

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071218\
 Data File : BF107338.D
 Acq On : 12 Jul 2018 14:56
 Operator : JU/SJ
 Sample : PB110987BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110987BS

Manual Integrations
 APPROVED

Sohil
 7/13/2018 12:37:42 PM

Quant Time: Jul 13 09:32:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 11 16:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	77666	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	301194	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	157840	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	316798	20.00	ng	0.00
75) Chrysene-d12	14.14	240	214863	20.00	ng	0.00
86) Perylene-d12	15.68	264	229803	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	512819	111.81	ng	0.02
7) Phenol-d6	6.59	99	636859	111.19	ng	0.01
23) Nitrobenzene-d5	7.50	82	428464	79.06	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	208528	113.99	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	756583	80.32	ng	0.00
78) Terphenyl-d14	13.07	244	834166	94.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.84	88	72267	30.647	ng	96
3) Pyridine	3.62	79	213695	33.415	ng	98
4) n-Nitrosodimethylamine	3.59	42	89427	32.924	ng	86
6) Aniline	6.61	93	172878	22.250	ng	# 82
8) 2-Chlorophenol	6.73	128	190674	37.902	ng	96
9) Benzaldehyde	6.49	77	124945	29.948	ng	98
10) Phenol	6.60	94	229869	35.165	ng	82
11) bis(2-Chloroethyl)ether	6.67	93	194775	36.093	ng	98
12) 1,3-Dichlorobenzene	6.87	146	225952	38.349	ng	98
13) 1,4-Dichlorobenzene	6.95	146	225518	37.859	ng	98
14) 1,2-Dichlorobenzene	7.10	146	206990	37.916	ng	98
15) Benzyl Alcohol	7.08	79	152679	33.197	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.20	45	266469	37.635	ng	# 26
17) 2-Methylphenol	7.20	107	167737	38.962	ng	# 89
18) Hexachloroethane	7.44	117	78812	37.623	ng	# 85
19) n-Nitroso-di-n-propylamine	7.34	70	135808	35.970	ng	94
20) 3+4-Methylphenols	7.35	107	212611	46.050	ng	94
22) Acetophenone	7.34	105	269096	39.934	ng	# 99
24) Nitrobenzene	7.52	77	214326	38.734	ng	97
25) Isophorone	7.75	82	401580	42.049	ng	97
26) 2-Nitrophenol	7.84	139	113332	43.387	ng	96
27) 2,4-Dimethylphenol	7.87	122	184624	45.728	ng	98
28) bis(2-Chloroethoxy)methane	7.95	93	251602	39.237	ng	97
29) 2,4-Dichlorophenol	8.08	162	183026	43.300	ng	94
30) 1,2,4-Trichlorobenzene	8.15	180	200239	43.003	ng	97
31) Naphthalene	8.24	128	567733	40.317	ng	100
32) Benzoic acid	8.03	122	85557	31.386	ng	95
33) 4-Chloroaniline	8.29	127	73269	12.400	ng	98
34) Hexachlorobutadiene	8.34	225	133194	43.899	ng	98
35) Caprolactam	8.69	113	58572m	42.510	ng	
36) 4-Chloro-3-methylphenol	8.80	107	185149	41.615	ng	98
37) 2-Methylnaphthalene	8.93	142	421336	45.141	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	221904	41.746	ng	# 96
40) Hexachlorocyclopentadiene	9.07	237	89707	32.802	ng	97

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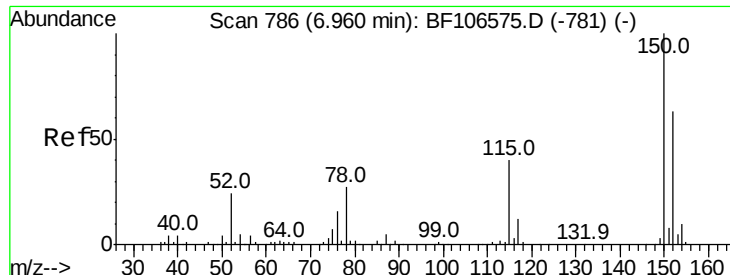
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	118830	33.631	nq	93
43) 2,4,5-Trichlorophenol	9.27	196	115724	31.388	nq	90
45) 1,1'-Biphenyl	9.40	154	503814	40.052	nq	99
46) 2-Chloronaphthalene	9.42	162	371538	37.523	nq	95
47) 2-Nitroaniline	9.54	65	115960	34.827	nq	99
48) Acenaphthylene	9.85	152	560718	35.869	nq	99
49) Dimethylphthalate	9.70	163	425629	35.954	nq	98
50) 2,6-Dinitrotoluene	9.78	165	100958	40.274	nq #	83
51) Acenaphthene	10.02	154	349239	35.477	nq	98
52) 3-Nitroaniline	9.95	138	46773	16.215	nq	96
53) 2,4-Dinitrophenol	10.07	184	63013	50.465	nq #	21
54) Dibenzofuran	10.19	168	512561	38.025	nq	97
55) 4-Nitrophenol	10.14	139	41327	20.525	nq	89
56) 2,4-Dinitrotoluene	10.19	165	119503	36.522	nq #	94
57) Fluorene	10.54	166	421765	39.431	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	88405	30.164	nq #	76
59) Diethylphthalate	10.40	149	414170	36.248	nq #	93
60) 4-Chlorophenyl-phenylether	10.52	204	222426	39.743	nq #	85
61) 4-Nitroaniline	10.58	138	94004	32.836	nq	95
62) Azobenzene	10.68	77	397985	35.371	nq	92
64) 4,6-Dinitro-2-methylphenol	10.61	198	69126	35.300	nq #	75
65) n-Nitrosodiphenylamine	10.64	169	370954	34.813	nq	99
66) 4-Bromophenyl-phenylether	11.01	248	152392	40.307	nq #	79
67) Hexachlorobenzene	11.09	284	163351	41.280	nq #	80
68) Atrazine	11.17	200	135147	39.896	nq	93
69) Pentachlorophenol	11.30	266	48684m	24.657	nq	
70) Phenanthrene	11.51	178	608569	39.828	nq	99
71) Anthracene	11.56	178	631101	40.465	nq	99
72) Carbazole	11.72	167	530586	36.337	nq	98
73) Di-n-butylphthalate	12.02	149	622029	36.160	nq	100
74) Fluoranthene	12.70	202	636841	37.814	nq	96
76) Benzidine	12.82	184	205877	33.644	nq	98
77) Pyrene	12.94	202	630633	44.509	nq	99
79) Butylbenzylphthalate	13.53	149	228937	39.299	nq #	92
80) Benzo(a)anthracene	14.13	228	534460	40.813	nq	99
81) 3,3'-Dichlorobenzidine	14.08	252	93417	20.297	nq #	96
82) Chrysene	14.17	228	487394	40.456	nq	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	292645	39.293	nq	97
84) Di-n-octyl phthalate	14.70	149	484820	39.936	nq	95
85) Indeno(1,2,3-cd)pyrene	17.29	276	607918	59.460	nq #	90
87) Benzo(b)fluoranthene	15.22	252	533446	37.369	nq #	96
88) Benzo(k)fluoranthene	15.25	252	486136	35.760	nq #	96
89) Benzo(a)pyrene	15.62	252	512644	40.396	nq #	96
90) Dibenzo(a,h)anthracene	17.29	278	502098	46.685	nq #	92
91) Benzo(g,h,i)perylene	17.77	276	530882	50.502	nq #	90

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



#1

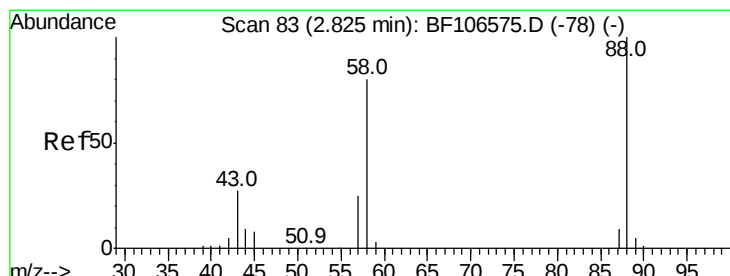
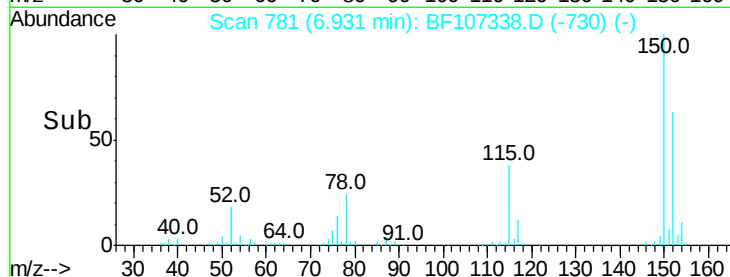
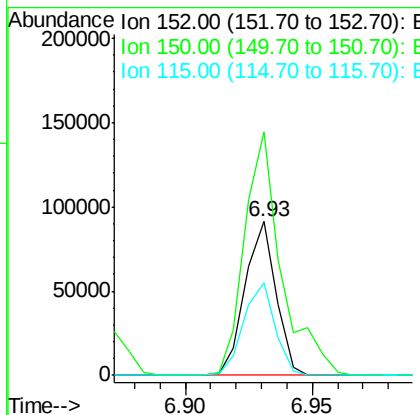
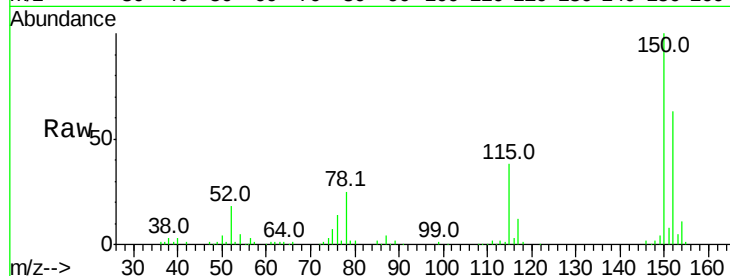
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Instrument :
BNA_F
ClientSampleId :
PB110987BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.6	186.8
115	60.6	50.1	75.1

Manual Integrations
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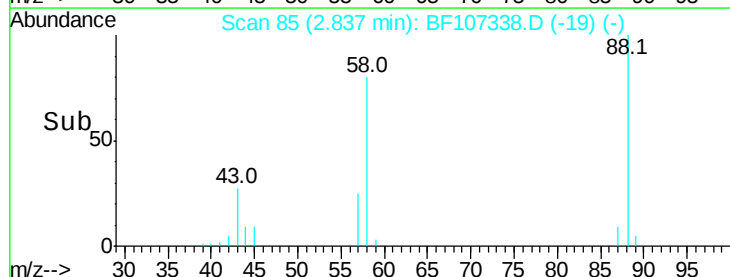
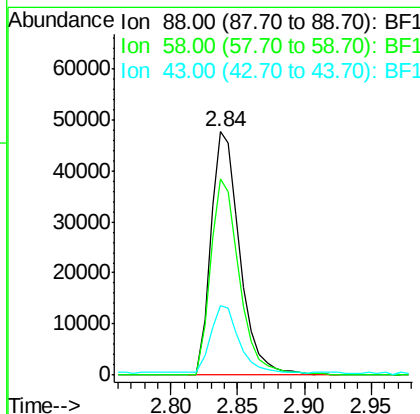
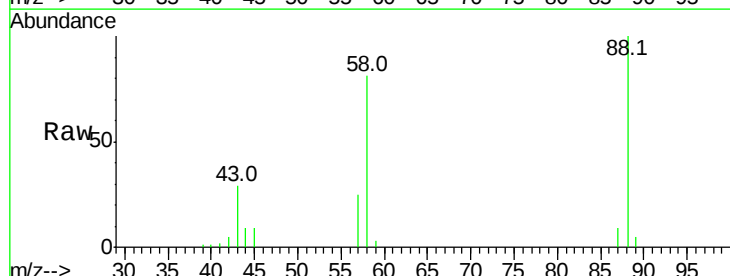
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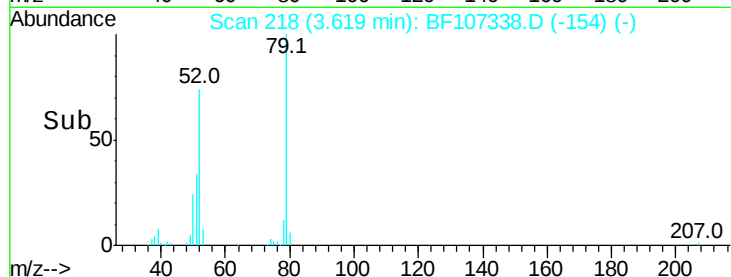
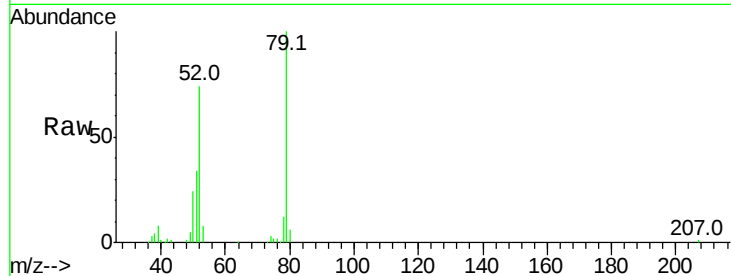
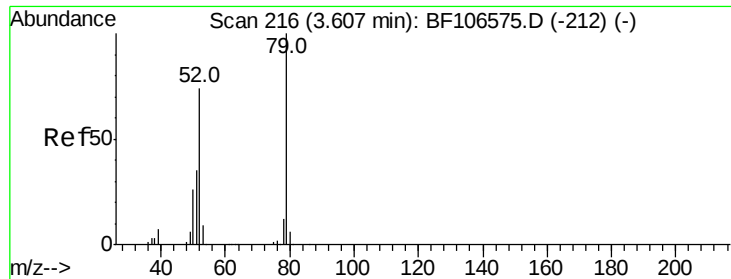


#2

1,4-Dioxane
Concen: 30.647 ng
RT: 2.84 min Scan# 85
Delta R.T. 0.09 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.4	62.6	93.8
43	26.9	24.6	37.0





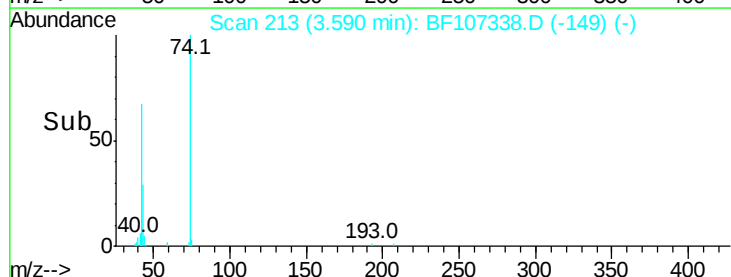
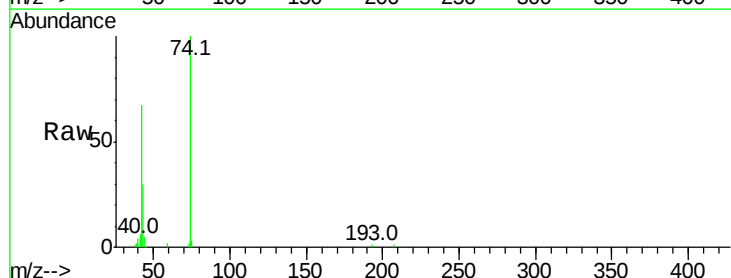
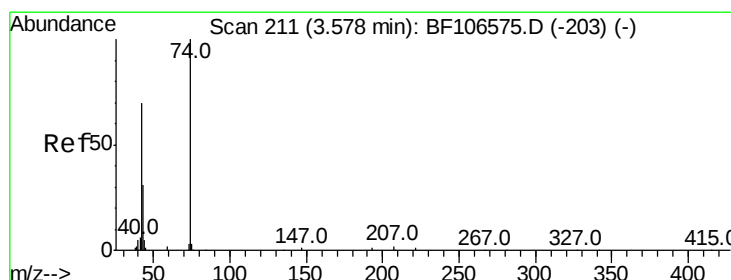
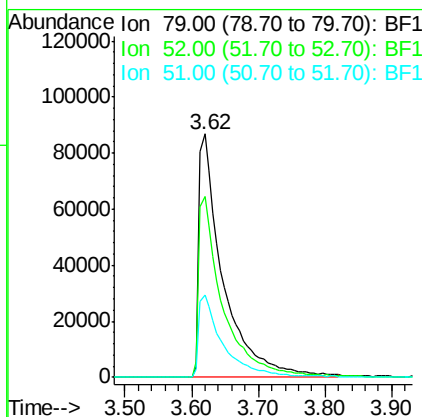
#3
Pvridine
Concen: 33.415 ng
RT: 3.62 min Scan# 218
Delta R.T. 0.08 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Tot Ion	Ratio	Resp	Lower	Upper
79	100	213695		
52	74.3		59.8	89.6
51	33.6		29.8	44.8

Instrument :
BNA_F
ClientSampleId :
PB110987BS

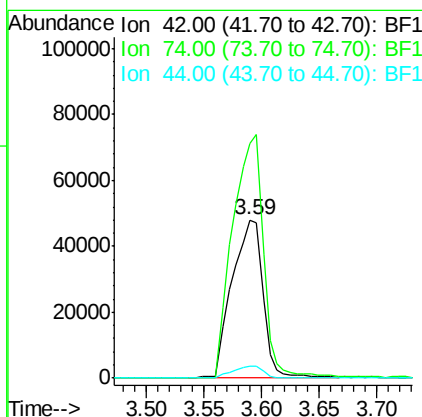
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#4
n-Nitrosodimethylamine
Concen: 32.924 ng
RT: 3.59 min Scan# 213
Delta R.T. 0.08 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	89427		
74	148.3		104.9	157.3
44	7.5		6.9	10.3





#5

2-Fluorophenol

Concen: 111.808 ng

RT: 5.58 min Scan# 552

Delta R.T. 0.02 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

Instrument :

BNA_F

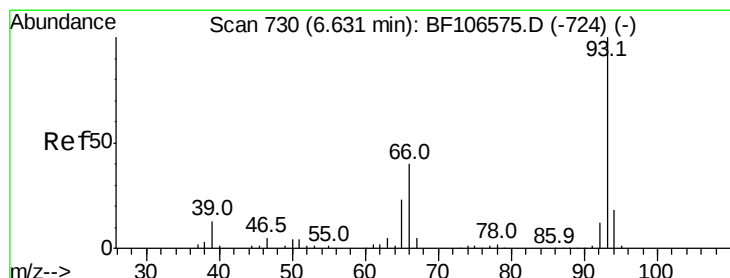
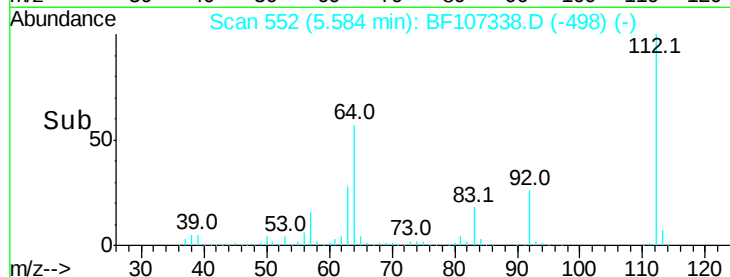
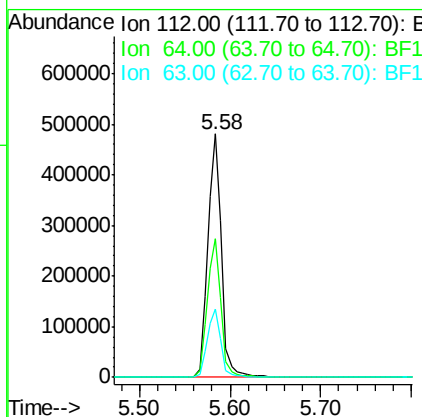
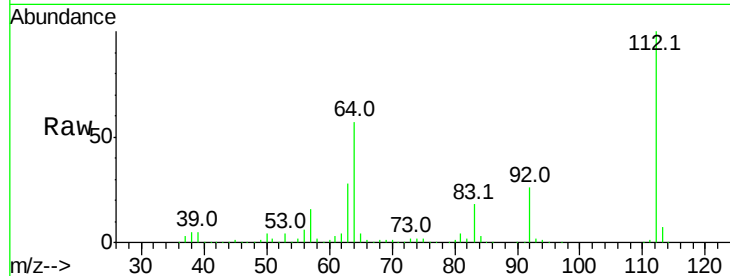
ClientSampleId :

PB110987BS

Tot Ion:	112	Resp:	512819
Ion Ratio	Lower	Upper	
112	100		
64	57.1	47.9	71.9
63	28.1	23.7	35.5

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#6

Aniline

Concen: 22.250 ng

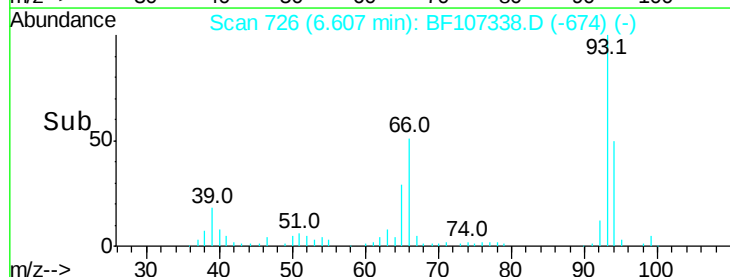
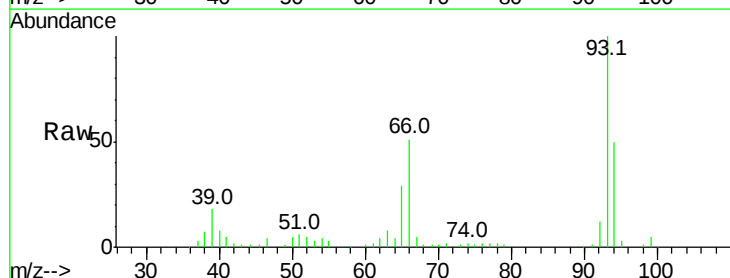
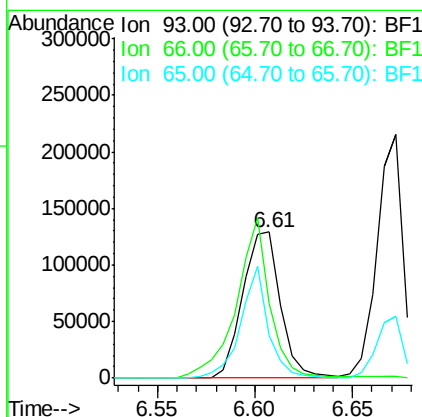
RT: 6.61 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

Tgt Ion:	93	Resp:	172878
Ion Ratio	Lower	Upper	
93	100		
66	51.5	32.2	48.2#
65	29.2	16.4	24.6#





#7

Phenol-d6

Concen: 111.187 ng

RT: 6.59 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

Instrument :

BNA_F

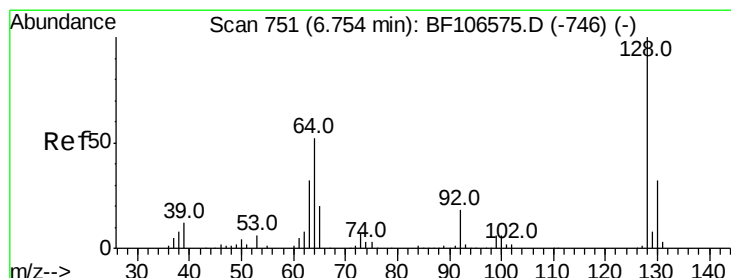
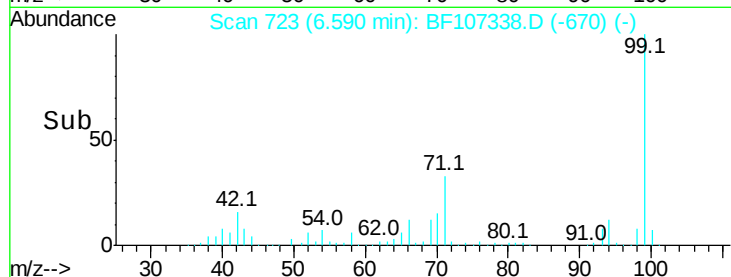
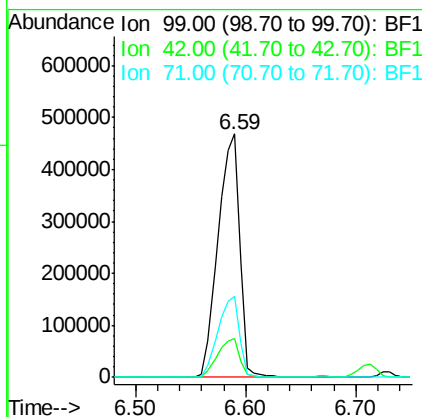
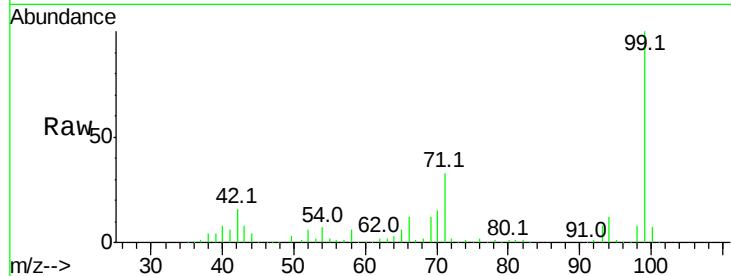
ClientSampleId :

PB110987BS

Tot Ion	99	Resp	636859
Ion Ratio	Lower	Upper	
99	100		
42	15.8	14.5	21.7
71	33.3	25.4	38.0

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#8

2-Chlorophenol

Concen: 37.902 ng

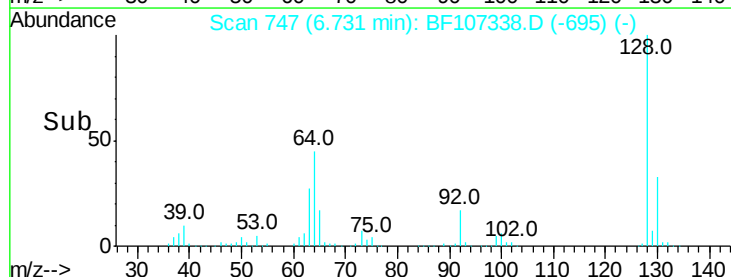
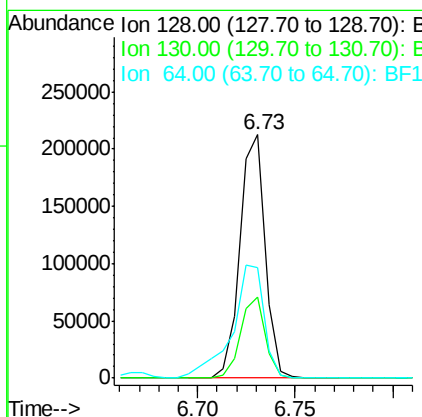
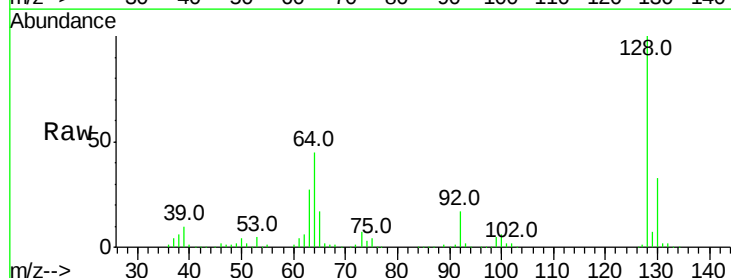
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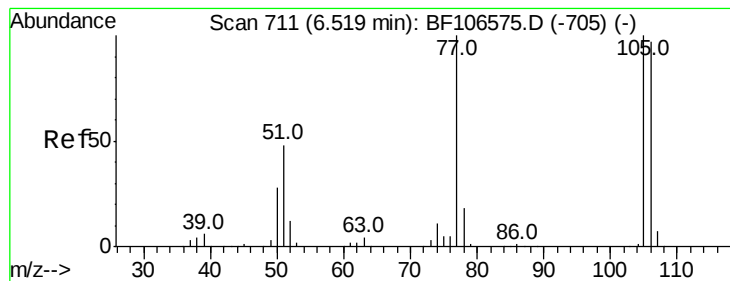
Delta R.T. 0.01 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

Tgt Ion	128	Resp	190674
Ion Ratio	Lower	Upper	
128	100		
130	33.4	13.0	53.0
64	45.3	29.4	69.4





#9

Benzaldehyde

Concen: 29.948 ng

RT: 6.49 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

Instrument :

BNA_F

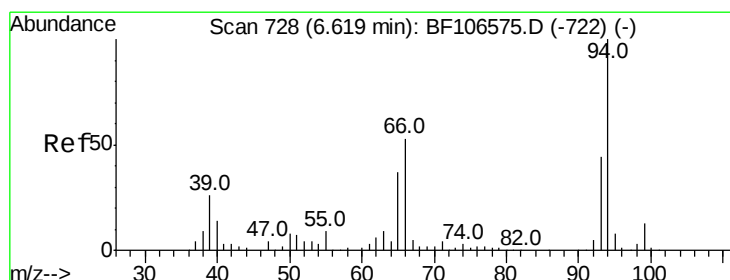
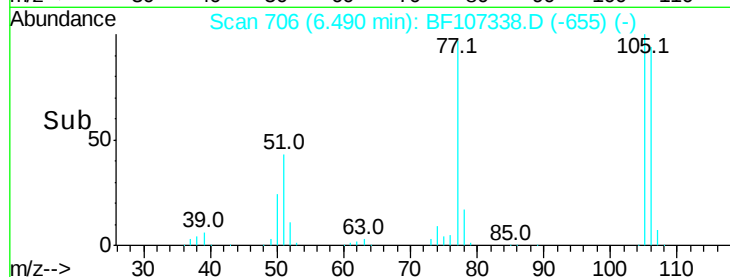
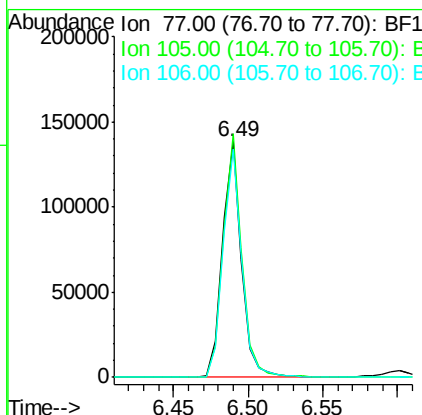
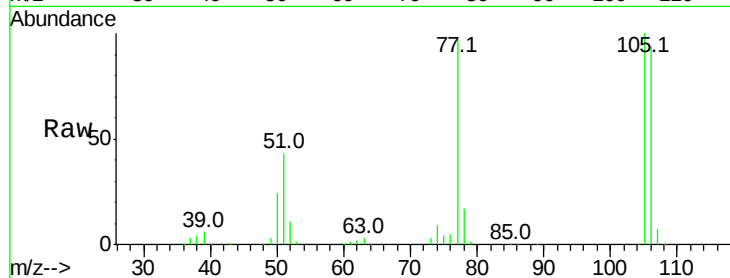
ClientSampleId :

PB110987BS

Tot Ion	Ratio	Resp	Lower	Upper
77	100	124945		
105	103.4	81.1	121.1	
106	96.9	74.5	114.5	

