

Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
 Data File : BF097910.D
 Acq On : 21 Aug 2017 17:30
 Operator : SJ/JU
 Sample : PB101695BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101695BS

Manual Integrations
 APPROVED

Sohil
 8/22/2017 5:43:59 PM

Quant Time: Aug 22 11:16:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	118433	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	473899	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	215367	20.00	ng	0.00
63) Phenanthrene-d10	11.27	188	424368	20.00	ng	0.00
75) Chrysene-d12	13.90	240	341853	20.00	ng	0.00
86) Perylene-d12	15.32	264	257344	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1002767	128.79	ng	0.02
7) Phenol-d6	6.39	99	1359037	128.46	ng	0.00
23) Nitrobenzene-d5	7.32	82	855928	98.12	ng	0.00
41) 2,4,6-Tribromophenol	10.58	330	265249	141.95	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	1270744	86.69	ng	0.00
78) Terphenyl-d14	12.86	244	1143534	69.76	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	166153	38.264	ng	91
3) Pyridine	3.24	79	473459	39.441	ng	86
4) n-Nitrosodimethylamine	3.19	42	194336	42.074	ng	83
6) Aniline	6.42	93	444512	29.910	ng	98
8) 2-Chlorophenol	6.54	128	356208	43.380	ng	98
9) Benzaldehyde	6.30	77	249281	37.201	ng	89
10) Phenol	6.40	94	511526	41.343	ng	97
11) bis(2-Chloroethyl)ether	6.49	93	412816	44.205	ng	96
12) 1,3-Dichlorobenzene	6.69	146	355616	40.262	ng	# 93
13) 1,4-Dichlorobenzene	6.77	146	358043	39.858	ng	95
14) 1,2-Dichlorobenzene	6.92	146	330586	39.912	ng	99
15) Benzyl Alcohol	6.90	79	355039	44.826	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.03	45	514524	40.950	ng	92
17) 2-Methylphenol	7.01	107	329942	45.596	ng	95
18) Hexachloroethane	7.26	117	147277	41.817	ng	# 82
19) n-Nitroso-di-n-propylamine	7.17	70	290573	40.123	ng	92
20) 3+4-Methylphenols	7.16	107	381786	43.197	ng	94
22) Acetophenone	7.16	105	514075	41.063	ng	# 92
24) Nitrobenzene	7.33	77	457492	47.101	ng	92
25) Isophorone	7.57	82	818137	45.103	ng	96
26) 2-Nitrophenol	7.65	139	184620	51.975	ng	# 79
27) 2,4-Dimethylphenol	7.69	122	334477	44.213	ng	95
28) bis(2-Chloroethoxy)methane	7.79	93	508152	42.611	ng	98
29) 2,4-Dichlorophenol	7.89	162	282662	45.012	ng	94
30) 1,2,4-Trichlorobenzene	7.97	180	285430	41.001	ng	99
31) Naphthalene	8.06	128	1019212	41.427	ng	100
32) Benzoic acid	7.83	122	248261	45.436	ng	# 84
33) 4-Chloroaniline	8.10	127	310942	29.968	ng	99
34) Hexachlorobutadiene	8.17	225	163919	40.329	ng	98
35) Caprolactam	8.49	113	107394m	50.305	ng	
36) 4-Chloro-3-methylphenol	8.59	107	359840	44.599	ng	# 77
37) 2-Methylnaphthalene	8.75	142	671853	44.542	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	259592	39.275	ng	# 97
40) Hexachlorocyclopentadiene	8.90	237	337661	106.340	ng	100

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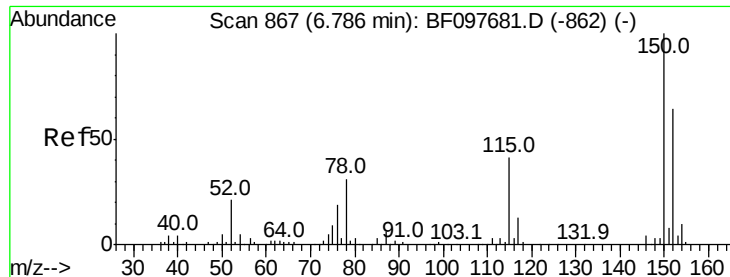
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	196752	44.339	nq	93
43) 2,4,5-Trichlorophenol	9.07	196	205217	46.616	nq	97
45) 1,1'-Biphenyl	9.21	154	781841	39.810	nq	95
46) 2-Chloronaphthalene	9.23	162	581191	40.051	nq	# 92
47) 2-Nitroaniline	9.33	65	245334	50.431	nq	98
48) Acenaphthylene	9.65	152	967123	42.441	nq	99
49) Dimethylphthalate	9.52	163	700203	44.478	nq	99
50) 2,6-Dinitrotoluene	9.57	165	150372	47.853	nq	# 54
51) Acenaphthene	9.82	154	582498	40.530	nq	99
52) 3-Nitroaniline	9.74	138	150547	37.133	nq	81
53) 2,4-Dinitrophenol	9.85	184	165372	106.749	nq	# 79
54) Dibenzofuran	9.99	168	854488	44.362	nq	100
55) 4-Nitrophenol	9.92	139	295828	91.470	nq	# 43
56) 2,4-Dinitrotoluene	9.98	165	202903	51.451	nq	# 60
57) Fluorene	10.33	166	633257	42.523	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.11	232	171918	50.440	nq	95
59) Diethylphthalate	10.22	149	742425	45.097	nq	99
60) 4-Chlorophenyl-phenylether	10.33	204	290407	41.976	nq	88
61) 4-Nitroaniline	10.36	138	182124	47.264	nq	# 74
62) Azobenzene	10.49	77	893320	45.682	nq	92
64) 4,6-Dinitro-2-methylphenol	10.39	198	104596	51.558	nq	# 81
65) n-Nitrosodiphenylamine	10.45	169	594273	41.123	nq	99
66) 4-Bromophenyl-phenylether	10.82	248	185115	42.007	nq	99
67) Hexachlorobenzene	10.88	284	180481	40.181	nq	# 88
68) Atrazine	10.98	200	173613	45.301	nq	98
69) Pentachlorophenol	11.07	266	215904	82.441	nq	97
70) Phenanthrene	11.29	178	959643	42.437	nq	100
71) Anthracene	11.35	178	977372	42.613	nq	100
72) Carbazole	11.50	167	947051	43.500	nq	98
73) Di-n-butylphthalate	11.83	149	1171123	46.700	nq	99
74) Fluoranthene	12.48	202	1045662	44.302	nq	99
76) Benzidine	12.60	184	419477m	37.425	nq	
77) Pyrene	12.70	202	1085339	38.818	nq	99
79) Butylbenzylphthalate	13.33	149	507417	47.335	nq	# 68
80) Benzo(a)anthracene	13.89	228	806546	39.366	nq	99
81) 3,3'-Dichlorobenzidine	13.86	252	268400	38.821	nq	# 95
82) Chrysene	13.93	228	819251	40.196	nq	98
83) Bis(2-ethylhexyl)phthalate	13.89	149	601588	50.644	nq	# 98
84) Di-n-octyl phthalate	14.50	149	1159778	56.113	nq	# 99
85) Indeno(1,2,3-cd)pyrene	16.70	276	626816	41.806	nq	94
87) Benzo(b)fluoranthene	14.92	252	700082	43.158	nq	98
88) Benzo(k)fluoranthene	14.94	252	670251	43.980	nq	# 94
89) Benzo(a)pyrene	15.26	252	645735	44.967	nq	98
90) Dibenzo(a,h)anthracene	16.72	278	509091	43.546	nq	99
91) Benzo(g,h,i)perylene	17.12	276	533174	43.708	nq	93

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



#1

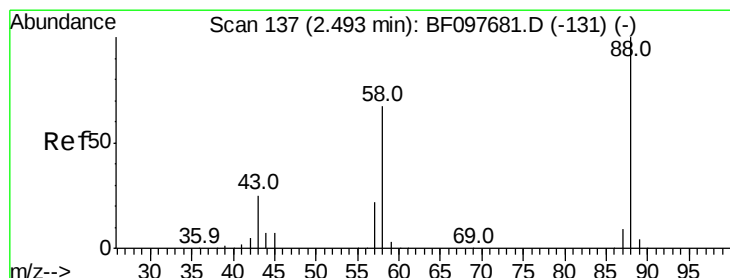
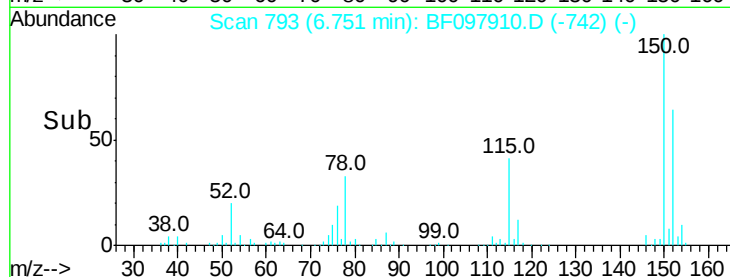
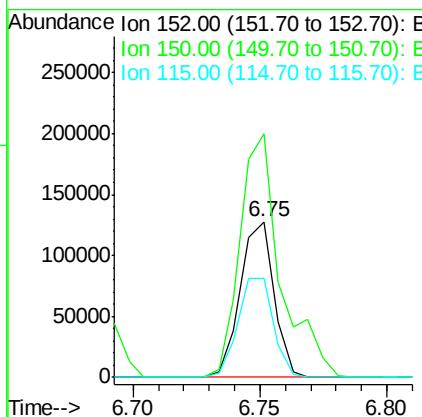
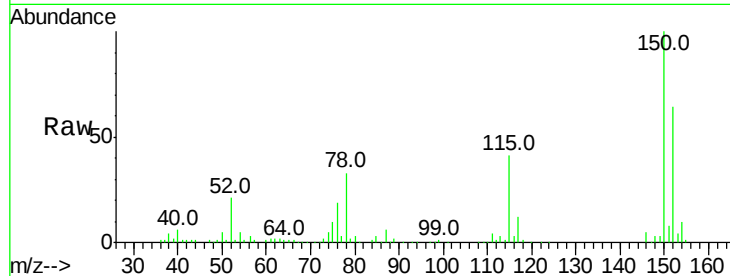
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

Instrument :
BNA_F
ClientSampleId :
PB101695BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.2	189.2
115	63.9	52.2	78.2

