

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
 Data File : BF106930.D
 Acq On : 28 Jun 2018 19:35
 Operator : JU/SJ
 Sample : PB110673BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110673BS

Manual Integrations
 APPROVED

Sohil
 6/29/2018 2:30:42 PM

Quant Time: Jun 29 01:34:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	75203	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	280590	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	141551	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	264734	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	166609	20.00	ng	-0.02
86) Perylene-d12	15.68	264	178280	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	564507	127.11	ng	0.00
7) Phenol-d6	6.61	99	702426	126.65	ng	0.00
23) Nitrobenzene-d5	7.52	82	452413	89.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	235980	143.84	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	842314	104.02	ng	-0.01
78) Terphenyl-d14	13.07	244	844133	122.73	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	77368	33.885	ng	98
3) Pyridine	3.65	79	227044	36.665	ng	97
4) n-Nitrosodimethylamine	3.62	42	95913	36.468	ng	86
6) Aniline	6.62	93	254053	33.769	ng	96
8) 2-Chlorophenol	6.75	128	214504	44.036	ng	99
9) Benzaldehyde	6.51	77	124084	30.933	ng	95
10) Phenol	6.62	94	260390	41.139	ng	74
11) bis(2-Chloroethyl)ether	6.69	93	209823	40.155	ng	100
12) 1,3-Dichlorobenzene	6.90	146	251573	44.095	ng	98
13) 1,4-Dichlorobenzene	6.97	146	252473	43.772	ng	98
14) 1,2-Dichlorobenzene	7.12	146	235206	44.495	ng	98
15) Benzyl Alcohol	7.10	79	181884	40.842	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.22	45	291004	42.446	ng	77
17) 2-Methylphenol	7.21	107	184041	44.149	ng	# 92
18) Hexachloroethane	7.46	117	86778	42.782	ng	89
19) n-Nitroso-di-n-propylamine	7.37	70	142021	38.848	ng	93
20) 3+4-Methylphenols	7.37	107	218115	50.033	ng	# 69
22) Acetophenone	7.37	105	287458	45.792	ng	# 95
24) Nitrobenzene	7.54	77	230644	44.744	ng	98
25) Isophorone	7.78	82	415969	46.754	ng	99
26) 2-Nitrophenol	7.85	139	122305	50.260	ng	99
27) 2,4-Dimethylphenol	7.89	122	197370	52.475	ng	98
28) bis(2-Chloroethoxy)methane	7.98	93	264661	44.304	ng	99
29) 2,4-Dichlorophenol	8.10	162	197031	50.036	ng	93
30) 1,2,4-Trichlorobenzene	8.18	180	224126	51.667	ng	96
31) Naphthalene	8.26	128	624465	47.602	ng	100
32) Benzoic acid	8.02	122	84601	32.962	ng	97
33) 4-Chloroaniline	8.31	127	113890	20.691	ng	98
34) Hexachlorobutadiene	8.37	225	143748	50.856	ng	99
35) Caprolactam	8.69	113	57979	45.169	ng	95
36) 4-Chloro-3-methylphenol	8.80	107	200314	48.330	ng	98
37) 2-Methylnaphthalene	8.95	142	456479	52.498	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	243873	51.159	ng	# 96
40) Hexachlorocyclopentadiene	9.10	237	182150	74.268	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	140569	44.362	nq	93
43) 2,4,5-Trichlorophenol	9.28	196	141099m	42.674	nq	
45) 1,1'-Biphenyl	9.41	154	548016	48.579	nq	98
46) 2-Chloronaphthalene	9.44	162	406296	45.756	nq	97
47) 2-Nitroaniline	9.54	65	120254	40.273	nq	95
48) Acenaphthylene	9.86	152	635765	45.349	nq	99
49) Dimethylphthalate	9.71	163	466257	43.918	nq	98
50) 2,6-Dinitrotoluene	9.78	165	106822	47.517	nq	88
51) Acenaphthene	10.03	154	383416	43.431	nq	97
52) 3-Nitroaniline	9.95	138	64527	24.943	nq	97
53) 2,4-Dinitrophenol	10.07	184	91611	78.486	nq #	14
54) Dibenzofuran	10.21	168	586920	48.552	nq	95
55) 4-Nitrophenol	10.14	139	102640	56.842	nq	98
56) 2,4-Dinitrotoluene	10.19	165	140106	47.746	nq	89
57) Fluorene	10.55	166	452234	47.144	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	129188	49.152	nq #	76
59) Diethylphthalate	10.41	149	423555	41.336	nq #	93
60) 4-Chlorophenyl-phenylether	10.54	204	237251	47.270	nq #	82
61) 4-Nitroaniline	10.58	138	104724	40.790	nq	96
62) Azobenzene	10.70	77	410335	40.666	nq	93
64) 4,6-Dinitro-2-methylphenol	10.60	198	76448	46.716	nq	77
65) n-Nitrosodiphenylamine	10.65	169	391047	43.916	nq	99
66) 4-Bromophenyl-phenylether	11.02	248	163411	51.721	nq #	82
67) Hexachlorobenzene	11.10	284	169704	51.320	nq #	84
68) Atrazine	11.18	200	135275	47.788	nq	94
69) Pentachlorophenol	11.30	266	106909	64.794	nq	98
70) Phenanthrene	11.51	178	644132	50.446	nq	99
71) Anthracene	11.57	178	662543	50.836	nq	99
72) Carbazole	11.72	167	551453	45.193	nq	98
73) Di-n-butylphthalate	12.04	149	587445	40.865	nq	99
74) Fluoranthene	12.71	202	626037	44.483	nq	96
76) Benzidine	12.82	184	276553	58.283	nq	98
77) Pyrene	12.94	202	619098	56.350	nq	99
79) Butylbenzylphthalate	13.54	149	196031	43.397	nq #	91
80) Benzo(a)anthracene	14.13	228	491830	48.435	nq	100
81) 3,3'-Dichlorobenzidine	14.09	252	98276	27.537	nq #	96
82) Chrysene	14.17	228	463399m	49.604	nq	
83) Bis(2-ethylhexyl)phthalate	14.09	149	230822	39.969	nq	99
84) Di-n-octyl phthalate	14.72	149	353934	37.598	nq	95
85) Indeno(1,2,3-cd)pyrene	17.26	276	672989	84.890	nq #	89
87) Benzo(b)fluoranthene	15.22	252	490143	44.258	nq #	97
88) Benzo(k)fluoranthene	15.25	252	450885	42.753	nq #	95
89) Benzo(a)pyrene	15.61	252	487560	49.523	nq #	96
90) Dibenzo(a,h)anthracene	17.27	278	548728	65.766	nq #	92
91) Benzo(g,h,i)perylene	17.74	276	586931	71.970	nq #	88

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

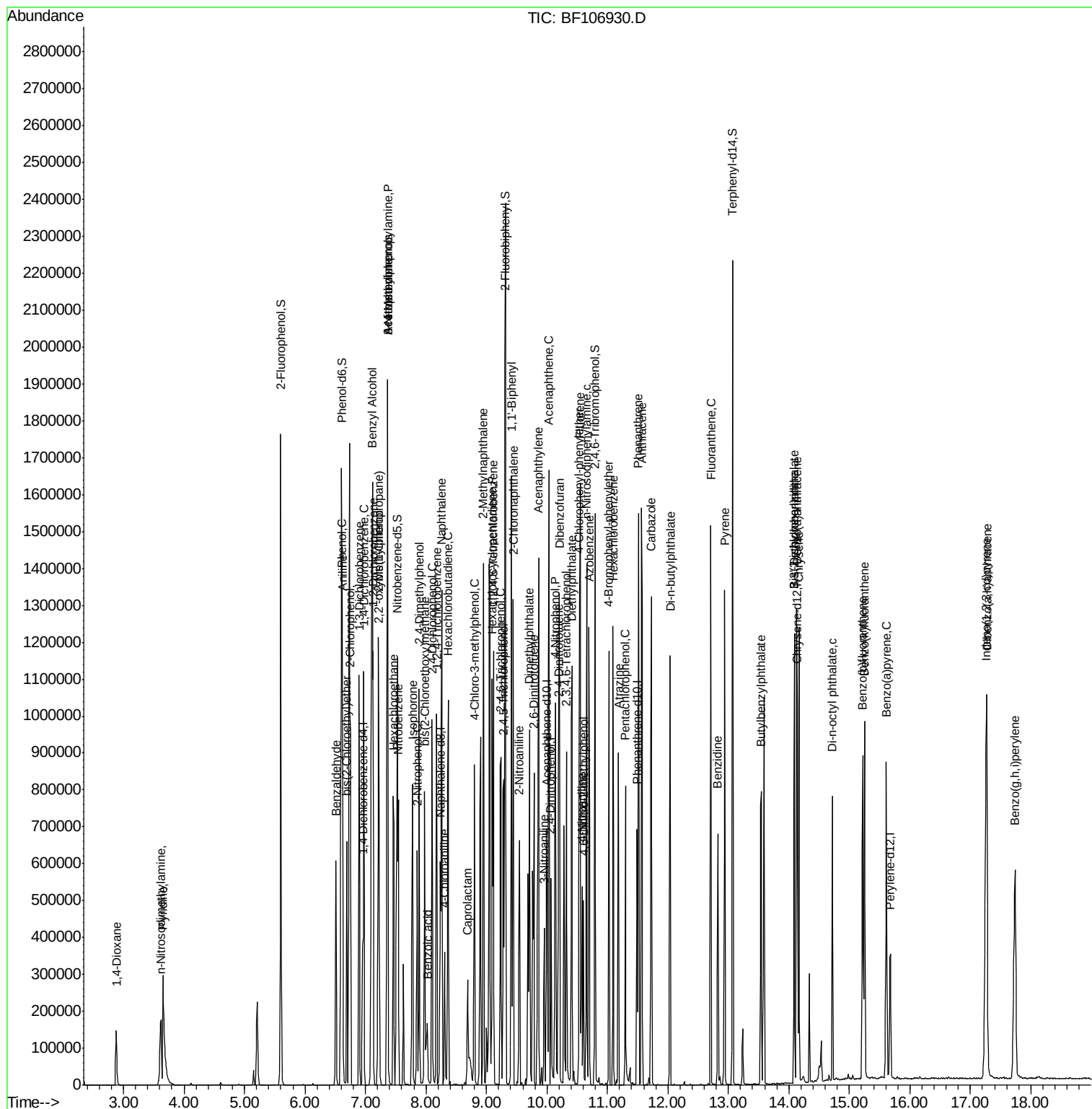
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
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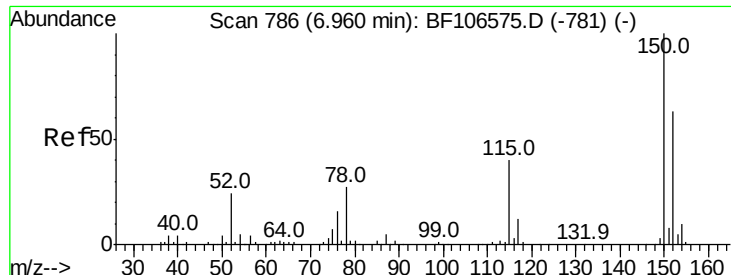
Instrument :
BNA_F
ClientSampled :
PB110673BS

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#1

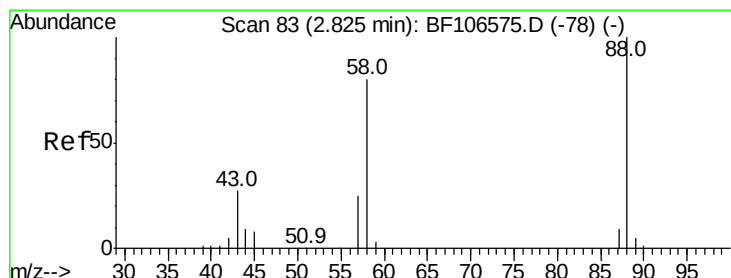
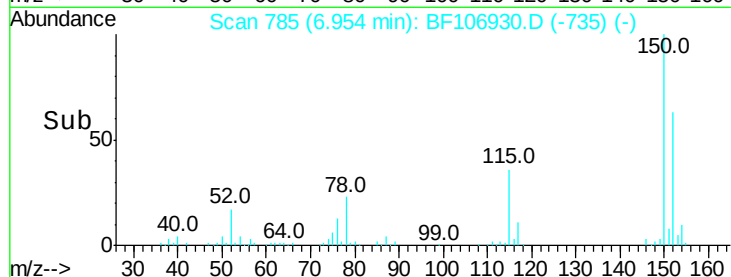
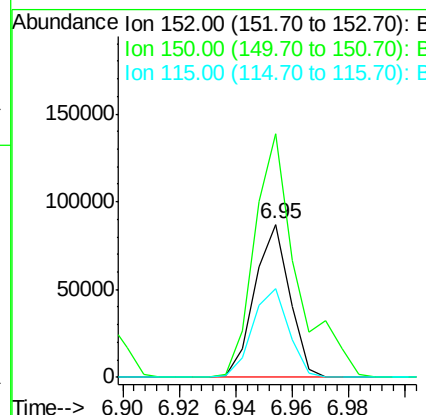
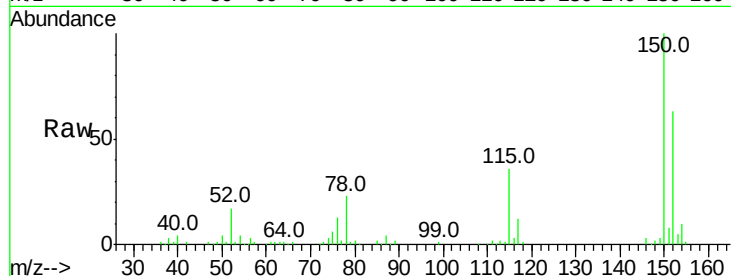
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106930.D
Acq: 28 Jun 2018 19:35

Instrument :
BNA_F
ClientSampleId :
PB110673BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.6	186.8
115	57.7	50.1	75.1

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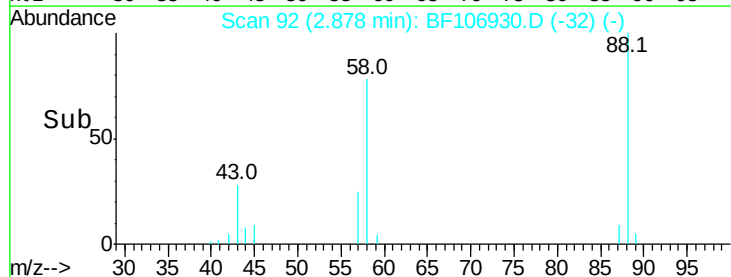
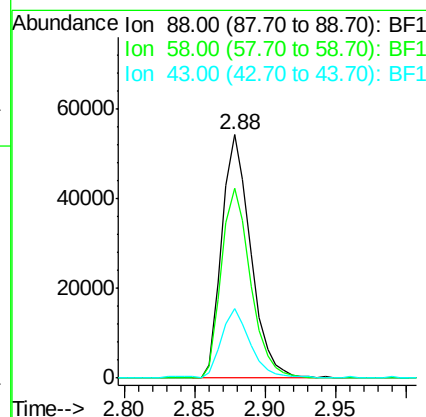
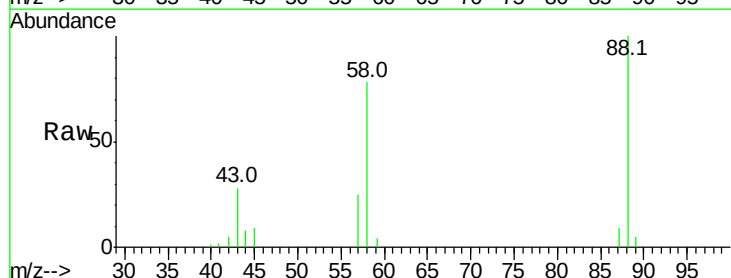
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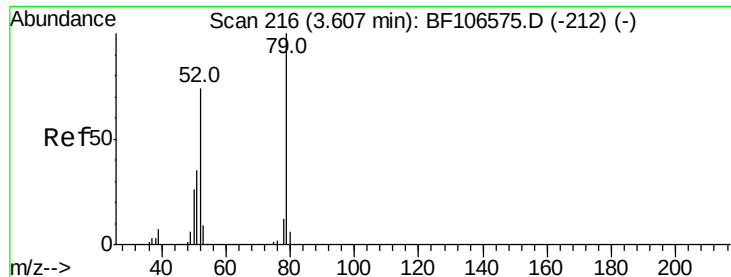


#2

1,4-Dioxane
Concen: 33.885 ng
RT: 2.88 min Scan# 92
Delta R.T. 0.05 min
Lab File: BF106930.D
Acq: 28 Jun 2018 19:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.0	62.6	93.8
43	28.5	24.6	37.0





#3

Pvridine

Concen: 36.665 ng

RT: 3.65 min Scan# 223

Delta R.T. 0.04 min

Lab File: BF106930.D

Acq: 28 Jun 2018 19:35

Instrument :

BNA_F

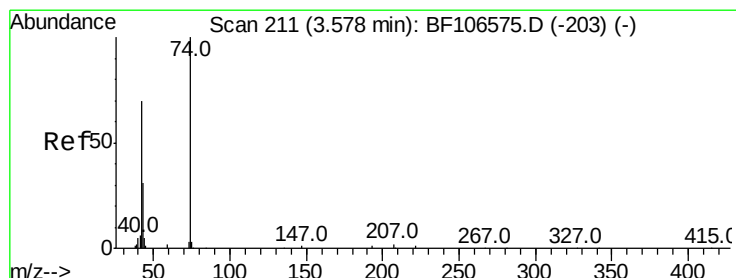
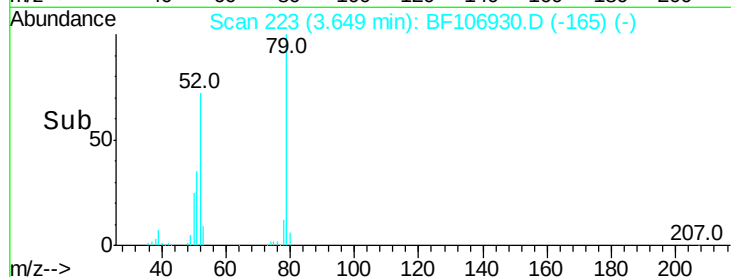
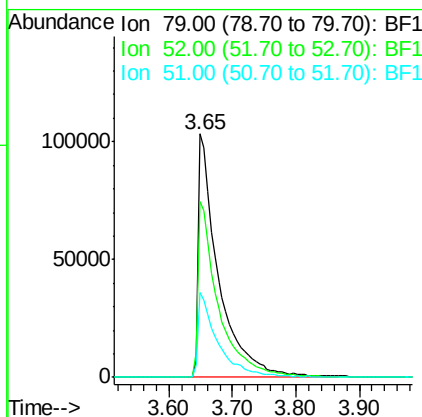
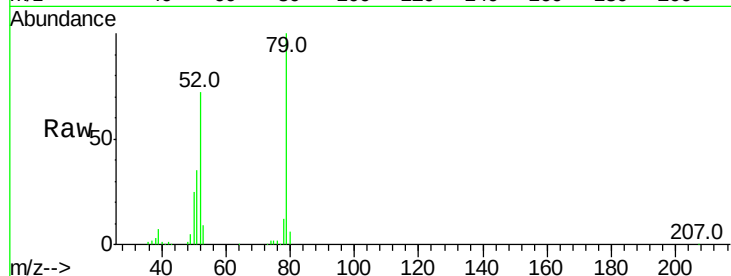
ClientSampleId :

PB110673BS

Tot Ion:	79	Resp:	227044
Ion Ratio	Lower	Upper	
79	100		
52	72.4	59.8	89.6
51	34.9	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 36.468 ng

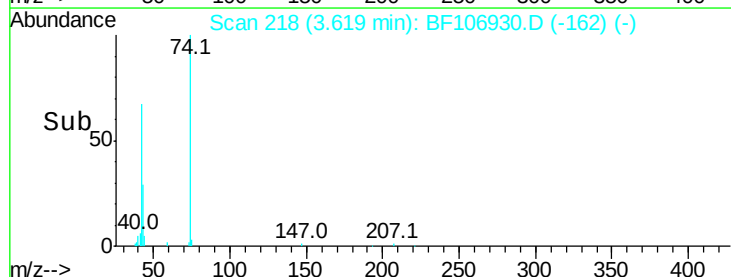
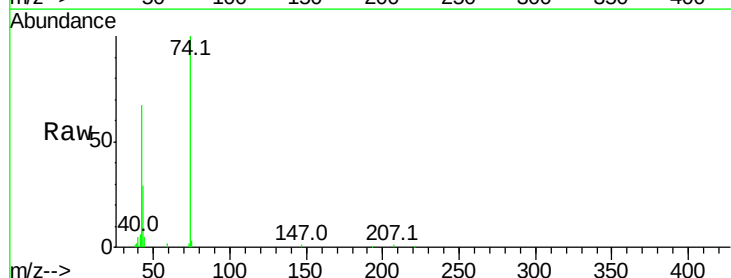
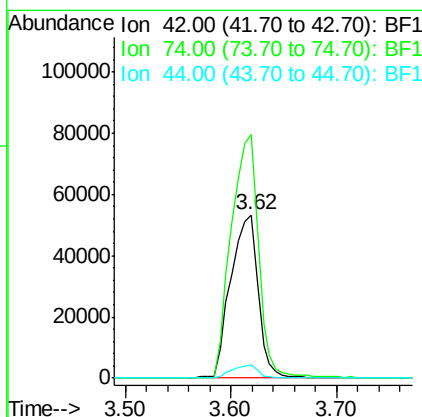
RT: 3.62 min Scan# 218

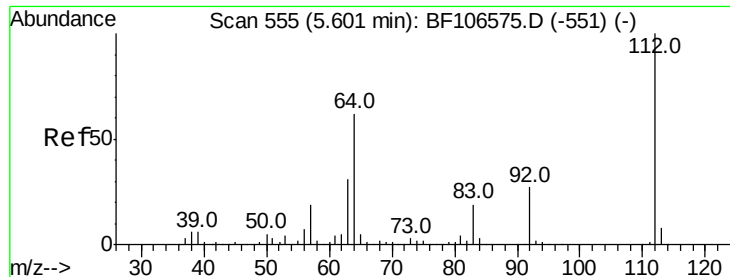
Delta R.T. 0.03 min

Lab File: BF106930.D

Acq: 28 Jun 2018 19:35

Tgt Ion:	42	Resp:	95913
Ion Ratio	Lower	Upper	
42	100		
74	148.9	104.9	157.3
44	7.8	6.9	10.3





#5

2-Fluorophenol

Concen: 127.108 ng

RT: 5.60 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF106930.D

Acq: 28 Jun 2018 19:35

Instrument :

BNA_F

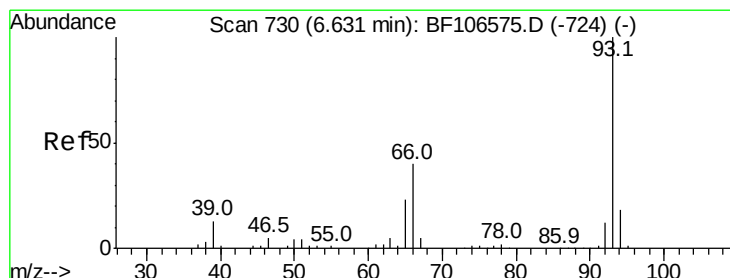
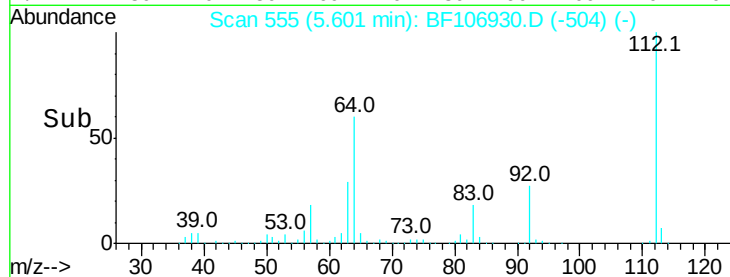
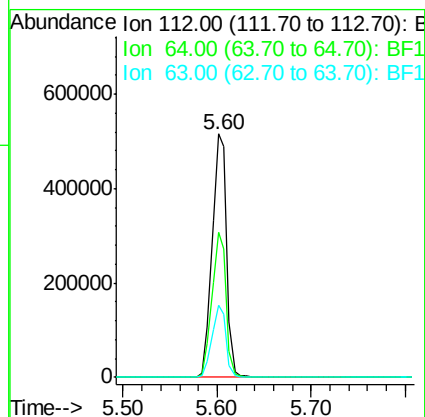
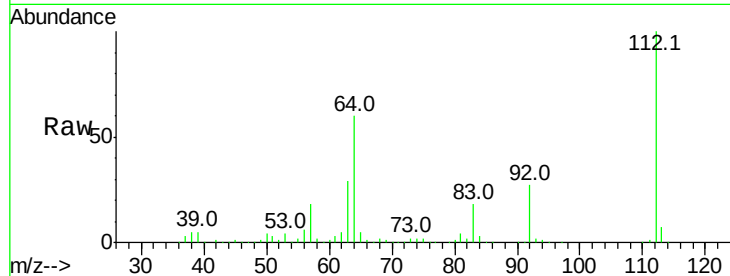
ClientSampleId :

PB110673BS

Tot Ion:	112	Resp:	564507
Ion Ratio	Lower	Upper	
112	100		
64	59.8	47.9	71.9
63	29.4	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 33.769 ng

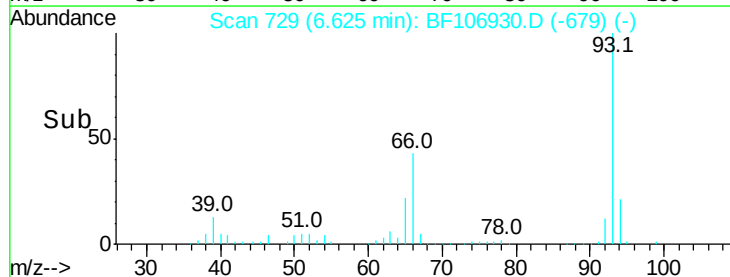
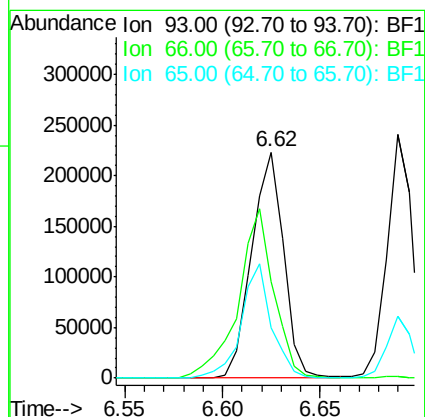
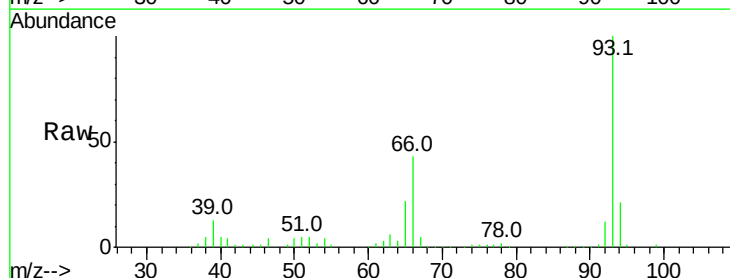
RT: 6.62 min Scan# 729

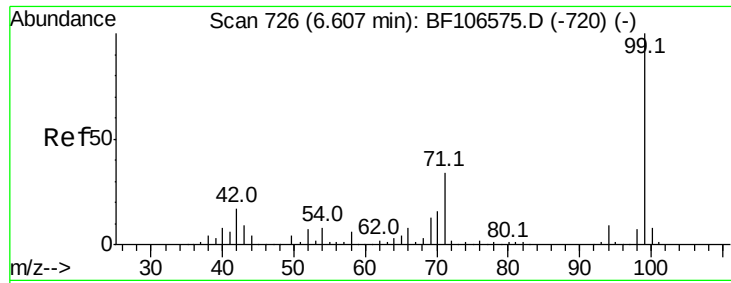
Delta R.T. -0.01 min

Lab File: BF106930.D

Acq: 28 Jun 2018 19:35

Tgt Ion:	93	Resp:	254053
Ion Ratio	Lower	Upper	
93	100		
66	42.6	32.2	48.2
65	22.3	16.4	24.6





#7

Phenol-d6

Concen: 126.651 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106930.D

Acq: 28 Jun 2018 19:35

Instrument :

BNA_F

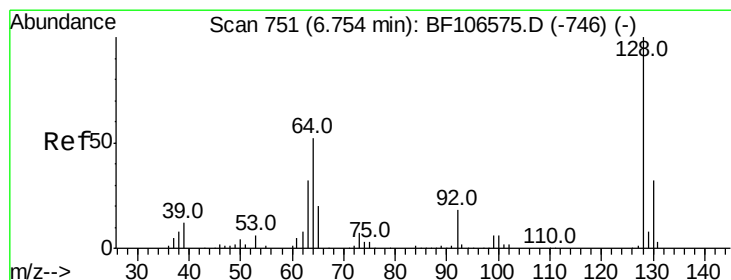
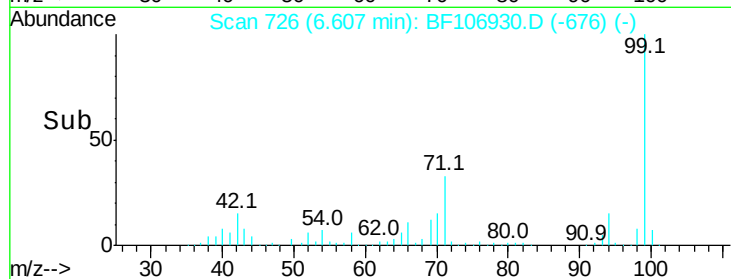
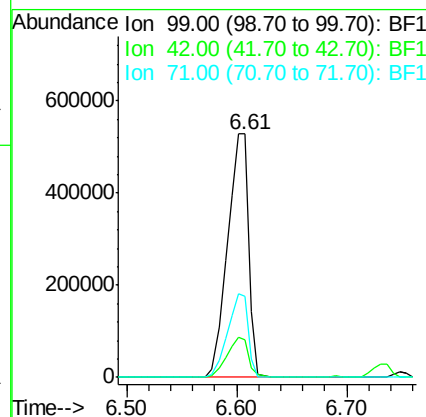
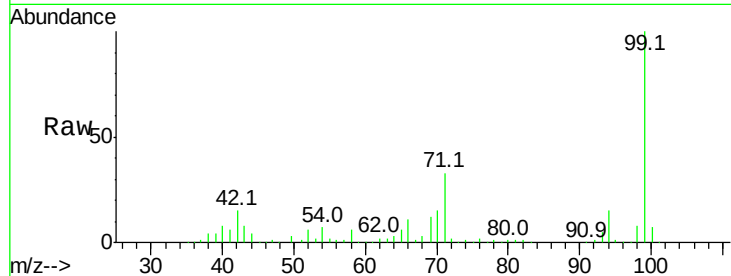
ClientSampleId :

PB110673BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		702426		
42	15.3	14.5	21.7		
71	33.4	25.4	38.0		

Manual Integrations
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#8

2-Chlorophenol

Concen: 44.036 ng

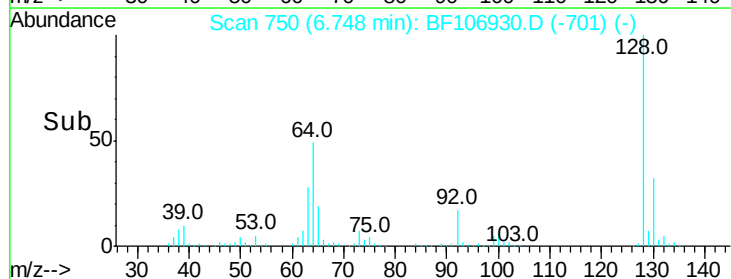
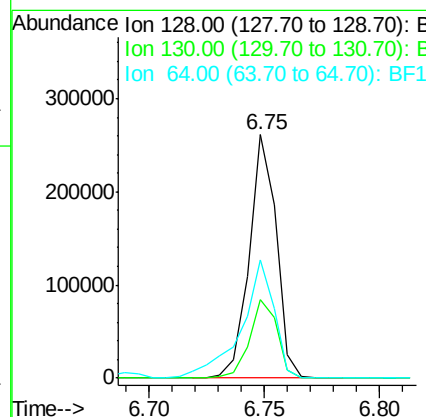
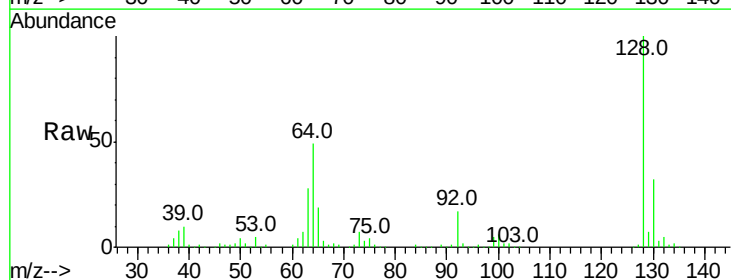
RT: 6.75 min Scan# 750

