

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
 Data File : BF106530.D
 Acq On : 18 Jun 2018 11:28
 Operator : JU/SJ
 Sample : PB110266BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110266BS

Manual Integrations
 APPROVED

Sohil
 6/19/2018 5:59:33 PM

Quant Time: Jun 19 02:24:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 15 11:11:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	107610	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	434065	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	212671	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	422175	20.00	ng	0.00
75) Chrysene-d12	14.16	240	335772	20.00	ng	0.00
86) Perylene-d12	15.70	264	254113	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	553320	87.03	ng	0.00
7) Phenol-d6	6.61	99	673992	83.90	ng	0.00
23) Nitrobenzene-d5	7.53	82	548425	74.33	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	207217	101.27	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	979063	80.33	ng	0.00
78) Terphenyl-d14	13.09	244	1134001	83.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.91	88	131436	39.944	ng	95
3) Pyridine	3.67	79	374515	40.842	ng	98
4) n-Nitrosodimethylamine	3.63	42	159645	38.004	ng	90
6) Aniline	6.63	93	342916	29.235	ng	# 73
8) 2-Chlorophenol	6.76	128	299051	43.738	ng	97
9) Benzaldehyde	6.52	77	170089	27.916	ng	99
10) Phenol	6.62	94	384712	43.870	ng	75
11) bis(2-Chloroethyl)ether	6.70	93	302225	40.259	ng	99
12) 1,3-Dichlorobenzene	6.91	146	343021	42.626	ng	99
13) 1,4-Dichlorobenzene	6.98	146	345257	42.279	ng	98
14) 1,2-Dichlorobenzene	7.14	146	323233	42.047	ng	100
15) Benzyl Alcohol	7.11	79	275554	40.056	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	464926	43.204	ng	86
17) 2-Methylphenol	7.22	107	256031	41.971	ng	# 94
18) Hexachloroethane	7.48	117	124066	42.638	ng	94
19) n-Nitroso-di-n-propylamine	7.37	70	213308	35.395	ng	94
20) 3+4-Methylphenols	7.38	107	311338	39.909	ng	# 77
22) Acetophenone	7.37	105	404573	36.985	ng	# 93
24) Nitrobenzene	7.55	77	344508	42.958	ng	96
25) Isophorone	7.78	82	611314	42.417	ng	98
26) 2-Nitrophenol	7.87	139	165113	53.043	ng	99
27) 2,4-Dimethylphenol	7.90	122	275688	45.186	ng	98
28) bis(2-Chloroethoxy)methane	7.99	93	389153	41.643	ng	99
29) 2,4-Dichlorophenol	8.11	162	266536	45.283	ng	100
30) 1,2,4-Trichlorobenzene	8.19	180	278013	42.125	ng	95
31) Naphthalene	8.27	128	844834	43.055	ng	99
32) Benzoic acid	8.02	122	133849	32.516	ng	94
33) 4-Chloroaniline	8.32	127	209625	24.107	ng	98
34) Hexachlorobutadiene	8.38	225	179085	42.237	ng	99
35) Caprolactam	8.69	113	85145m	42.766	ng	
36) 4-Chloro-3-methylphenol	8.81	107	280742	43.118	ng	99
37) 2-Methylnaphthalene	8.97	142	588006	43.997	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	295654	42.824	ng	98
40) Hexachlorocyclopentadiene	9.11	237	337391	88.575	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	199807	45.414	nq	100
43) 2,4,5-Trichlorophenol	9.30	196	208051	43.865	nq #	94
45) 1,1'-Biphenyl	9.42	154	690069	41.892	nq	100
46) 2-Chloronaphthalene	9.45	162	554200	42.041	nq	99
47) 2-Nitroaniline	9.55	65	193178	46.584	nq	94
48) Acenaphthylene	9.87	152	881156	43.671	nq	98
49) Dimethylphthalate	9.72	163	642905	42.313	nq	99
50) 2,6-Dinitrotoluene	9.79	165	144079	46.422	nq	95
51) Acenaphthene	10.04	154	497869	38.208	nq	97
52) 3-Nitroaniline	9.96	138	103177	28.009	nq	96
53) 2,4-Dinitrophenol	10.07	184	120625	84.150	nq #	19
54) Dibenzofuran	10.22	168	748752	42.672	nq	98
55) 4-Nitrophenol	10.15	139	196666	69.653	nq	94
56) 2,4-Dinitrotoluene	10.20	165	194200	49.827	nq	95
57) Fluorene	10.56	166	586320	42.174	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	169818	45.173	nq #	84
59) Diethylphthalate	10.42	149	608163	40.326	nq	95
60) 4-Chlorophenyl-phenylether	10.55	204	300829	41.141	nq	89
61) 4-Nitroaniline	10.58	138	154733	43.173	nq	99
62) Azobenzene	10.71	77	649561	41.307	nq	97
64) 4,6-Dinitro-2-methylphenol	10.61	198	96682	43.180	nq	81
65) n-Nitrosodiphenylamine	10.67	169	553716	39.025	nq	95
66) 4-Bromophenyl-phenylether	11.04	248	205705	42.840	nq #	82
67) Hexachlorobenzene	11.11	284	215116	43.454	nq #	86
68) Atrazine	11.20	200	187313	42.839	nq	96
69) Pentachlorophenol	11.31	266	168895	55.416	nq	96
70) Phenanthrene	11.53	178	859242	41.558	nq	99
71) Anthracene	11.58	178	891963	43.063	nq	99
72) Carbazole	11.74	167	780742	40.828	nq	99
73) Di-n-butylphthalate	12.05	149	946651	44.480	nq	99
74) Fluoranthene	12.72	202	946059	42.906	nq	98
76) Benzidine	12.84	184	451097	40.367	nq	99
77) Pyrene	12.95	202	952323	45.303	nq	99
79) Butylbenzylphthalate	13.56	149	396126	50.341	nq #	94
80) Benzo(a)anthracene	14.15	228	811909	40.633	nq	97
81) 3,3'-Dichlorobenzidine	14.11	252	169589	25.155	nq #	94
82) Chrysene	14.19	228	769772	42.195	nq	100
83) Bis(2-ethylhexyl)phthalate	14.12	149	503047	44.587	nq	98
84) Di-n-octyl phthalate	14.75	149	721536	44.360	nq	98
85) Indeno(1,2,3-cd)pyrene	17.28	276	691244	47.477	nq #	93
87) Benzo(b)fluoranthene	15.25	252	603732	39.303	nq	97
88) Benzo(k)fluoranthene	15.28	252	616264	40.509	nq #	97
89) Benzo(a)pyrene	15.64	252	584731	42.321	nq	98
90) Dibenzo(a,h)anthracene	17.29	278	574224	49.851	nq	96
91) Benzo(g,h,i)perylene	17.76	276	599391	53.545	nq #	92

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

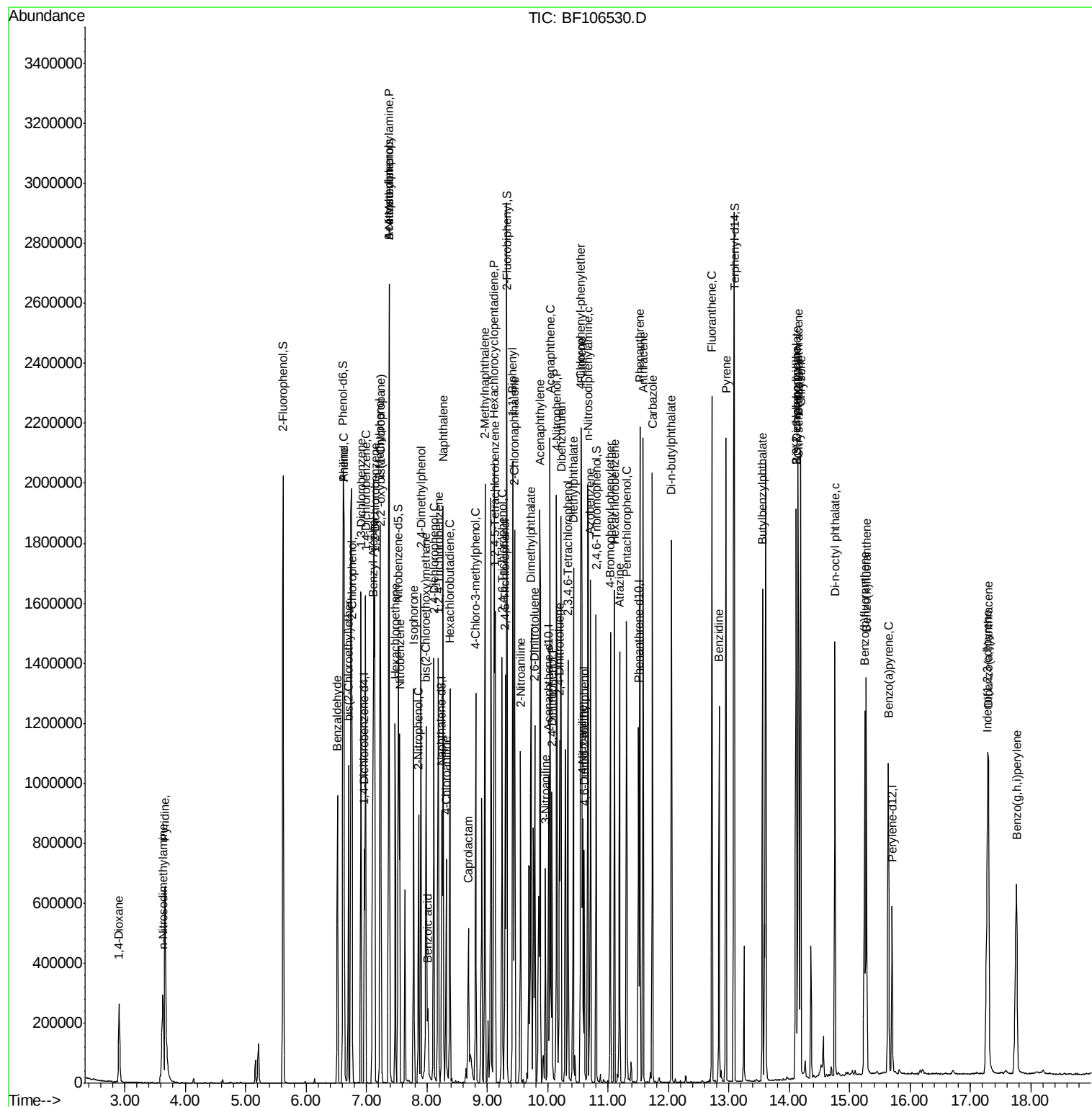
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
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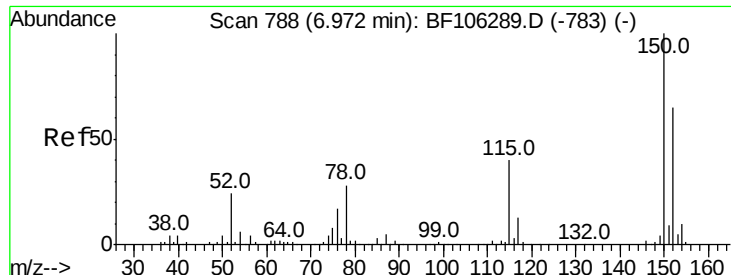
Instrument :
BNA_F
ClientSampleID :
PB110266BS

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#1

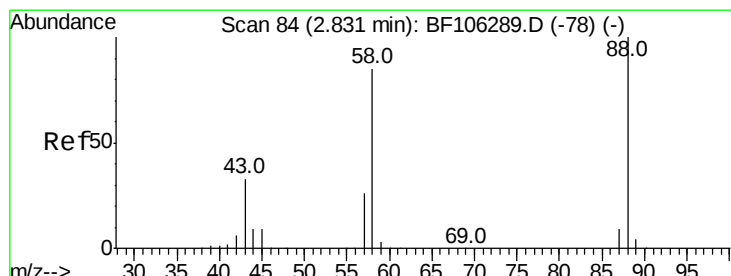
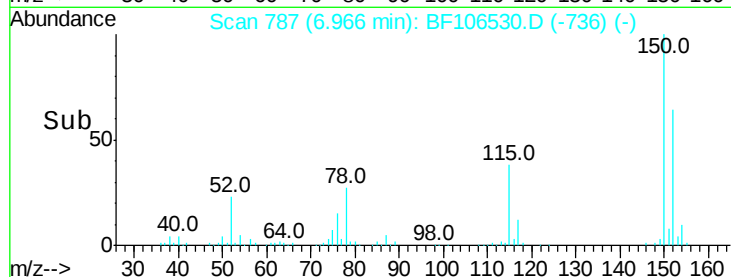
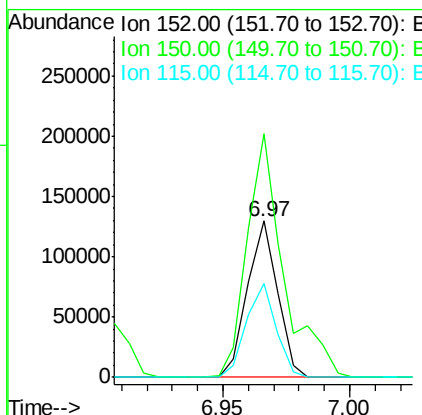
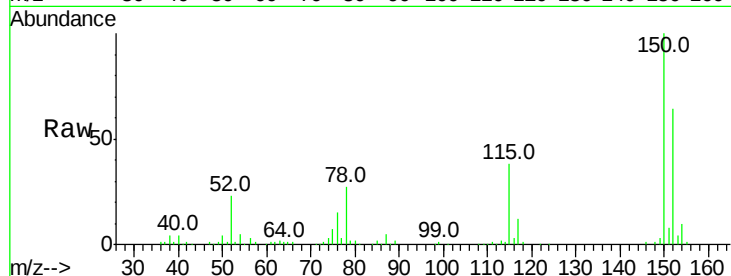
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106530.D
Acq: 18 Jun 2018 11:28

Instrument :
BNA_F
ClientSampled :
PB110266BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.6	186.8
115	60.0	50.1	75.1

Manual Integrations
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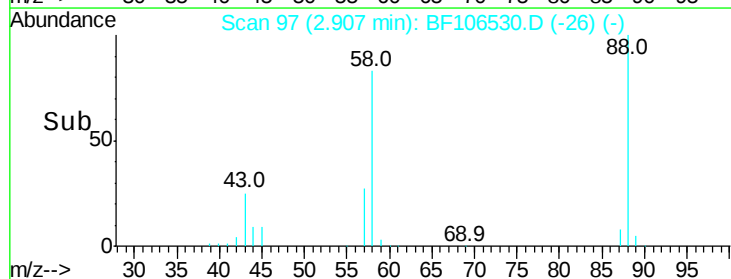
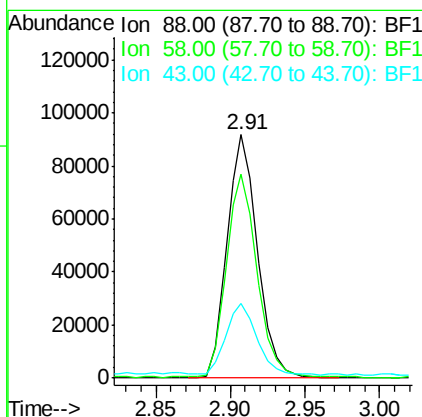
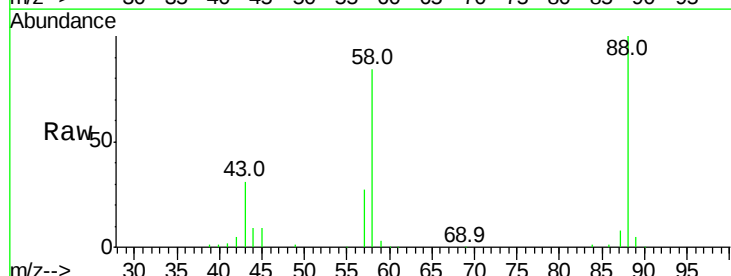
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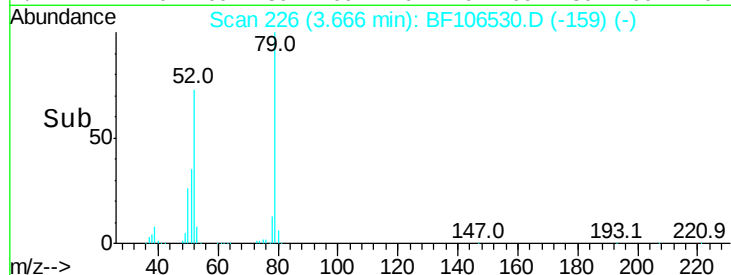
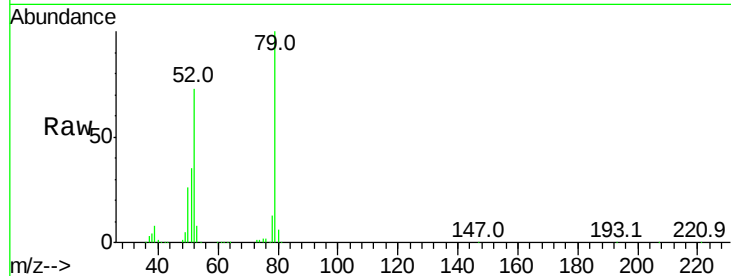
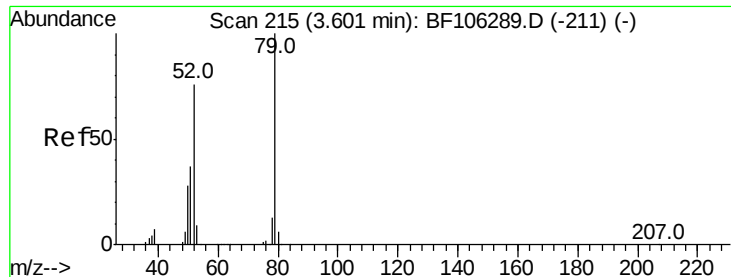


#2

1,4-Dioxane
Concen: 39.944 ng
RT: 2.91 min Scan# 97
Delta R.T. 0.12 min
Lab File: BF106530.D
Acq: 18 Jun 2018 11:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.0	62.6	93.8
43	29.6	24.6	37.0





#3

Pvridine

Concen: 40.842 ng

RT: 3.67 min Scan# 226

Delta R.T. 0.09 min

Lab File: BF106530.D

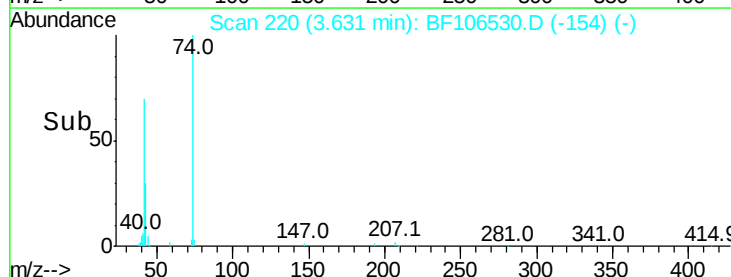
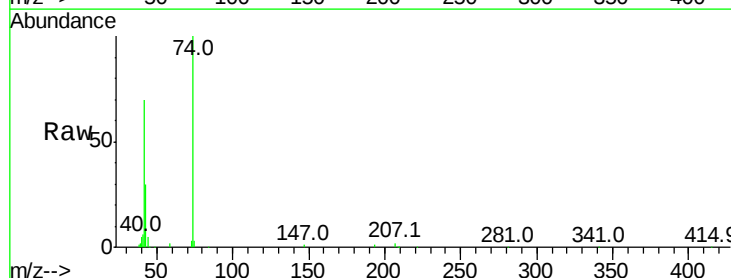
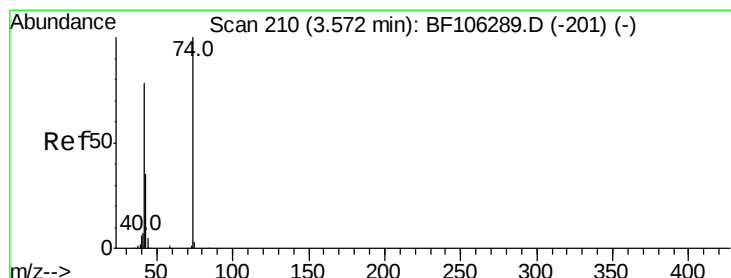
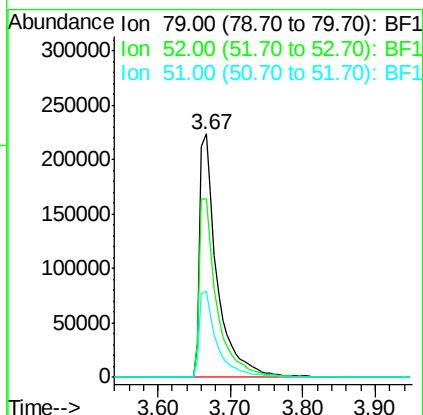
Acq: 18 Jun 2018 11:28

Tot Ion	Ratio	Lower	Upper
79	100		
52	73.4	59.8	89.6
51	35.3	29.8	44.8

Instrument :
BNA_F
ClientSampleId :
PB110266BS

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 38.004 ng

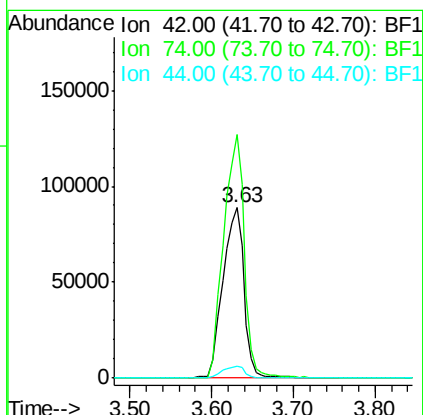
RT: 3.63 min Scan# 220

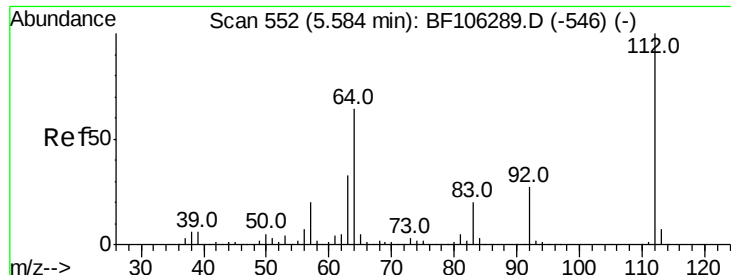
Delta R.T. 0.09 min

Lab File: BF106530.D

Acq: 18 Jun 2018 11:28

Tgt Ion	Ratio	Lower	Upper
42	100		
74	143.0	104.9	157.3
44	7.3	6.9	10.3





#5

2-Fluorophenol

Concen: 87.027 ng

RT: 5.62 min Scan# 558

Delta R.T. 0.01 min

Lab File: BF106530.D

Acq: 18 Jun 2018 11:28

Instrument :

BNA_F

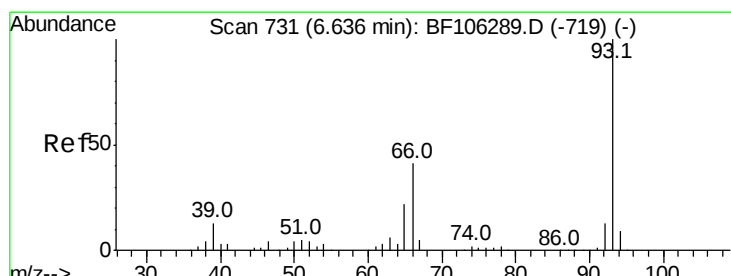
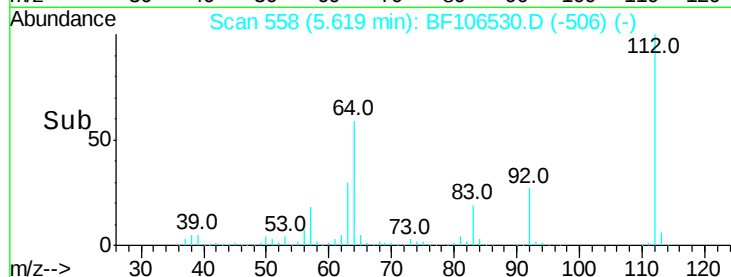
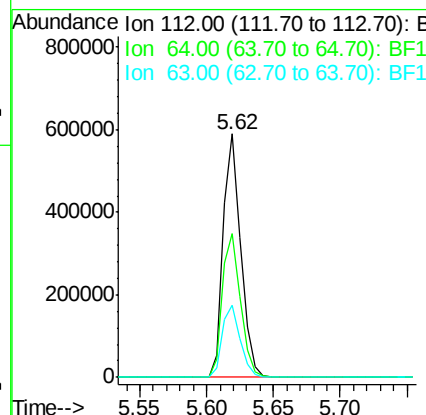
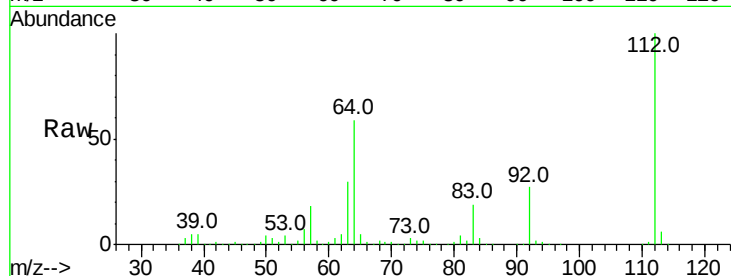
ClientSampleId :

PB110266BS

Tot Ion:	112	Resp:	553320
Ion Ratio	Lower	Upper	
112	100		
64	59.1	47.9	71.9
63	29.6	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 29.235 ng

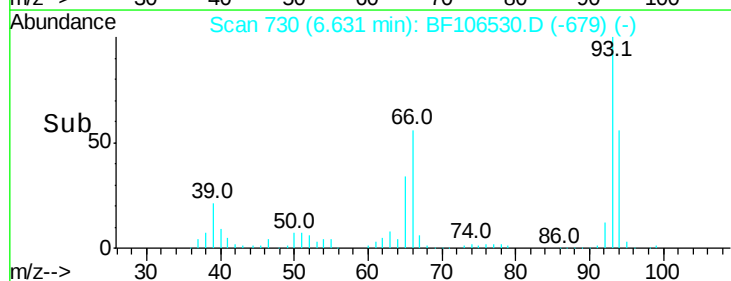
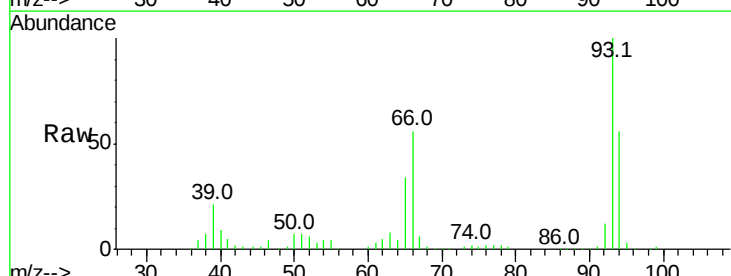
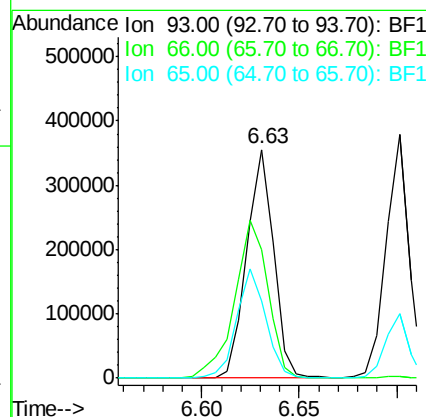
RT: 6.63 min Scan# 730

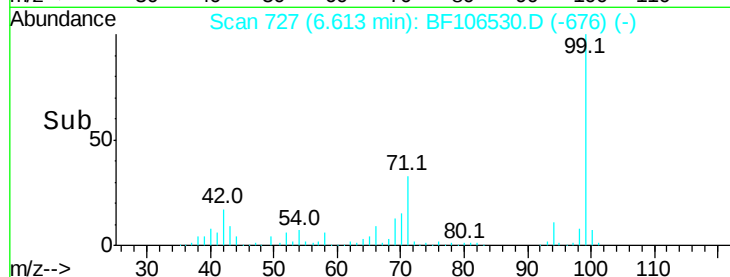
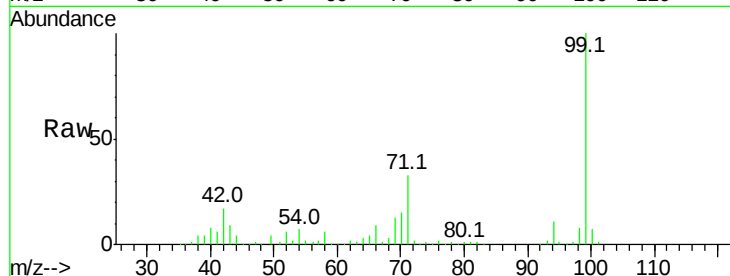
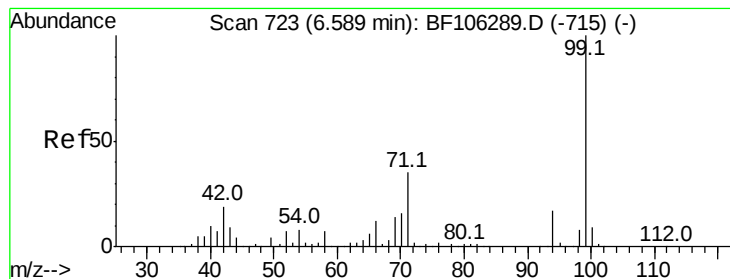
Delta R.T. 0.00 min

Lab File: BF106530.D

Acq: 18 Jun 2018 11:28

Tgt Ion:	93	Resp:	342916
Ion Ratio	Lower	Upper	
93	100		
66	56.4	32.2	48.2#
65	33.6	16.4	24.6#





#7

Phenol-d6

Concen: 83.905 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF106530.D

Acq: 18 Jun 2018 11:28

Tot Ion	99	Ratio	100	Resp	673992
Ion	99	100		Lower	Upper
	42	17.0		14.5	21.7
	71	33.4		25.4	38.0

Instrument :

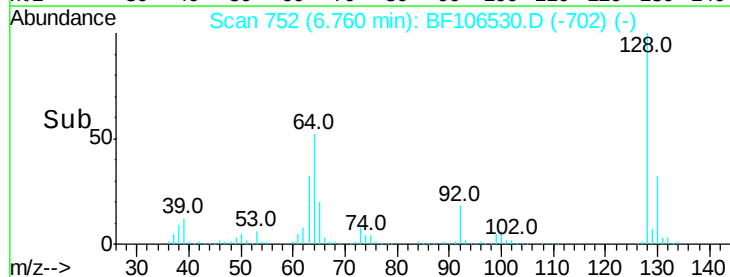
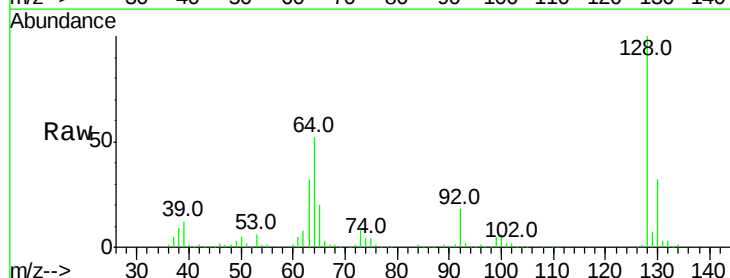
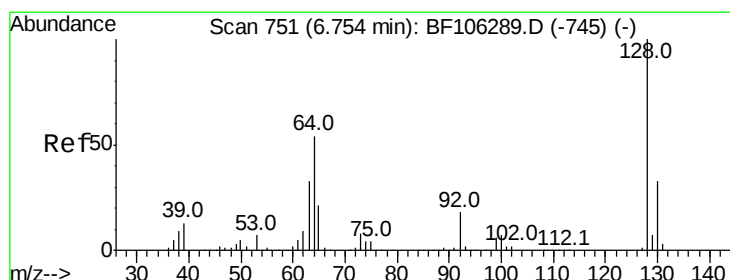
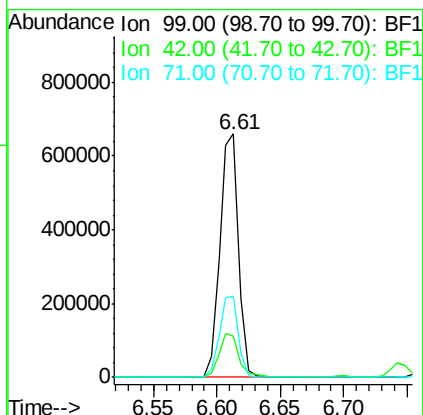
BNA_F

ClientSampleId :

PB110266BS

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#8

2-Chlorophenol

Concen: 43.738 ng

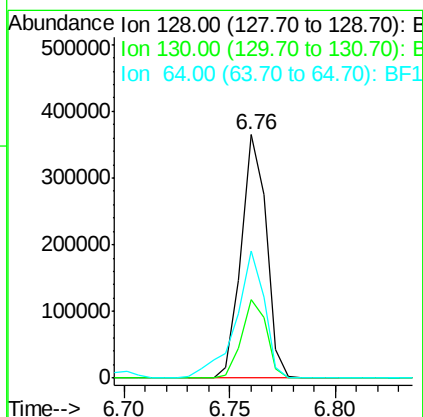
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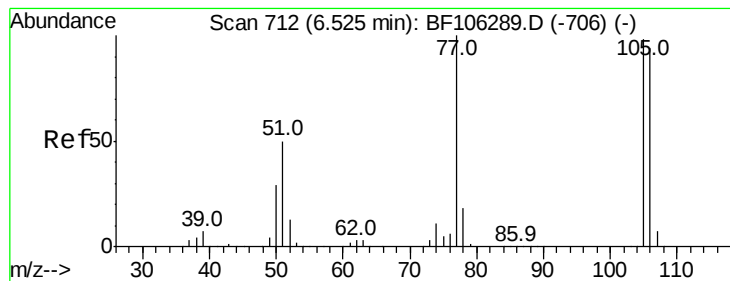
Delta R.T. -0.01 min