Manual Integrations
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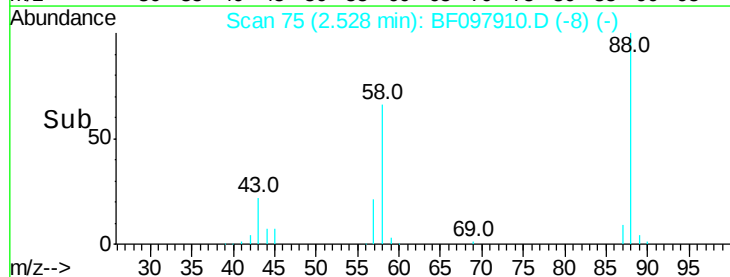
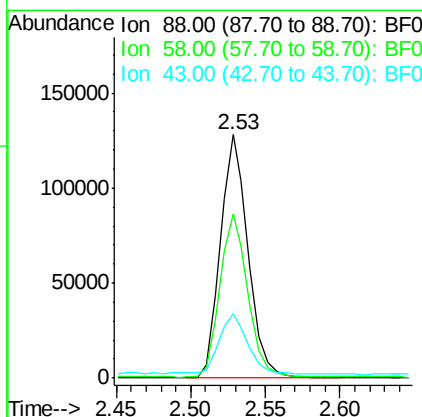
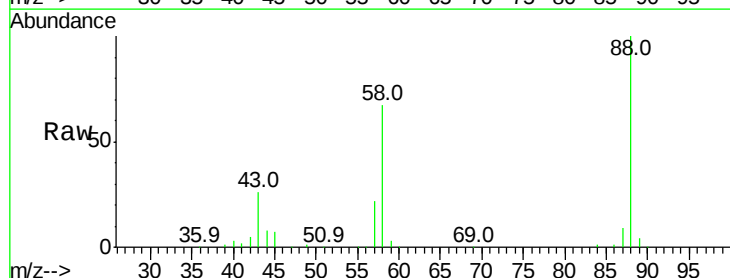
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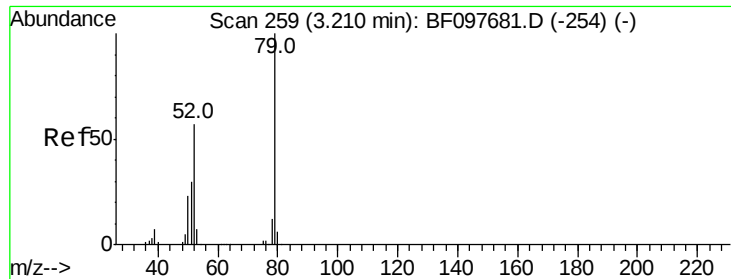


#2

1,4-Dioxane
Concen: 38.264 ng
RT: 2.53 min Scan# 75
Delta R.T. 0.09 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.6	61.4	92.0
43	26.1	23.4	35.0





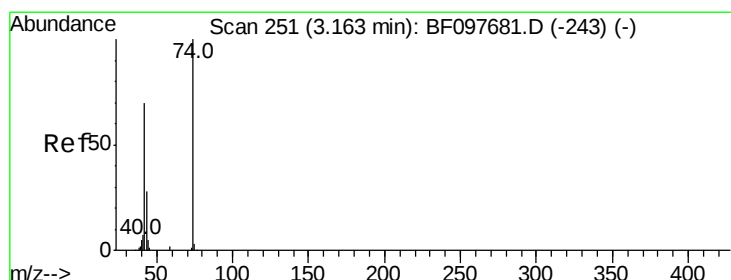
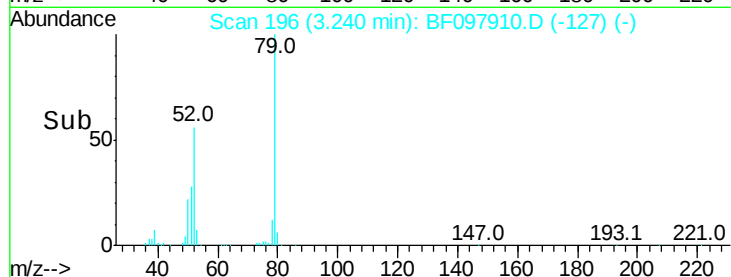
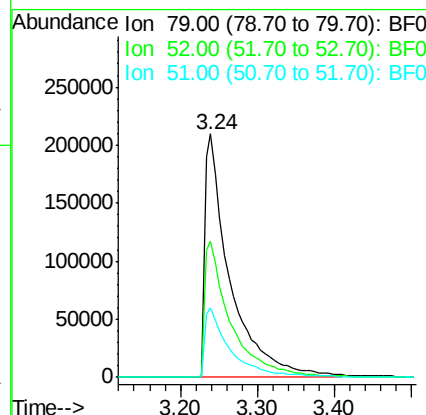
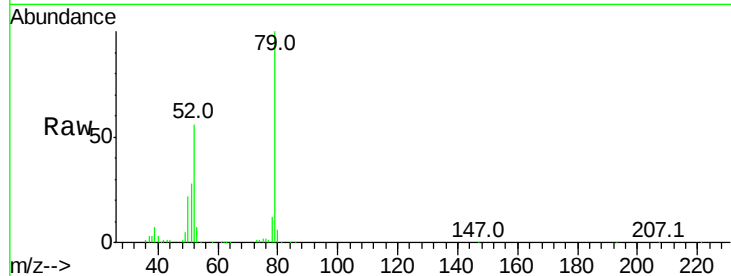
#3
 Pvridine
 Concen: 39.441 ng
 RT: 3.24 min Scan# 196
 Delta R.T. 0.11 min
 Lab File: BF097910.D
 Acq: 21 Aug 2017 17:30

Instrument :
 BNA_F
 ClientSampleId :
 PB101695BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	55.7	54.8	82.2
51	28.4	27.0	40.4

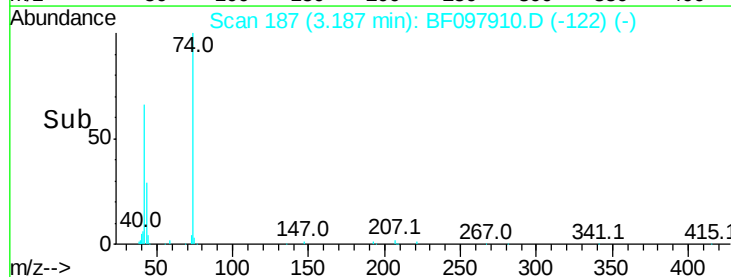
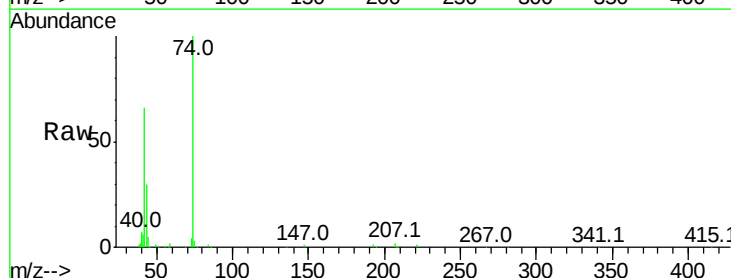
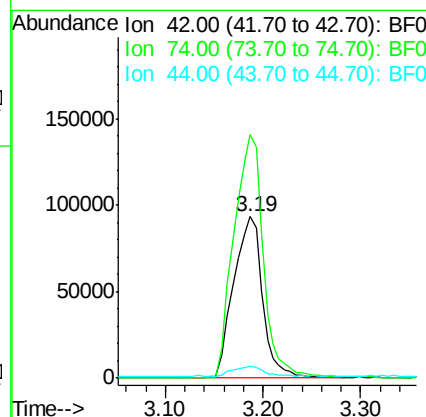
Manual Integrations
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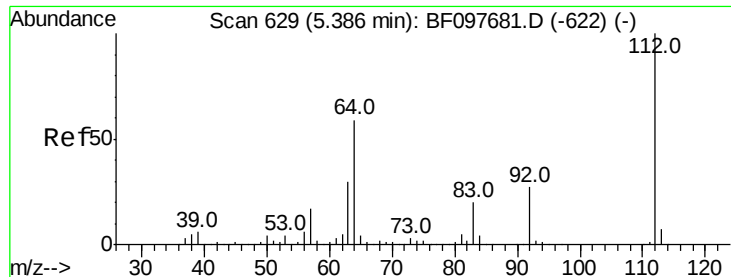
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#4
 n-Nitrosodimethylamine
 Concen: 42.074 ng
 RT: 3.19 min Scan# 187
 Delta R.T. 0.08 min
 Lab File: BF097910.D
 Acq: 21 Aug 2017 17:30

Tgt Ion	Ratio	Lower	Upper
42	100		
74	151.0	103.9	155.9
44	7.3	5.7	8.5





#5

2-Fluorophenol

Concen: 128.789 ng

RT: 5.37 min Scan# 559

Delta R.T. 0.02 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

Instrument :

BNA_F

ClientSampleId :

PB101695BS

Tot Ion:112 Resp: 1002767

Ion Ratio Lower Upper

112 100

64 57.9 46.0 69.0

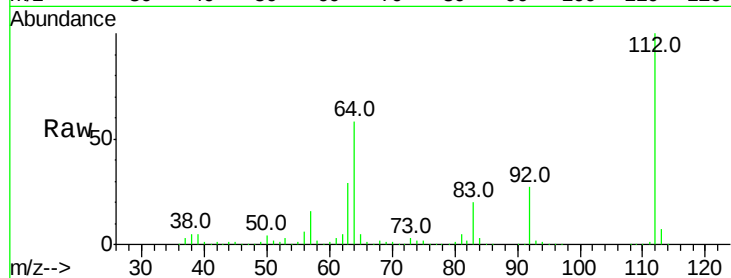
63 29.2 23.4 35.0

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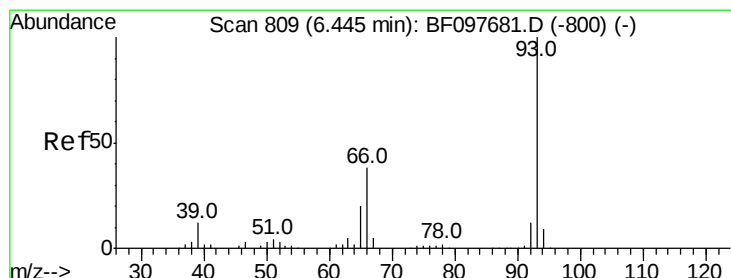
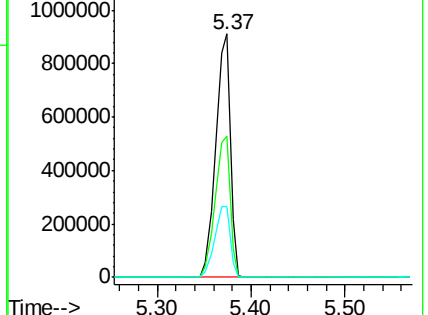
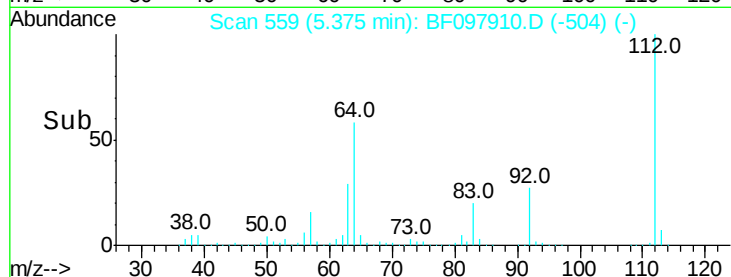
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 29.910 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

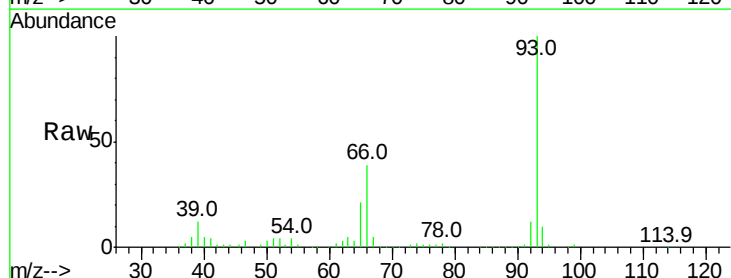
Tgt Ion: 93 Resp: 444512

Ion Ratio Lower Upper

93 100

66 39.5 32.9 49.3

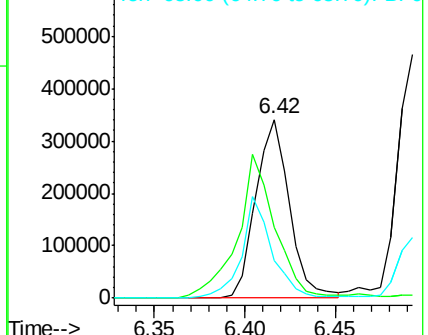
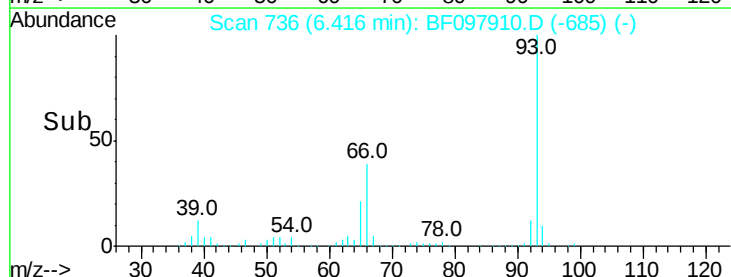
65 20.9 16.0 24.0