Manual Integrations
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#10

Phenol

Concen: 35.165 ng

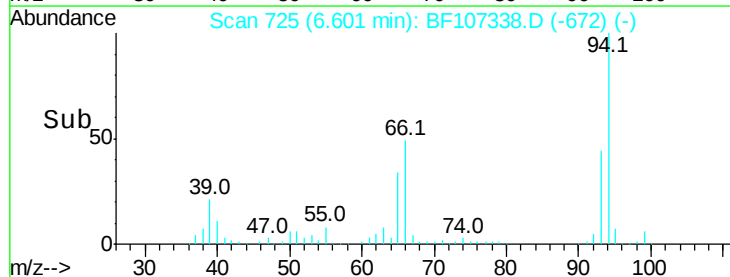
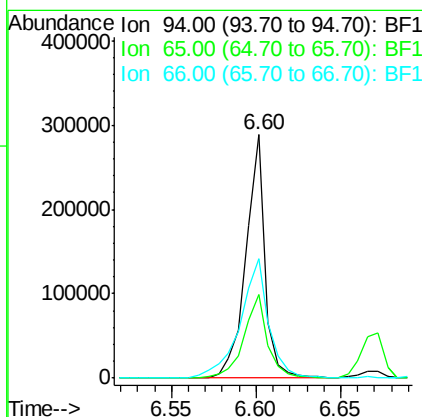
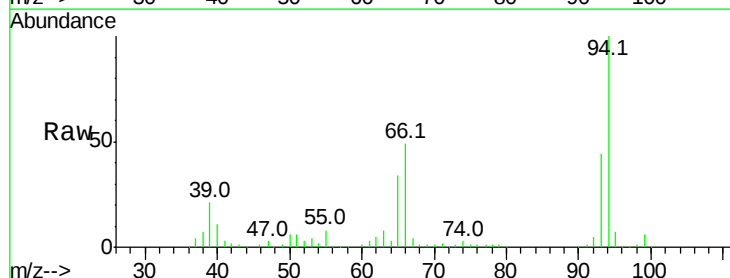
RT: 6.60 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	229869		
65	34.4	7.9	47.9	
66	49.2	16.2	56.2	





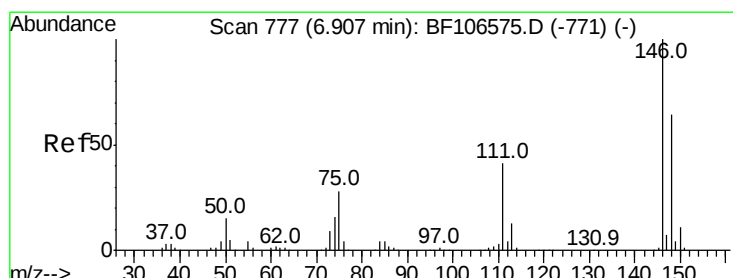
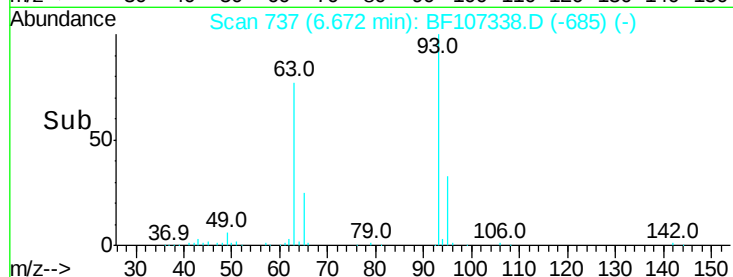
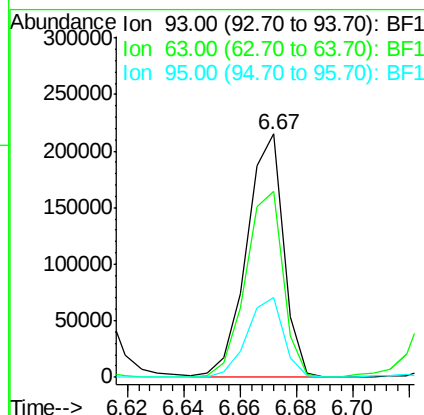
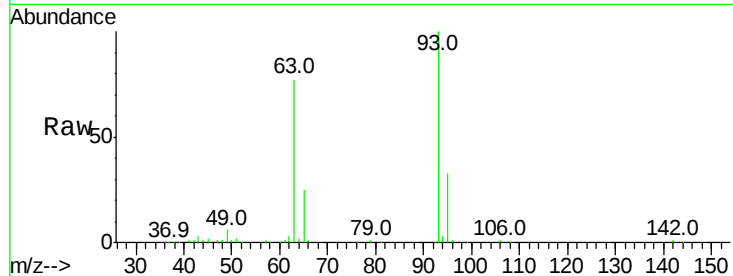
#11
bis(2-Chloroethyl)ether
Concen: 36.093 ng
RT: 6.67 min Scan# 737
Delta R.T. 0.01 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Instrument :
BNA_F
ClientSampleId :
PB110987BS

Tot Ion	93	Resp	194775
Ion Ratio	100	Lower	Upper
93	100		
63	76.6	58.6	98.6
95	32.6	11.8	51.8

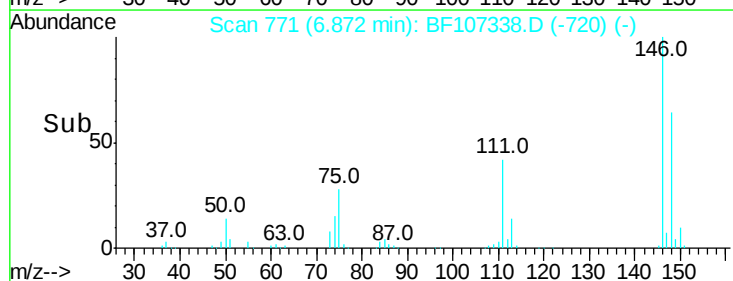
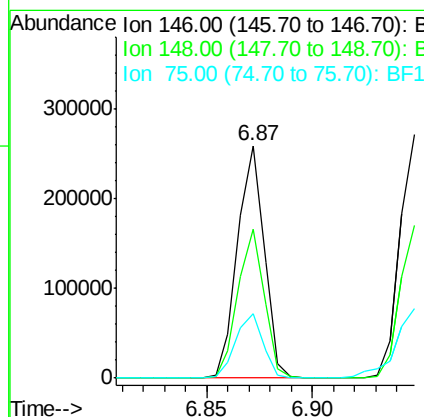
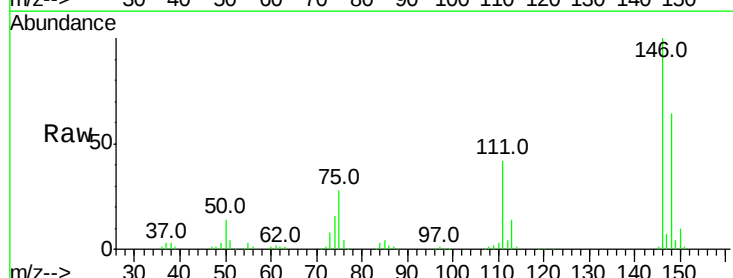
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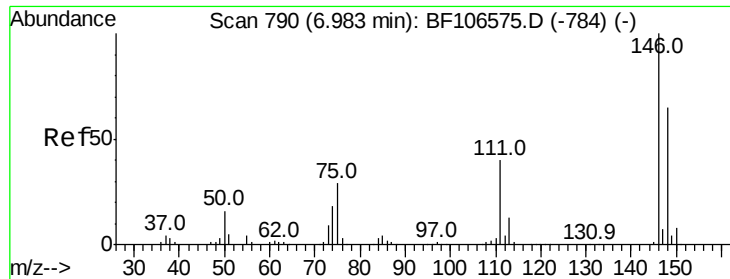
Sohil
7/13/2018 12:37:42 PM



#12
1,3-Dichlorobenzene
Concen: 38.349 ng
RT: 6.87 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Tgt Ion	146	Resp	225952
Ion Ratio	100	Lower	Upper
146	100		
148	64.4	51.8	77.8
75	27.6	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 37.859 ng

RT: 6.95 min Scan# 784

Delta R.T. 0.00 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

Instrument :

BNA_F

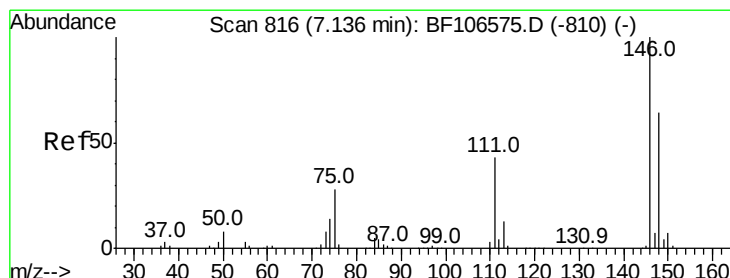
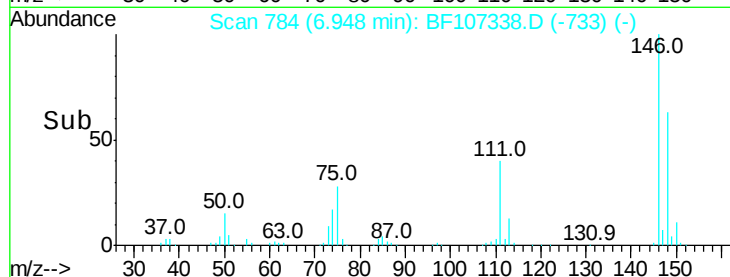
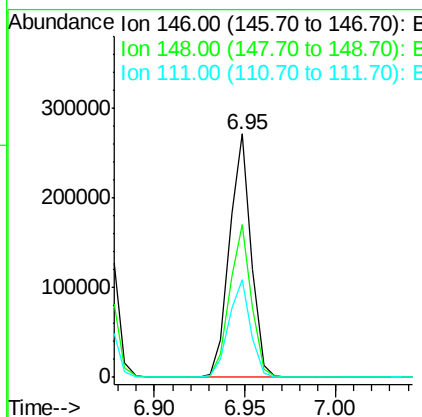
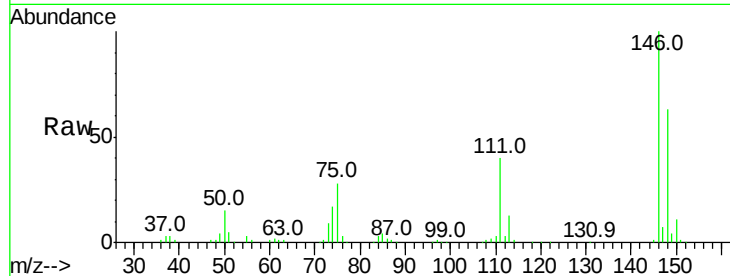
ClientSampleId :

PB110987BS

Tot Ion:	146	Resp:	225518
Ion Ratio	Lower	Upper	
146	100		
148	63.0	50.8	76.2
111	40.4	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 37.916 ng

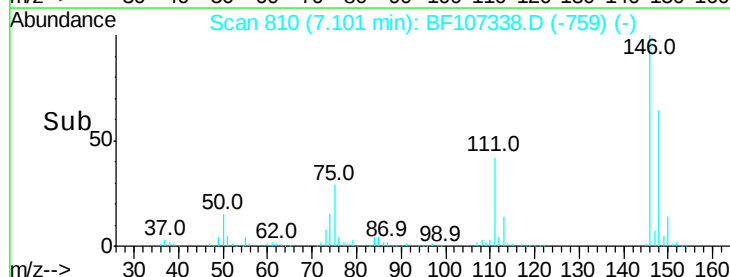
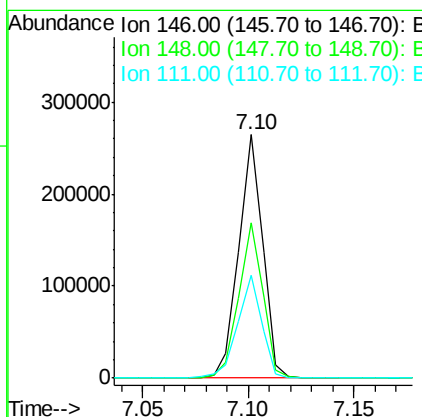
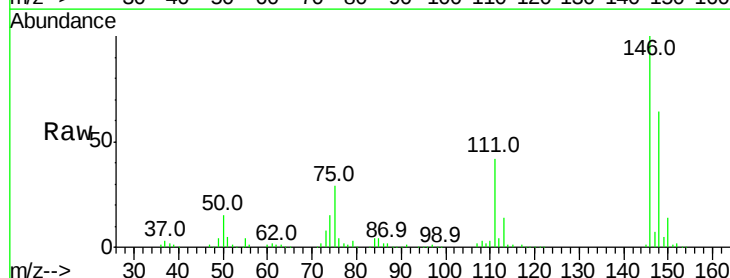
RT: 7.10 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

Tgt Ion:	146	Resp:	206990
Ion Ratio	Lower	Upper	
146	100		
148	63.9	50.6	75.8
111	42.3	36.0	54.0





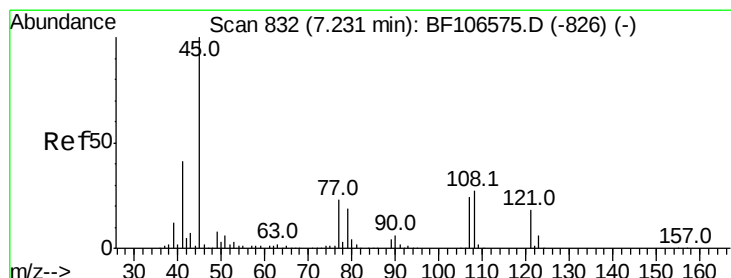
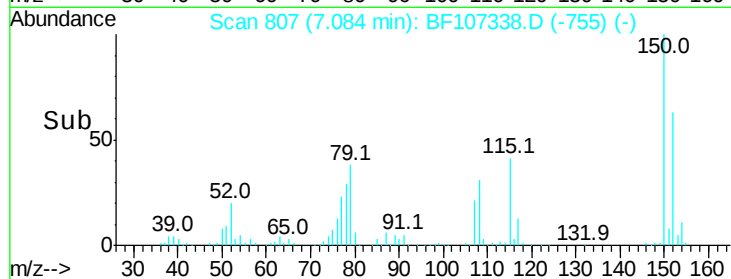
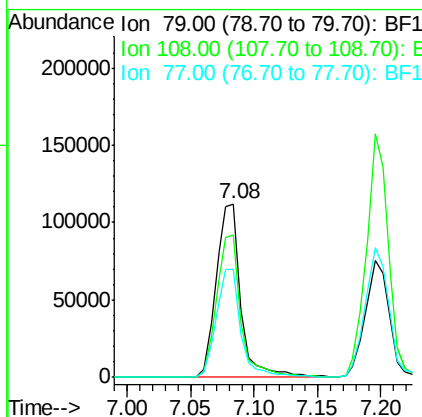
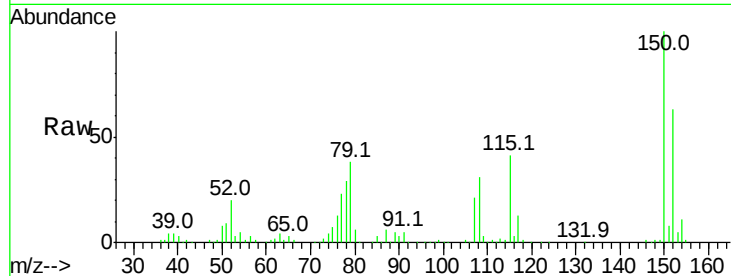
#15
Benzyl Alcohol
Concen: 33.197 ng
RT: 7.08 min Scan# 807
Delta R.T. 0.01 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Instrument :
BNA_F
ClientSampled :
PB110987BS

Tot Ion:	79	Resp:	152679
Ion Ratio	Lower	Upper	
79	100		
108	82.3	65.1	97.7
77	62.2	50.6	75.8

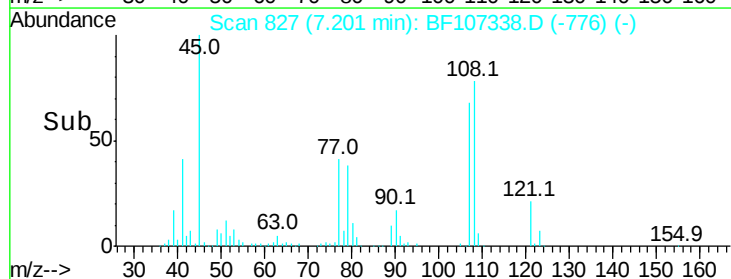
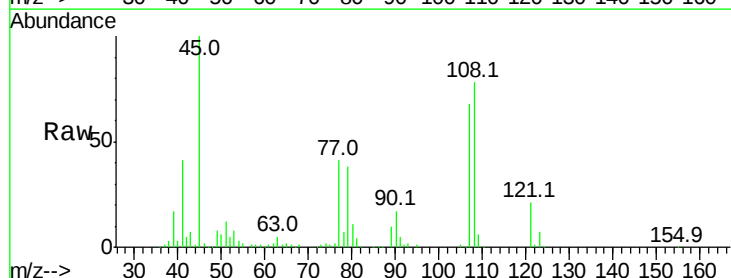
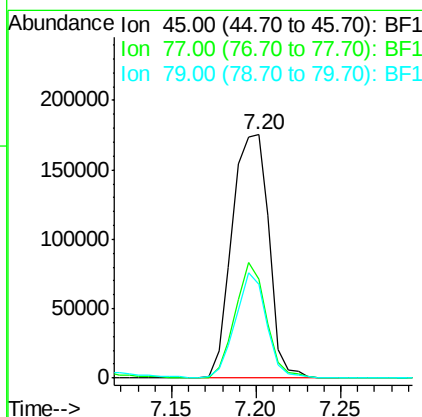
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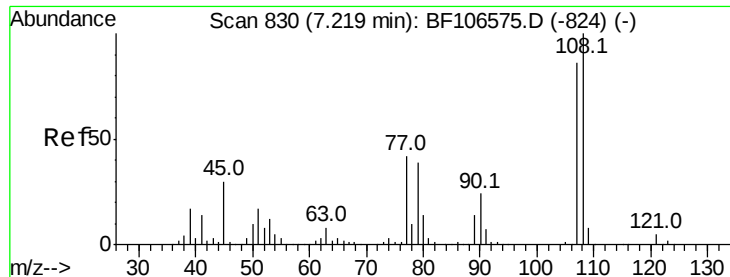
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.635 ng
RT: 7.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Tgt Ion:	45	Resp:	266469
Ion Ratio	Lower	Upper	
45	100		
77	40.8	0.0	32.9#
79	38.5	0.0	29.6#





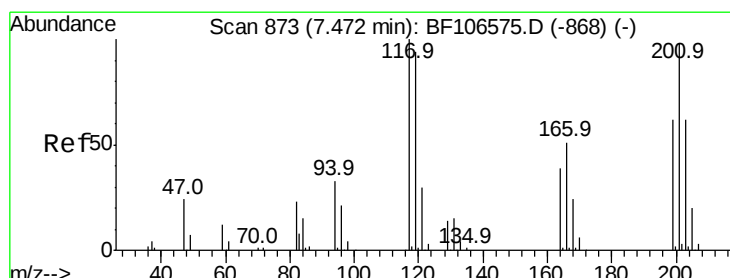
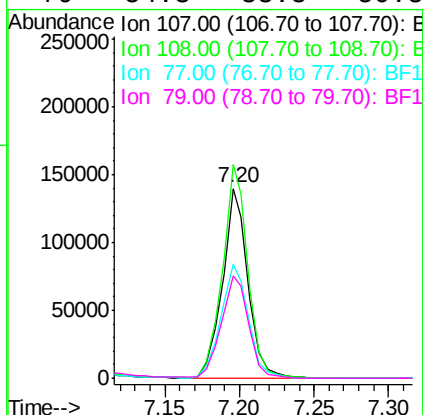
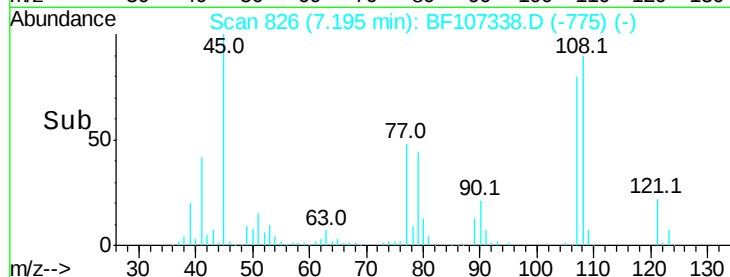
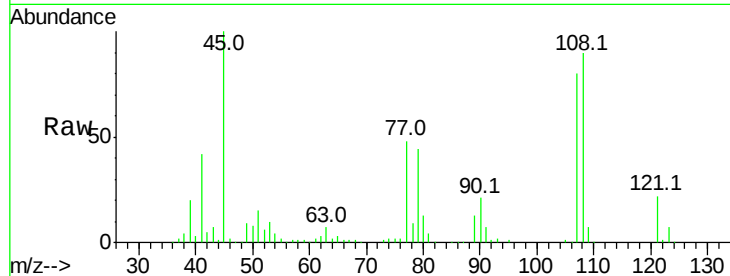
#17
2-Methylphenol
Concen: 38.962 ng
RT: 7.20 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Instrument :
BNA_F
ClientSampleId :
PB110987BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.7	91.7	137.5
77	59.9	33.8	50.8#
79	54.3	33.8	50.8#

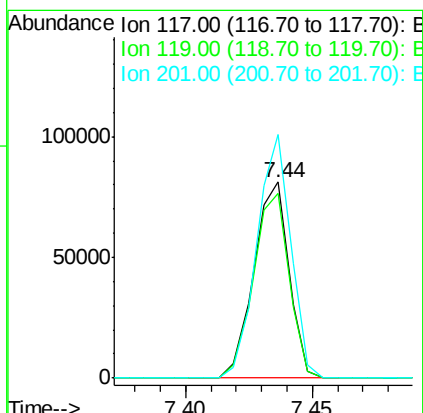
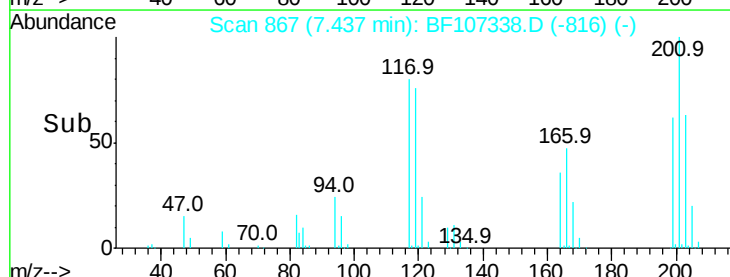
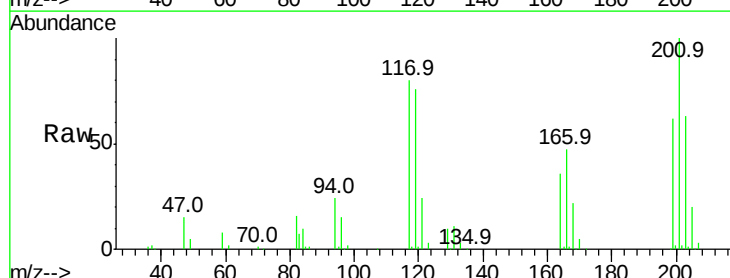
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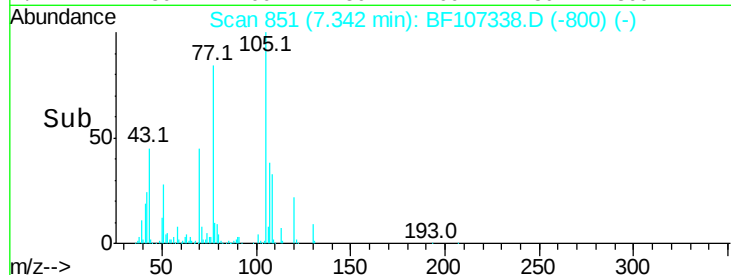
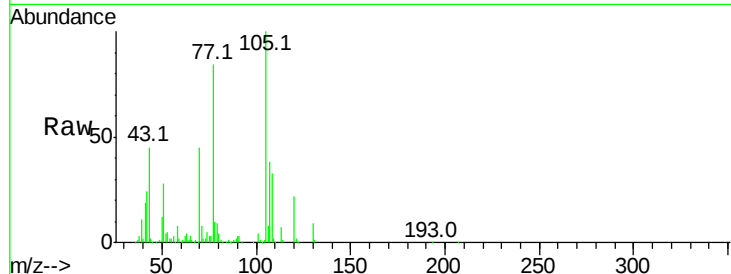
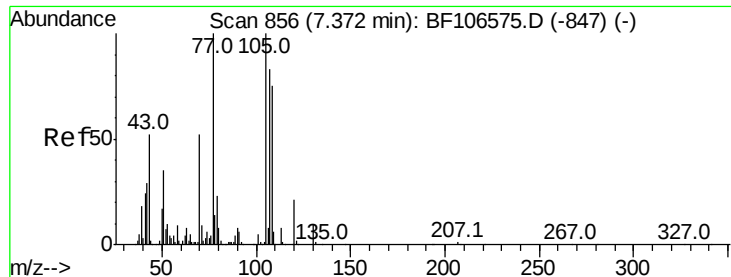
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#18
Hexachloroethane
Concen: 37.623 ng
RT: 7.44 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	75.8	113.8
201	124.3	75.7	113.5#





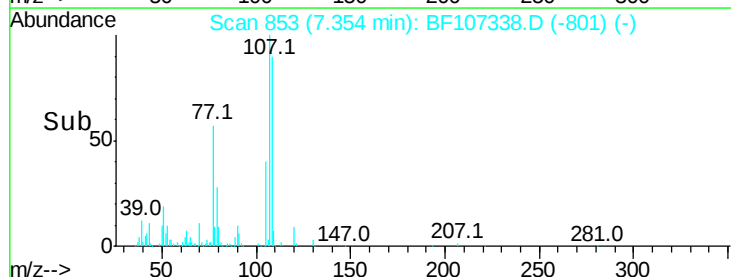
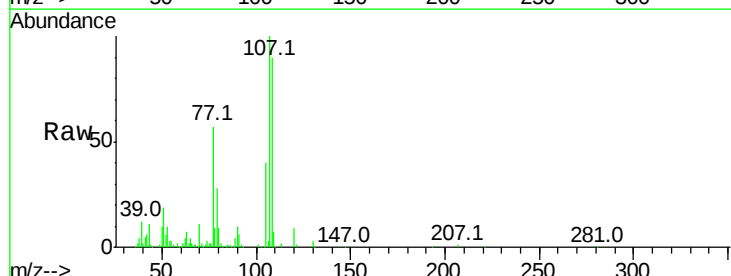
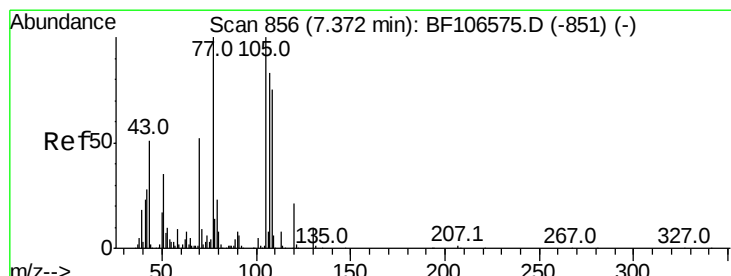
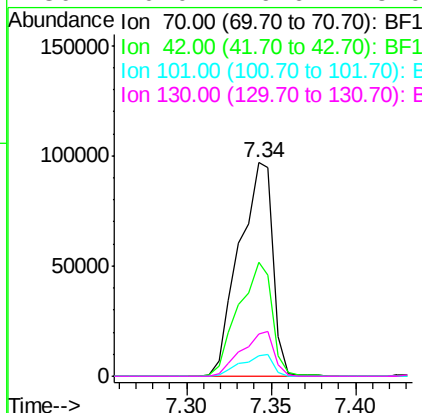
#19
n-Nitroso-di-n-propylamine
Concen: 35.970 ng
RT: 7.34 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Instrument :
BNA_F
ClientSampled :
PB110987BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.3	47.5	71.3
101	9.8	7.4	11.2
130	20.0	16.6	25.0

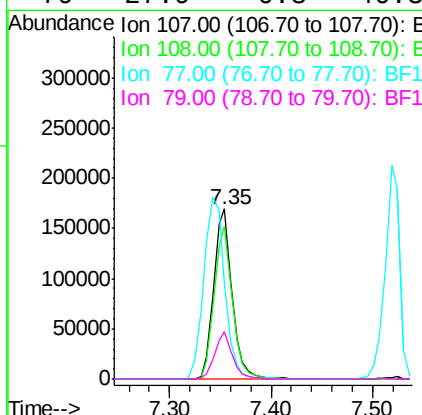
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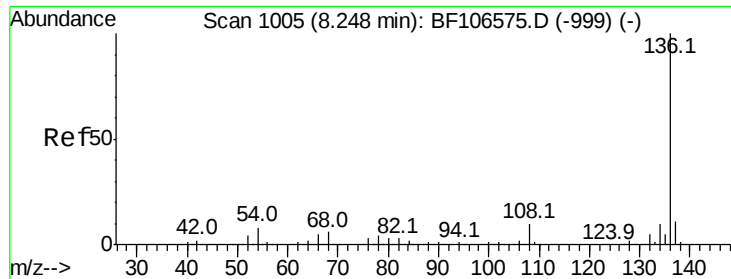
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#20
3+4-Methylphenols
Concen: 46.050 ng
RT: 7.35 min Scan# 853
Delta R.T. 0.01 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.0	68.2	108.2
77	56.8	26.7	66.7
79	27.9	6.3	46.3





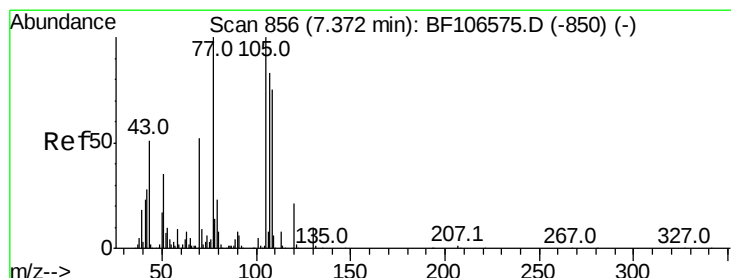
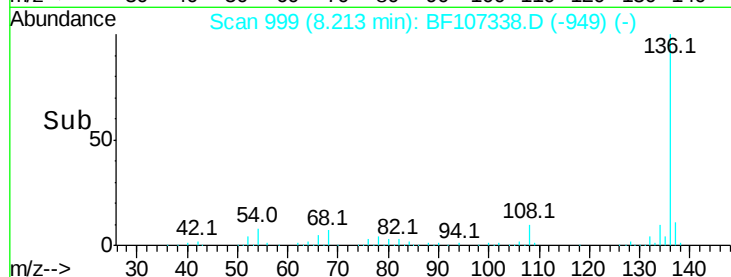
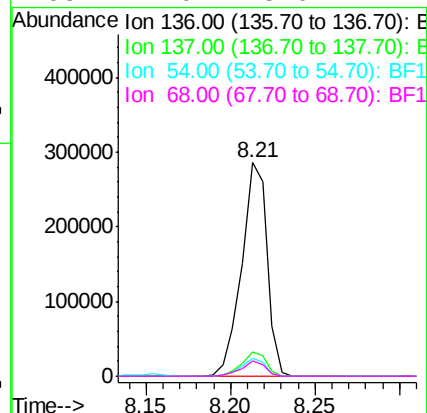
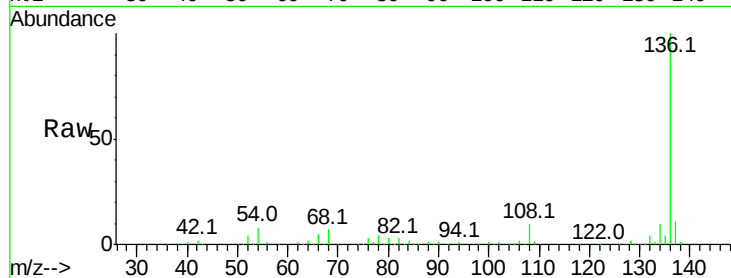
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Instrument :
BNA_F
ClientSampleId :
PB110987BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.9	13.3	
54	8.3	6.6	9.8	
68	7.0	5.0	7.4	