Lab File: BF106530.D

Acq: 18 Jun 2018 11:28

Tgt Ion	128	Ratio	100	Resp	299051
Ion	128	100		Lower	Upper
	130	32.3		13.0	53.0
	64	52.1		29.4	69.4





#9

Benzaldehyde

Concen: 27.916 ng

RT: 6.52 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF106530.D

Acq: 18 Jun 2018 11:28

Instrument :

BNA_F

ClientSampleID :

PB110266BS

Tot Ion: 77 Resp: 170089

Ion Ratio Lower Upper

77 100

105 101.0 81.1 121.1

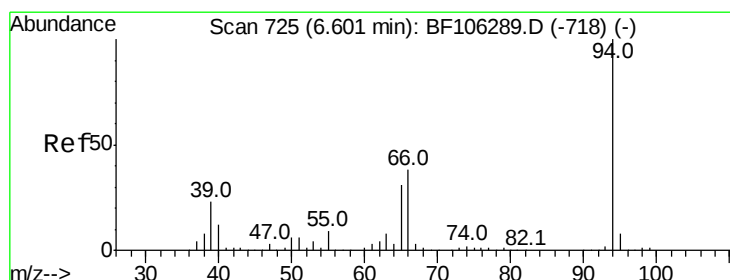
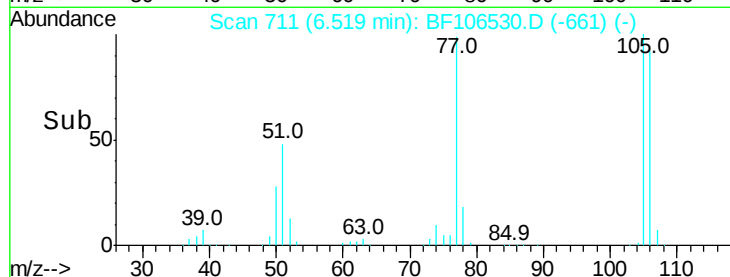
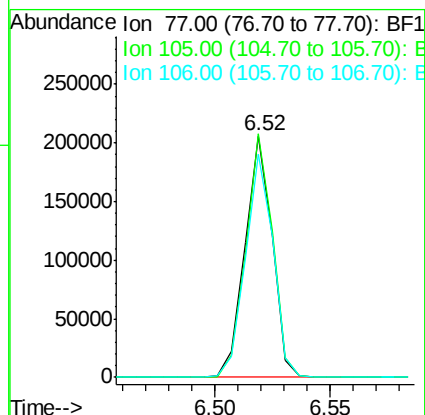
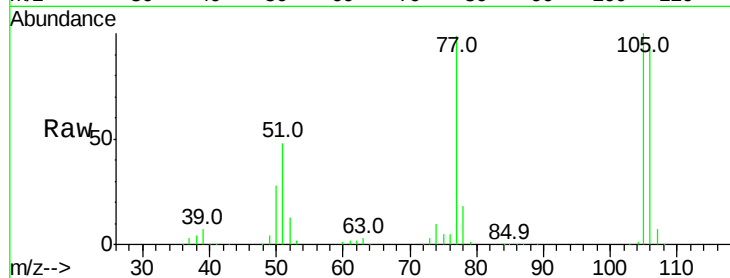
106 92.5 74.5 114.5

Manual Integrations

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#10

Phenol

Concen: 43.870 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF106530.D

Acq: 18 Jun 2018 11:28

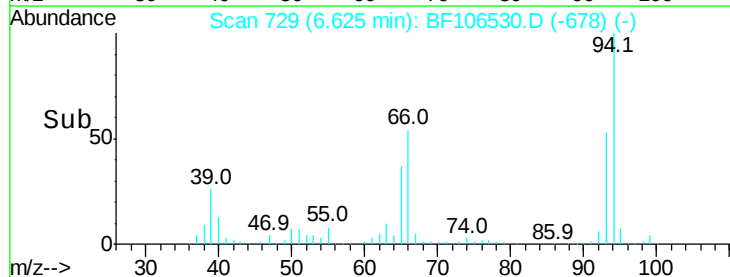
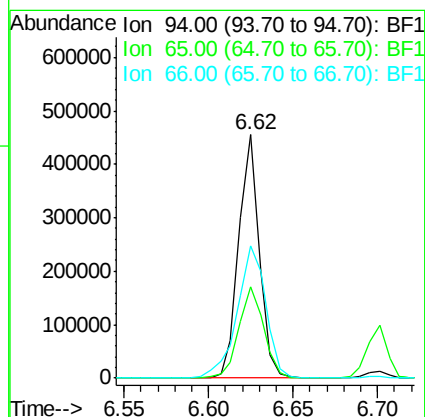
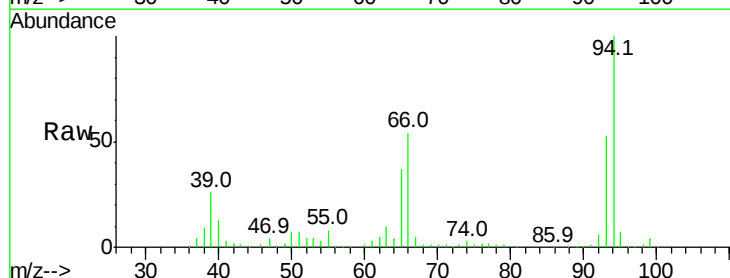
Tgt Ion: 94 Resp: 384712

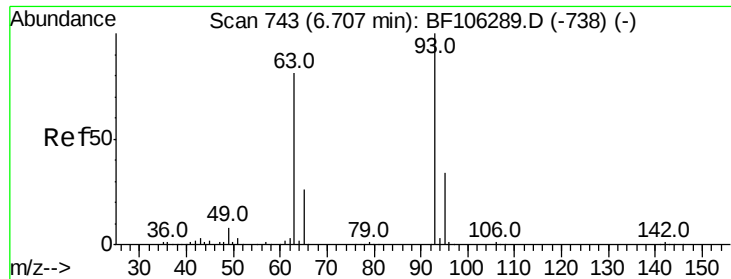
Ion Ratio Lower Upper

94 100

65 37.4 7.9 47.9

66 54.1 16.2 56.2





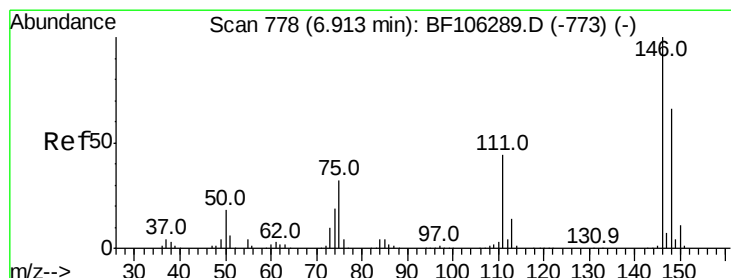
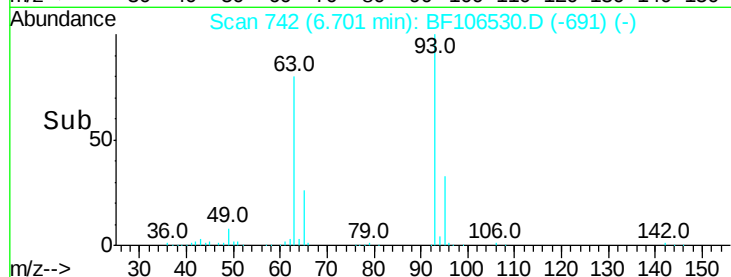
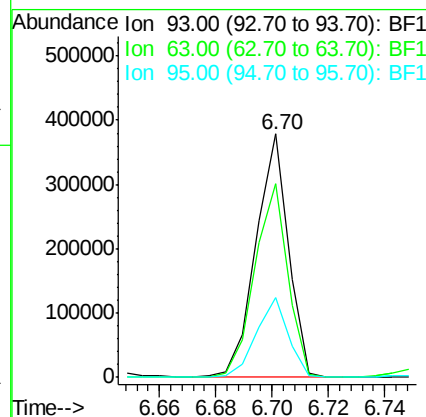
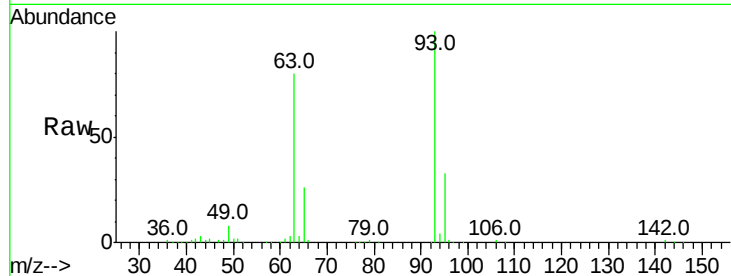
#11
bis(2-Chloroethyl)ether
Concen: 40.259 ng
RT: 6.70 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF106530.D
Acq: 18 Jun 2018 11:28

Instrument :
BNA_F
ClientSampleId :
PB110266BS

Tot Ion:	93	Resp:	302225
Ion Ratio	Lower	Upper	
93	100		
63	79.6	58.6	98.6
95	32.9	11.8	51.8

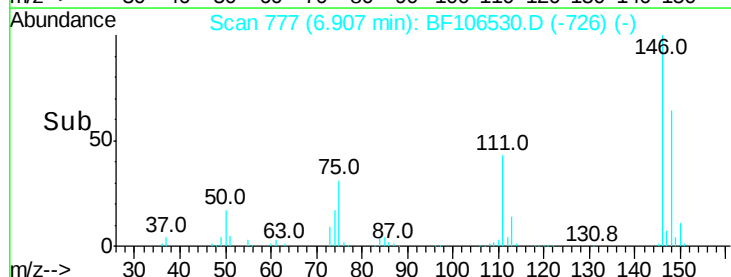
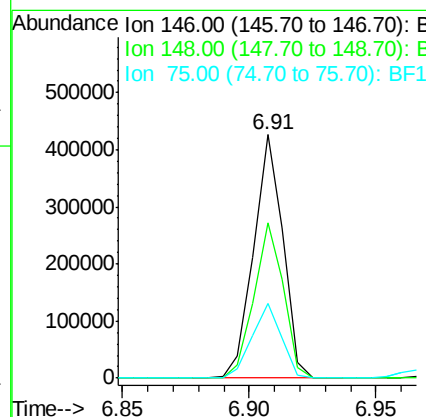
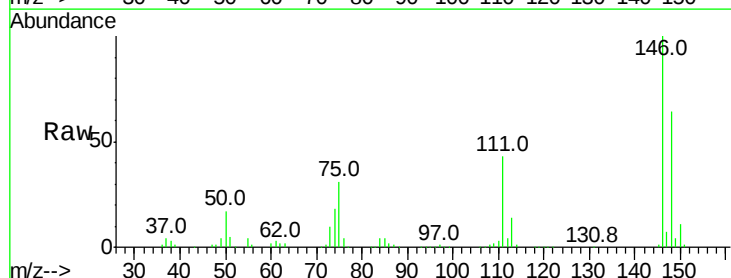
Manual Integrations
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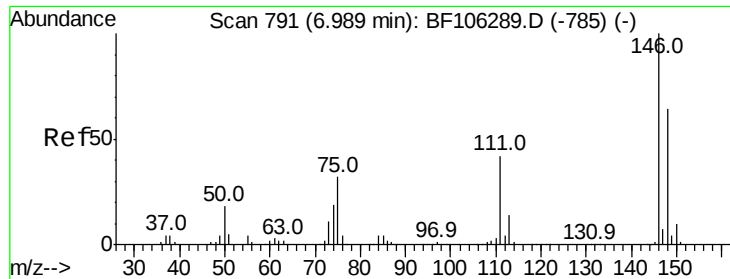
Sohil
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#12
1,3-Dichlorobenzene
Concen: 42.626 ng
RT: 6.91 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF106530.D
Acq: 18 Jun 2018 11:28

Tgt Ion:	146	Resp:	343021
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.8	77.8
75	30.8	24.2	36.4





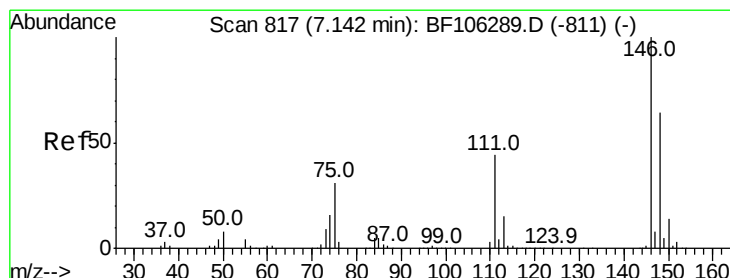
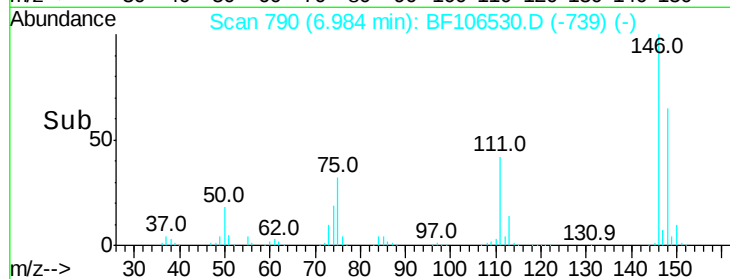
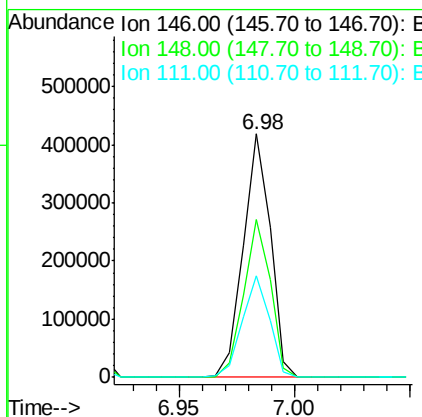
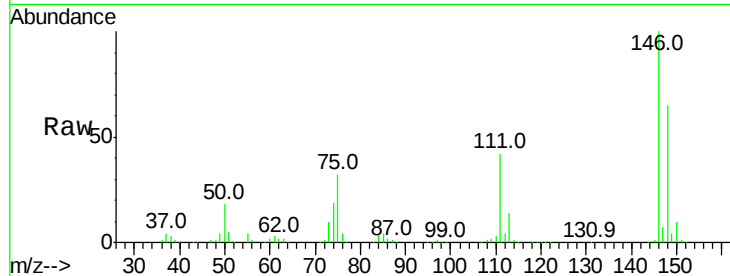
#13
 1,4-Dichlorobenzene
 Concen: 42.279 ng
 RT: 6.98 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF106530.D
 Acq: 18 Jun 2018 11:28

Instrument :
 BNA_F
 ClientSampleId :
 PB110266BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.8	76.2
111	41.6	34.2	51.2

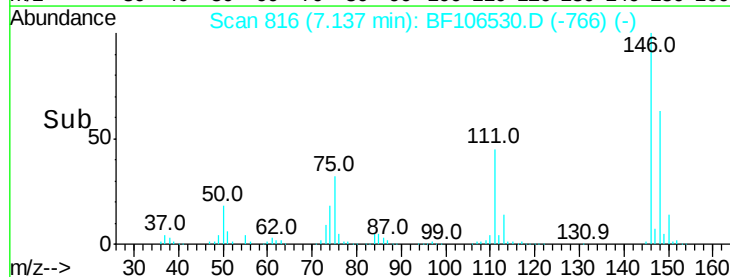
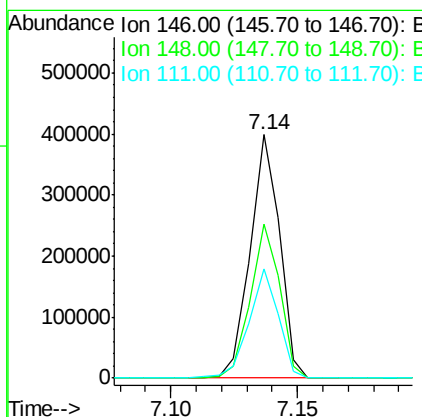
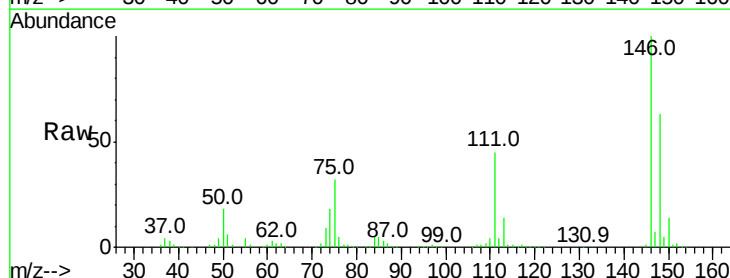
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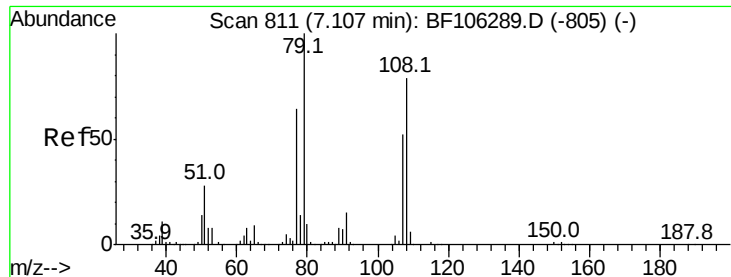
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#14
 1,2-Dichlorobenzene
 Concen: 42.047 ng
 RT: 7.14 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF106530.D
 Acq: 18 Jun 2018 11:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.6	75.8
111	44.8	36.0	54.0





#15

Benzyl Alcohol

Concen: 40.056 ng

RT: 7.11 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF106530.D

Acq: 18 Jun 2018 11:28

Instrument :

BNA_F

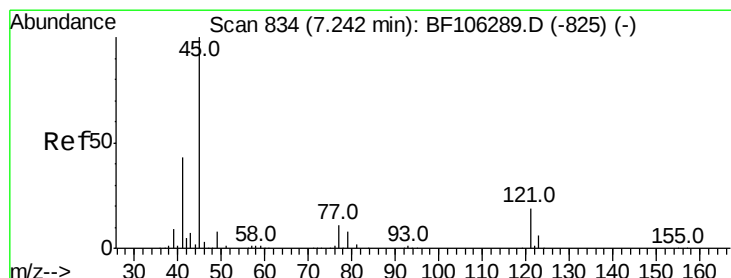
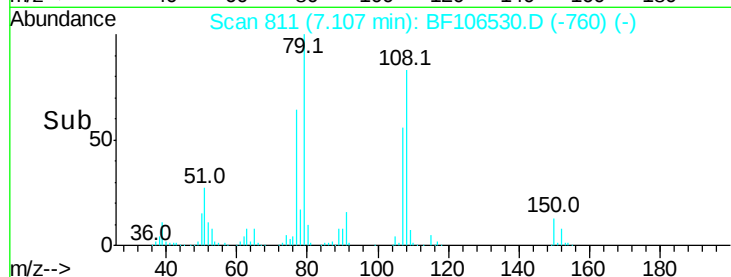
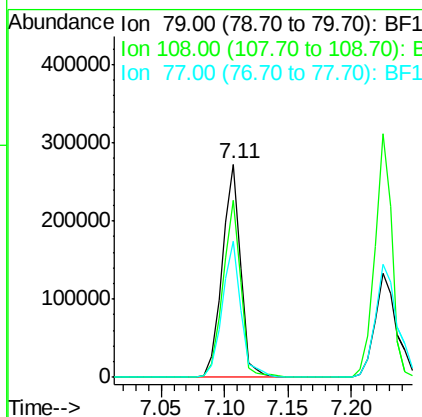
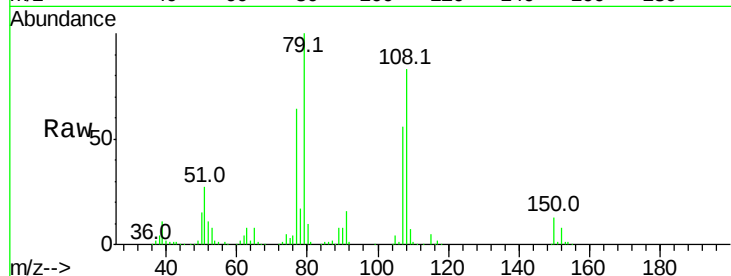
ClientSampleId :

PB110266BS

Tot Ion:	79	Resp:	275554
Ion Ratio	Lower	Upper	
79	100		
108	83.2	65.1	97.7
77	63.9	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 43.204 ng

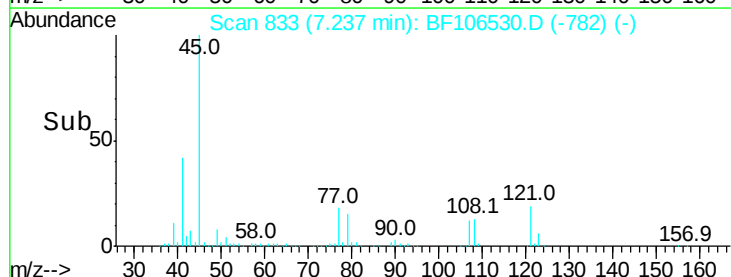
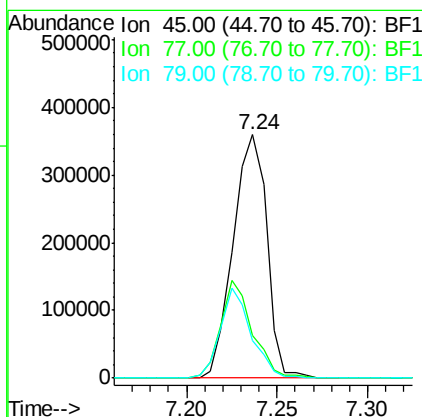
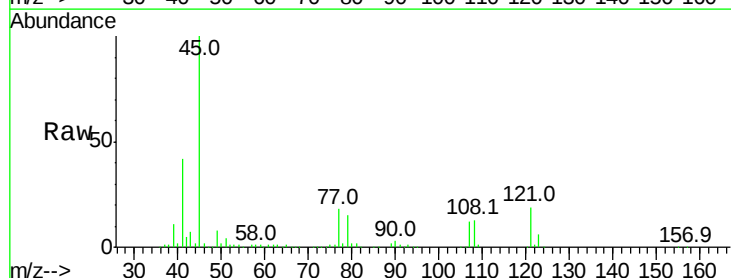
RT: 7.24 min Scan# 833

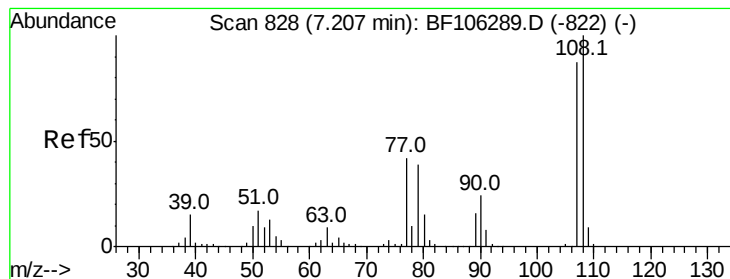
Delta R.T. 0.00 min

Lab File: BF106530.D

Acq: 18 Jun 2018 11:28

Tgt Ion:	45	Resp:	464926
Ion Ratio	Lower	Upper	
45	100		
77	17.7	0.0	32.9
79	15.2	0.0	29.6





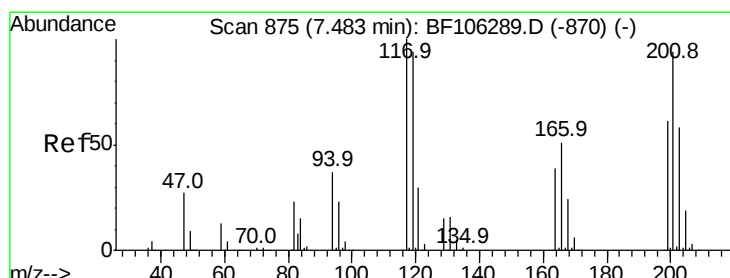
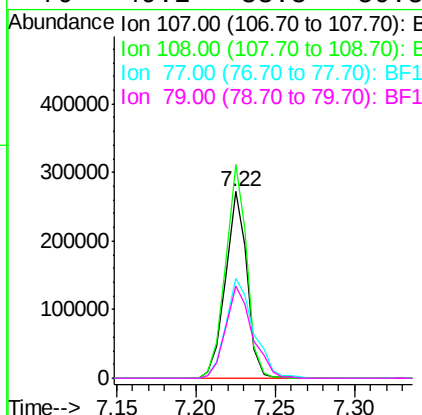
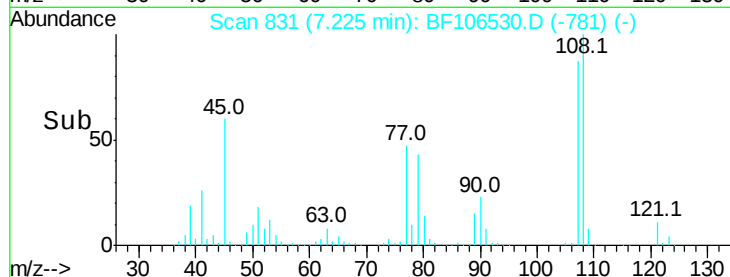
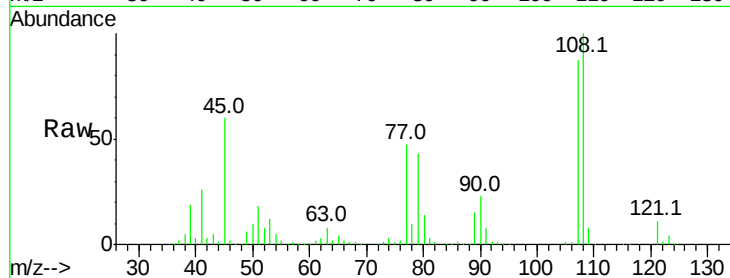
#17
2-Methylphenol
Concen: 41.971 ng
RT: 7.22 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF106530.D
Acq: 18 Jun 2018 11:28

Instrument :
BNA_F
ClientSampleId :
PB110266BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	256031		
108	114.6	91.7	137.5	
77	53.3	33.8	50.8	
79	49.2	33.8	50.8	

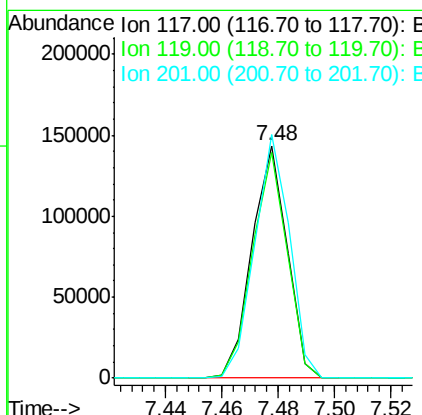
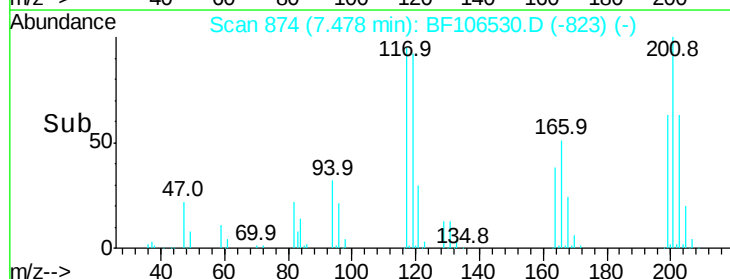
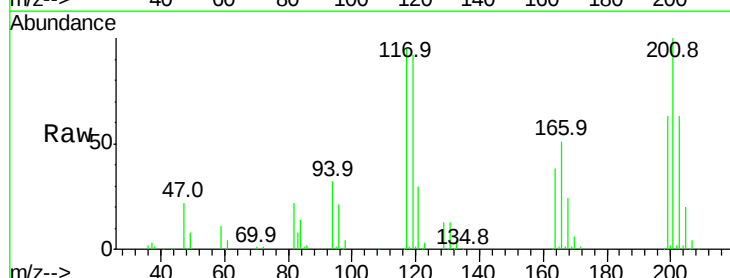
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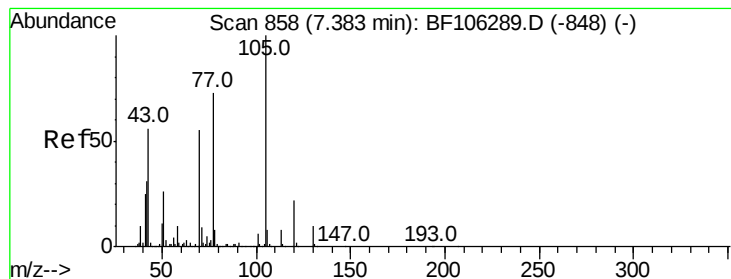
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#18
Hexachloroethane
Concen: 42.638 ng
RT: 7.48 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF106530.D
Acq: 18 Jun 2018 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	124066		
119	96.9	75.8	113.8	
201	104.8	75.7	113.5	





#19

n-Nitroso-di-n-propylamine

Concen: 35.395 ng

RT: 7.37 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF106530.D

Acq: 18 Jun 2018 11:28

Instrument :

BNA_F

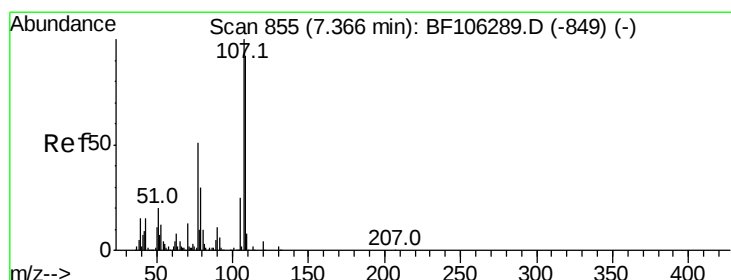
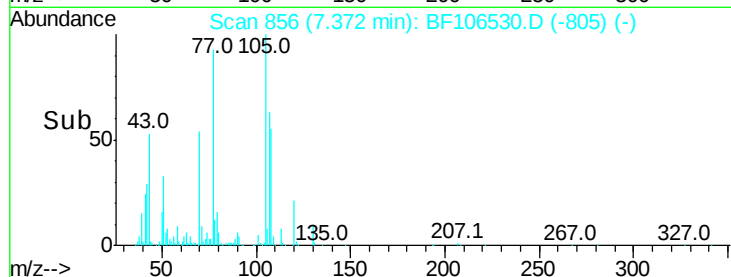
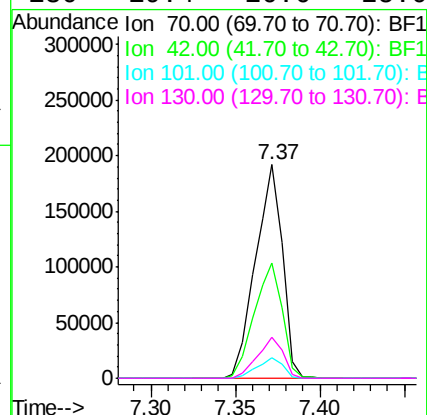
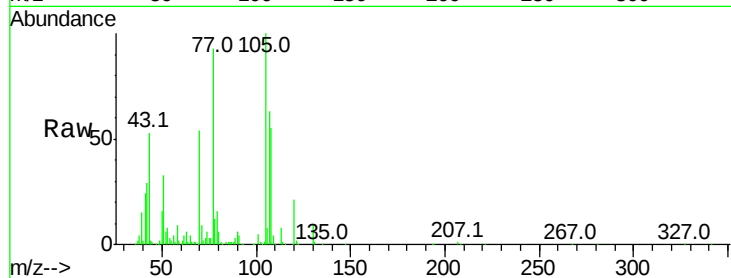
ClientSampleId :

PB110266BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.9	47.5	71.3
101	9.7	7.4	11.2
130	19.4	16.6	25.0

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#20

3+4-Methylphenols

Concen: 39.909 ng

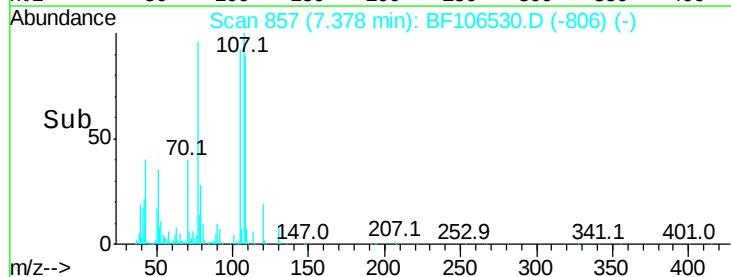
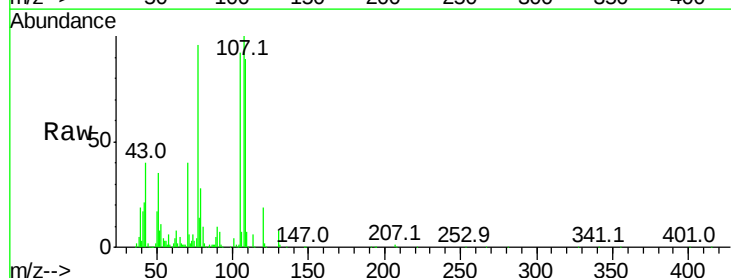
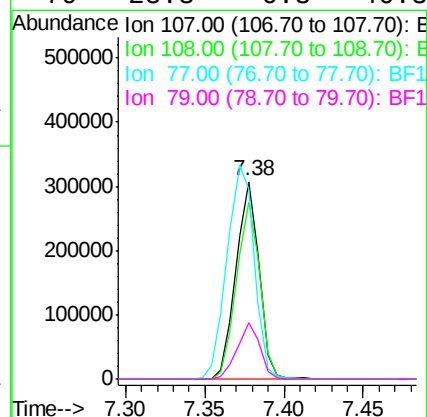
RT: 7.38 min Scan# 857