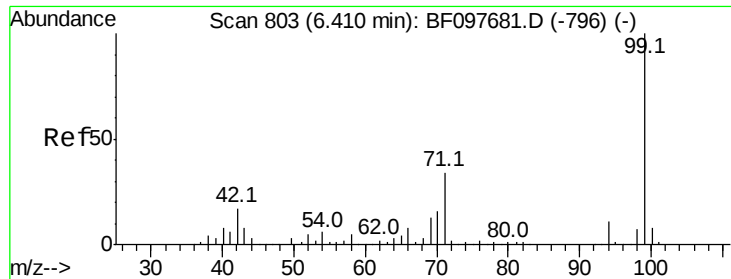


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 128.464 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

Instrument :

BNA_F

ClientSampled :

PB101695BS

Tot Ion: 99 Resp: 1359037

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

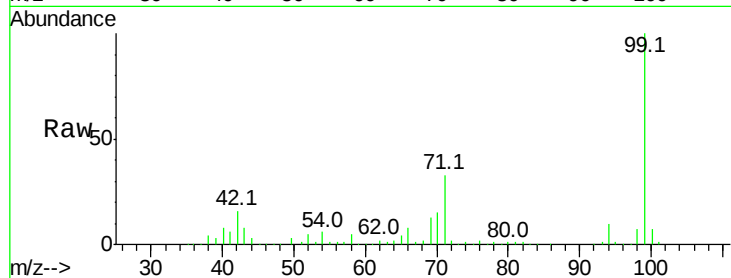
71 33.2 24.5 36.7

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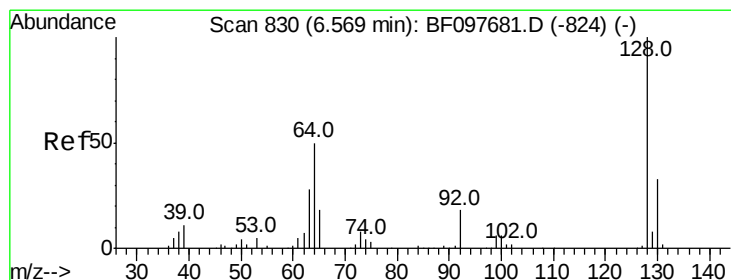
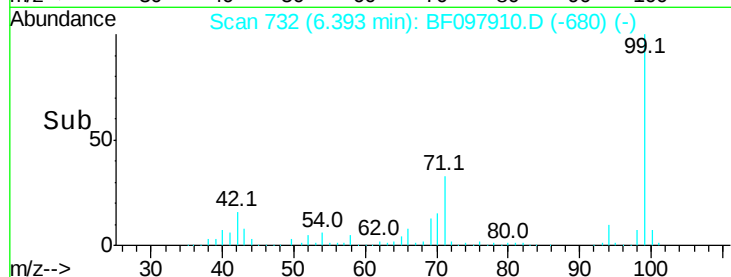
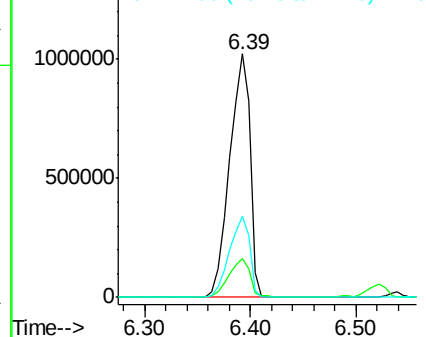
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.380 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

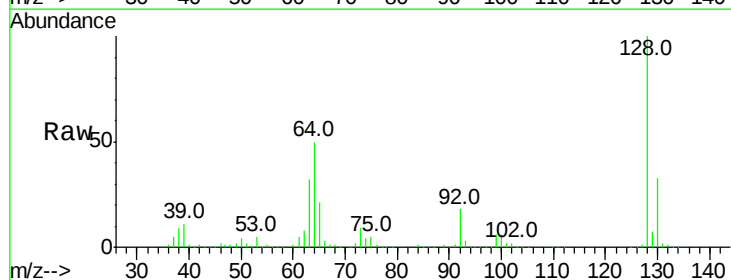
Tgt Ion:128 Resp: 356208

Ion Ratio Lower Upper

128 100

130 33.1 12.9 52.9

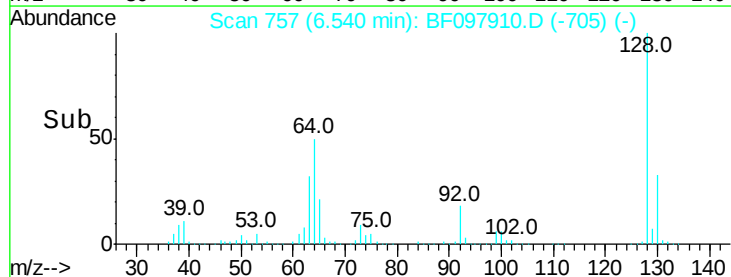
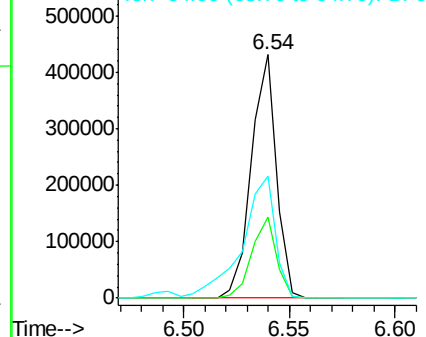
64 50.1 28.4 68.4

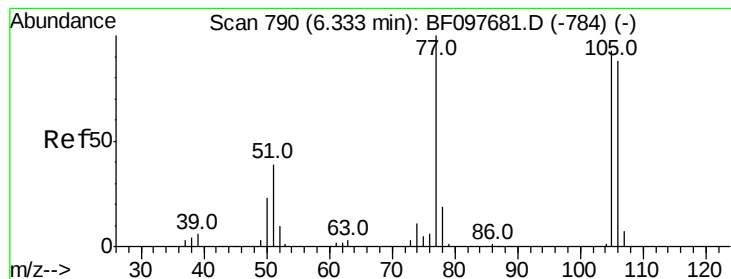


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 37.201 ng

RT: 6.30 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

Instrument :

BNA_F

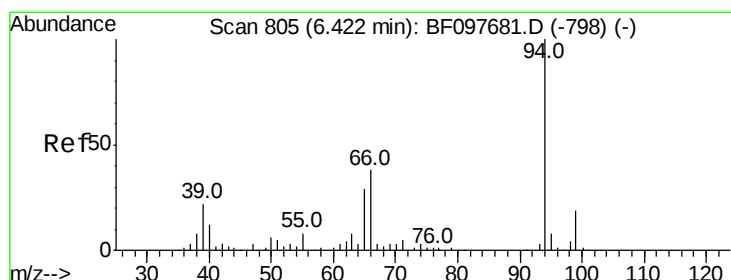
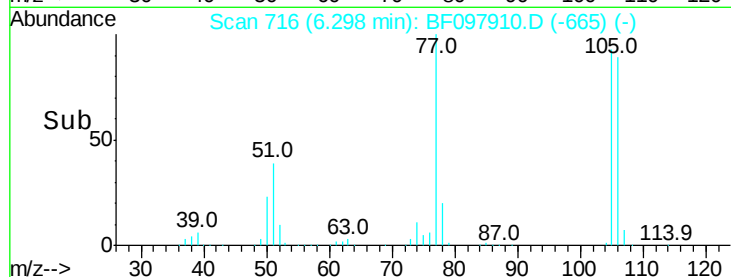
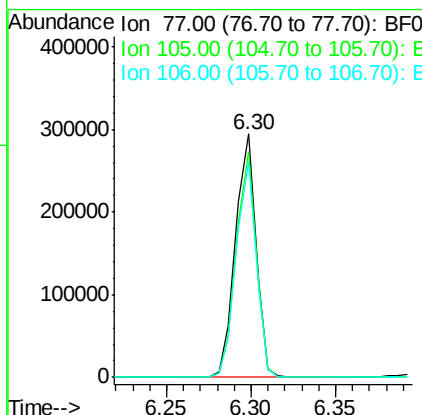
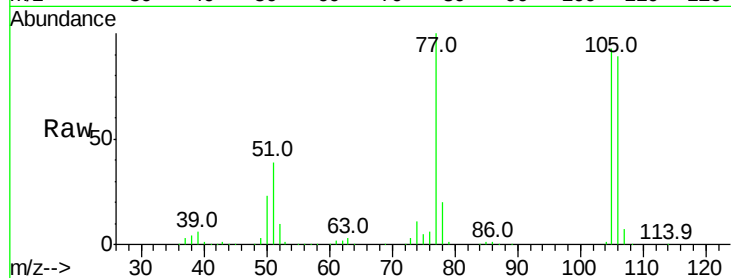
ClientSampleId :

PB101695BS

Tot Ion:	77	Resp:	249281
Ion Ratio	Lower	Upper	
77	100		
105	92.8	83.8	123.8
106	88.6	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 41.343 ng

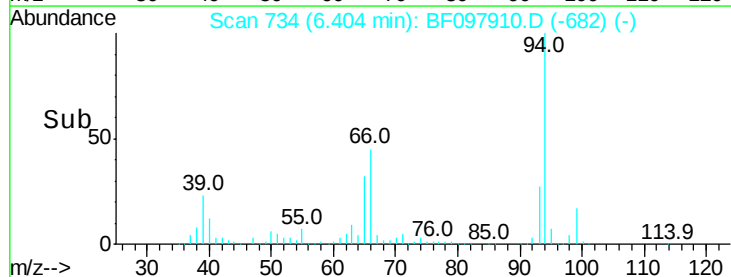
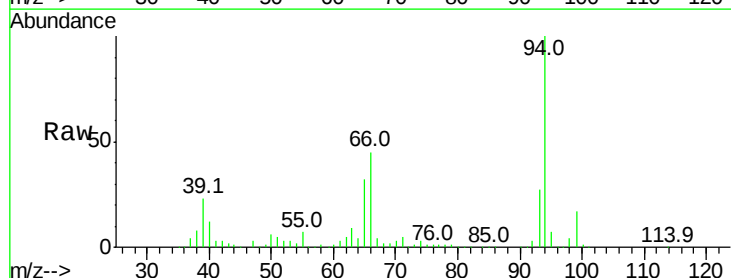
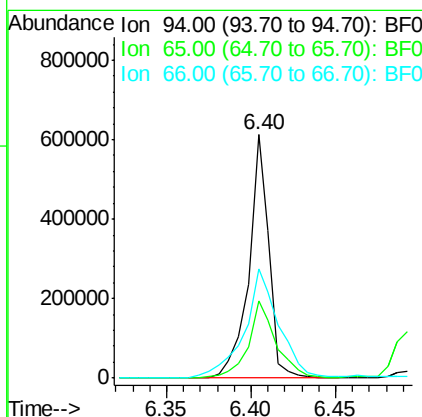
RT: 6.40 min Scan# 734