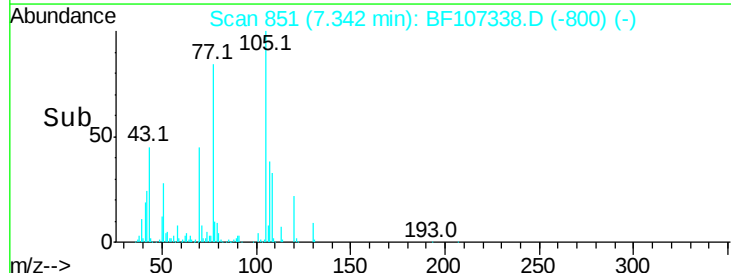
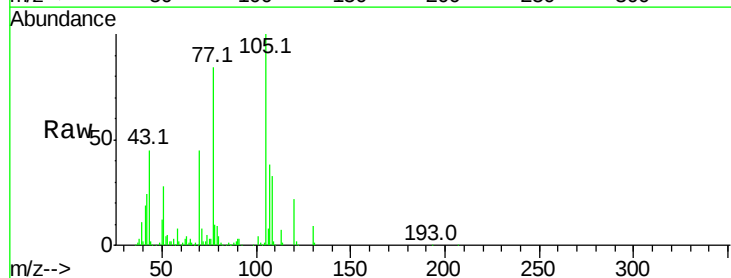
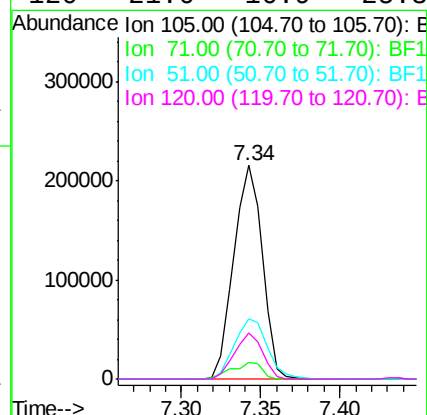
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#22
Acetophenone
Concen: 39.934 ng
RT: 7.34 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.7	4.4	6.6#	
51	28.3	22.3	33.5	
120	21.6	16.9	25.3	





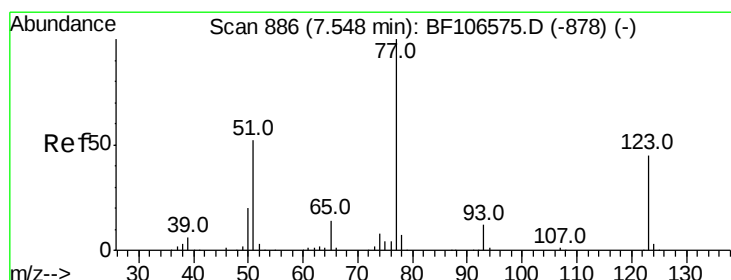
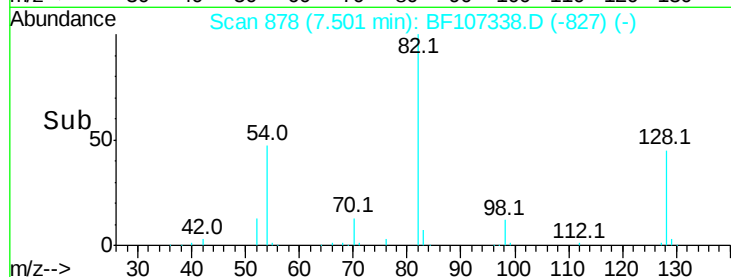
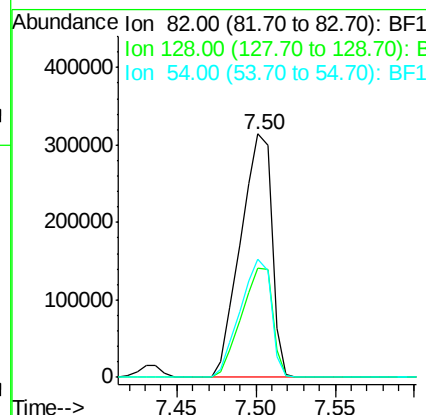
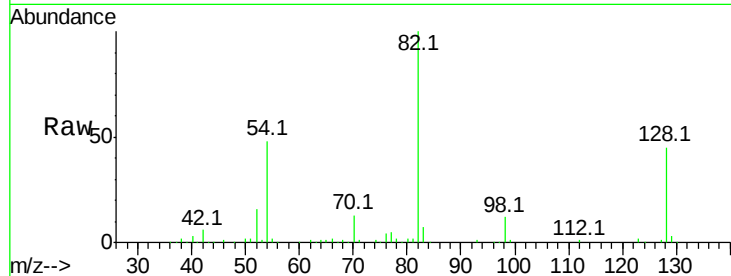
#23
 Nitrobenzene-d5
 Concen: 79.056 ng
 RT: 7.50 min Scan# 878
 Delta R.T. 0.00 min
 Lab File: BF107338.D
 Acq: 12 Jul 2018 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB110987BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.1	54.1
54	48.4	41.4	62.2

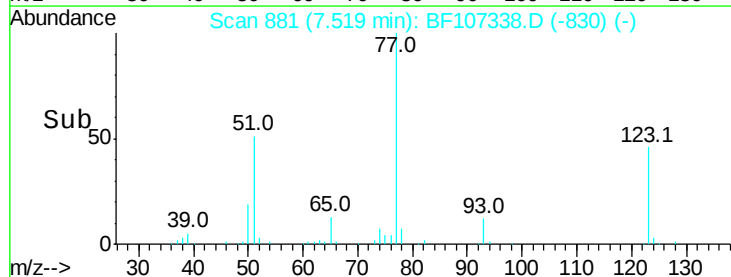
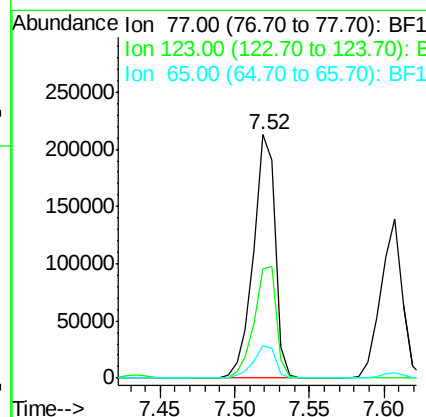
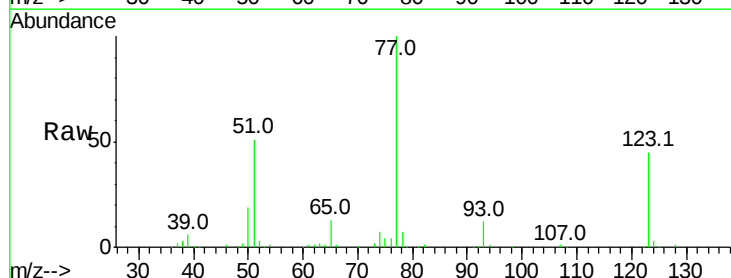
Manual Integrations
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#24
 Nitrobenzene
 Concen: 38.734 ng
 RT: 7.52 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF107338.D
 Acq: 12 Jul 2018 14:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.0	37.9	56.9
65	13.3	11.0	16.4





#25

Isophorone

Concen: 42.049 ng

RT: 7.75 min Scan# 921

Delta R.T. 0.00 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

Instrument :

BNA_F

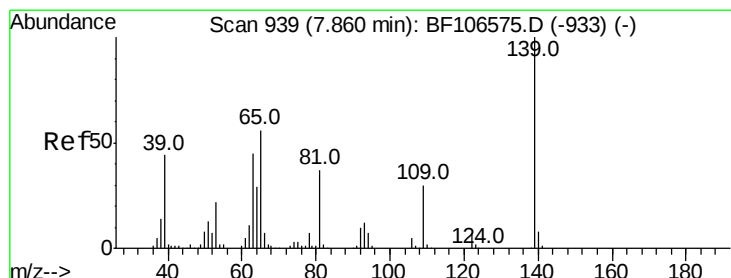
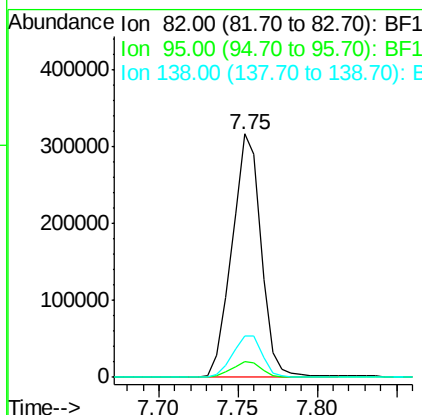
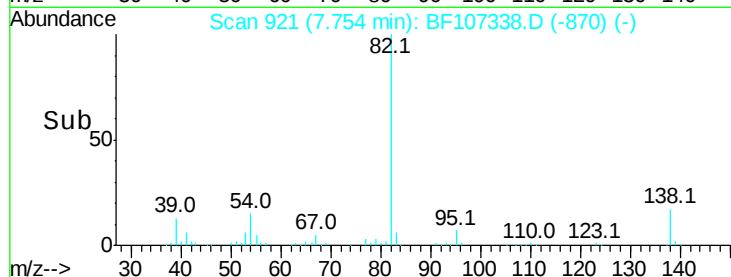
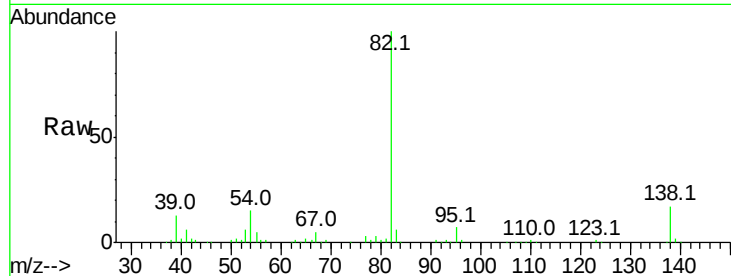
ClientSampleId :

PB110987BS

Tot Ion:	82	Resp:	401580
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.2	7.8
138	17.2	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.387 ng

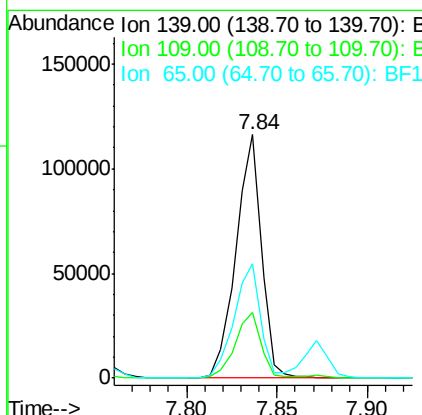
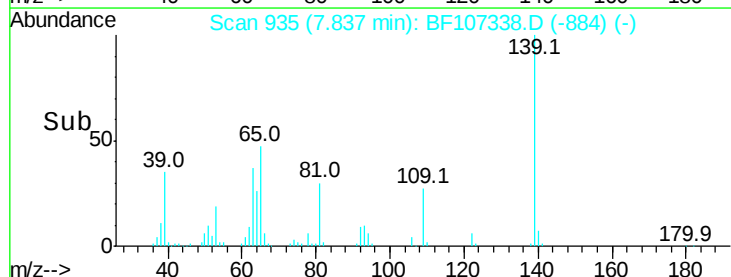
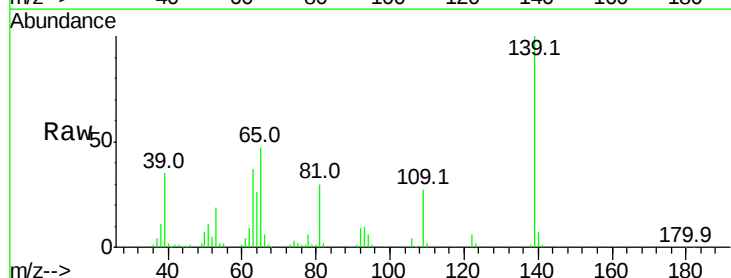
RT: 7.84 min Scan# 935

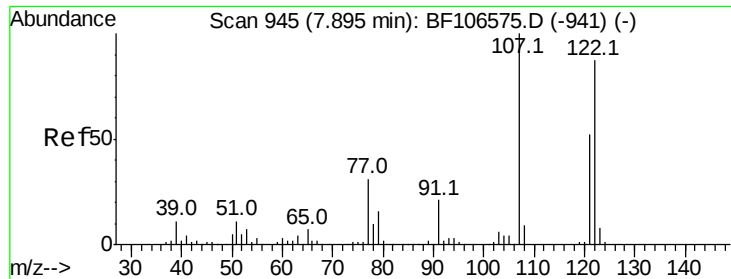
Delta R.T. 0.00 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

Tgt Ion:	139	Resp:	113332
Ion Ratio	Lower	Upper	
139	100		
109	26.9	22.7	34.1
65	47.0	40.5	60.7





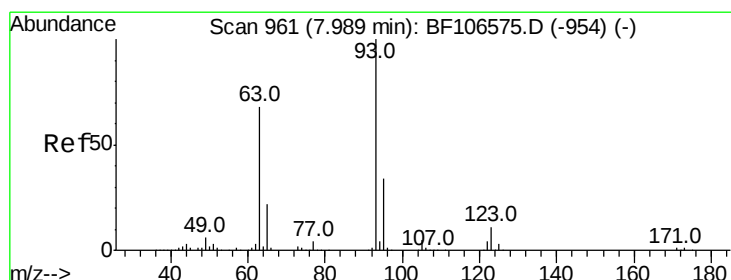
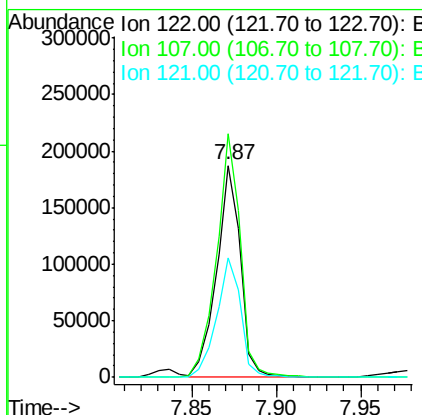
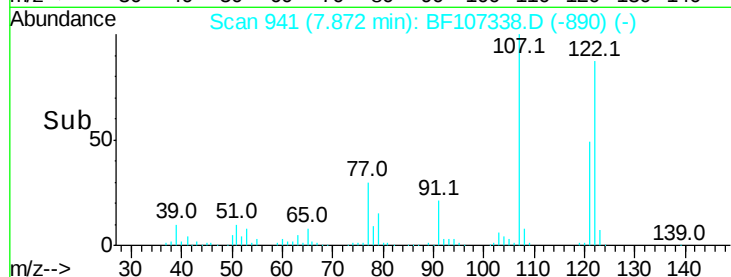
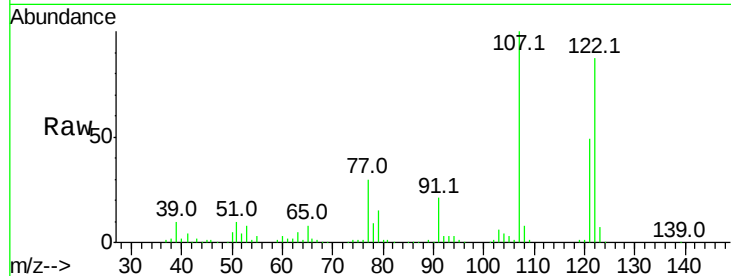
#27
2,4-Dimethylphenol
Concen: 45.728 ng
RT: 7.87 min Scan# 941
Delta R.T. 0.00 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Instrument :
BNA_F
ClientSampleId :
PB110987BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	184624		
107	114.8	91.2	136.8	
121	56.3	47.2	70.8	

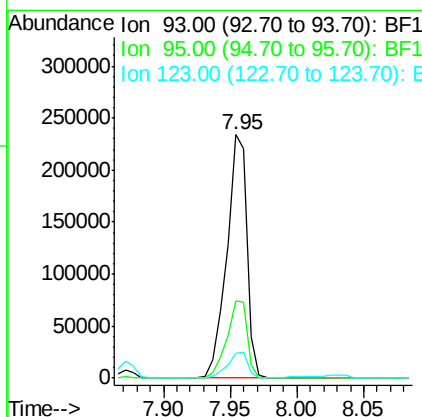
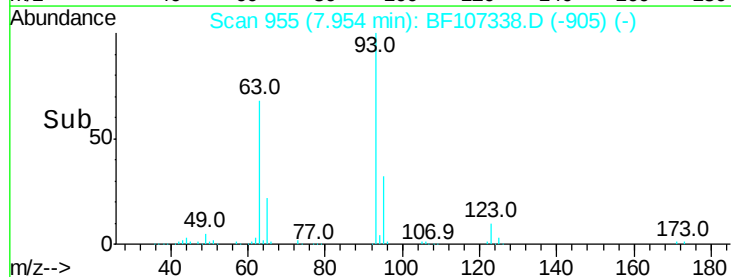
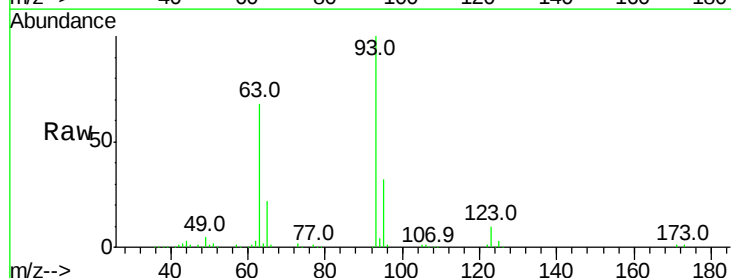
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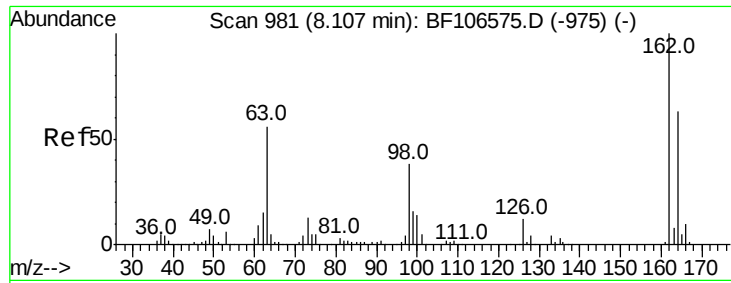
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 39.237 ng
RT: 7.95 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	251602		
95	31.7	26.3	39.5	
123	10.4	9.8	14.6	





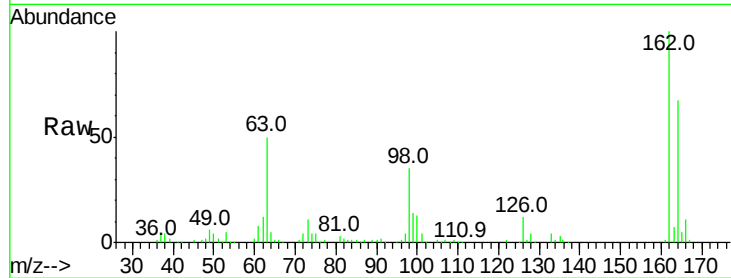
#29
2,4-Dichlorophenol
Concen: 43.300 ng
RT: 8.08 min Scan# 977
Delta R.T. 0.00 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Instrument :
BNA_F
ClientSampleId :
PB110987BS

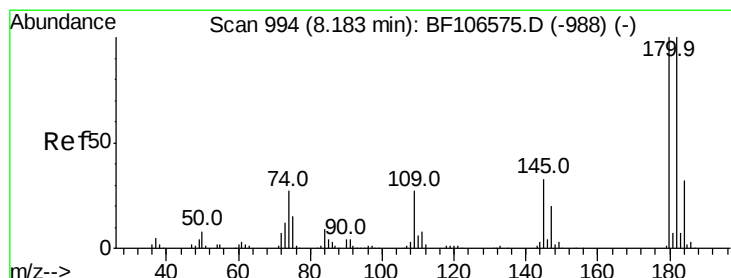
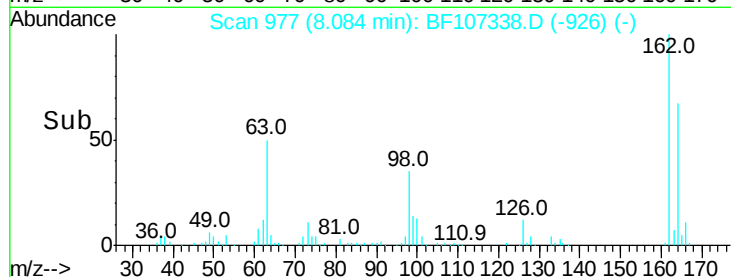
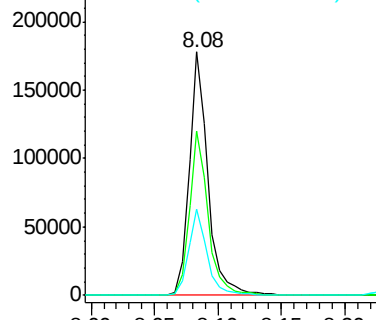
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	67.3	42.7	82.7
98	35.2	18.1	58.1

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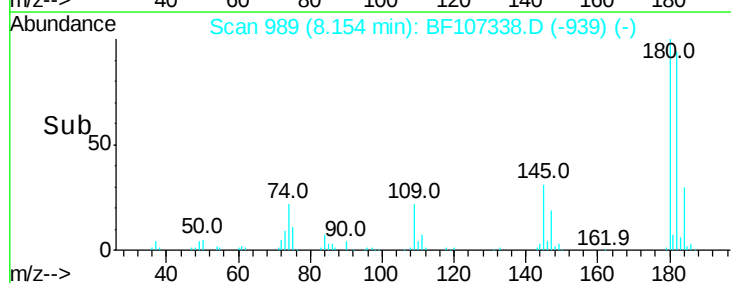
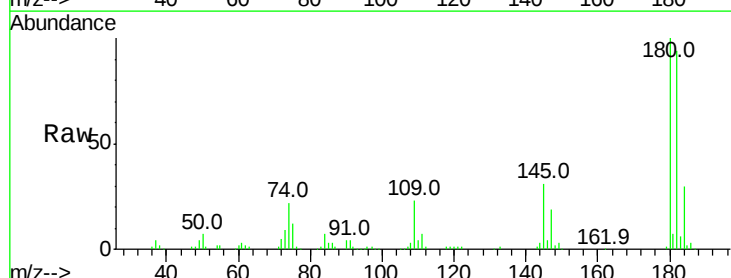
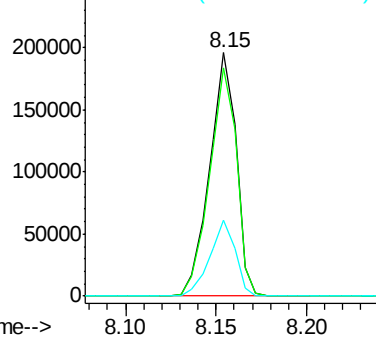
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

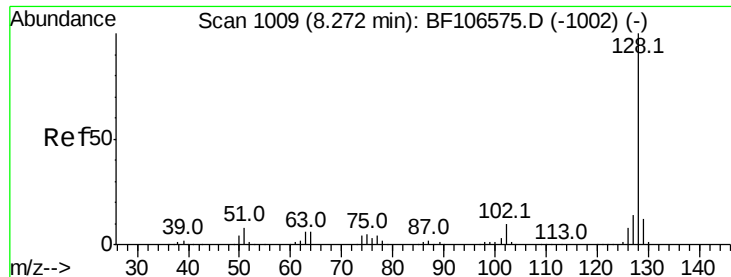


#30
1,2,4-Trichlorobenzene
Concen: 43.003 ng
RT: 8.15 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.8	76.8	115.2
145	31.0	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





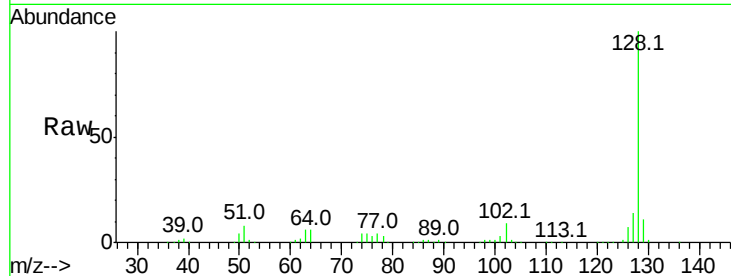
#31
Naphthalene
Concen: 40.317 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Instrument :
BNA_F
ClientSampleId :
PB110987BS

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.7	10.9	16.3

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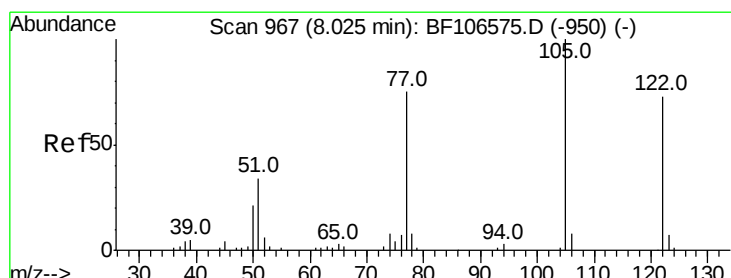
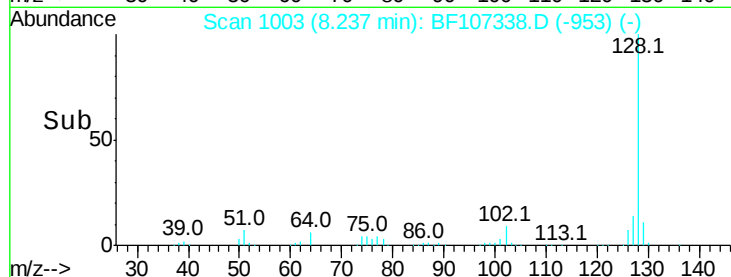
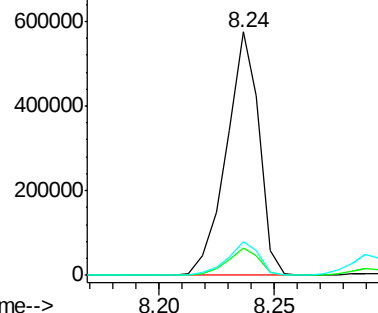


Abundance

Ion 128.00 (127.70 to 128.70): E

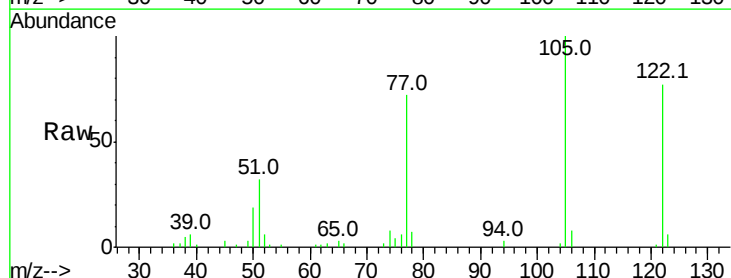
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 31.386 ng
RT: 8.03 min Scan# 968
Delta R.T. 0.02 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	129.5	101.1	141.1
77	93.2	70.7	110.7

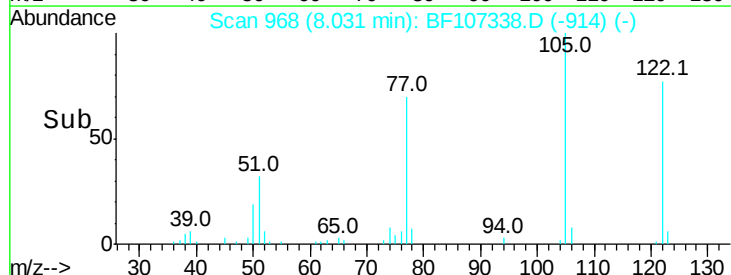
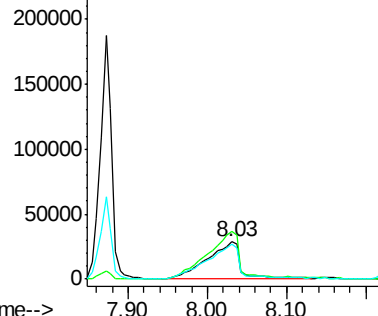


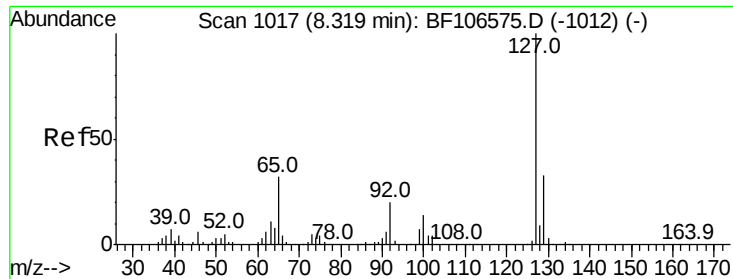
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





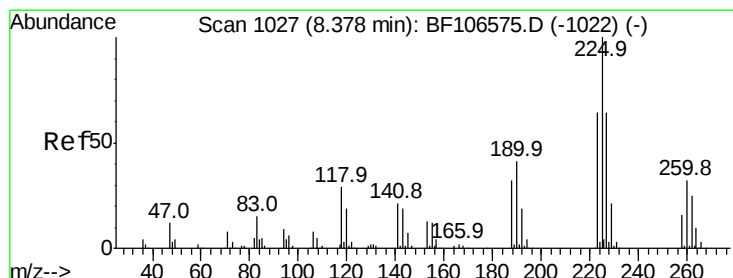
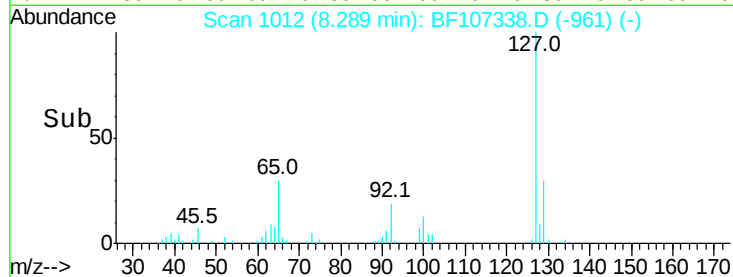
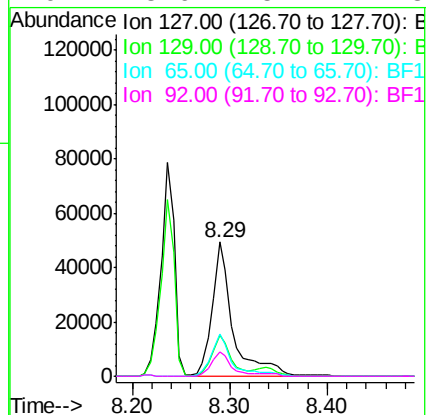
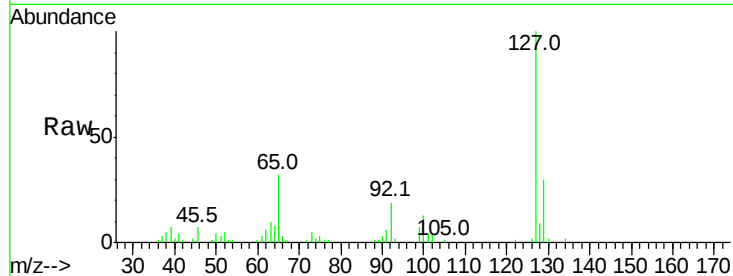
#33
4-Chloroaniline
Concen: 12.400 ng
RT: 8.29 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Instrument :
BNA_F
ClientSampleId :
PB110987BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.2	25.9	38.9
65	31.6	25.0	37.4
92	18.6	15.2	22.8