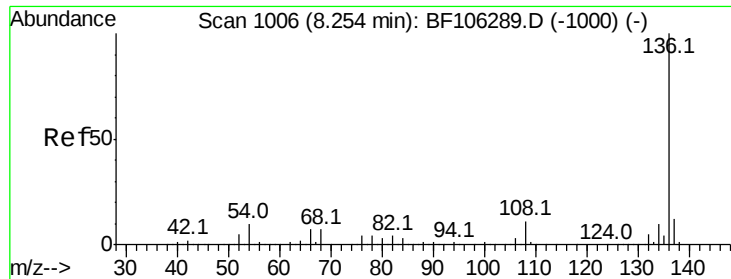
Delta R.T. 0.00 min

Lab File: BF106530.D

Acq: 18 Jun 2018 11:28

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.4	68.2	108.2
77	96.3	26.7	66.7#
79	28.3	6.3	46.3





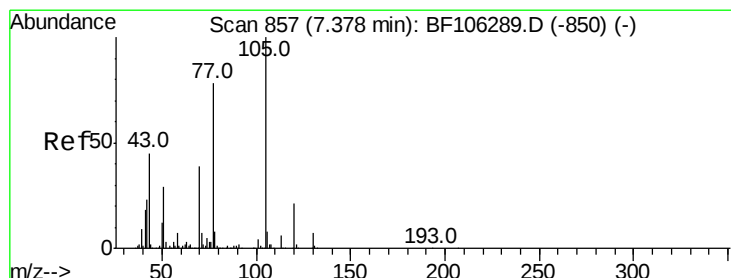
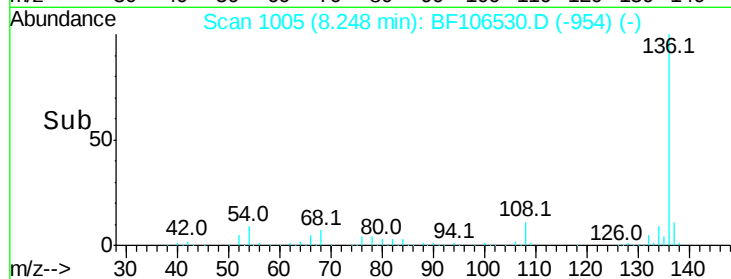
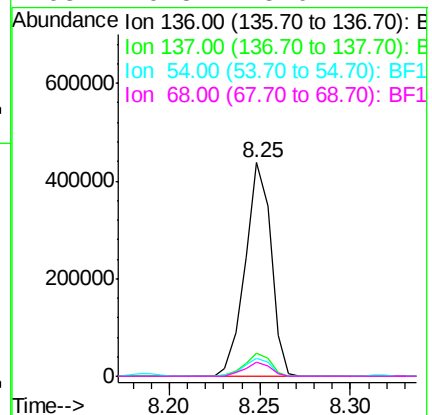
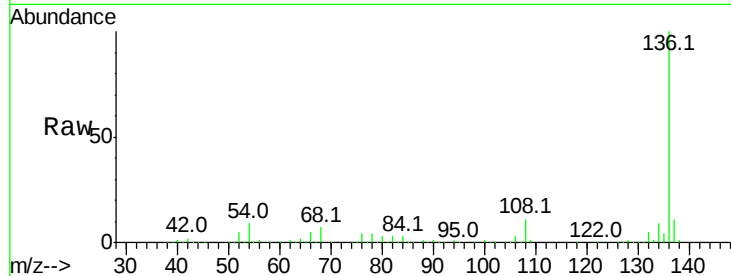
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF106530.D
Acq: 18 Jun 2018 11:28

Instrument :
BNA_F
ClientSampleId :
PB110266BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.9	13.3	
54	8.7	6.6	9.8	
68	6.8	5.0	7.4	

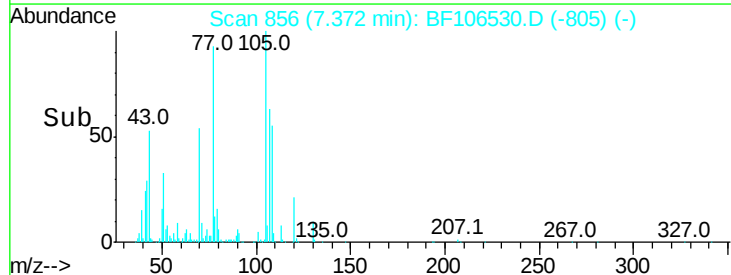
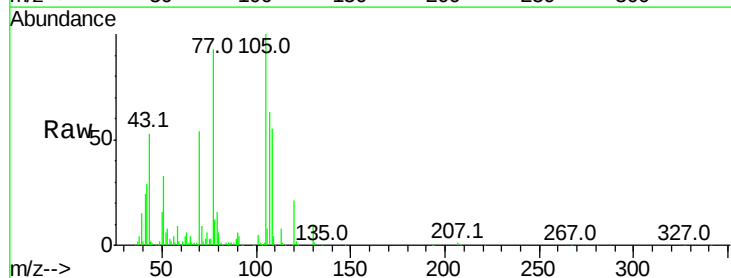
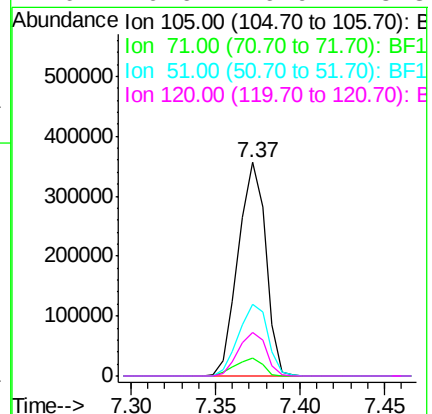
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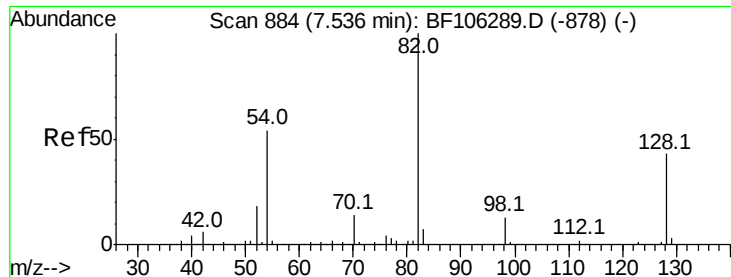
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#22
Acetophenone
Concen: 36.985 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF106530.D
Acq: 18 Jun 2018 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.5	4.4	6.6#	
51	33.3	22.3	33.5	
120	20.6	16.9	25.3	





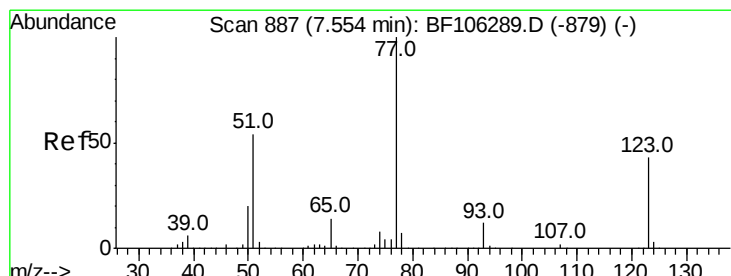
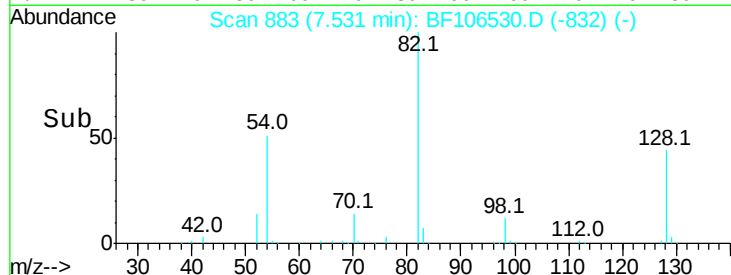
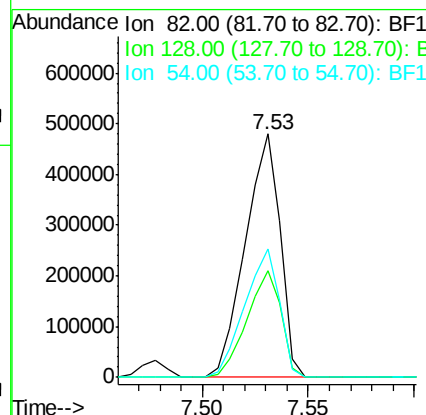
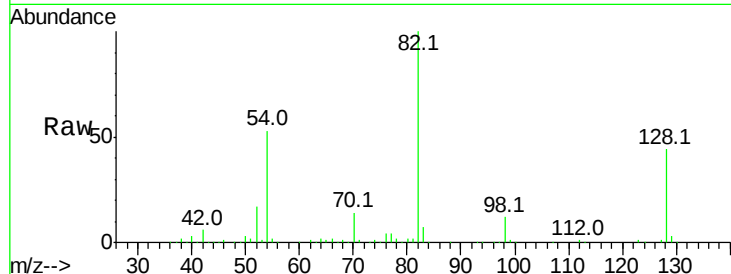
#23
Nitrobenzene-d5
Concen: 74.328 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF106530.D
Acq: 18 Jun 2018 11:28

Instrument :
BNA_F
ClientSampleId :
PB110266BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.6	36.1	54.1	
54	52.8	41.4	62.2	

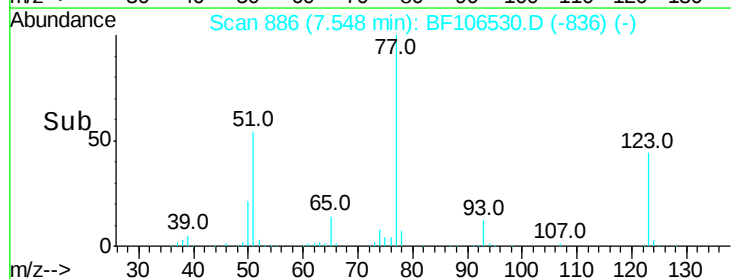
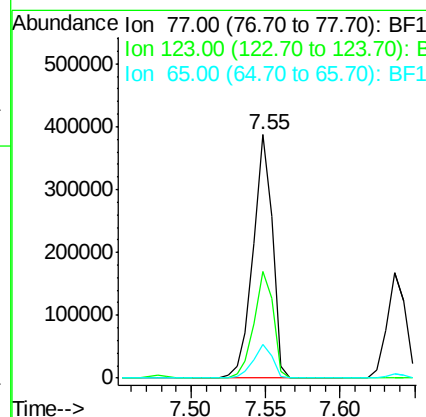
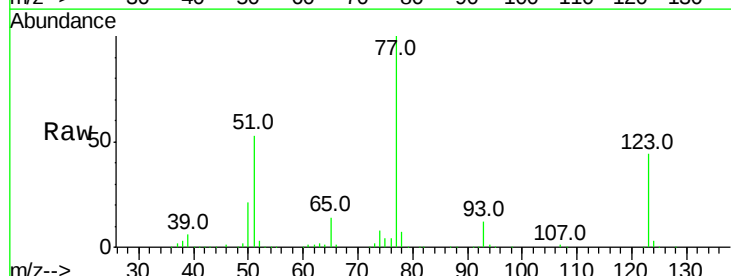
Manual Integrations
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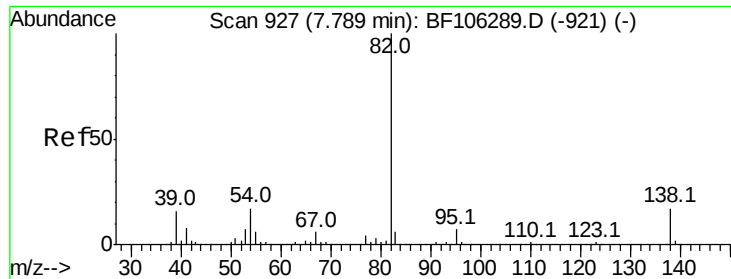
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#24
Nitrobenzene
Concen: 42.958 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF106530.D
Acq: 18 Jun 2018 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	44.0	37.9	56.9	
65	13.6	11.0	16.4	





#25

Isophorone

Concen: 42.417 ng

RT: 7.78 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF106530.D

Acq: 18 Jun 2018 11:28

Instrument :

BNA_F

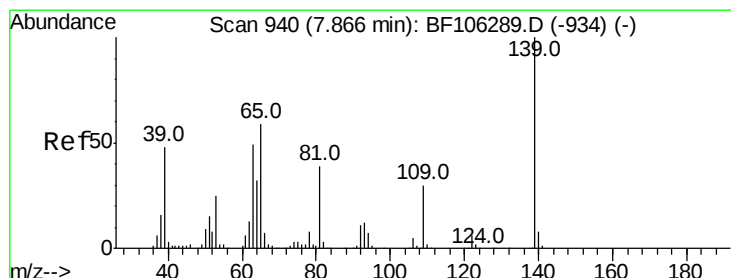
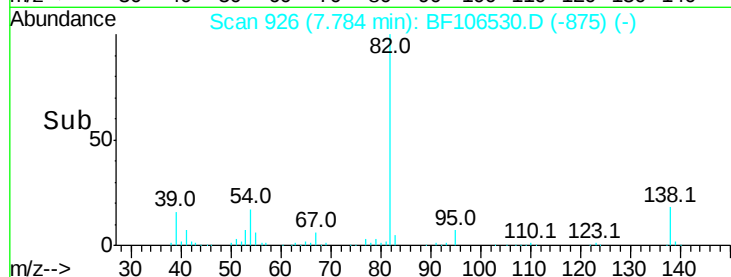
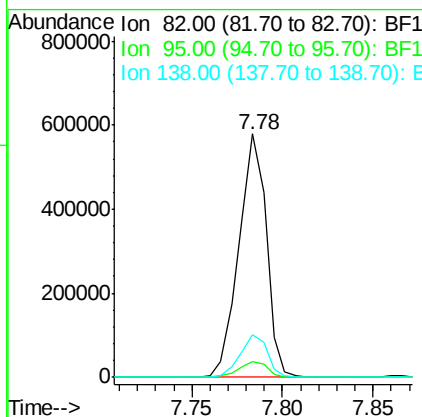
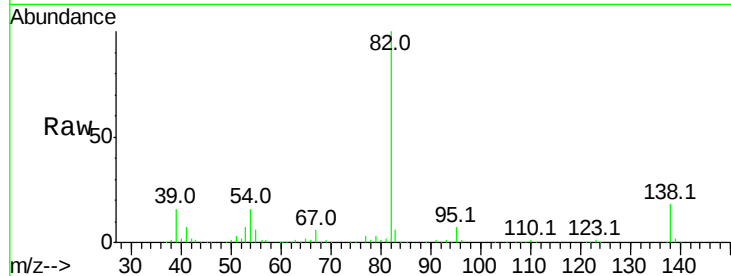
ClientSampleId :

PB110266BS

Tot Ion:	82	Resp:	611314
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.2	7.8
138	17.6	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 53.043 ng

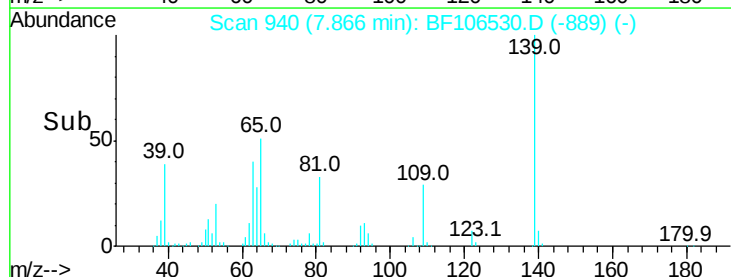
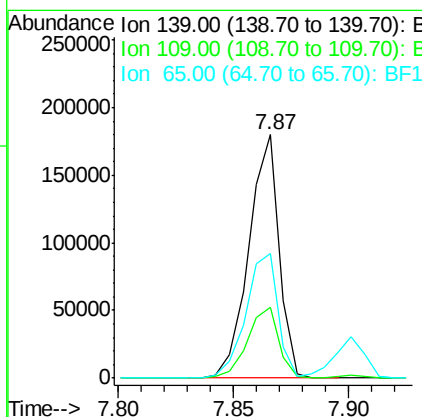
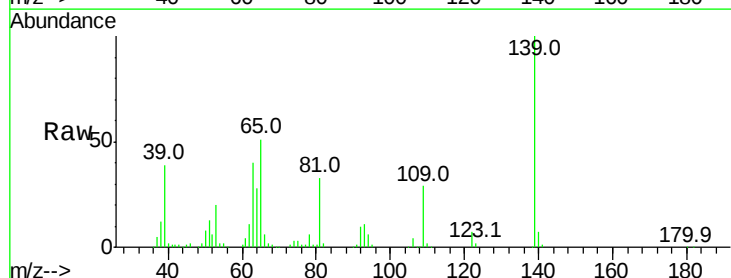
RT: 7.87 min Scan# 940

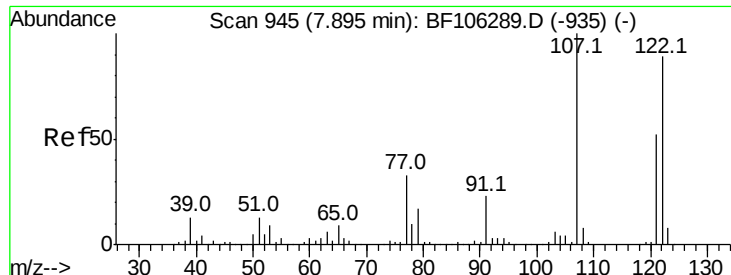
Delta R.T. 0.00 min

Lab File: BF106530.D

Acq: 18 Jun 2018 11:28

Tgt Ion:	139	Resp:	165113
Ion Ratio	Lower	Upper	
139	100		
109	28.9	22.7	34.1
65	51.2	40.5	60.7





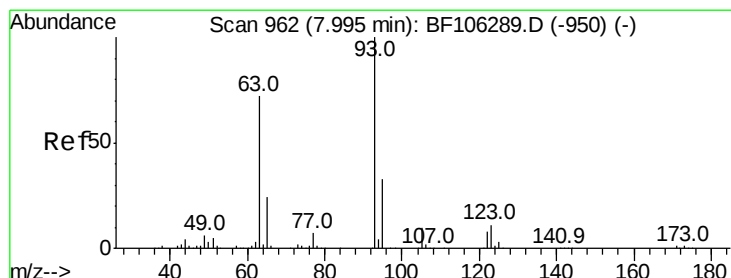
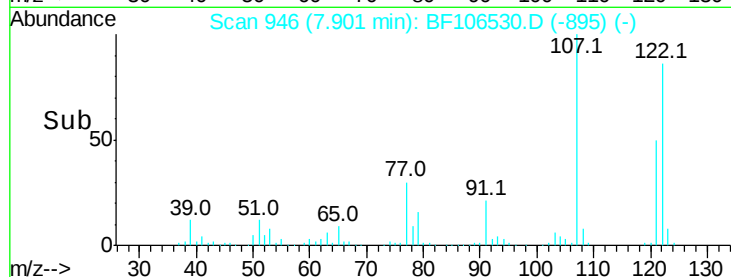
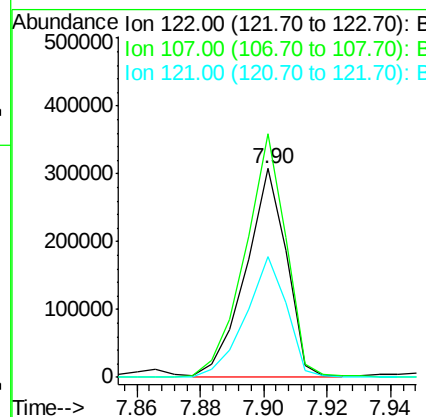
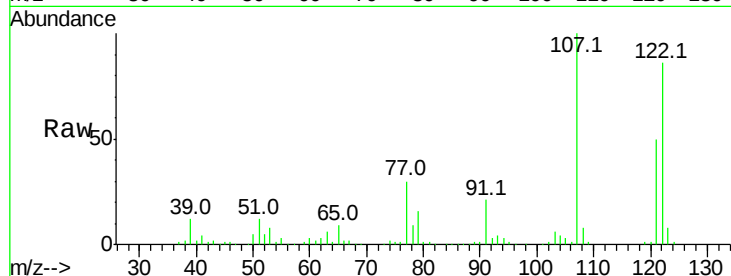
#27
 2,4-Dimethylphenol
 Concen: 45.186 ng
 RT: 7.90 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF106530.D
 Acq: 18 Jun 2018 11:28

Instrument :
 BNA_F
 ClientSampleId :
 PB110266BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	275688		
107	116.5	91.2	136.8	
121	58.0	47.2	70.8	

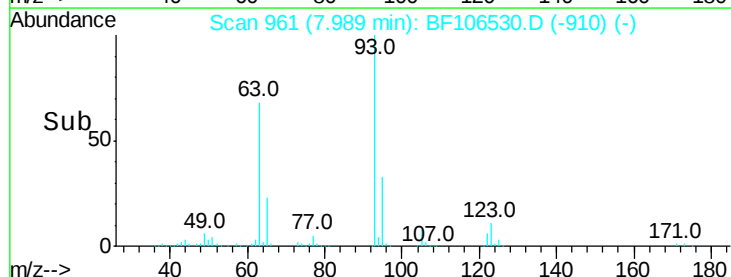
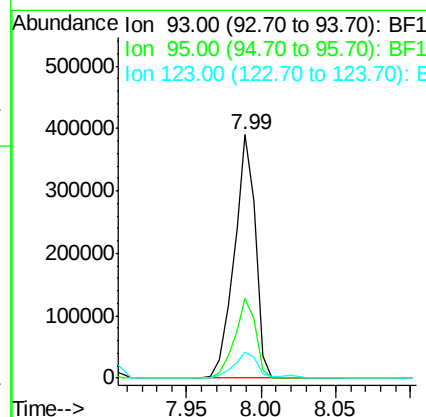
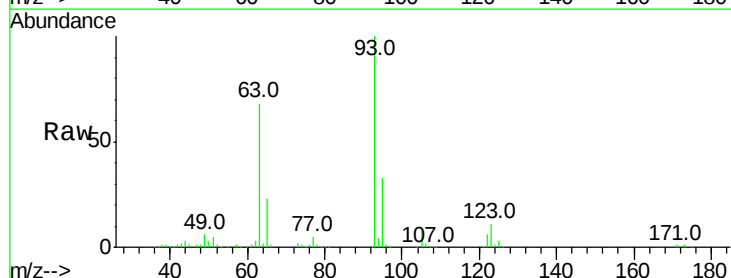
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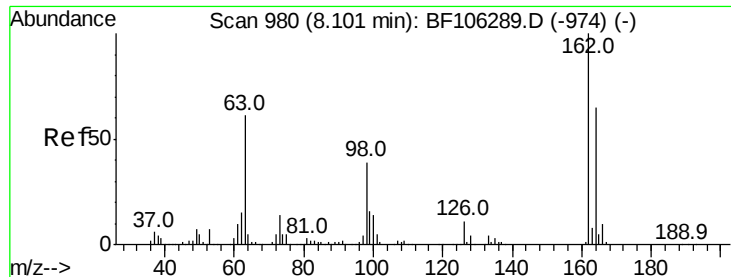
Sohil
 6/19/2018 5:59:33 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.643 ng
 RT: 7.99 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF106530.D
 Acq: 18 Jun 2018 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	389153		
95	33.0	26.3	39.5	
123	10.8	9.8	14.6	





#29

2,4-Dichlorophenol

Concen: 45.283 ng

RT: 8.11 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF106530.D

Acq: 18 Jun 2018 11:28

Instrument :

BNA_F

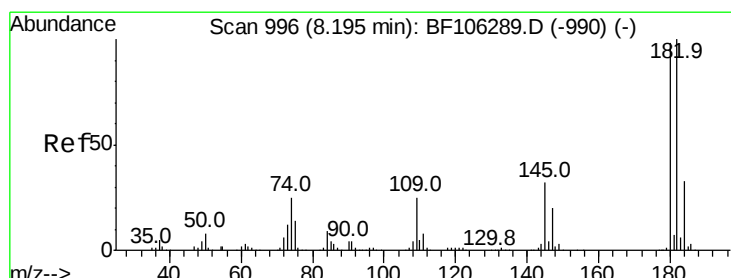
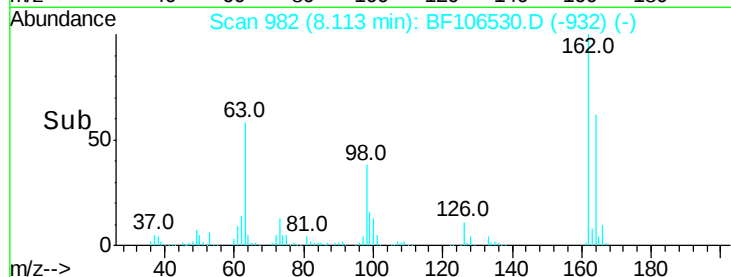
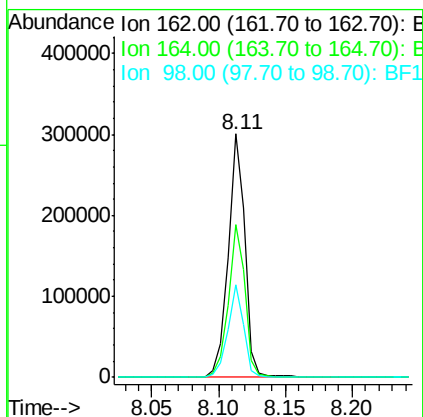
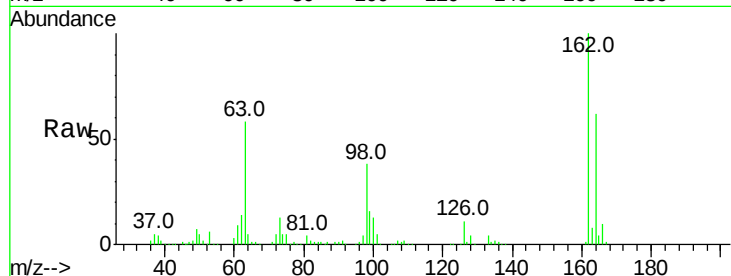
ClientSampleId :

PB110266BS

Tot Ion:	162	Resp:	266536
Ion Ratio	Lower	Upper	
162	100		
164	62.5	42.7	82.7
98	37.9	18.1	58.1

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#30

1,2,4-Trichlorobenzene

Concen: 42.125 ng

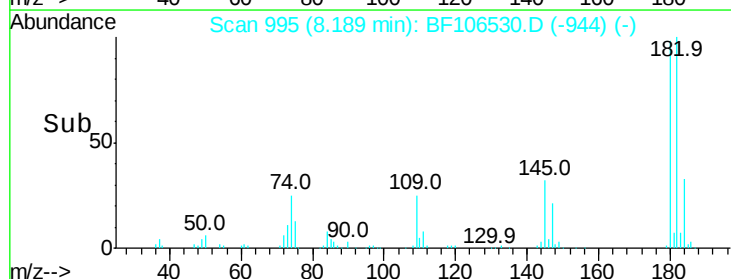
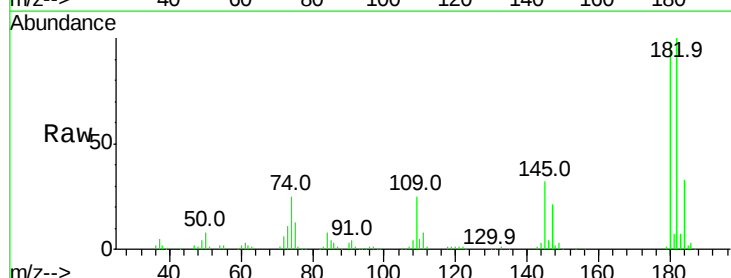
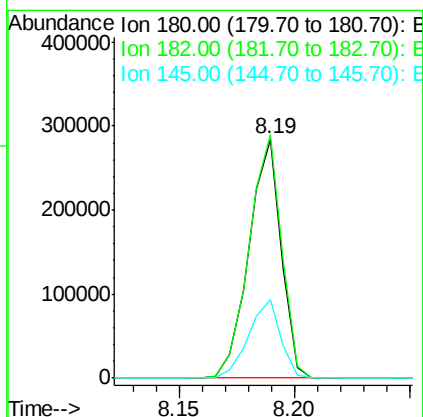
RT: 8.19 min Scan# 995

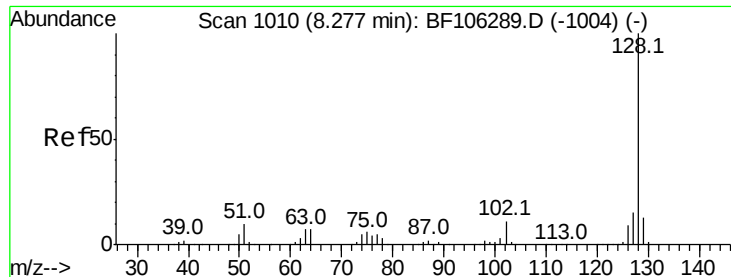
Delta R.T. 0.00 min

Lab File: BF106530.D

Acq: 18 Jun 2018 11:28

Tgt Ion:	180	Resp:	278013
Ion Ratio	Lower	Upper	
180	100		
182	101.8	76.8	115.2
145	32.6	26.5	39.7





#31

Naphthalene

Concen: 43.055 ng

RT: 8.27 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF106530.D

Acq: 18 Jun 2018 11:28

Instrument :

BNA_F

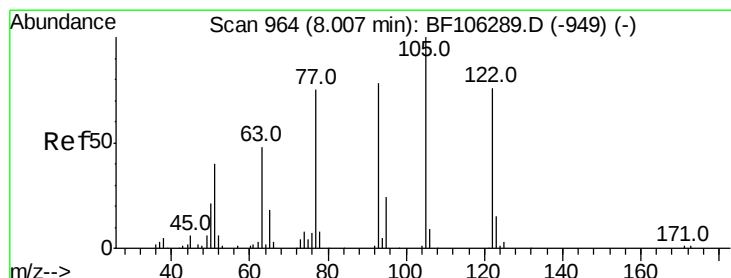
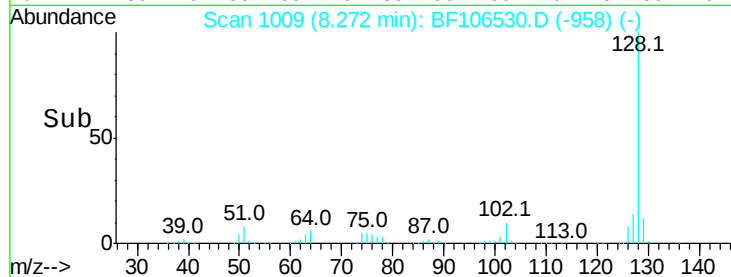
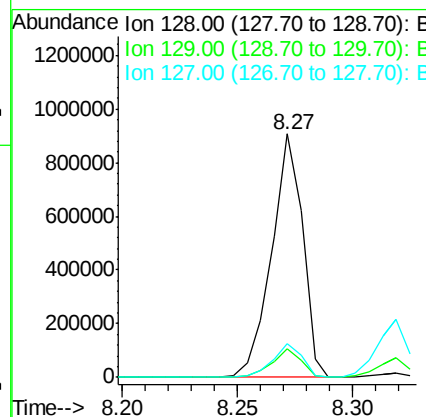
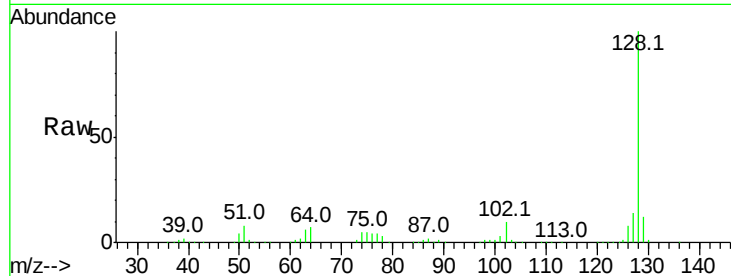
ClientSampleId :

PB110266BS

Tot Ion:	128	Resp:	844834
Ion Ratio	Lower	Upper	
128	100		
129	11.6	8.8	13.2
127	14.0	10.9	16.3