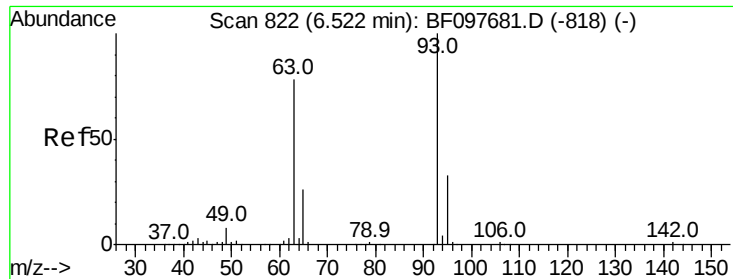
Delta R.T. 0.01 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

Tgt Ion:	94	Resp:	511526
Ion Ratio	Lower	Upper	
94	100		
65	31.5	9.9	49.9
66	44.9	23.1	63.1





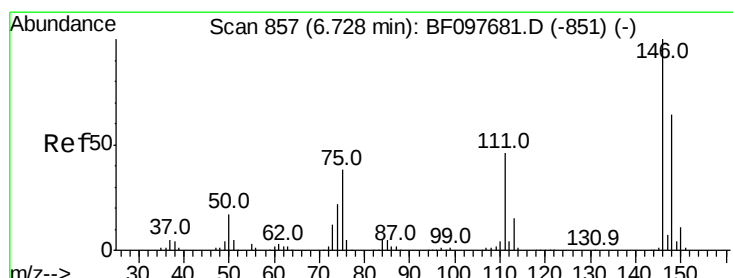
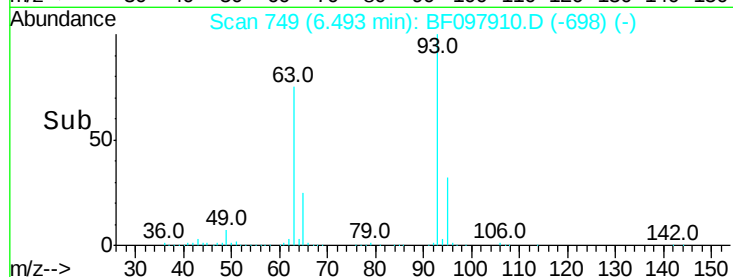
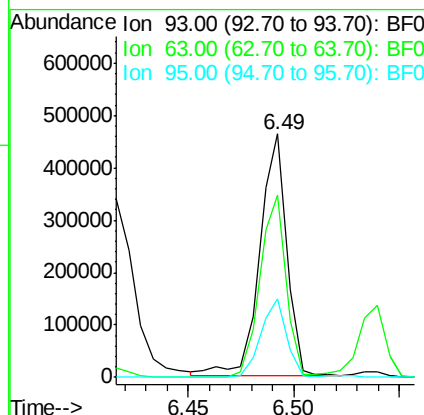
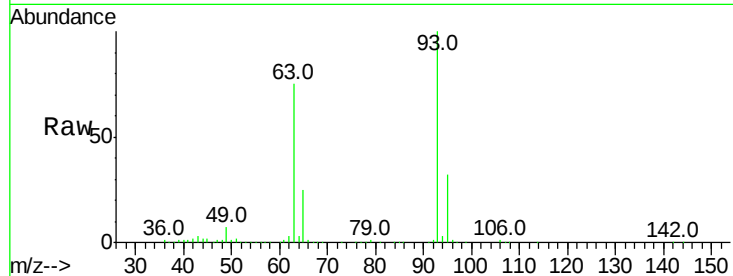
#11
bis(2-Chloroethyl)ether
Concen: 44.205 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

Instrument :
BNA_F
ClientSampleId :
PB101695BS

Tot Ion:	93	Resp:	412816
Ion Ratio	Lower	Upper	
93	100		
63	74.6	59.2	99.2
95	32.4	12.8	52.8

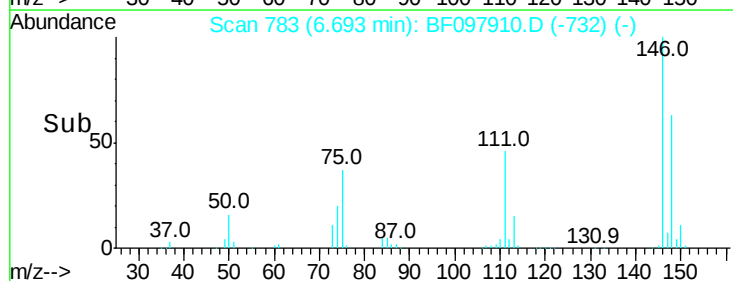
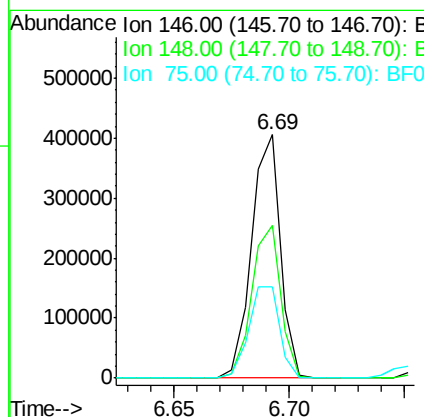
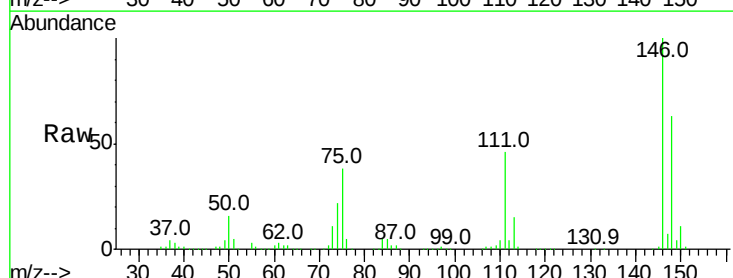
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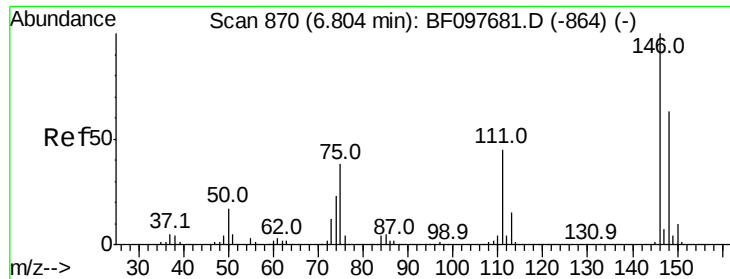
Sohil
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#12
1,3-Dichlorobenzene
Concen: 40.262 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

Tgt Ion:	146	Resp:	355616
Ion Ratio	Lower	Upper	
146	100		
148	63.0	51.8	77.6
75	37.6	23.1	34.7#





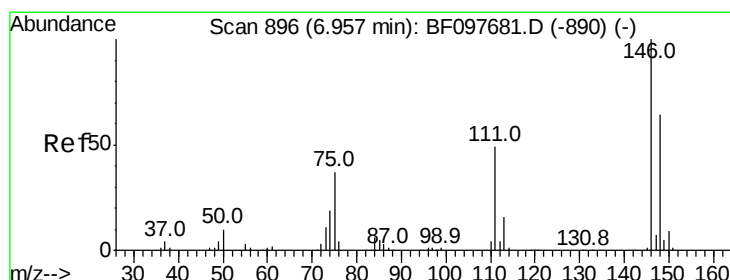
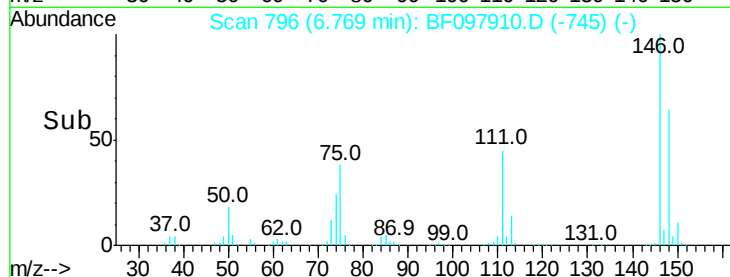
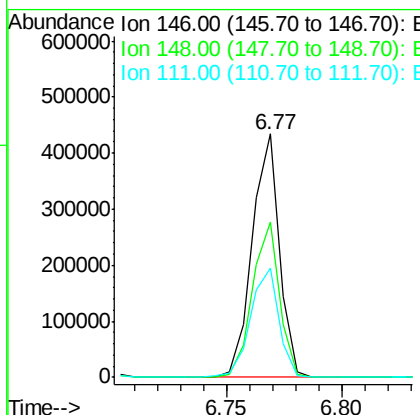
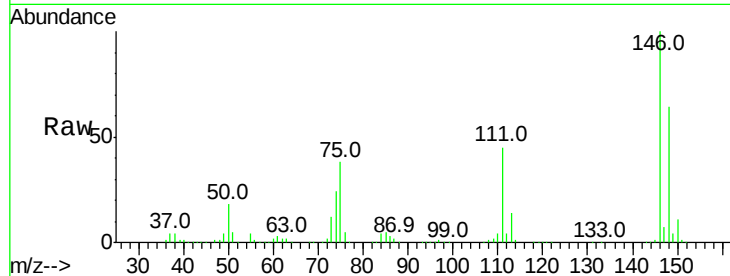
#13
 1,4-Dichlorobenzene
 Concen: 39.858 ng
 RT: 6.77 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF097910.D
 Acq: 21 Aug 2017 17:30

Instrument :
 BNA_F
 ClientSampleId :
 PB101695BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.2	78.2
111	45.1	30.3	45.5

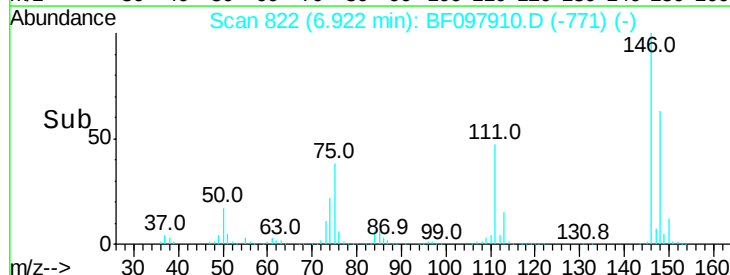
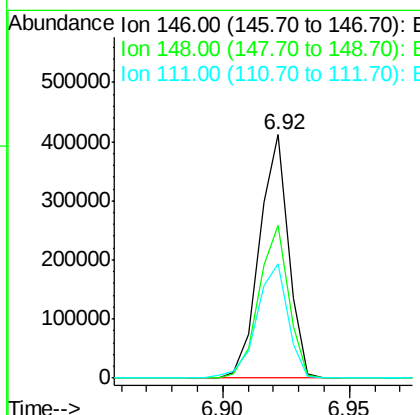
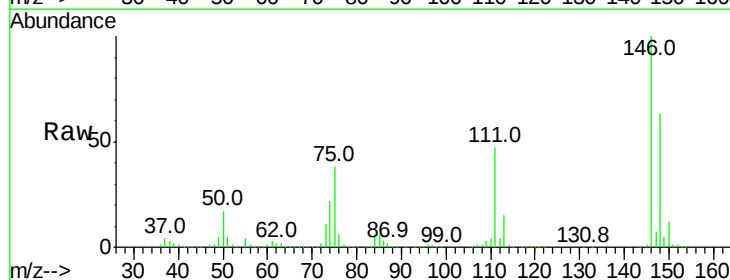
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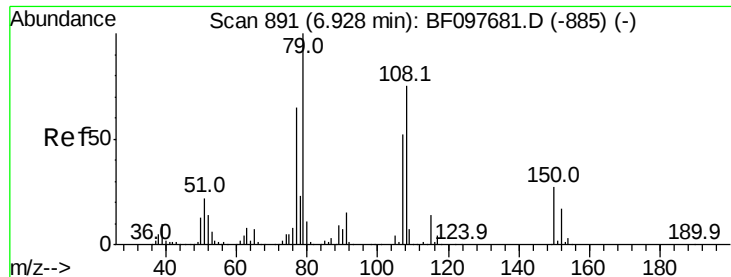
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#14
 1,2-Dichlorobenzene
 Concen: 39.912 ng
 RT: 6.92 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF097910.D
 Acq: 21 Aug 2017 17:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.4	75.6
111	46.8	38.2	57.4