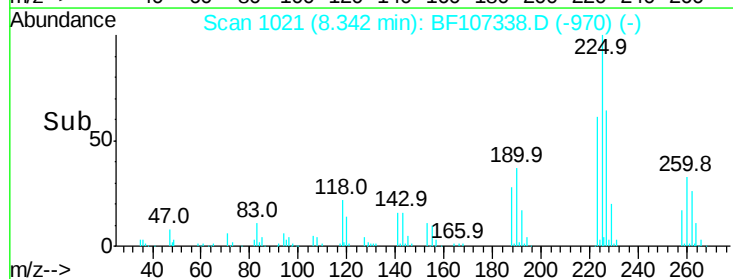
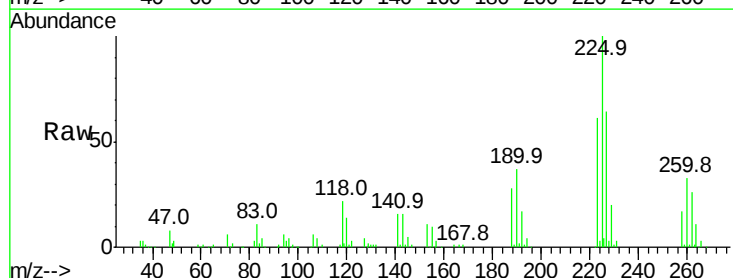
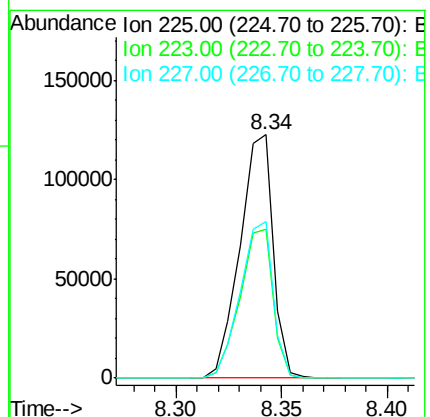
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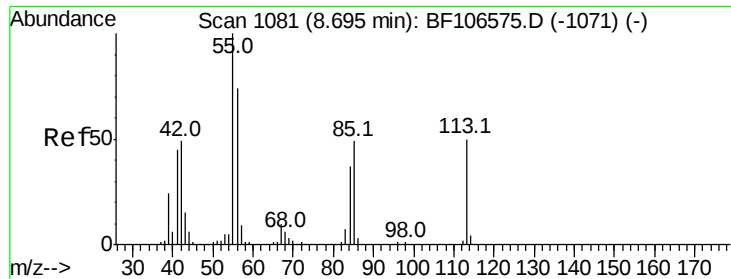
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#34
Hexachlorobutadiene
Concen: 43.899 ng
RT: 8.34 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	50.6	76.0
227	64.2	51.9	77.9





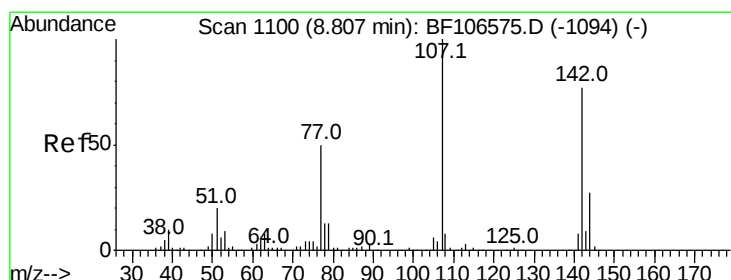
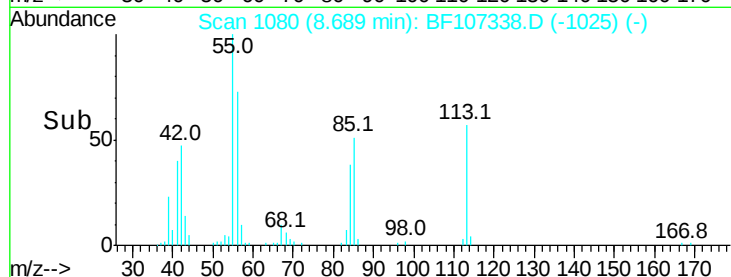
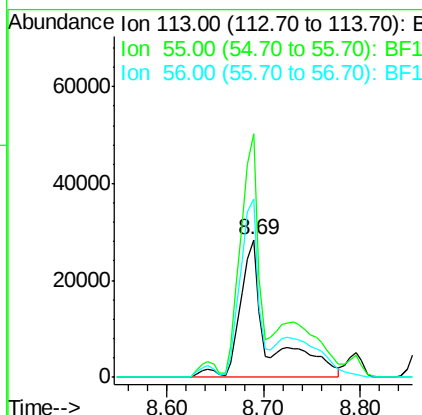
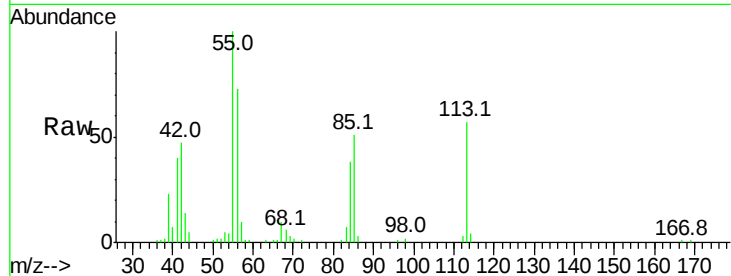
#35
 Caprolactam
 Concen: 42.510 ng/ml
 RT: 8.69 min Scan# 1080
 Delta R.T. 0.02 min
 Lab File: BF107338.D
 Acq: 12 Jul 2018 14:56

Instrument :
 BNA_F
 ClientSampleID :
 PB110987BS

Tot Ion:113 Resp: 58572
 Ion Ratio Lower Upper
 113 100
 55 176.8 163.3 203.3
 56 129.6 115.7 155.7

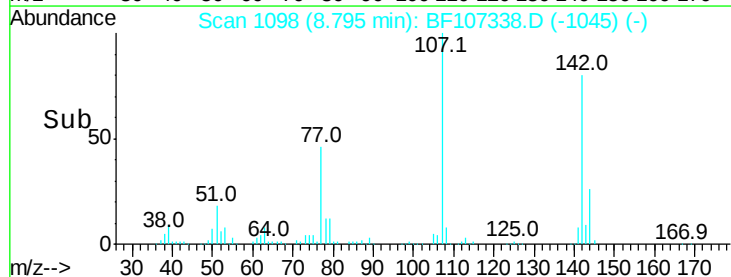
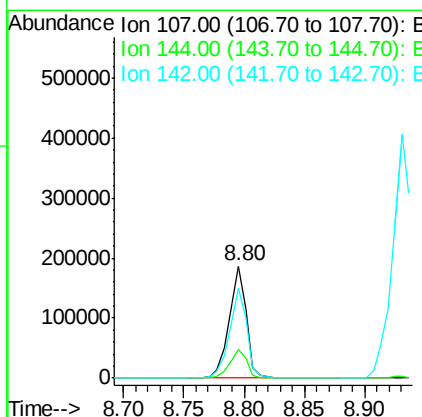
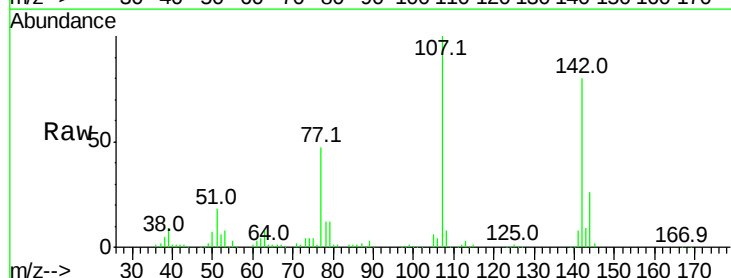
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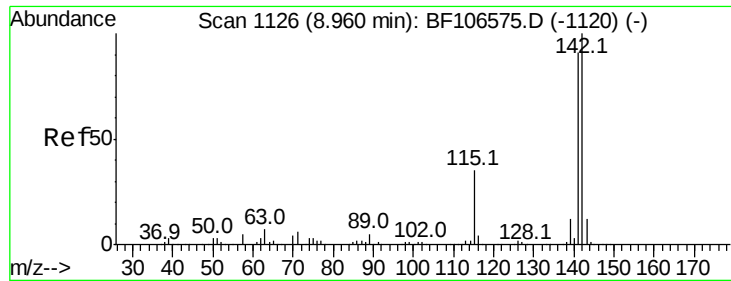
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#36
 4-Chloro-3-methylphenol
 Concen: 41.615 ng/ml
 RT: 8.80 min Scan# 1098
 Delta R.T. 0.01 min
 Lab File: BF107338.D
 Acq: 12 Jul 2018 14:56

Tgt Ion:107 Resp: 185149
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.5 30.7
 142 80.1 62.0 93.0





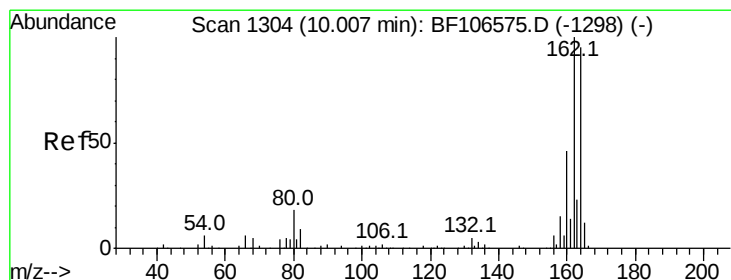
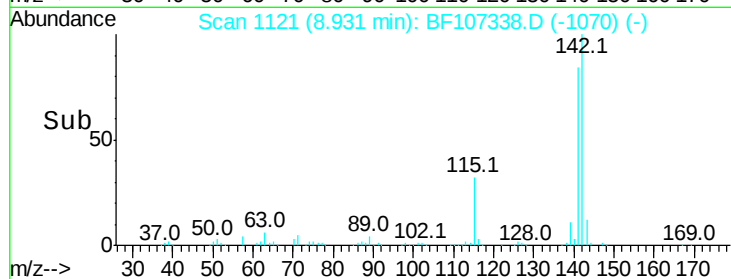
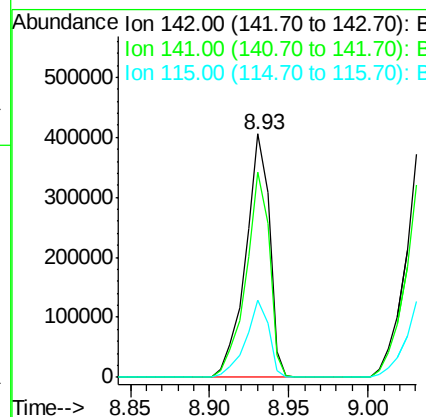
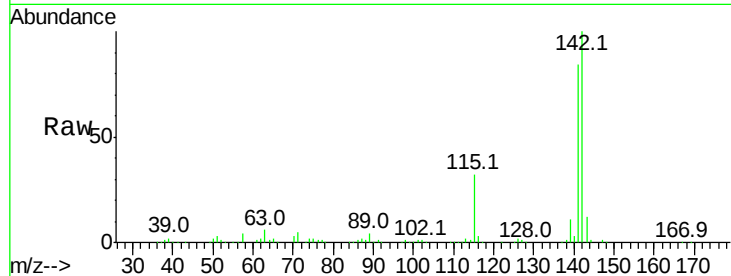
#37
2-Methylnaphthalene
Concen: 45.141 ng
RT: 8.93 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Instrument :
BNA_F
ClientSampled :
PB110987BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	84.2	70.8	106.2
115	31.6	26.1	39.1

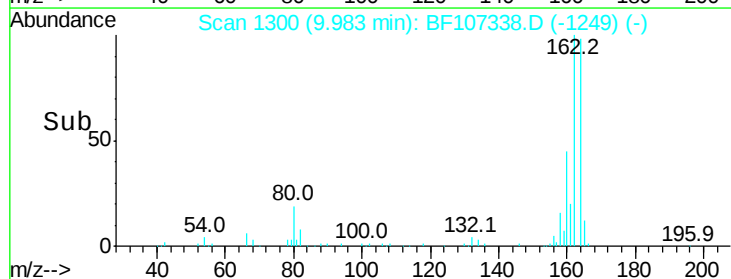
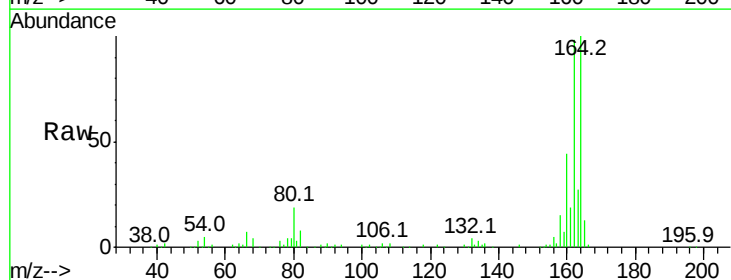
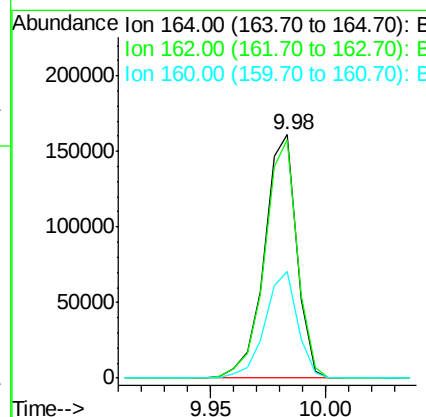
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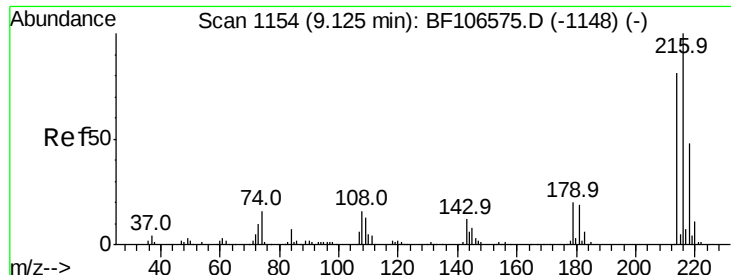
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.1	86.1	129.1
160	43.9	38.3	57.5





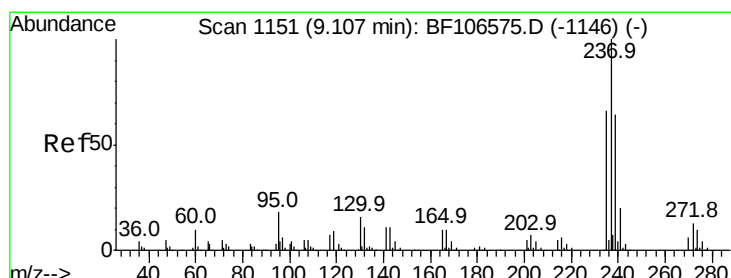
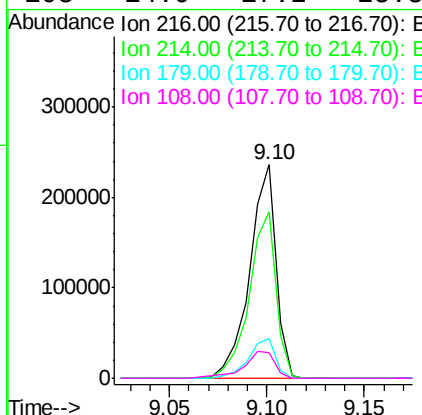
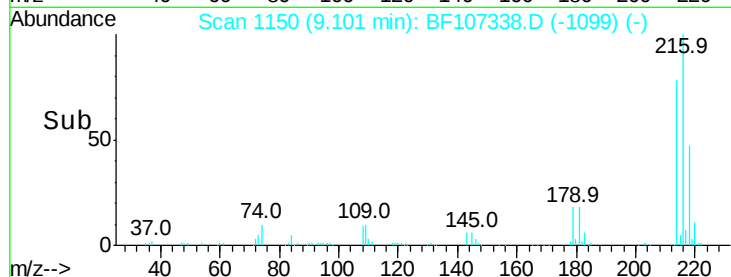
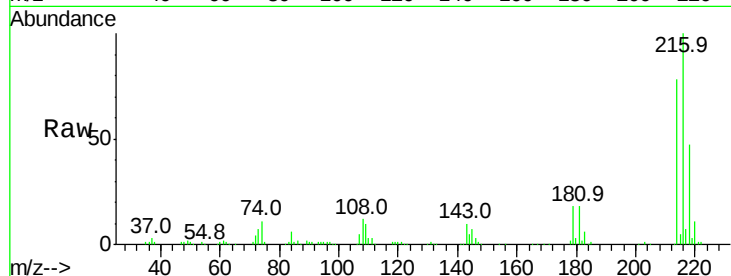
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.746 ng
 RT: 9.10 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BF107338.D
 Acq: 12 Jul 2018 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB110987BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	221904		
214	78.9	63.0	94.4	
179	19.0	18.1	27.1	
108	14.9	17.2	25.8	

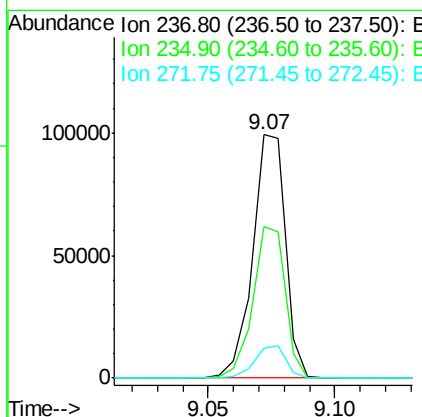
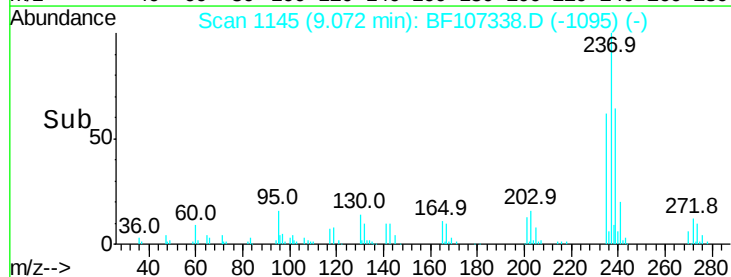
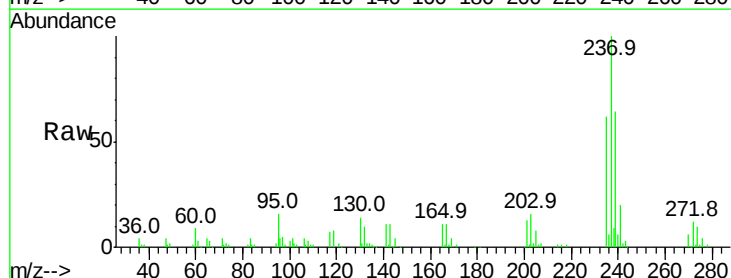
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#40
 Hexachlorocyclopentadiene
 Concen: 32.802 ng
 RT: 9.07 min Scan# 1145
 Delta R.T. -0.01 min
 Lab File: BF107338.D
 Acq: 12 Jul 2018 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	89707		
235	62.1	44.8	84.8	
272	12.5	0.0	33.3	





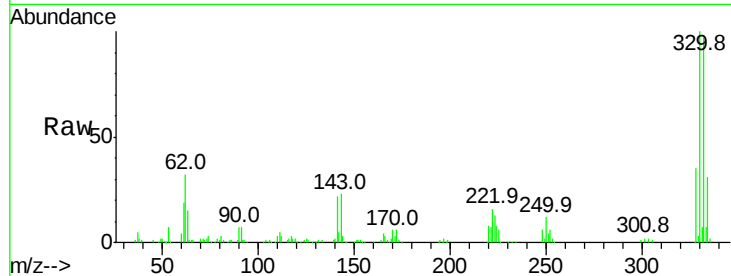
#41
 2,4,6-Tribromophenol
 Concen: 113.987 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: BF107338.D
 Acq: 12 Jul 2018 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB110987BS

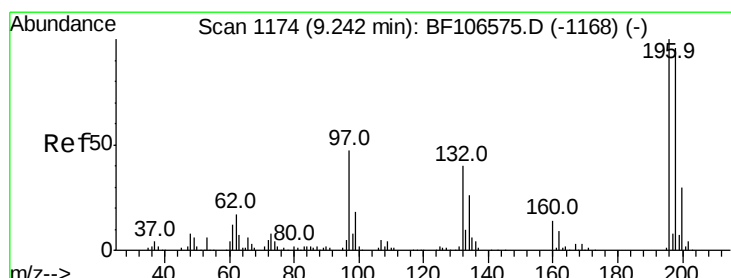
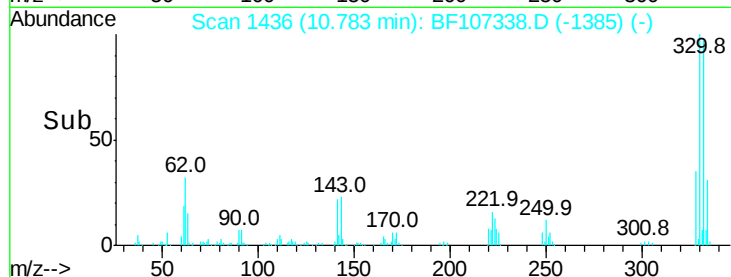
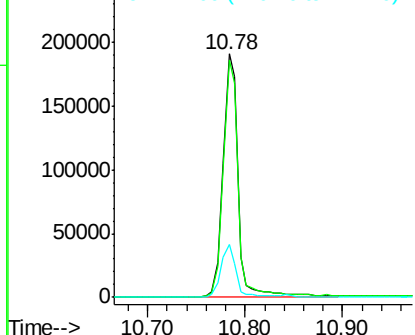
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	99.7	77.0	115.6	
141	21.6	29.9	44.9	

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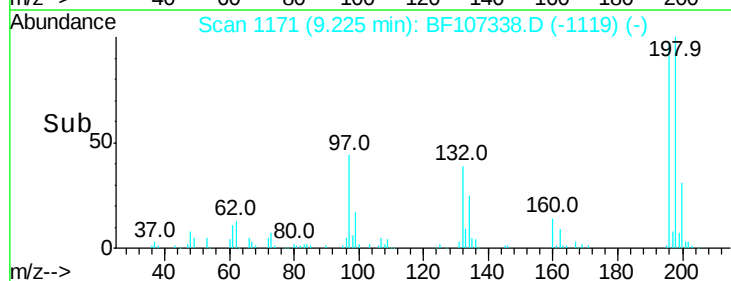
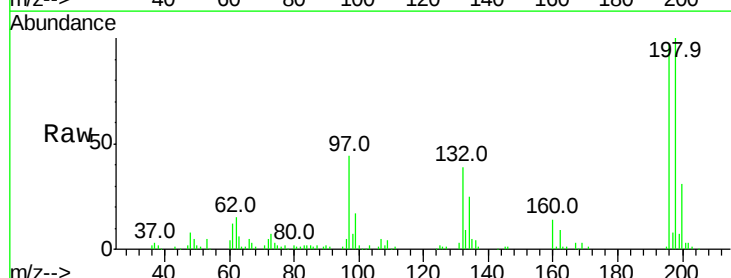
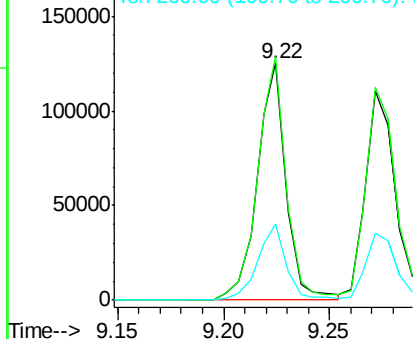
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 33.631 ng
 RT: 9.22 min Scan# 1171
 Delta R.T. 0.01 min
 Lab File: BF107338.D
 Acq: 12 Jul 2018 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	102.7	75.7	113.5	
200	32.1	24.5	36.7	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





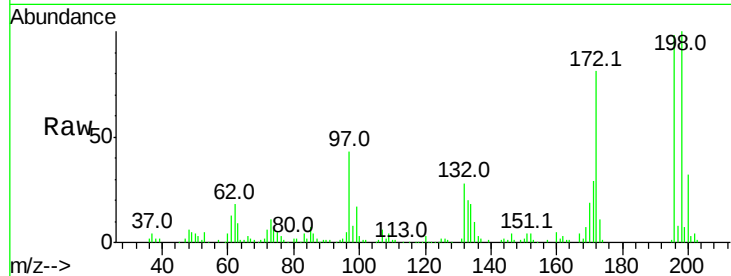
#43
 2,4,5-Trichlorophenol
 Concen: 31.388 ng
 RT: 9.27 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF107338.D
 Acq: 12 Jul 2018 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB110987BS

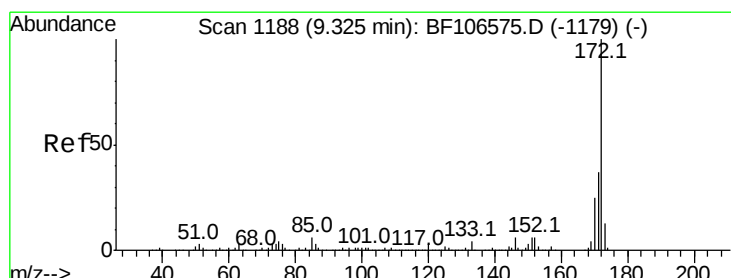
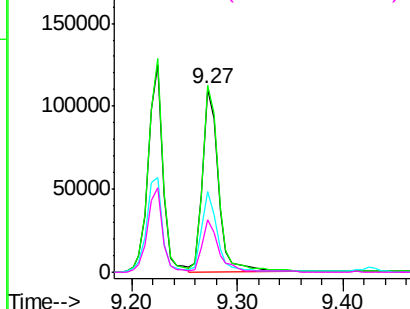
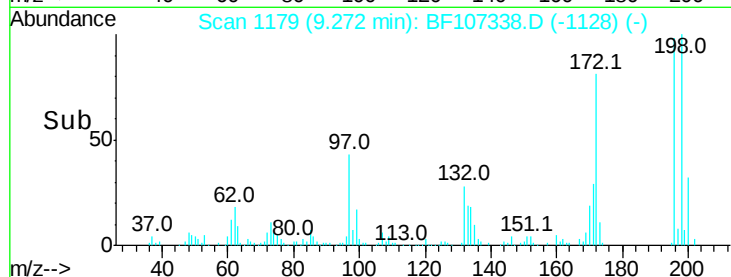
Tot Ion	Ratio	Resp	Lower	Upper
196	100	115724		
198	101.8	74.6	112.0	
97	44.1	42.9	64.3	
132	28.5	26.3	39.5	

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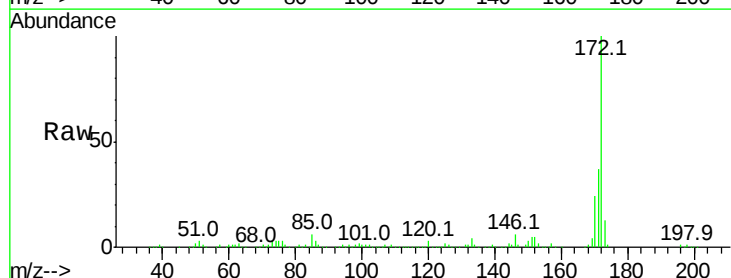


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

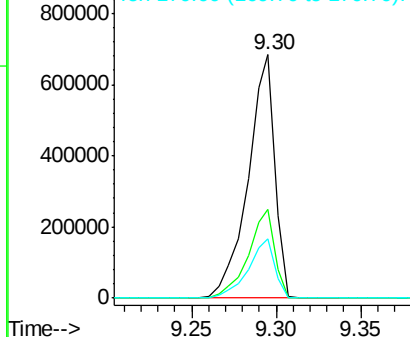
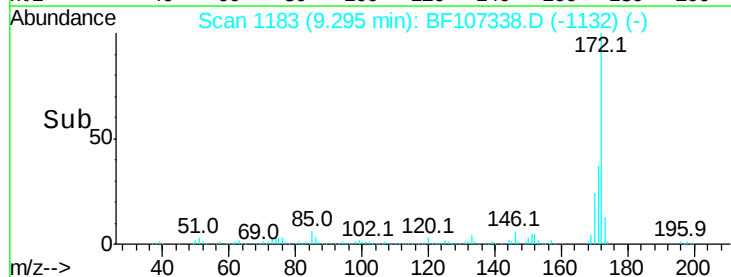


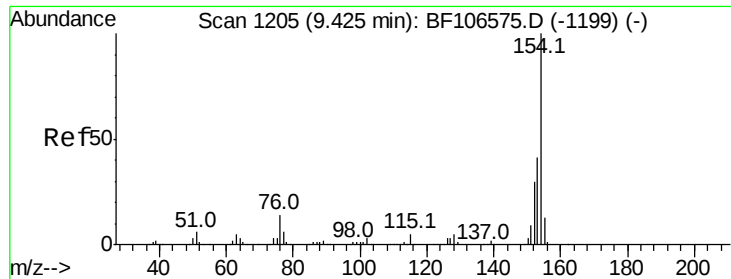
#44
 2-Fluorobiphenyl
 Concen: 80.322 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF107338.D
 Acq: 12 Jul 2018 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	756583		
171	36.7	29.7	44.5	
170	24.4	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





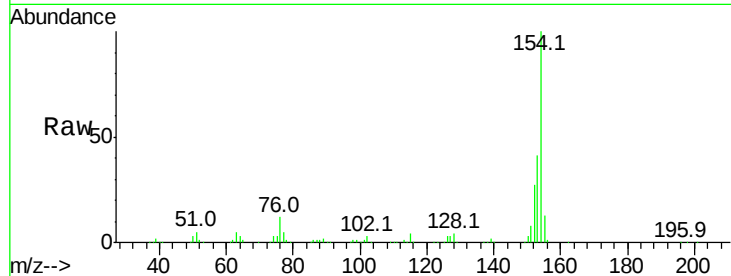
#45
 1,1'-Biphenyl
 Concen: 40.052 ng
 RT: 9.40 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF107338.D
 Acq: 12 Jul 2018 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB110987BS