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#32

Benzoic acid

Concen: 32.516 ng

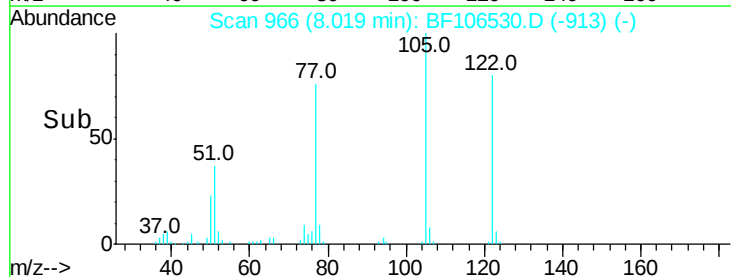
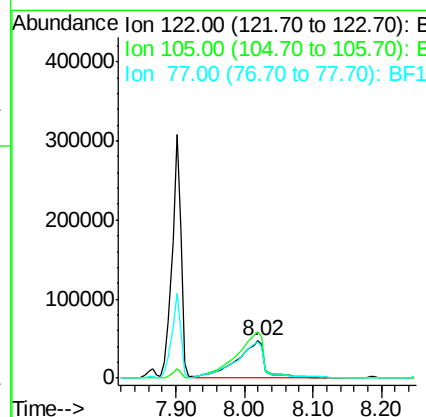
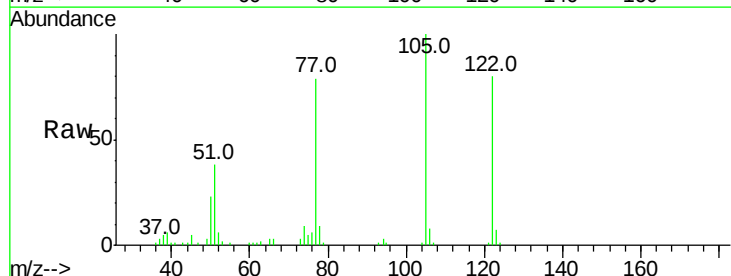
RT: 8.02 min Scan# 966

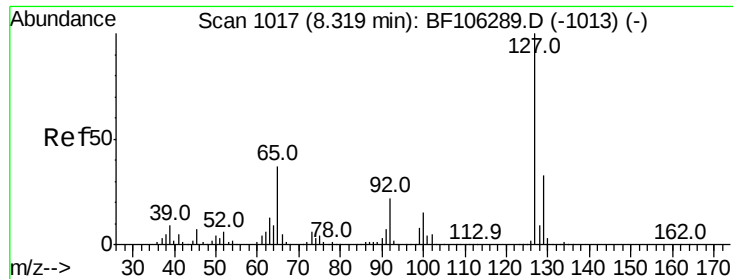
Delta R.T. 0.01 min

Lab File: BF106530.D

Acq: 18 Jun 2018 11:28

Tgt Ion:	122	Resp:	133849
Ion Ratio	Lower	Upper	
122	100		
105	125.6	101.1	141.1
77	99.0	70.7	110.7





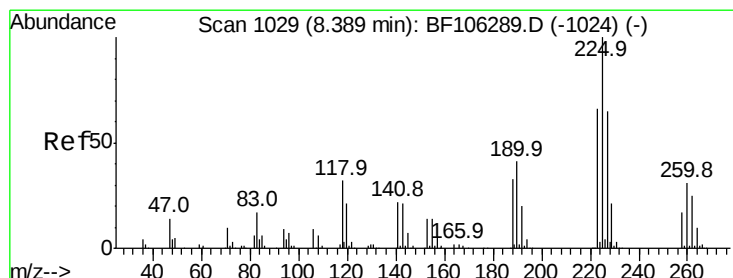
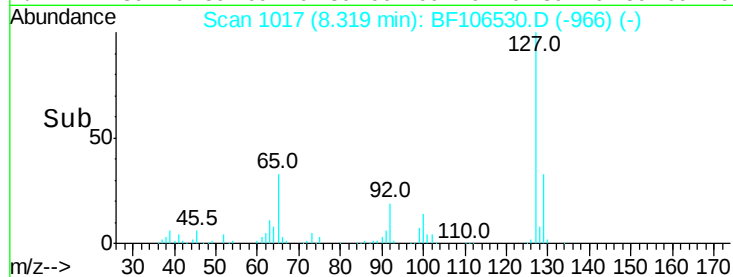
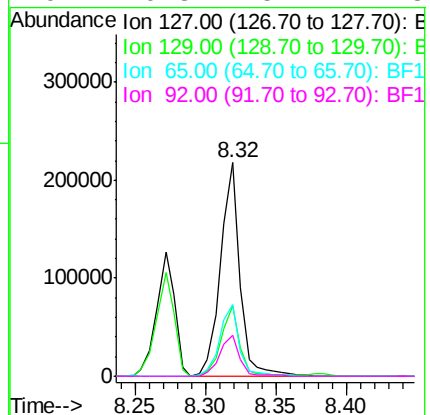
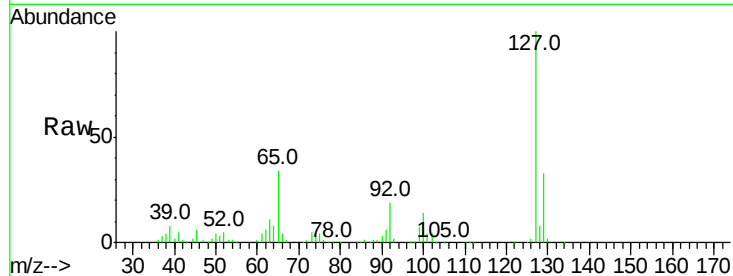
#33
4-Chloroaniline
Concen: 24.107 ng
RT: 8.32 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF106530.D
Acq: 18 Jun 2018 11:28

Instrument :
BNA_F
ClientSampleId :
PB110266BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.8	25.9	38.9		
65	33.6	25.0	37.4		
92	19.3	15.2	22.8		

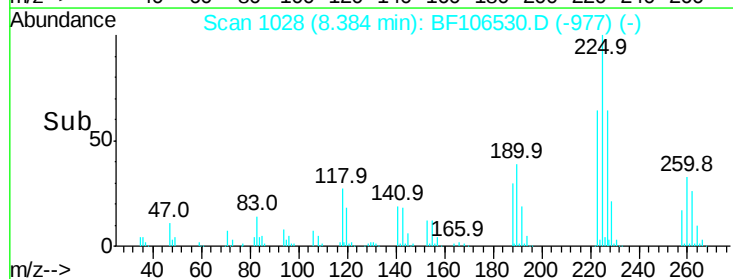
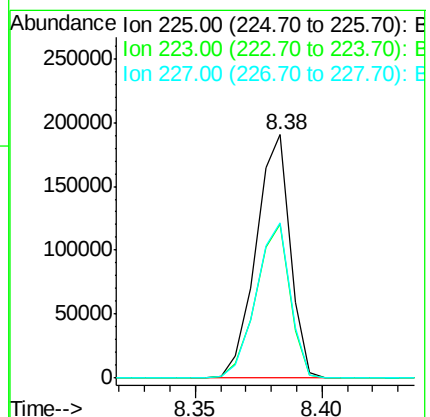
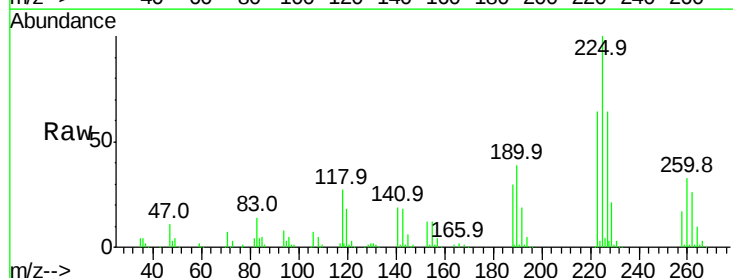
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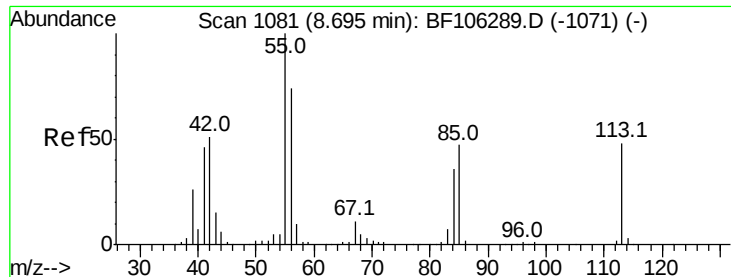
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#34
Hexachlorobutadiene
Concen: 42.237 ng
RT: 8.38 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF106530.D
Acq: 18 Jun 2018 11:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.5	50.6	76.0		
227	64.0	51.9	77.9		





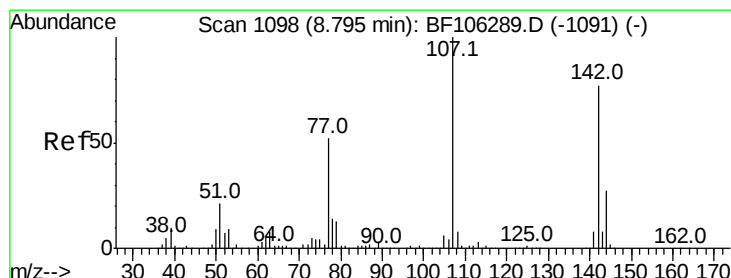
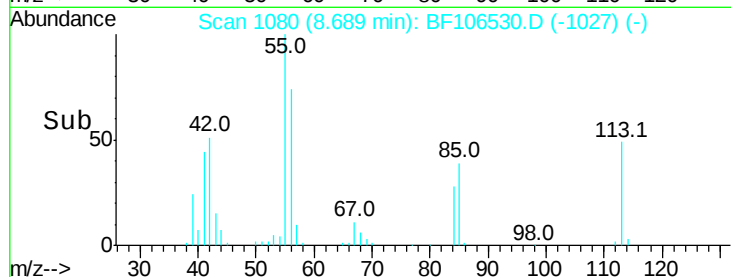
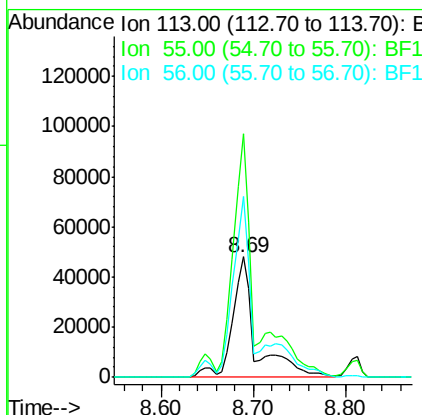
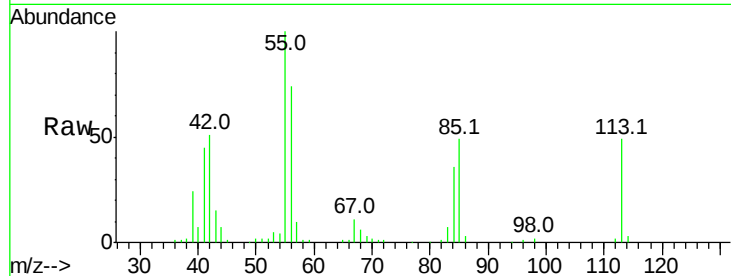
#35
 Caprolactam
 Concen: 42.766 ng/ml
 RT: 8.69 min Scan# 1080
 Delta R.T. 0.01 min
 Lab File: BF106530.D
 Acq: 18 Jun 2018 11:28

Instrument :
 BNA_F
 ClientSampleID :
 PB110266BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	202.7	163.3	203.3
56	150.2	115.7	155.7

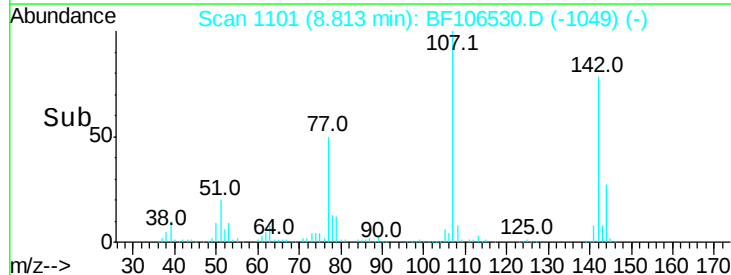
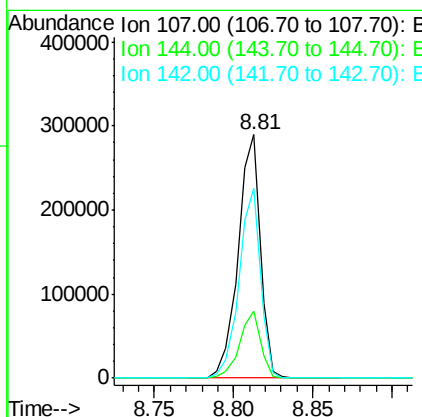
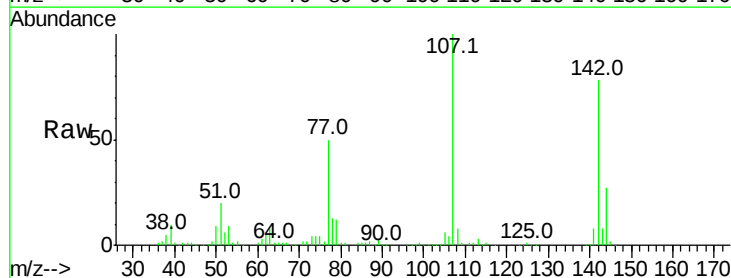
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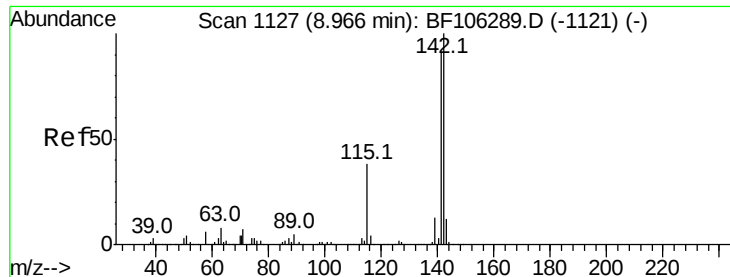
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#36
 4-Chloro-3-methylphenol
 Concen: 43.118 ng/ml
 RT: 8.81 min Scan# 1101
 Delta R.T. 0.01 min
 Lab File: BF106530.D
 Acq: 18 Jun 2018 11:28

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.3	20.5	30.7
142	77.7	62.0	93.0





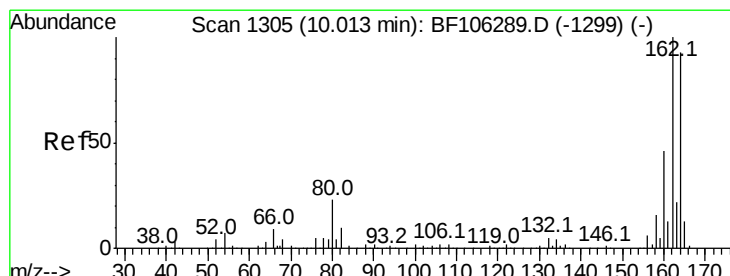
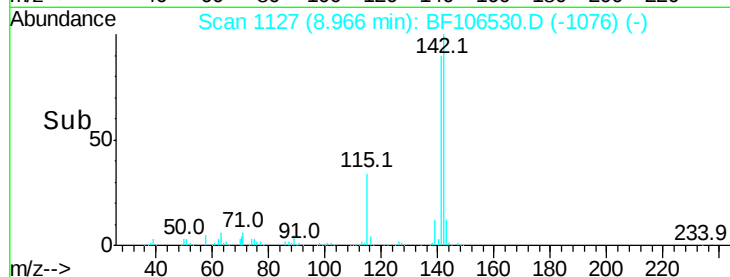
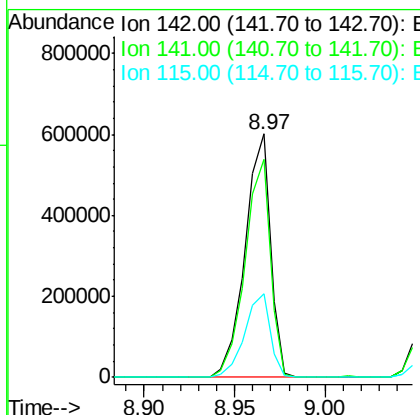
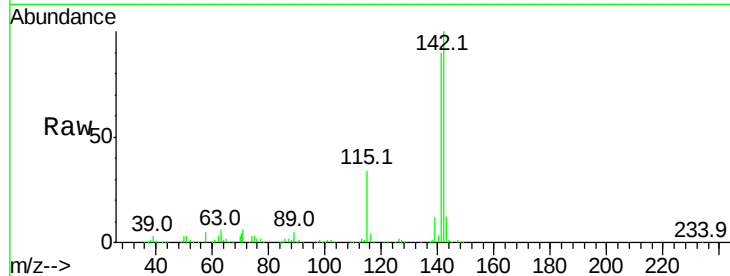
#37
2-Methylnaphthalene
Concen: 43.997 ng
RT: 8.97 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF106530.D
Acq: 18 Jun 2018 11:28

Instrument :
BNA_F
ClientSampleId :
PB110266BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.8	106.2
115	34.1	26.1	39.1

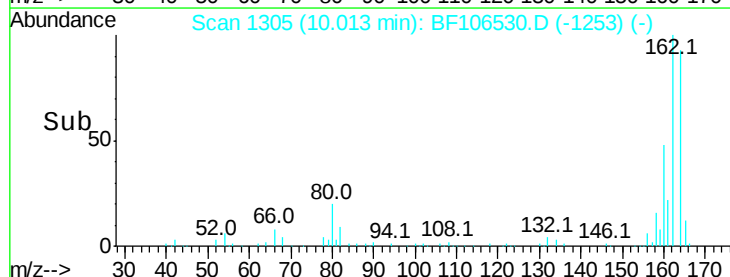
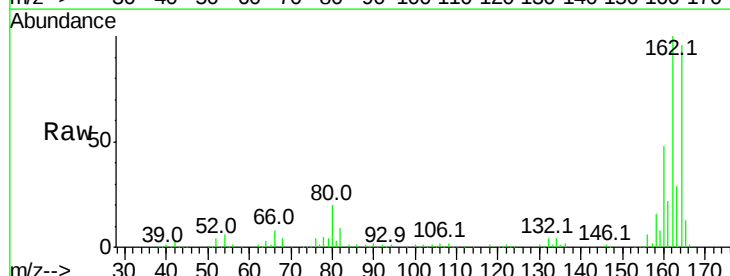
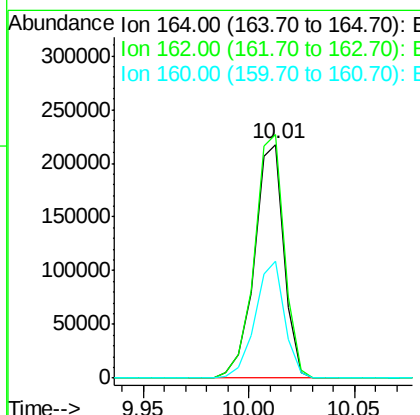
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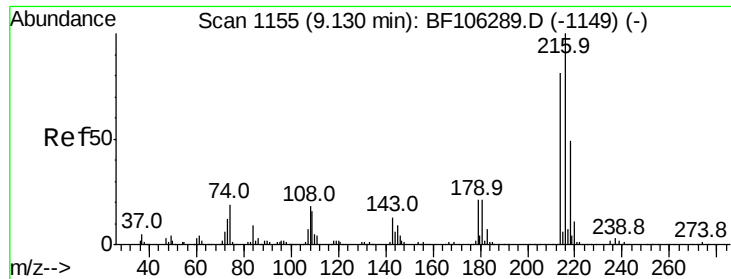
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.01 min
Lab File: BF106530.D
Acq: 18 Jun 2018 11:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	49.8	38.3	57.5





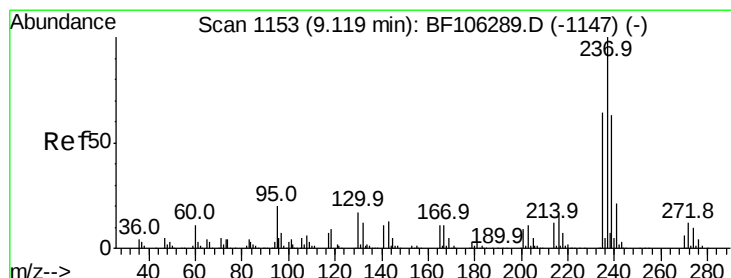
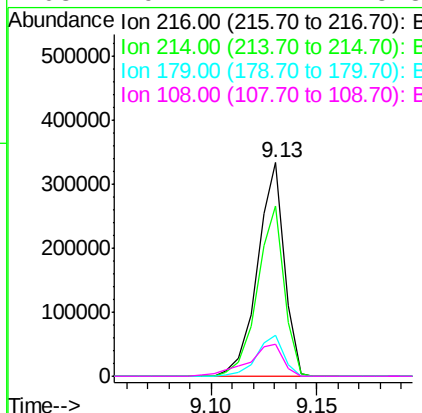
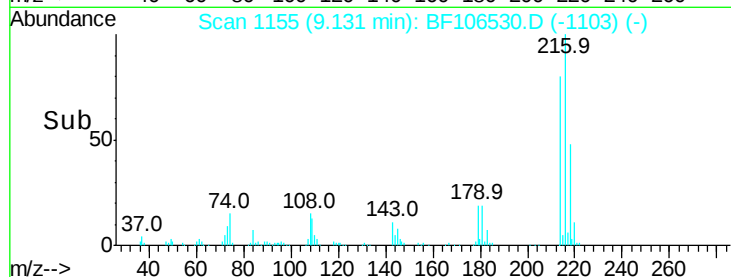
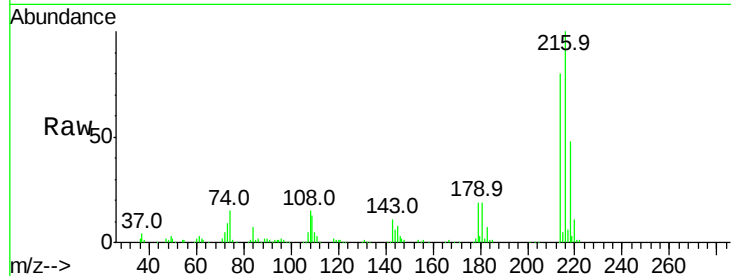
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.824 ng
 RT: 9.13 min Scan# 1155
 Delta R.T. 0.01 min
 Lab File: BF106530.D
 Acq: 18 Jun 2018 11:28

Instrument :
 BNA_F
 ClientSampleId :
 PB110266BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.3	63.0	94.4
179	19.3	18.1	27.1
108	19.4	17.2	25.8

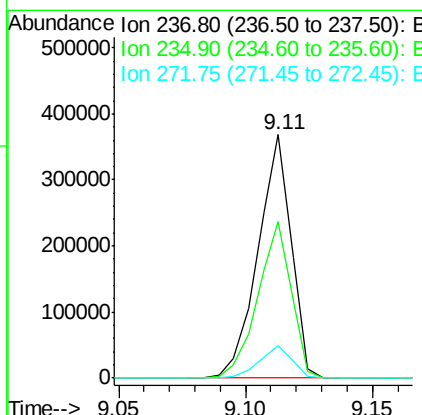
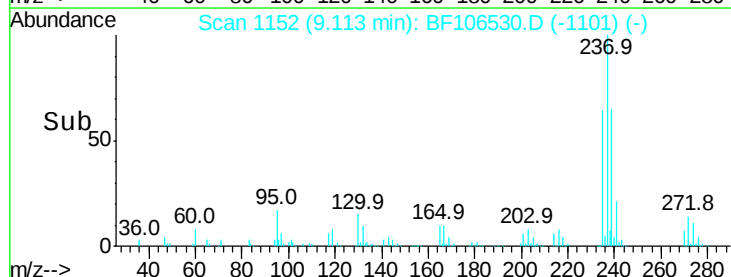
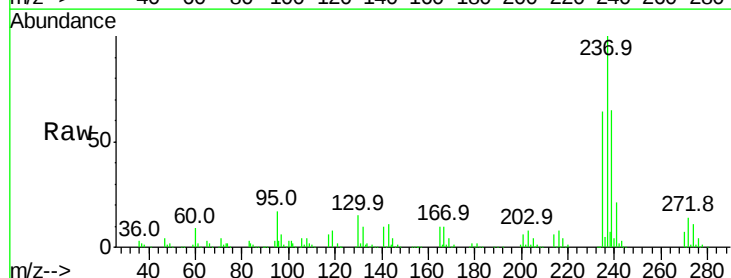
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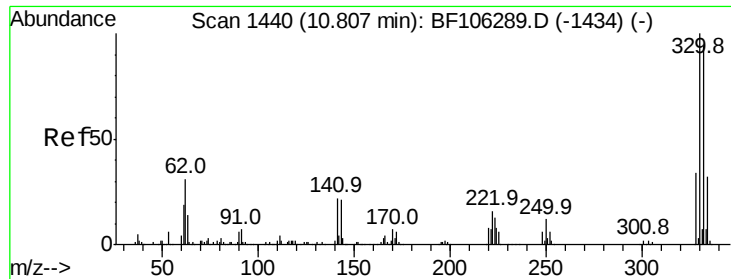
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#40
 Hexachlorocyclopentadiene
 Concen: 88.575 ng
 RT: 9.11 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BF106530.D
 Acq: 18 Jun 2018 11:28

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.3	44.8	84.8
272	13.6	0.0	33.3





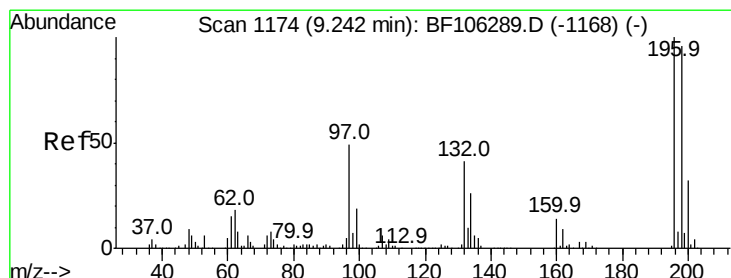
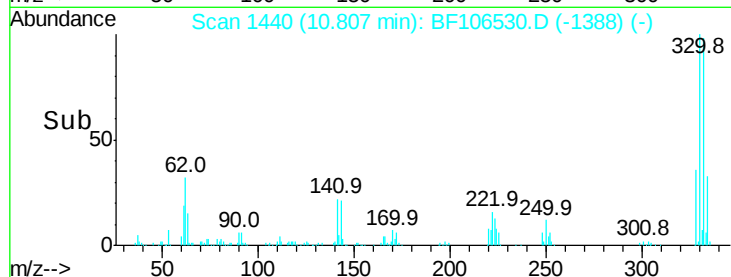
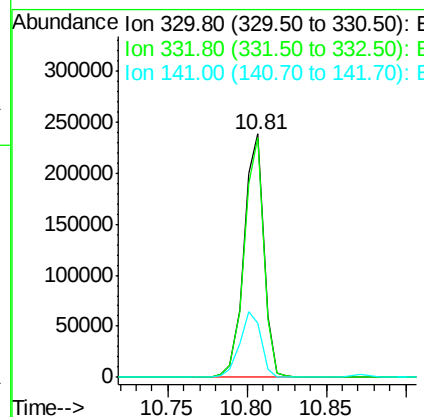
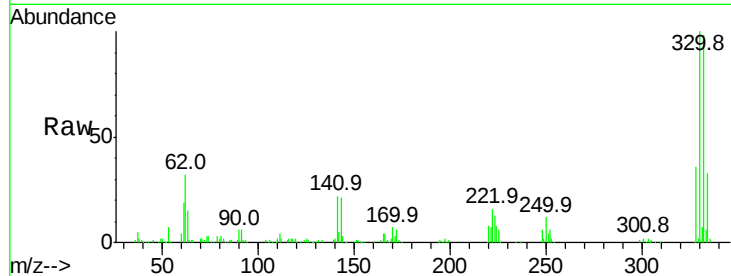
#41
 2,4,6-Tribromophenol
 Concen: 101.266 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BF106530.D
 Acq: 18 Jun 2018 11:28

Instrument :
 BNA_F
 ClientSampleId :
 PB110266BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	207217		
332	97.0	77.0	115.6	
141	29.1	29.9	44.9#	

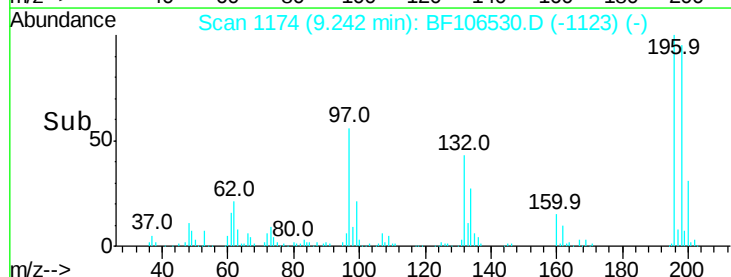
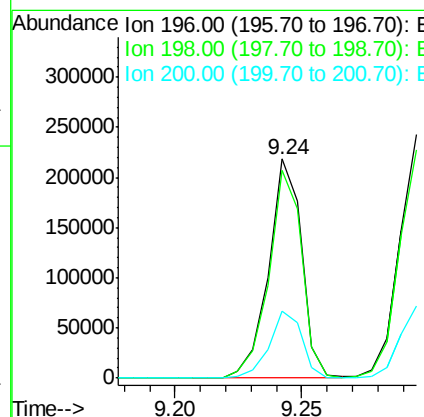
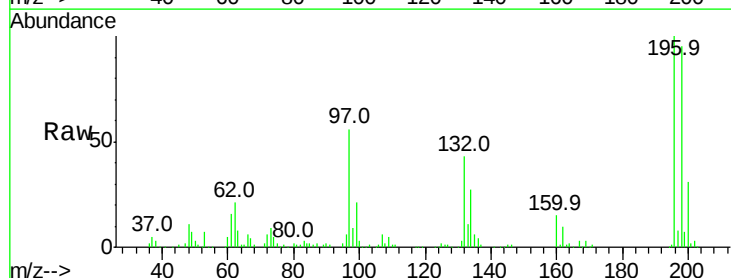
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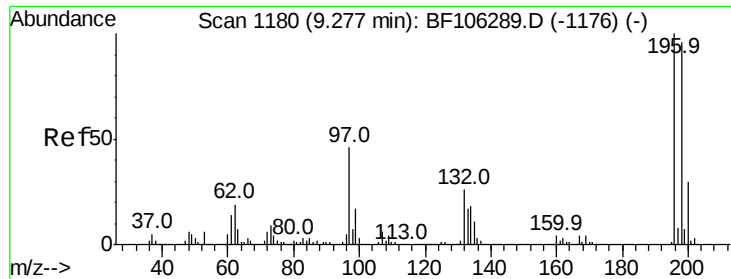
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#42
 2,4,6-Trichlorophenol
 Concen: 45.414 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF106530.D
 Acq: 18 Jun 2018 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	199807		
198	94.6	75.7	113.5	
200	30.6	24.5	36.7	





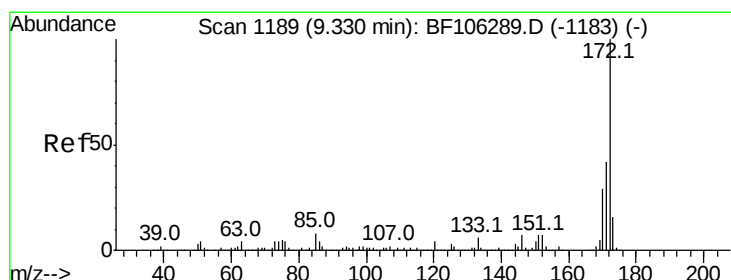
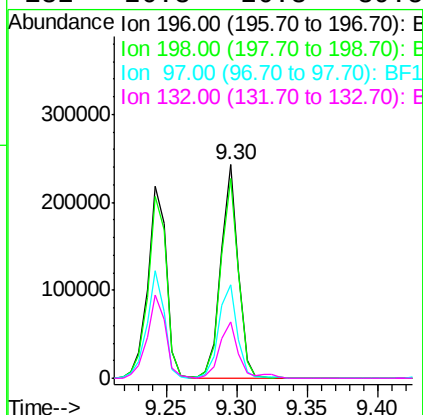
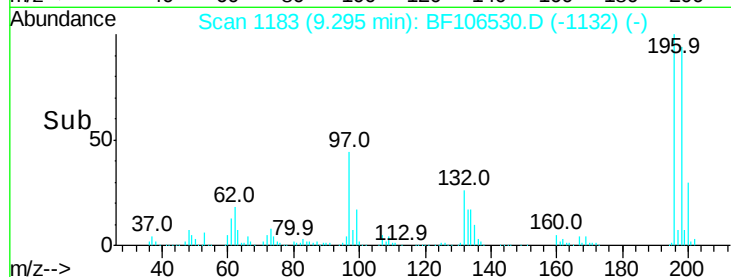
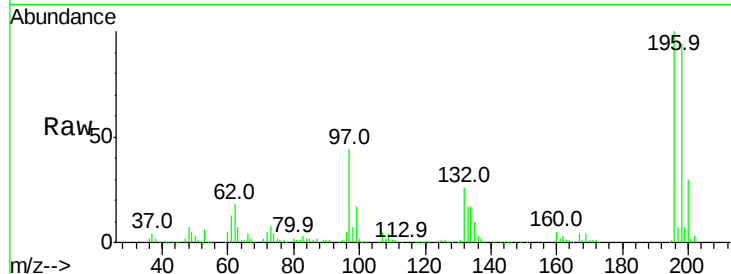
#43
2,4,5-Trichlorophenol
Concen: 43.865 ng
RT: 9.30 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF106530.D
Acq: 18 Jun 2018 11:28

Instrument :
BNA_F
ClientSampleId :
PB110266BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	208051		
198	93.6	74.6	112.0	
97	43.6	42.9	64.3	
132	26.3	26.3	39.5	