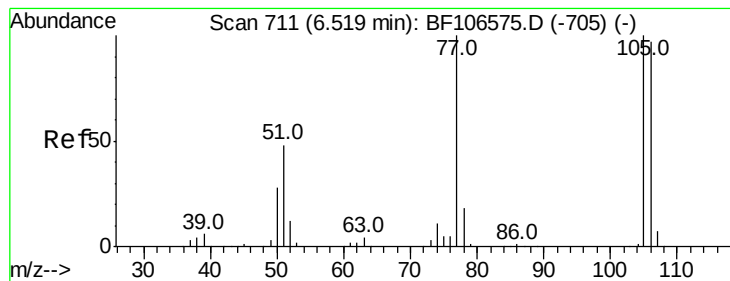
Delta R.T. -0.01 min

Lab File: BF106930.D

Acq: 28 Jun 2018 19:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		214504		
130	32.2	13.0	53.0		
64	48.8	29.4	69.4		





#9

Benzaldehyde

Concen: 30.933 ng

RT: 6.51 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF106930.D

Acq: 28 Jun 2018 19:35

Instrument :

BNA_F

ClientSampleId :

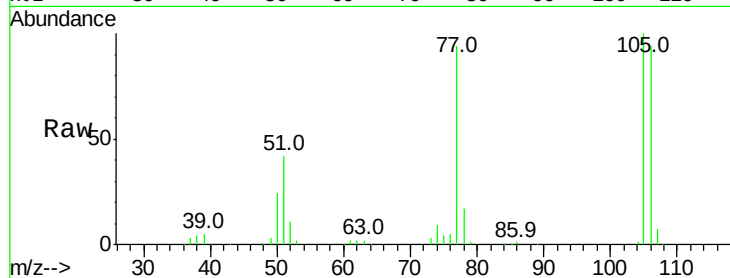
PB110673BS

Tot Ion: 77 Resp: 124084

Ion	Ratio	Lower	Upper
77	100		
105	106.1	81.1	121.1
106	99.7	74.5	114.5

Manual Integrations
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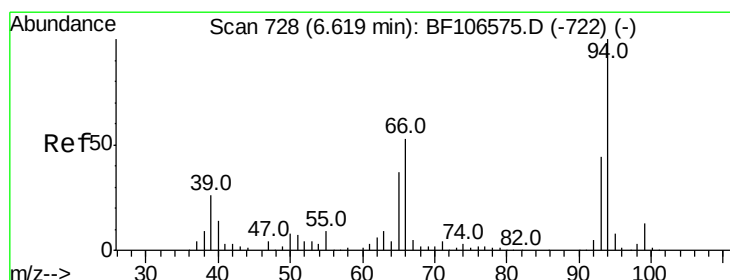
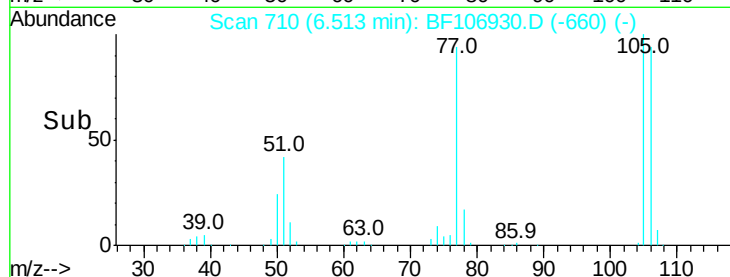
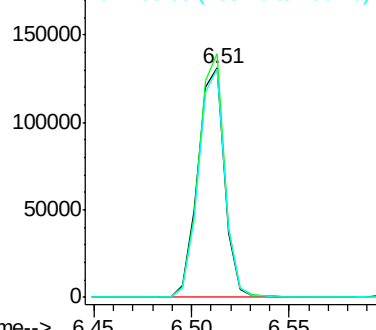
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.139 ng

RT: 6.62 min Scan# 728

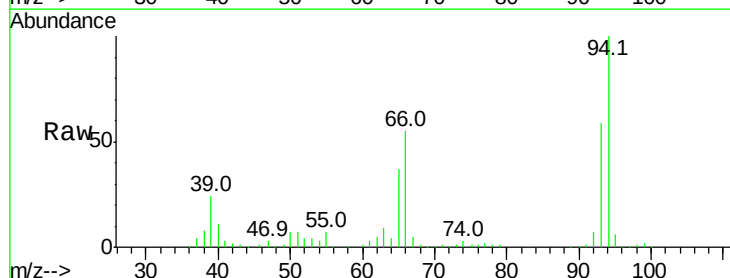
Delta R.T. -0.01 min

Lab File: BF106930.D

Acq: 28 Jun 2018 19:35

Tgt Ion: 94 Resp: 260390

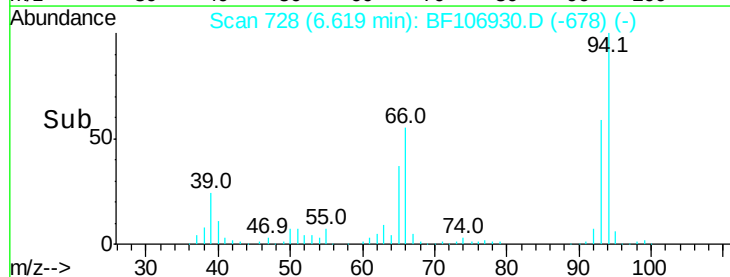
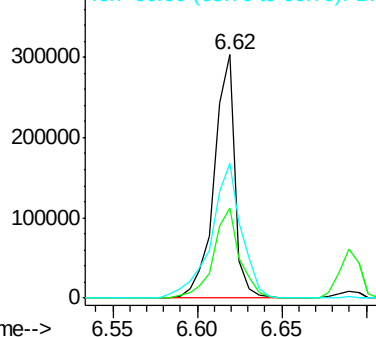
Ion	Ratio	Lower	Upper
94	100		
65	37.2	7.9	47.9
66	55.2	16.2	56.2

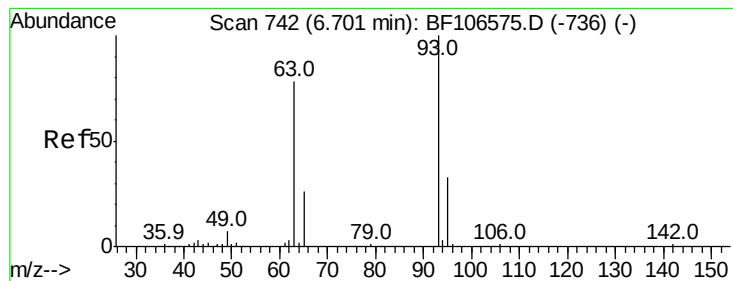


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





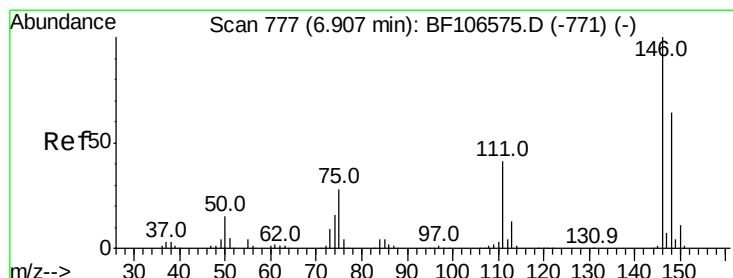
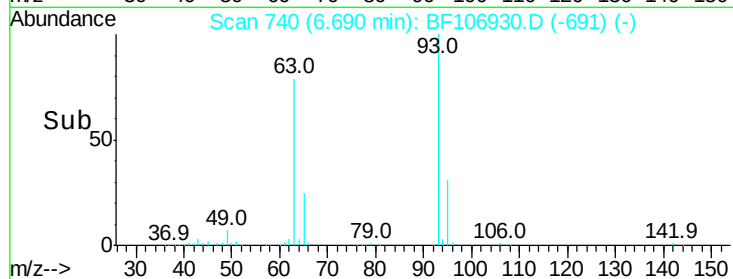
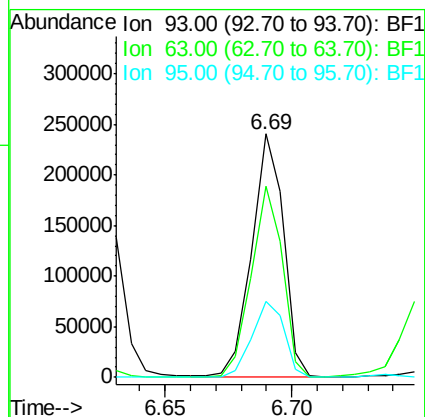
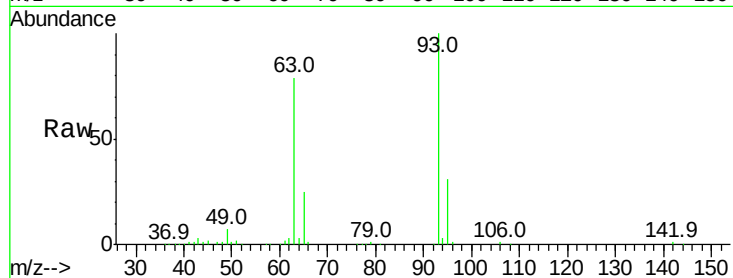
#11
bis(2-Chloroethyl)ether
Concen: 40.155 ng
RT: 6.69 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF106930.D
Acq: 28 Jun 2018 19:35

Instrument :
BNA_F
ClientSampleId :
PB110673BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.7	58.6	98.6
95	31.4	11.8	51.8

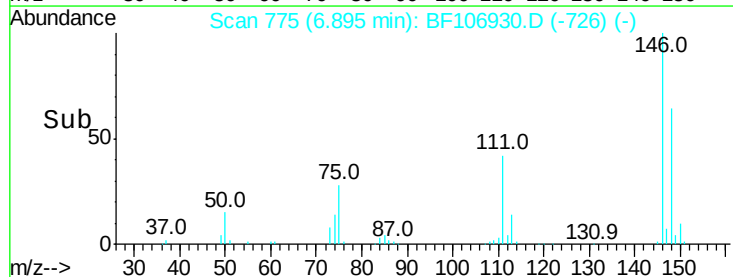
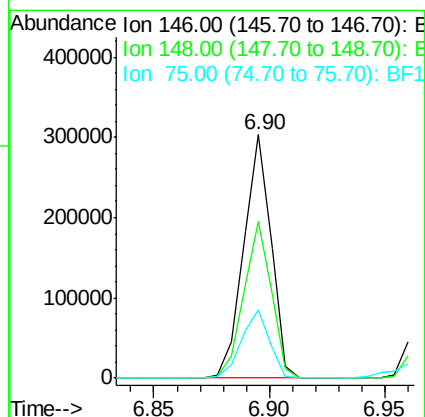
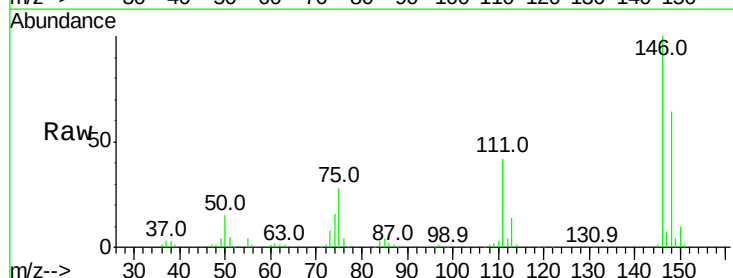
Manual Integrations
APPROVED

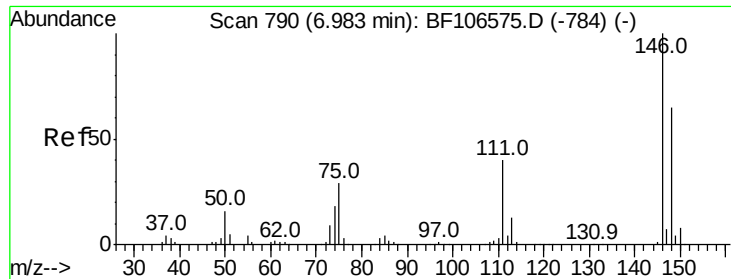
Sohil
6/29/2018 2:30:42 PM



#12
1,3-Dichlorobenzene
Concen: 44.095 ng
RT: 6.90 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF106930.D
Acq: 28 Jun 2018 19:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.8
75	28.3	24.2	36.4





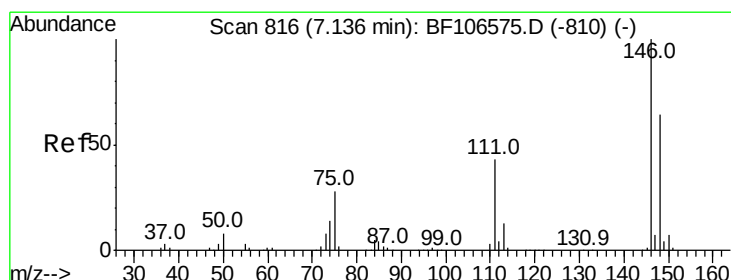
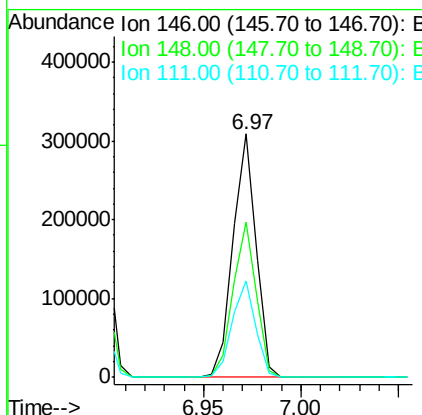
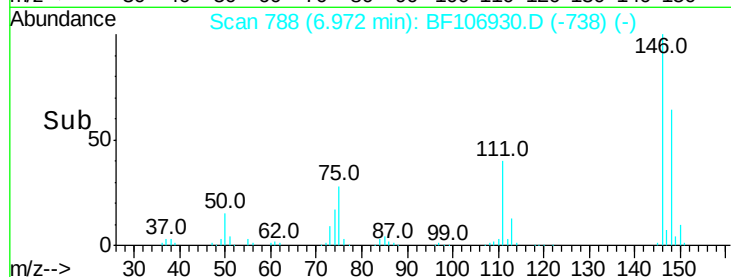
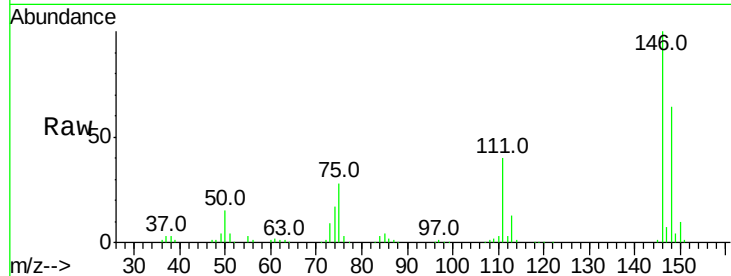
#13
 1,4-Dichlorobenzene
 Concen: 43.772 ng
 RT: 6.97 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF106930.D
 Acq: 28 Jun 2018 19:35

Instrument :
 BNA_F
 ClientSampleId :
 PB110673BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.8	76.2
111	39.7	34.2	51.2

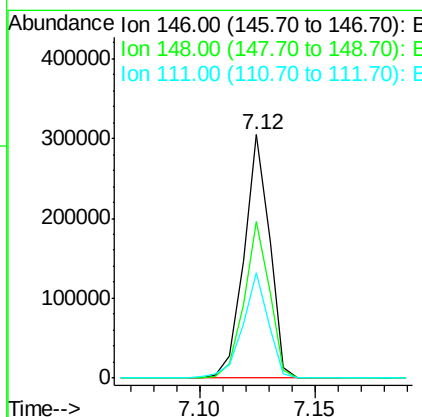
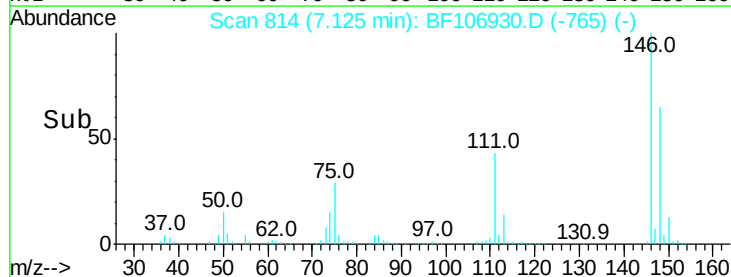
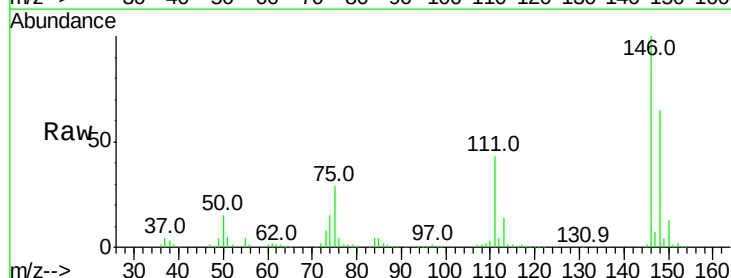
Manual Integrations
 APPROVED

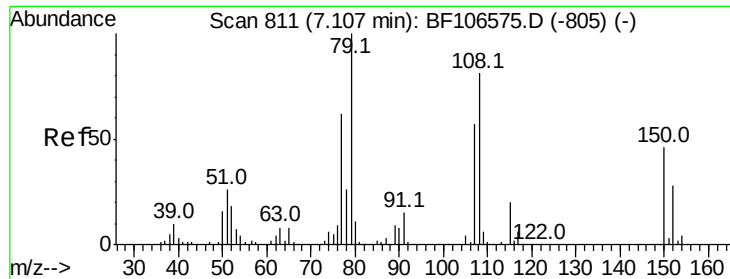
Sohil
 6/29/2018 2:30:42 PM



#14
 1,2-Dichlorobenzene
 Concen: 44.495 ng
 RT: 7.12 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF106930.D
 Acq: 28 Jun 2018 19:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.6	75.8
111	43.1	36.0	54.0





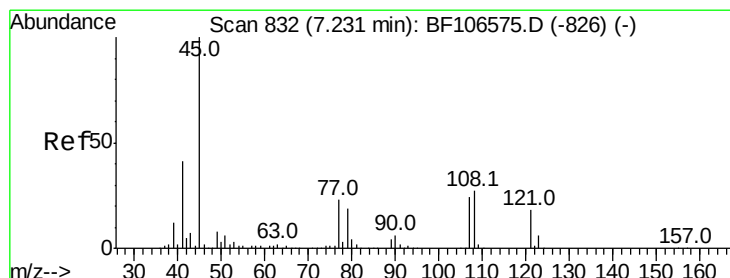
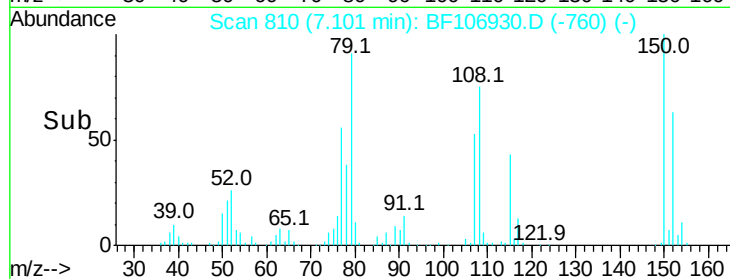
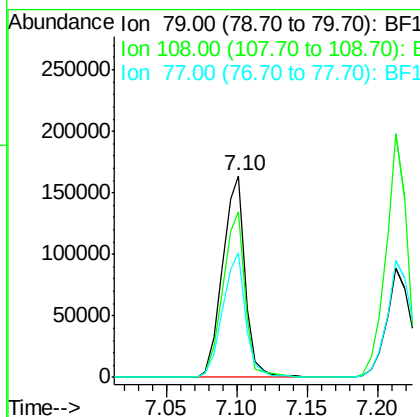
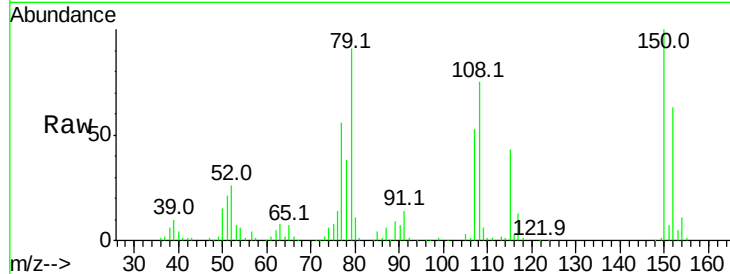
#15
Benzyl Alcohol
Concen: 40.842 ng
RT: 7.10 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF106930.D
Acq: 28 Jun 2018 19:35

Instrument :
BNA_F
ClientSampled :
PB110673BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.2	65.1	97.7
77	61.6	50.6	75.8

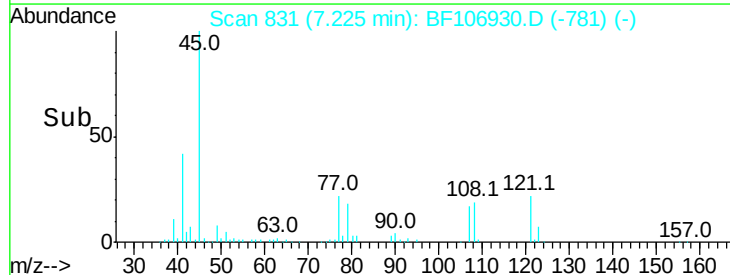
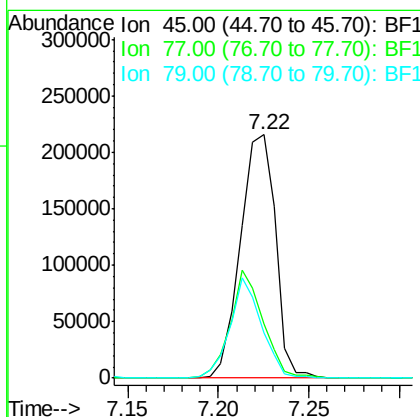
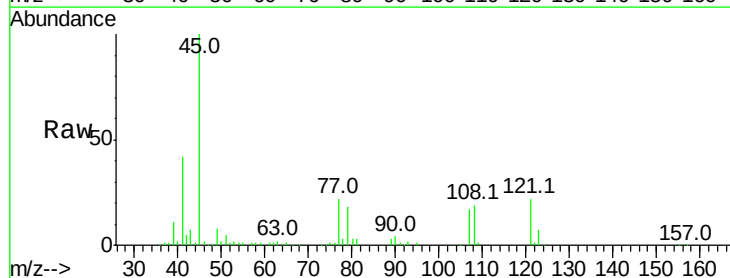
Manual Integrations
APPROVED

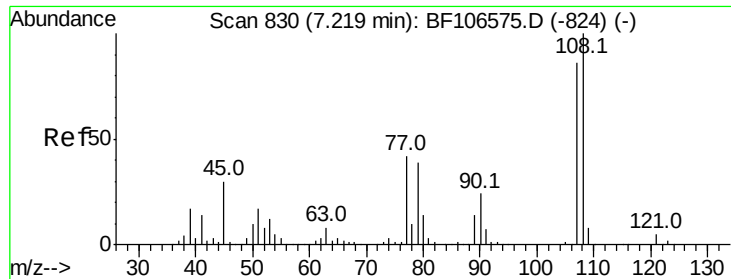
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.446 ng
RT: 7.22 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF106930.D
Acq: 28 Jun 2018 19:35

Tgt Ion	Ratio	Lower	Upper
45	100		
77	22.1	0.0	32.9
79	18.4	0.0	29.6





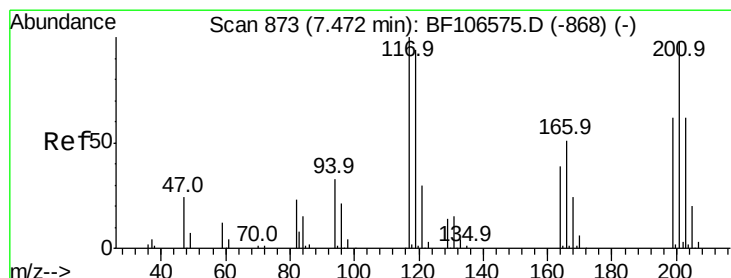
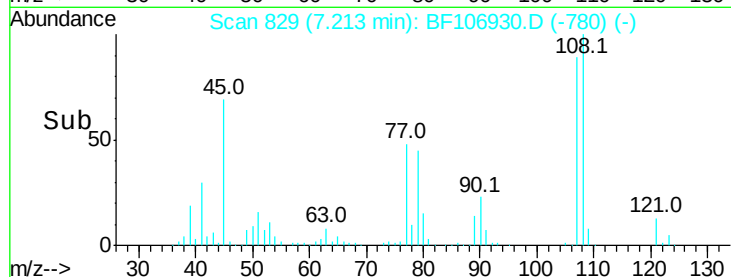
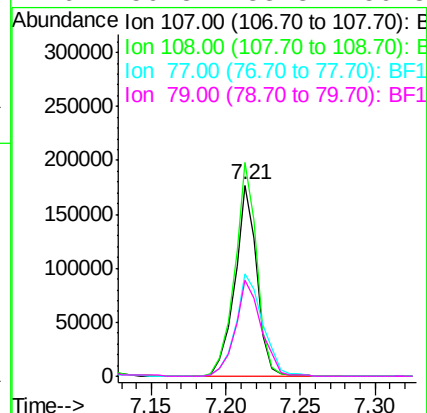
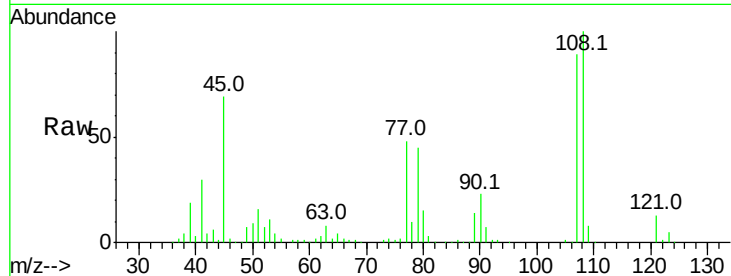
#17
2-Methylphenol
Concen: 44.149 ng
RT: 7.21 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF106930.D
Acq: 28 Jun 2018 19:35

Instrument :
BNA_F
ClientSampleId :
PB110673BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.8	91.7	137.5
77	53.8	33.8	50.8
79	50.3	33.8	50.8

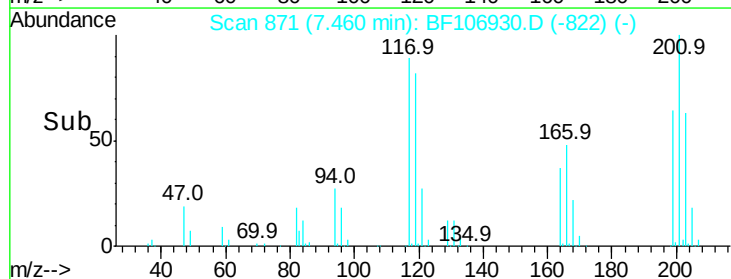
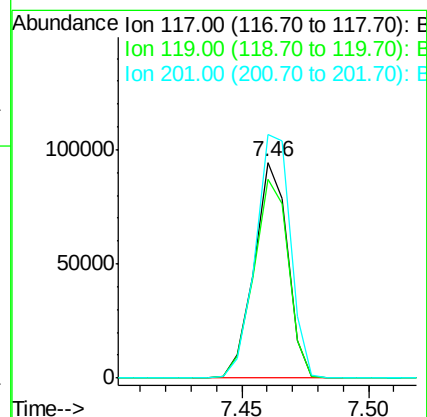
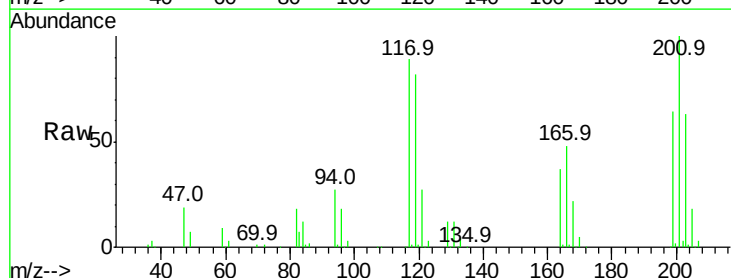
Manual Integrations
APPROVED

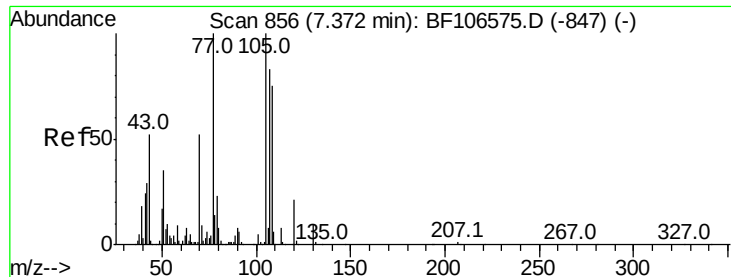
Sohil
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#18
Hexachloroethane
Concen: 42.782 ng
RT: 7.46 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF106930.D
Acq: 28 Jun 2018 19:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.5	75.8	113.8
201	112.9	75.7	113.5





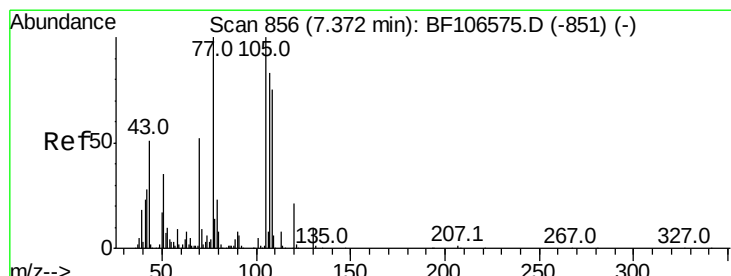
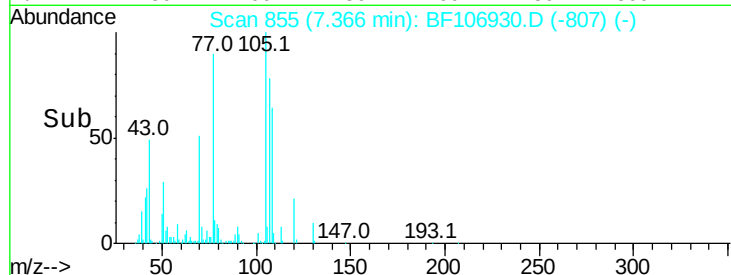
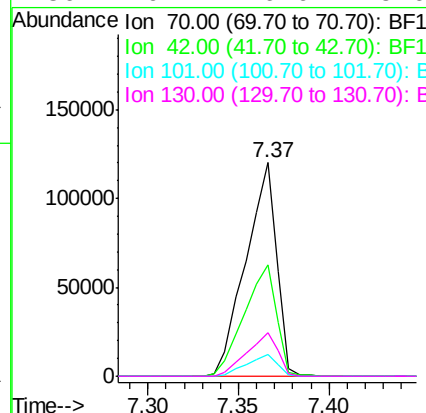
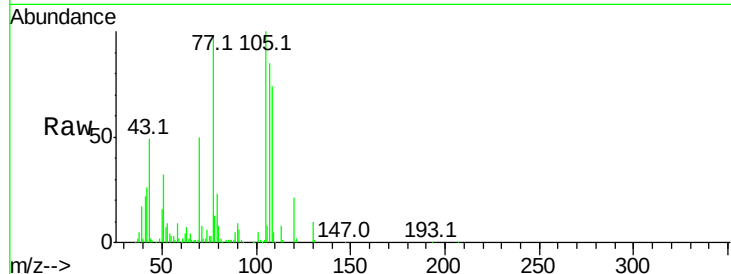
#19
n-Nitroso-di-n-propylamine
Concen: 38.848 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.02 min
Lab File: BF106930.D
Acq: 28 Jun 2018 19:35

Instrument :
BNA_F
ClientSampleId :
PB110673BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	52.1	47.5	71.3
101	10.0	7.4	11.2
130	20.4	16.6	25.0

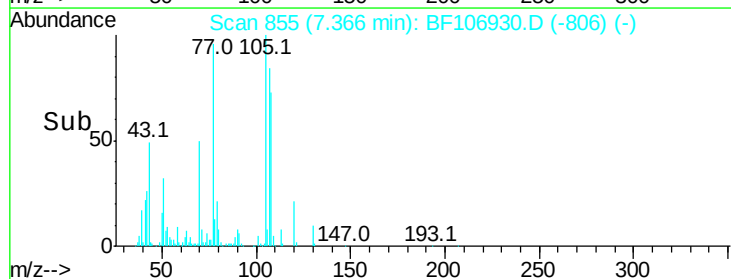
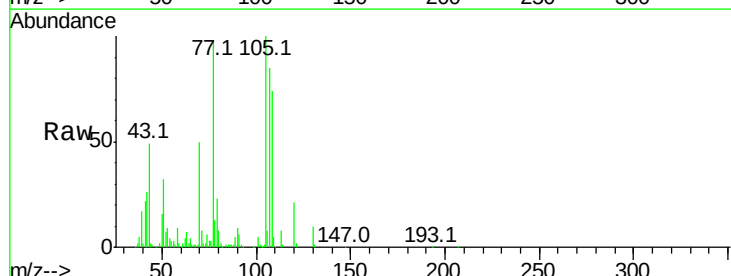
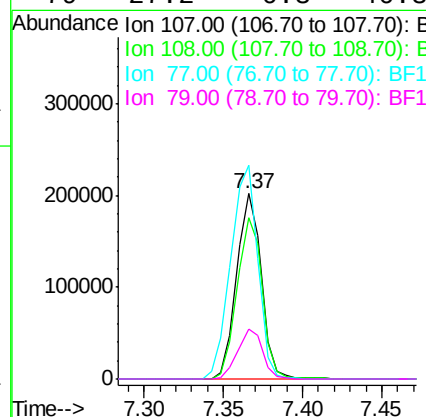
Manual Integrations
APPROVED