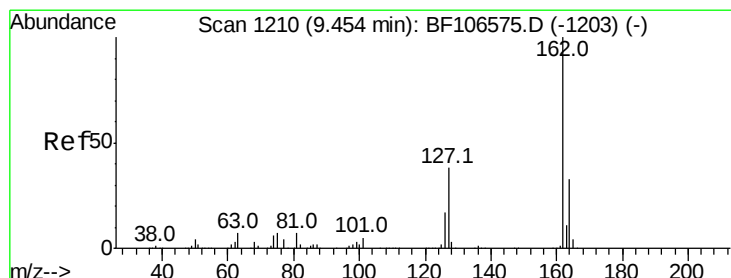
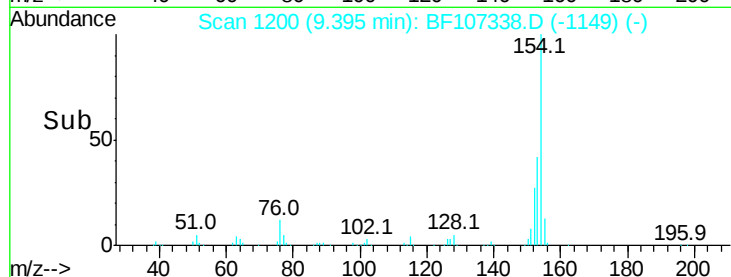
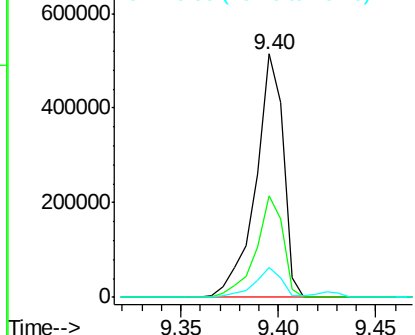
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.5	21.3	61.3	
76	12.3	0.0	34.0	

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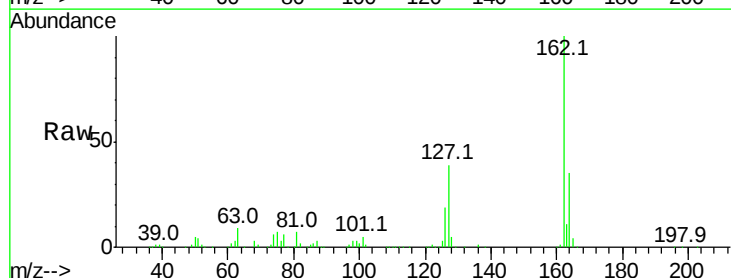


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

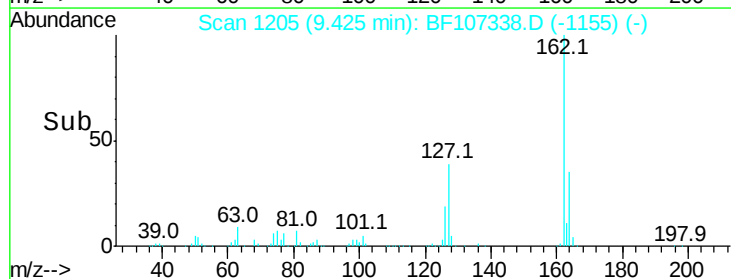
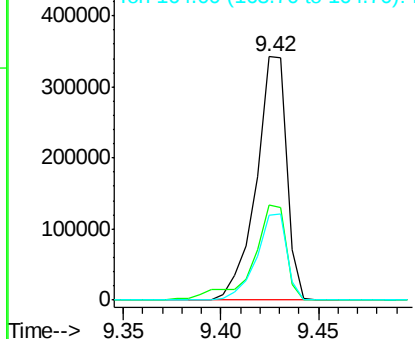


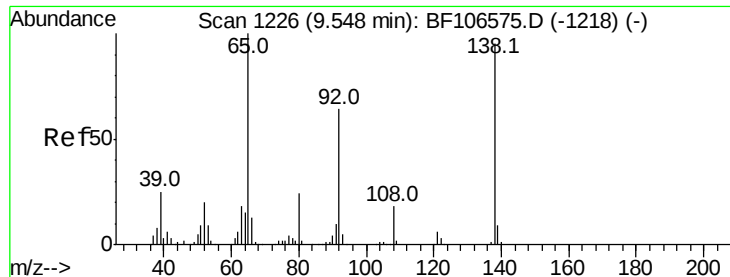
#46
 2-Chloronaphthalene
 Concen: 37.523 ng
 RT: 9.42 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF107338.D
 Acq: 12 Jul 2018 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.8	33.9	50.9	
164	35.0	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: 34.827 ng

RT: 9.54 min Scan# 1224

Delta R.T. 0.01 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

Instrument :

BNA_F

ClientSampleId :

PB110987BS

Tot Ion: 65 Resp: 115960

Ion Ratio Lower Upper

65 100

92 69.8 55.8 83.6

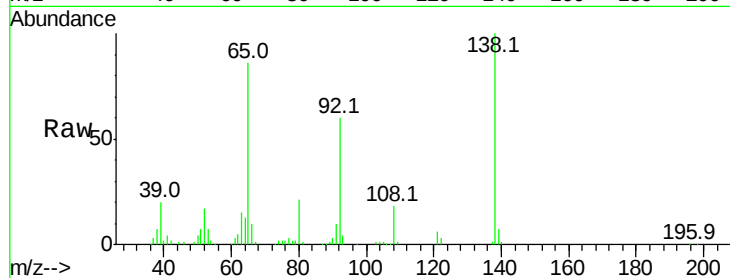
138 116.1 91.2 136.8

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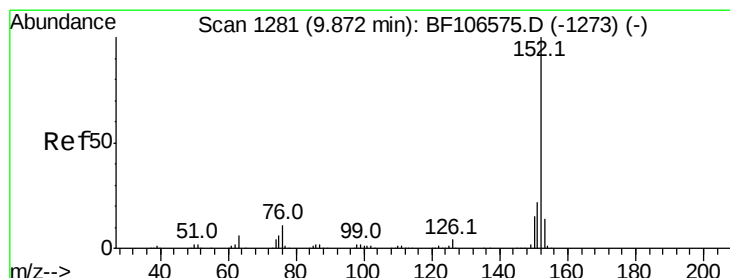
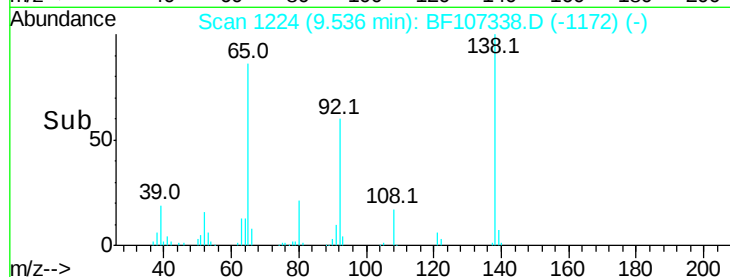
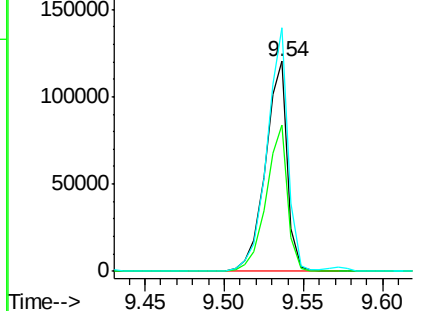
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Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 35.869 ng

RT: 9.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

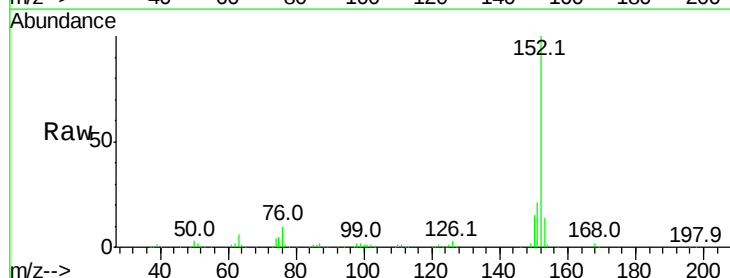
Tgt Ion: 152 Resp: 560718

Ion Ratio Lower Upper

152 100

151 20.8 16.3 24.5

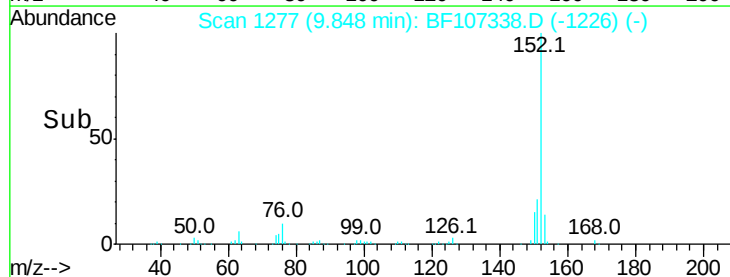
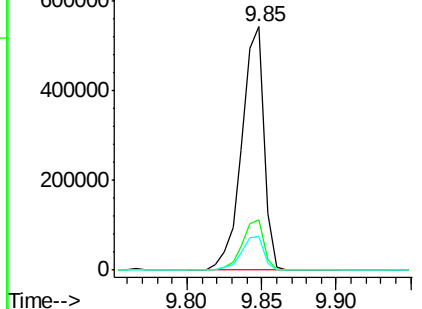
153 13.9 10.7 16.1

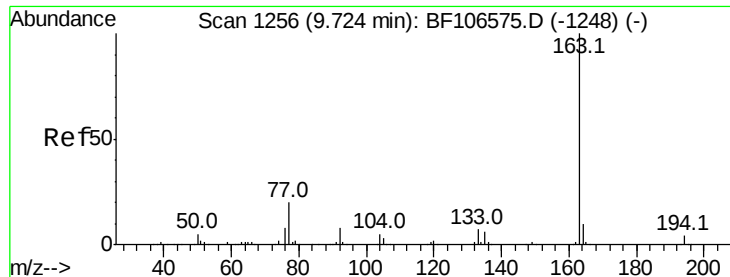


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





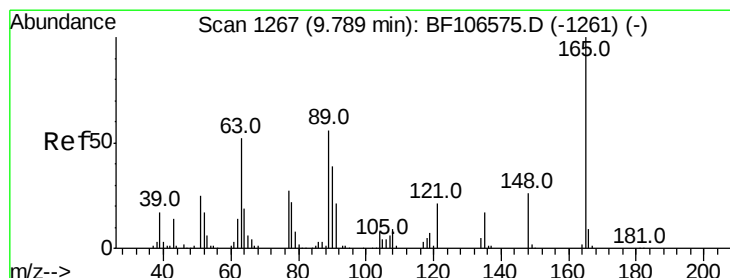
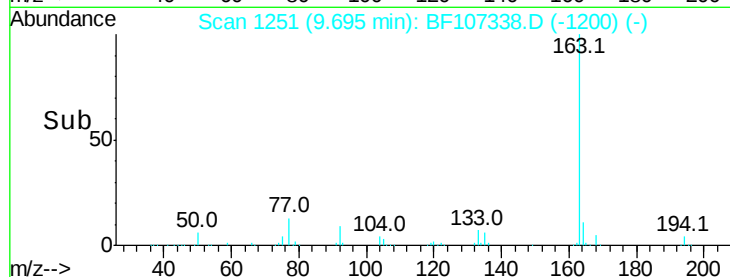
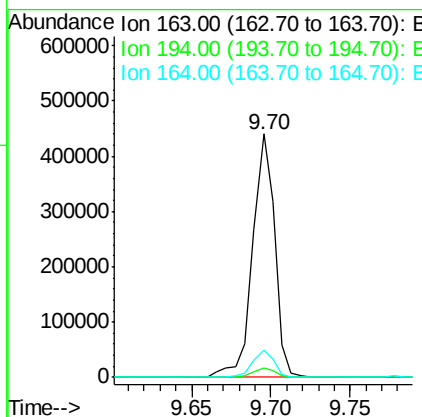
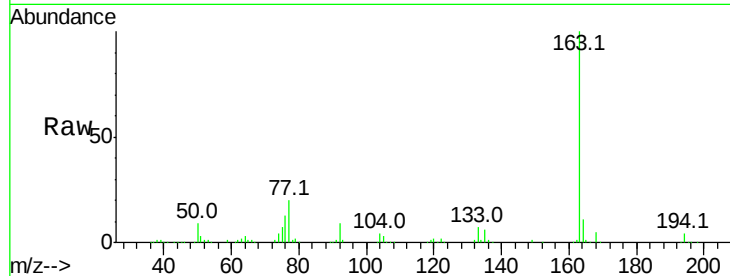
#49
Dimethylphthalate
Concen: 35.954 ng
RT: 9.70 min Scan# 1251
Delta R.T. 0.00 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Instrument :
BNA_F
ClientSampleId :
PB110987BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.9	2.7	4.1	
164	11.2	8.2	12.2	

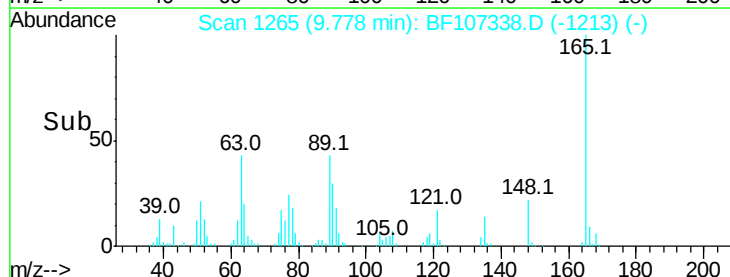
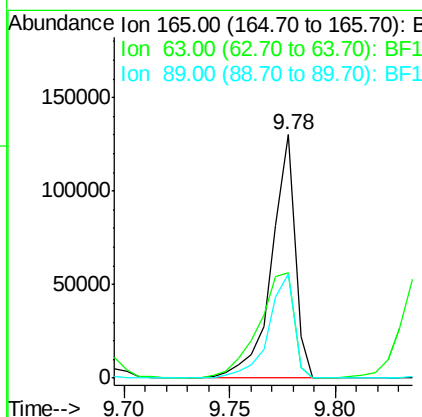
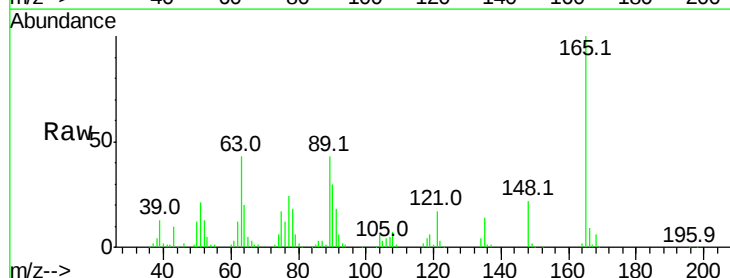
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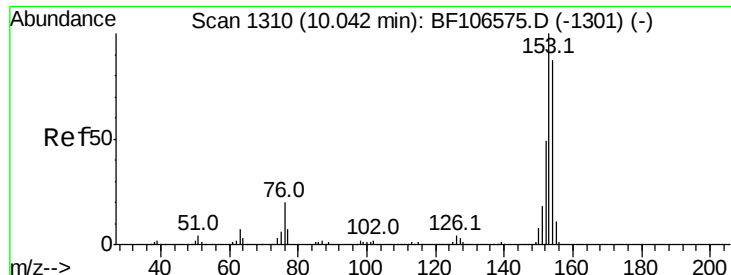
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#50
2,6-Dinitrotoluene
Concen: 40.274 ng
RT: 9.78 min Scan# 1265
Delta R.T. 0.01 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	43.2	44.7	67.1#	
89	42.7	44.0	66.0#	





#51

Acenaphthene

Concen: 35.477 ng

RT: 10.02 min Scan# 1306

Delta R.T. 0.00 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

Instrument :

BNA_F

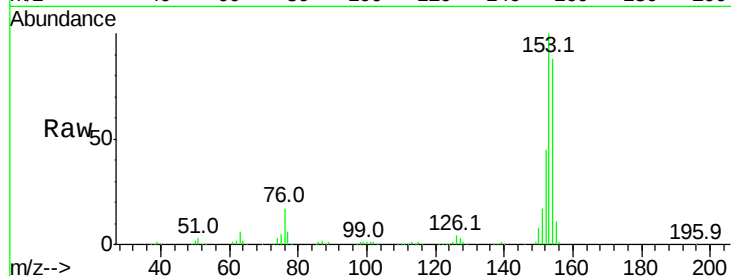
ClientSampled :

PB110987BS

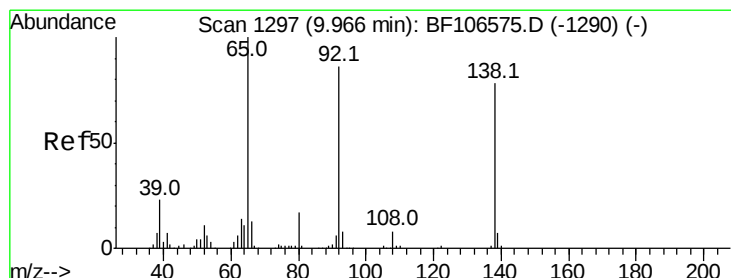
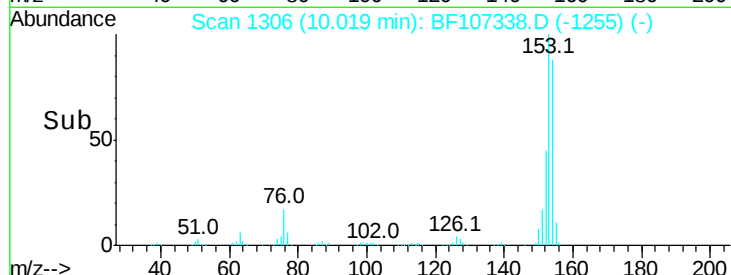
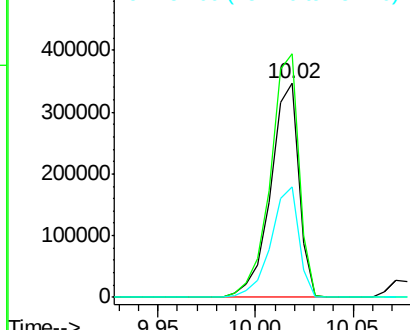
Tot Ion:	154	Resp:	349239
Ion Ratio	Lower	Upper	
154	100		
153	113.8	91.2	136.8
152	51.5	43.8	65.8

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



#52

3-Nitroaniline

Concen: 16.215 ng

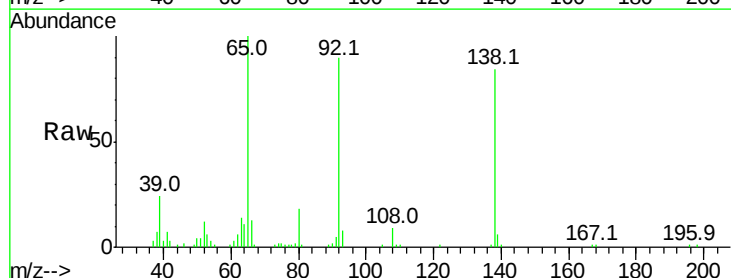
RT: 9.95 min Scan# 1294

Delta R.T. 0.00 min

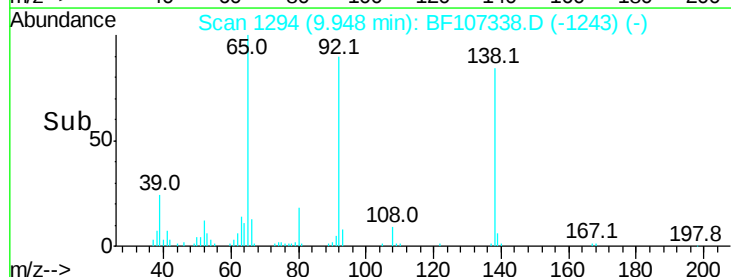
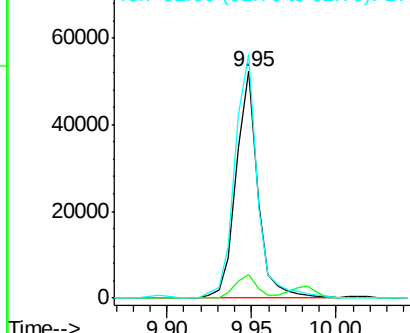
Lab File: BF107338.D

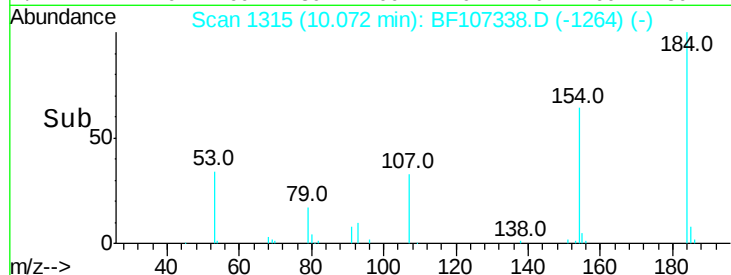
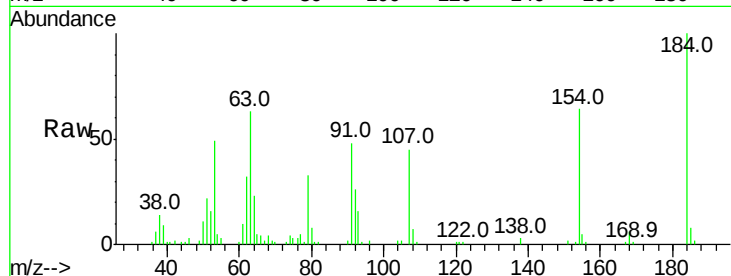
Acq: 12 Jul 2018 14:56

Tgt Ion:	138	Resp:	46773
Ion Ratio	Lower	Upper	
138	100		
108	10.4	9.4	14.0
92	107.5	89.4	134.2



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





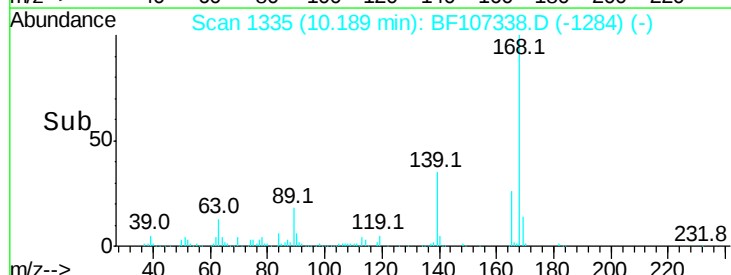
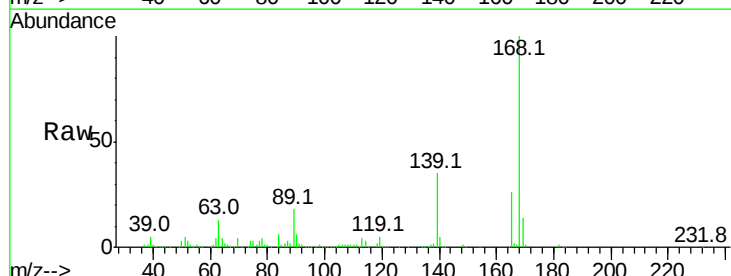
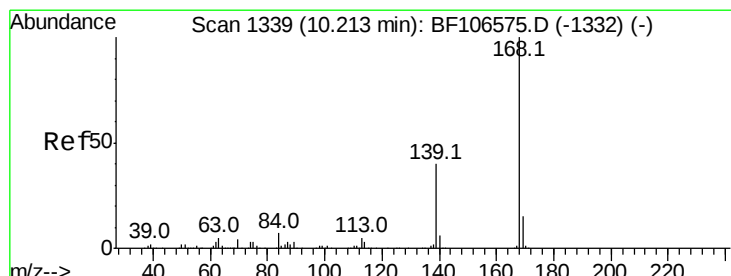
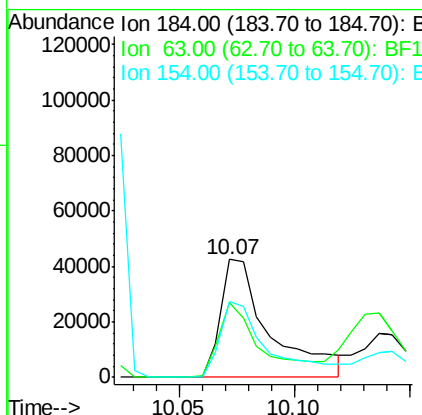
#53
2,4-Dinitrophenol
Concen: 50.465 ng
RT: 10.07 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Tot Ion	Ratio	Resp	Lower	Upper
184	100	63013		
63	62.9	54.2	81.2	
154	63.8	184.0	276.0	

Instrument :
BNA_F
ClientSampleId :
PB110987BS

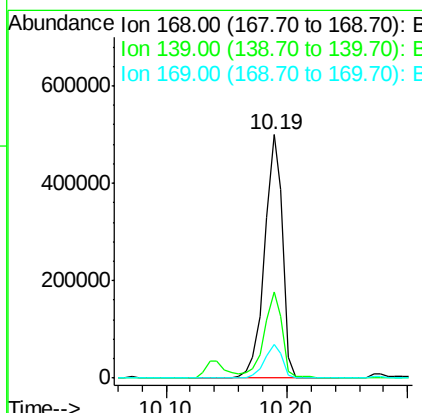
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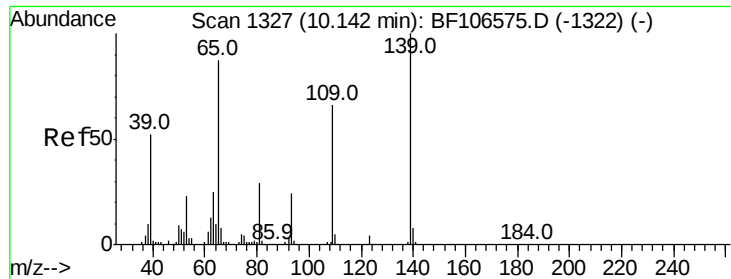
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#54
Dibenzofuran
Concen: 38.025 ng
RT: 10.19 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	512561		
139	35.3	30.1	45.1	
169	13.6	10.9	16.3	





#55

4-Nitrophenol

Concen: 20.525 ng

RT: 10.14 min Scan# 1326

Delta R.T. 0.01 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

Instrument :

BNA_F

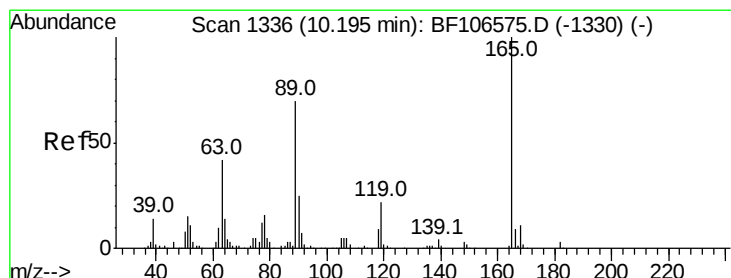
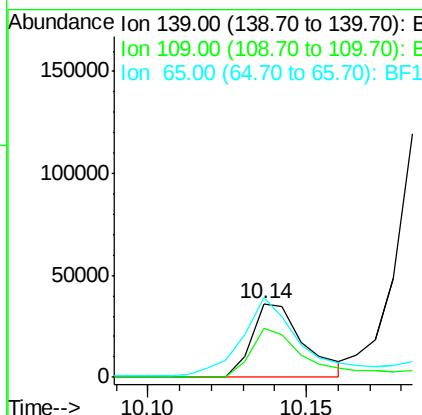
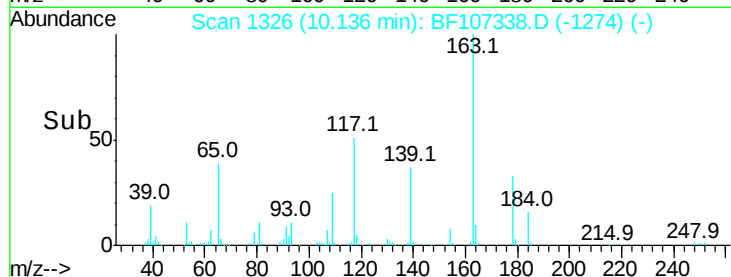
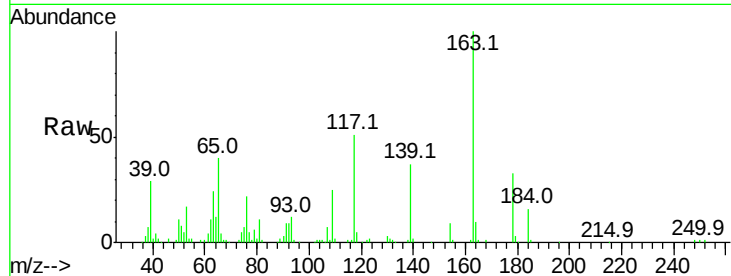
ClientSampleId :

PB110987BS

Tot Ion:139	Resp:	41327
Ion Ratio	Lower	Upper
139	100	
109	67.6	48.4 88.4
65	109.5	72.6 112.6

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#56

2,4-Dinitrotoluene

Concen: 36.522 ng

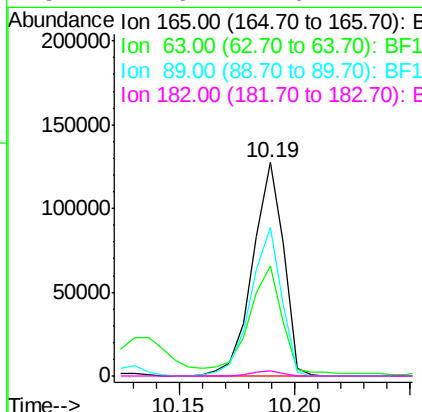
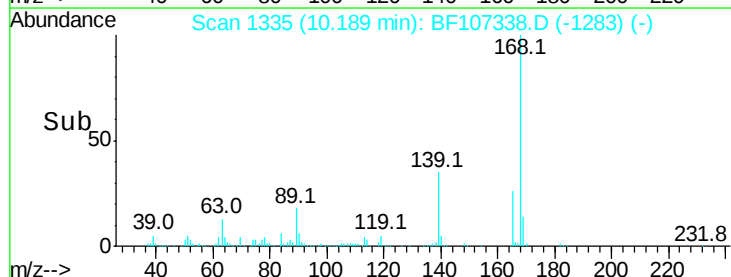
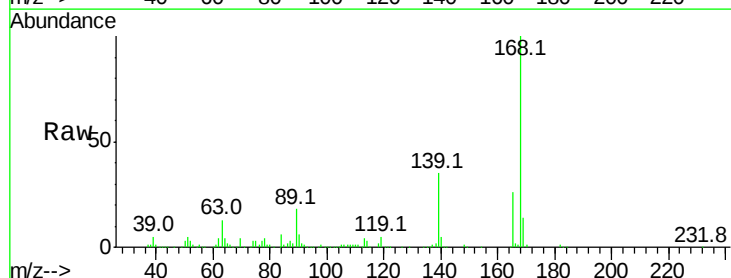
RT: 10.19 min Scan# 1335