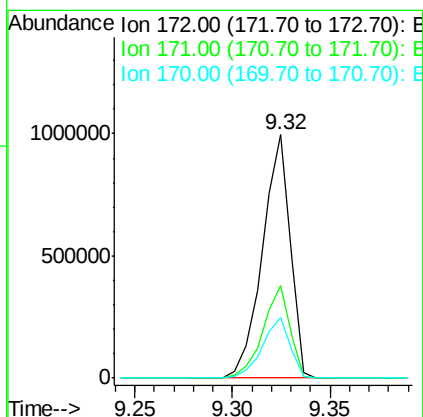
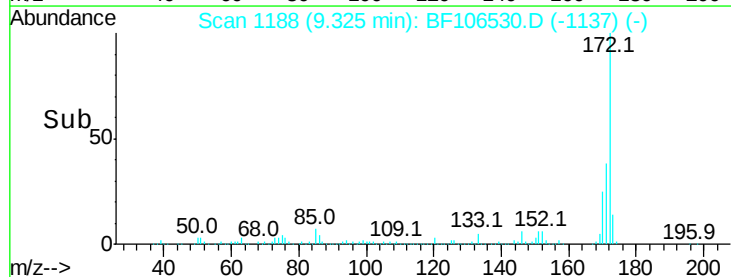
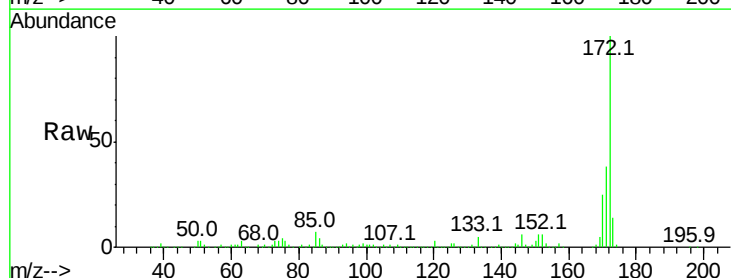
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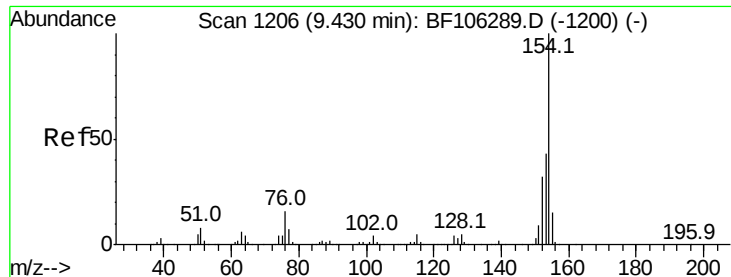
Sohil
6/19/2018 5:59:33 PM



#44
2-Fluorobiphenyl
Concen: 80.335 ng
RT: 9.32 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF106530.D
Acq: 18 Jun 2018 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	979063		
171	37.9	29.7	44.5	
170	25.1	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 41.892 ng

RT: 9.42 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF106530.D

Acq: 18 Jun 2018 11:28

Instrument :

BNA_F

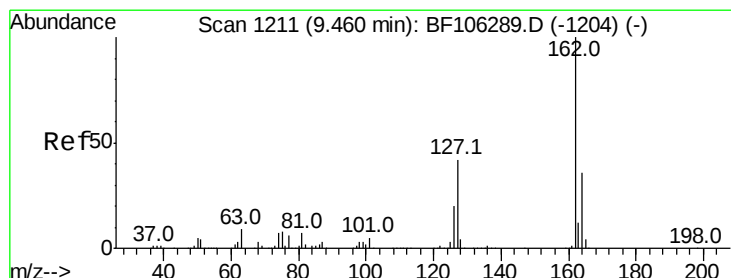
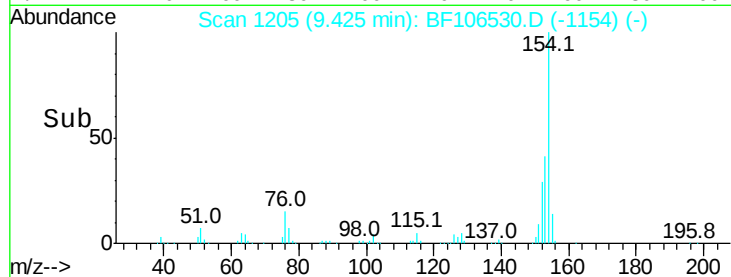
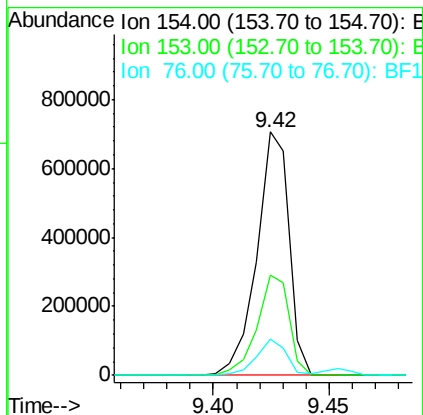
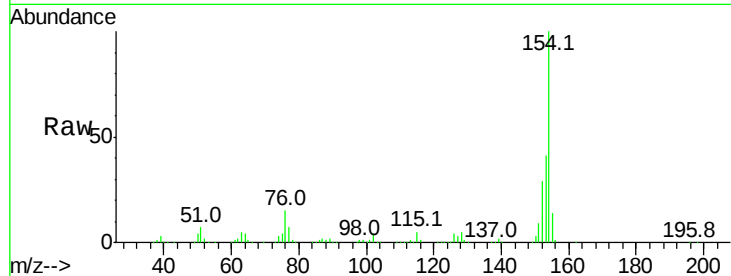
ClientSampleId :

PB110266BS

Tot Ion:	154	Resp:	690069
Ion Ratio	Lower	Upper	
154	100		
153	41.3	21.3	61.3
76	14.7	0.0	34.0

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#46

2-Chloronaphthalene

Concen: 42.041 ng

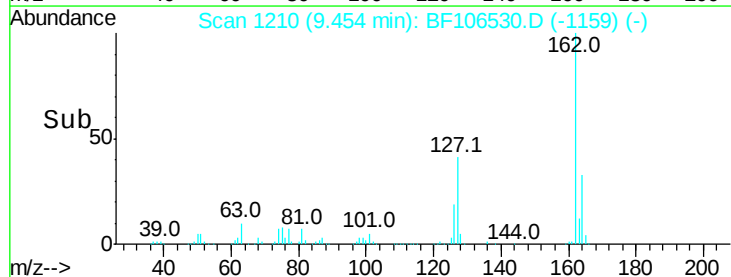
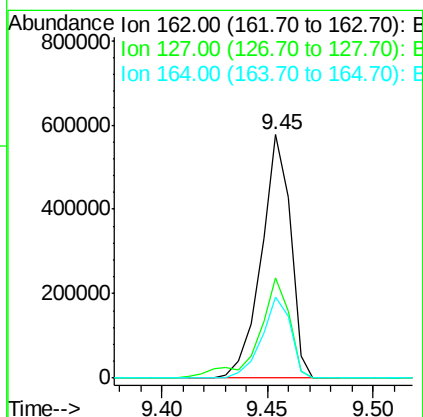
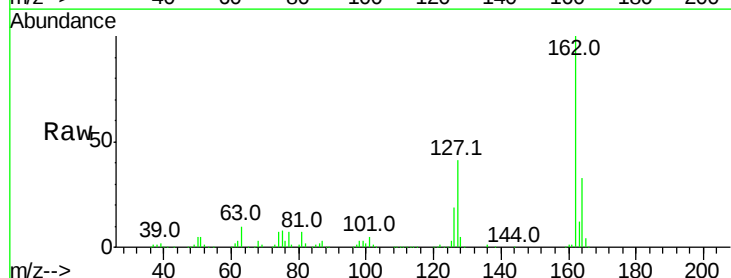
RT: 9.45 min Scan# 1210

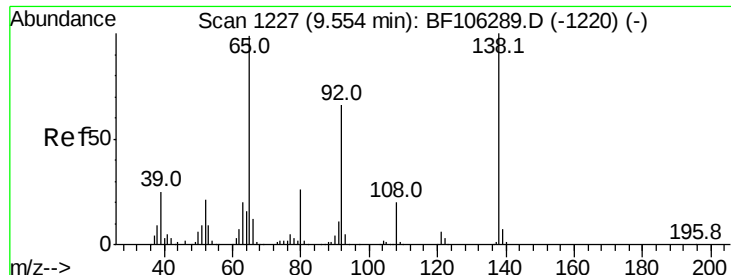
Delta R.T. 0.00 min

Lab File: BF106530.D

Acq: 18 Jun 2018 11:28

Tgt Ion:	162	Resp:	554200
Ion Ratio	Lower	Upper	
162	100		
127	41.2	33.9	50.9
164	33.2	26.5	39.7





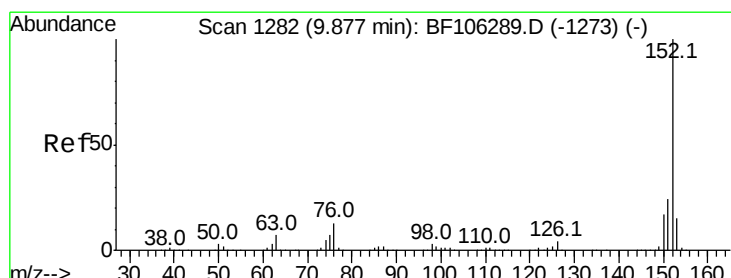
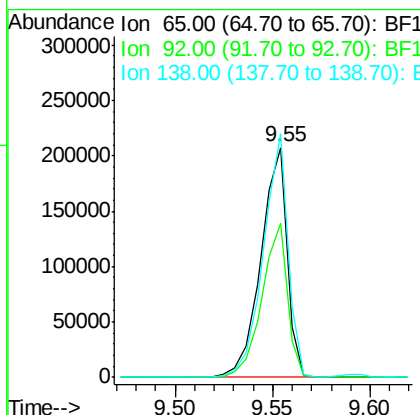
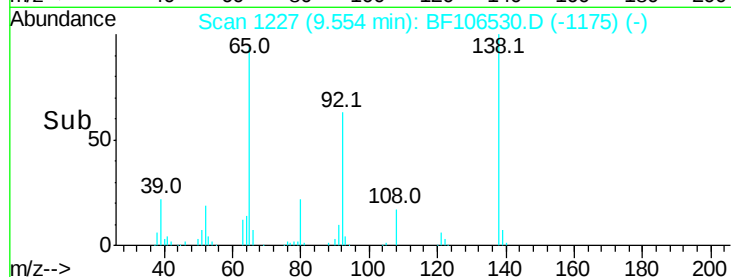
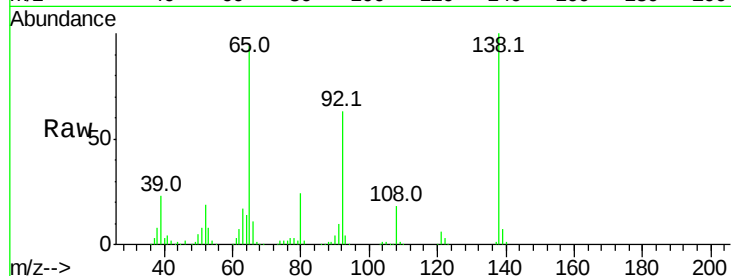
#47
2-Nitroaniline
Concen: 46.584 ng
RT: 9.55 min Scan# 1227
Delta R.T. 0.01 min
Lab File: BF106530.D
Acq: 18 Jun 2018 11:28

Instrument :
BNA_F
ClientSampleId :
PB110266BS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	193178		
92	66.9	55.8	83.6	
138	106.0	91.2	136.8	

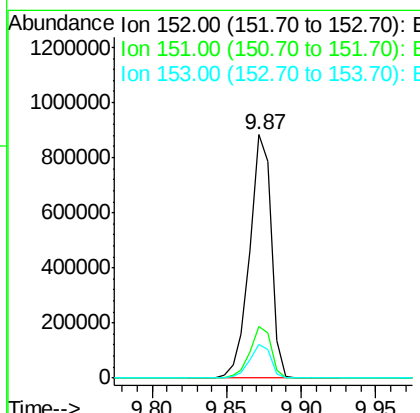
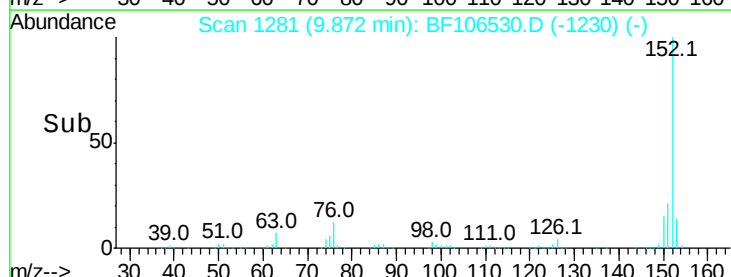
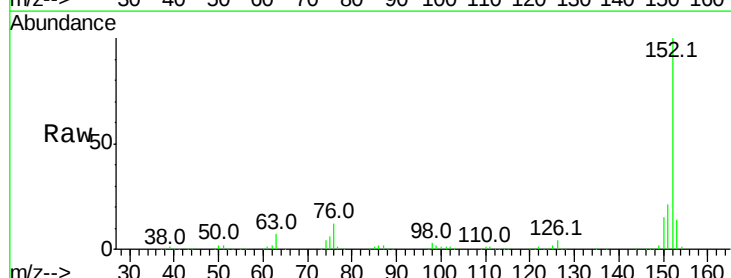
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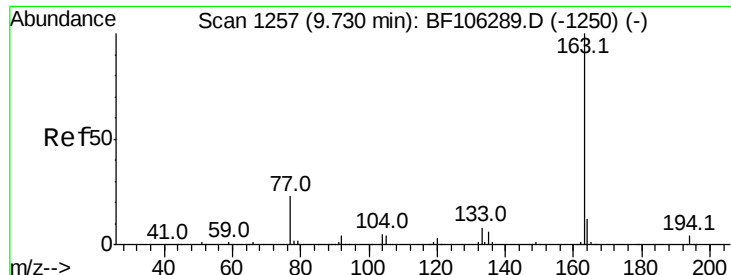
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#48
Acenaphthylene
Concen: 43.671 ng
RT: 9.87 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF106530.D
Acq: 18 Jun 2018 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	881156		
151	21.2	16.3	24.5	
153	14.0	10.7	16.1	





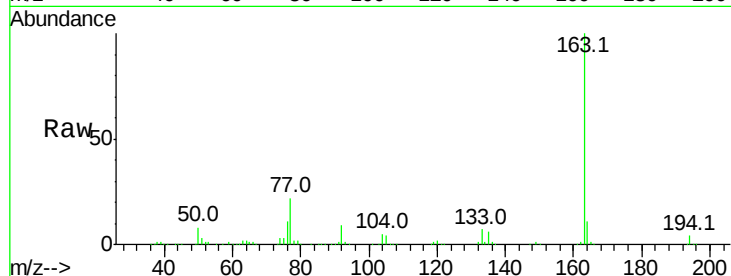
#49
Dimethylphthalate
Concen: 42.313 ng
RT: 9.72 min Scan# 1256
Delta R.T. 0.01 min
Lab File: BF106530.D
Acq: 18 Jun 2018 11:28

Instrument :
BNA_F
ClientSampleId :
PB110266BS

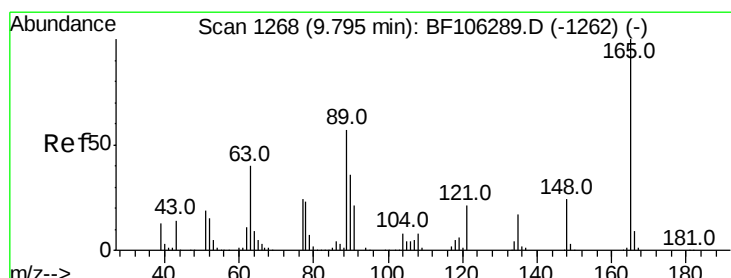
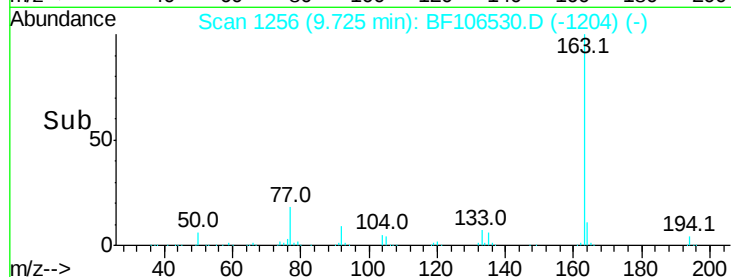
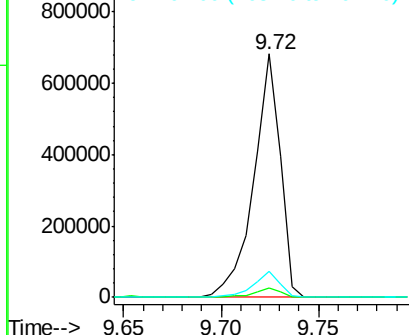
Tot Ion	Ratio	Resp	Lower	Upper
163	100	642905		
194	3.8		2.7	4.1
164	10.7		8.2	12.2

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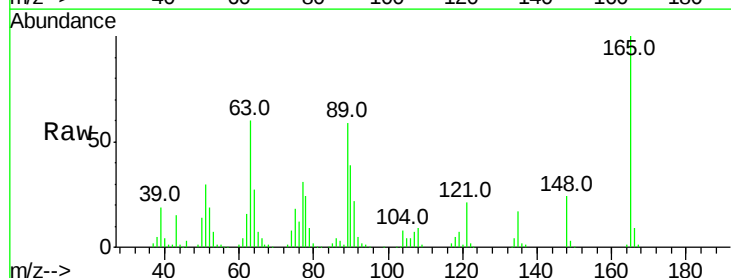


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

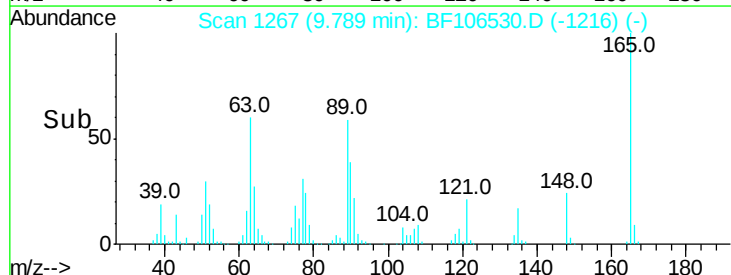
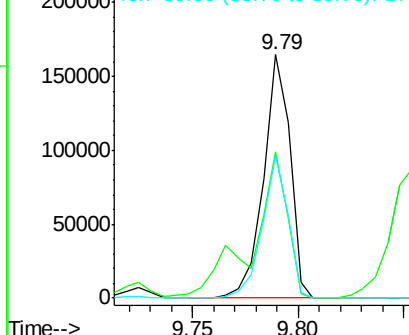


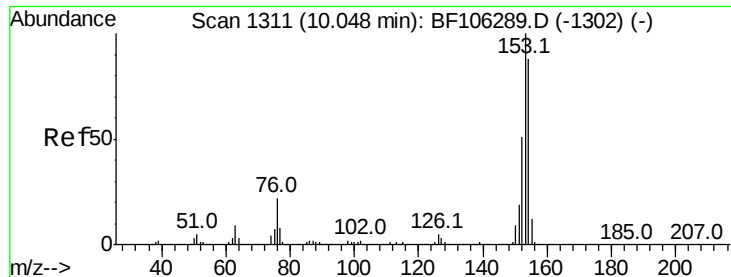
#50
2,6-Dinitrotoluene
Concen: 46.422 ng
RT: 9.79 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF106530.D
Acq: 18 Jun 2018 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	144079		
63	60.1		44.7	67.1
89	58.7		44.0	66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 38.208 ng

RT: 10.04 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF106530.D

Acq: 18 Jun 2018 11:28

Instrument :

BNA_F

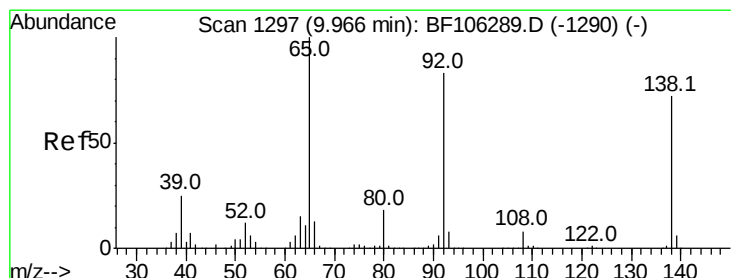
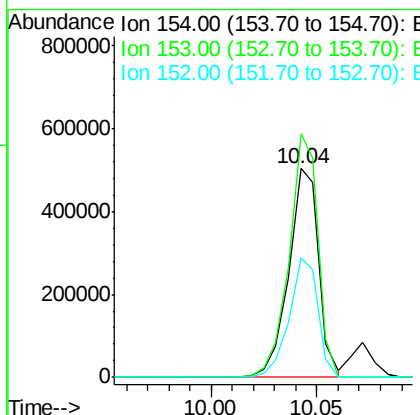
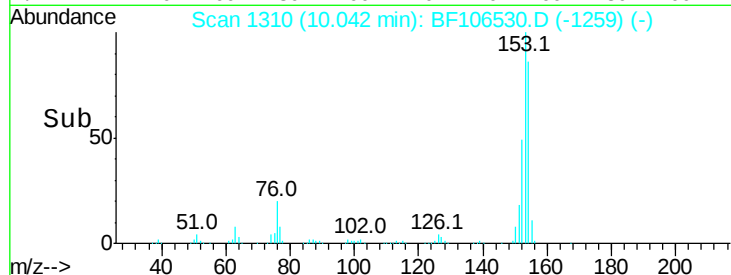
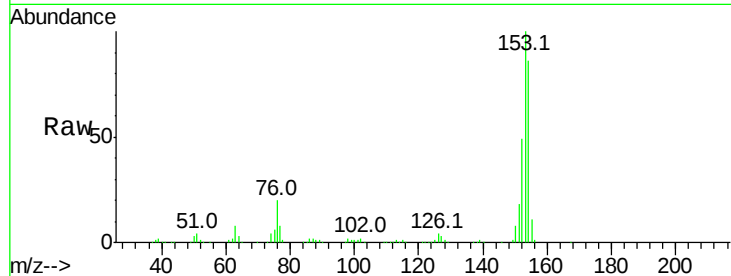
ClientSampleId :

PB110266BS

Tot Ion:	154	Resp:	497869
Ion Ratio	Lower	Upper	
154	100		
153	116.6	91.2	136.8
152	56.9	43.8	65.8

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#52

3-Nitroaniline

Concen: 28.009 ng

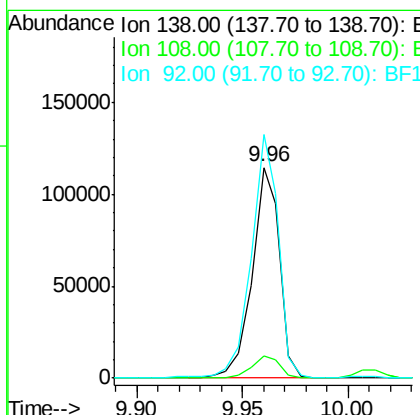
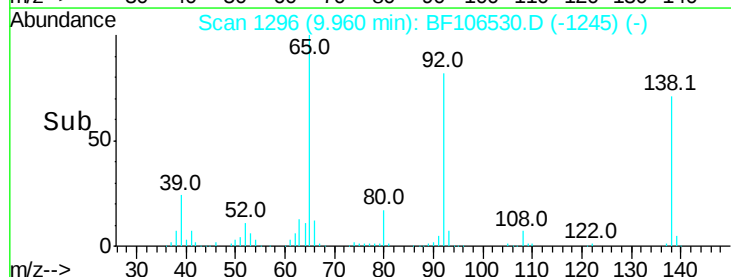
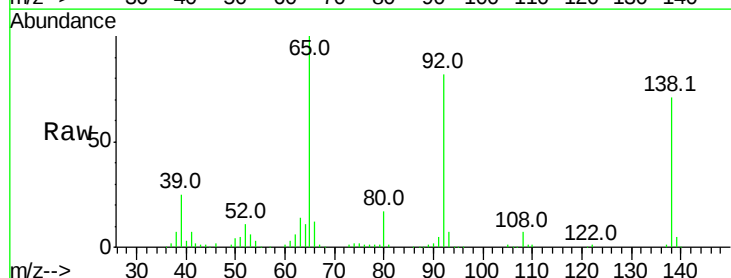
RT: 9.96 min Scan# 1296

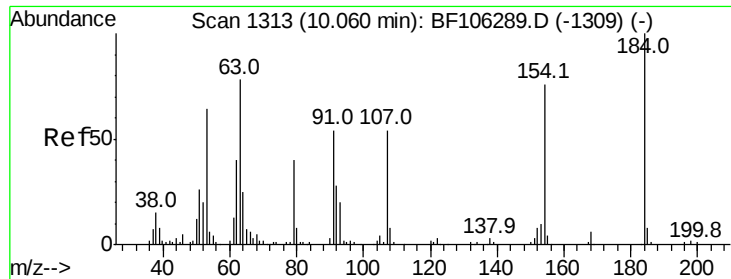
Delta R.T. 0.00 min

Lab File: BF106530.D

Acq: 18 Jun 2018 11:28

Tgt Ion:	138	Resp:	103177
Ion Ratio	Lower	Upper	
138	100		
108	10.5	9.4	14.0
92	115.6	89.4	134.2





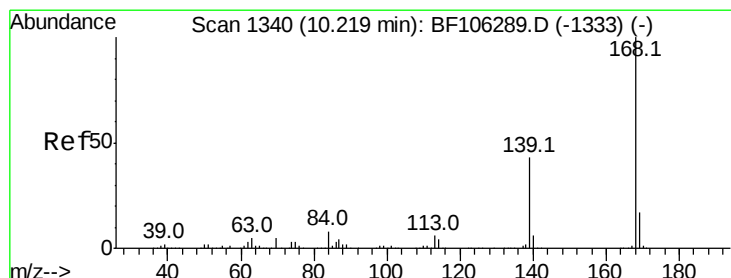
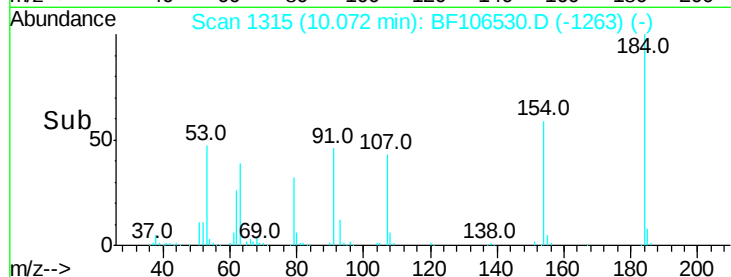
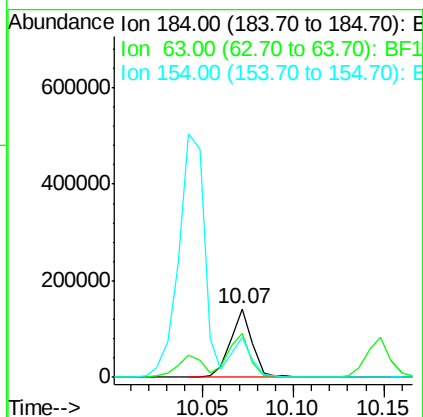
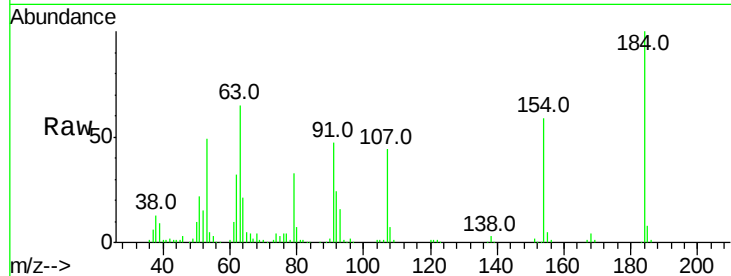
#53
2,4-Dinitrophenol
Concen: 84.150 ng
RT: 10.07 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF106530.D
Acq: 18 Jun 2018 11:28

Instrument :
BNA_F
ClientSampleId :
PB110266BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	64.9	54.2	81.2	
154	59.0	184.0	276.0	#

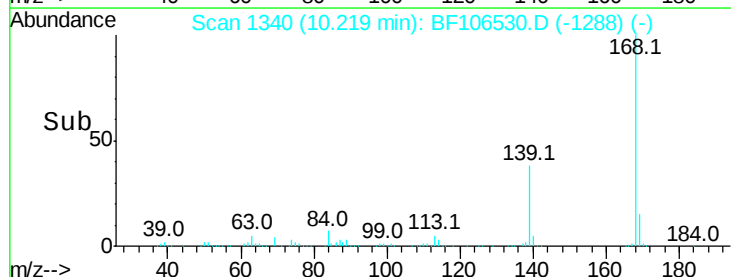
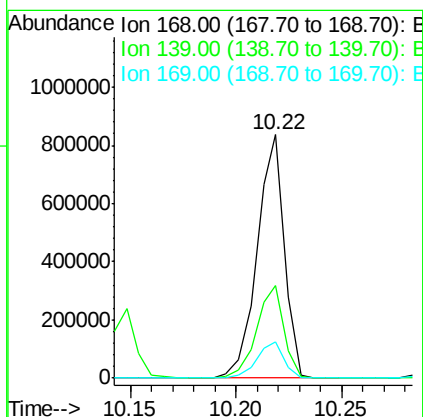
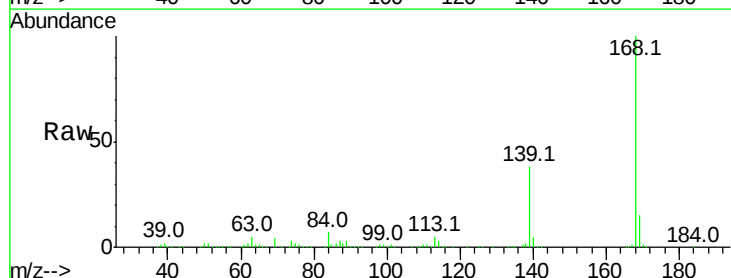
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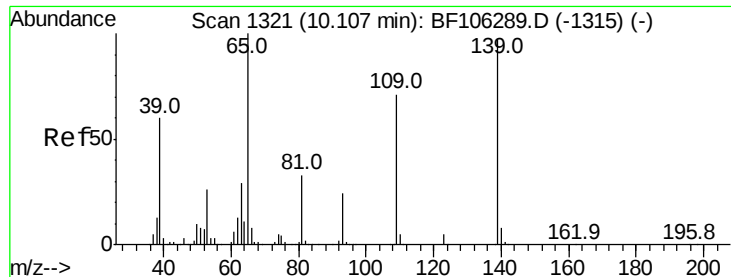
Sohil
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#54
Dibenzofuran
Concen: 42.672 ng
RT: 10.22 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF106530.D
Acq: 18 Jun 2018 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.3	30.1	45.1	
169	14.8	10.9	16.3	





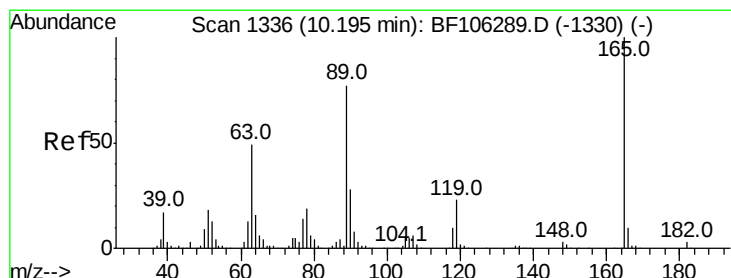
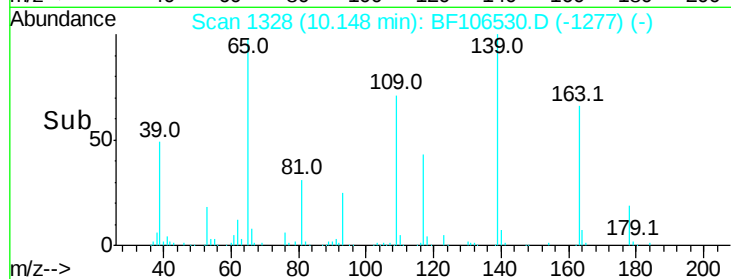
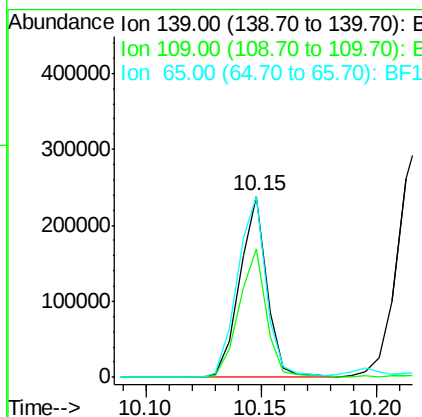
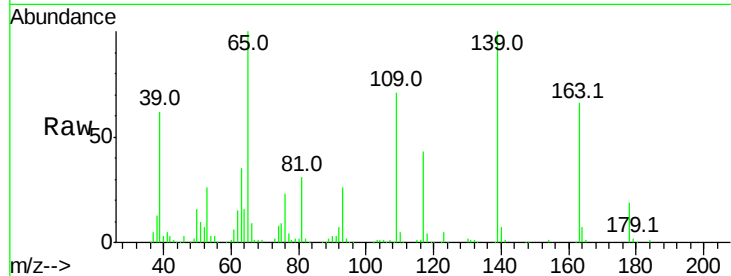
#55
4-Nitrophenol
Concen: 69.653 ng
RT: 10.15 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF106530.D
Acq: 18 Jun 2018 11:28