#15

Benzyl Alcohol

Concen: 44.826 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.01 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

Instrument :

BNA_F

ClientSampleId :

PB101695BS

Tot Ion: 79 Resp: 355039

Ion Ratio Lower Upper

79 100

108 75.5 63.4 95.0

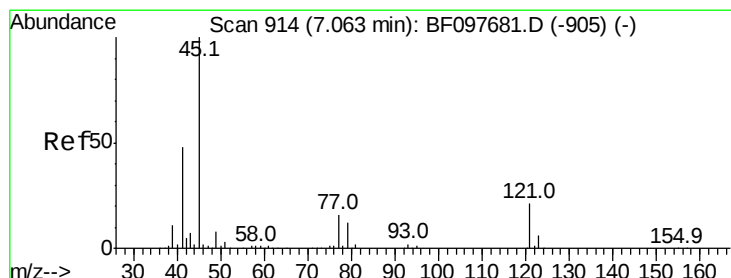
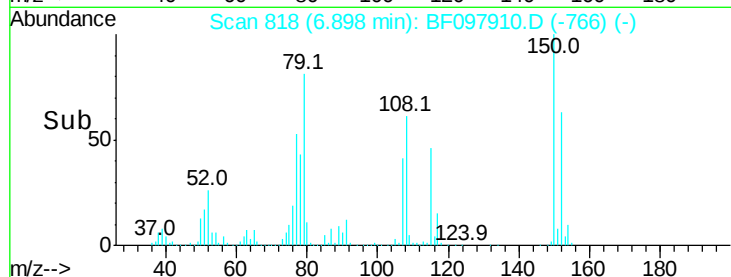
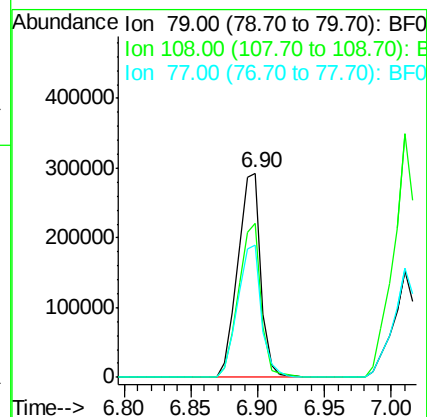
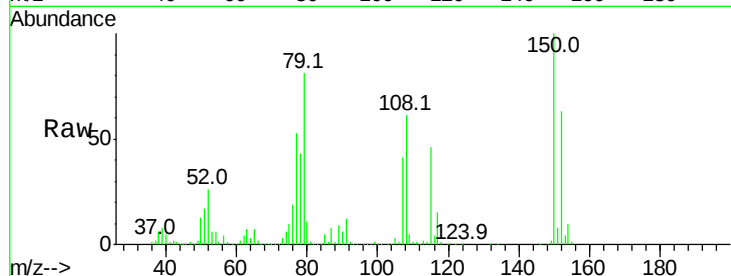
77 64.9 49.2 73.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.950 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

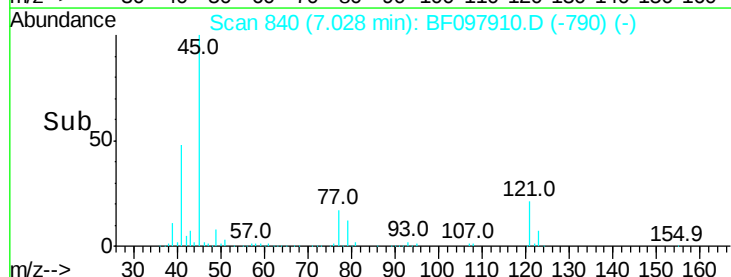
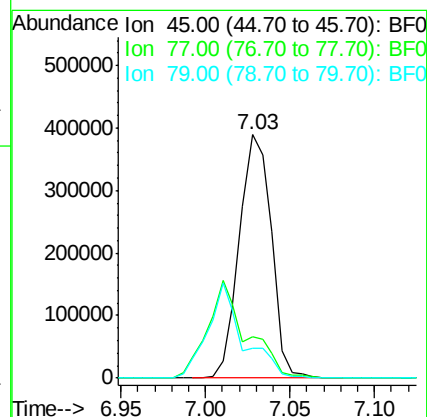
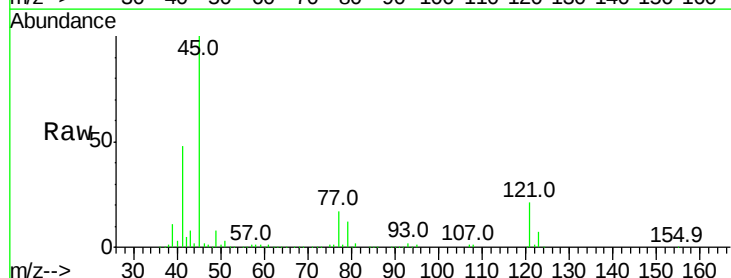
Tgt Ion: 45 Resp: 514524

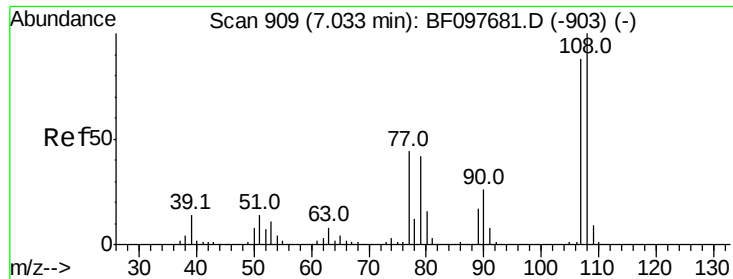
Ion Ratio Lower Upper

45 100

77 16.9 0.0 33.2

79 12.4 0.0 30.0





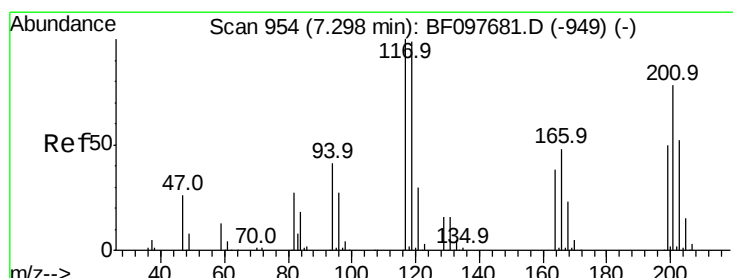
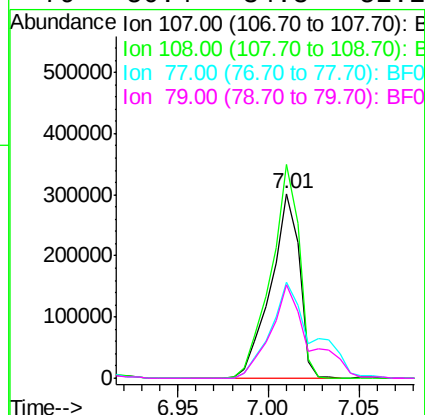
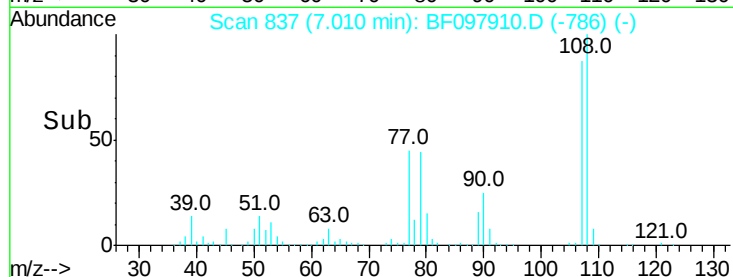
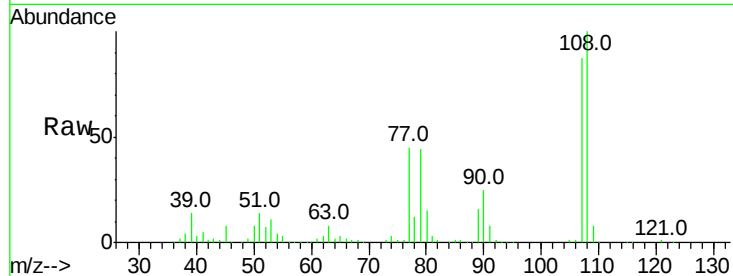
#17
2-Methylphenol
Concen: 45.596 ng
RT: 7.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

Instrument :
BNA_F
ClientSampled :
PB101695BS

Tot Ion	107	Resp	329942
Ion Ratio	Lower	Upper	
107	100		
108	115.6	93.4	140.0
77	51.7	35.8	53.6
79	50.4	34.8	52.2