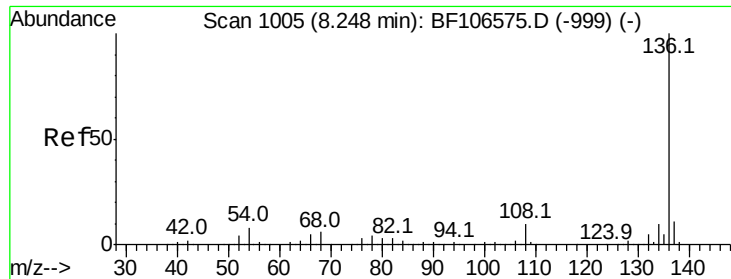
Sohil
6/29/2018 2:30:42 PM



#20
3+4-Methylphenols
Concen: 50.033 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF106930.D
Acq: 28 Jun 2018 19:35

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.3	68.2	108.2
77	115.2	26.7	66.7#
79	27.2	6.3	46.3





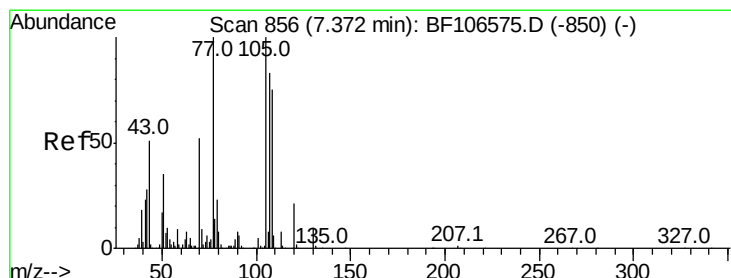
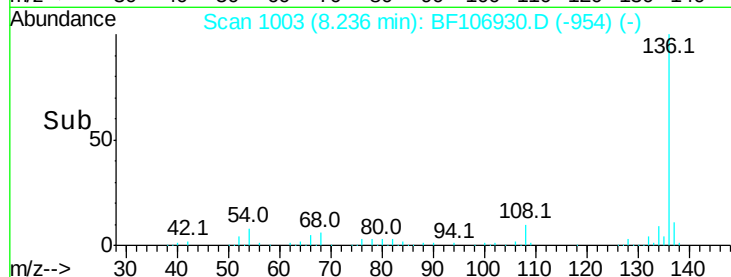
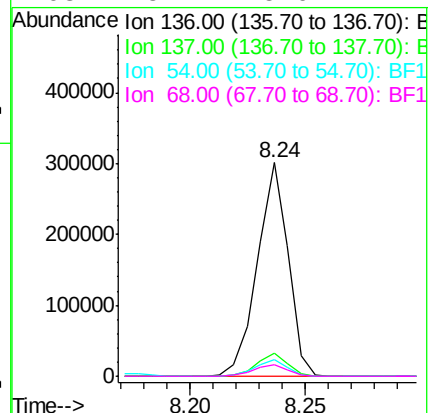
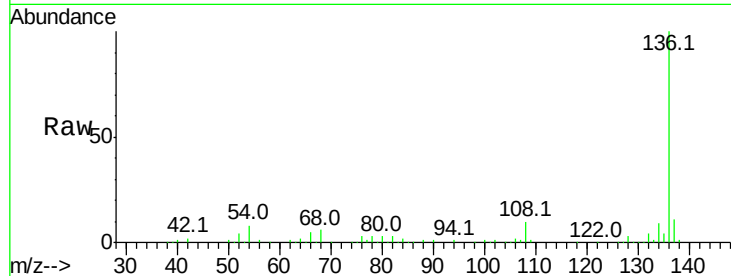
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106930.D
Acq: 28 Jun 2018 19:35

Instrument :
BNA_F
ClientSampleId :
PB110673BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.5	8.9	13.3
54	7.6	6.6	9.8
68	5.7	5.0	7.4

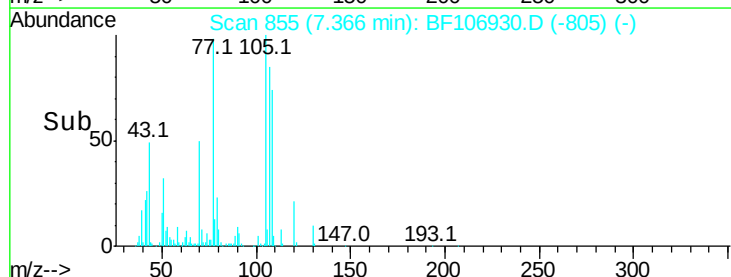
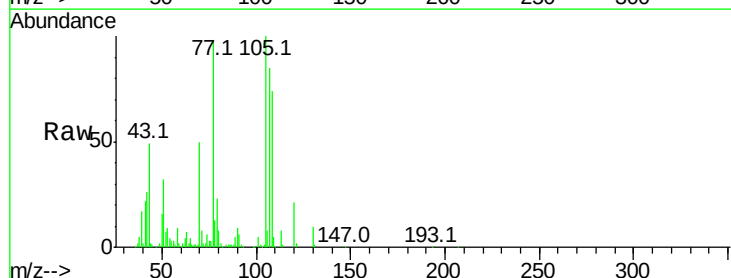
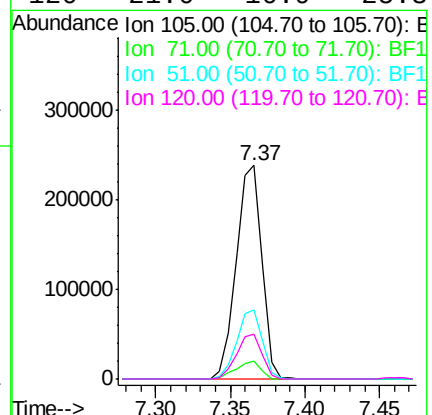
Manual Integrations
APPROVED

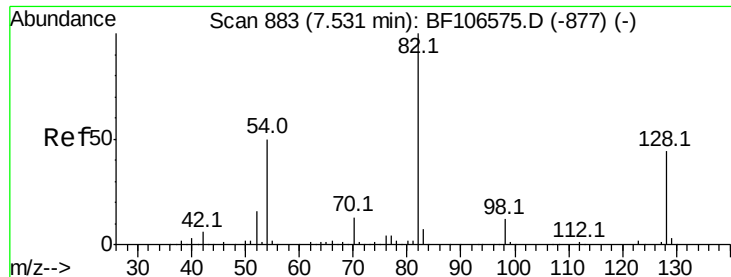
Sohil
6/29/2018 2:30:42 PM



#22
Acetophenone
Concen: 45.792 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF106930.D
Acq: 28 Jun 2018 19:35

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	8.3	4.4	6.6#
51	32.1	22.3	33.5
120	21.0	16.9	25.3





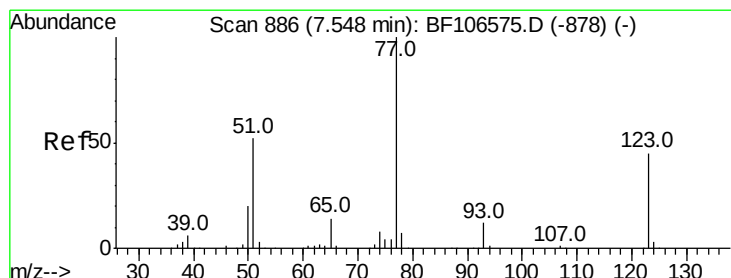
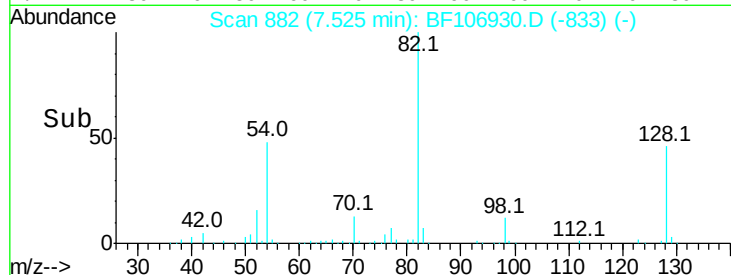
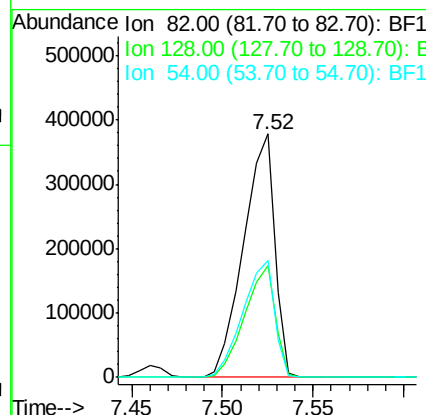
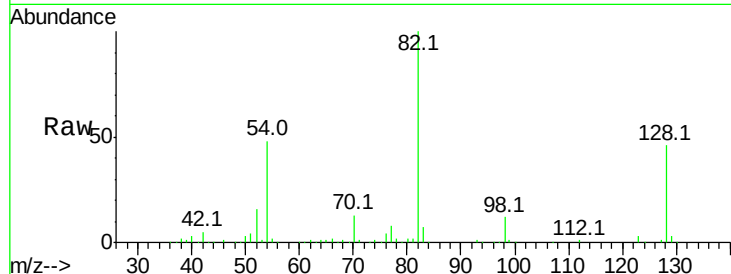
#23
Nitrobenzene-d5
Concen: 89.605 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106930.D
Acq: 28 Jun 2018 19:35

Instrument :
BNA_F
ClientSampled :
PB110673BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.7	36.1	54.1	
54	48.3	41.4	62.2	

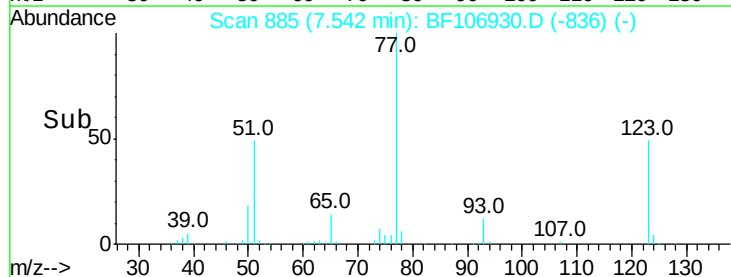
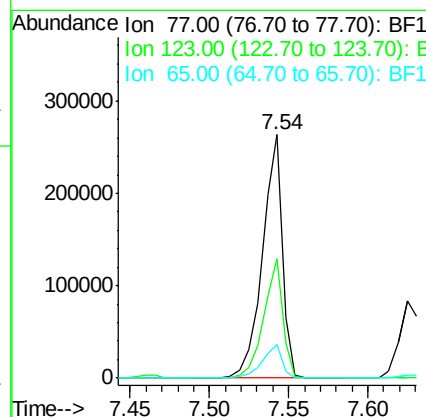
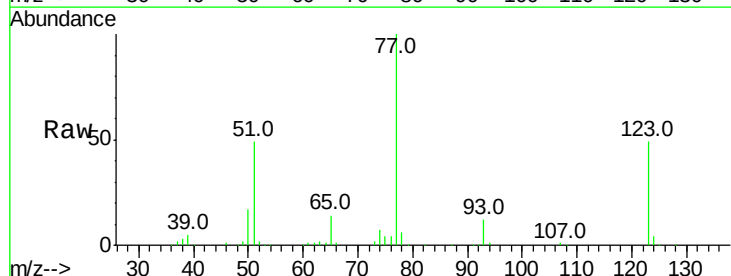
Manual Integrations
APPROVED

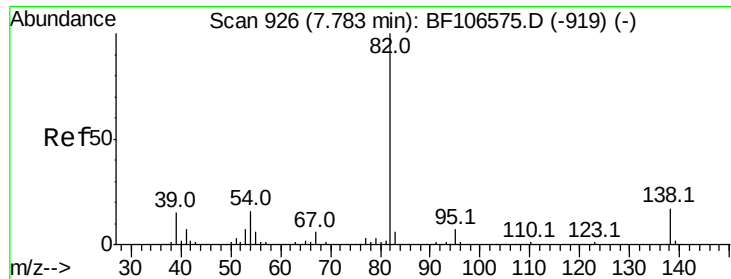
Sohil
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#24
Nitrobenzene
Concen: 44.744 ng
RT: 7.54 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF106930.D
Acq: 28 Jun 2018 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	48.9	37.9	56.9	
65	13.7	11.0	16.4	





#25

Isophorone

Concen: 46.754 ng

RT: 7.78 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF106930.D

Acq: 28 Jun 2018 19:35

Instrument :

BNA_F

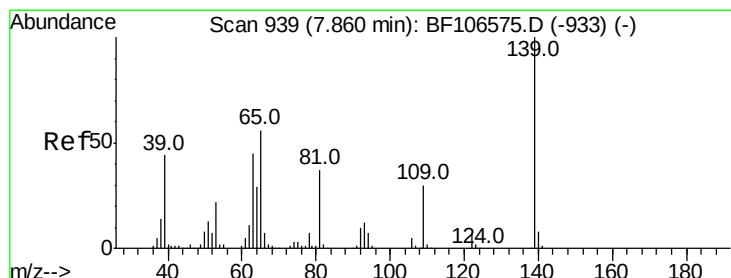
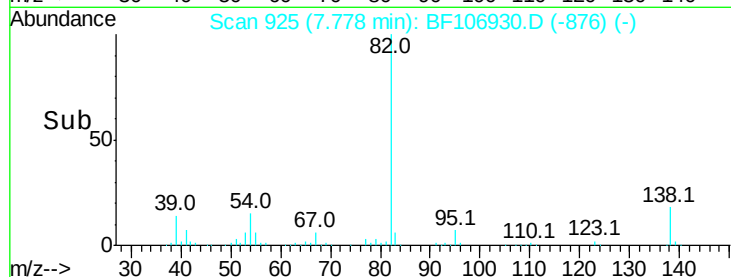
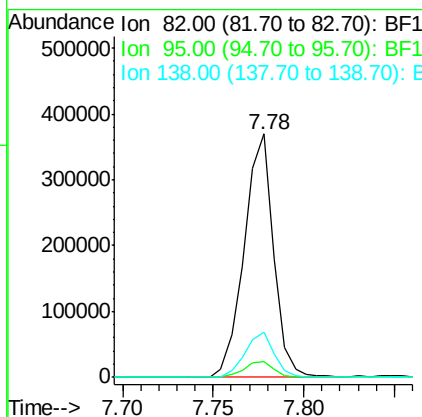
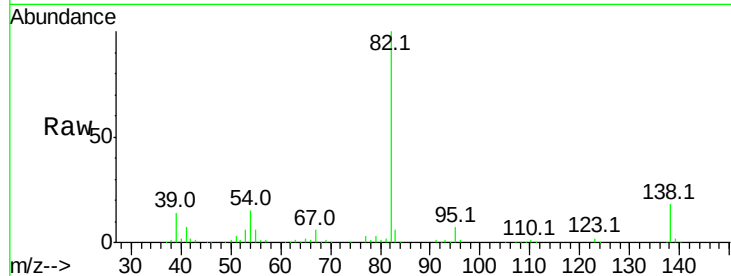
ClientSampleId :

PB110673BS

Tot Ion:	82	Resp:	415969
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.2	7.8
138	18.3	14.9	22.3

Manual Integrations
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6/29/2018 2:30:42 PM



#26

2-Nitrophenol

Concen: 50.260 ng

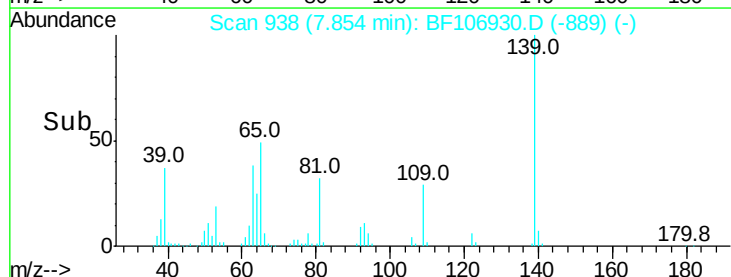
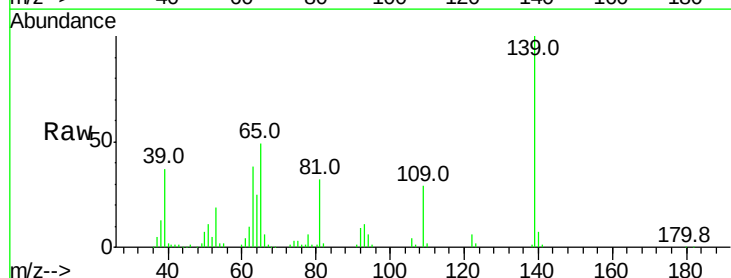
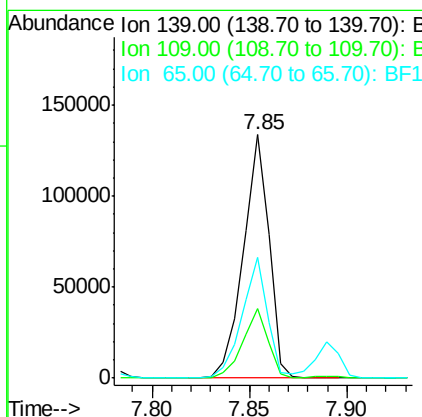
RT: 7.85 min Scan# 938

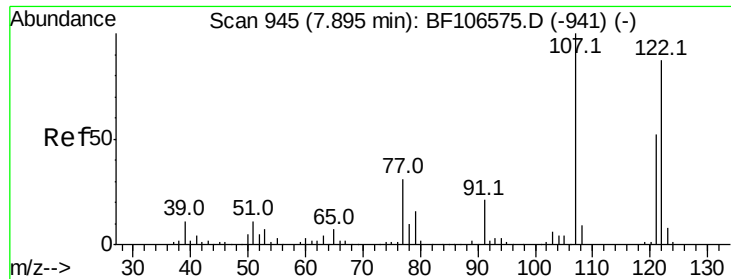
Delta R.T. -0.01 min

Lab File: BF106930.D

Acq: 28 Jun 2018 19:35

Tgt Ion:	139	Resp:	122305
Ion Ratio	Lower	Upper	
139	100		
109	28.6	22.7	34.1
65	49.4	40.5	60.7





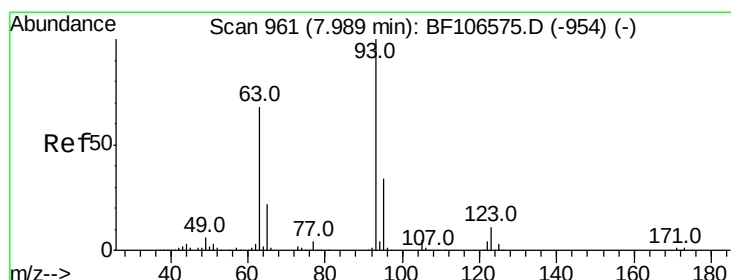
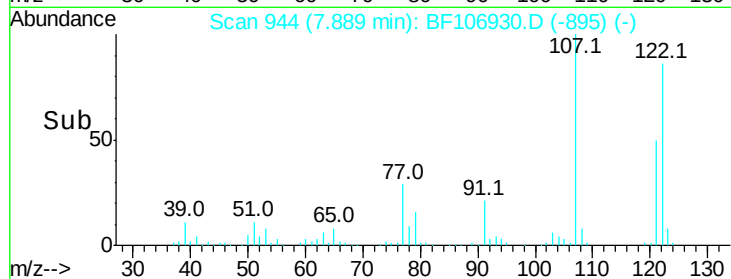
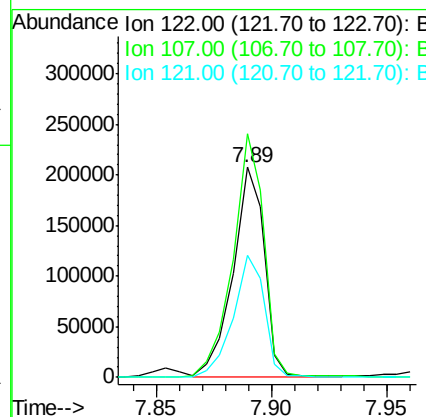
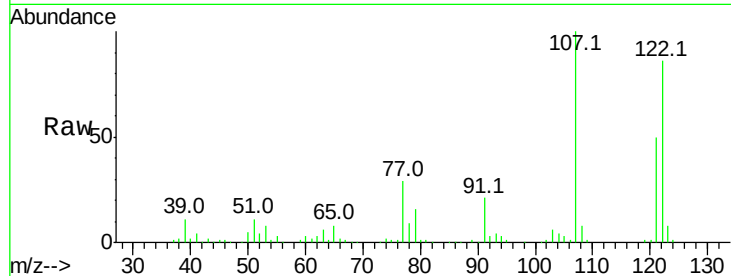
#27
2,4-Dimethylphenol
Concen: 52.475 ng
RT: 7.89 min Scan# 944
Delta R.T. -0.01 min
Lab File: BF106930.D
Acq: 28 Jun 2018 19:35

Instrument :
BNA_F
ClientSampleId :
PB110673BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.8	91.2	136.8
121	58.1	47.2	70.8

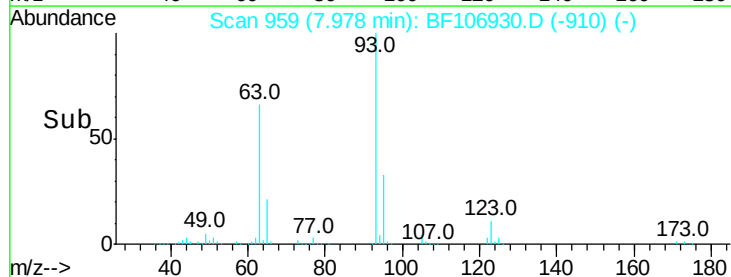
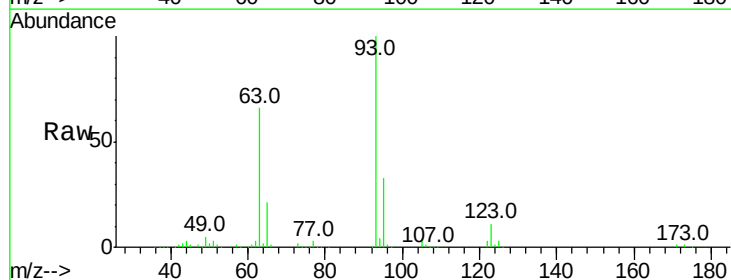
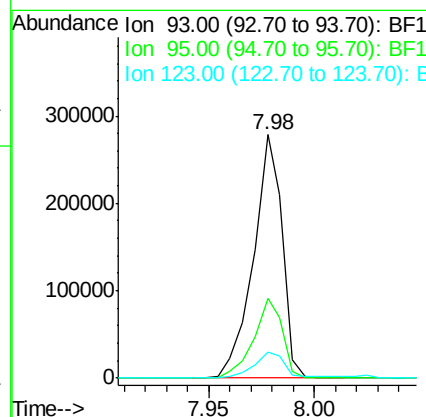
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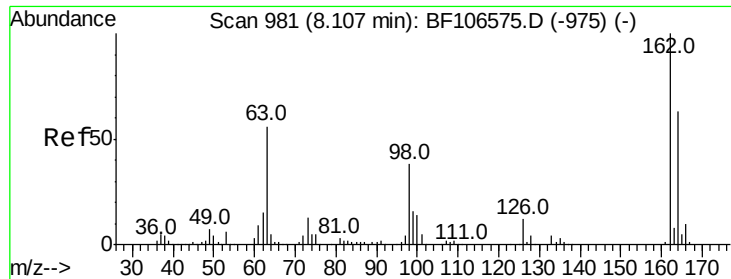
Sohil
6/29/2018 2:30:42 PM



#28
bis(2-Chloroethoxy)methane
Concen: 44.304 ng
RT: 7.98 min Scan# 959
Delta R.T. -0.01 min
Lab File: BF106930.D
Acq: 28 Jun 2018 19:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.3	39.5
123	10.9	9.8	14.6





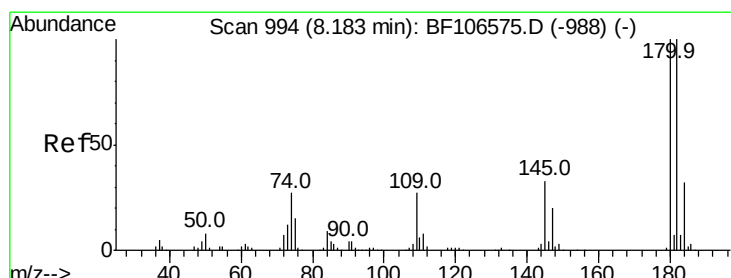
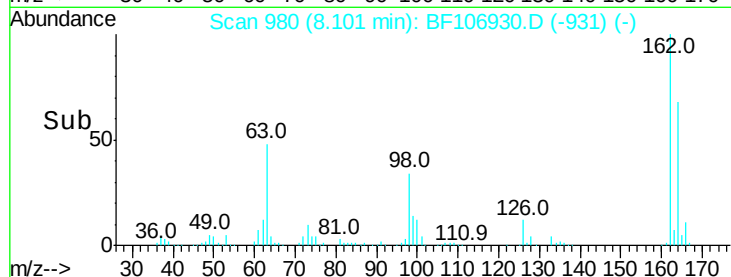
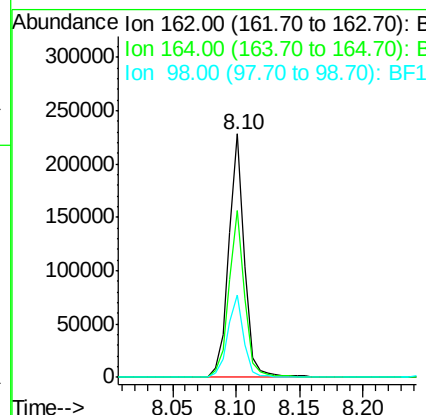
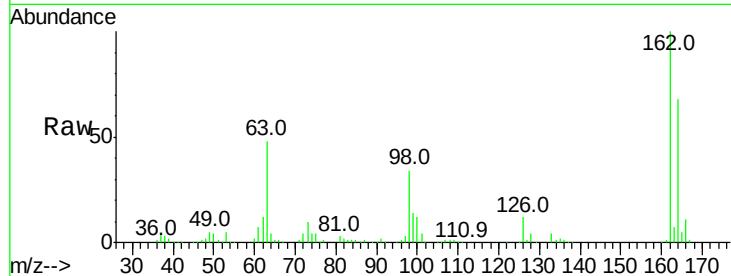
#29
 2,4-Dichlorophenol
 Concen: 50.036 ng
 RT: 8.10 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF106930.D
 Acq: 28 Jun 2018 19:35

Instrument :
 BNA_F
 ClientSampleId :
 PB110673BS

Tot Ion:	162	Resp:	197031
Ion Ratio	Lower	Upper	
162	100		
164	68.5	42.7	82.7
98	33.7	18.1	58.1

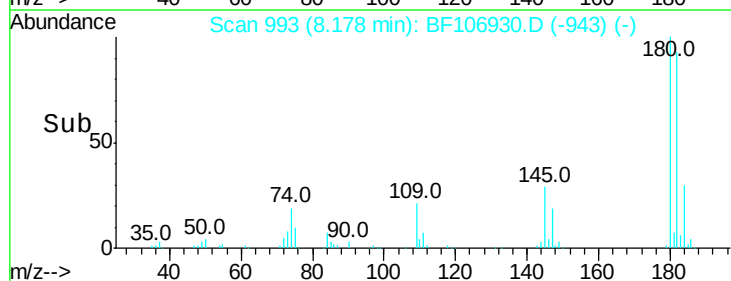
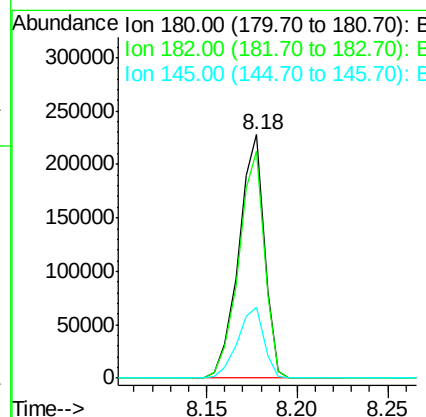
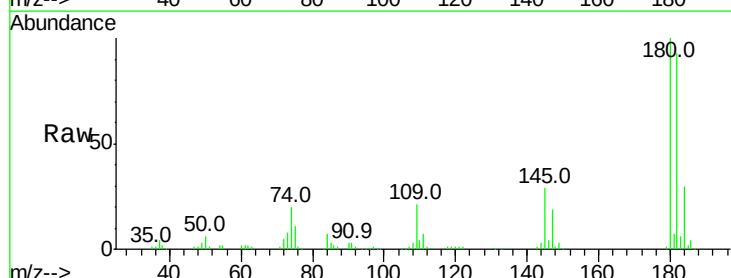
Manual Integrations
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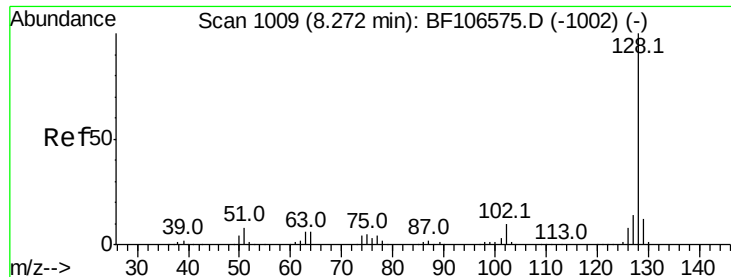
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 51.667 ng
 RT: 8.18 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BF106930.D
 Acq: 28 Jun 2018 19:35

Tgt Ion:	180	Resp:	224126
Ion Ratio	Lower	Upper	
180	100		
182	93.3	76.8	115.2
145	29.0	26.5	39.7





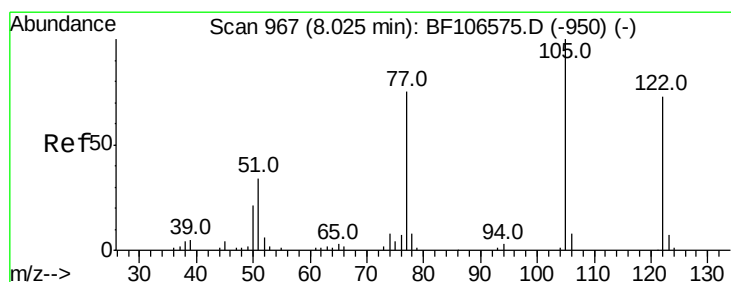
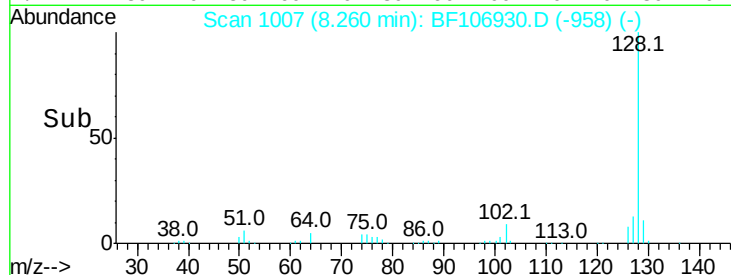
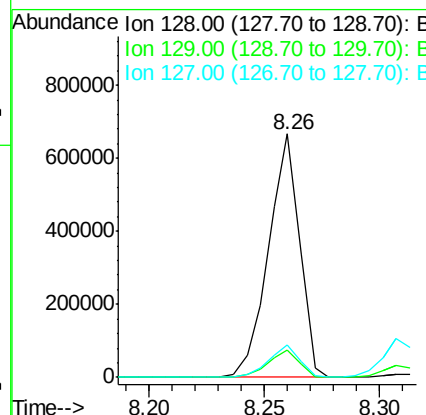
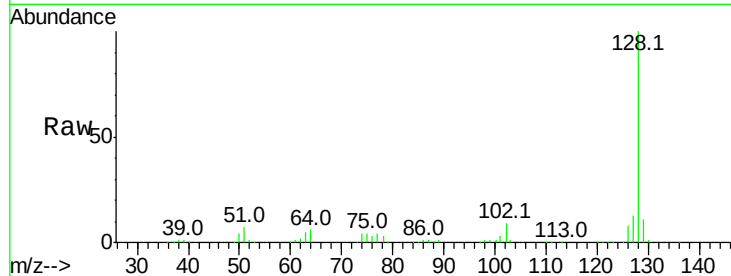
#31
Naphthalene
Concen: 47.602 ng
RT: 8.26 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF106930.D
Acq: 28 Jun 2018 19:35

Instrument :
BNA_F
ClientSampleId :
PB110673BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	624465		
129	11.1		8.8	13.2
127	13.4		10.9	16.3