Instrument :
BNA_F
ClientSampleId :
PB110266BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	196666		
109	70.9	48.4	88.4	
65	99.9	72.6	112.6	

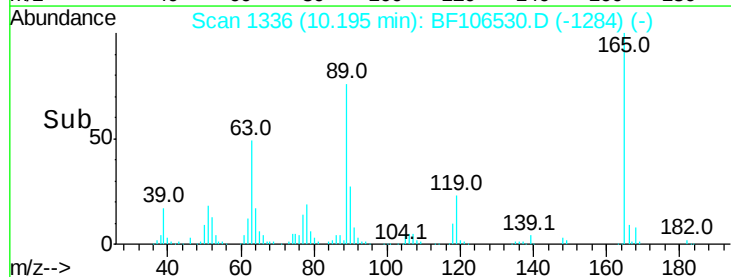
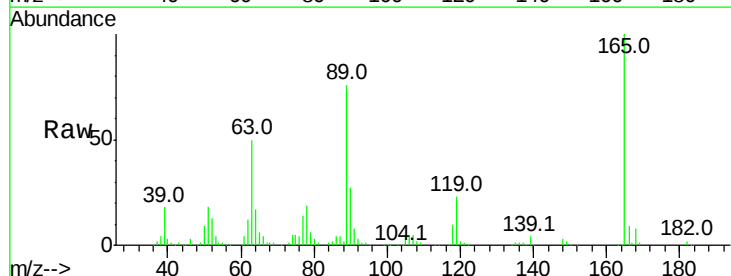
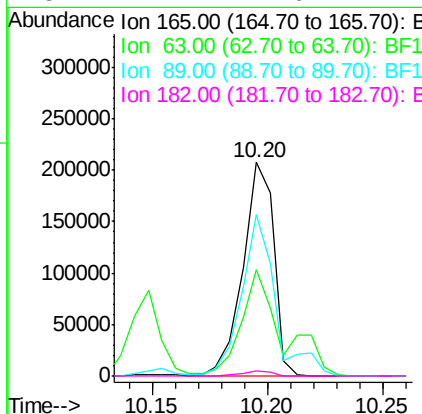
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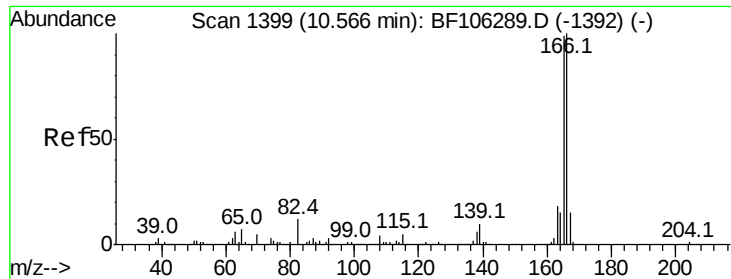
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#56
2,4-Dinitrotoluene
Concen: 49.827 ng
RT: 10.20 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF106530.D
Acq: 18 Jun 2018 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	194200		
63	49.7	36.4	54.6	
89	75.6	57.8	86.6	
182	2.4	1.6	2.4	





#57

Fluorene

Concen: 42.174 ng

RT: 10.56 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BF106530.D

Acq: 18 Jun 2018 11:28

Instrument :

BNA_F

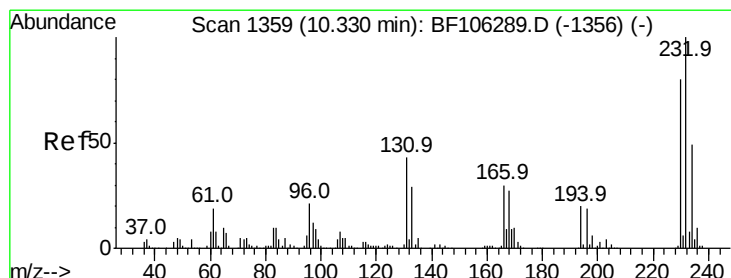
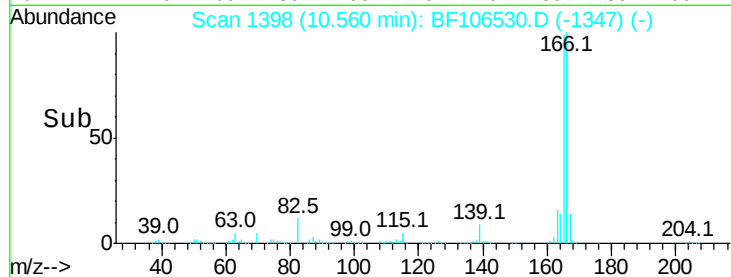
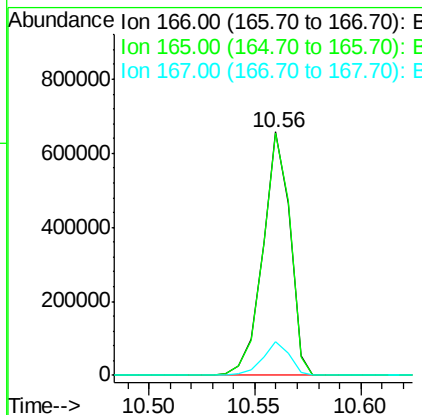
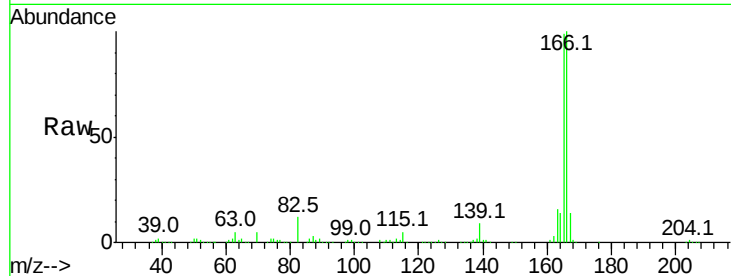
ClientSampleId :

PB110266BS

Tot Ion:	166	Resp:	586320
Ion Ratio	Lower	Upper	
166	100		
165	99.3	79.8	119.8
167	14.0	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 45.173 ng

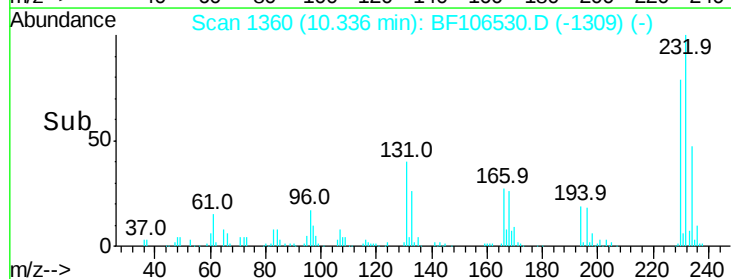
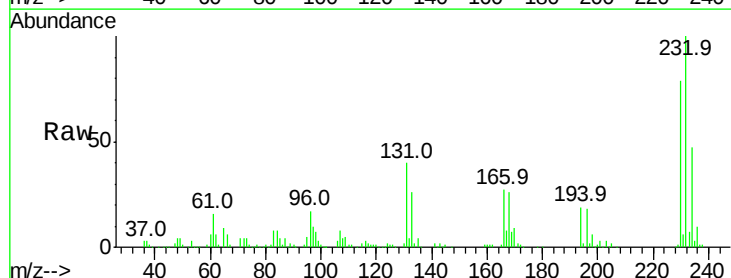
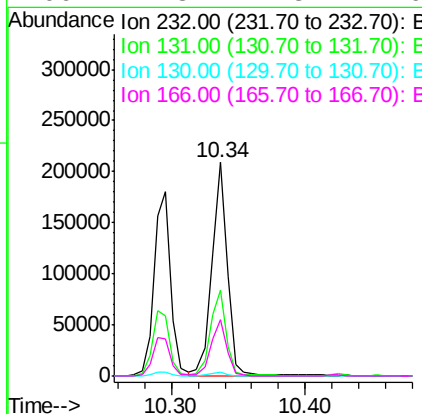
RT: 10.34 min Scan# 1360

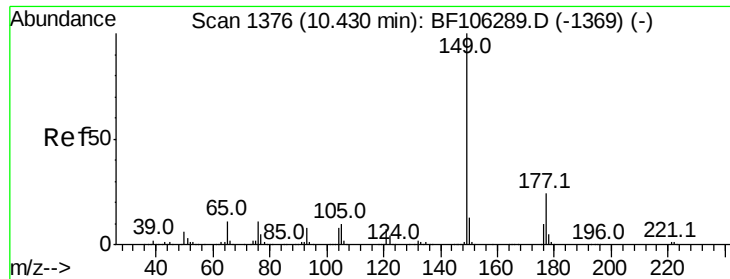
Delta R.T. 0.00 min

Lab File: BF106530.D

Acq: 18 Jun 2018 11:28

Tgt Ion:	232	Resp:	169818
Ion Ratio	Lower	Upper	
232	100		
131	41.0	43.8	65.8#
130	1.9	2.1	3.1#
166	27.3	27.8	41.6#





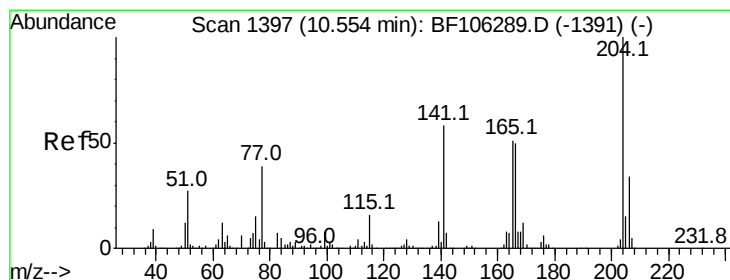
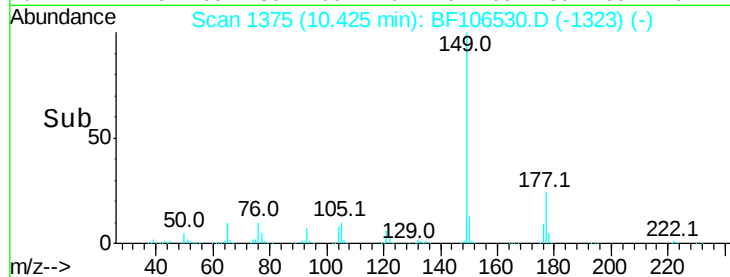
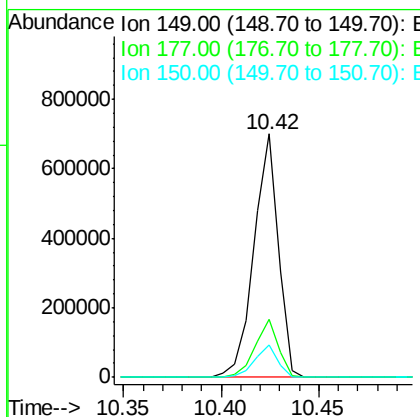
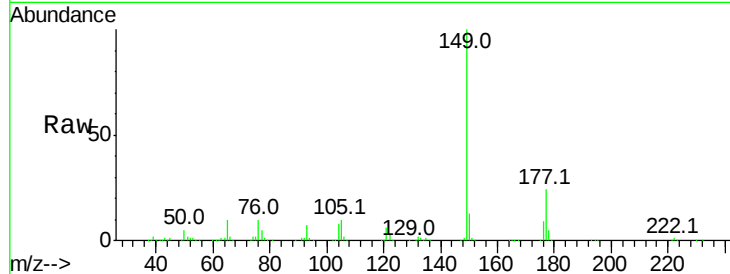
#59
Diethylphthalate
Concen: 40.326 ng
RT: 10.42 min Scan# 1375
Delta R.T. 0.01 min
Lab File: BF106530.D
Acq: 18 Jun 2018 11:28

Instrument :
BNA_F
ClientSampleId :
PB110266BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	608163		
177	23.6	16.1	24.1	
150	13.1	10.1	15.1	

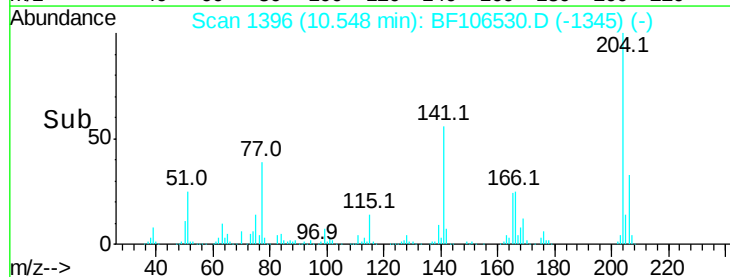
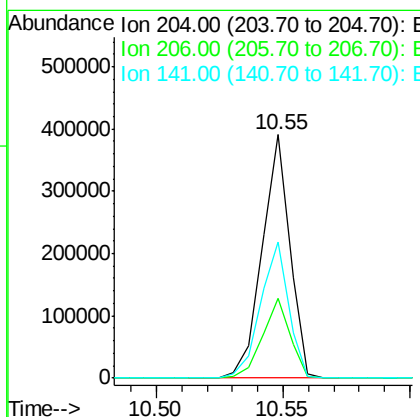
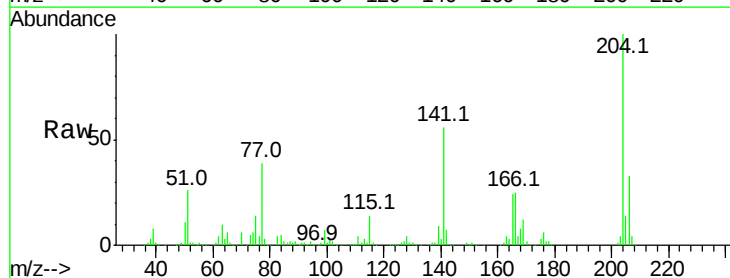
Manual Integrations
APPROVED

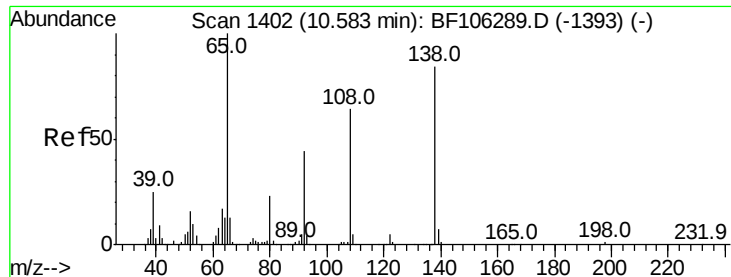
Sohil
6/19/2018 5:59:33 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.141 ng
RT: 10.55 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF106530.D
Acq: 18 Jun 2018 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	300829		
206	32.7	26.5	39.7	
141	55.6	54.6	81.8	





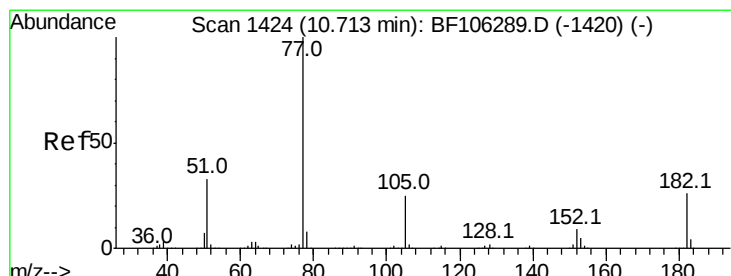
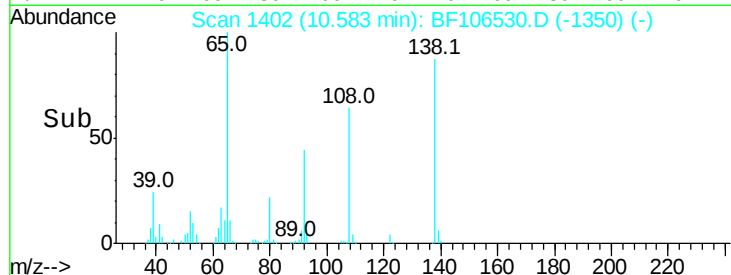
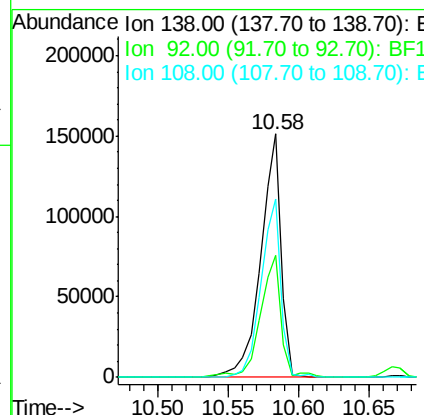
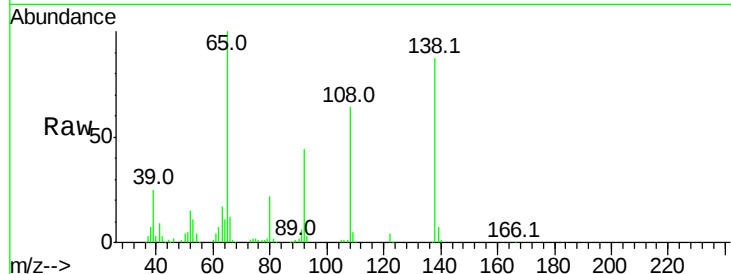
#61
4-Nitroaniline
Concen: 43.173 ng
RT: 10.58 min Scan# 1402
Delta R.T. 0.01 min
Lab File: BF106530.D
Acq: 18 Jun 2018 11:28

Instrument :
BNA_F
ClientSampleId :
PB110266BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.3	30.2	70.2
108	73.4	52.5	92.5

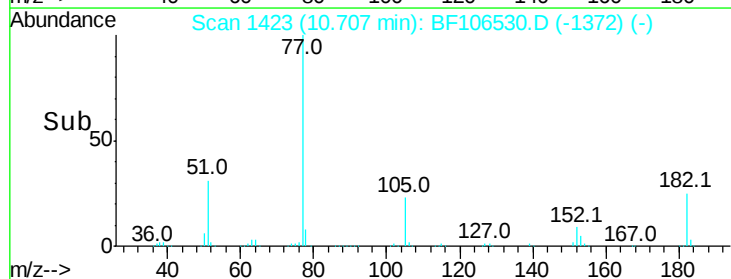
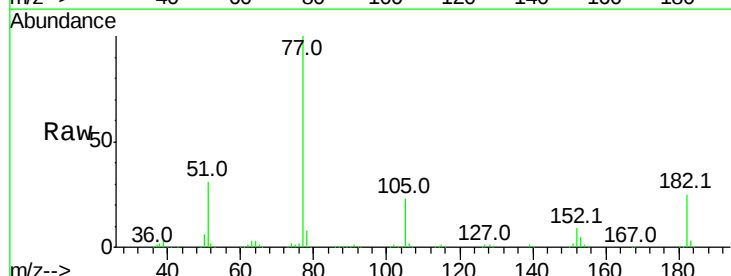
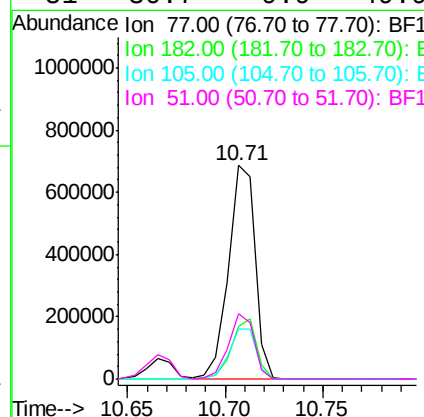
Manual Integrations
APPROVED

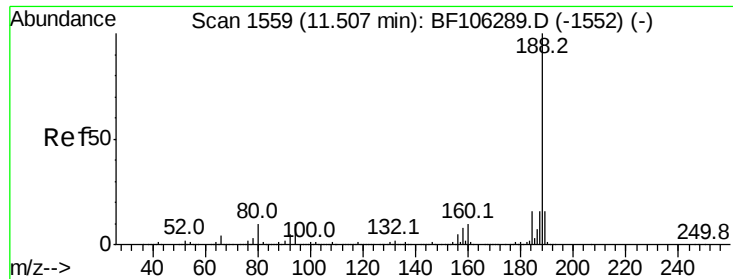
Sohil
6/19/2018 5:59:33 PM



#62
Azobenzene
Concen: 41.307 ng
RT: 10.71 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF106530.D
Acq: 18 Jun 2018 11:28

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.8	1.7	41.7
105	23.4	3.0	43.0
51	30.7	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BF106530.D

Acq: 18 Jun 2018 11:28

Instrument :

BNA_F

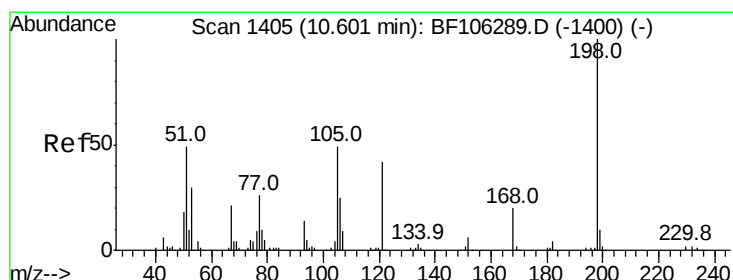
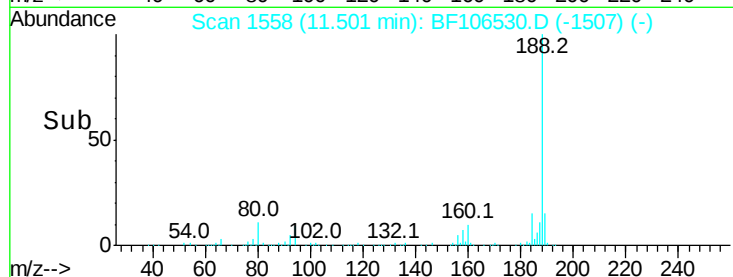
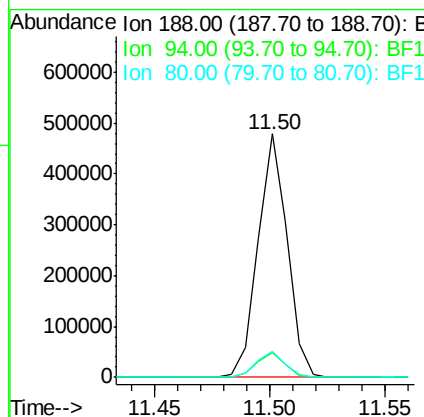
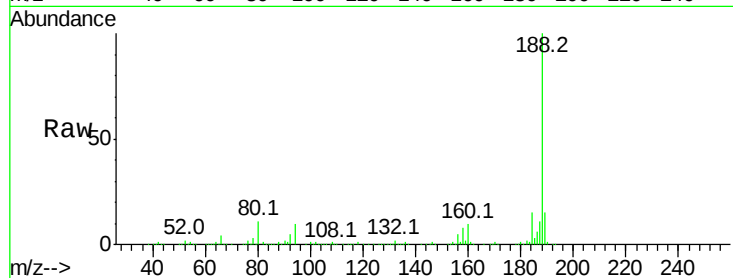
ClientSampleId :

PB110266BS

Tot Ion:	188	Resp:	422175
Ion Ratio	Lower	Upper	
188	100		
94	9.9	8.5	12.7
80	10.7	9.2	13.8

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 43.180 ng

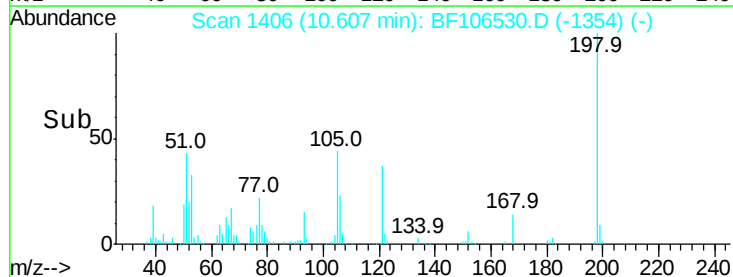
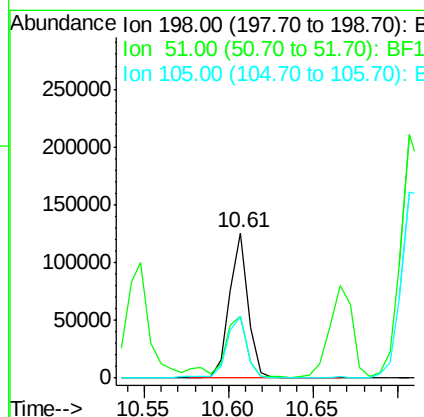
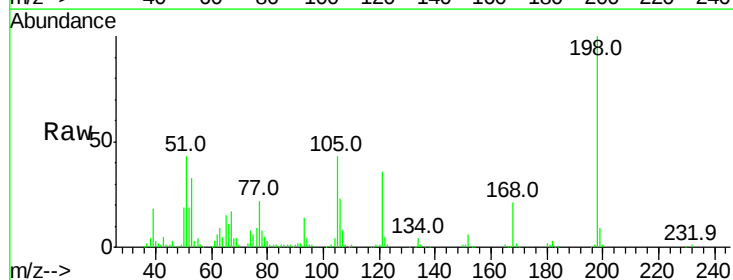
RT: 10.61 min Scan# 1406

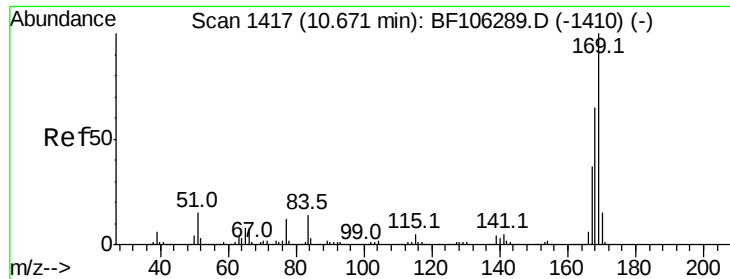
Delta R.T. 0.01 min

Lab File: BF106530.D

Acq: 18 Jun 2018 11:28

Tgt Ion:	198	Resp:	96682
Ion Ratio	Lower	Upper	
198	100		
51	42.7	37.7	77.7
105	42.9	36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 39.025 ng

RT: 10.67 min Scan# 1416

Delta R.T. 0.00 min

Lab File: BF106530.D

Acq: 18 Jun 2018 11:28

Instrument :

BNA_F

ClientSampleId :

PB110266BS

Tot Ion:169 Resp: 553716

Ion Ratio Lower Upper

169 100

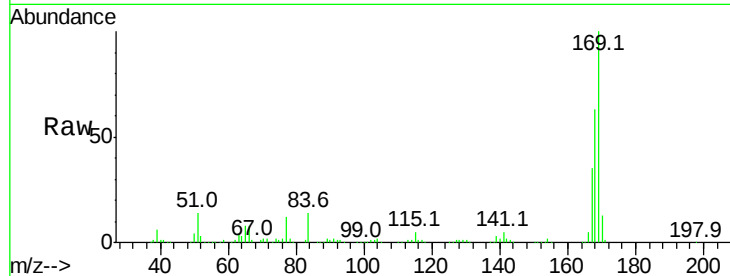
168 62.7 54.4 81.6

167 35.2 29.8 44.6

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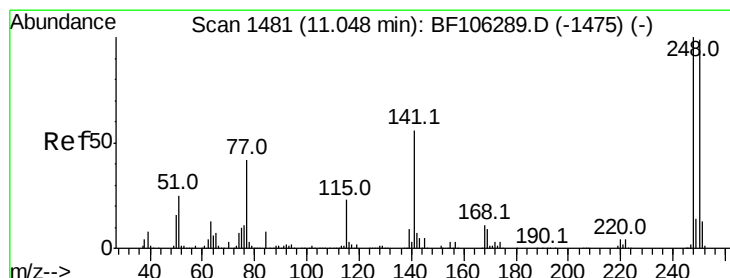
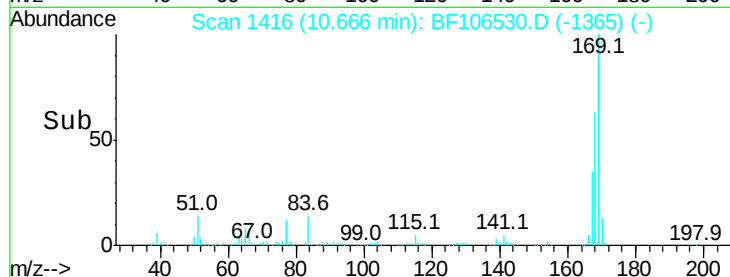
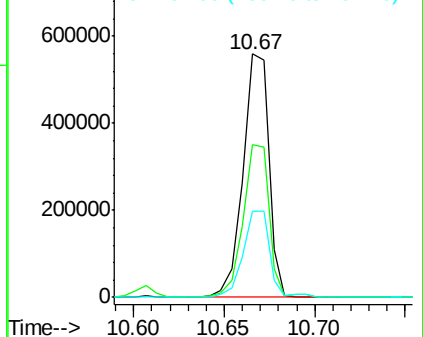
6/19/2018 5:59:33 PM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.840 ng

RT: 11.04 min Scan# 1480

Delta R.T. 0.01 min

Lab File: BF106530.D

Acq: 18 Jun 2018 11:28

Tgt Ion:248 Resp: 205705

Ion Ratio Lower Upper

248 100

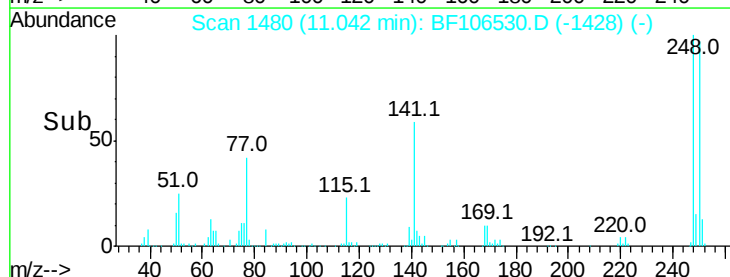
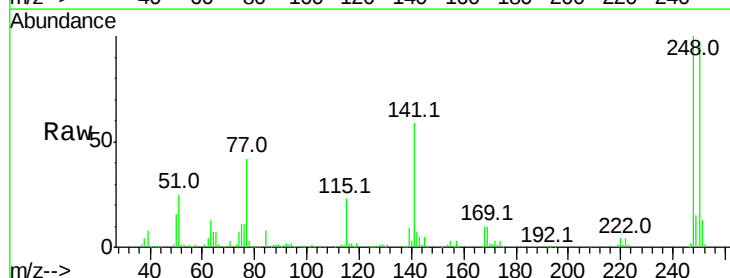
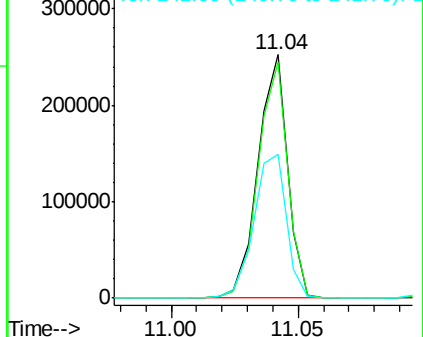
250 96.8 76.9 115.3

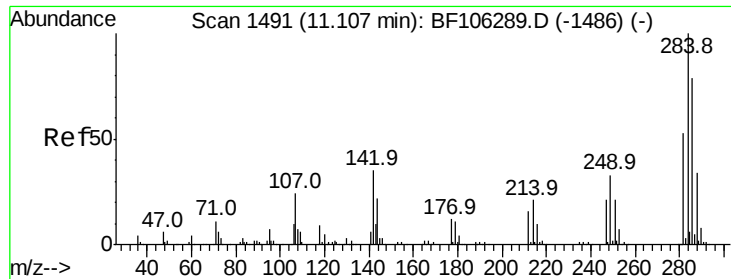
141 58.8 74.4 111.6#

Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





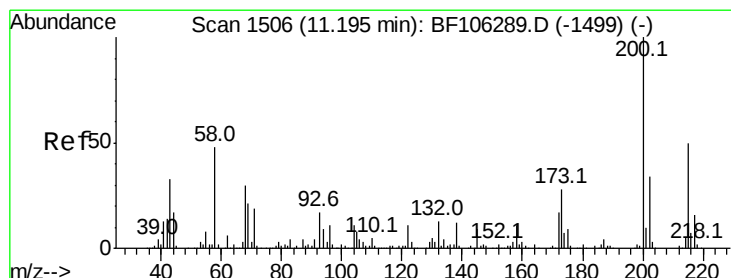
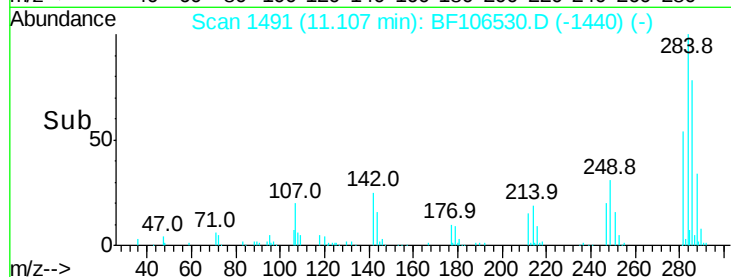
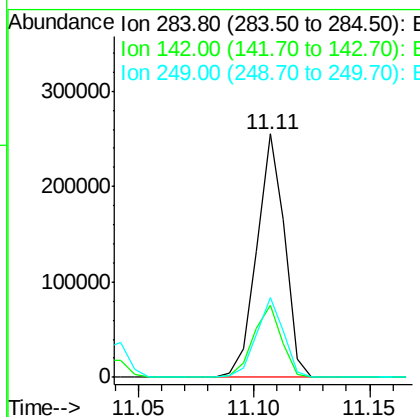
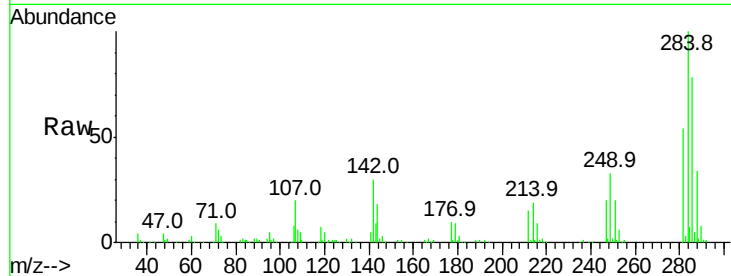
#67
Hexachlorobenzene
Concen: 43.454 ng
RT: 11.11 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BF106530.D
Acq: 18 Jun 2018 11:28