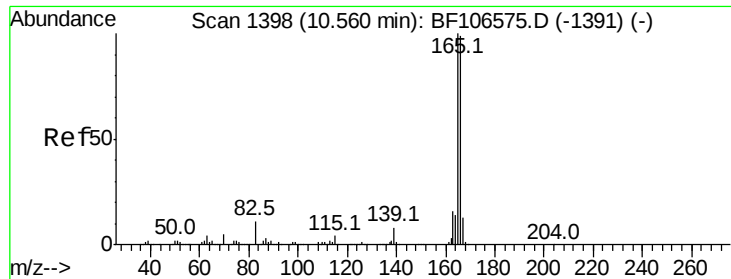
Delta R.T. 0.01 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

Tgt Ion:165	Resp:	119503
Ion Ratio	Lower	Upper
165	100	
63	51.7	36.4 54.6
89	69.6	57.8 86.6
182	2.6	1.6 2.4#





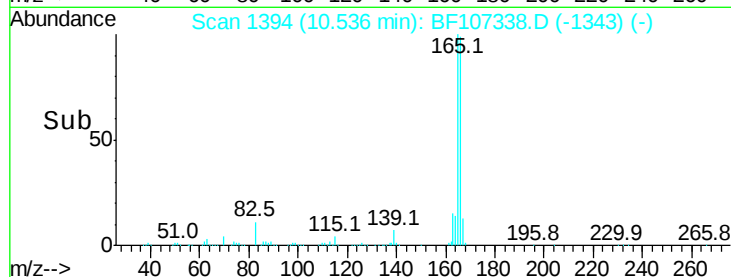
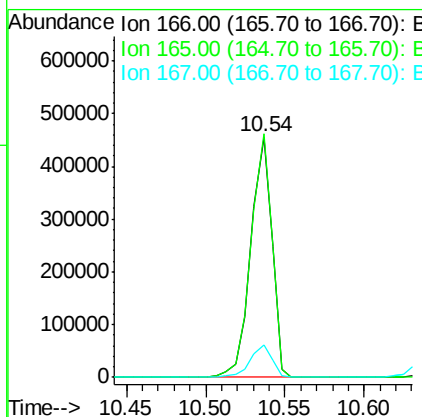
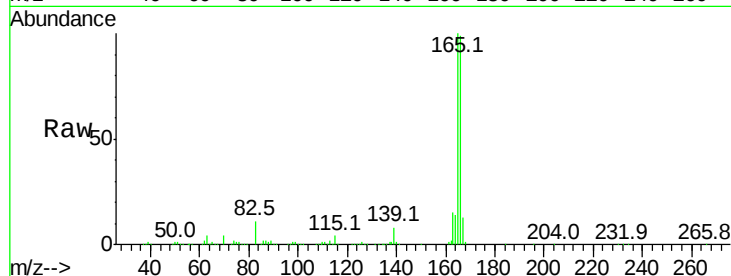
#57
Fluorene
 Concen: 39.431 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. 0.00 min
 Lab File: BF107338.D
 Acq: 12 Jul 2018 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB110987BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.4	79.8	119.8
167	13.4	10.6	16.0

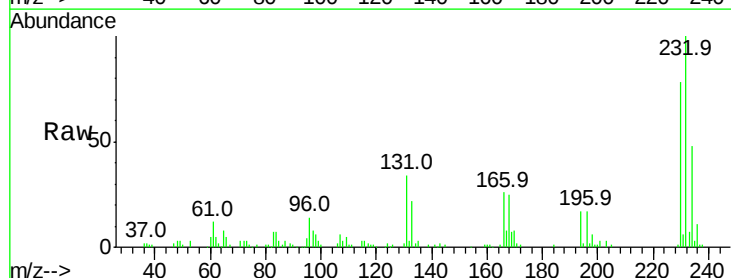
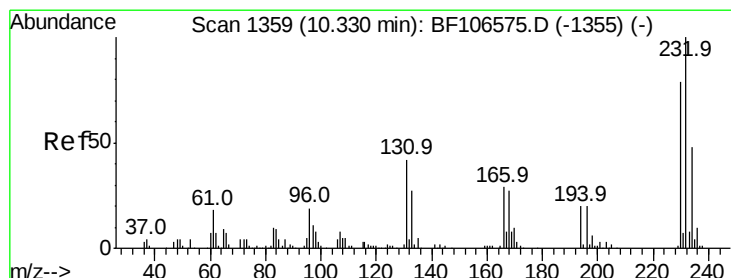
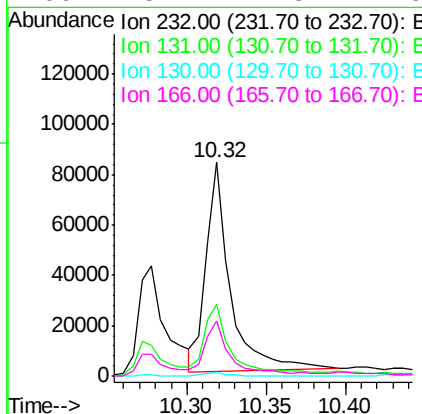
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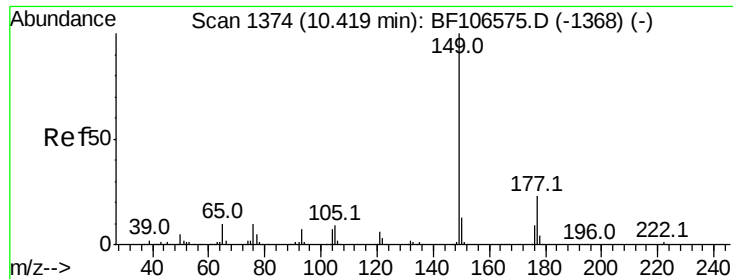
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 30.164 ng
 RT: 10.32 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: BF107338.D
 Acq: 12 Jul 2018 14:56

Tgt Ion	Ratio	Lower	Upper
232	100		
131	34.3	43.8	65.8#
130	1.6	2.1	3.1#
166	23.2	27.8	41.6#





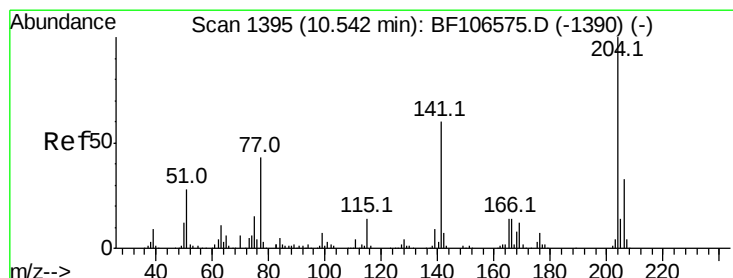
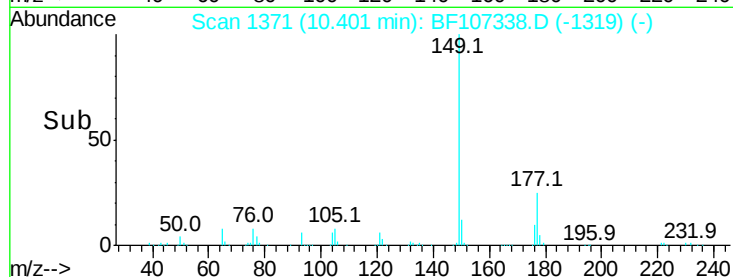
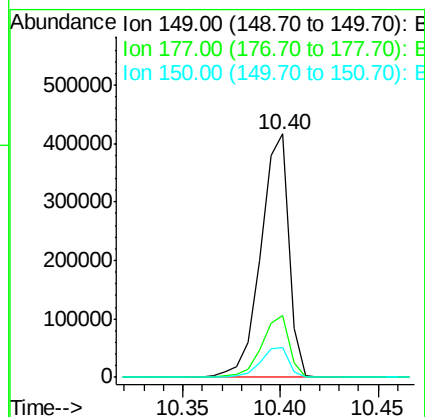
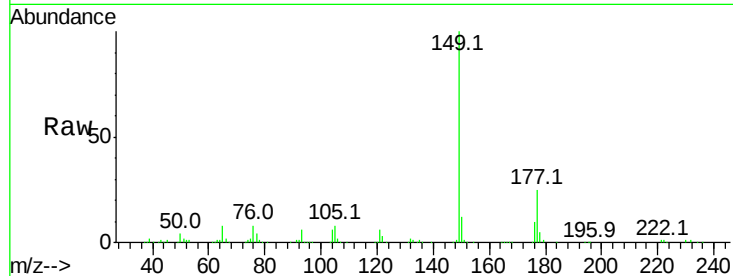
#59
Diethylphthalate
Concen: 36.248 ng
RT: 10.40 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Instrument :
BNA_F
ClientSampled :
PB110987BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	25.2	16.1	24.1#
150	12.2	10.1	15.1

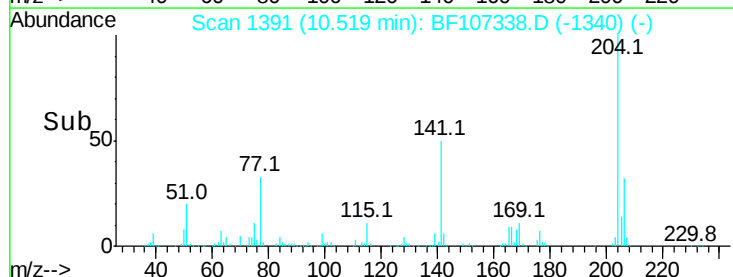
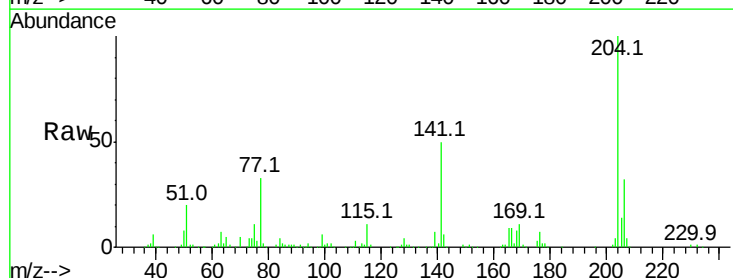
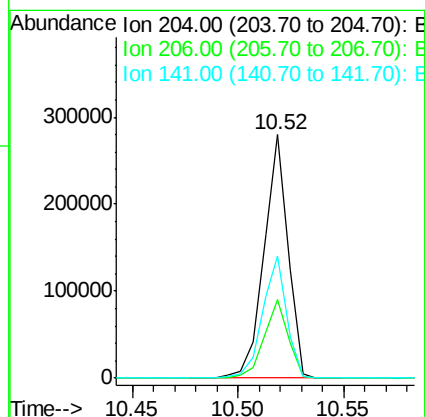
Manual Integrations
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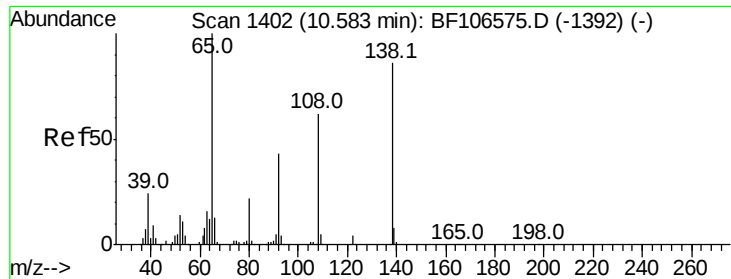
Sohil
7/13/2018 12:37:42 PM



#60
4-Chlorophenyl-phenylether
Concen: 39.743 ng
RT: 10.52 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.5	39.7
141	50.4	54.6	81.8#





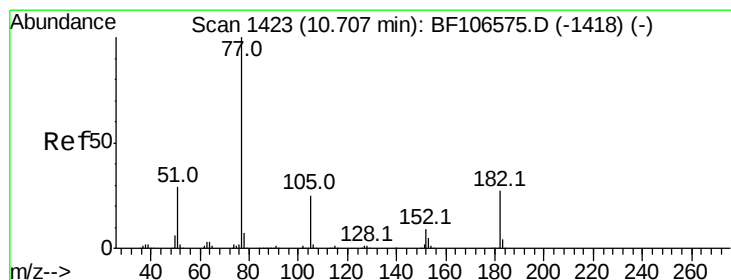
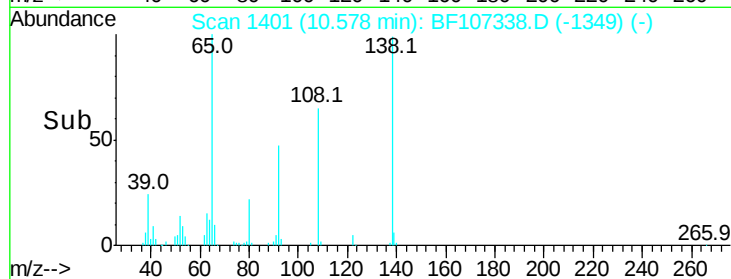
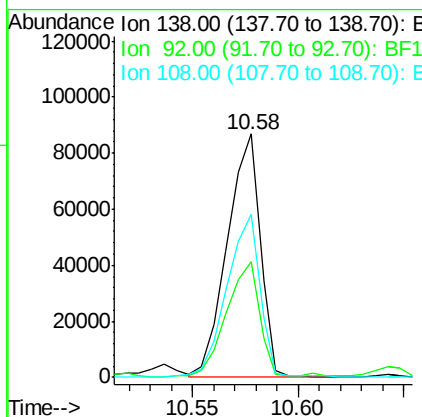
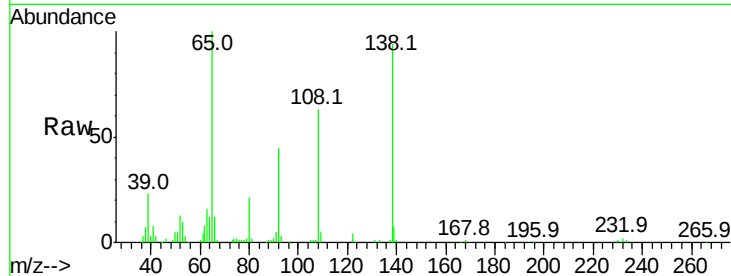
#61
4-Nitroaniline
Concen: 32.836 ng
RT: 10.58 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Instrument :
BNA_F
ClientSampleId :
PB110987BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.7	30.2	70.2
108	67.1	52.5	92.5

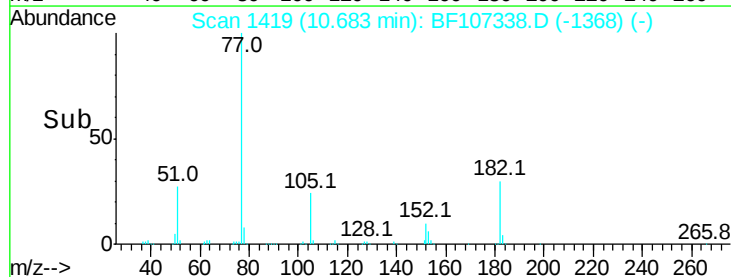
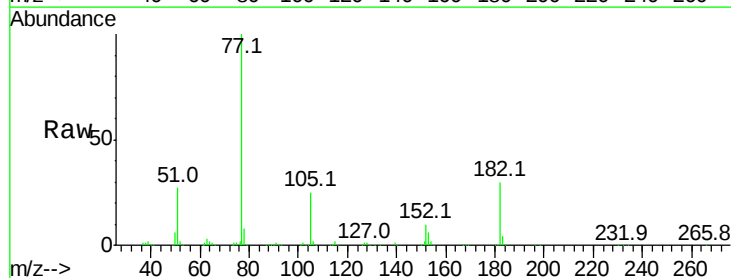
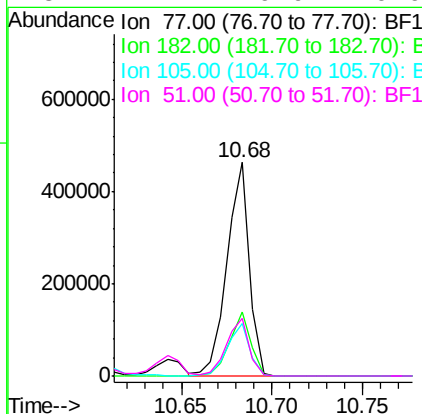
Manual Integrations
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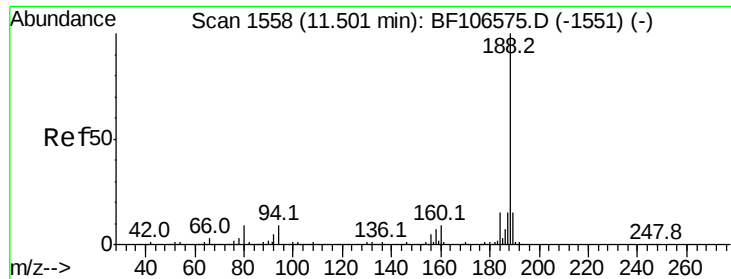
Sohil
7/13/2018 12:37:42 PM



#62
Azobenzene
Concen: 35.371 ng
RT: 10.68 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Tgt Ion	Ratio	Lower	Upper
77	100		
182	30.2	1.7	41.7
105	24.8	3.0	43.0
51	27.2	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1554

Delta R.T. 0.00 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

Instrument :

BNA_F

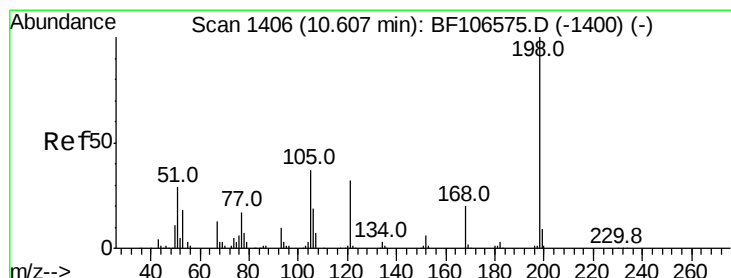
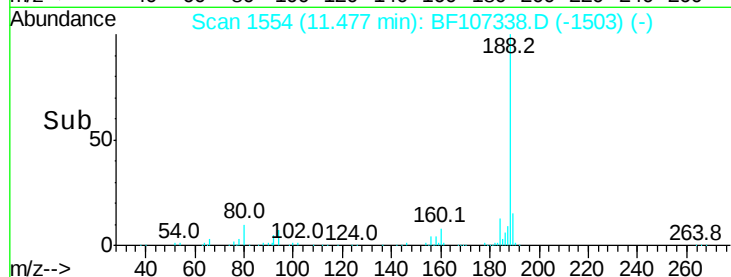
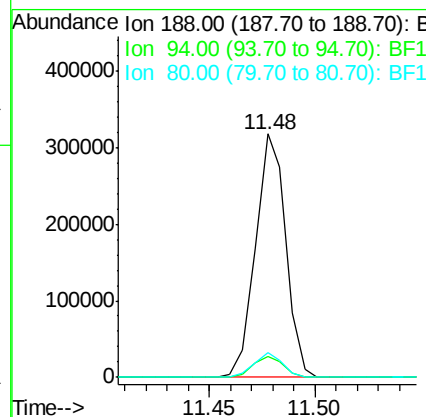
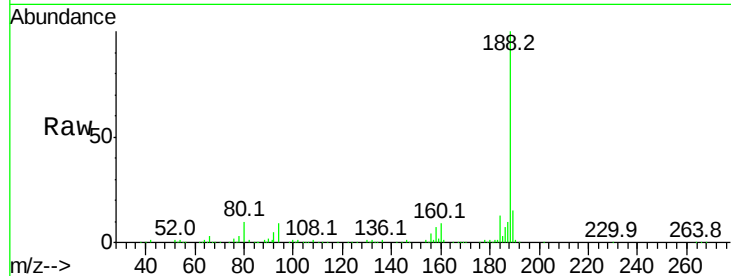
ClientSampleId :

PB110987BS

Tot Ion:	188	Resp:	316798
Ion Ratio	Lower	Upper	
188	100		
94	8.8	8.5	12.7
80	9.9	9.2	13.8

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#64

4,6-Dinitro-2-methylphenol

Concen: 35.300 ng

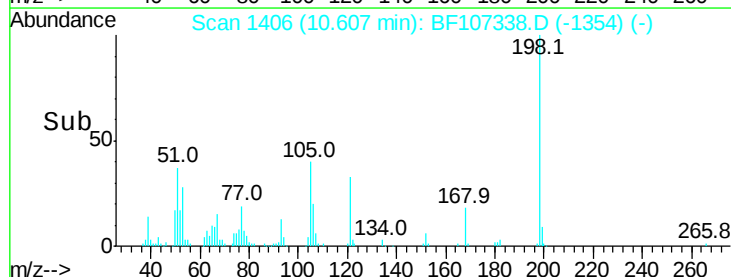
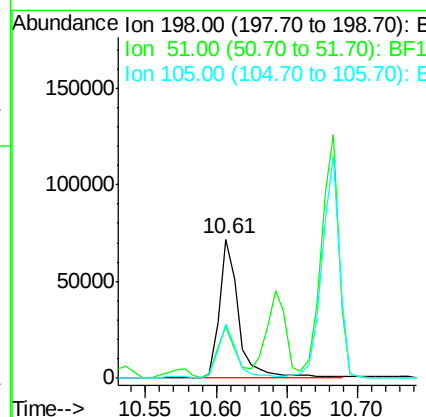
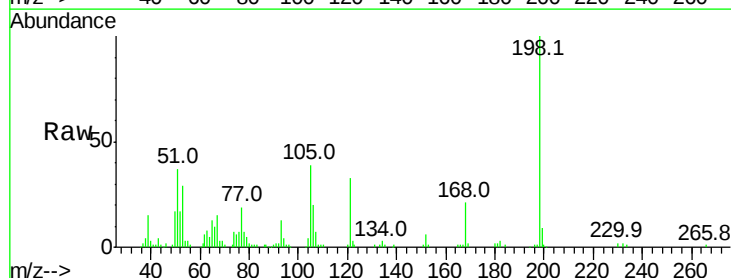
RT: 10.61 min Scan# 1406

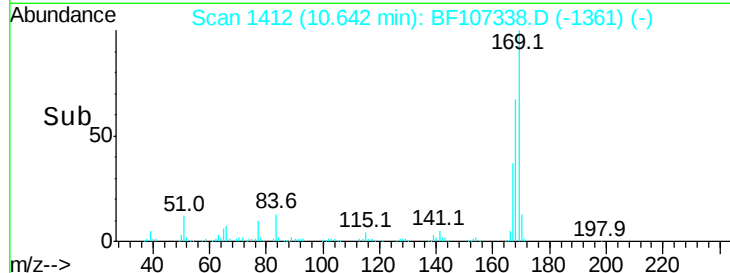
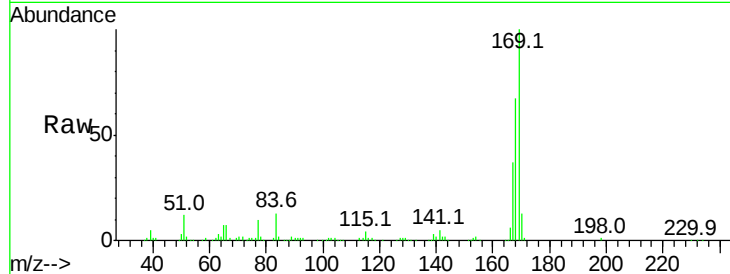
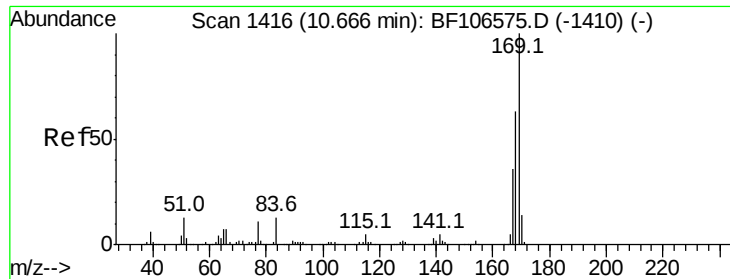
Delta R.T. 0.01 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

Tgt Ion:	198	Resp:	69126
Ion Ratio	Lower	Upper	
198	100		
51	37.3	37.7	77.7#
105	39.2	36.3	76.3





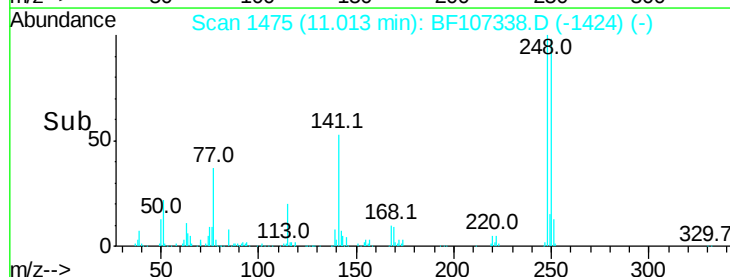
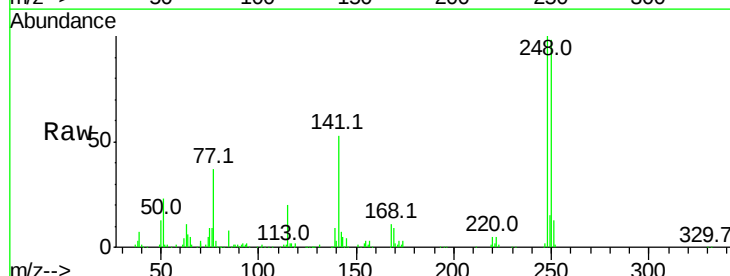
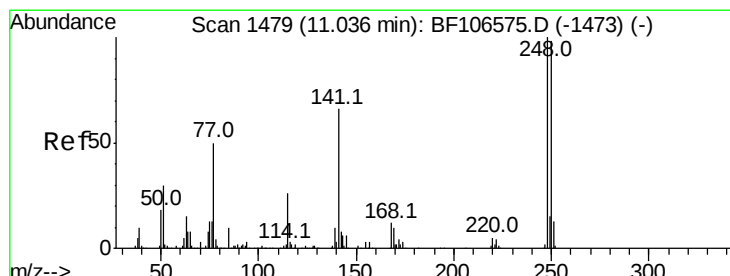
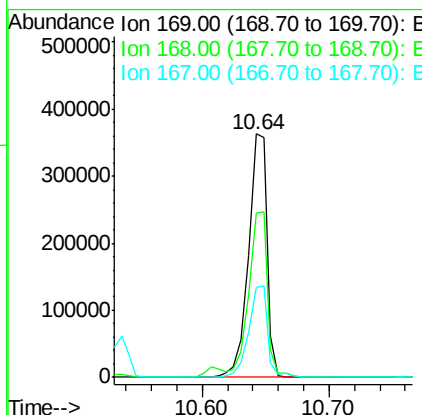
#65
n-Nitrosodiphenylamine
Concen: 34.813 ng
RT: 10.64 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Instrument :
BNA_F
ClientSampleId :
PB110987BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.3	54.4	81.6
167	37.0	29.8	44.6

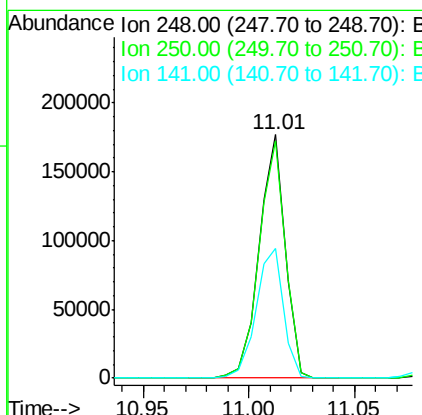
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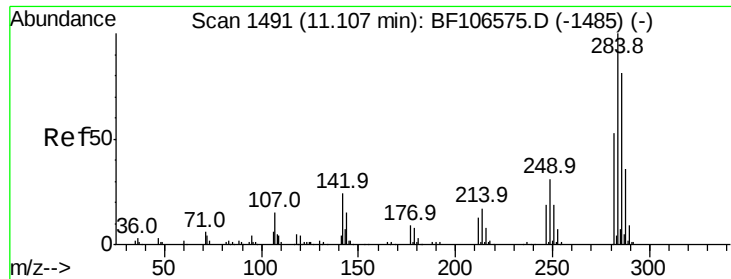
Sohil
7/13/2018 12:37:42 PM



#66
4-Bromophenyl-phenylether
Concen: 40.307 ng
RT: 11.01 min Scan# 1475
Delta R.T. 0.00 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.6	76.9	115.3
141	53.4	74.4	111.6





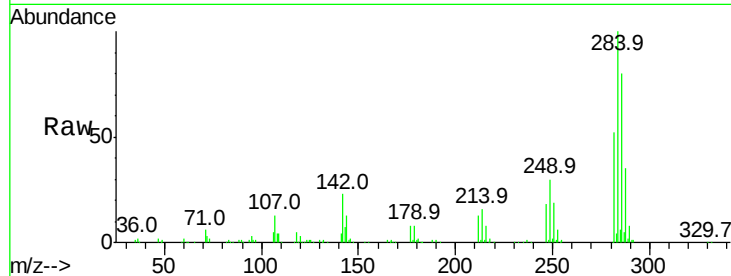
#67
Hexachlorobenzene
Concen: 41.280 ng
RT: 11.09 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Instrument :
BNA_F
ClientSampleId :
PB110987BS

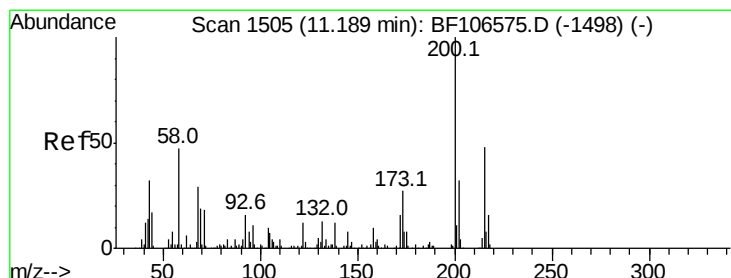
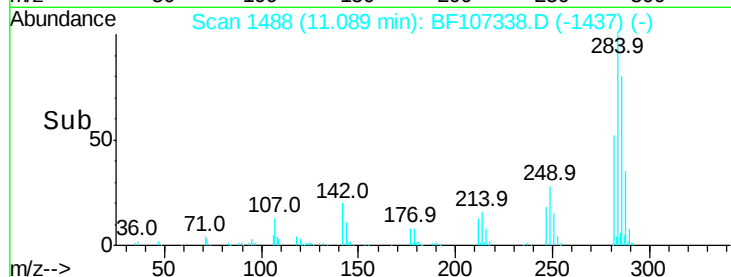
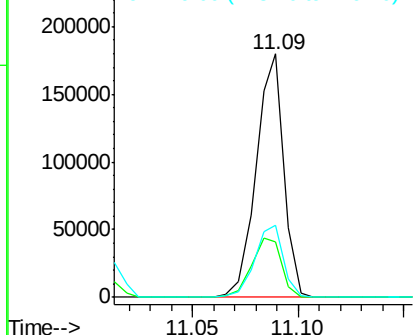
Tot Ion	Ratio	Resp	Lower	Upper
284	100	163351		
142	22.7	34.6	52.0#	
249	29.5	24.8	37.2	

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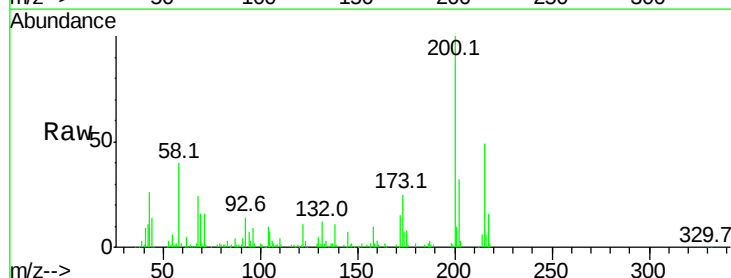