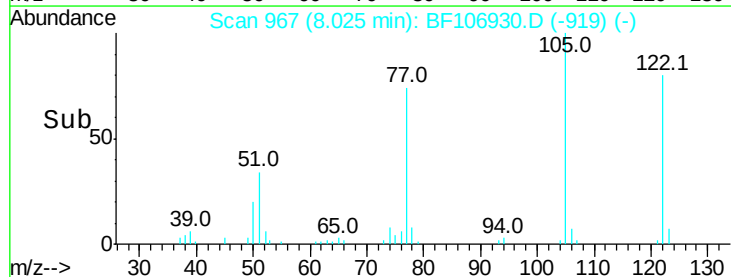
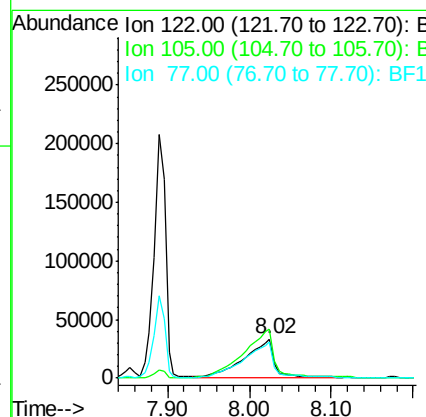
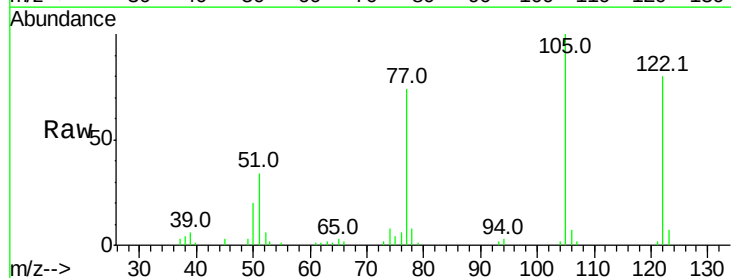
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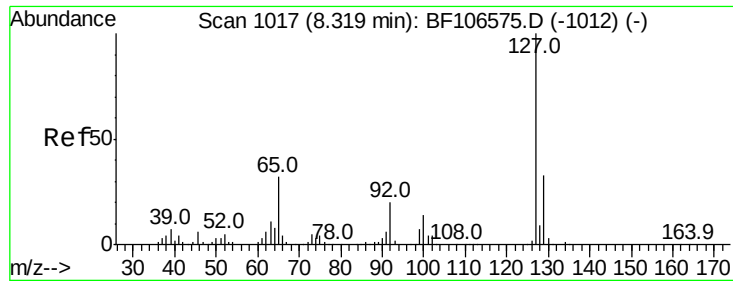
Sohil
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#32
Benzoic acid
Concen: 32.962 ng
RT: 8.02 min Scan# 967
Delta R.T. -0.02 min
Lab File: BF106930.D
Acq: 28 Jun 2018 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	84601		
105	125.5		101.1	141.1
77	92.6		70.7	110.7





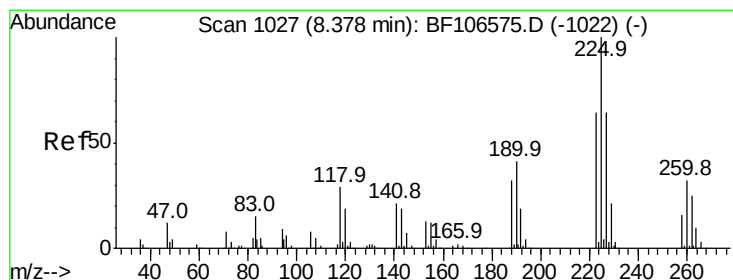
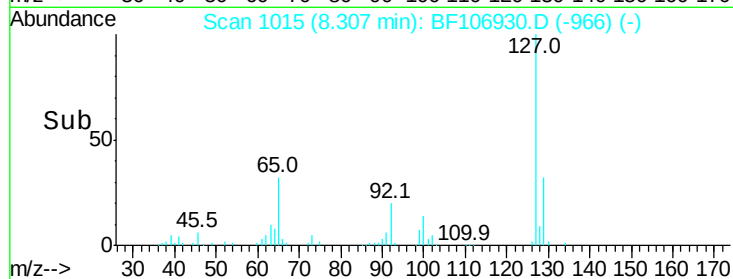
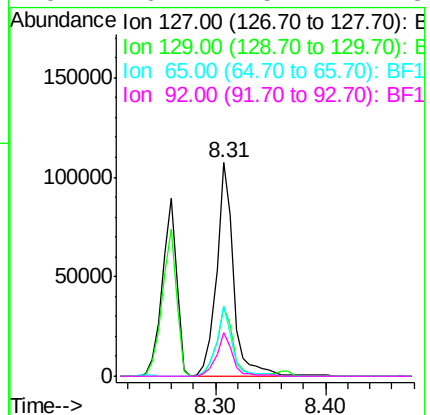
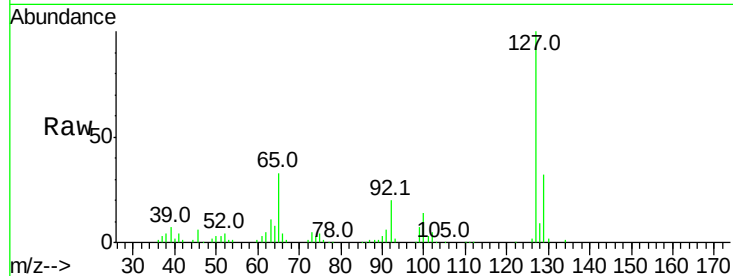
#33
4-Chloroaniline
Concen: 20.691 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF106930.D
Acq: 28 Jun 2018 19:35

Instrument :
BNA_F
ClientSampleId :
PB110673BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.1	25.9	38.9	
65	33.2	25.0	37.4	
92	20.2	15.2	22.8	

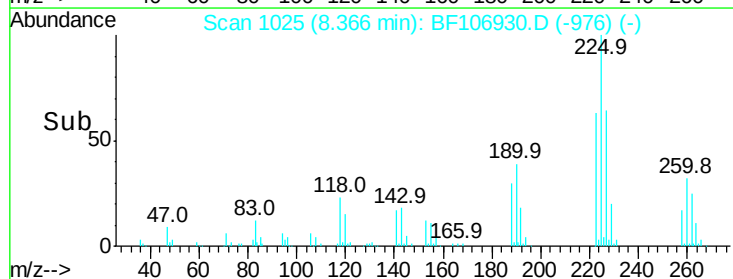
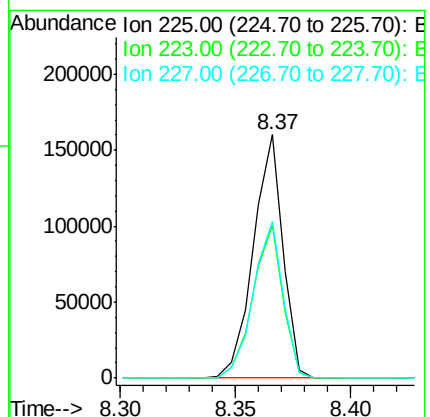
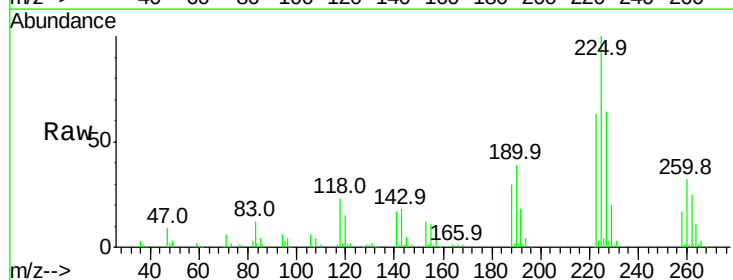
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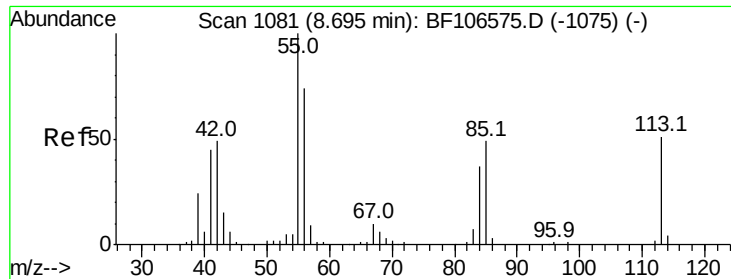
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#34
Hexachlorobutadiene
Concen: 50.856 ng
RT: 8.37 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF106930.D
Acq: 28 Jun 2018 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.9	50.6	76.0	
227	64.3	51.9	77.9	





#35

Caprolactam

Concen: 45.169 ng

RT: 8.69 min Scan# 1080

Delta R.T. -0.02 min

Lab File: BF106930.D

Acq: 28 Jun 2018 19:35

Instrument :

BNA_F

ClientSampleId :

PB110673BS

Tot Ion:113 Resp: 57979

Ion Ratio Lower Upper

113 100

55 177.2 163.3 203.3

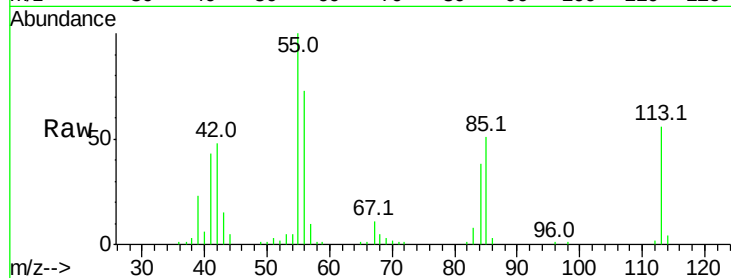
56 128.6 115.7 155.7

Manual Integrations

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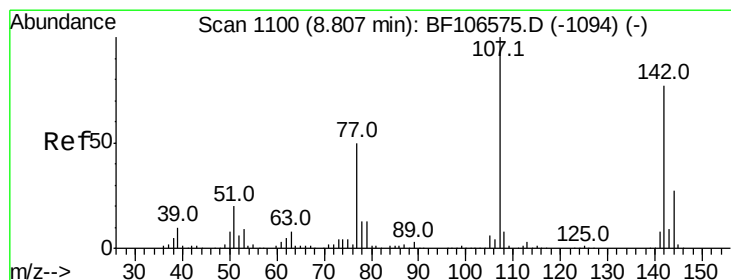
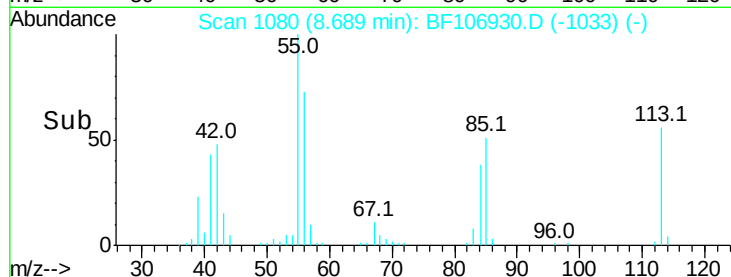
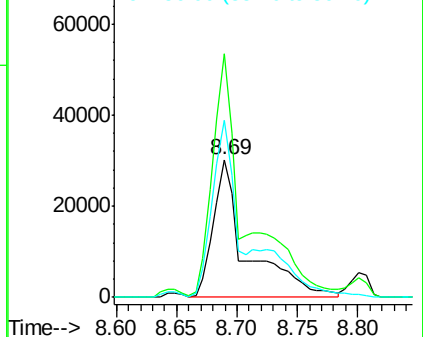
6/29/2018 2:30:42 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 48.330 ng

RT: 8.80 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BF106930.D

Acq: 28 Jun 2018 19:35

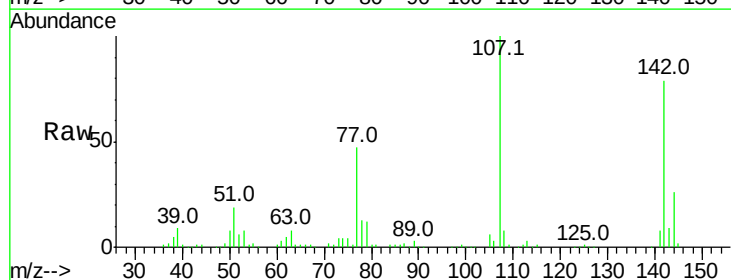
Tgt Ion:107 Resp: 200314

Ion Ratio Lower Upper

107 100

144 25.7 20.5 30.7

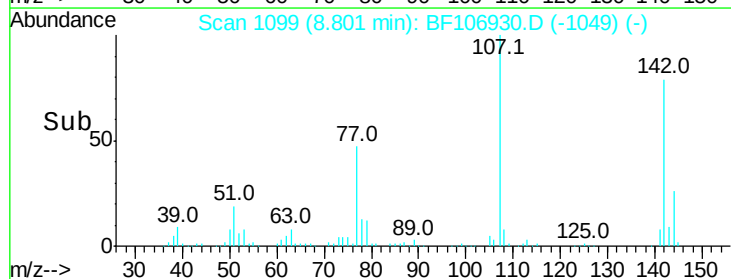
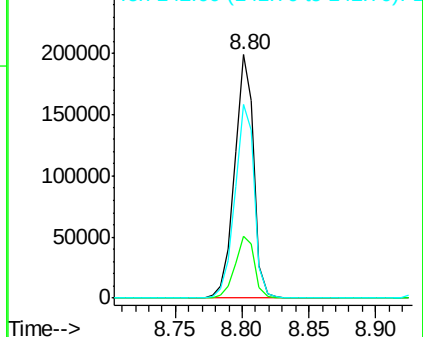
142 79.4 62.0 93.0

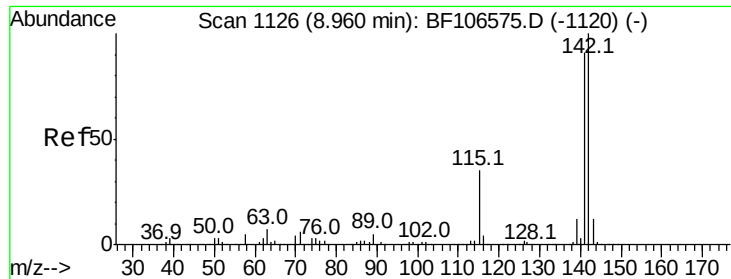


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





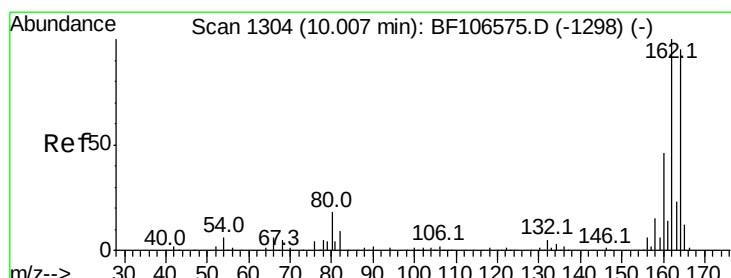
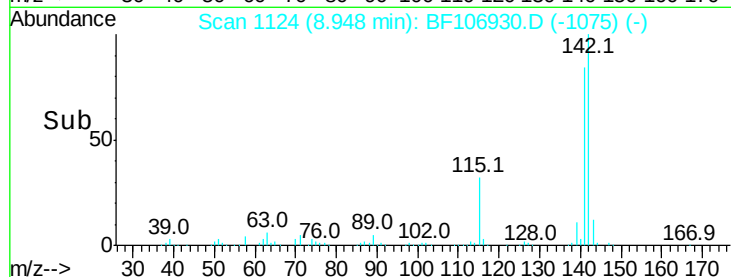
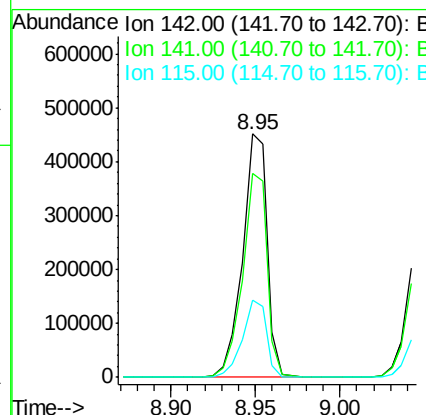
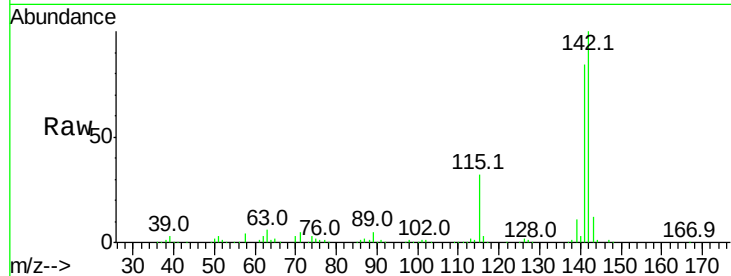
#37
2-Methylnaphthalene
Concen: 52.498 ng
RT: 8.95 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF106930.D
Acq: 28 Jun 2018 19:35

Instrument :
BNA_F
ClientSampleId :
PB110673BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	456479		
141	83.7	70.8	106.2	
115	31.8	26.1	39.1	

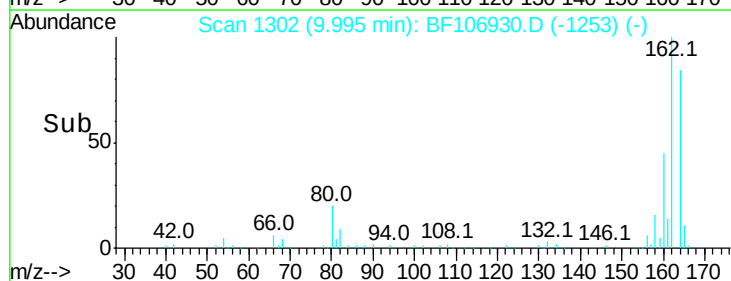
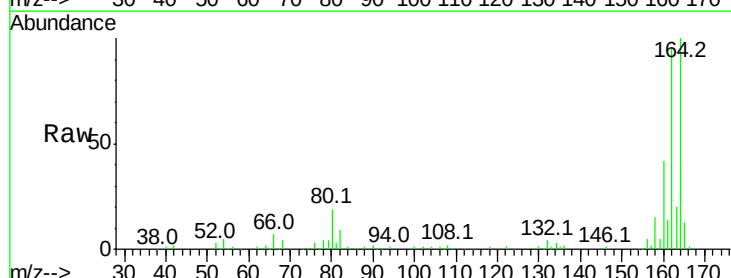
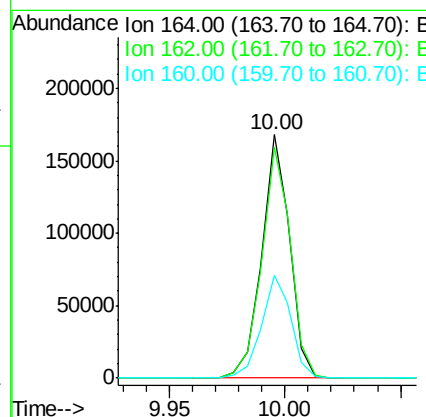
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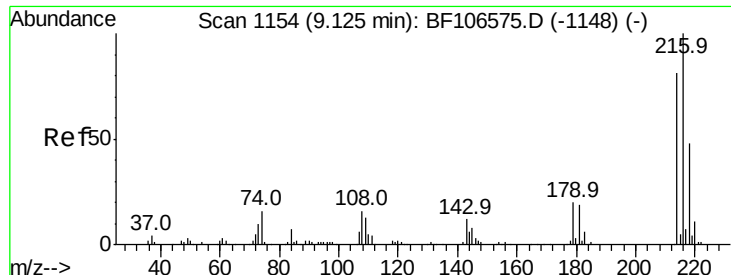
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF106930.D
Acq: 28 Jun 2018 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	141551		
162	94.6	86.1	129.1	
160	42.2	38.3	57.5	





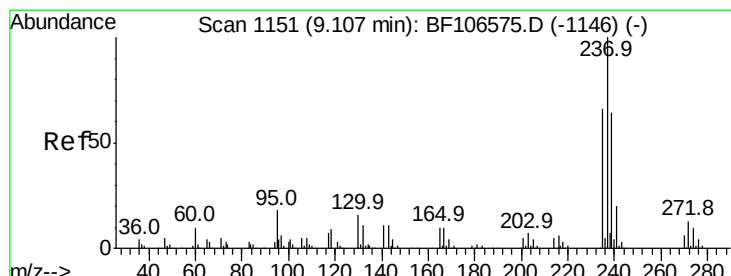
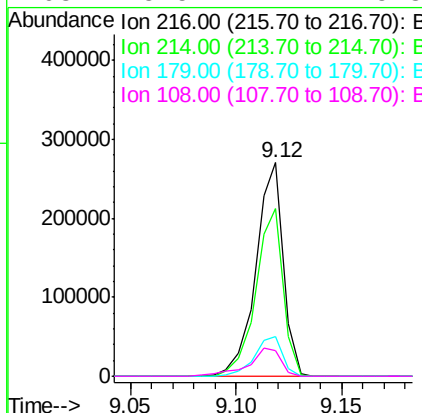
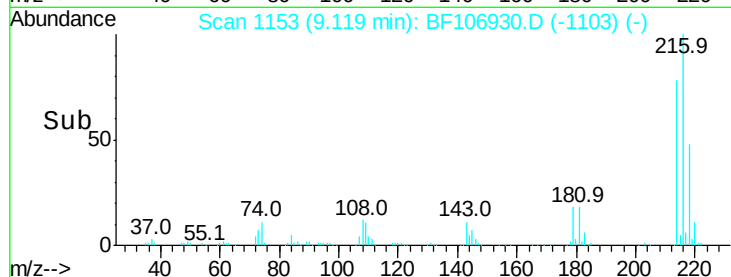
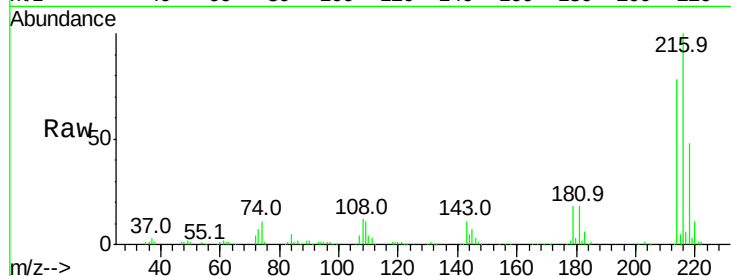
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 51.159 ng
 RT: 9.12 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF106930.D
 Acq: 28 Jun 2018 19:35

Instrument :
 BNA_F
 ClientSampleId :
 PB110673BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.8	63.0	94.4
179	19.0	18.1	27.1
108	15.5	17.2	25.8#

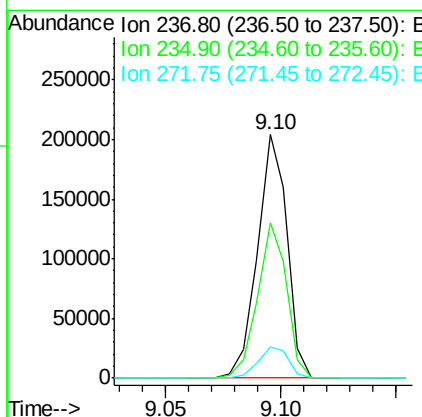
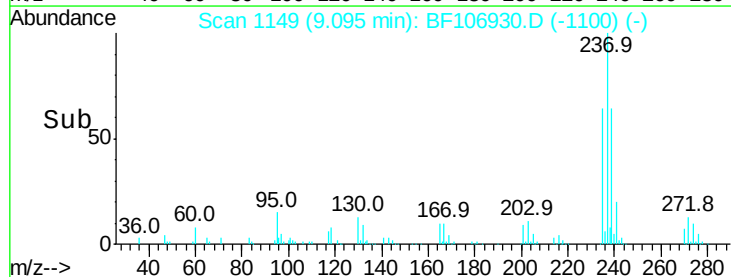
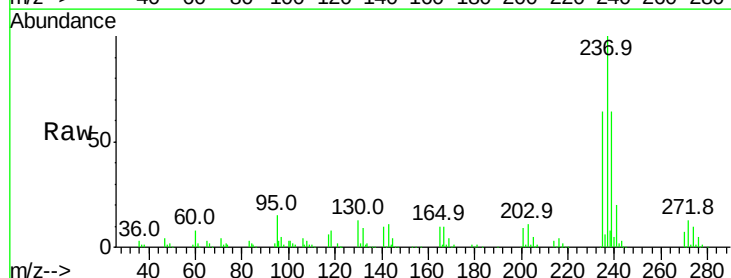
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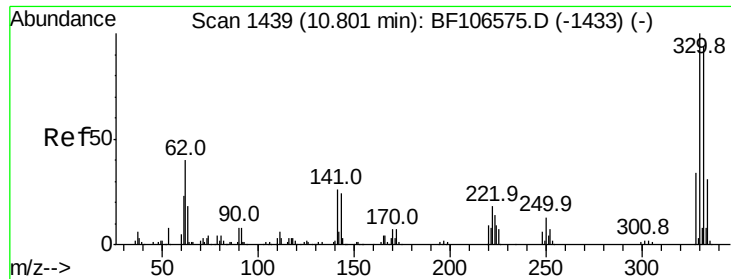
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#40
 Hexachlorocyclopentadiene
 Concen: 74.268 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF106930.D
 Acq: 28 Jun 2018 19:35

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.9	44.8	84.8
272	13.0	0.0	33.3





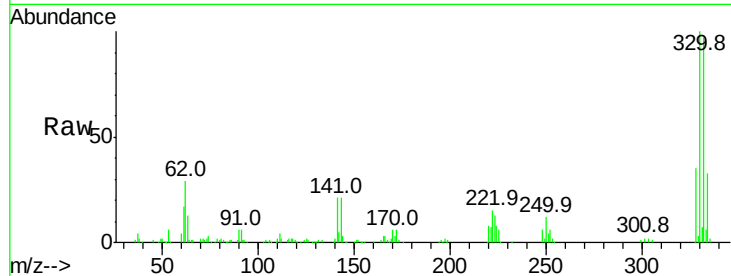
#41
 2,4,6-Tribromophenol
 Concen: 143.836 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106930.D
 Acq: 28 Jun 2018 19:35

Instrument :
 BNA_F
 ClientSampleId :
 PB110673BS

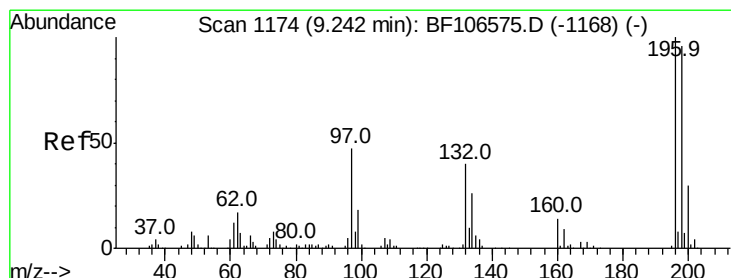
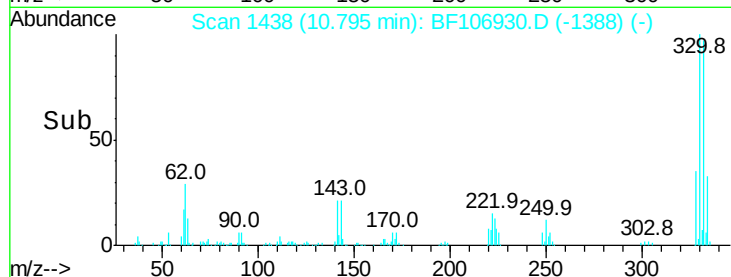
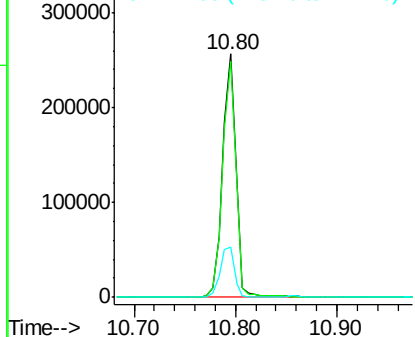
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.3	77.0	115.6	
141	22.5	29.9	44.9	

Manual Integrations
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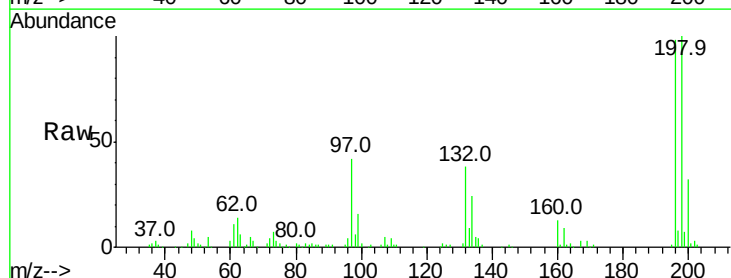


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

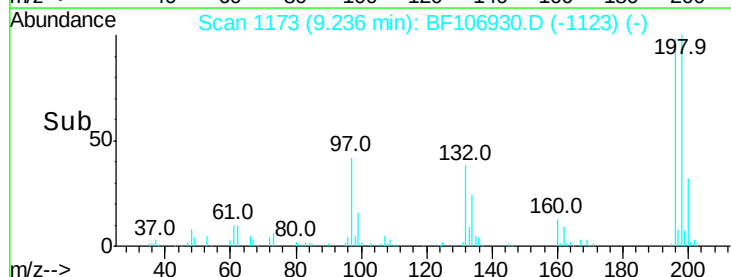
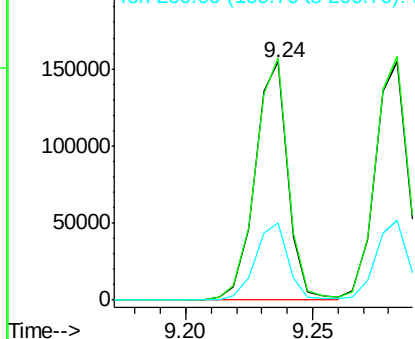


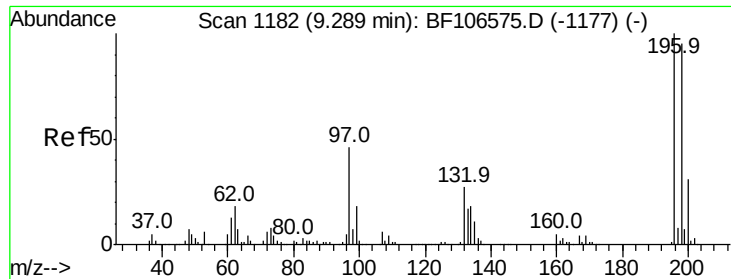
#42
 2,4,6-Trichlorophenol
 Concen: 44.362 ng
 RT: 9.24 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF106930.D
 Acq: 28 Jun 2018 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	102.0	75.7	113.5	
200	32.7	24.5	36.7	



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





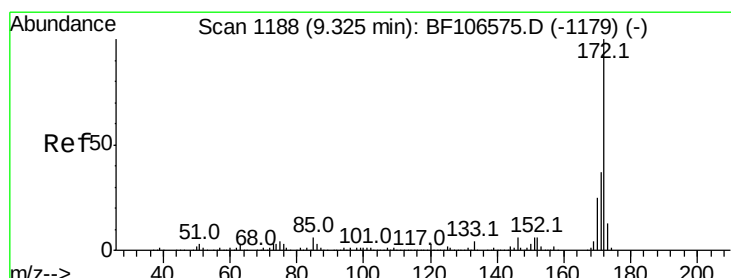
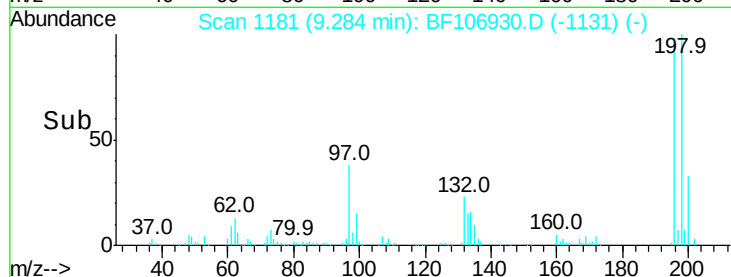
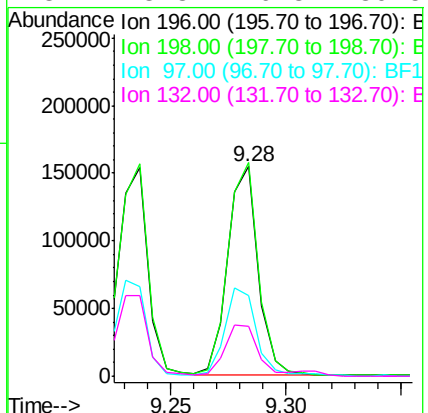
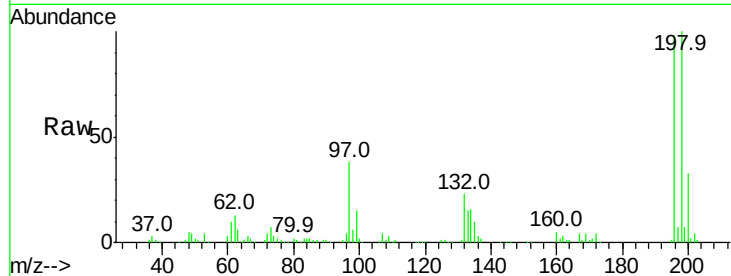
#43
 2,4,5-Trichlorophenol
 Concen: 42.674 ng m
 RT: 9.28 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF106930.D
 Acq: 28 Jun 2018 19:35

Instrument :
 BNA_F
 ClientSampleId :
 PB110673BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	141099		
198	102.0	74.6	112.0	
97	38.3	42.9	64.3	#
132	23.8	26.3	39.5	#