Instrument :
BNA_F
ClientSampleId :
PB110266BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	215116		
142	29.6	34.6	52.0	
249	32.6	24.8	37.2	

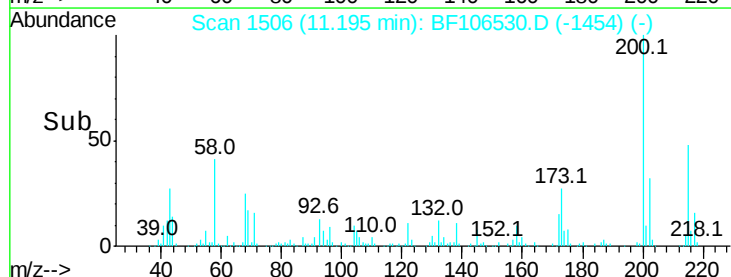
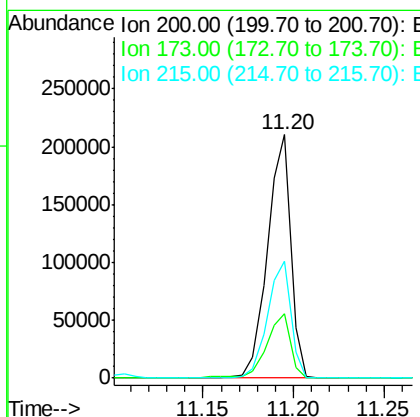
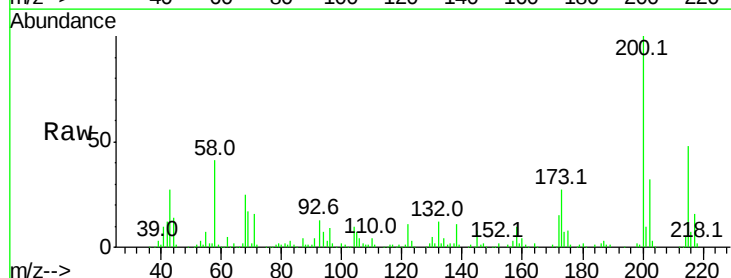
Manual Integrations
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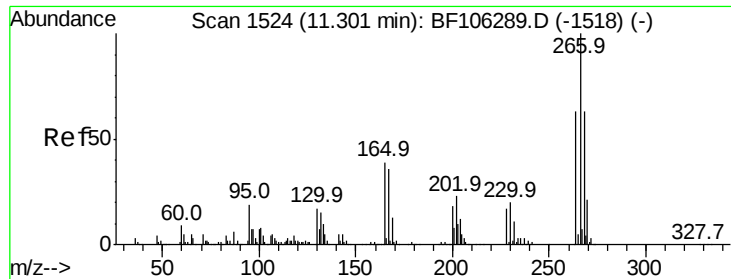
Sohil
6/19/2018 5:59:33 PM



#68
Atrazine
Concen: 42.839 ng
RT: 11.20 min Scan# 1506
Delta R.T. 0.01 min
Lab File: BF106530.D
Acq: 18 Jun 2018 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	187313		
173	26.6	8.6	48.6	
215	48.0	25.1	65.1	





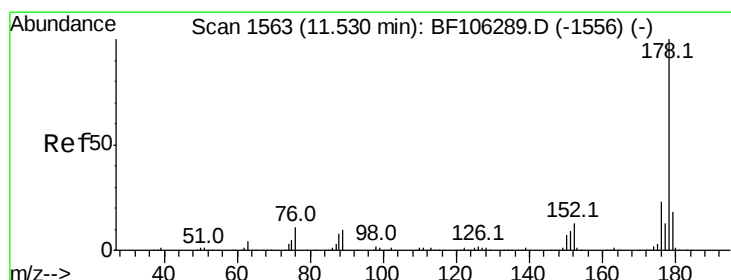
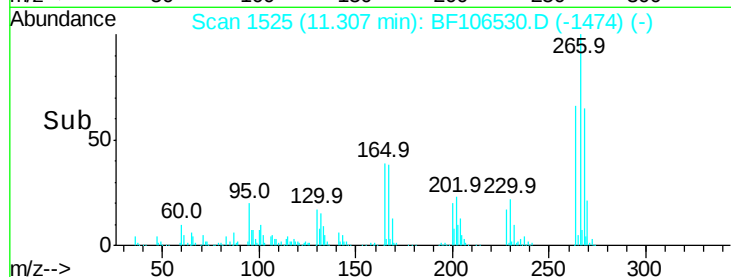
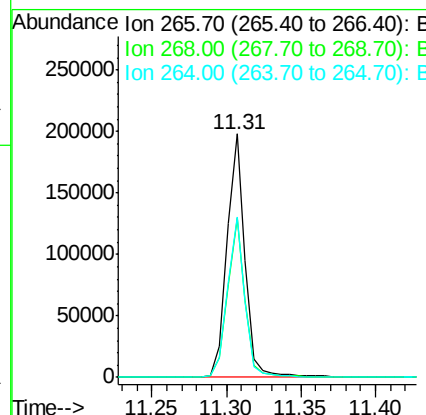
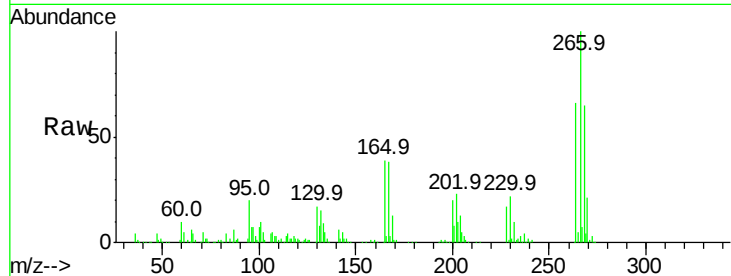
#69
 Pentachlorophenol
 Concen: 55.416 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. 0.00 min
 Lab File: BF106530.D
 Acq: 18 Jun 2018 11:28

Instrument :
 BNA_F
 ClientSampled :
 PB110266BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	168895		
268	65.3		51.1	76.7
264	66.1		49.5	74.3

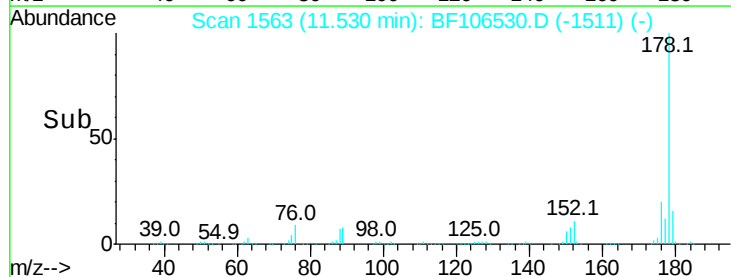
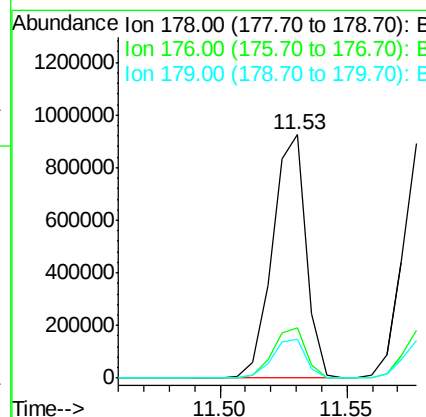
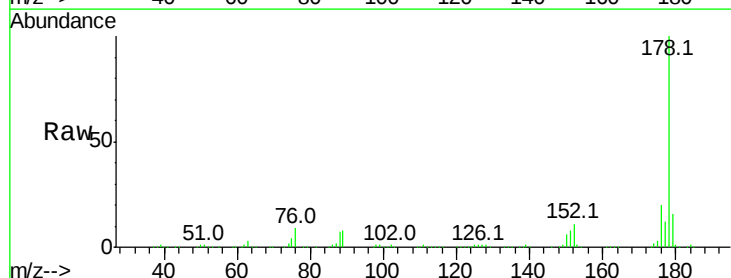
Manual Integrations
 APPROVED

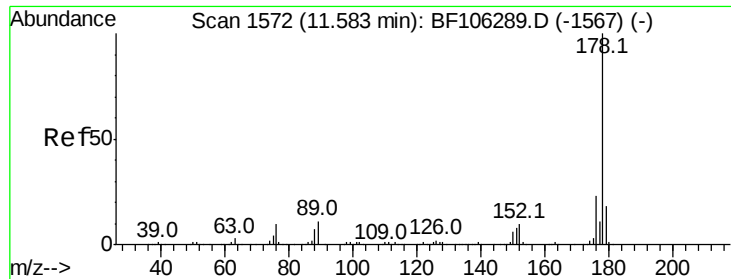
Sohil
 6/19/2018 5:59:33 PM



#70
 Phenanthrene
 Concen: 41.558 ng
 RT: 11.53 min Scan# 1563
 Delta R.T. 0.01 min
 Lab File: BF106530.D
 Acq: 18 Jun 2018 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	859242		
176	20.4		15.8	23.8
179	15.8		13.0	19.6





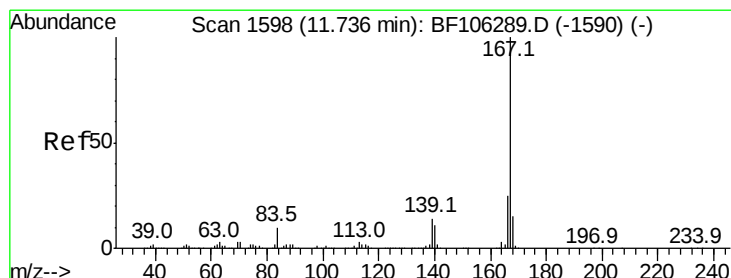
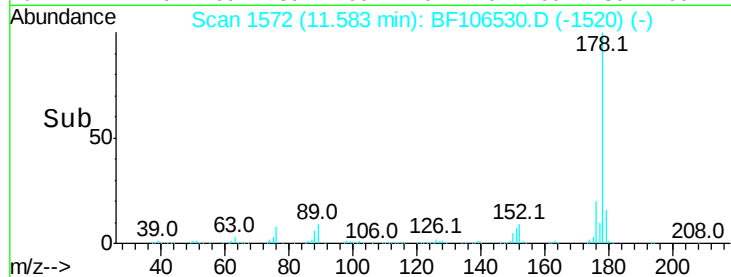
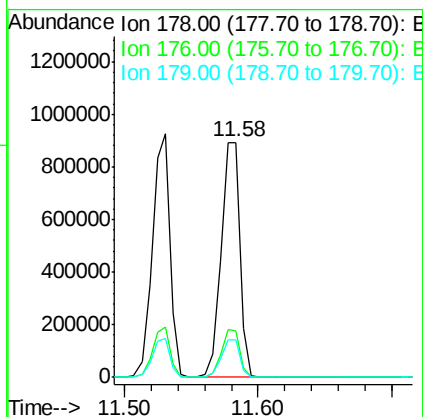
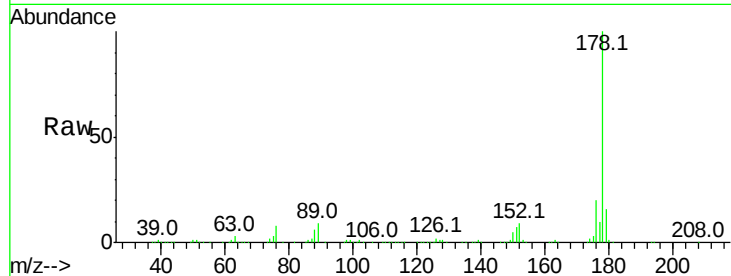
#71
 Anthracene
 Concen: 43.063 ng
 RT: 11.58 min Scan# 1572
 Delta R.T. 0.01 min
 Lab File: BF106530.D
 Acq: 18 Jun 2018 11:28

Instrument :
 BNA_F
 ClientSampleId :
 PB110266BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.4	23.2
179	16.0	12.6	19.0

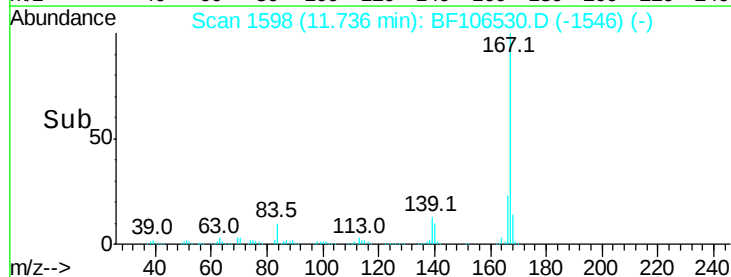
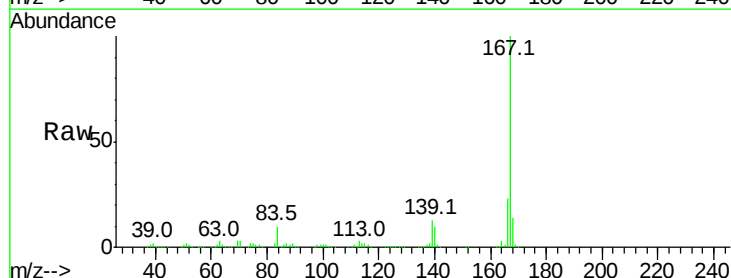
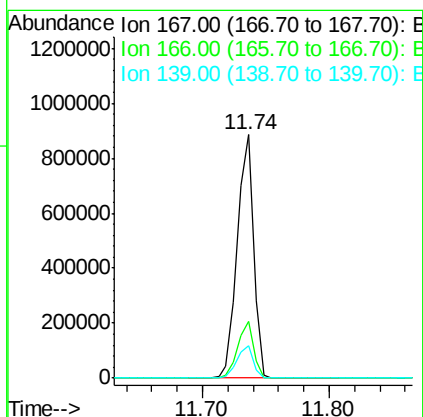
Manual Integrations
 APPROVED

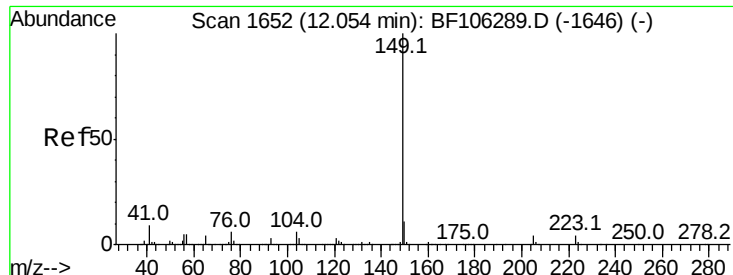
Sohil
 6/19/2018 5:59:33 PM



#72
 Carbazole
 Concen: 40.828 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. 0.01 min
 Lab File: BF106530.D
 Acq: 18 Jun 2018 11:28

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.0	17.6	26.4
139	13.5	10.9	16.3





#73

Di-n-butylphthalate

Concen: 44.480 ng

RT: 12.05 min Scan# 1651

Delta R.T. 0.00 min

Lab File: BF106530.D

Acq: 18 Jun 2018 11:28

Instrument :

BNA_F

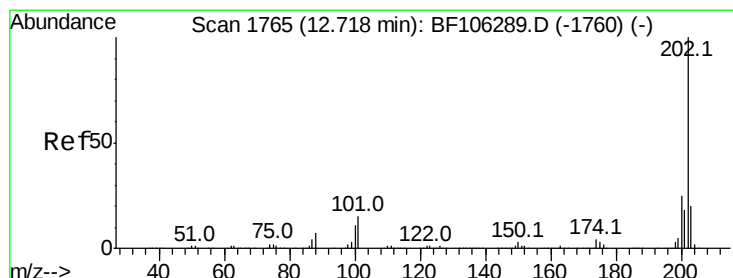
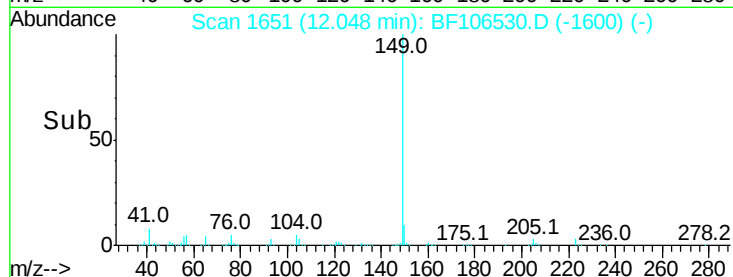
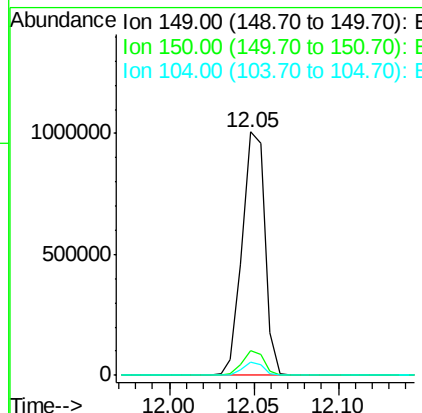
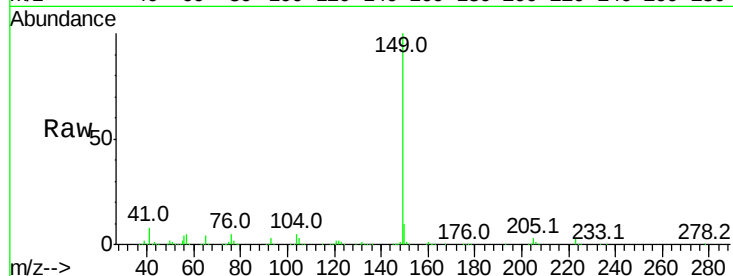
ClientSampleId :

PB110266BS

Tot Ion:	149	Resp:	946651
Ion Ratio	Lower	Upper	
149	100		
150	10.0	7.8	11.6
104	5.4	3.8	5.8

Manual Integrations
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6/19/2018 5:59:33 PM



#74

Fluoranthene

Concen: 42.906 ng

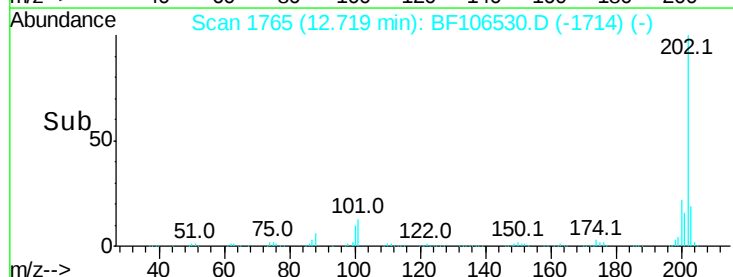
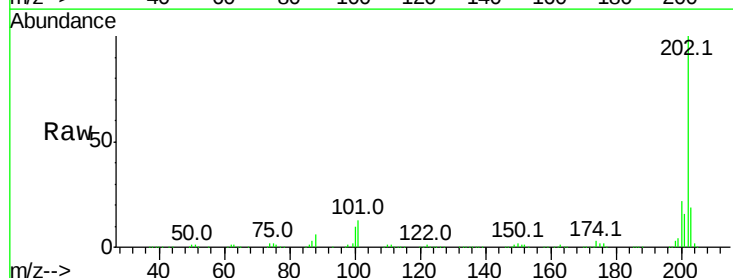
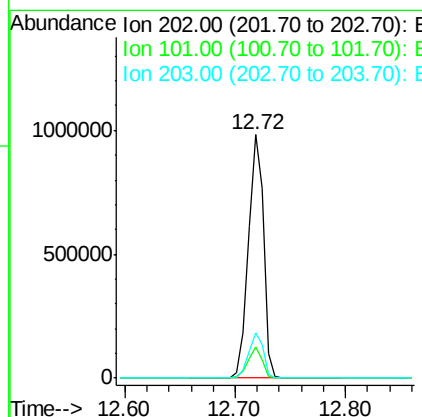
RT: 12.72 min Scan# 1765

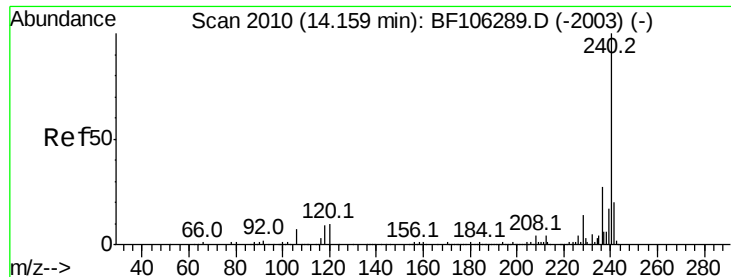
Delta R.T. 0.00 min

Lab File: BF106530.D

Acq: 18 Jun 2018 11:28

Tgt Ion:	202	Resp:	946059
Ion Ratio	Lower	Upper	
202	100		
101	12.8	0.0	34.1
203	18.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BF106530.D

Acq: 18 Jun 2018 11:28

Instrument :

BNA_F

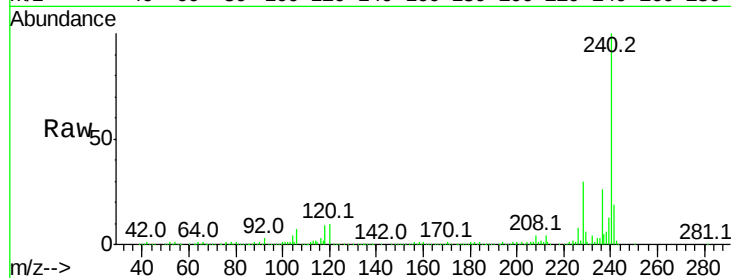
ClientSampleID :

PB110266BS

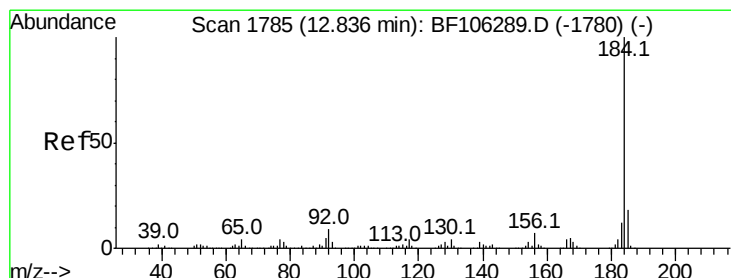
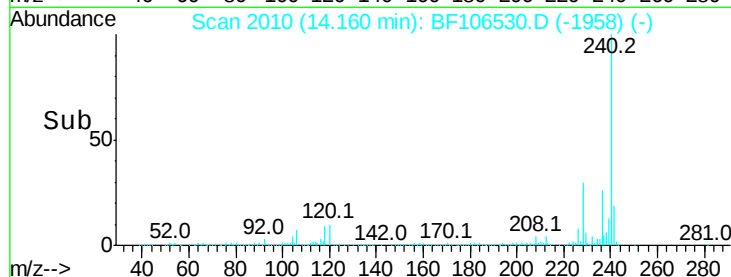
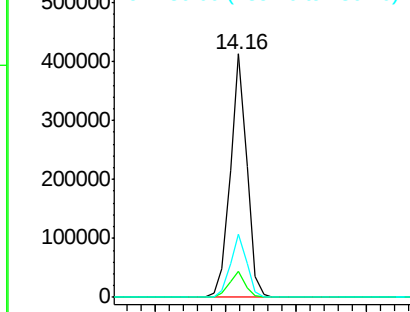
Tot Ion:	240	Resp:	335772
Ion Ratio	Lower	Upper	
240	100		
120	10.5	9.5	14.3
236	26.1	20.7	31.1

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



#76

Benzidine

Concen: 40.367 ng

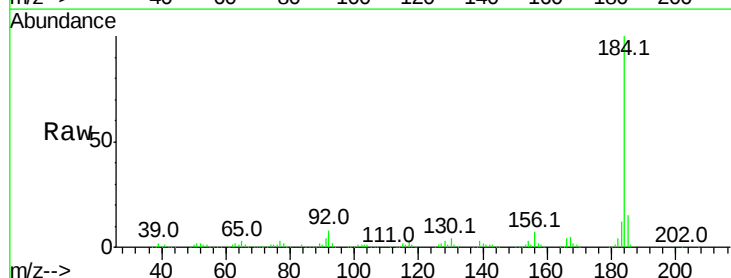
RT: 12.84 min Scan# 1785

Delta R.T. 0.00 min

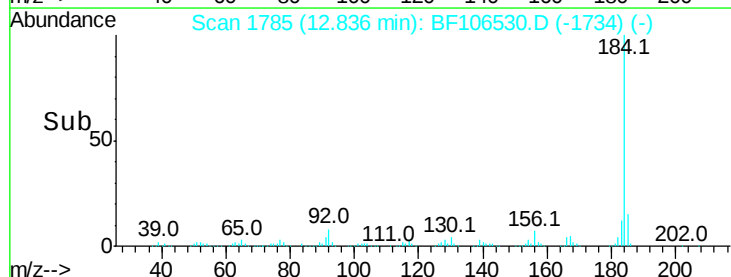
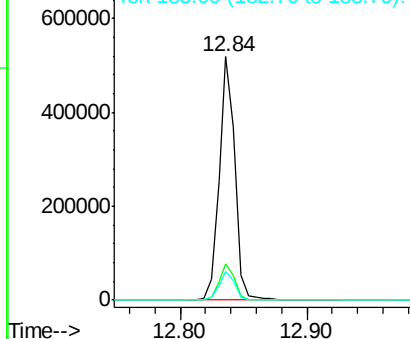
Lab File: BF106530.D

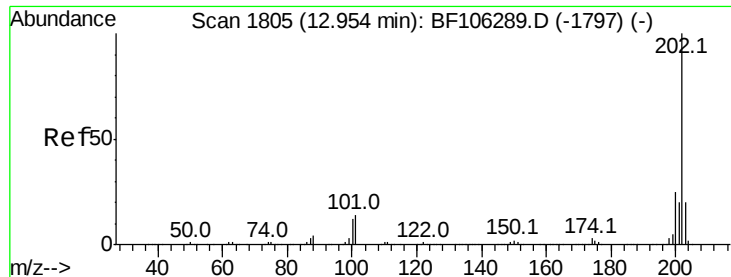
Acq: 18 Jun 2018 11:28

Tgt Ion:	184	Resp:	451097
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.6	18.8
183	11.7	9.3	13.9



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





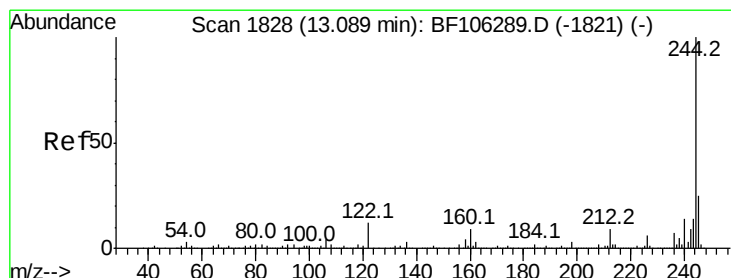
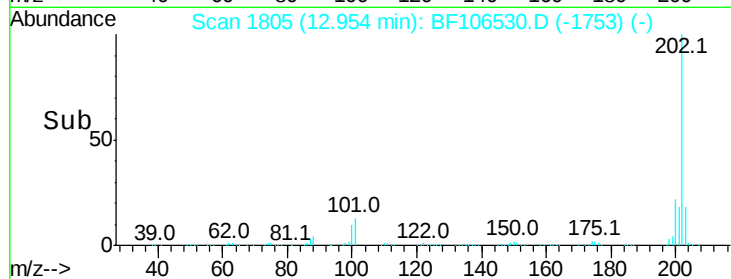
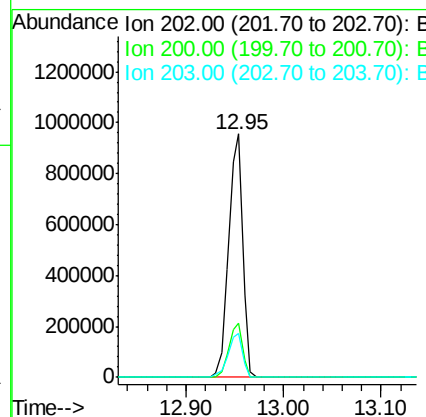
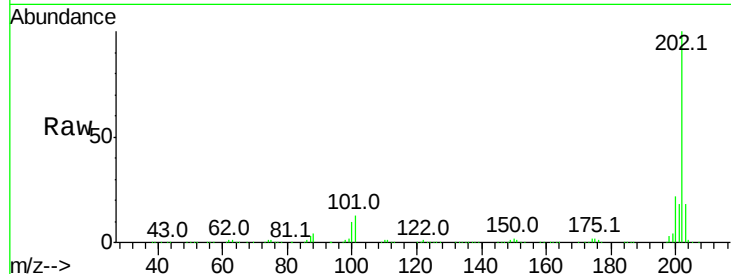
#77
Pvrene
Concen: 45.303 ng
RT: 12.95 min Scan# 1805
Delta R.T. 0.01 min
Lab File: BF106530.D
Acq: 18 Jun 2018 11:28

Instrument :
BNA_F
ClientSampleId :
PB110266BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	22.4	17.4	26.2	
203	18.2	14.3	21.5	

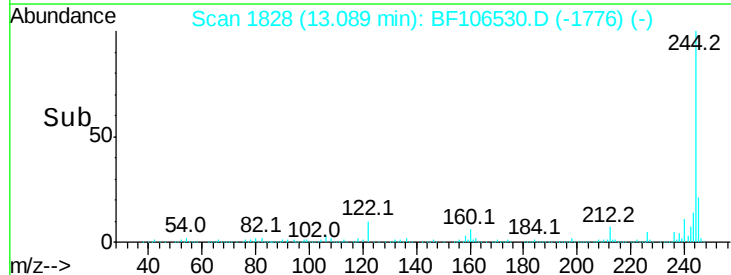
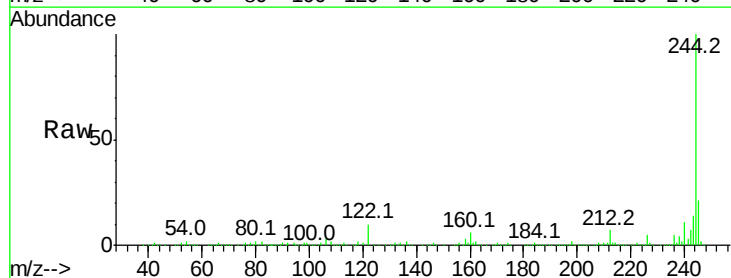
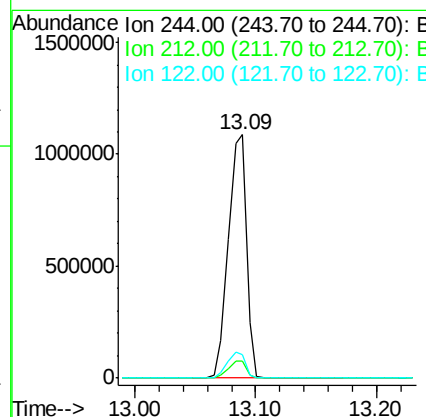
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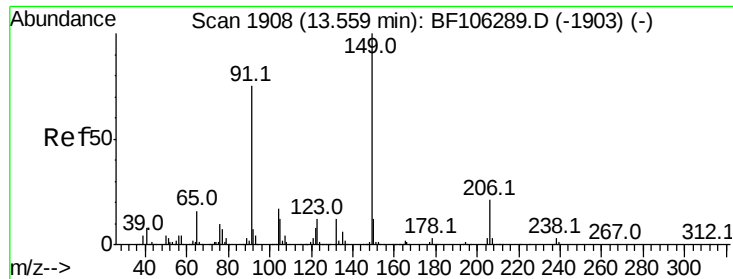
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#78
Terphenyl-d14
Concen: 83.885 ng
RT: 13.09 min Scan# 1828
Delta R.T. 0.01 min
Lab File: BF106530.D
Acq: 18 Jun 2018 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.2	5.4	8.0	
122	9.5	11.0	16.4	