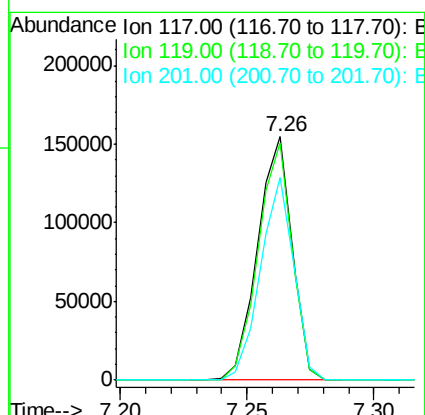
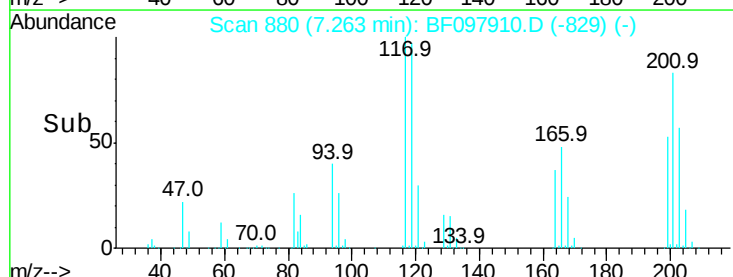
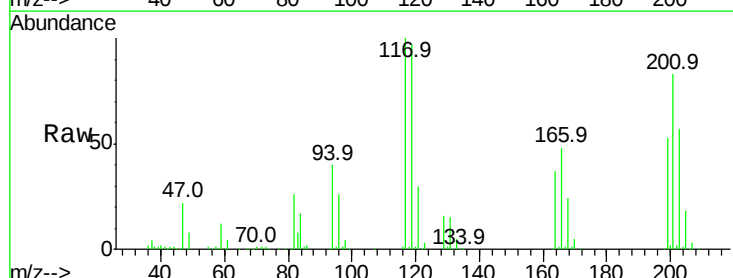
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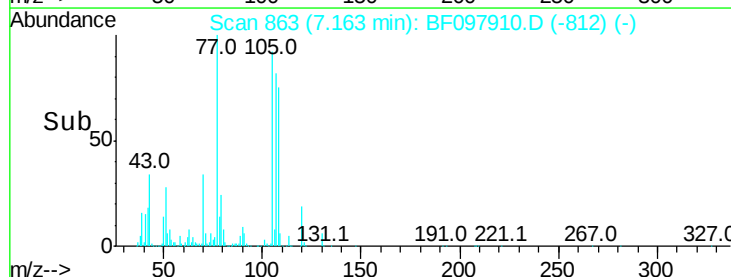
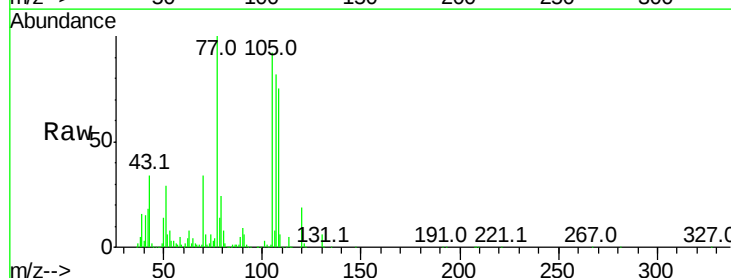
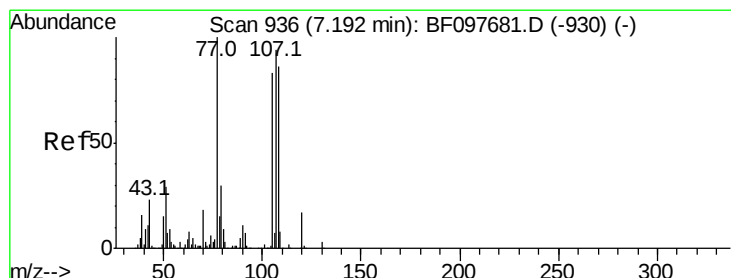
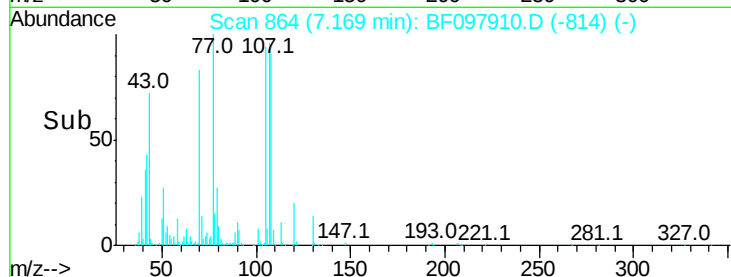
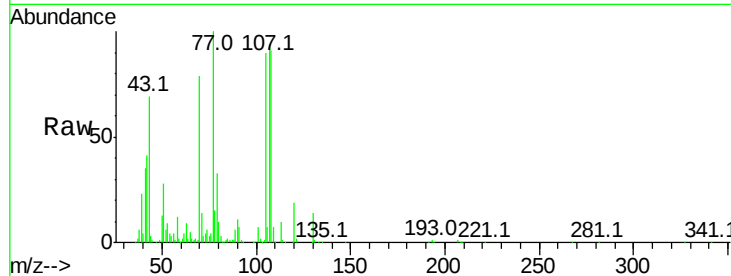
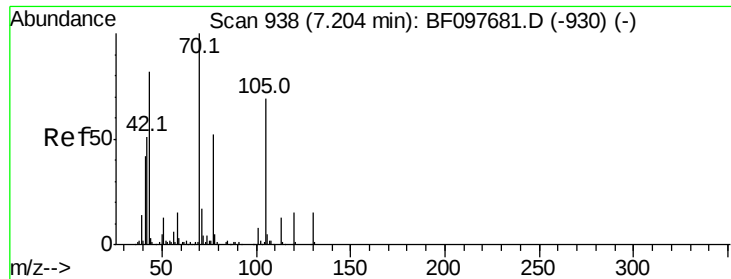
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#18
Hexachloroethane
Concen: 41.817 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

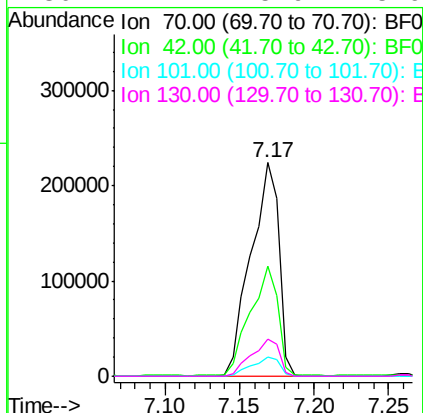
Tgt Ion	117	Resp	147277
Ion Ratio	Lower	Upper	
117	100		
119	97.4	77.4	116.0
201	83.4	94.6	141.8#





#19
n-Nitroso-di-n-propylamine
Concen: 40.123 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

Tot Ion	Ratio	Resp	Lower	Upper
70	100			
42	51.5	47.2	70.8	
101	9.1	7.2	10.8	
130	17.4	15.9	23.9	



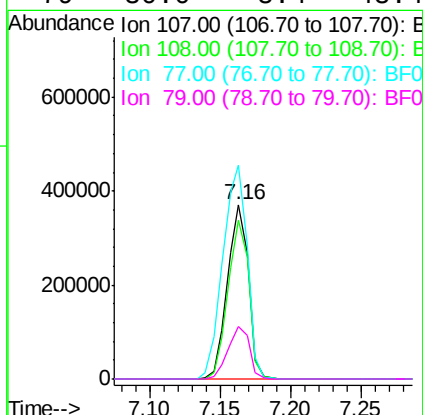
Instrument :
BNA_F
ClientSampleId :
PB101695BS

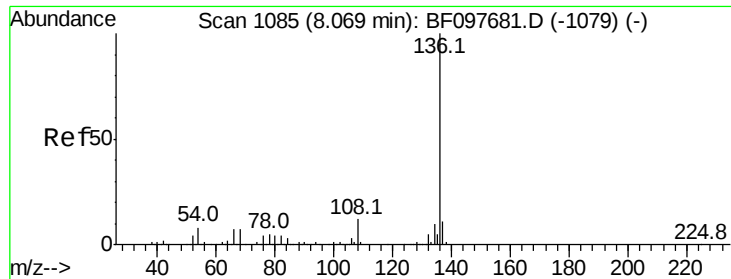
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#20
3+4-Methylphenols
Concen: 43.197 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	91.4	71.0	111.0	
77	122.5	90.5	130.5	
79	30.0	8.4	48.4	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

Instrument :

BNA_F

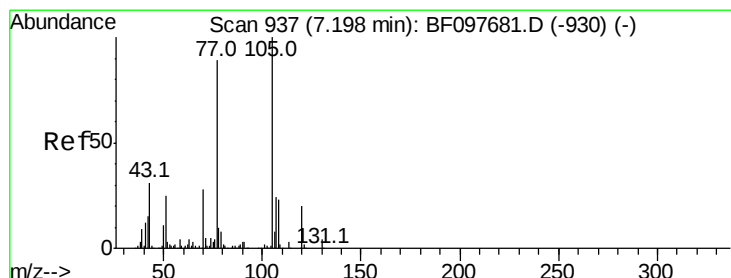
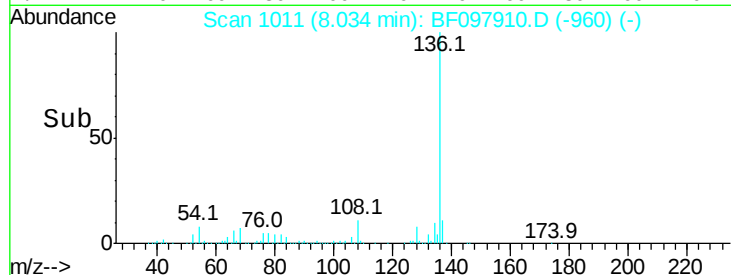
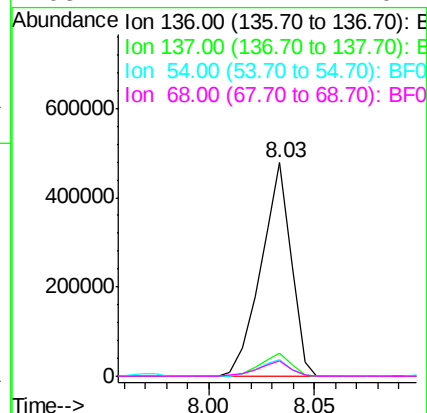
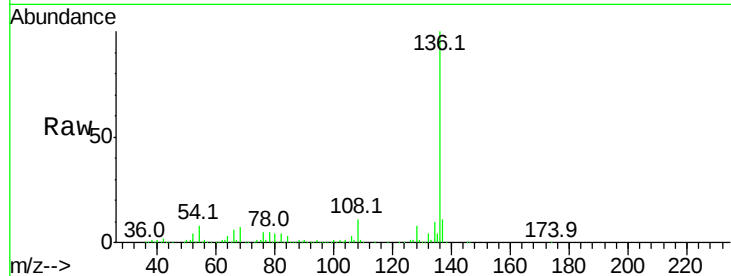
ClientSampleId :

PB101695BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	473899		
137	10.9	8.5	12.7	
54	7.6	4.9	7.3#	
68	7.4	4.1	6.1#	

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#22

Acetophenone

Concen: 41.063 ng

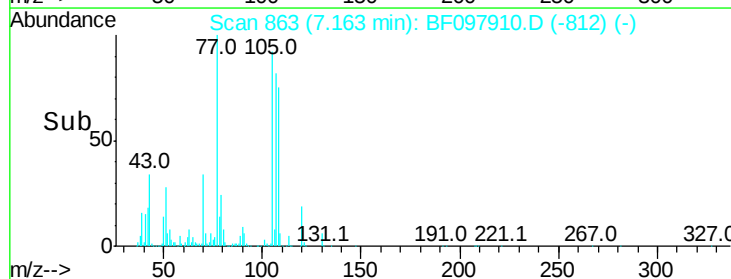
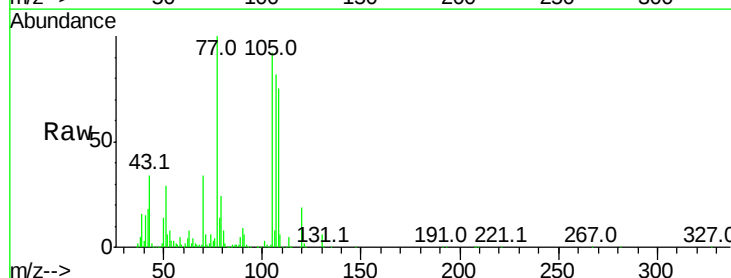
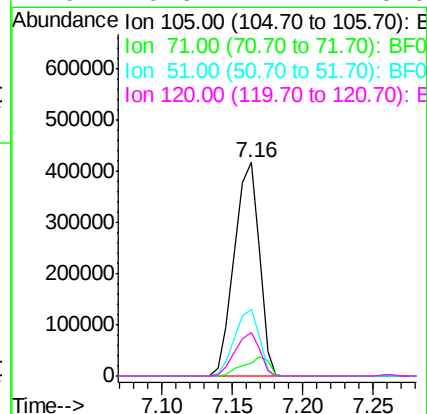
RT: 7.16 min Scan# 863