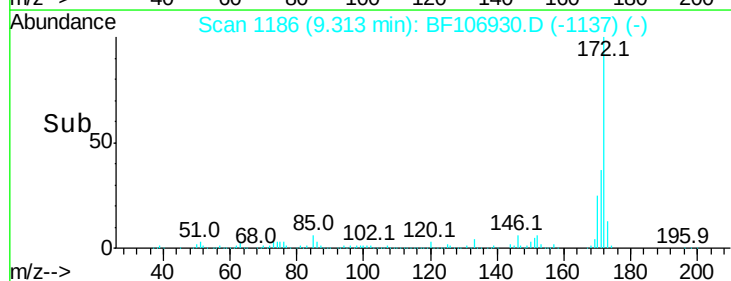
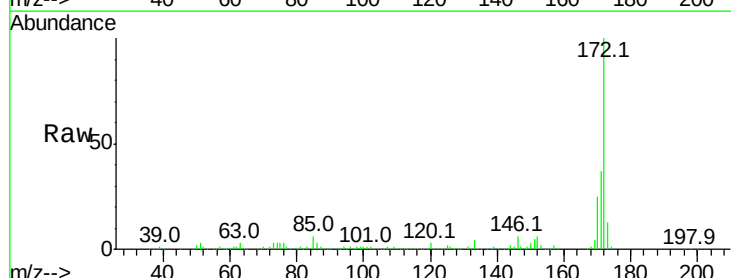
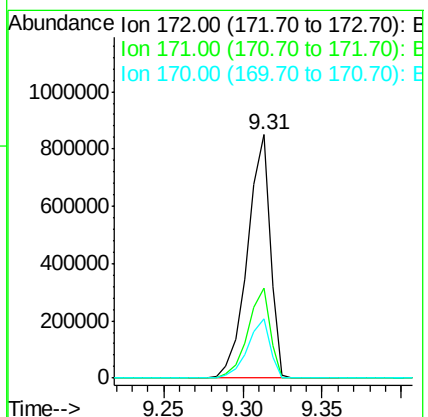
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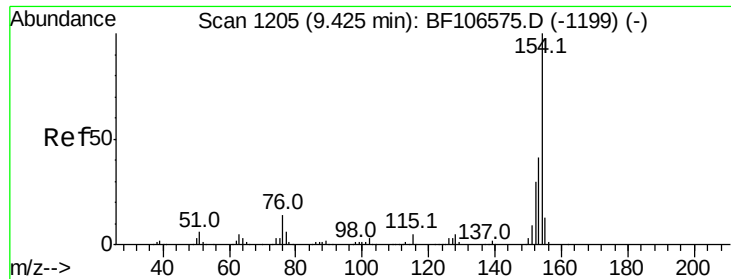
Sohil
 6/29/2018 2:30:42 PM



#44
 2-Fluorobiphenyl
 Concen: 104.023 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106930.D
 Acq: 28 Jun 2018 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	842314		
171	36.9	29.7	44.5	
170	24.5	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 48.579 ng

RT: 9.41 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF106930.D

Acq: 28 Jun 2018 19:35

Instrument :

BNA_F

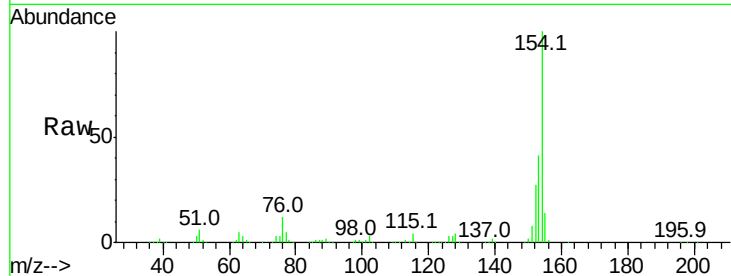
ClientSampleId :

PB110673BS

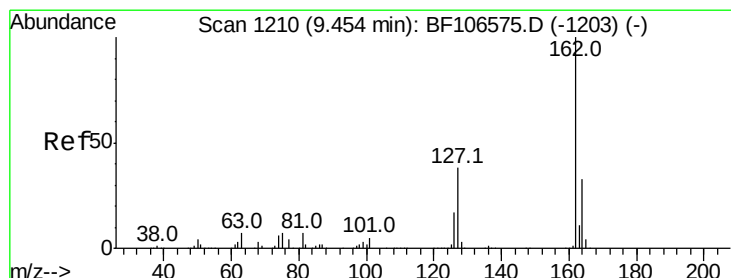
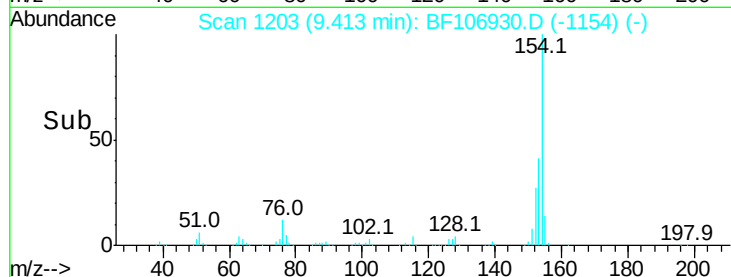
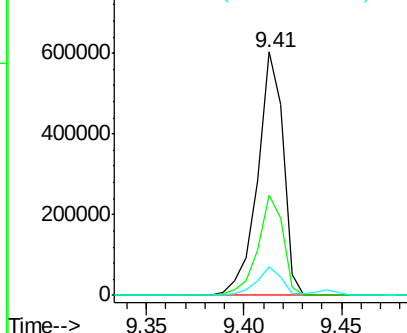
Tot Ion:	154	Resp:	548016
Ion Ratio	Lower	Upper	
154	100		
153	41.1	21.3	61.3
76	11.8	0.0	34.0

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



#46

2-Chloronaphthalene

Concen: 45.756 ng

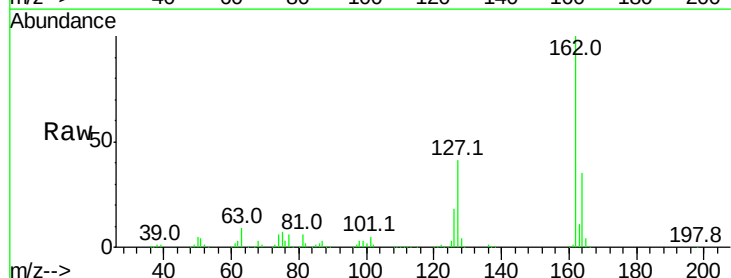
RT: 9.44 min Scan# 1208

Delta R.T. -0.01 min

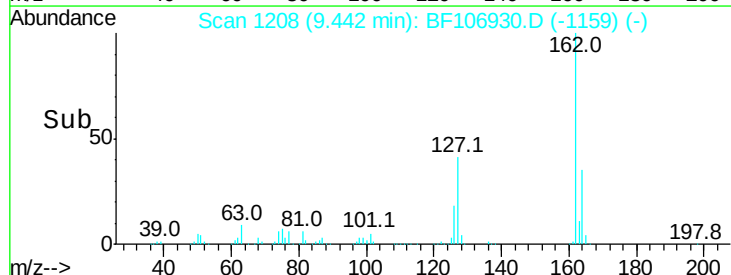
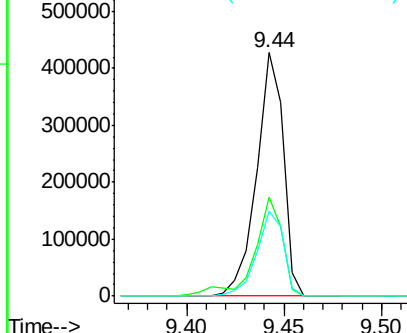
Lab File: BF106930.D

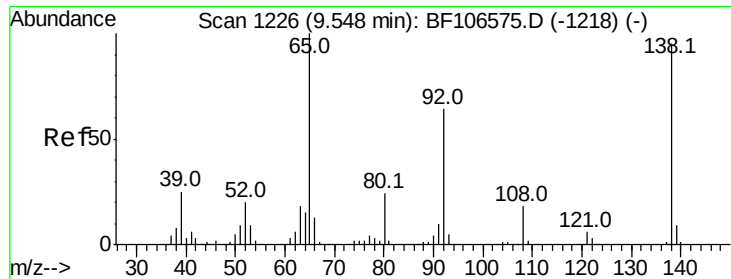
Acq: 28 Jun 2018 19:35

Tgt Ion:	162	Resp:	406296
Ion Ratio	Lower	Upper	
162	100		
127	40.5	33.9	50.9
164	35.0	26.5	39.7



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





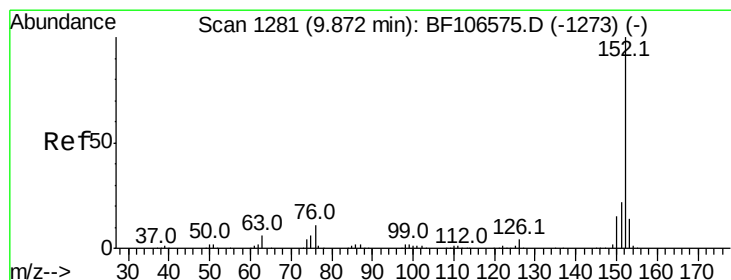
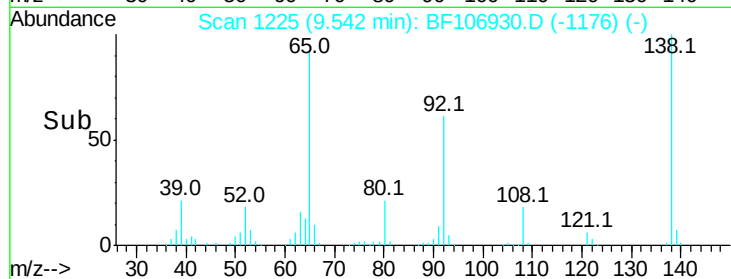
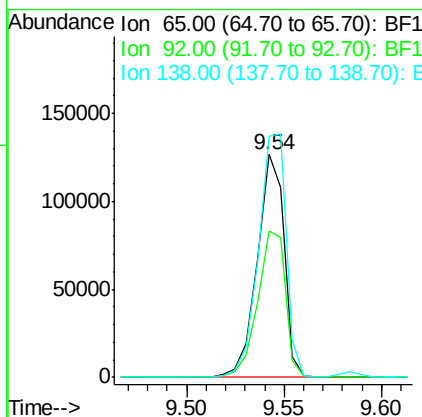
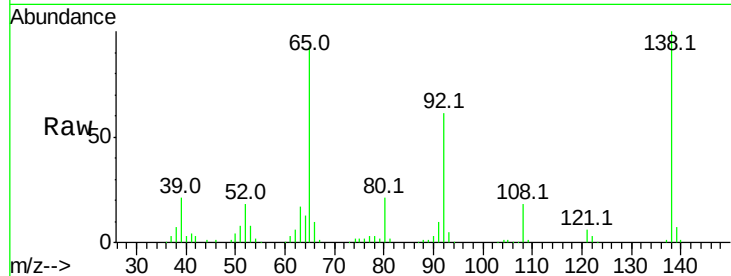
#47
2-Nitroaniline
Concen: 40.273 ng
RT: 9.54 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF106930.D
Acq: 28 Jun 2018 19:35

Instrument :
BNA_F
ClientSampleId :
PB110673BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.9	55.8	83.6
138	108.0	91.2	136.8

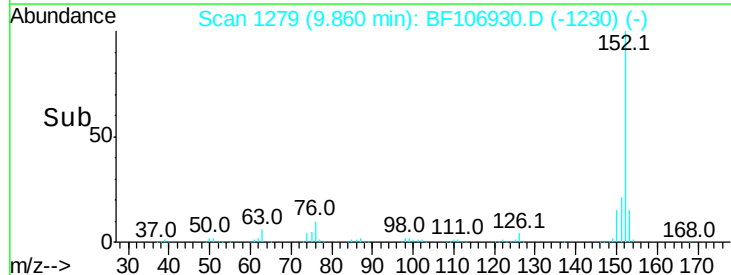
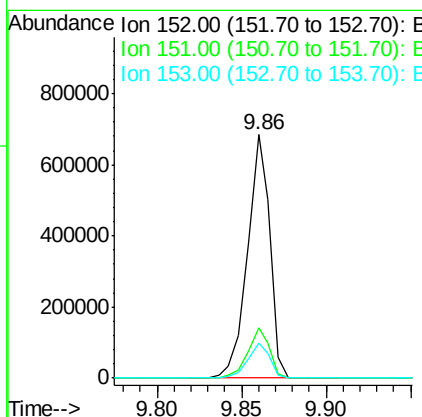
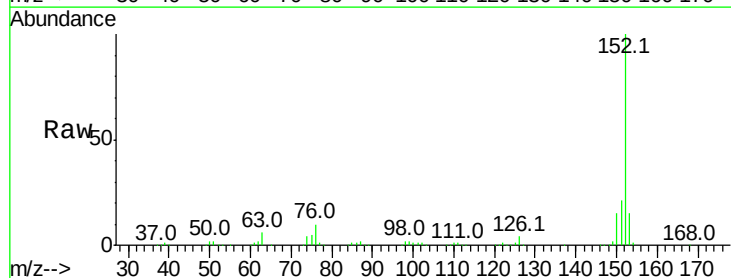
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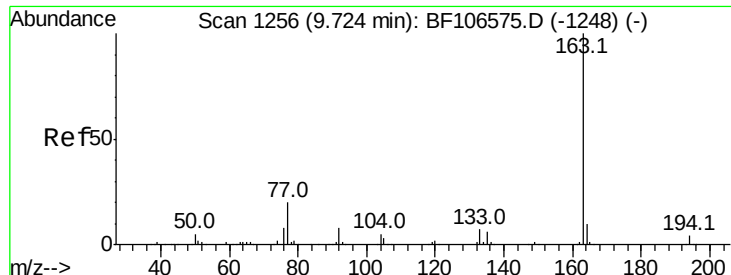
Sohil
6/29/2018 2:30:42 PM



#48
Acenaphthylene
Concen: 45.349 ng
RT: 9.86 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF106930.D
Acq: 28 Jun 2018 19:35

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	14.6	10.7	16.1





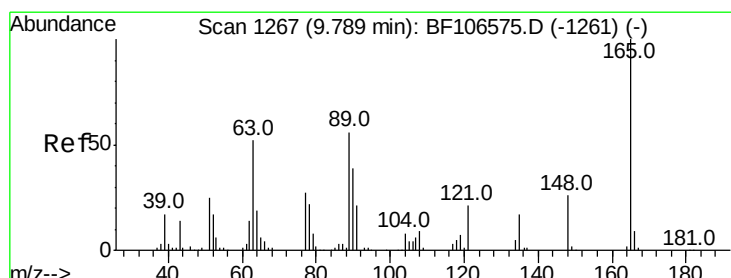
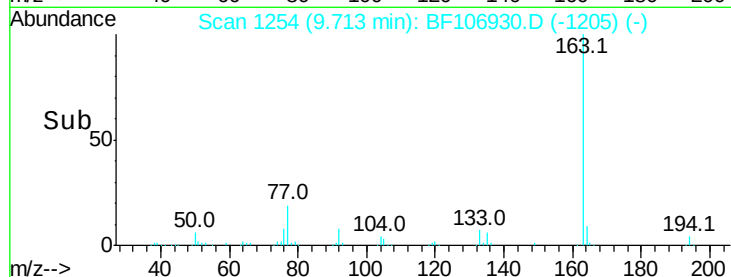
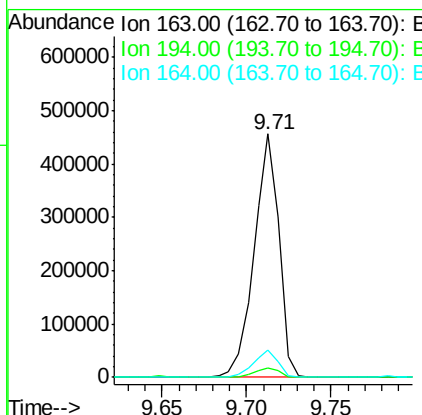
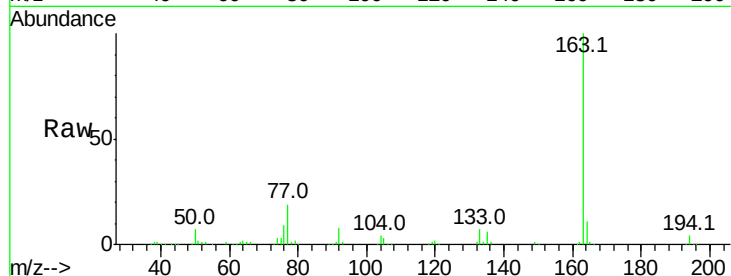
#49
 Dimethylphthalate
 Concen: 43.918 ng
 RT: 9.71 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BF106930.D
 Acq: 28 Jun 2018 19:35

Instrument :
 BNA_F
 ClientSampleId :
 PB110673BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	466257		
194	3.9		2.7	4.1
164	11.0		8.2	12.2

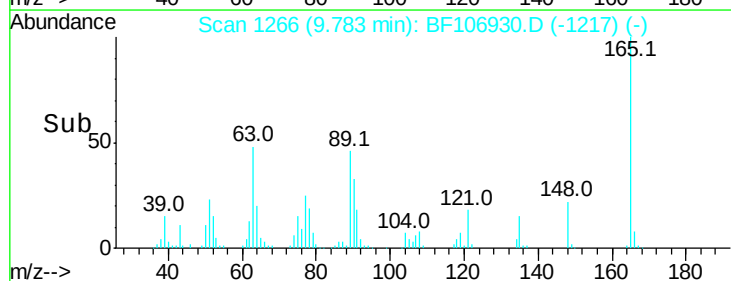
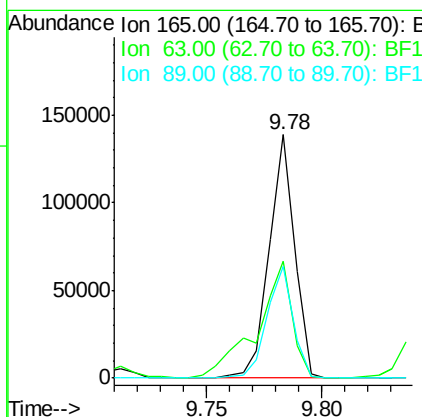
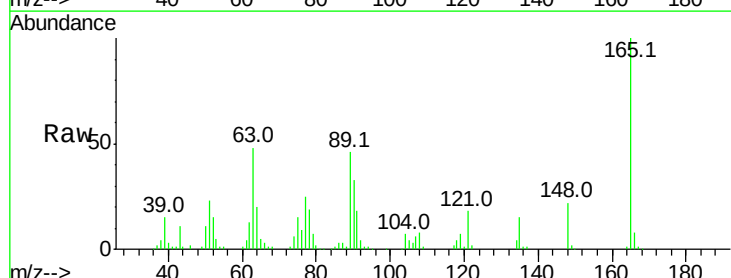
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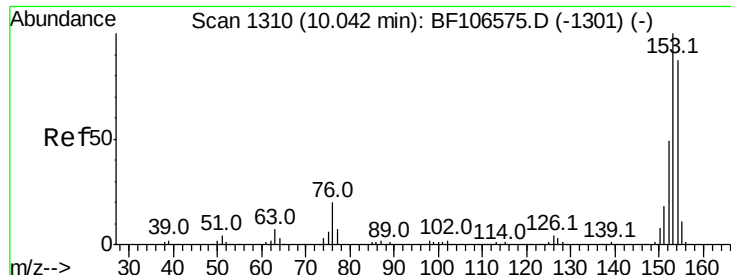
Sohil
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#50
 2,6-Dinitrotoluene
 Concen: 47.517 ng
 RT: 9.78 min Scan# 1266
 Delta R.T. -0.01 min
 Lab File: BF106930.D
 Acq: 28 Jun 2018 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	106822		
63	48.0		44.7	67.1
89	46.1		44.0	66.0





#51

Acenaphthene

Concen: 43.431 ng

RT: 10.03 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF106930.D

Acq: 28 Jun 2018 19:35

Instrument :

BNA_F

ClientSampleId :

PB110673BS

Tot Ion:154 Resp: 383416

Ion Ratio Lower Upper

154 100

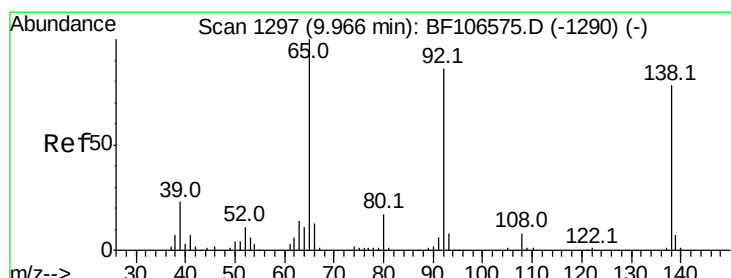
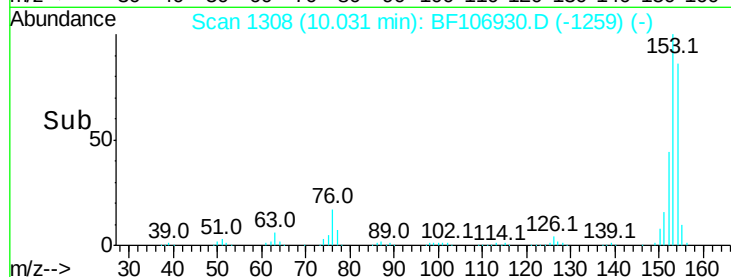
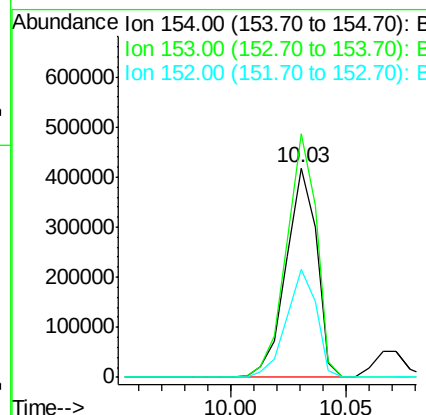
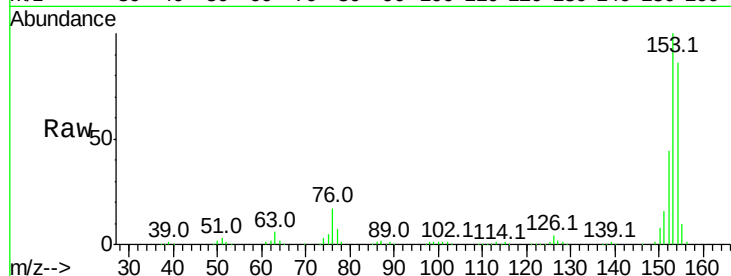
153 116.2 91.2 136.8

152 51.3 43.8 65.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 24.943 ng

RT: 9.95 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BF106930.D

Acq: 28 Jun 2018 19:35

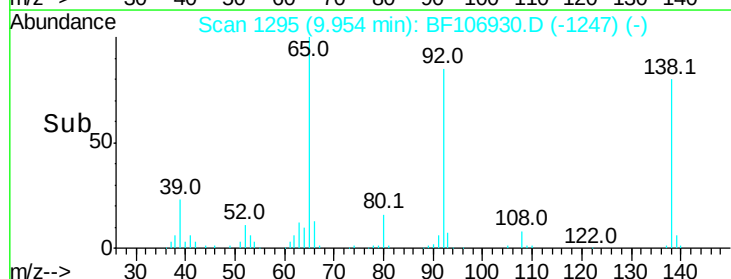
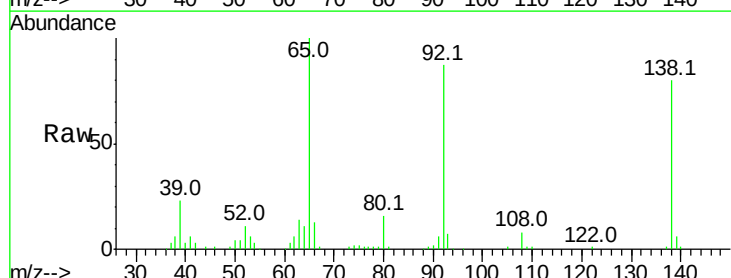
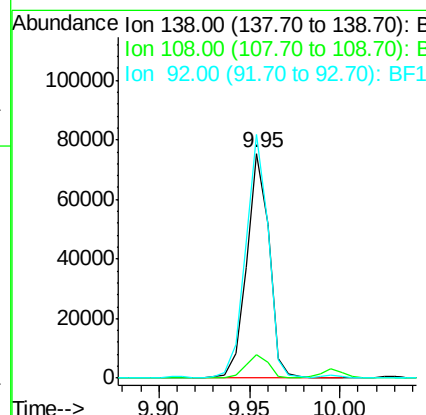
Tgt Ion:138 Resp: 64527

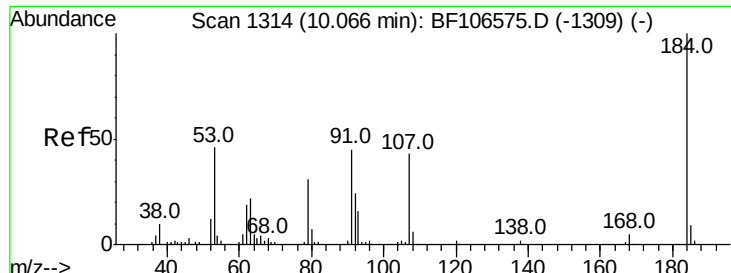
Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

92 108.5 89.4 134.2





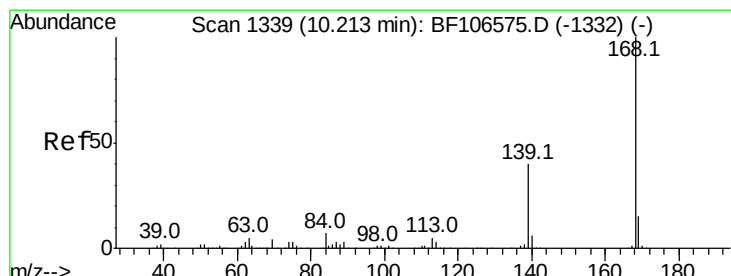
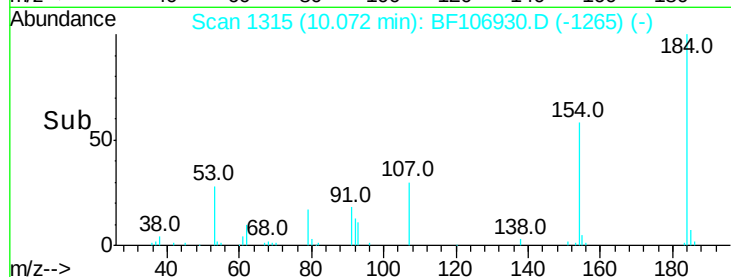
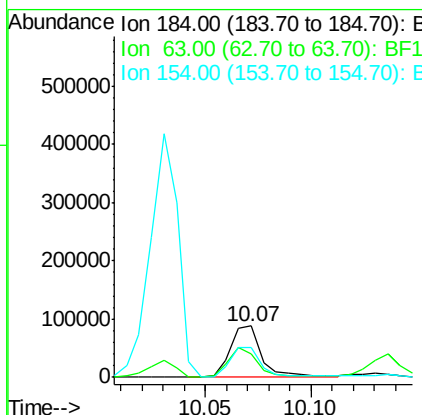
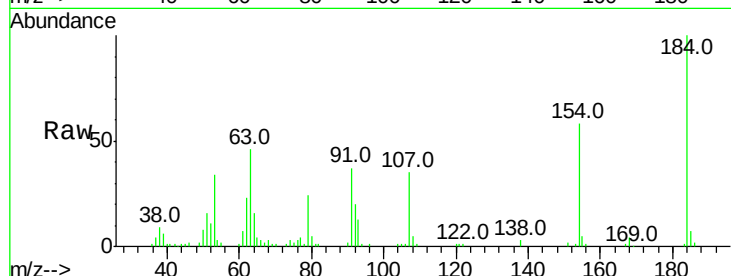
#53
 2,4-Dinitrophenol
 Concen: 78.486 ng
 RT: 10.07 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF106930.D
 Acq: 28 Jun 2018 19:35

Instrument :
 BNA_F
 ClientSampled :
 PB110673BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	46.4	54.2	81.2#	
154	58.2	184.0	276.0#	

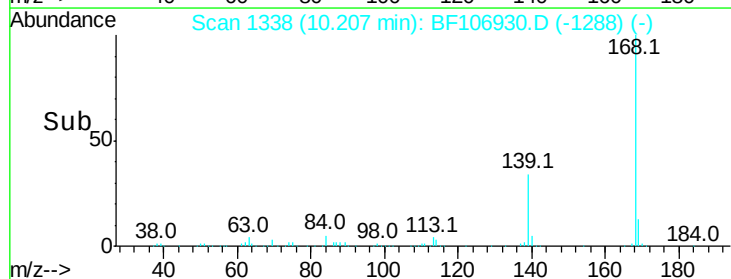
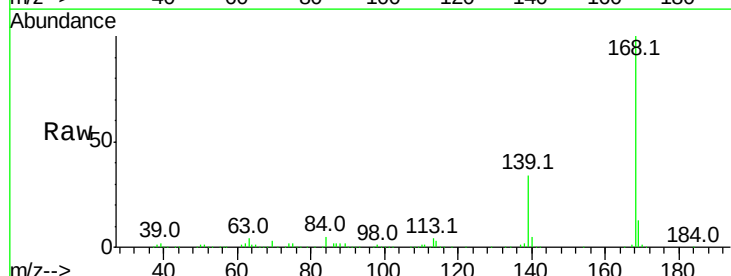
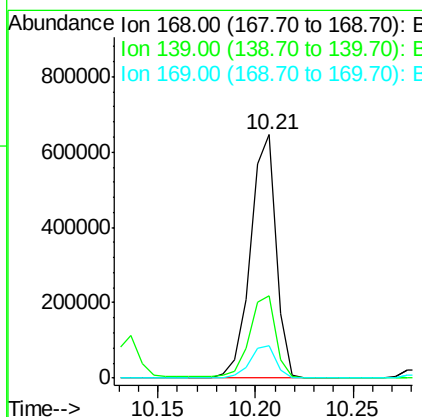
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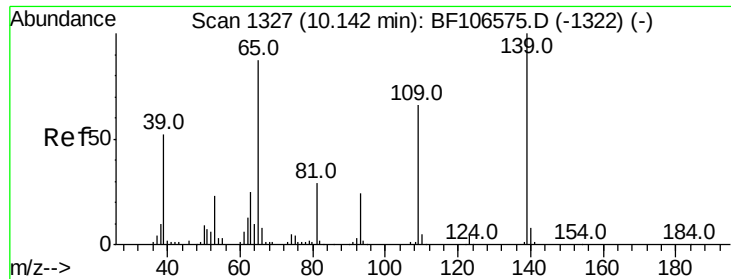
Sohil
 6/29/2018 2:30:42 PM



#54
 Dibenzofuran
 Concen: 48.552 ng
 RT: 10.21 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF106930.D
 Acq: 28 Jun 2018 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	33.9	30.1	45.1	
169	13.2	10.9	16.3	





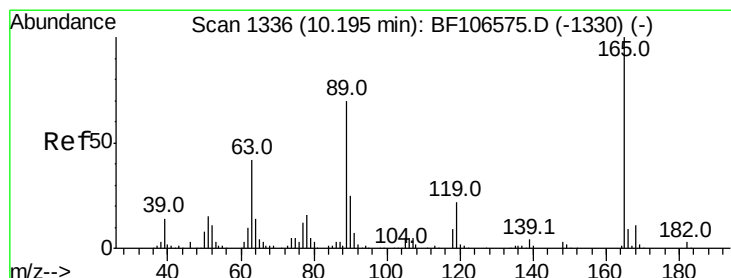
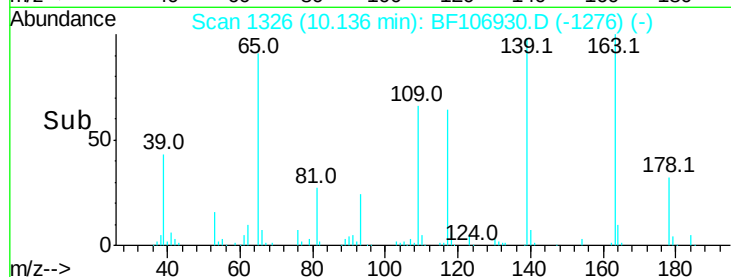
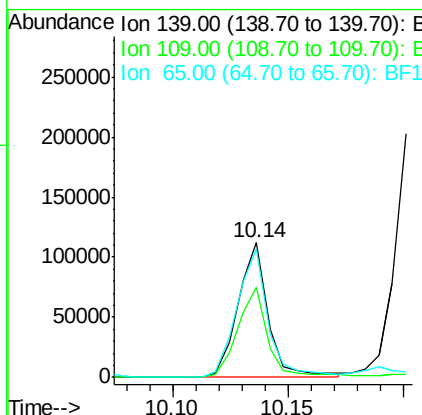
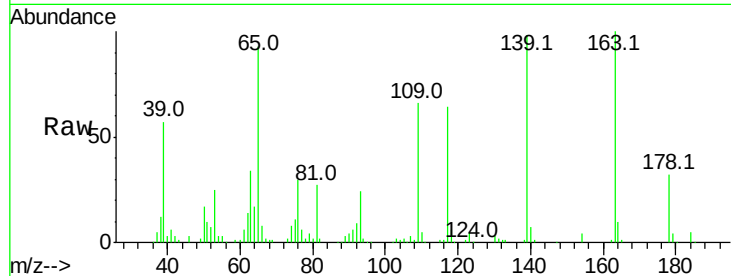
#55
4-Nitrophenol
Concen: 56.842 ng
RT: 10.14 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF106930.D
Acq: 28 Jun 2018 19:35