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

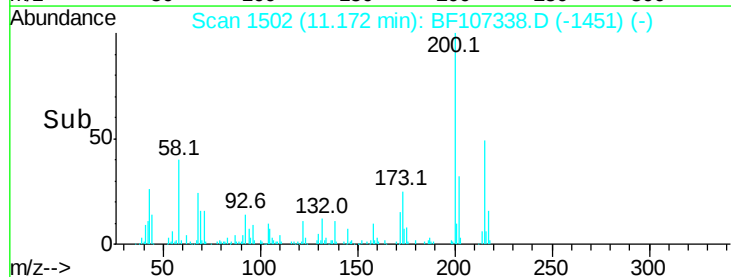
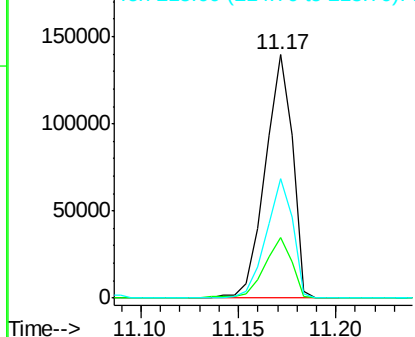


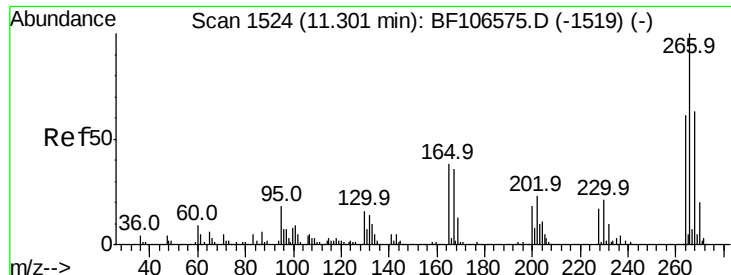
#68
Atrazine
Concen: 39.896 ng
RT: 11.17 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	135147		
173	25.0	8.6	48.6	
215	49.3	25.1	65.1	



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





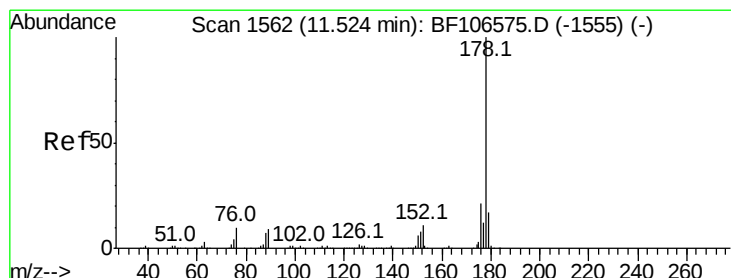
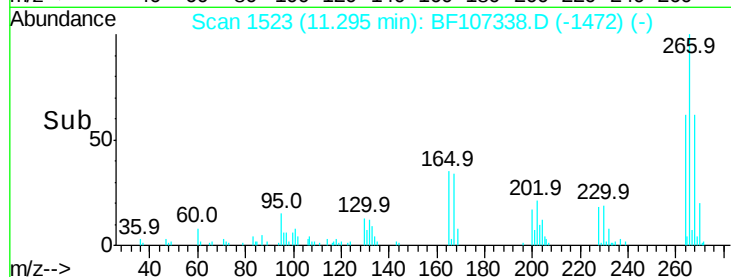
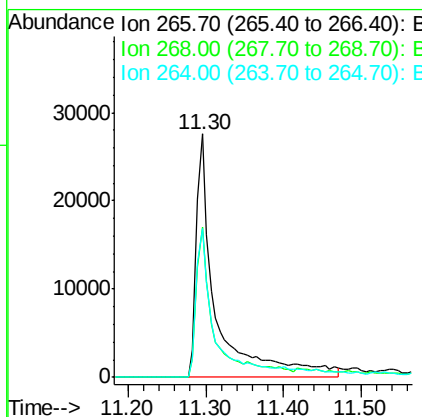
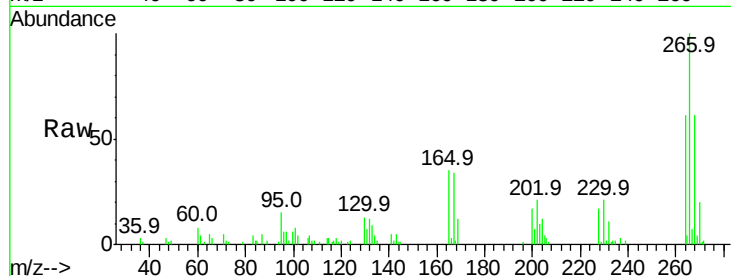
#69
 Pentachlorophenol
 Concen: 24.657 ng m
 RT: 11.30 min Scan# 1523
 Delta R.T. 0.00 min
 Lab File: BF107338.D
 Acq: 12 Jul 2018 14:56

Instrument :
 BNA_F
 ClientSampled :
 PB110987BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.4	51.1	76.7
264	60.9	49.5	74.3

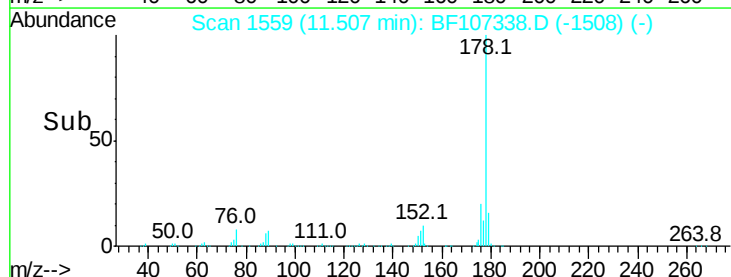
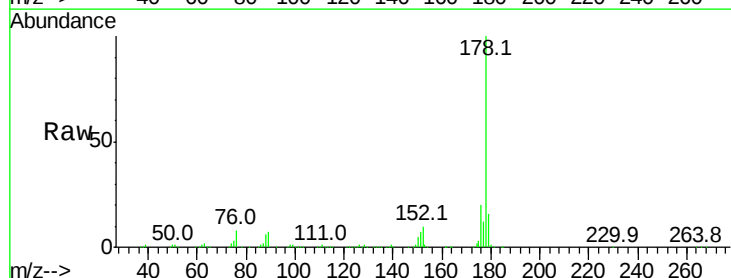
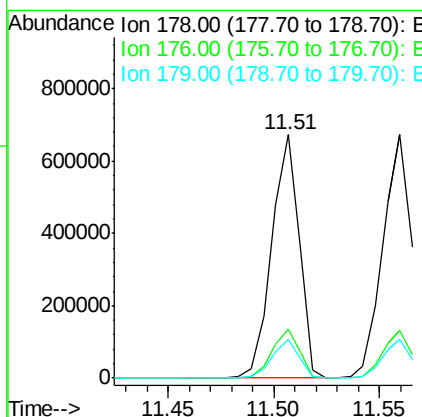
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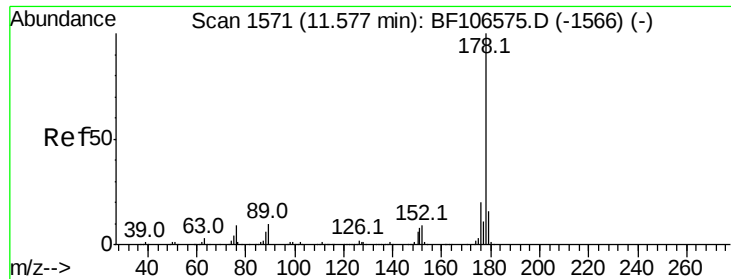
Sohil
 7/13/2018 12:37:42 PM



#70
 Phenanthrene
 Concen: 39.828 ng
 RT: 11.51 min Scan# 1559
 Delta R.T. 0.00 min
 Lab File: BF107338.D
 Acq: 12 Jul 2018 14:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	15.8	13.0	19.6





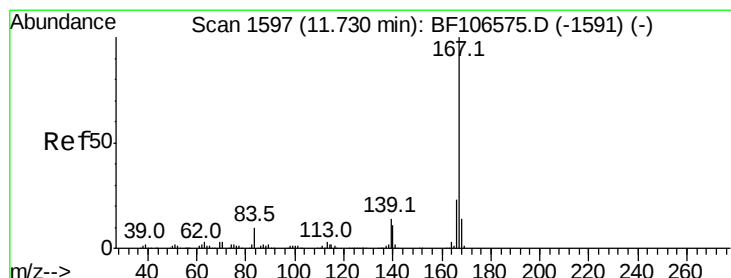
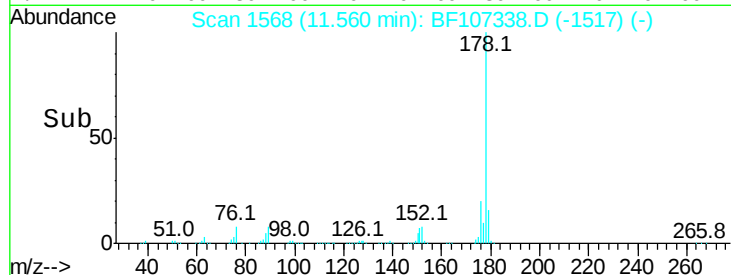
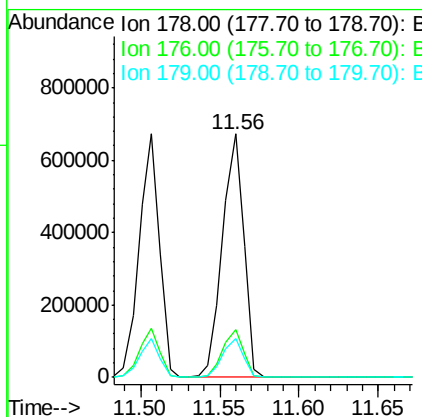
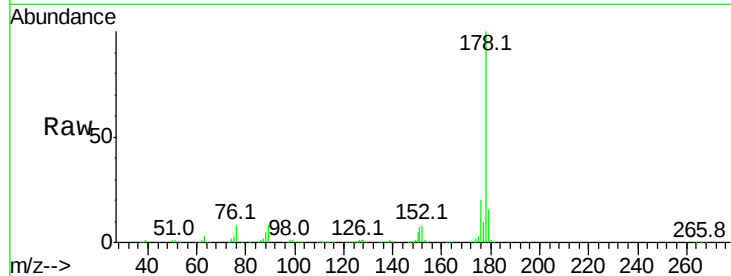
#71
 Anthracene
 Concen: 40.465 ng
 RT: 11.56 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: BF107338.D
 Acq: 12 Jul 2018 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB110987BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	16.2	12.6	19.0

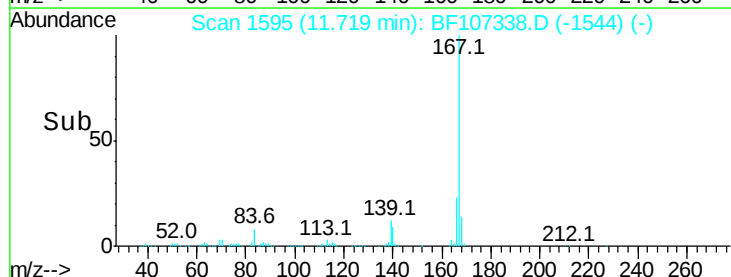
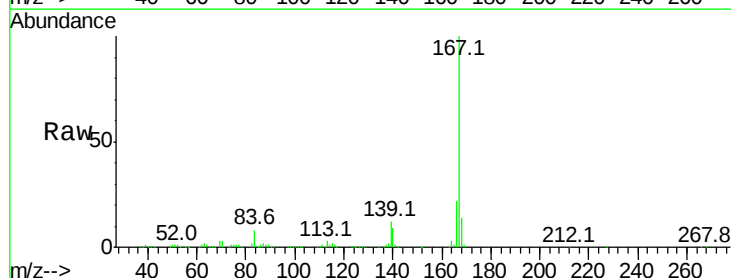
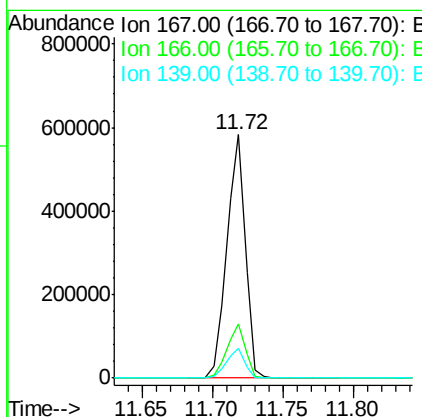
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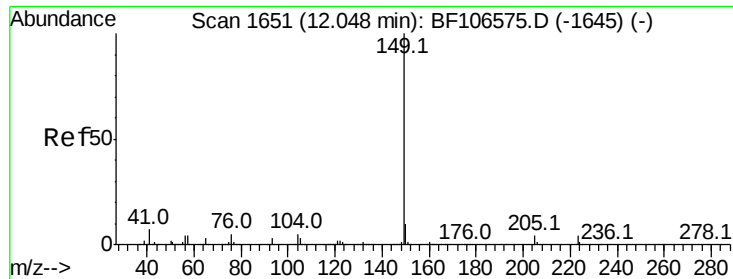
Sohil
 7/13/2018 12:37:42 PM



#72
 Carbazole
 Concen: 36.337 ng
 RT: 11.72 min Scan# 1595
 Delta R.T. 0.00 min
 Lab File: BF107338.D
 Acq: 12 Jul 2018 14:56

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	12.2	10.9	16.3





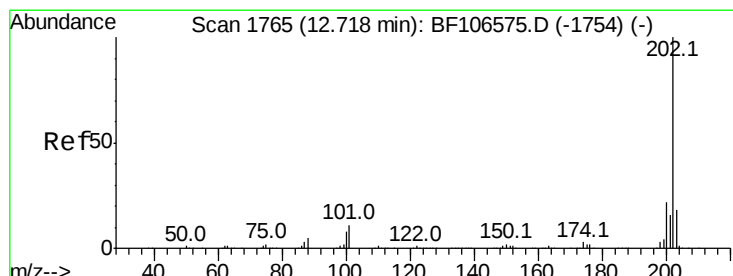
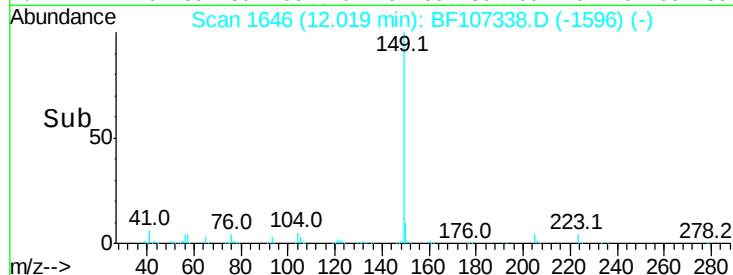
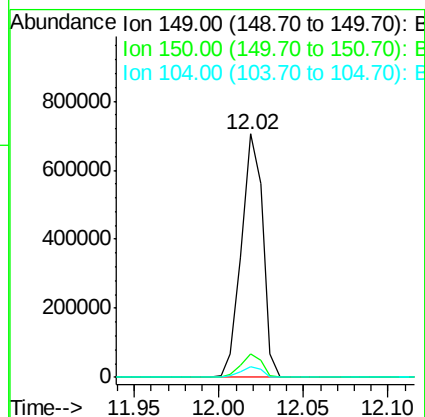
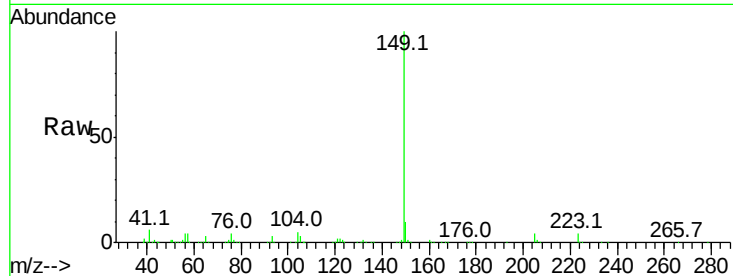
#73
Di-n-butylphthalate
Concen: 36.160 ng
RT: 12.02 min Scan# 1646
Delta R.T. -0.01 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Instrument :
BNA_F
ClientSampleId :
PB110987BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.7	7.8	11.6	
104	4.6	3.8	5.8	

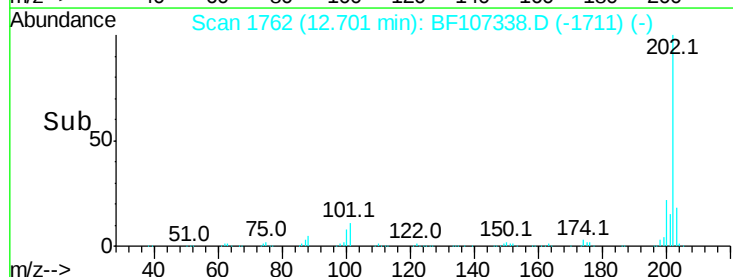
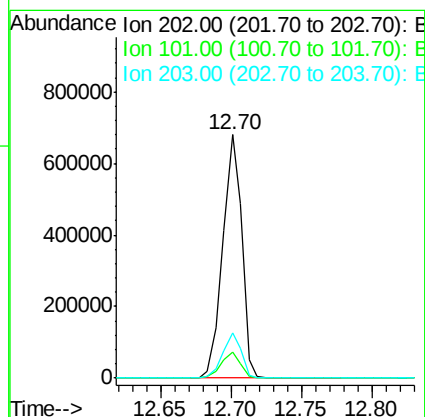
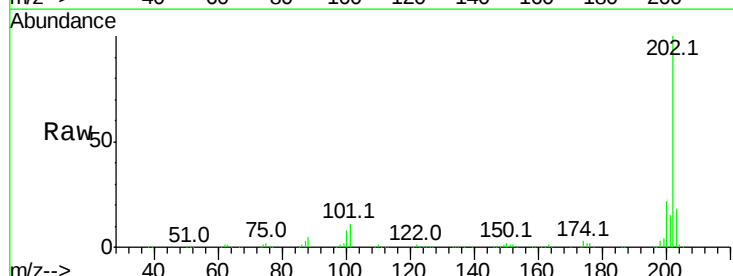
Manual Integrations
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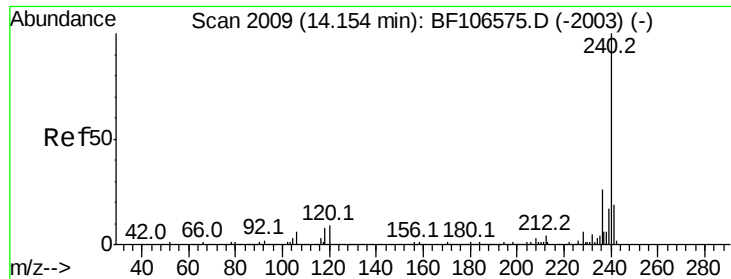
Sohil
7/13/2018 12:37:42 PM



#74
Fluoranthene
Concen: 37.814 ng
RT: 12.70 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	10.6	0.0	34.1	
203	18.4	0.0	38.1	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

Instrument :

BNA_F

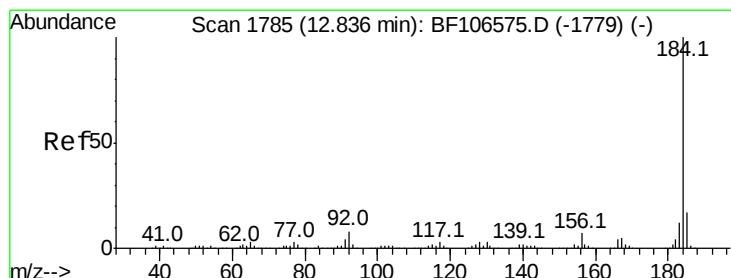
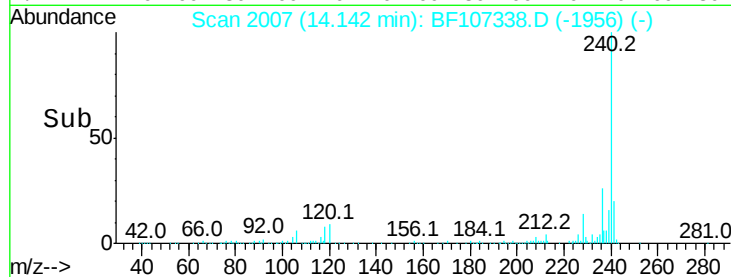
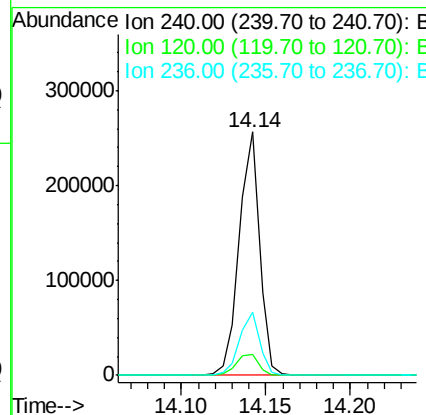
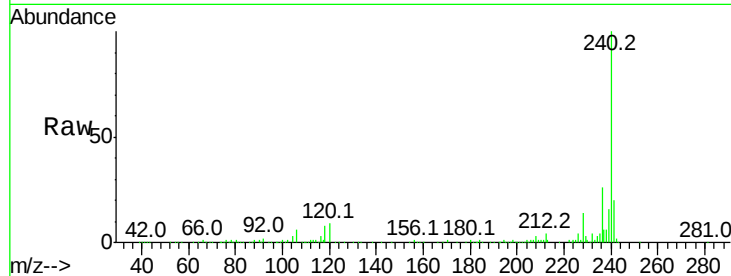
ClientSampleId :

PB110987BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.7	9.5	14.3#
236	26.1	20.7	31.1

Manual Integrations
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7/13/2018 12:37:42 PM



#76

Benzidine

Concen: 33.644 ng

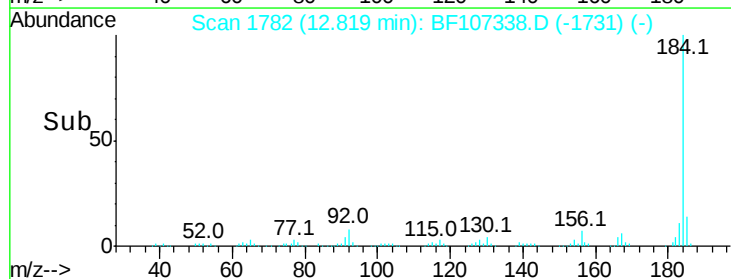
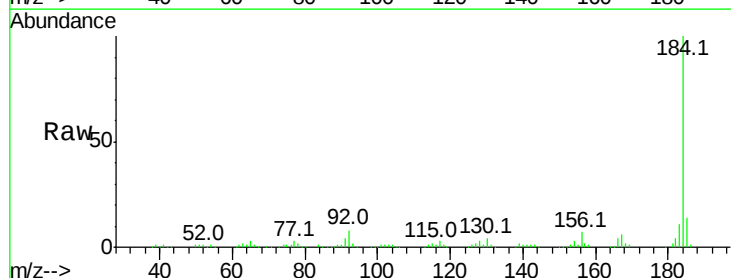
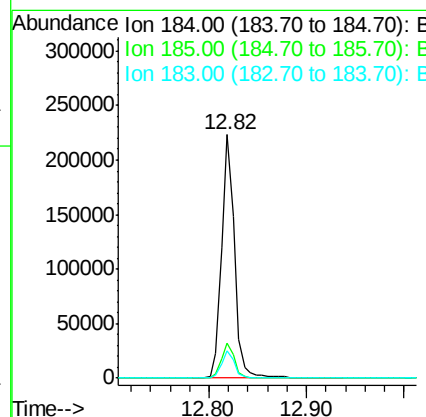
RT: 12.82 min Scan# 1782

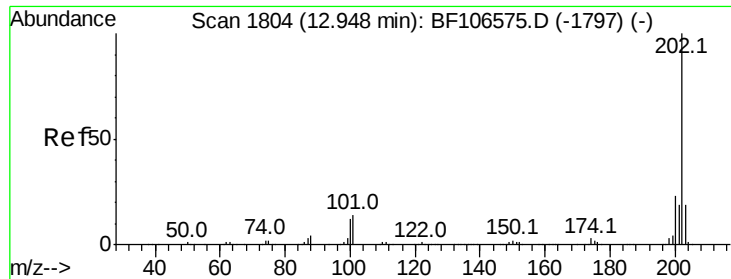
Delta R.T. 0.00 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.3	12.6	18.8
183	11.3	9.3	13.9





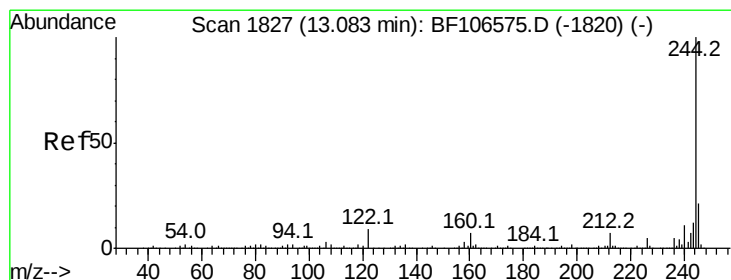
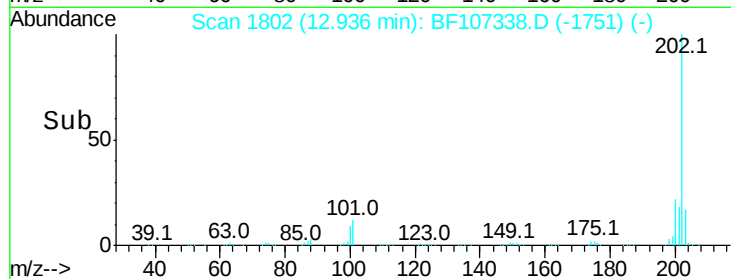
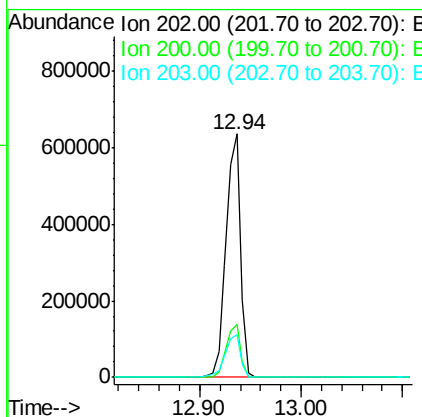
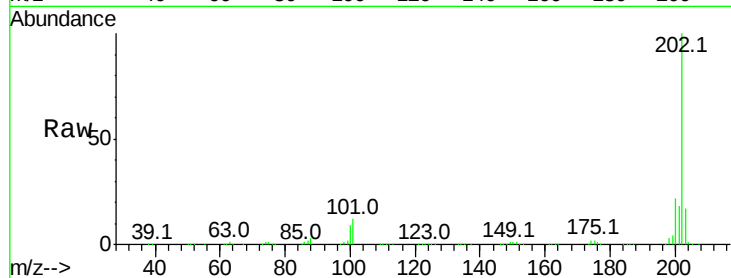
#77
Pvrene
Concen: 44.509 ng
RT: 12.94 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Instrument :
BNA_F
ClientSampleId :
PB110987BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	630633		
200	21.6		17.4	26.2
203	17.3		14.3	21.5

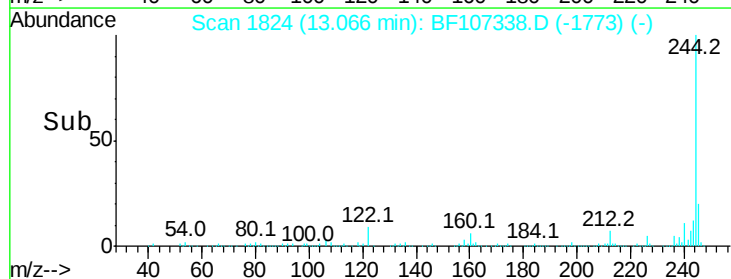
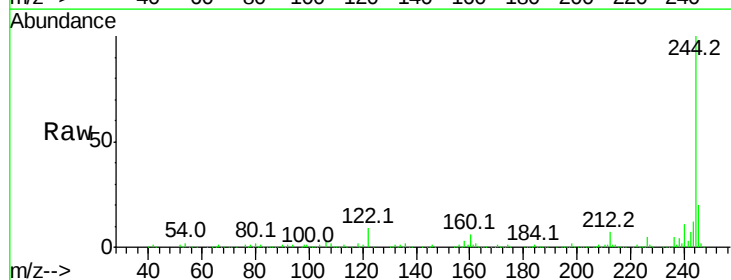
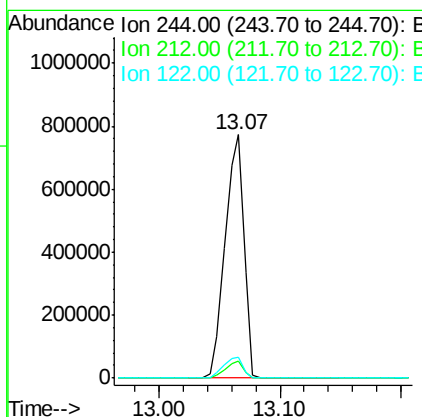
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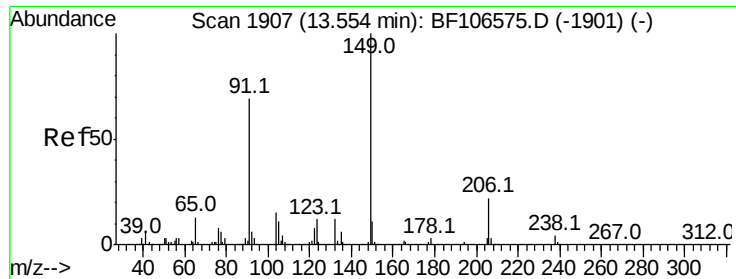
Sohil
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#78
Terphenyl-d14
Concen: 94.041 ng
RT: 13.07 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	834166		
212	7.0		5.4	8.0
122	8.7		11.0	16.4#





#79

Butylbenzylphthalate

Concen: 39.299 ng

RT: 13.53 min Scan# 1903

Delta R.T. 0.00 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

Instrument :

BNA_F

ClientSampleId :