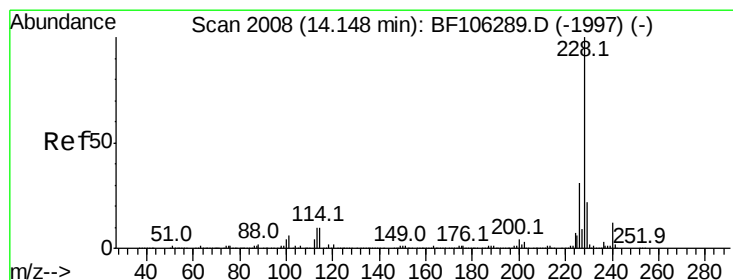
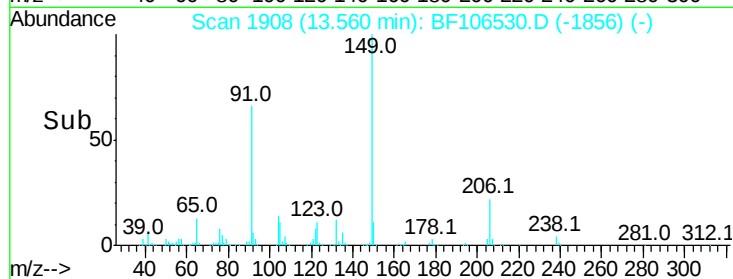
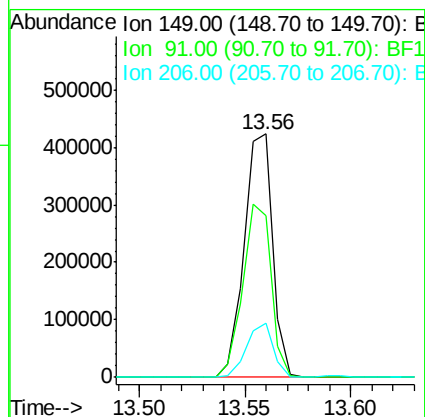
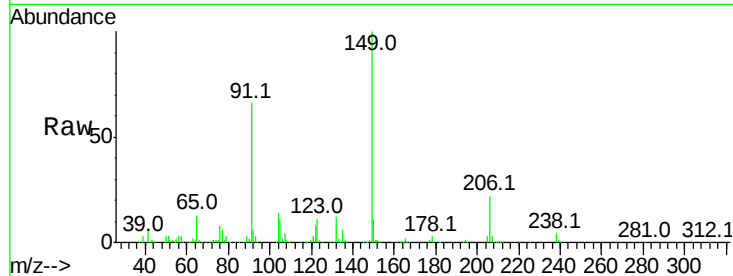
#79
 Butylbenzylphthalate
 Concen: 50.341 ng
 RT: 13.56 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: BF106530.D
 Acq: 18 Jun 2018 11:28

Instrument :
 BNA_F
 ClientSampleId :
 PB110266BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	396126		
91	66.4	56.8	85.2	
206	22.1	14.1	21.1	

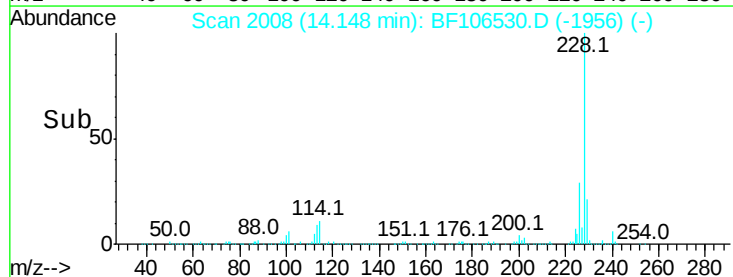
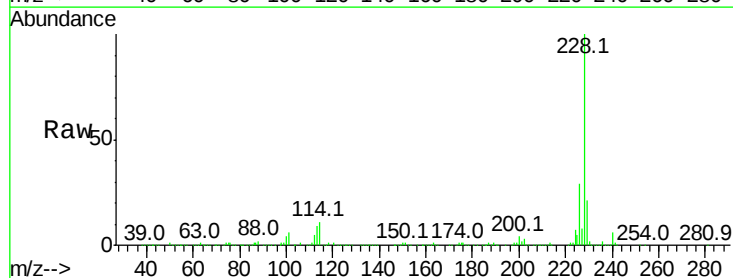
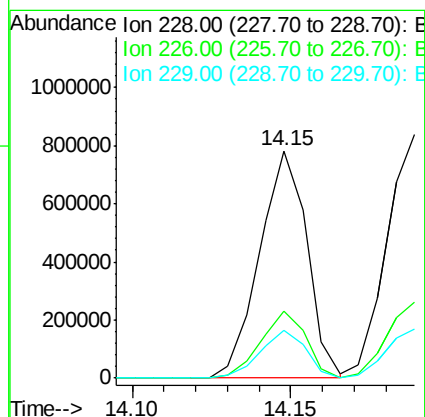
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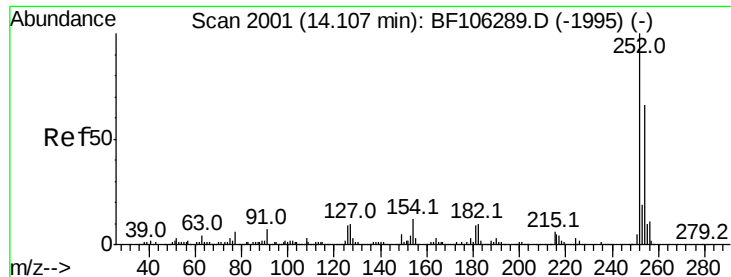
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#80
 Benzo(a)anthracene
 Concen: 40.633 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. 0.01 min
 Lab File: BF106530.D
 Acq: 18 Jun 2018 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	811909		
226	29.5	22.6	33.8	
229	21.0	15.8	23.6	





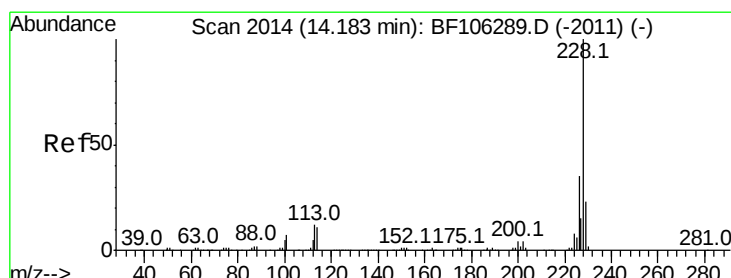
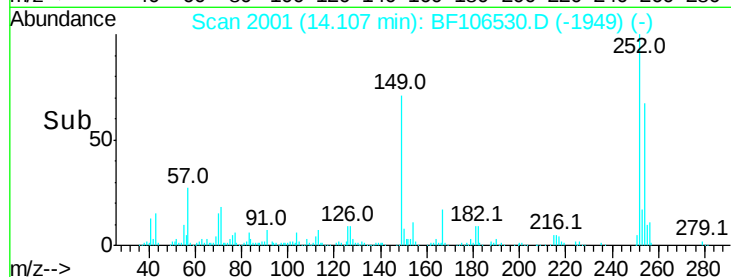
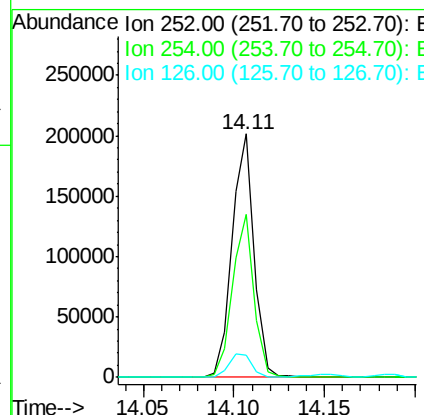
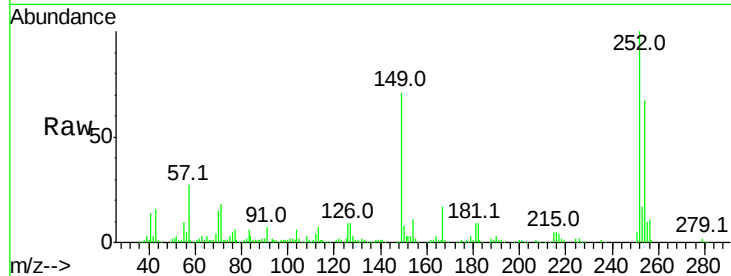
#81
 3,3'-Dichlorobenzidine
 Concen: 25.155 ng
 RT: 14.11 min Scan# 2001
 Delta R.T. 0.01 min
 Lab File: BF106530.D
 Acq: 18 Jun 2018 11:28

Instrument :
 BNA_F
 ClientSampleId :
 PB110266BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	169589		
254	67.0		50.4	75.6
126	9.3		11.3	16.9#

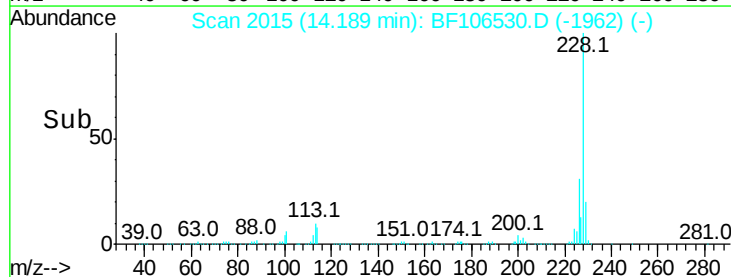
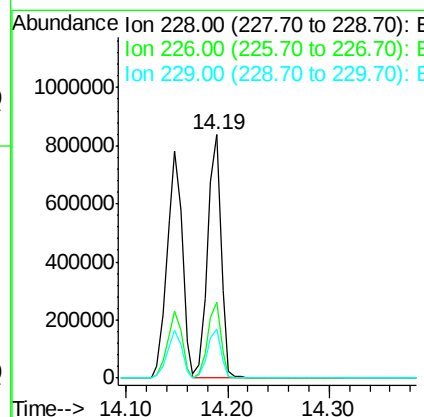
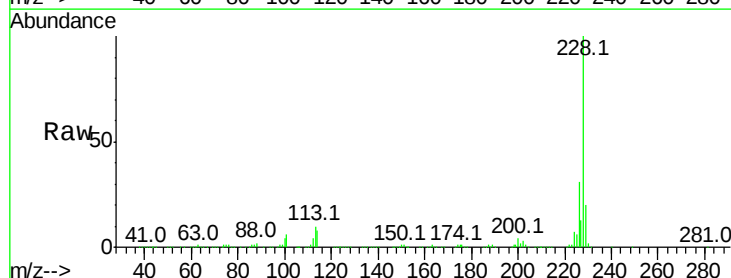
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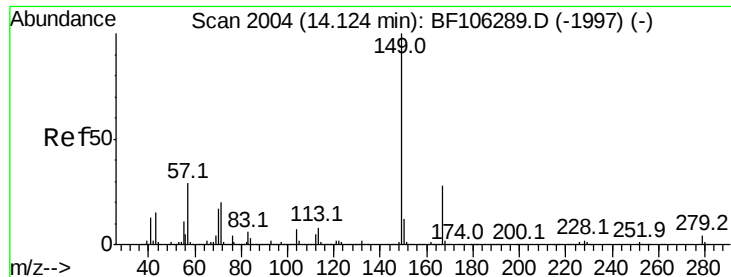
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#82
 Chrysene
 Concen: 42.195 ng
 RT: 14.19 min Scan# 2015
 Delta R.T. 0.01 min
 Lab File: BF106530.D
 Acq: 18 Jun 2018 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	769772		
226	31.4		25.0	37.6
229	20.2		16.2	24.4





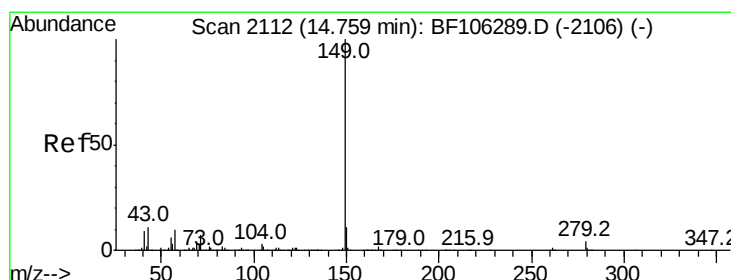
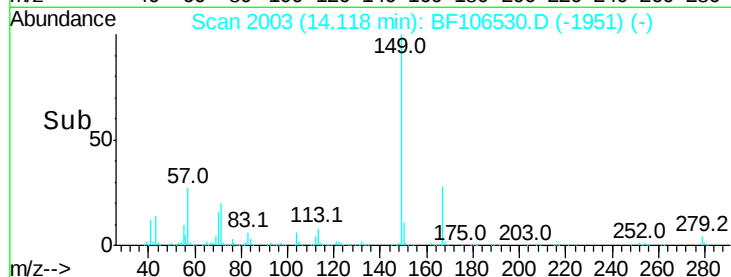
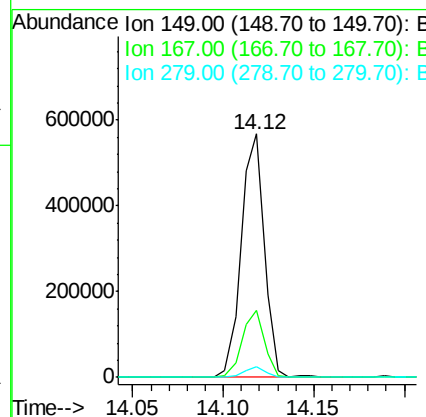
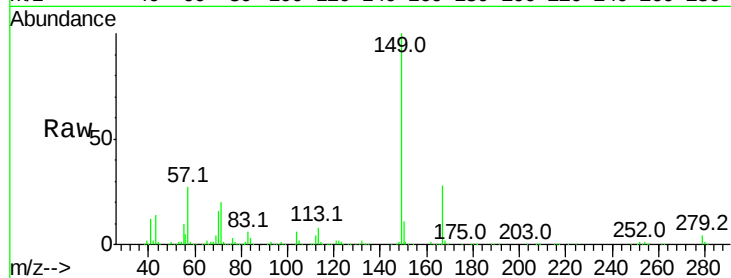
#83
Bis(2-ethylhexyl)phthalate
Concen: 44.587 ng
RT: 14.12 min Scan# 2003
Delta R.T. 0.01 min
Lab File: BF106530.D
Acq: 18 Jun 2018 11:28

Instrument :
BNA_F
ClientSampleId :
PB110266BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	503047		
167	27.6		21.3	31.9
279	4.4		3.0	4.4

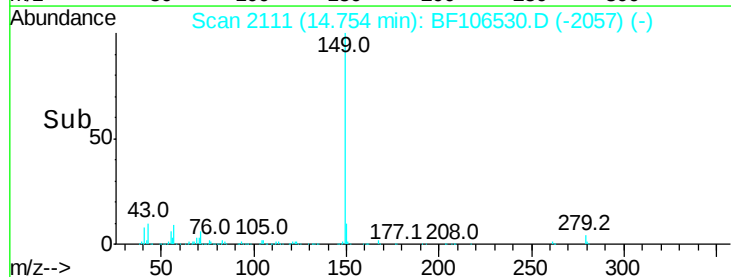
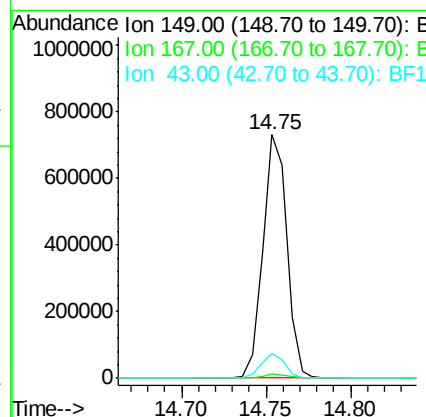
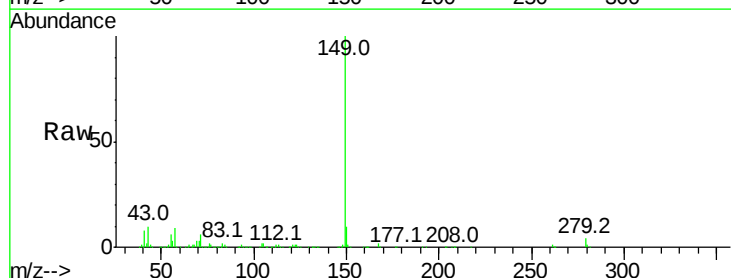
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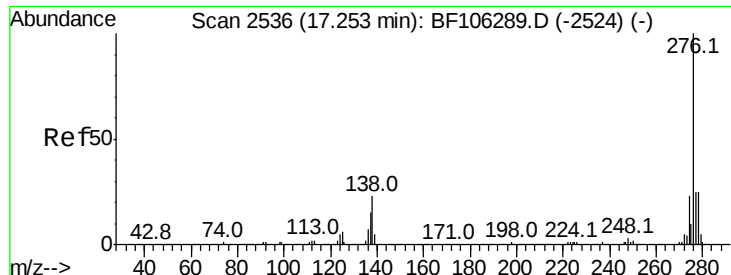
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#84
Di-n-octyl phthalate
Concen: 44.360 ng
RT: 14.75 min Scan# 2111
Delta R.T. 0.02 min
Lab File: BF106530.D
Acq: 18 Jun 2018 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	721536		
167	1.6		1.2	1.8
43	9.8		8.4	12.6





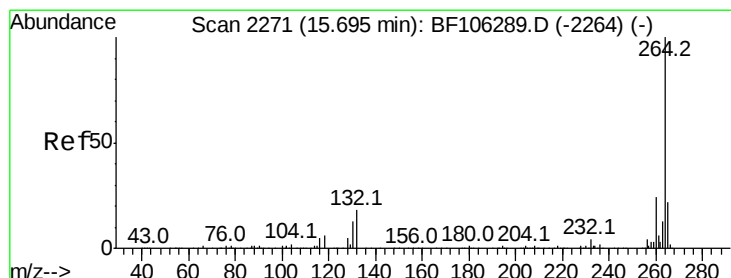
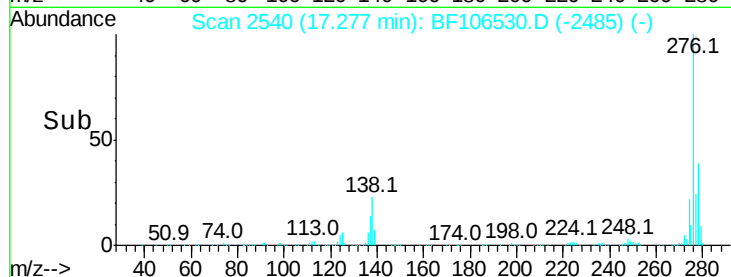
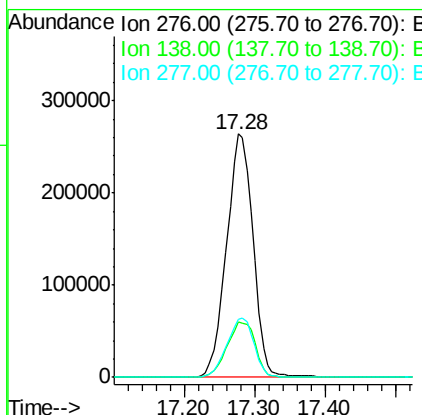
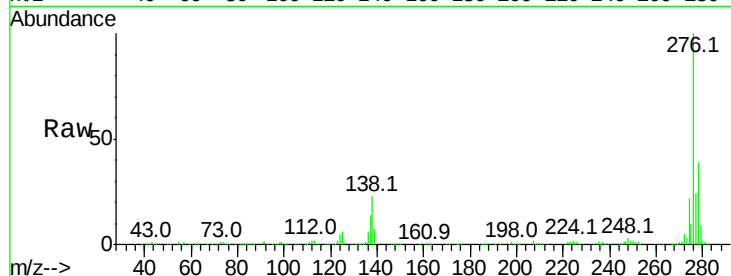
#85
Indeno(1,2,3-cd)pyrene
Concen: 47.477 ng
RT: 17.28 min Scan# 2540
Delta R.T. 0.02 min
Lab File: BF106530.D
Acq: 18 Jun 2018 11:28

Instrument :
BNA_F
ClientSampleId :
PB110266BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.2	25.0	37.6#
277	24.8	20.1	30.1

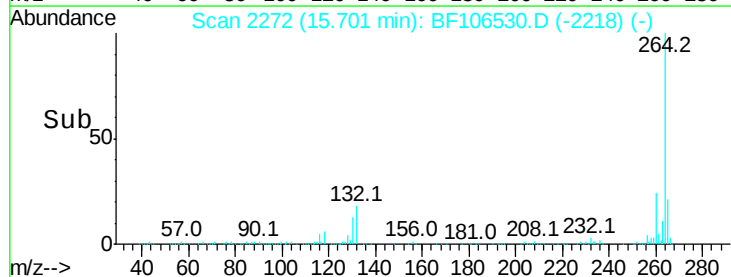
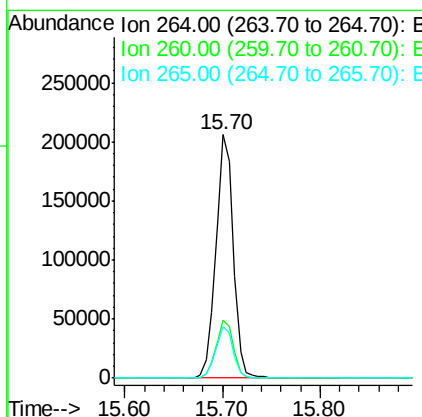
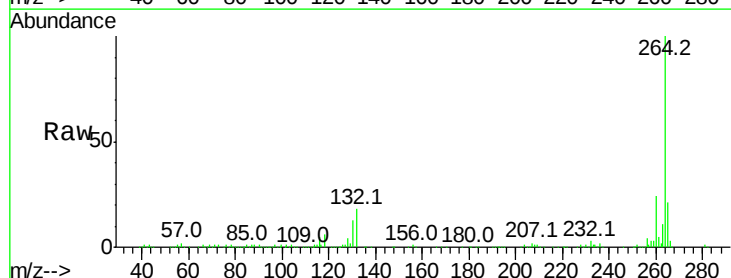
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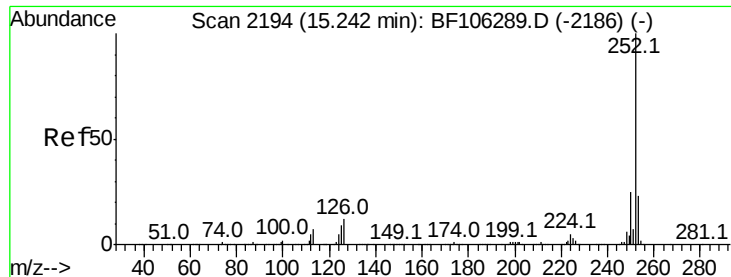
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2272
Delta R.T. 0.02 min
Lab File: BF106530.D
Acq: 18 Jun 2018 11:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.4	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 39.303 ng

RT: 15.25 min Scan# 2195

Delta R.T. 0.02 min

Lab File: BF106530.D

Acq: 18 Jun 2018 11:28

Instrument :

BNA_F

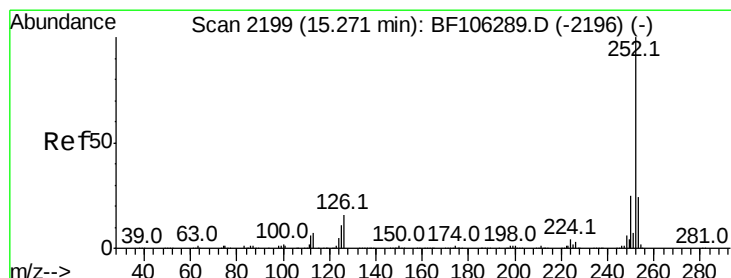
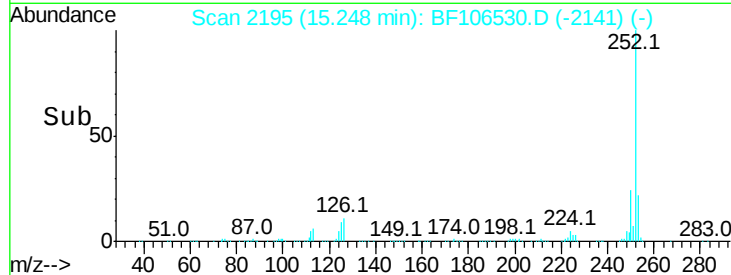
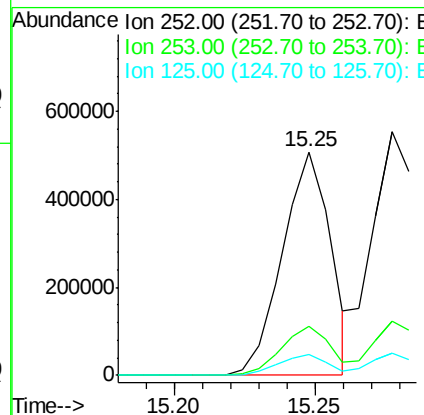
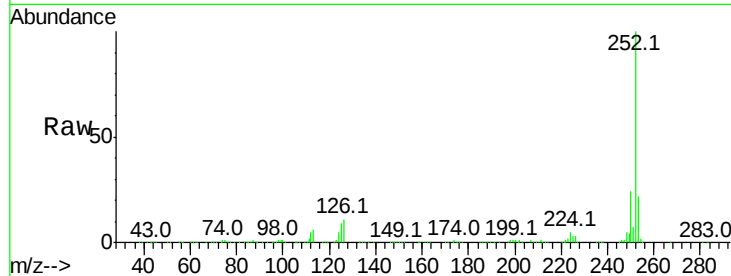
ClientSampleId :

PB110266BS

Tot Ion:	252	Resp:	603732
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.0	25.6
125	9.1	9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 40.509 ng

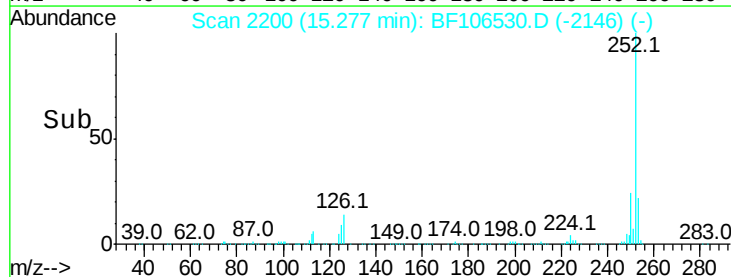
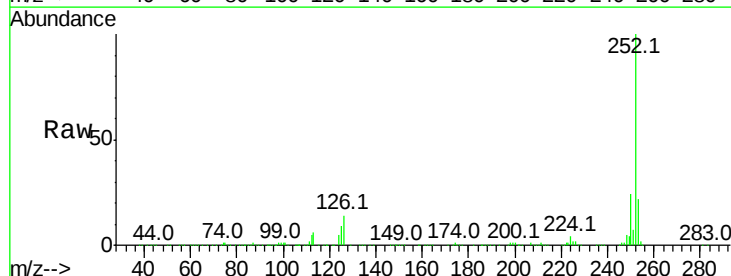
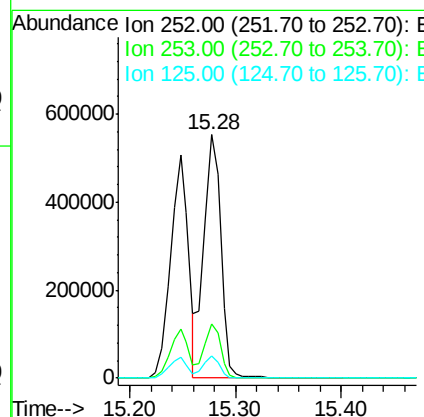
RT: 15.28 min Scan# 2200

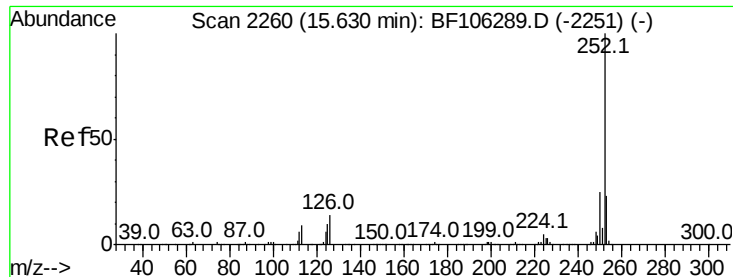
Delta R.T. 0.02 min

Lab File: BF106530.D

Acq: 18 Jun 2018 11:28

Tgt Ion:	252	Resp:	616264
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.9	26.9
125	9.0	10.2	15.2#





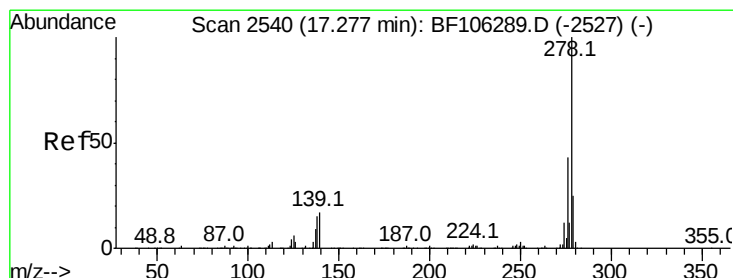
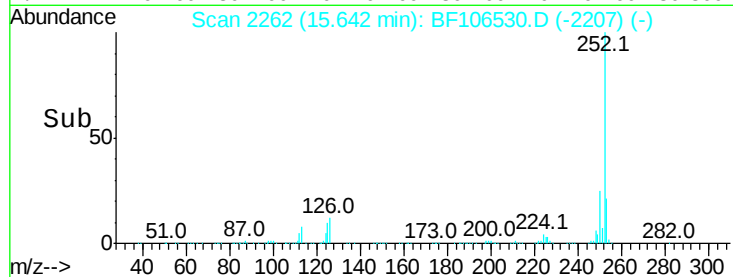
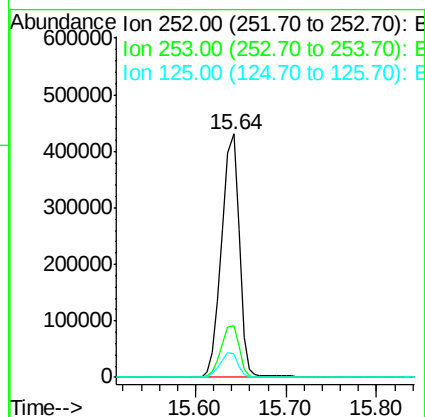
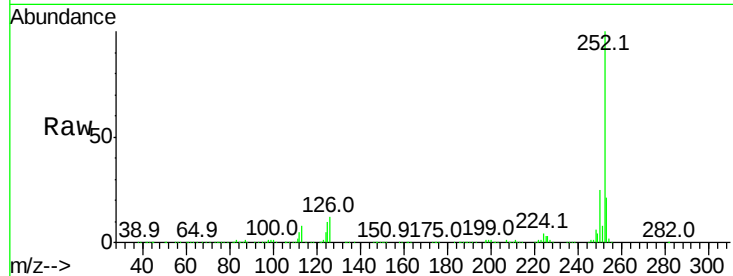
#89
Benzo(a)pyrene
Concen: 42.321 ng
RT: 15.64 min Scan# 2262
Delta R.T. 0.02 min
Lab File: BF106530.D
Acq: 18 Jun 2018 11:28

Instrument :
BNA_F
ClientSampleId :
PB110266BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.1	25.7
125	9.8	9.8	14.6

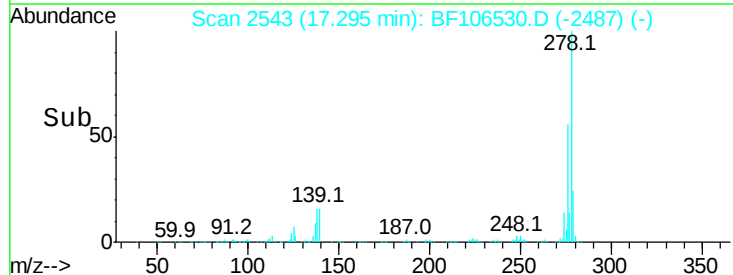
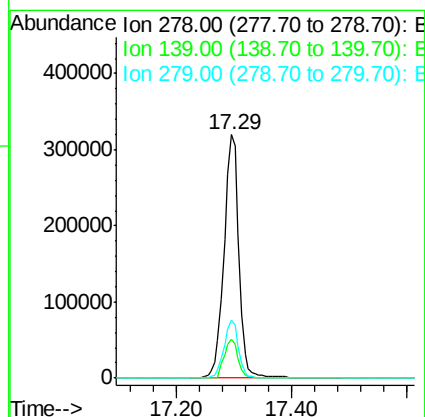
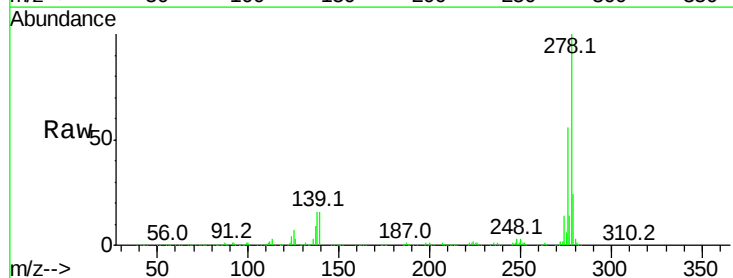
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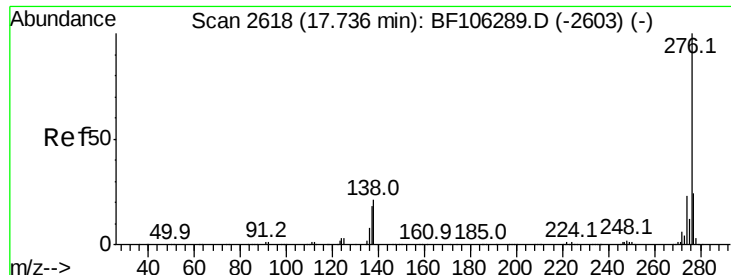
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#90
Dibenzo(a,h)anthracene
Concen: 49.851 ng
RT: 17.29 min Scan# 2543
Delta R.T. 0.03 min
Lab File: BF106530.D
Acq: 18 Jun 2018 11:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.0	15.9	23.9
279	23.8	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 53.545 ng
 RT: 17.76 min Scan# 2622
 Delta R.T. 0.03 min
 Lab File: BF106530.D
 Acq: 18 Jun 2018 11:28

Instrument :
 BNA_F
 ClientSampleId :
 PB110266BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	17.9	26.9
138	20.7	21.8	32.8

Manual Integrations
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