Instrument :
BNA_F
ClientSampled :
PB110673BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	67.3	48.4	88.4
65	95.1	72.6	112.6

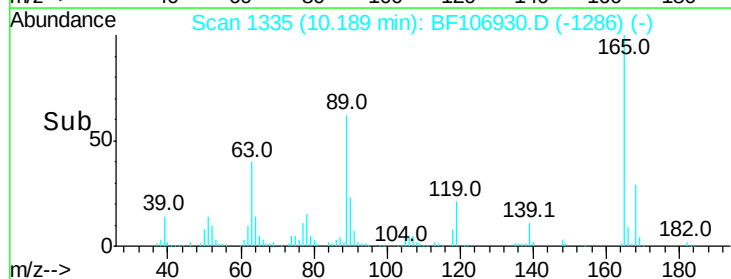
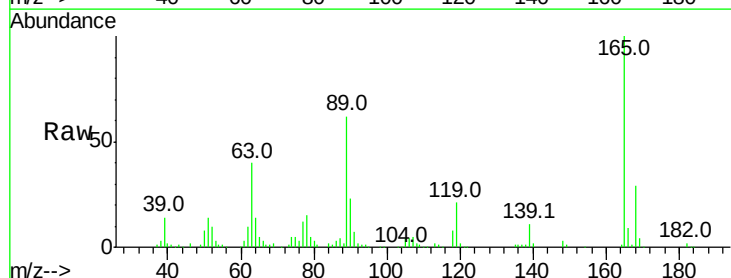
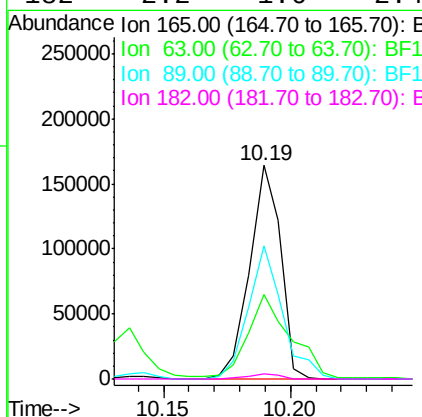
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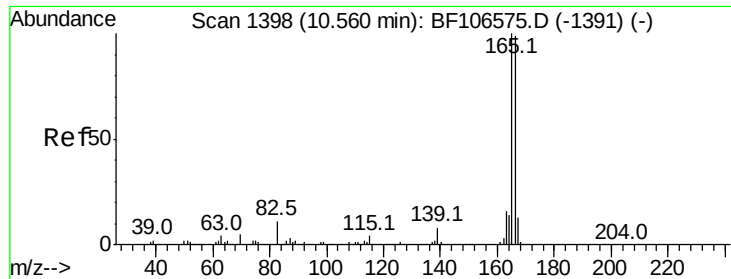
Sohil
6/29/2018 2:30:42 PM



#56
2,4-Dinitrotoluene
Concen: 47.746 ng
RT: 10.19 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF106930.D
Acq: 28 Jun 2018 19:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	39.6	36.4	54.6
89	62.1	57.8	86.6
182	2.2	1.6	2.4





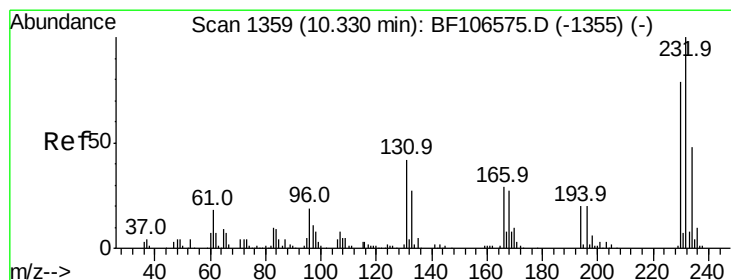
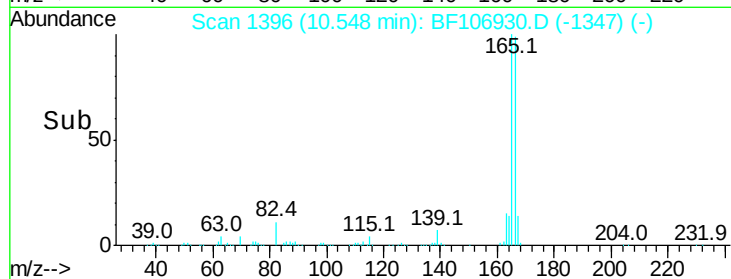
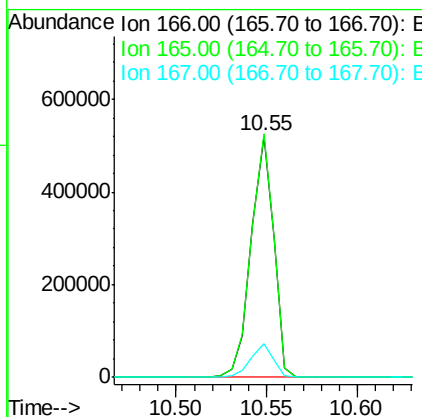
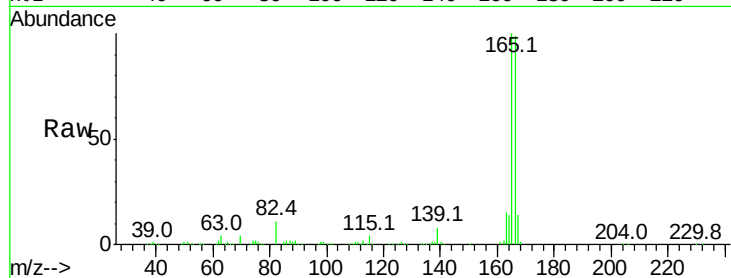
#57
Fluorene
Concen: 47.144 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF106930.D
Acq: 28 Jun 2018 19:35

Instrument :
BNA_F
ClientSampleId :
PB110673BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.0	79.8	119.8
167	13.8	10.6	16.0

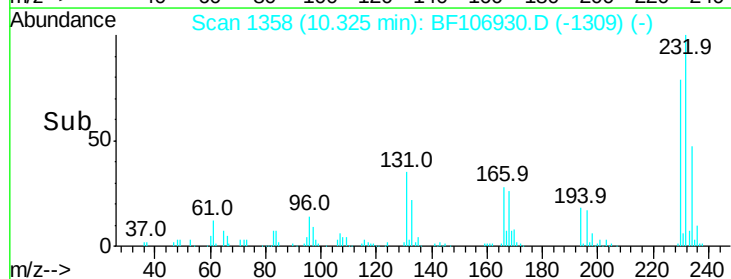
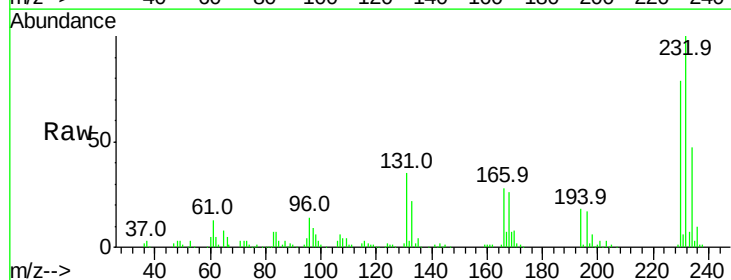
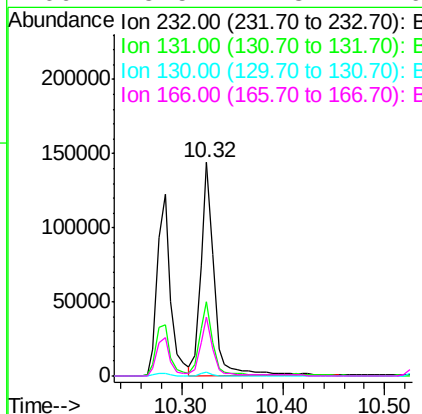
Manual Integrations
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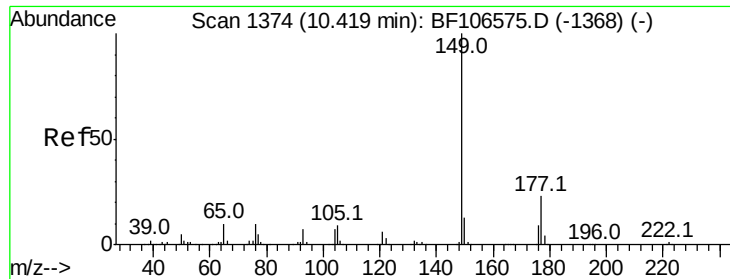
Sohil
6/29/2018 2:30:42 PM



#58
2,3,4,6-Tetrachlorophenol
Concen: 49.152 ng
RT: 10.32 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF106930.D
Acq: 28 Jun 2018 19:35

Tgt Ion	Ratio	Lower	Upper
232	100		
131	33.6	43.8	65.8#
130	1.6	2.1	3.1#
166	25.5	27.8	41.6#





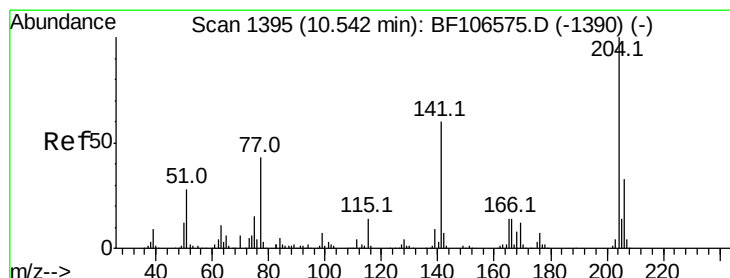
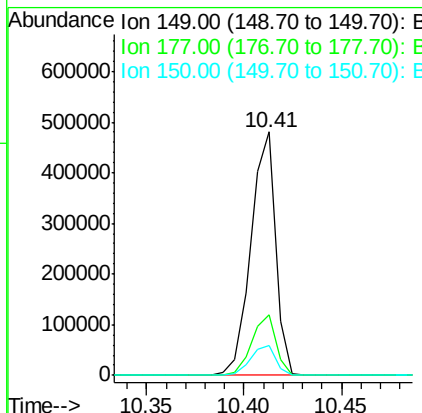
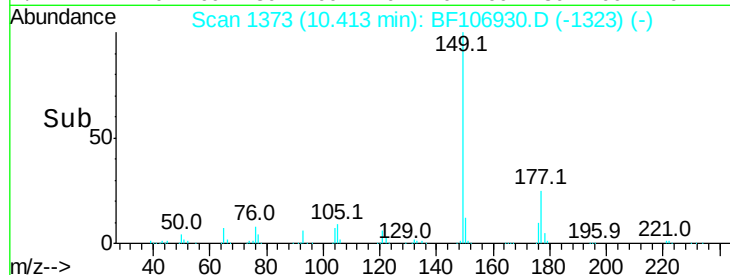
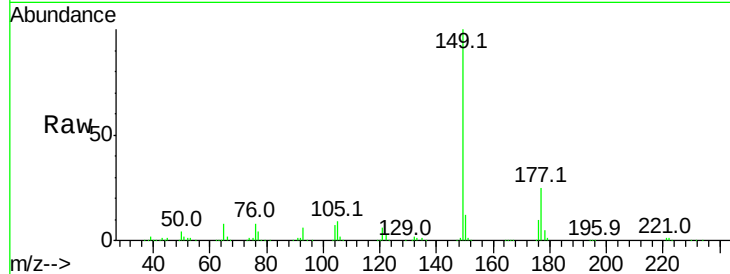
#59
Diethylphthalate
Concen: 41.336 ng
RT: 10.41 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF106930.D
Acq: 28 Jun 2018 19:35

Instrument :
BNA_F
ClientSampleId :
PB110673BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	25.1	16.1	24.1#
150	12.4	10.1	15.1

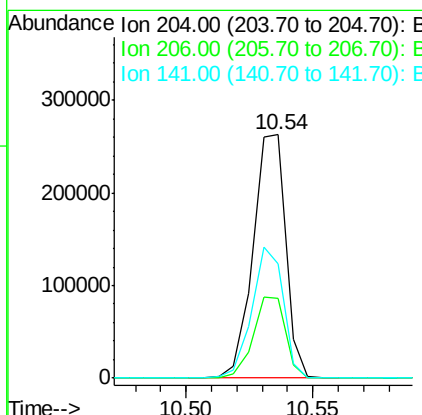
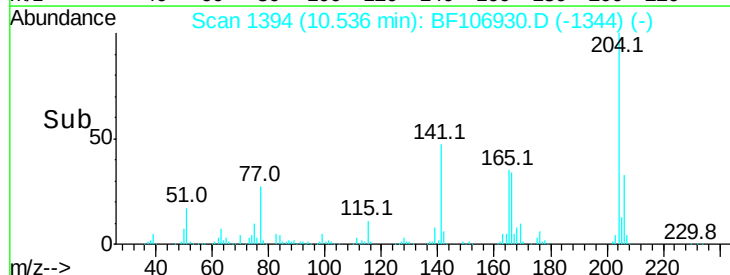
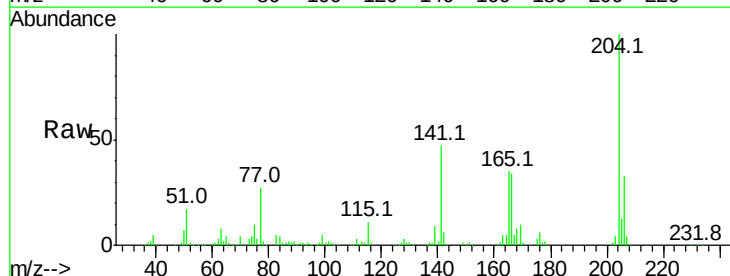
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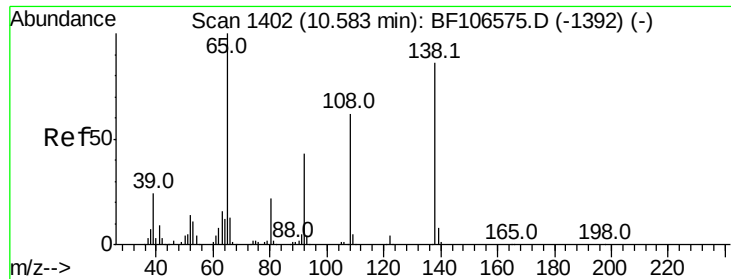
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 47.270 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF106930.D
Acq: 28 Jun 2018 19:35

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.5	39.7
141	47.0	54.6	81.8#





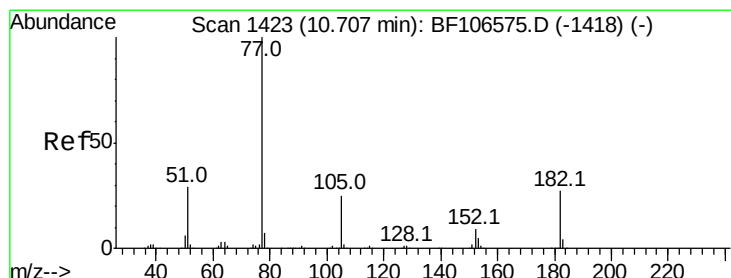
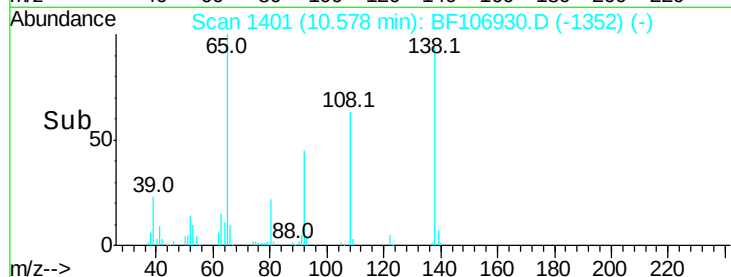
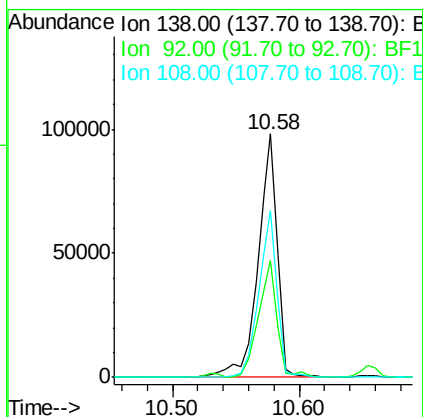
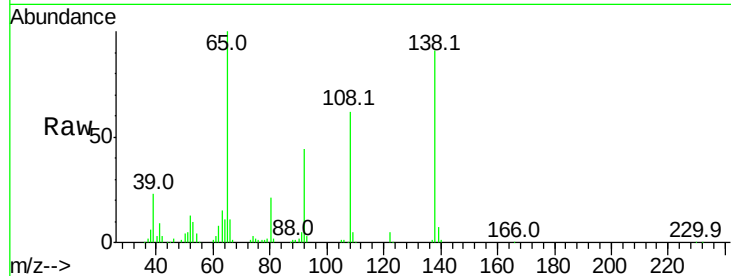
#61
4-Nitroaniline
Concen: 40.790 ng
RT: 10.58 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF106930.D
Acq: 28 Jun 2018 19:35

Instrument :
BNA_F
ClientSampled :
PB110673BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.2	30.2	70.2
108	68.3	52.5	92.5

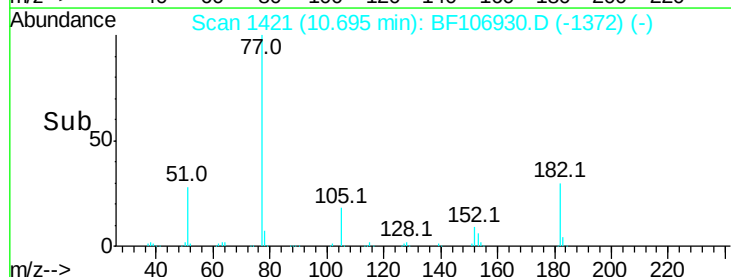
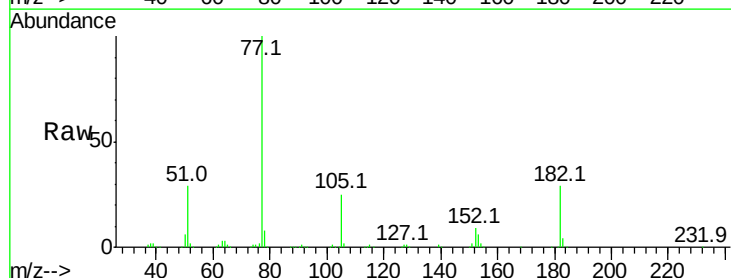
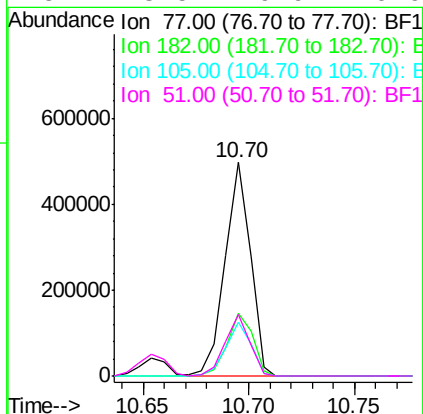
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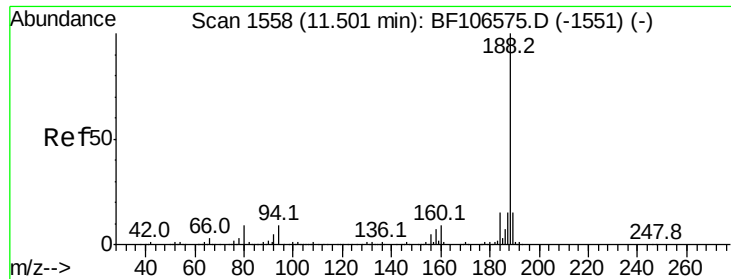
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#62
Azobenzene
Concen: 40.666 ng
RT: 10.70 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF106930.D
Acq: 28 Jun 2018 19:35

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.2	1.7	41.7
105	25.0	3.0	43.0
51	28.5	9.9	49.9





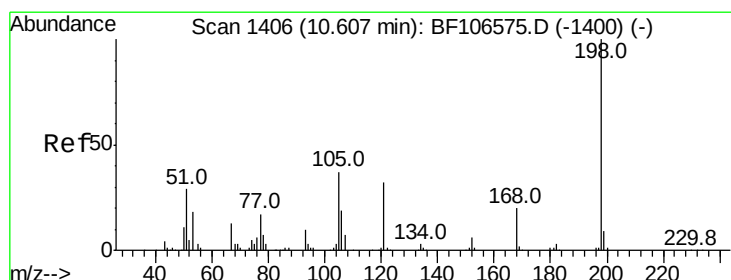
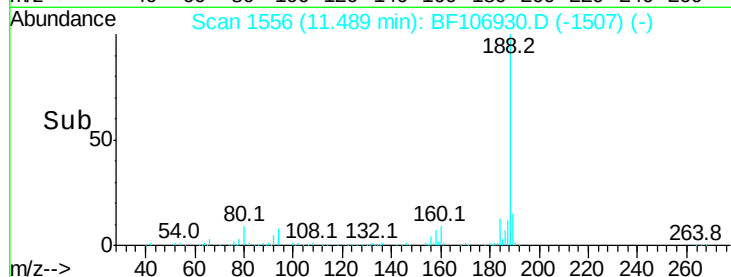
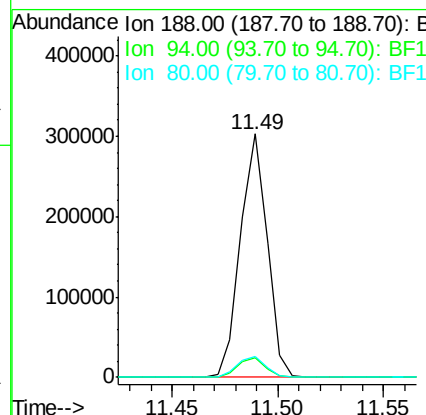
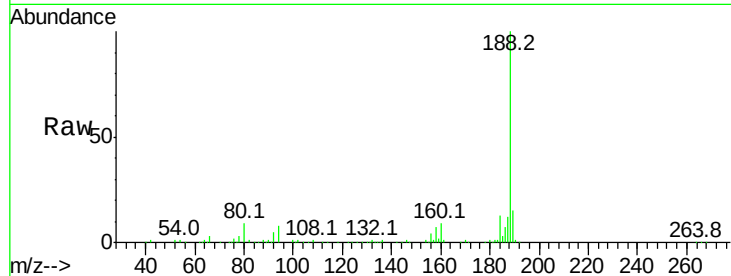
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106930.D
Acq: 28 Jun 2018 19:35

Instrument :
BNA_F
ClientSampleId :
PB110673BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	264734		
94	8.1		8.5	12.7#
80	8.6		9.2	13.8#

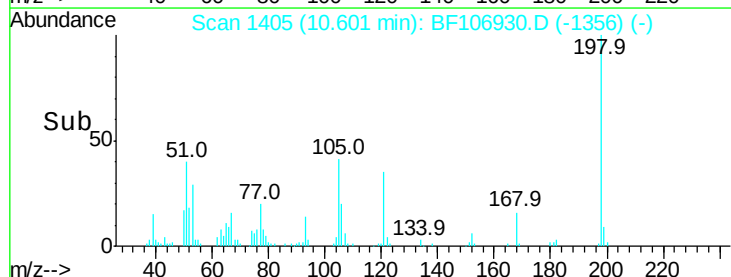
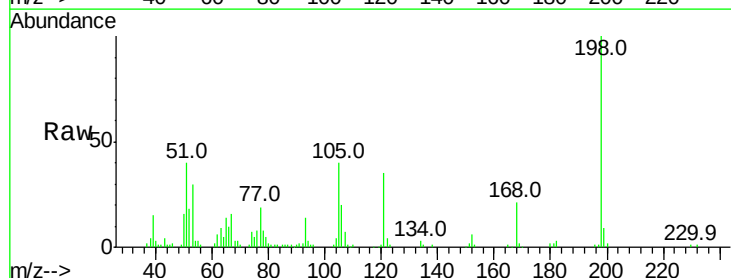
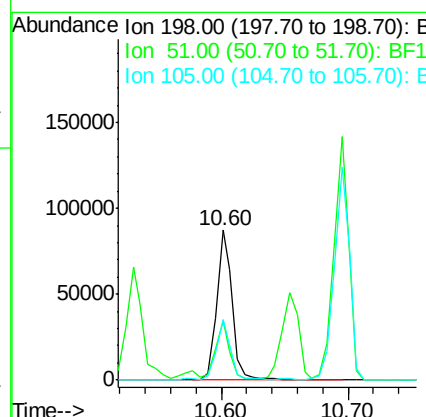
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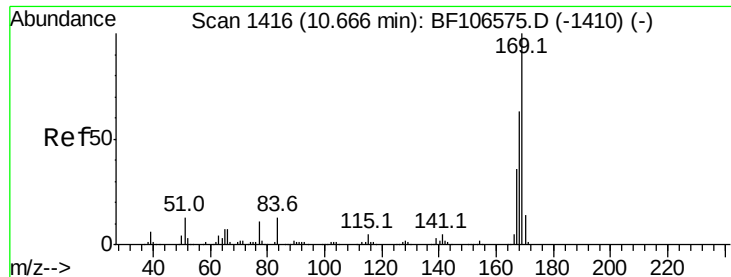
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#64
4,6-Dinitro-2-methylphenol
Concen: 46.716 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF106930.D
Acq: 28 Jun 2018 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	76448		
51	39.6		37.7	77.7
105	40.0		36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 43.916 ng

RT: 10.65 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BF106930.D

Acq: 28 Jun 2018 19:35

Instrument :

BNA_F

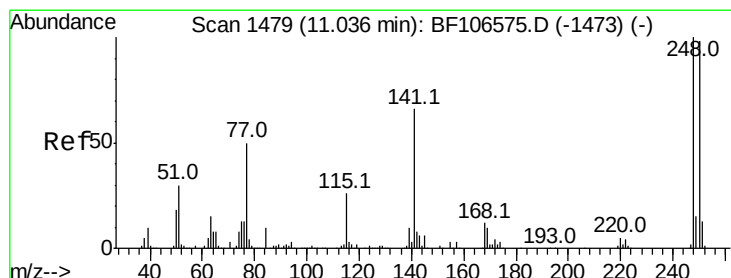
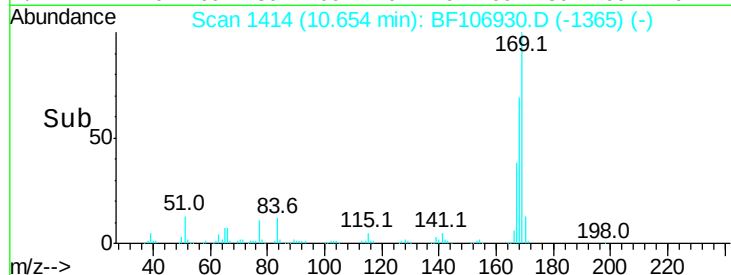
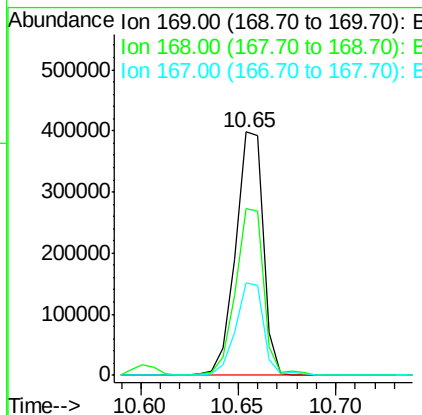
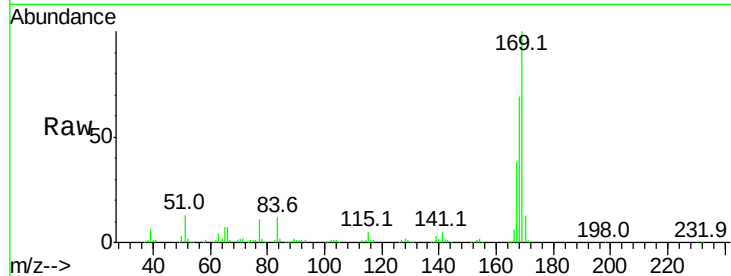
ClientSampleId :

PB110673BS

Tot Ion:	169	Resp:	391047
Ion Ratio	Lower	Upper	
169	100		
168	68.7	54.4	81.6
167	38.2	29.8	44.6

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#66

4-Bromophenyl-phenylether

Concen: 51.721 ng

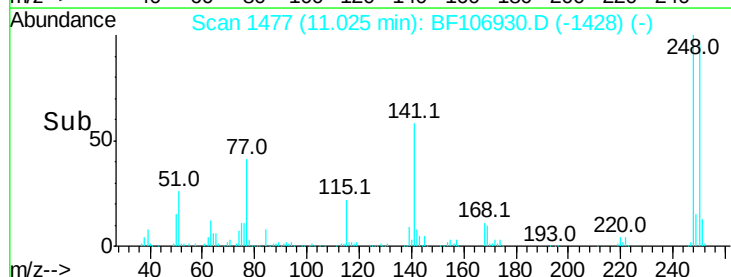
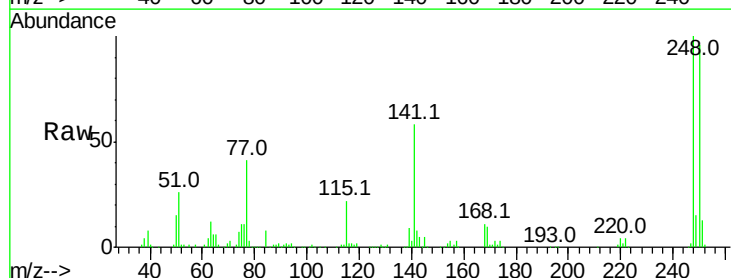
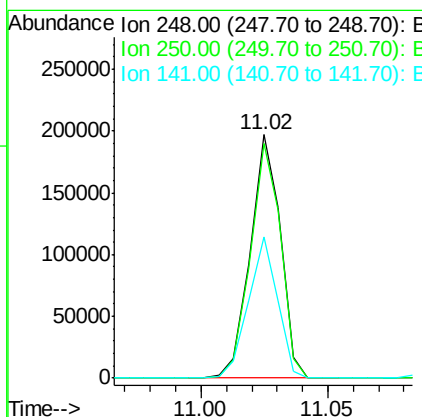
RT: 11.02 min Scan# 1477

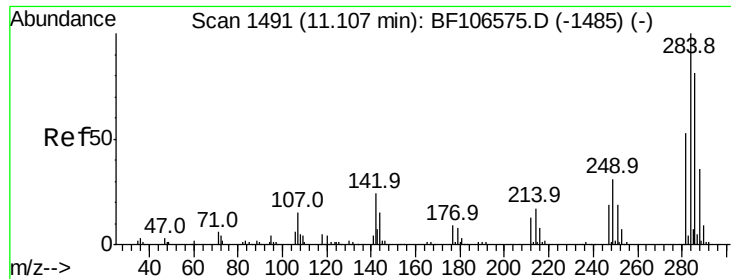
Delta R.T. -0.01 min

Lab File: BF106930.D

Acq: 28 Jun 2018 19:35

Tgt Ion:	248	Resp:	163411
Ion Ratio	Lower	Upper	
248	100		
250	96.3	76.9	115.3
141	58.1	74.4	111.6#





#67

Hexachlorobenzene

Concen: 51.320 ng

RT: 11.10 min Scan# 1489

Delta R.T. -0.01 min

Lab File: BF106930.D

Acq: 28 Jun 2018 19:35

Instrument :

BNA_F

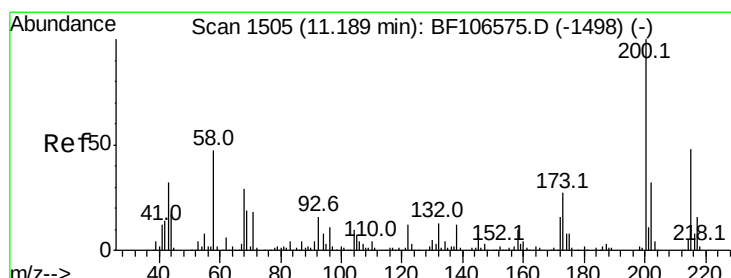
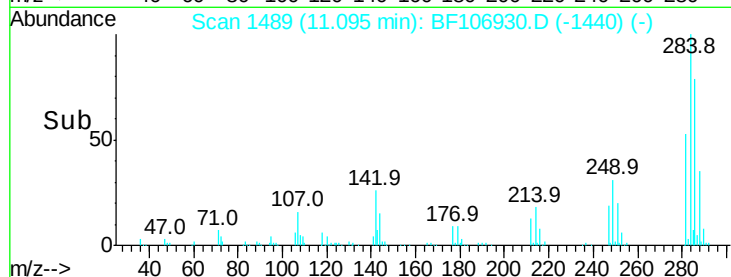
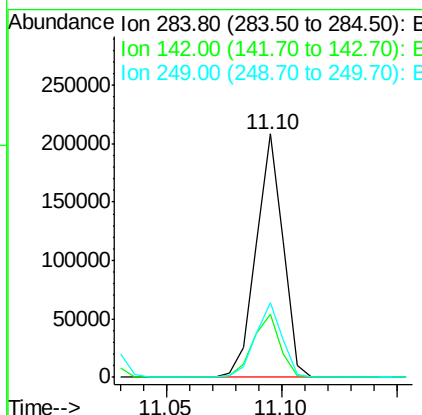
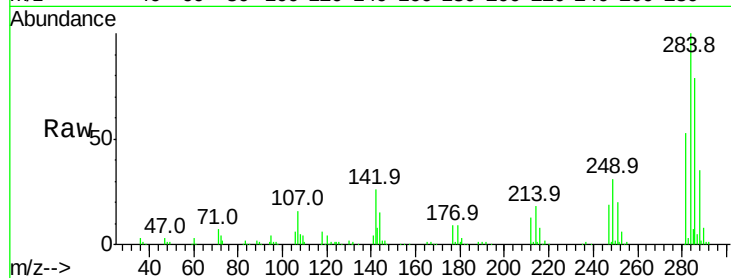
ClientSampleId :