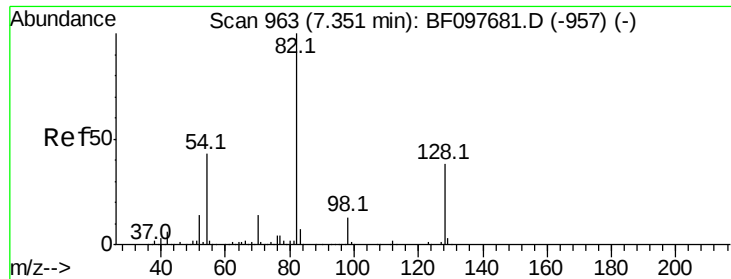
Delta R.T. 0.00 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	514075		
71	6.2	2.8	4.2#	
51	31.1	30.7	46.1	
120	20.6	17.4	26.0	





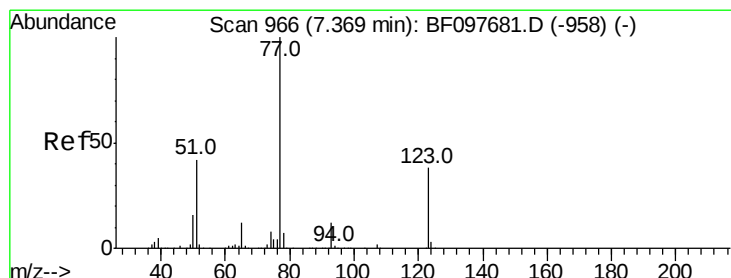
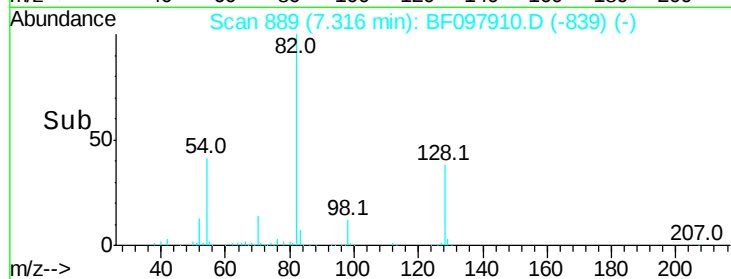
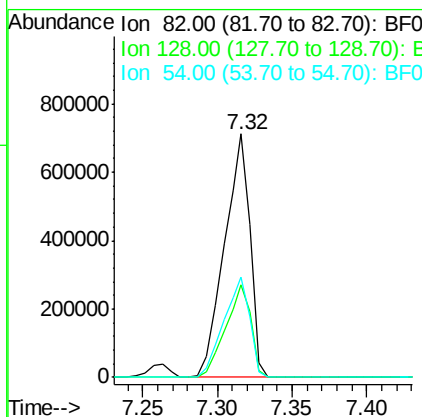
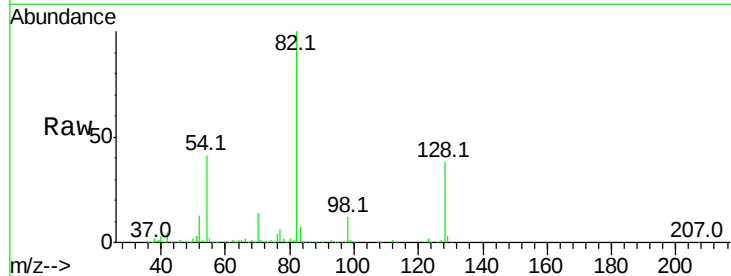
#23
 Nitrobenzene-d5
 Concen: 98.118 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF097910.D
 Acq: 21 Aug 2017 17:30

Instrument :
 BNA_F
 ClientSampleId :
 PB101695BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	38.0	34.0	51.0	
54	41.4	42.2	63.2	

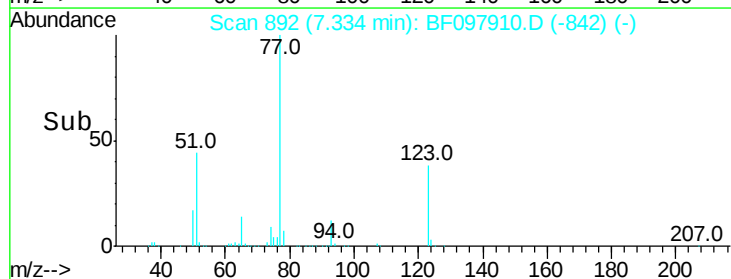
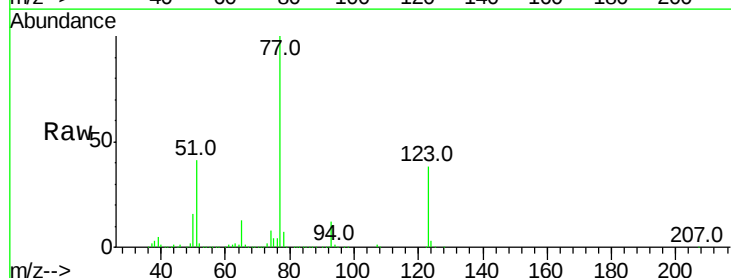
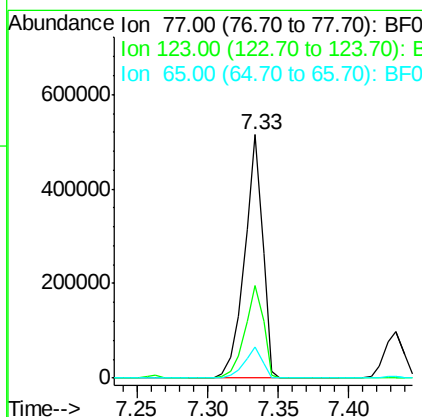
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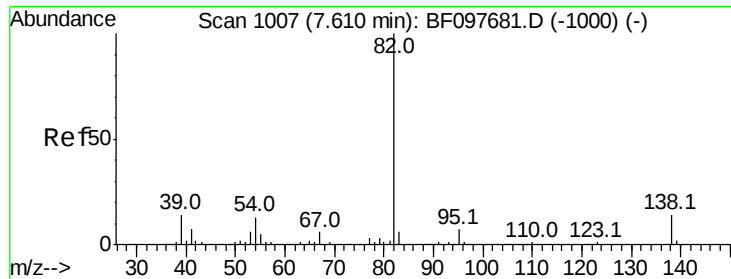
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#24
 Nitrobenzene
 Concen: 47.101 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF097910.D
 Acq: 21 Aug 2017 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	38.2	35.8	53.8	
65	13.0	10.6	15.8	





#25

Isophorone

Concen: 45.103 ng

RT: 7.57 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

Instrument :

BNA_F

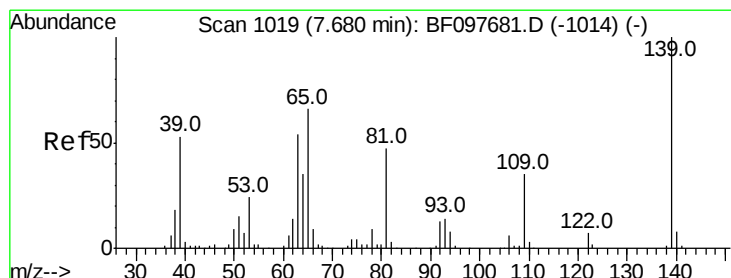
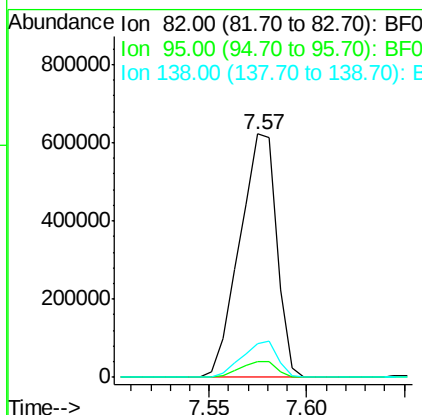
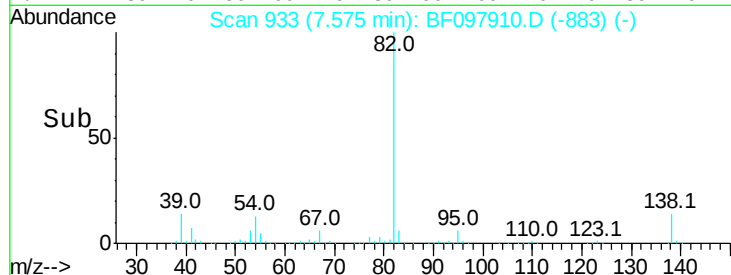
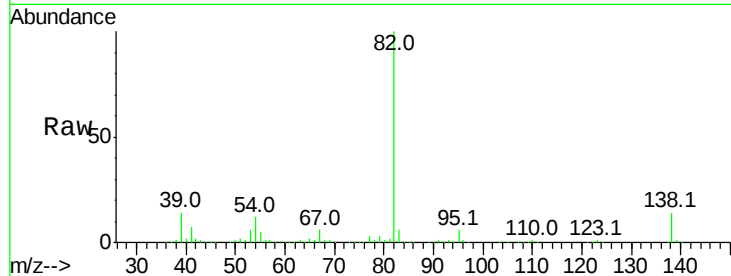
ClientSampleId :

PB101695BS

Tot Ion:	82	Resp:	818137
Ion Ratio	Lower	Upper	
82	100		
95	6.4	5.3	7.9
138	13.9	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 51.975 ng

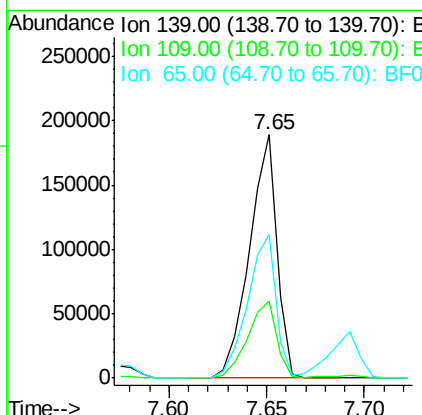
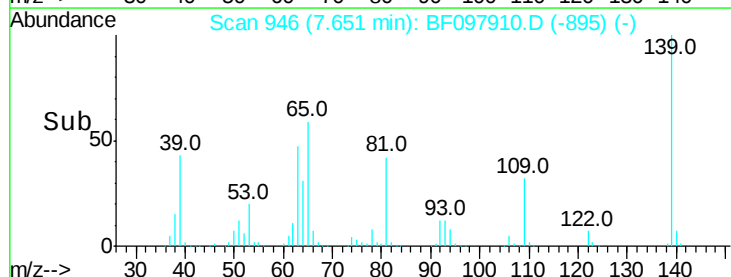
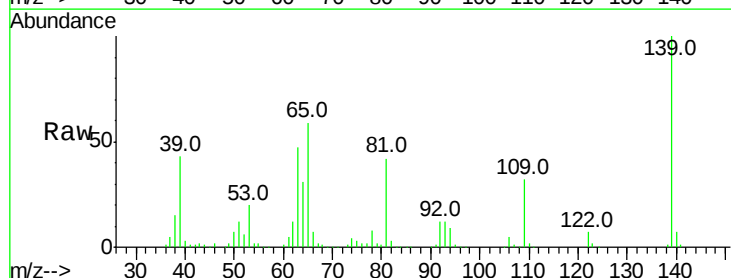
RT: 7.65 min Scan# 946