PB110987BS

Tot Ion:149 Resp: 228937

Ion Ratio Lower Upper

149 100

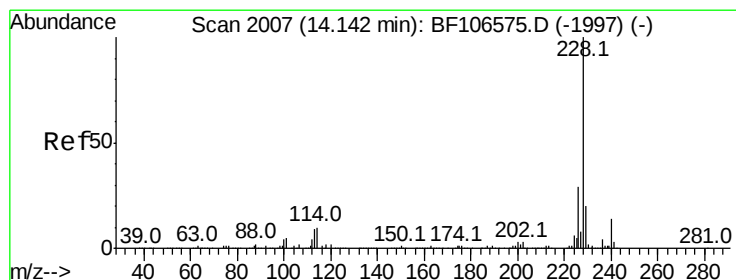
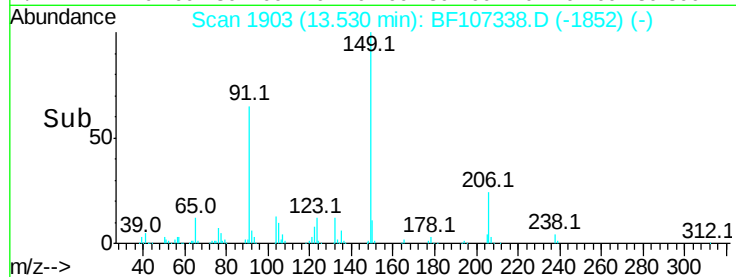
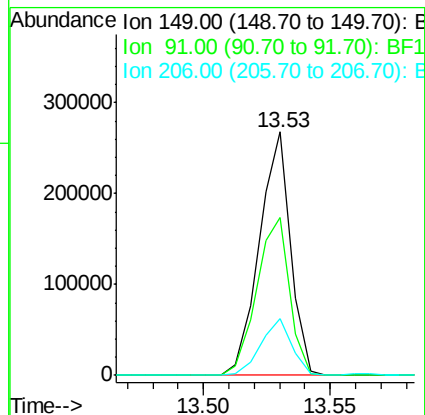
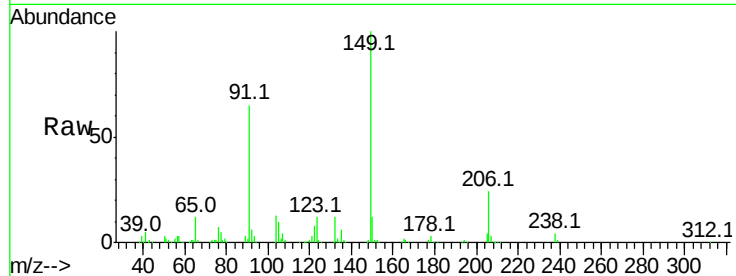
91 65.0 56.8 85.2

206 23.5 14.1 21.1#

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#80

Benzo(a)anthracene

Concen: 40.813 ng

RT: 14.13 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

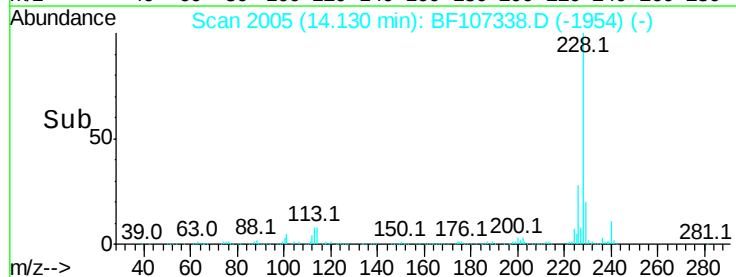
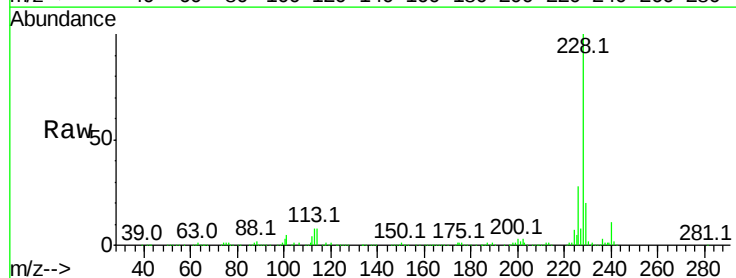
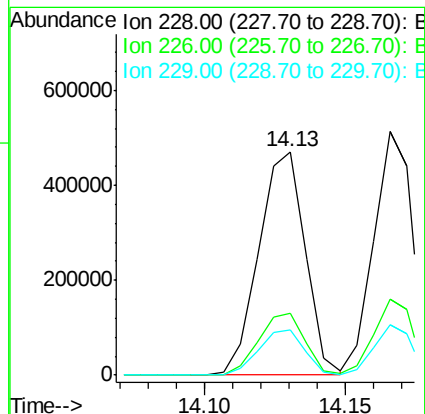
Tgt Ion:228 Resp: 534460

Ion Ratio Lower Upper

228 100

226 27.9 22.6 33.8

229 20.2 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 20.297 ng

RT: 14.08 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

Instrument :

BNA_F

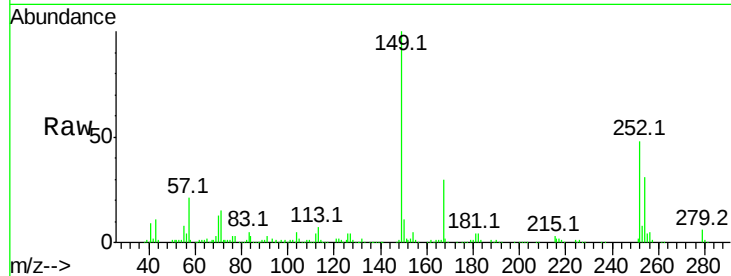
ClientSampleId :

PB110987BS

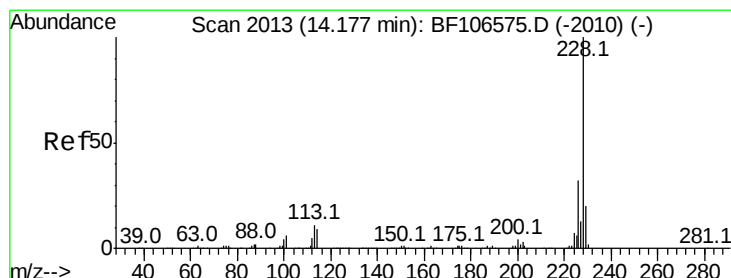
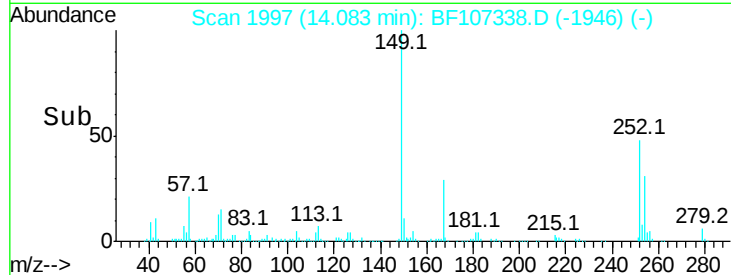
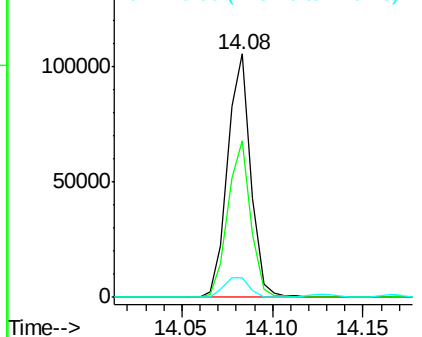
Tot Ion:	252	Resp:	93417
Ion Ratio	Lower	Upper	
252	100		
254	64.3	50.4	75.6
126	7.8	11.3	16.9#

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



#82

Chrysene

Concen: 40.456 ng

RT: 14.17 min Scan# 2011

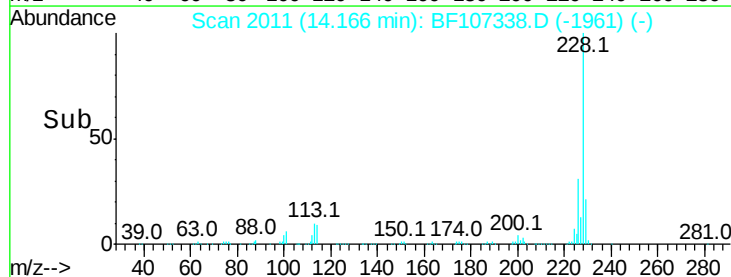
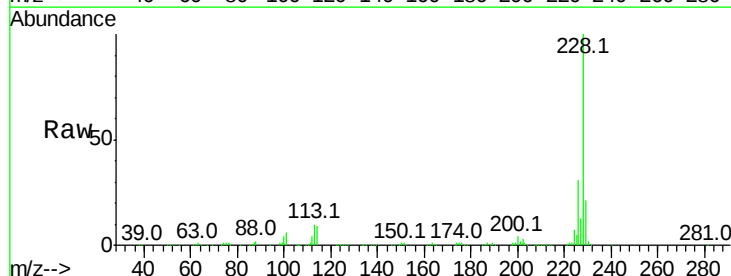
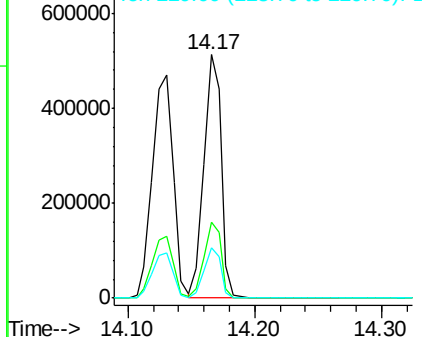
Delta R.T. -0.01 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

Tgt Ion:	228	Resp:	487394
Ion Ratio	Lower	Upper	
228	100		
226	31.4	25.0	37.6
229	20.8	16.2	24.4

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





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.293 ng

RT: 14.08 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

Instrument :

BNA_F

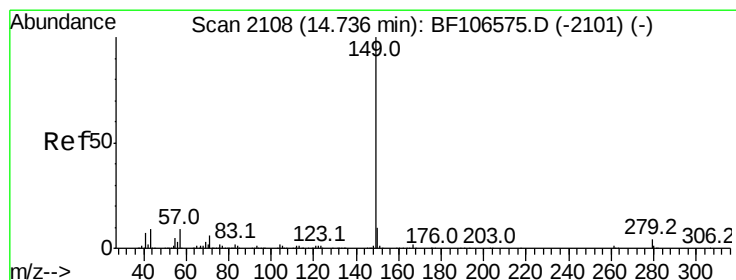
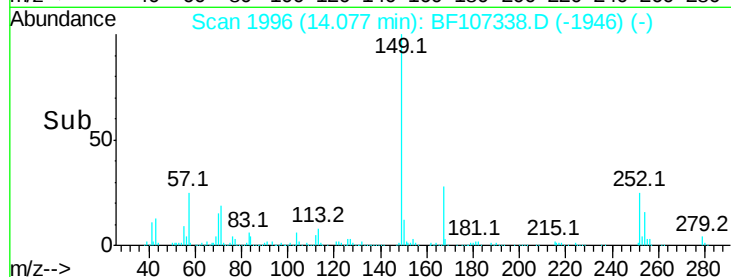
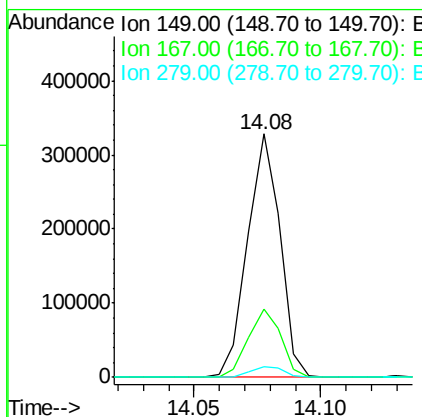
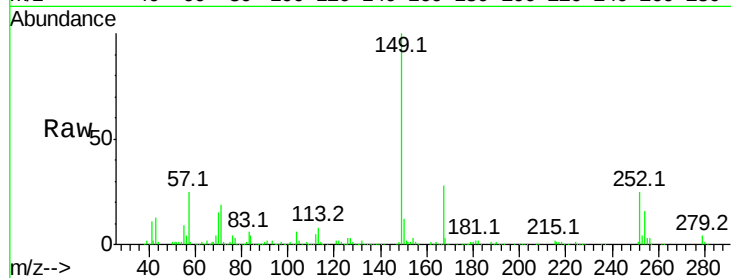
ClientSampleId :

PB110987BS

Tot Ion:	149	Resp:	292645
Ion Ratio	Lower	Upper	
149	100		
167	28.0	21.3	31.9
279	4.4	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 39.936 ng

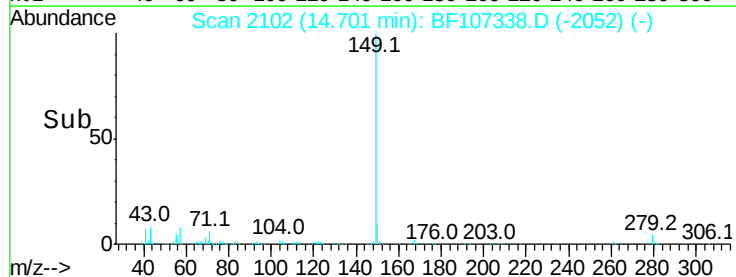
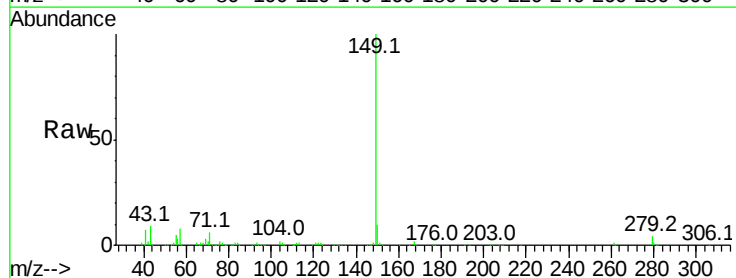
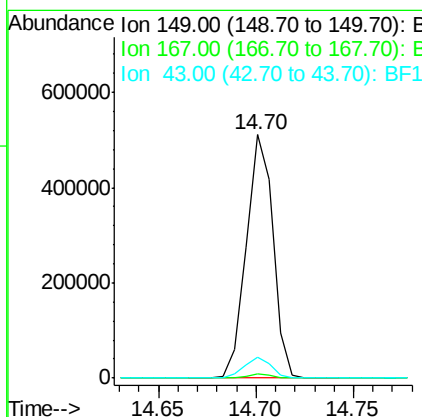
RT: 14.70 min Scan# 2102

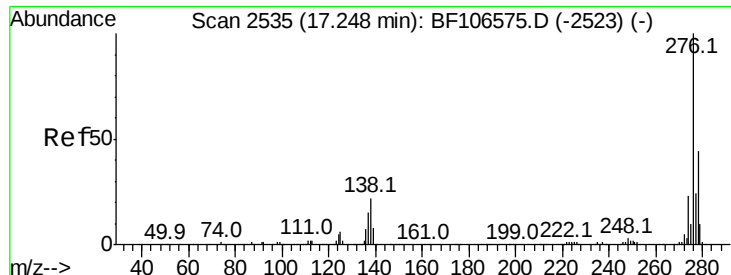
Delta R.T. -0.01 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

Tgt Ion:	149	Resp:	484820
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.2	1.8
43	8.4	8.4	12.6





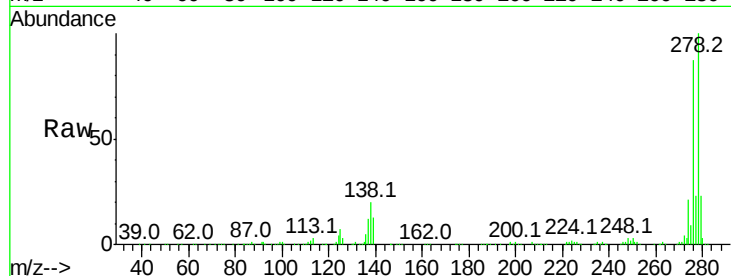
#85
Indeno(1,2,3-cd)pyrene
Concen: 59.460 ng
RT: 17.29 min Scan# 2542
Delta R.T. 0.01 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Instrument :
BNA_F
ClientSampleId :
PB110987BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.3	25.0	37.6#
277	25.2	20.1	30.1

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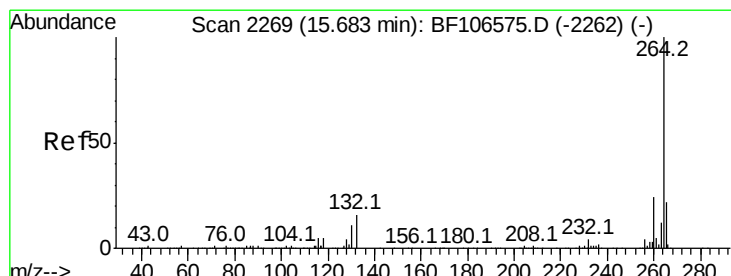
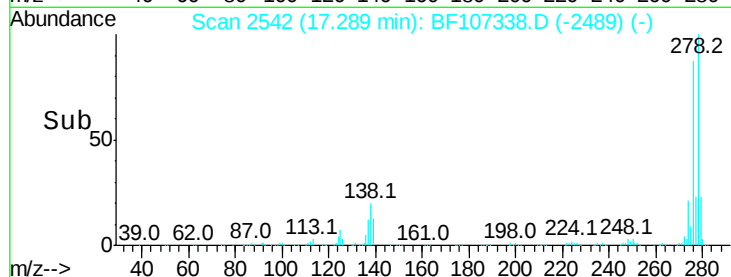
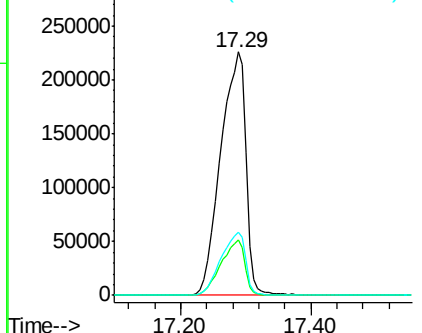


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

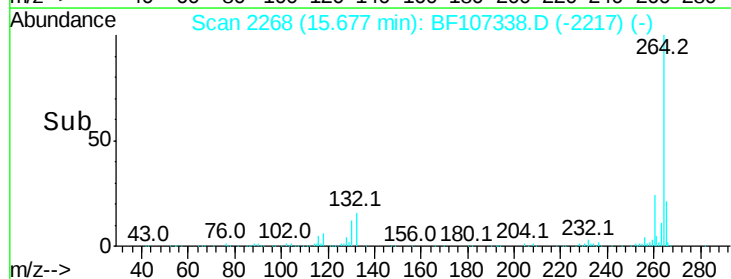
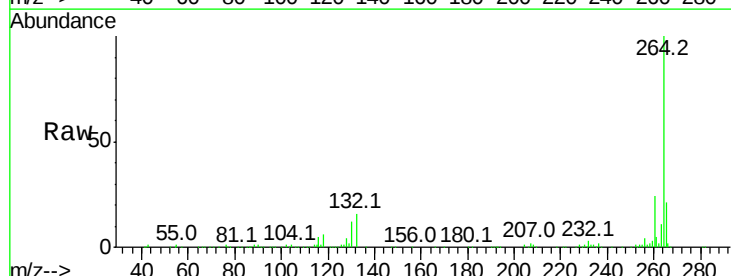
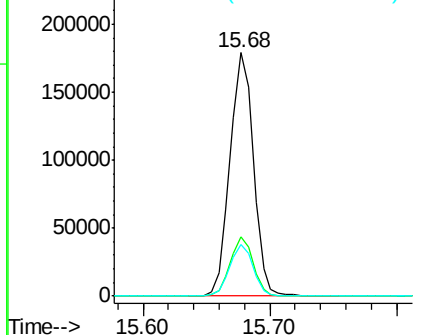
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.2	17.5	26.3

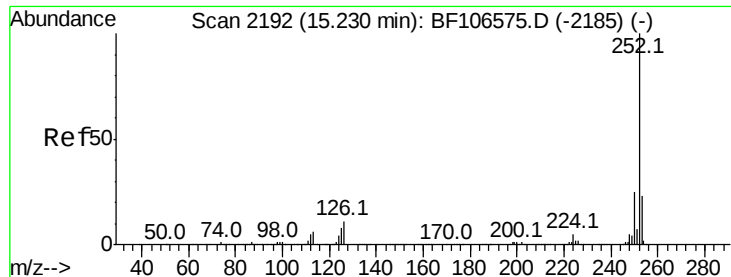
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





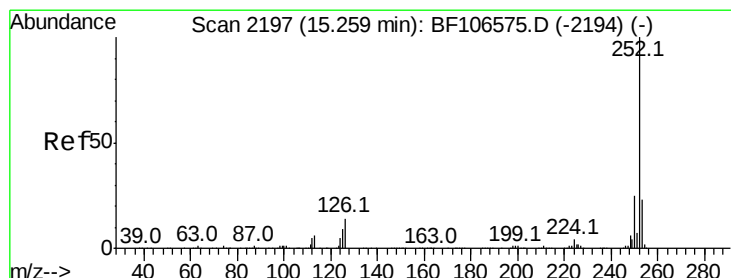
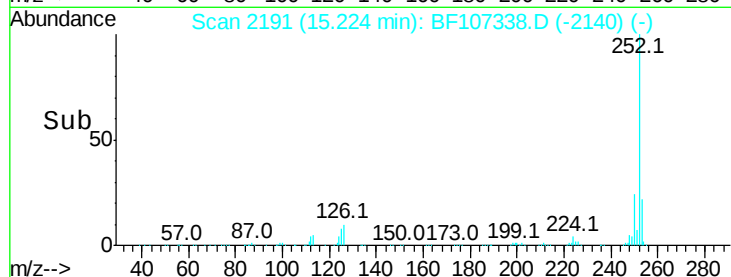
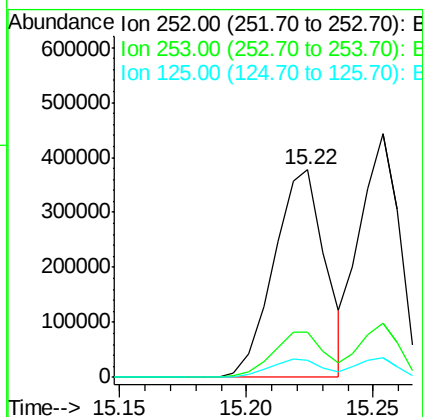
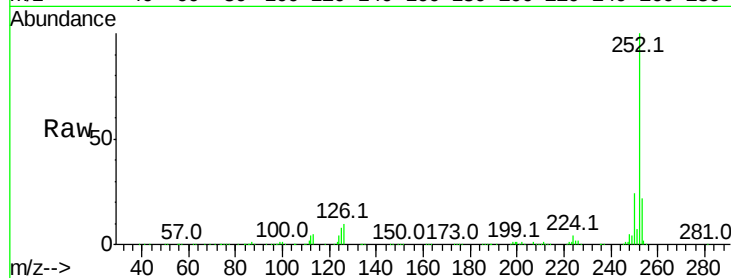
#87
Benzo(b)fluoranthene
Concen: 37.369 ng
RT: 15.22 min Scan# 2191
Delta R.T. 0.00 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Instrument :
BNA_F
ClientSampleId :
PB110987BS

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

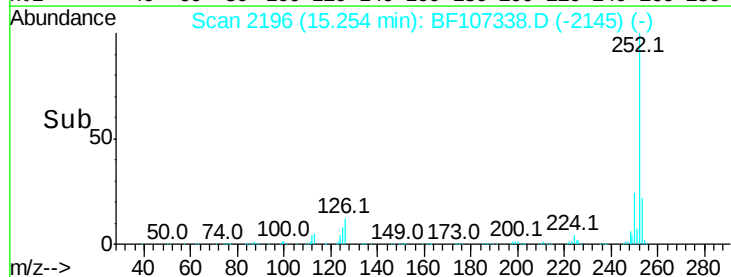
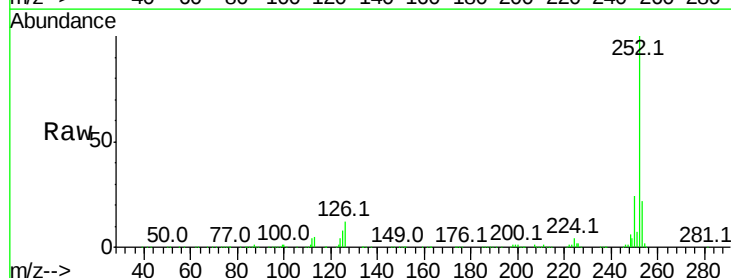
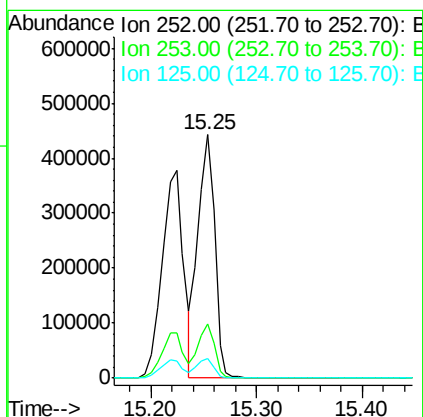
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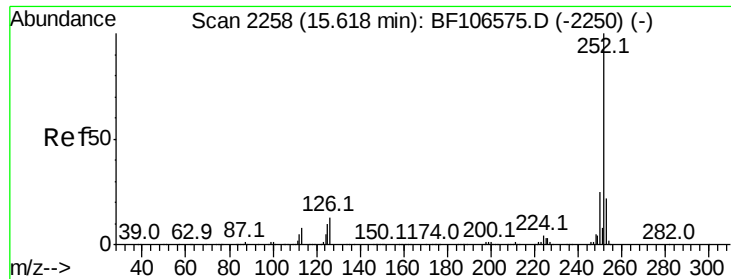
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#88
Benzo(k)fluoranthene
Concen: 35.760 ng
RT: 15.25 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	8.2	10.2	15.2#





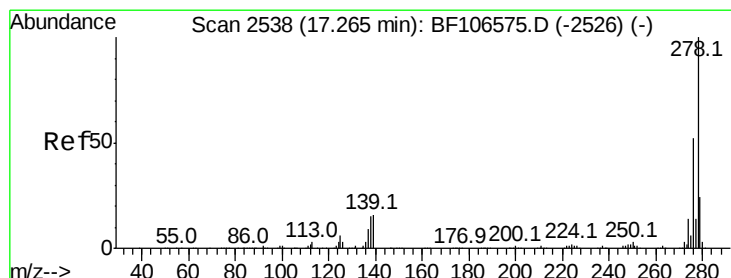
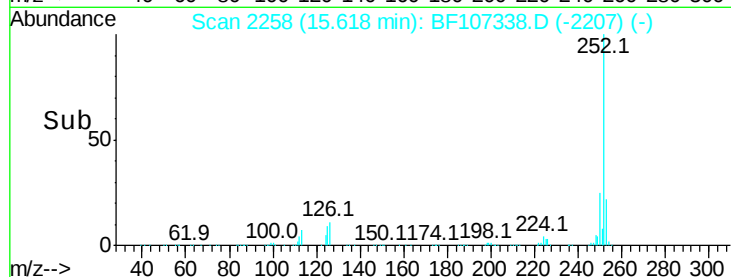
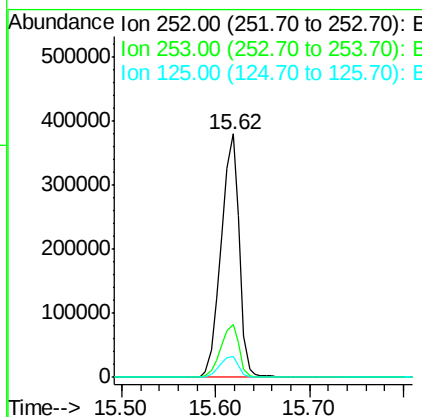
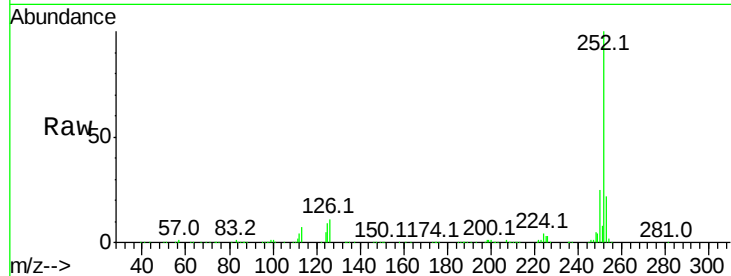
#89
Benzo(a)pyrene
Concen: 40.396 ng
RT: 15.62 min Scan# 2258
Delta R.T. 0.00 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Instrument :
BNA_F
ClientSampleId :
PB110987BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	8.6	9.8	14.6

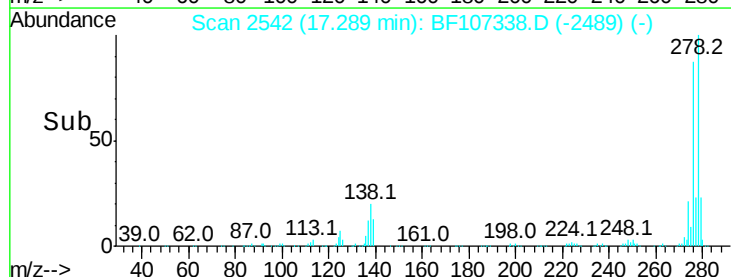
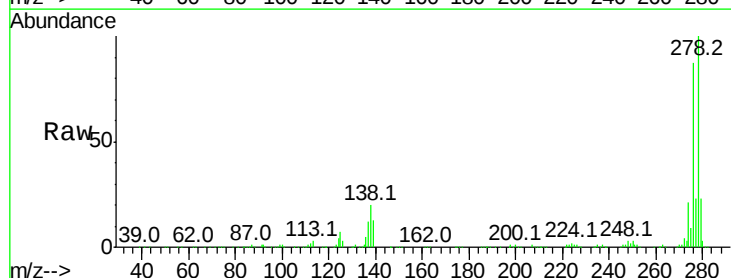
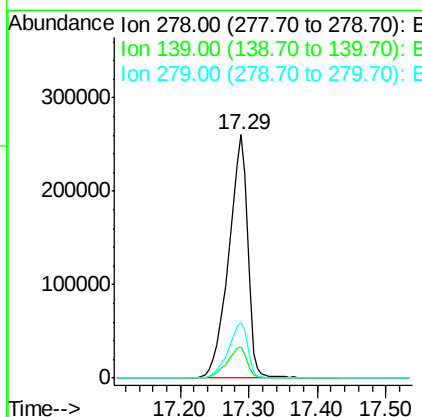
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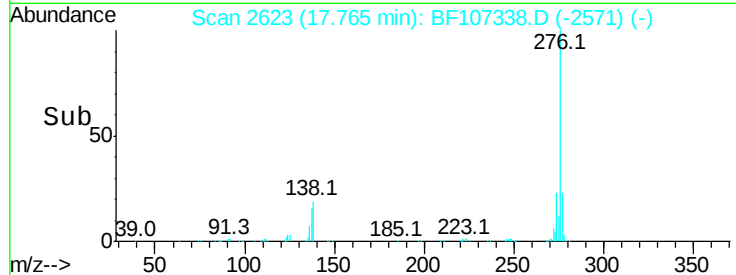
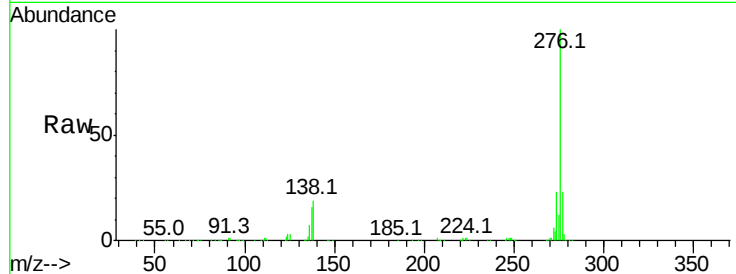
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#90
Dibenzo(a,h)anthracene
Concen: 46.685 ng
RT: 17.29 min Scan# 2542
Delta R.T. 0.01 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.0	15.9	23.9
279	22.9	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 50.502 ng
 RT: 17.77 min Scan# 2623
 Delta R.T. 0.01 min
 Lab File: BF107338.D
 Acq: 12 Jul 2018 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB110987BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.9	26.9
138	19.0	21.8	32.8

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