PB110673BS

Tot Ion:	284	Resp:	169704
Ion Ratio	Lower	Upper	
284	100		
142	26.1	34.6	52.0#
249	30.7	24.8	37.2

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#68

Atrazine

Concen: 47.788 ng

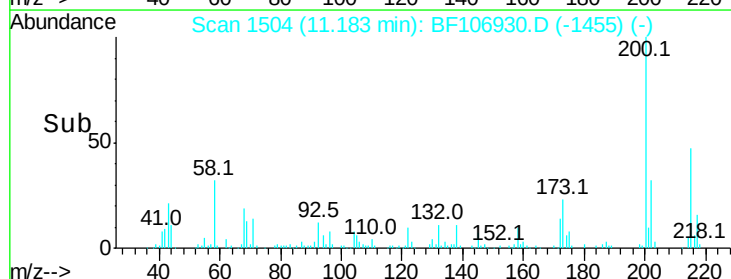
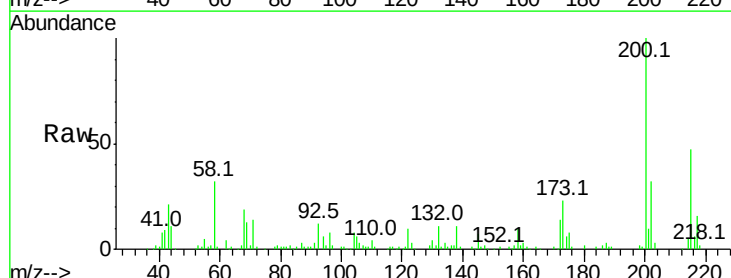
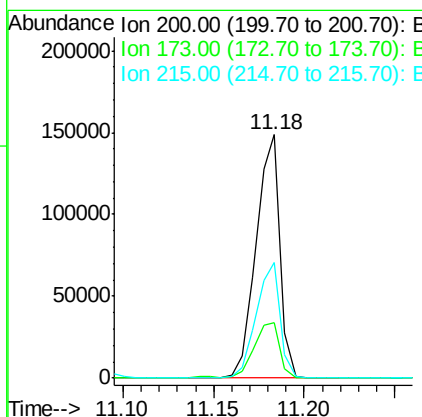
RT: 11.18 min Scan# 1504

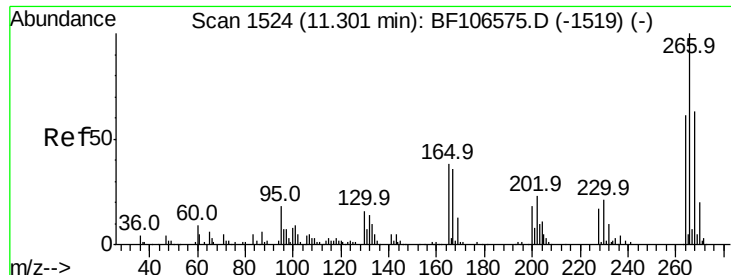
Delta R.T. -0.01 min

Lab File: BF106930.D

Acq: 28 Jun 2018 19:35

Tgt Ion:	200	Resp:	135275
Ion Ratio	Lower	Upper	
200	100		
173	22.9	8.6	48.6
215	47.4	25.1	65.1





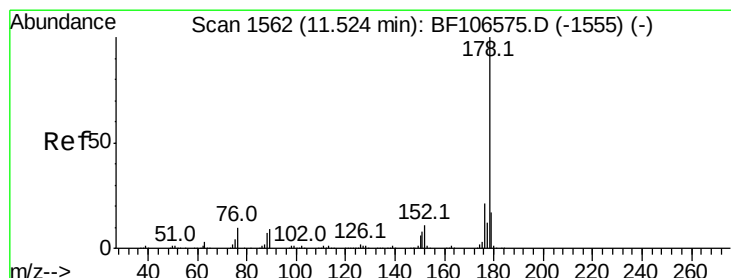
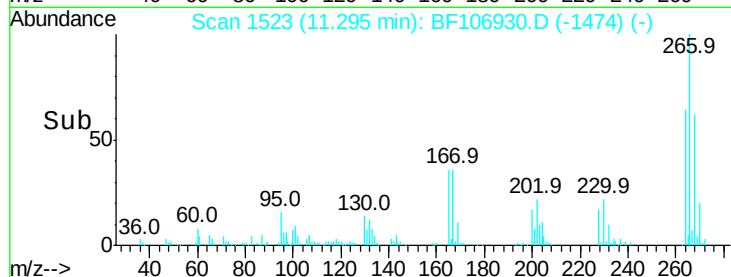
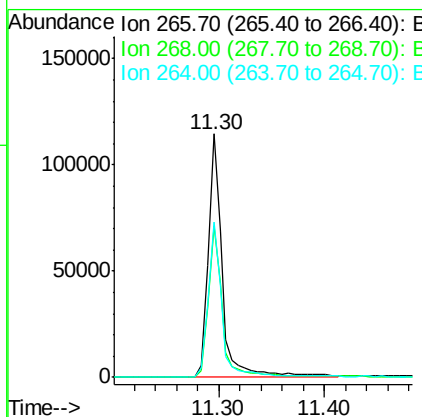
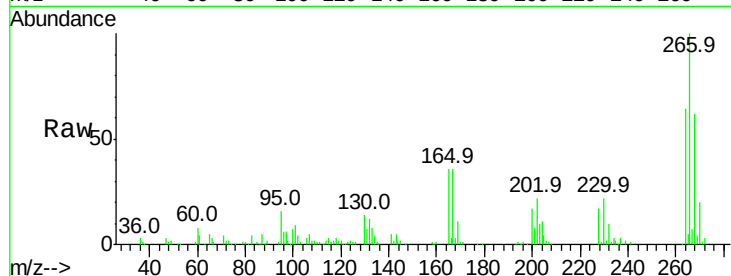
#69
 Pentachlorophenol
 Concen: 64.794 ng
 RT: 11.30 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF106930.D
 Acq: 28 Jun 2018 19:35

Instrument :
 BNA_F
 ClientSampleId :
 PB110673BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	106909		
268	62.2		51.1	76.7
264	63.9		49.5	74.3

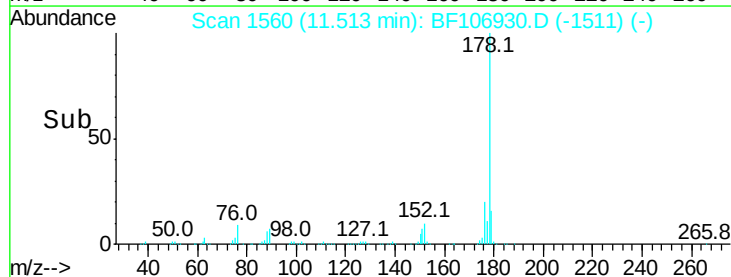
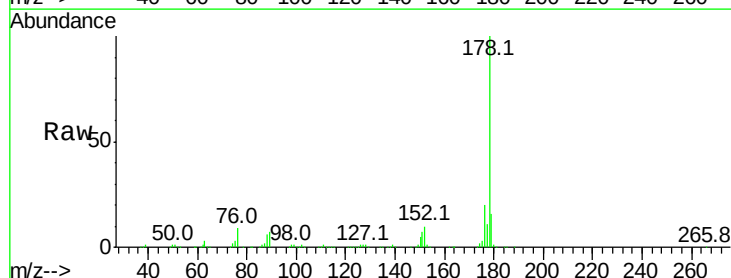
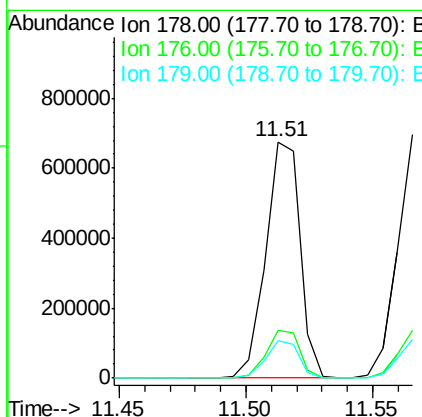
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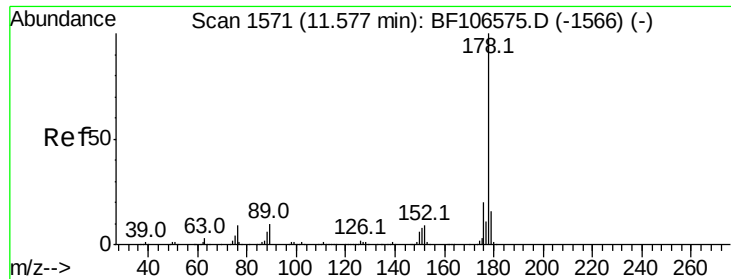
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#70
 Phenanthrene
 Concen: 50.446 ng
 RT: 11.51 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF106930.D
 Acq: 28 Jun 2018 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	644132		
176	20.0		15.8	23.8
179	15.8		13.0	19.6





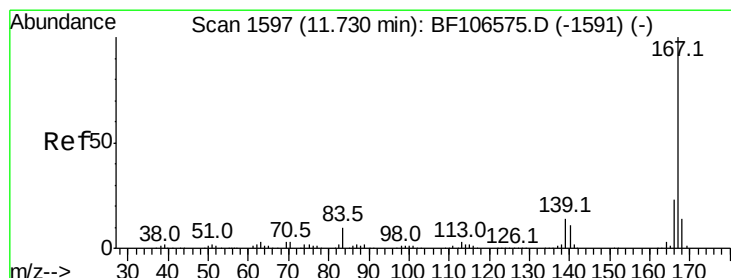
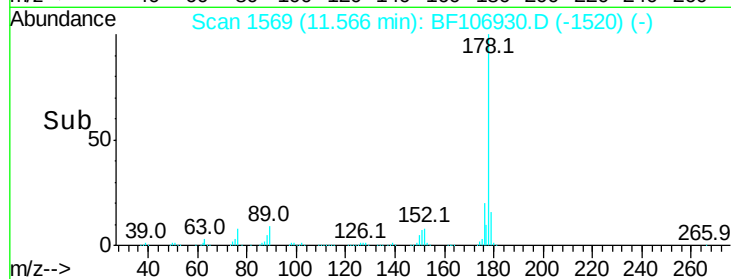
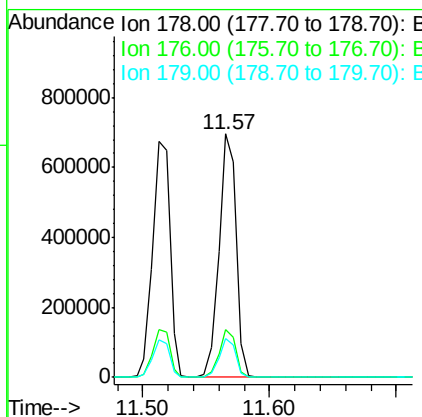
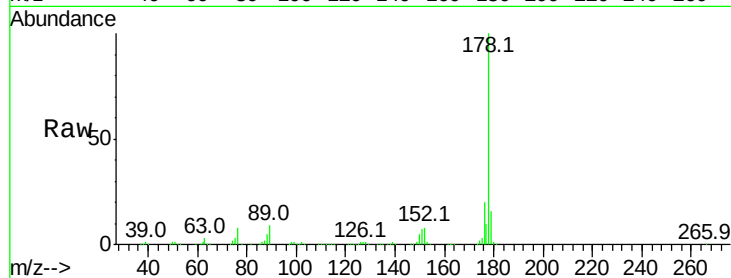
#71
 Anthracene
 Concen: 50.836 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF106930.D
 Acq: 28 Jun 2018 19:35

Instrument :
 BNA_F
 ClientSampleId :
 PB110673BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.4	23.2
179	16.0	12.6	19.0

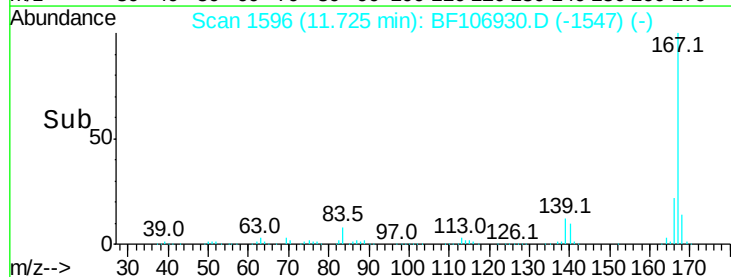
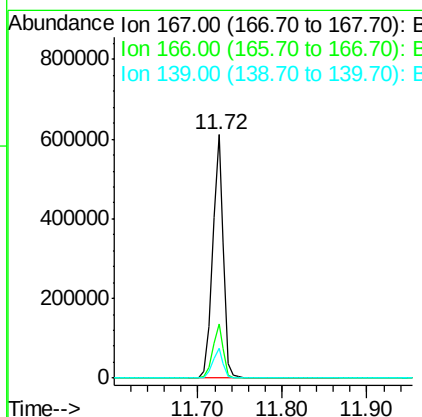
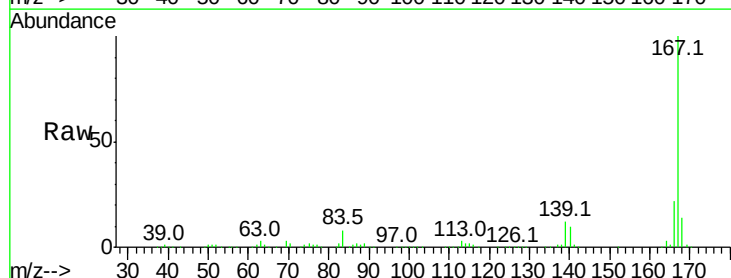
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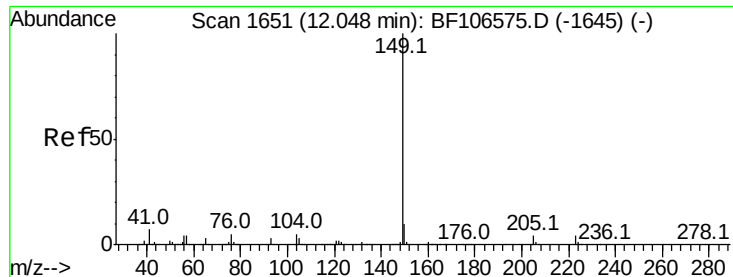
Sohil
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#72
 Carbazole
 Concen: 45.193 ng
 RT: 11.72 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF106930.D
 Acq: 28 Jun 2018 19:35

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.6	26.4
139	12.3	10.9	16.3





#73

Di-n-butylphthalate

Concen: 40.865 ng

RT: 12.04 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BF106930.D

Acq: 28 Jun 2018 19:35

Instrument :

BNA_F

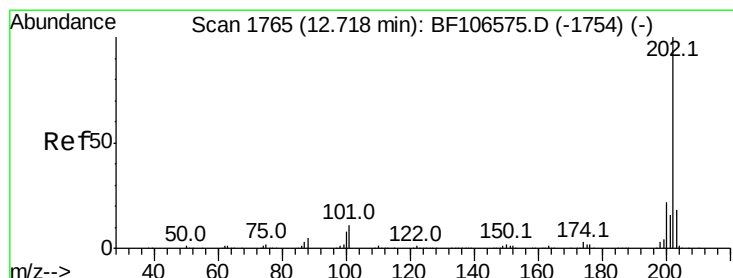
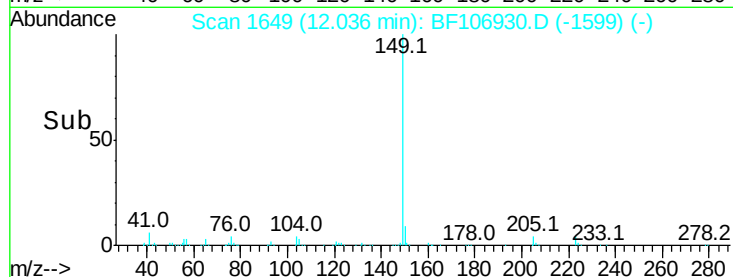
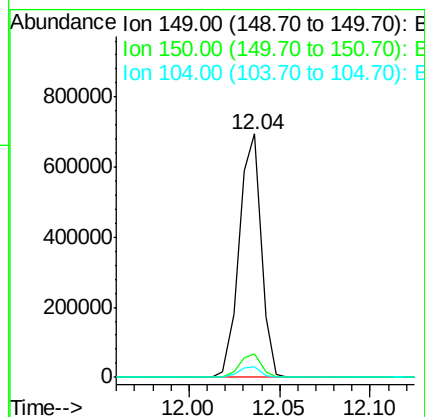
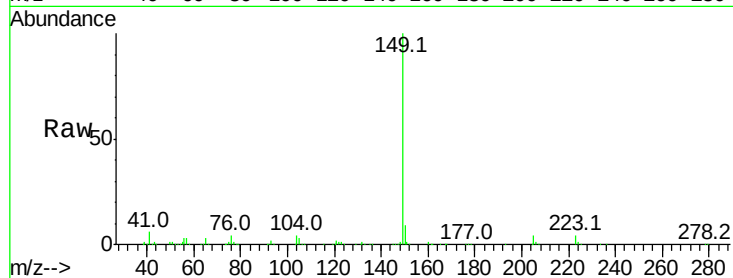
ClientSampleId :

PB110673BS

Tot Ion:	149	Resp:	587445
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.8	11.6
104	4.4	3.8	5.8

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#74

Fluoranthene

Concen: 44.483 ng

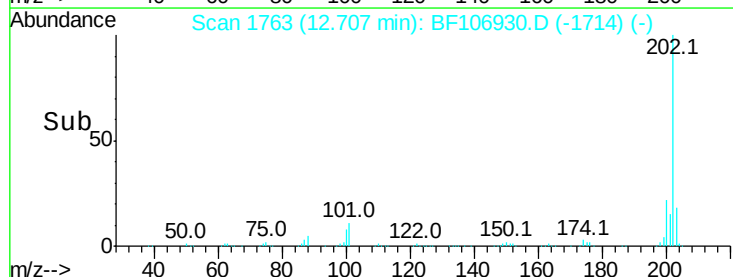
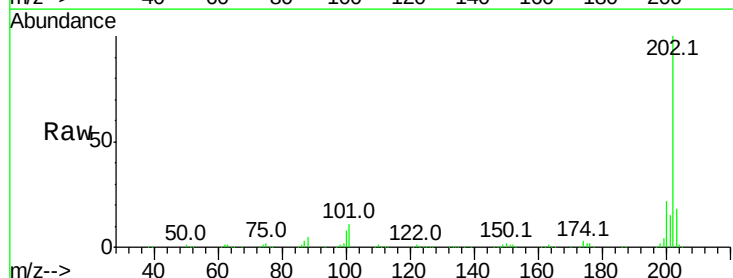
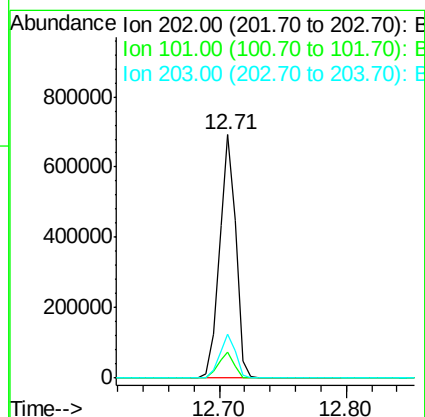
RT: 12.71 min Scan# 1763

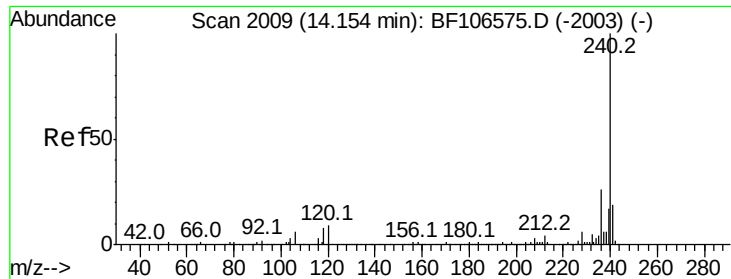
Delta R.T. -0.01 min

Lab File: BF106930.D

Acq: 28 Jun 2018 19:35

Tgt Ion:	202	Resp:	626037
Ion Ratio	Lower	Upper	
202	100		
101	10.7	0.0	34.1
203	18.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF106930.D

Acq: 28 Jun 2018 19:35

Instrument :

BNA_F

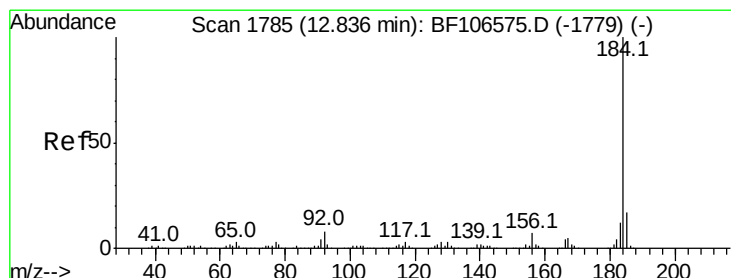
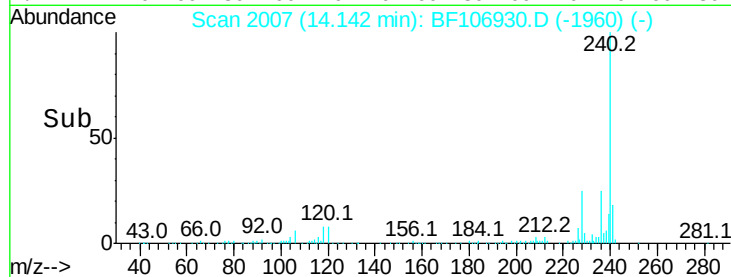
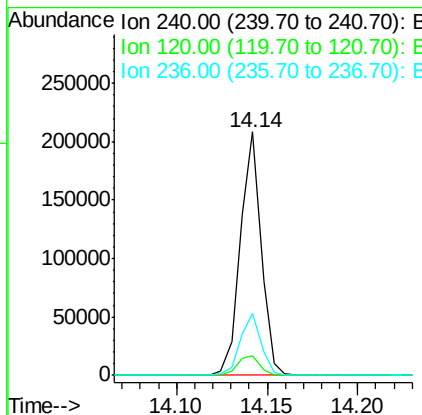
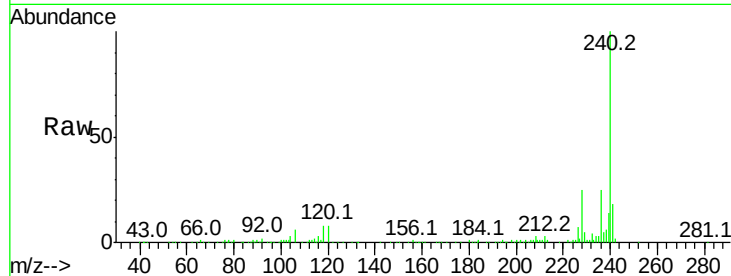
ClientSampleId :

PB110673BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.3	9.5	14.3#
236	25.2	20.7	31.1

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#76

Benzidine

Concen: 58.283 ng

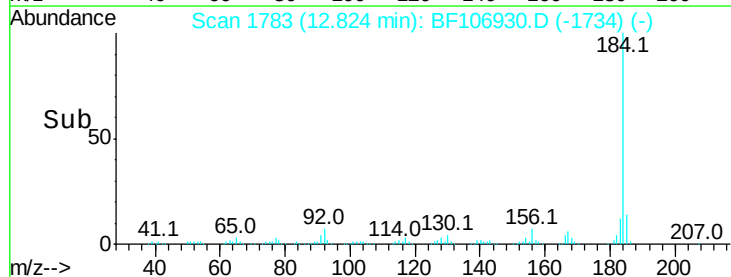
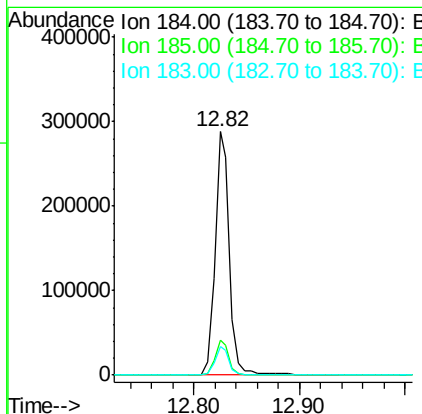
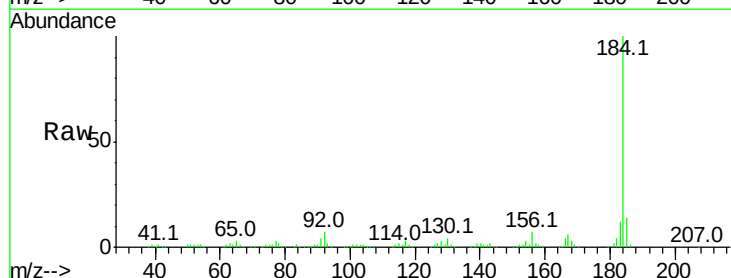
RT: 12.82 min Scan# 1783

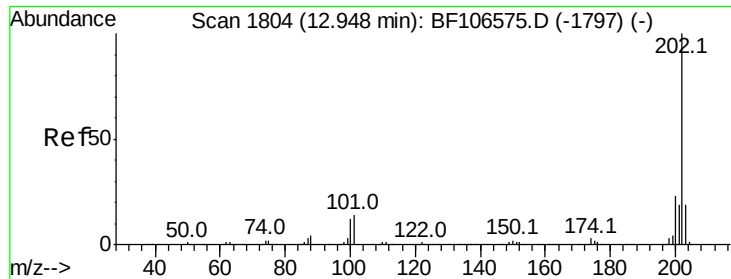
Delta R.T. -0.01 min

Lab File: BF106930.D

Acq: 28 Jun 2018 19:35

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.3	12.6	18.8
183	11.9	9.3	13.9





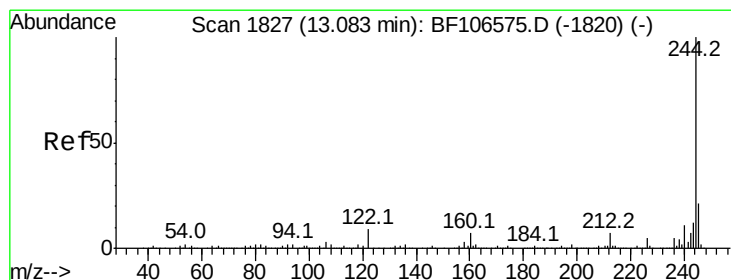
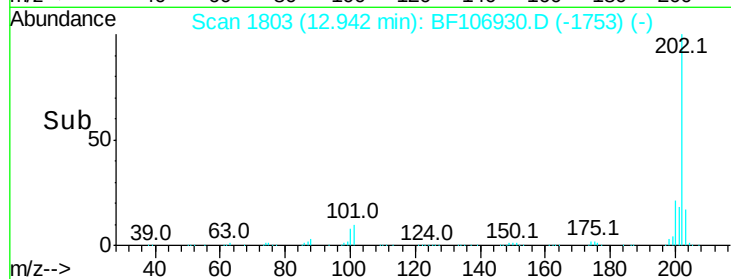
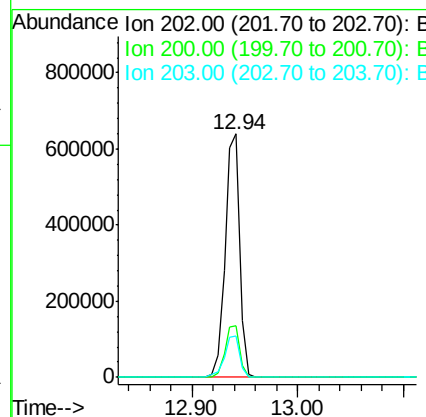
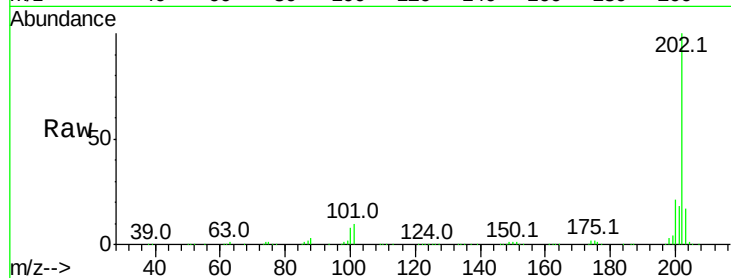
#77
Pvrene
Concen: 56.350 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF106930.D
Acq: 28 Jun 2018 19:35

Instrument :
BNA_F
ClientSampleId :
PB110673BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	619098		
200	21.4		17.4	26.2
203	17.2		14.3	21.5

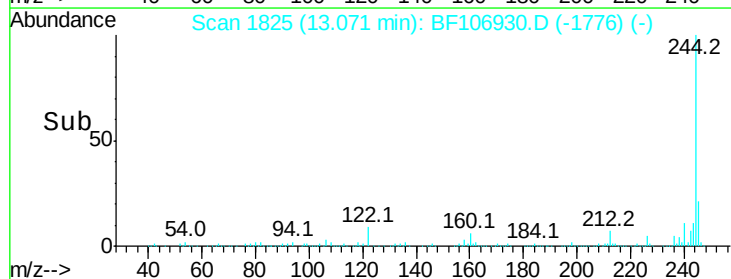
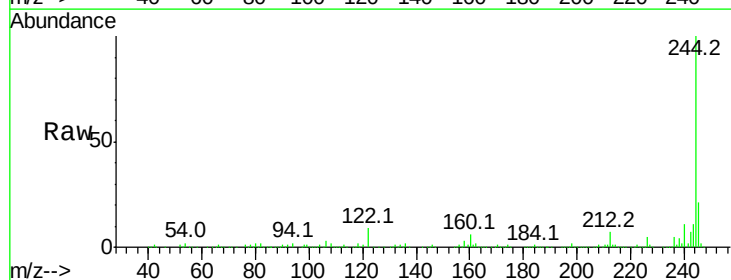
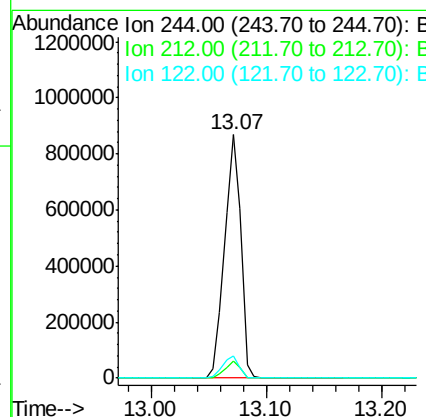
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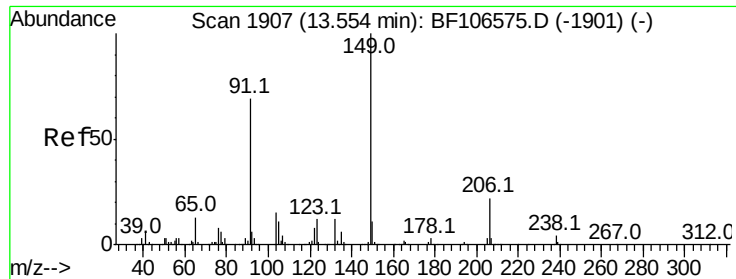
Sohil
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#78
Terphenyl-d14
Concen: 122.727 ng
RT: 13.07 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF106930.D
Acq: 28 Jun 2018 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	844133		
212	6.9		5.4	8.0
122	9.0		11.0	16.4#





#79

Butylbenzylphthalate

Concen: 43.397 ng

RT: 13.54 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BF106930.D

Acq: 28 Jun 2018 19:35

Instrument :

BNA_F

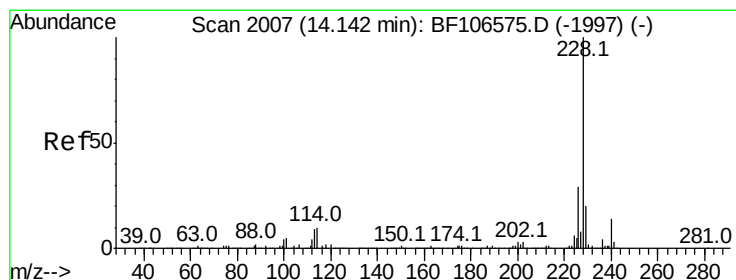
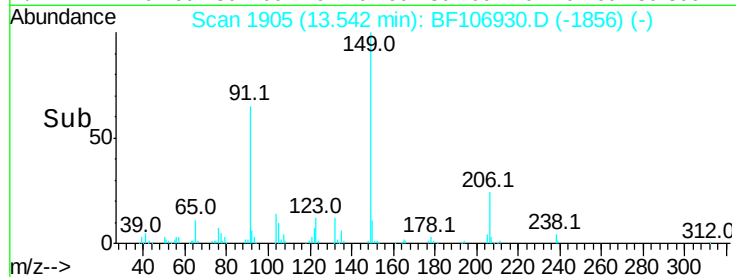
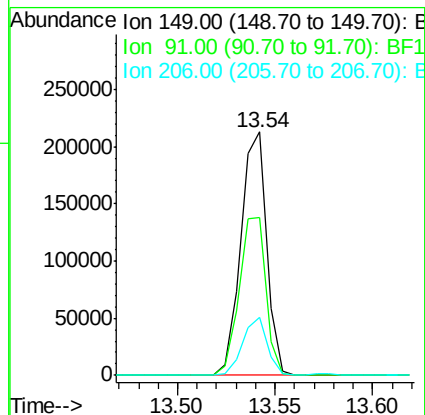
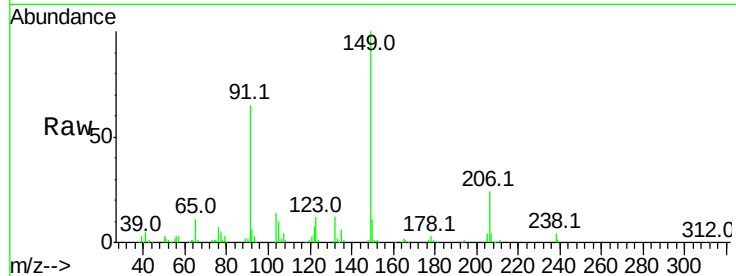
ClientSampleId :

PB110673BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	196031		
91	64.7	56.8	85.2	
206	24.0	14.1	21.1	

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#80

Benzo(a)anthracene

Concen: 48.435 ng

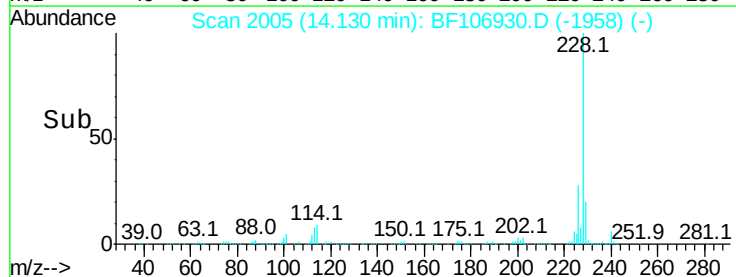
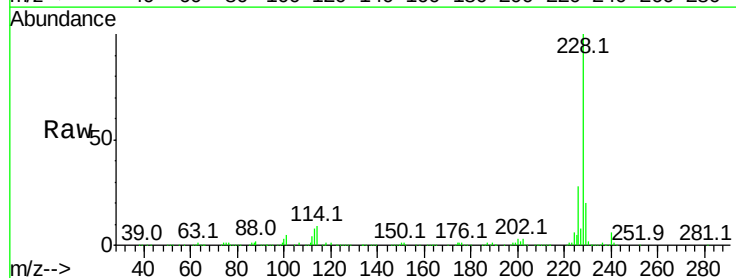
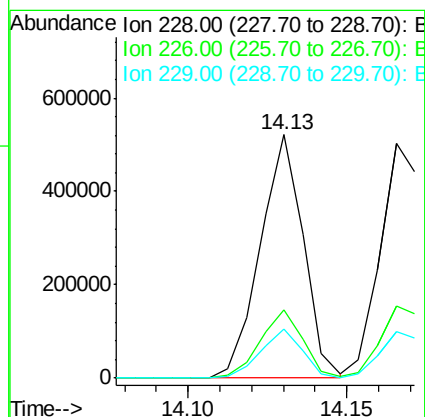
RT: 14.13 min Scan# 2005

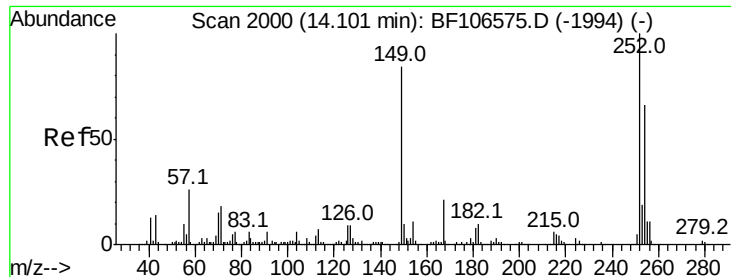
Delta R.T. -0.02 min

Lab File: BF106930.D

Acq: 28 Jun 2018 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	491830		
226	28.0	22.6	33.8	
229	19.9	15.8	23.6	





#81

3,3'-Dichlorobenzidine

Concen: 27.537 ng

RT: 14.09 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF106930.D

Acq: 28 Jun 2018 19:35

Instrument :

BNA_F

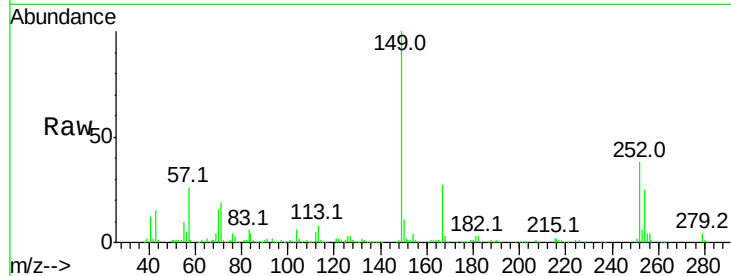
ClientSampleId :

PB110673BS

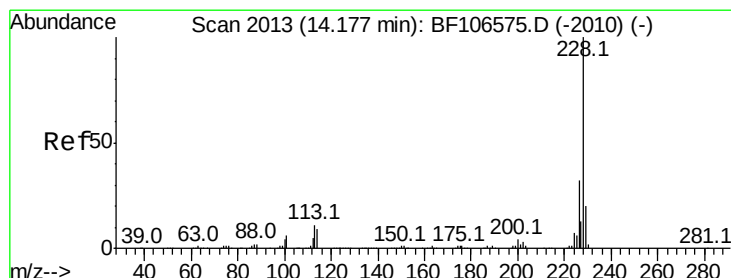
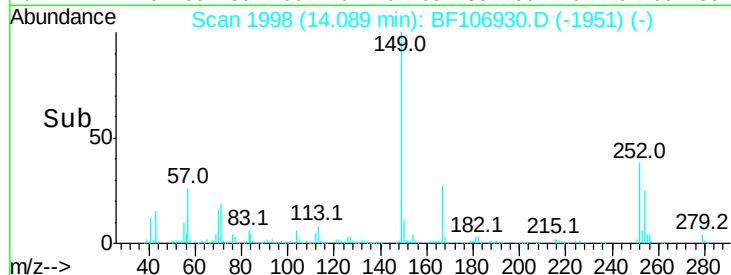
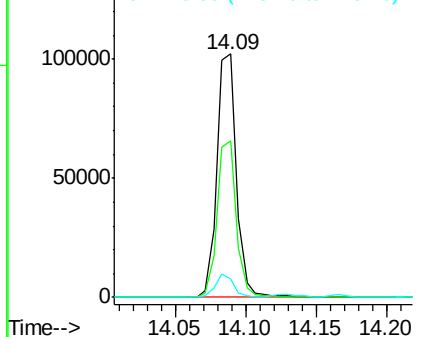
Tot Ion:	252	Resp:	98276
Ion Ratio	Lower	Upper	
252	100		
254	64.2	50.4	75.6
126	7.6	11.3	16.9

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



#82

Chrysene

Concen: 49.604 ng m

RT: 14.17 min Scan# 2011

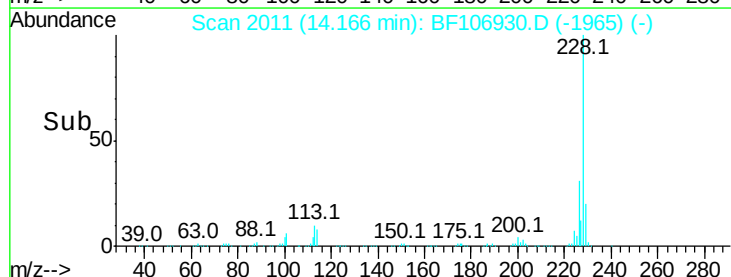
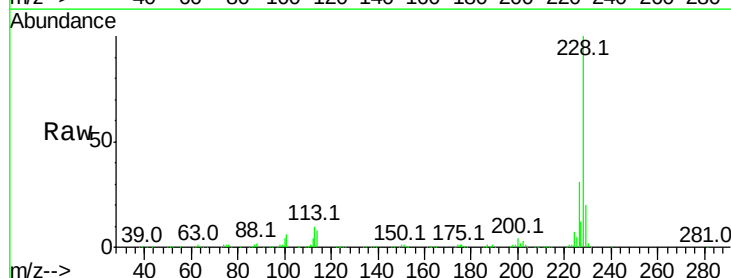
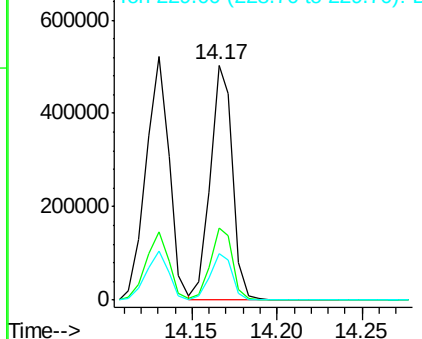
Delta R.T. -0.03 min

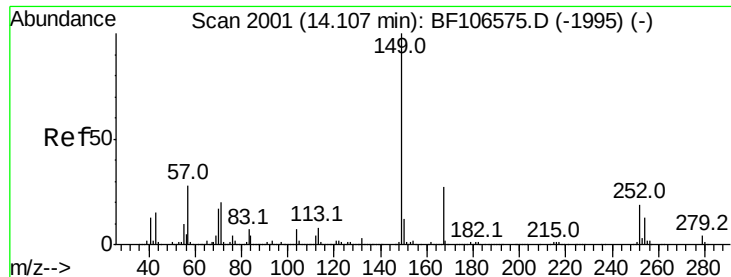
Lab File: BF106930.D

Acq: 28 Jun 2018 19:35

Tgt Ion:	228	Resp:	463399
Ion Ratio	Lower	Upper	
228	100		
226	30.8	25.0	37.6
229	19.9	16.2	24.4

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





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.969 ng

RT: 14.09 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF106930.D

Acq: 28 Jun 2018 19:35

Instrument :

BNA_F

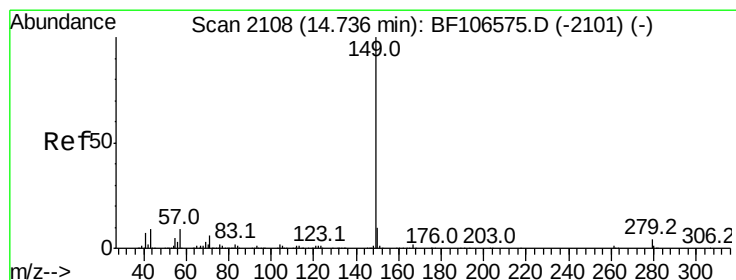
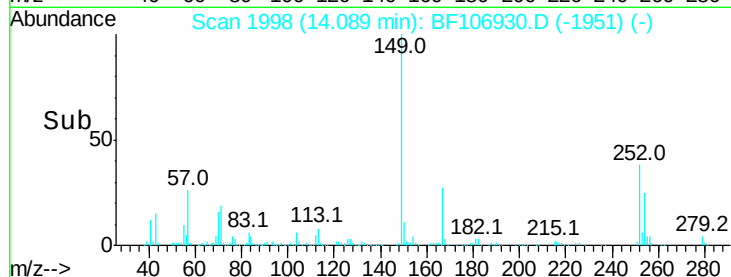
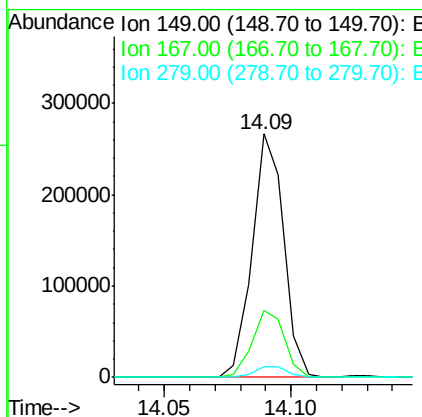
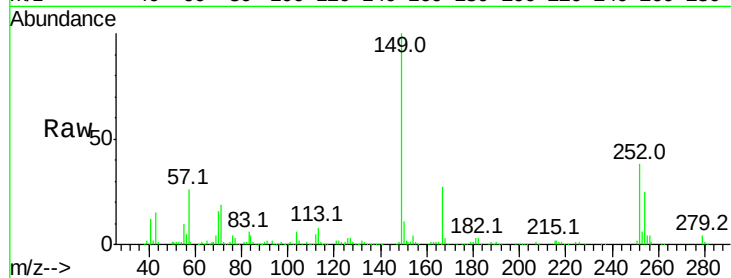
ClientSampleId :

PB110673BS

Tot Ion:	149	Resp:	230822
Ion Ratio	Lower	Upper	
149	100		
167	27.4	21.3	31.9
279	4.2	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 37.598 ng

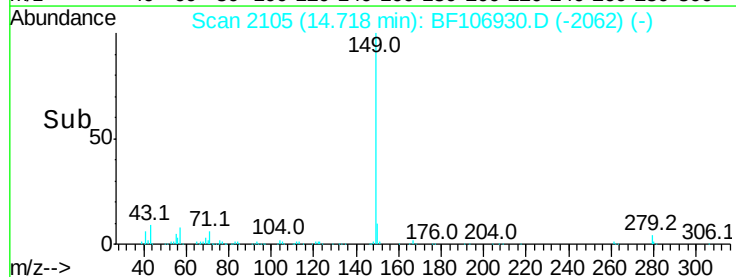
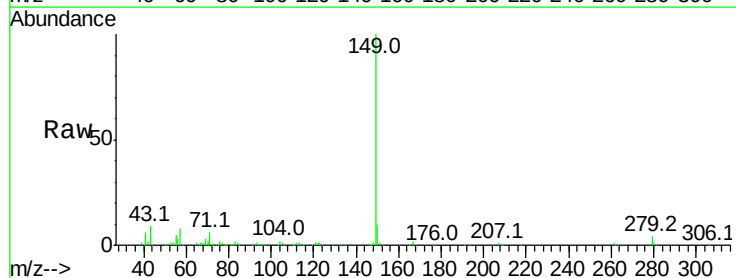
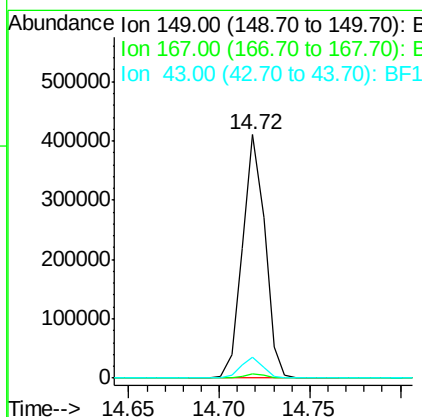
RT: 14.72 min Scan# 2105

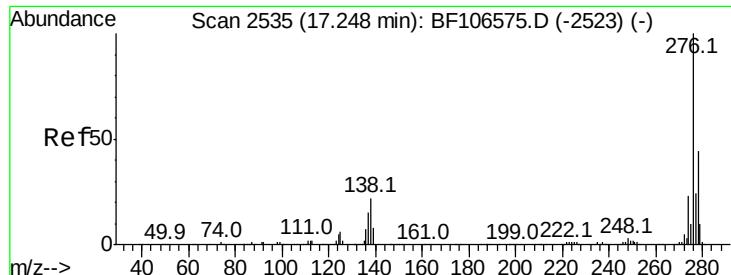
Delta R.T. -0.05 min

Lab File: BF106930.D

Acq: 28 Jun 2018 19:35

Tgt Ion:	149	Resp:	353934
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	8.5	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 84.890 ng

RT: 17.26 min Scan# 2537

Delta R.T. -0.05 min

Lab File: BF106930.D

Acq: 28 Jun 2018 19:35

Instrument :

BNA_F

ClientSampleId :

PB110673BS

Tot Ion:276 Resp: 672989

Ion Ratio Lower Upper

276 100

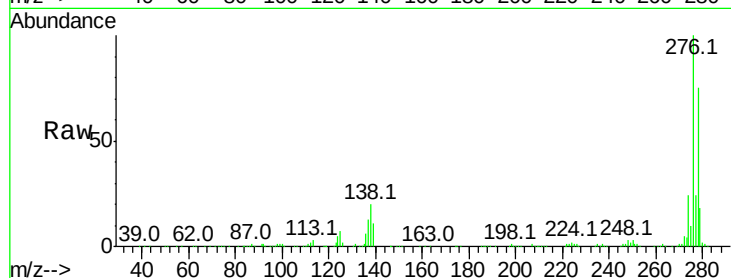
138 20.5 25.0 37.6#

277 25.2 20.1 30.1

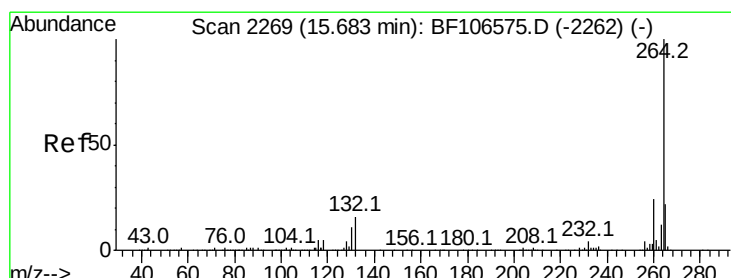
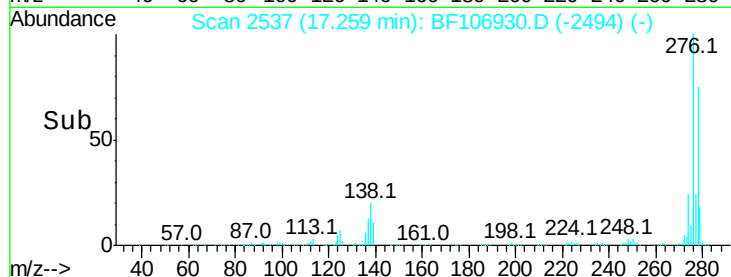
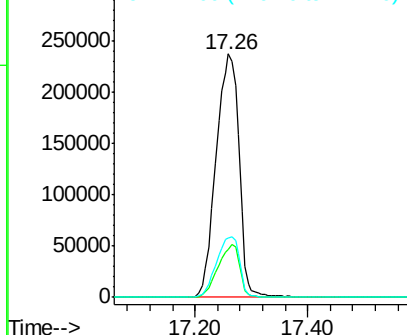
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2268

Delta R.T. -0.04 min

Lab File: BF106930.D

Acq: 28 Jun 2018 19:35

Tgt Ion:264 Resp: 178280

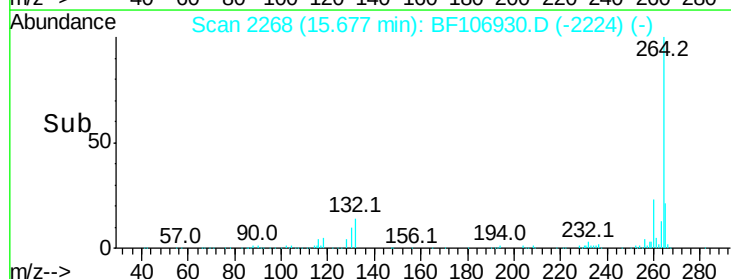
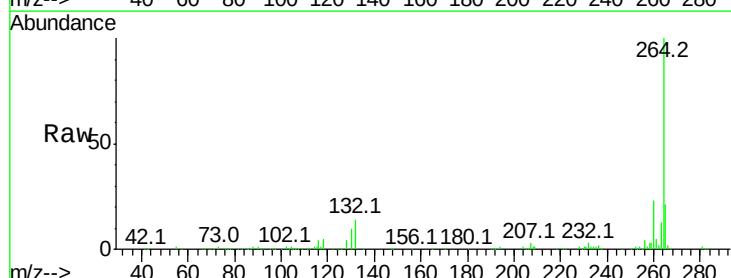
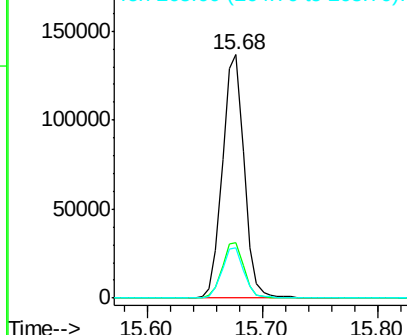
Ion Ratio Lower Upper

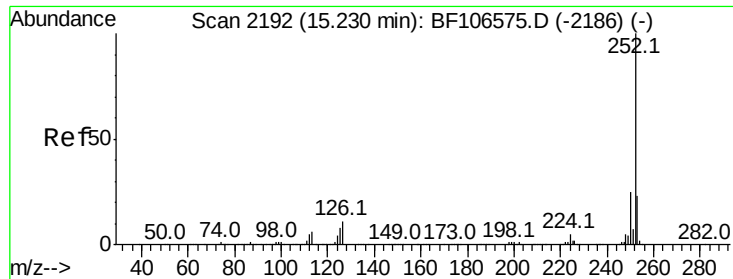
264 100

260 22.7 19.2 28.8

265 20.9 17.5 26.3

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





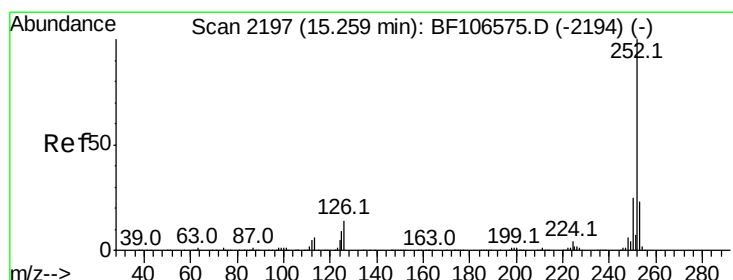
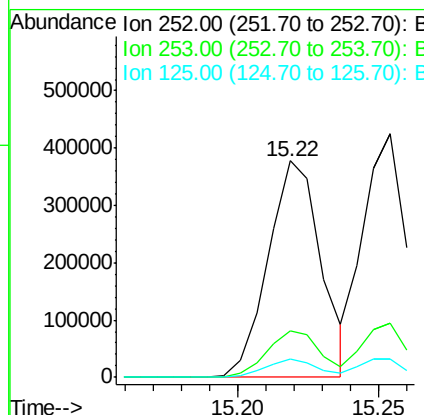
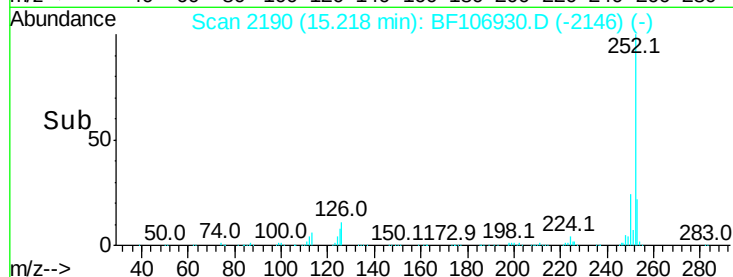
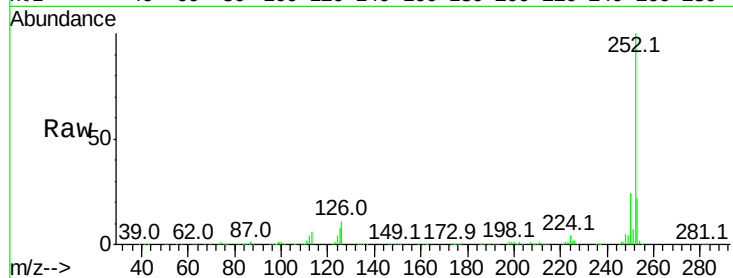
#87
Benzo(b)fluoranthene
Concen: 44.258 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.04 min
Lab File: BF106930.D
Acq: 28 Jun 2018 19:35

Instrument :
BNA_F
ClientSampleId :
PB110673BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.8	17.0	25.6
125	8.3	9.0	13.6#

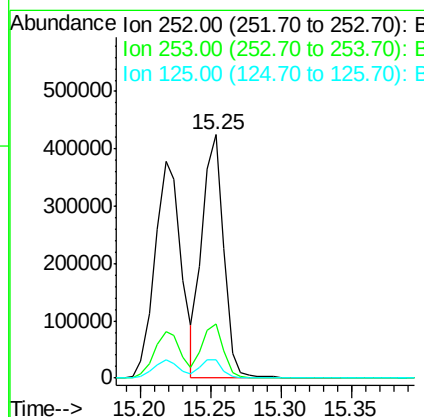
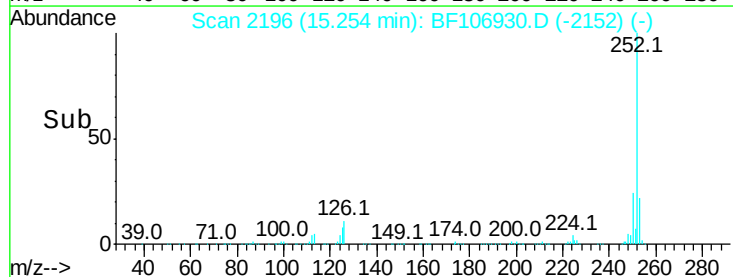
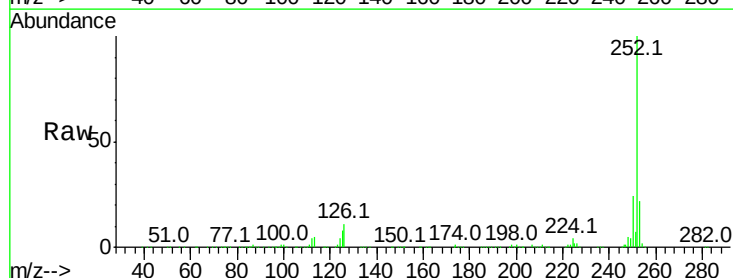
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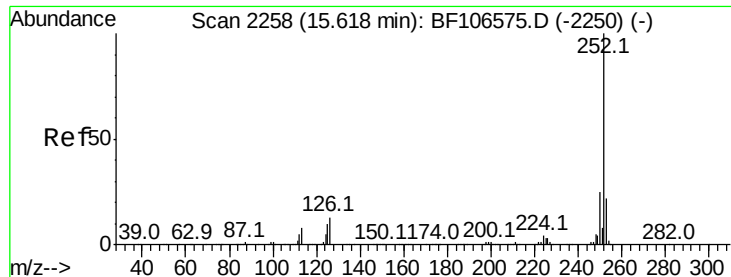
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#88
Benzo(k)fluoranthene
Concen: 42.753 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.04 min
Lab File: BF106930.D
Acq: 28 Jun 2018 19:35

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.2	17.9	26.9
125	7.7	10.2	15.2#





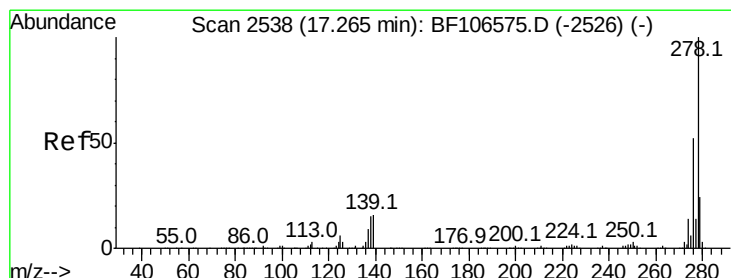
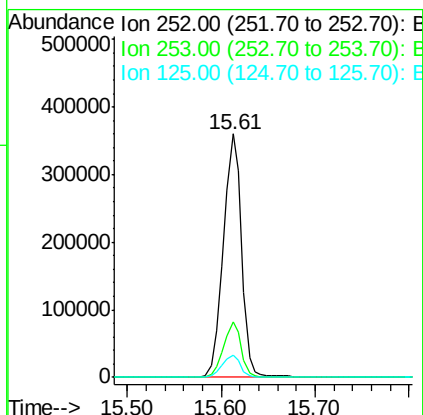
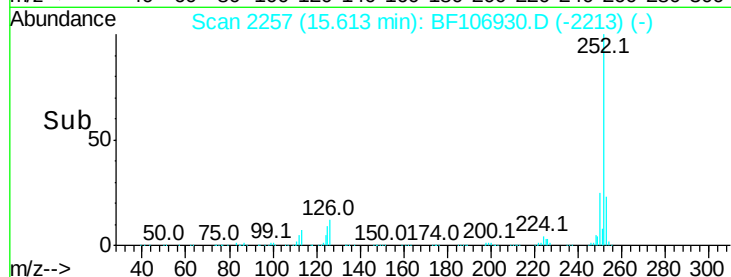
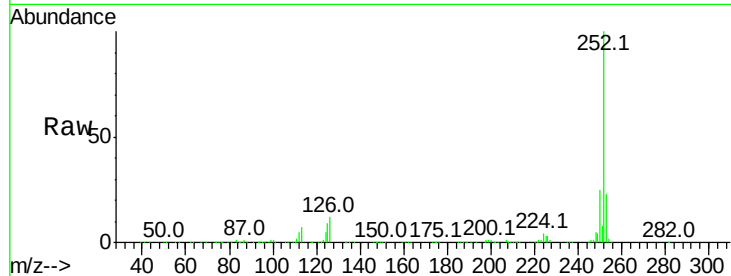
#89
Benzo(a)pyrene
Concen: 49.523 ng
RT: 15.61 min Scan# 2257
Delta R.T. -0.04 min
Lab File: BF106930.D
Acq: 28 Jun 2018 19:35

Instrument :
BNA_F
ClientSampleId :
PB110673BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	9.1	9.8	14.6

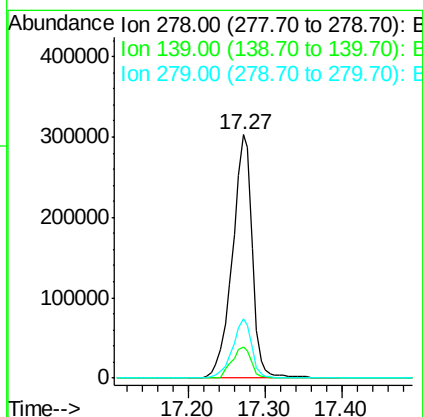
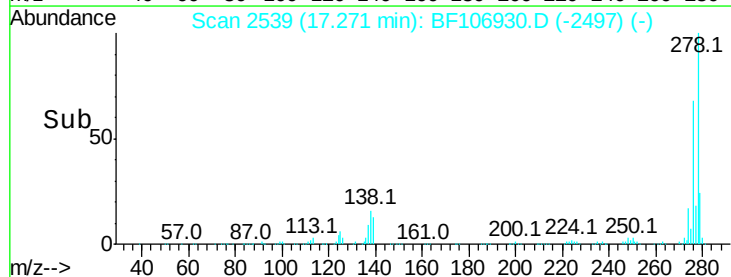
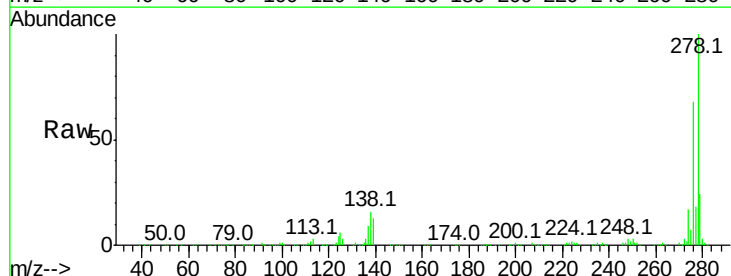
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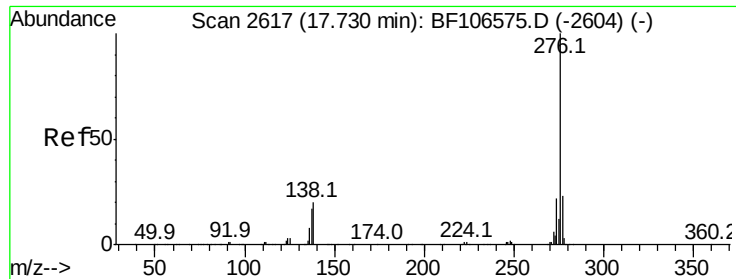
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#90
Dibenzo(a,h)anthracene
Concen: 65.766 ng
RT: 17.27 min Scan# 2539
Delta R.T. -0.05 min
Lab File: BF106930.D
Acq: 28 Jun 2018 19:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.8	15.9	23.9
279	24.4	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 71.970 ng
 RT: 17.74 min Scan# 2619
 Delta R.T. -0.05 min
 Lab File: BF106930.D
 Acq: 28 Jun 2018 19:35

Instrument :
 BNA_F
 ClientSampleId :
 PB110673BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.9	17.9	26.9
138	17.3	21.8	32.8

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