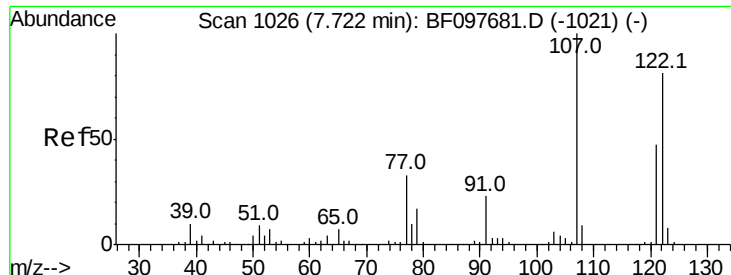
Delta R.T. 0.00 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

Tgt Ion:	139	Resp:	184620
Ion Ratio	Lower	Upper	
139	100		
109	31.6	21.0	31.6#
65	59.2	33.0	49.6#





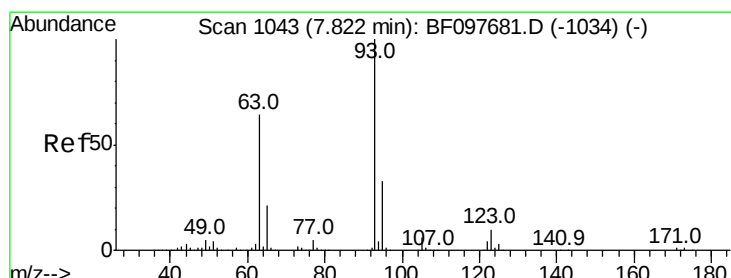
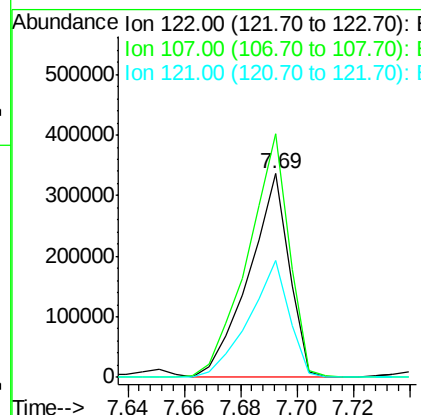
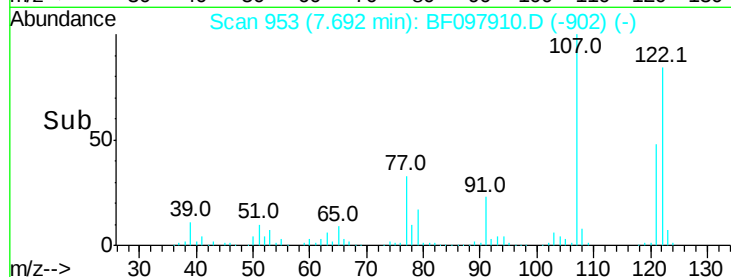
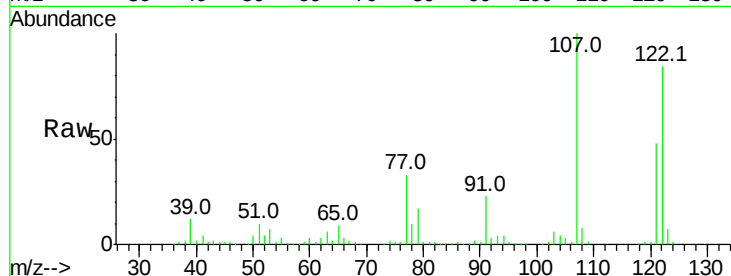
#27
 2,4-Dimethylphenol
 Concen: 44.213 ng
 RT: 7.69 min Scan# 953
 Delta R.T. 0.00 min
 Lab File: BF097910.D
 Acq: 21 Aug 2017 17:30

Instrument :
 BNA_F
 ClientSampled :
 PB101695BS

Tot Ion:	122	Resp:	334477
Ion Ratio	Lower	Upper	
122	100		
107	119.4	89.2	133.8
121	57.1	45.2	67.8

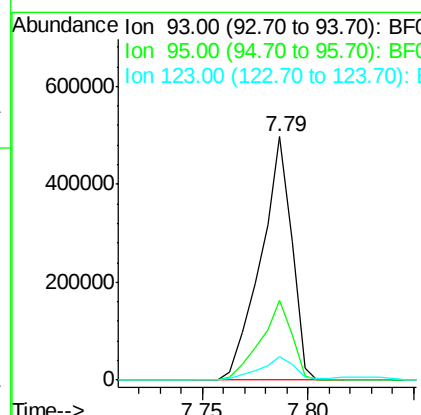
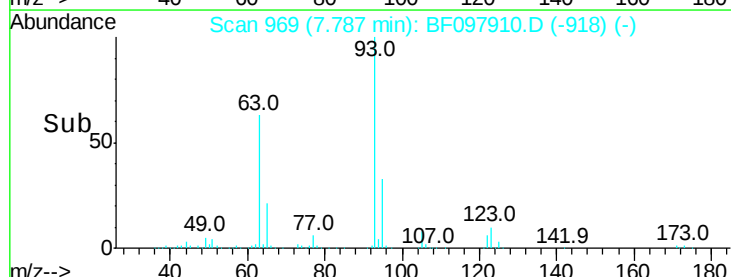
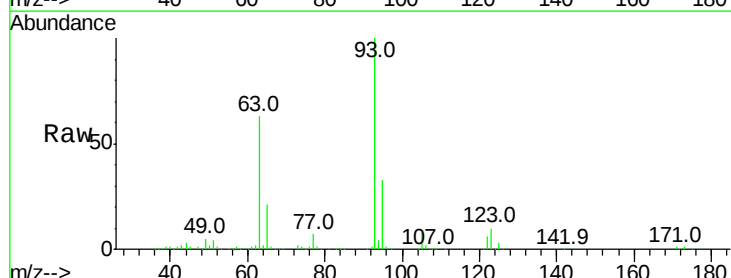
Manual Integrations
 APPROVED

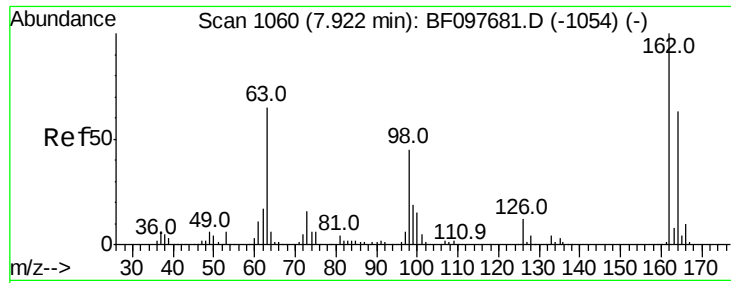
Sohil
 8/22/2017 5:43:59 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.611 ng
 RT: 7.79 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BF097910.D
 Acq: 21 Aug 2017 17:30

Tgt Ion:	93	Resp:	508152
Ion Ratio	Lower	Upper	
93	100		
95	32.6	26.5	39.7
123	9.6	9.0	13.4





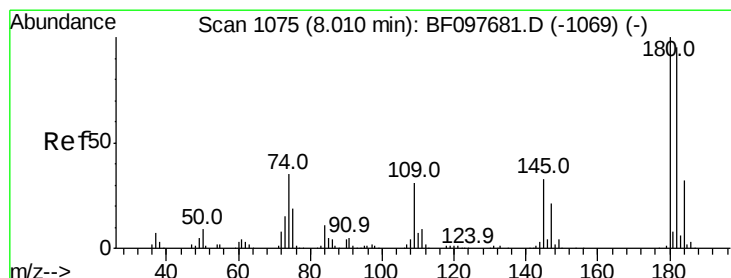
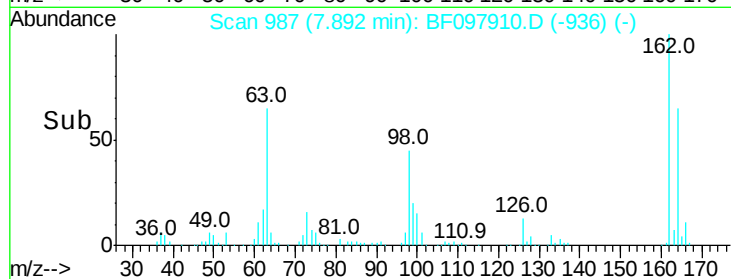
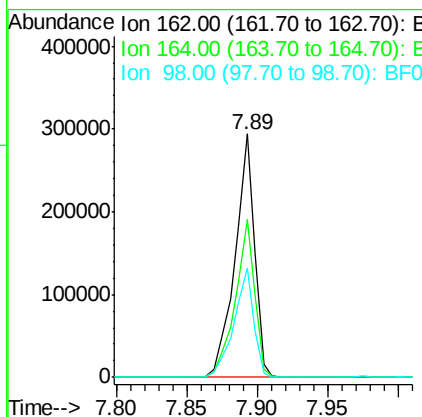
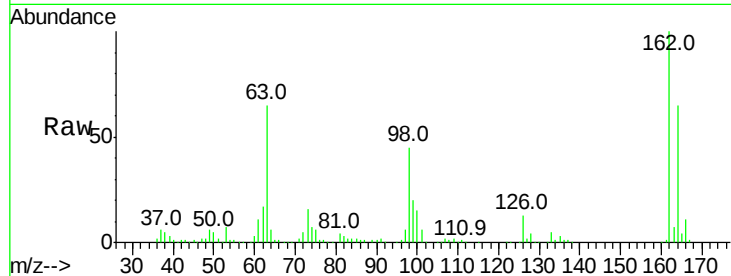
#29
 2,4-Dichlorophenol
 Concen: 45.012 ng
 RT: 7.89 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: BF097910.D
 Acq: 21 Aug 2017 17:30

Instrument :
 BNA_F
 ClientSampleId :
 PB101695BS

Tot Ion:	162	Resp:	282662
Ion Ratio	Lower	Upper	
162	100		
164	64.7	44.6	84.6
98	45.1	14.8	54.8

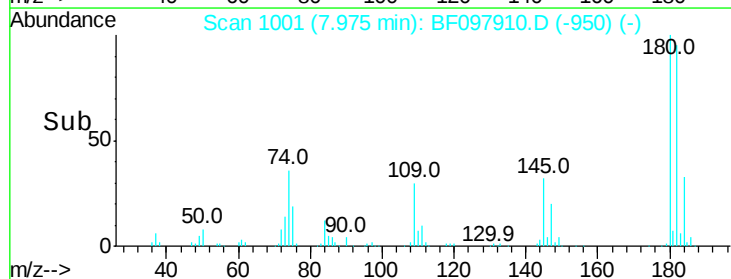
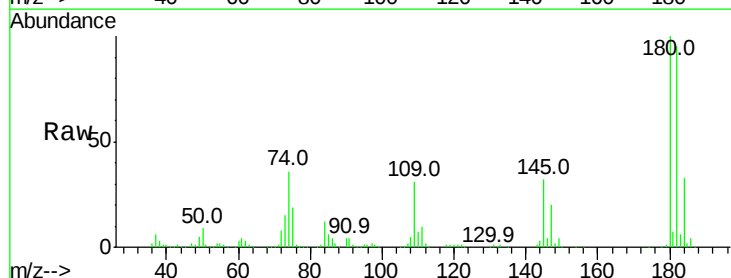
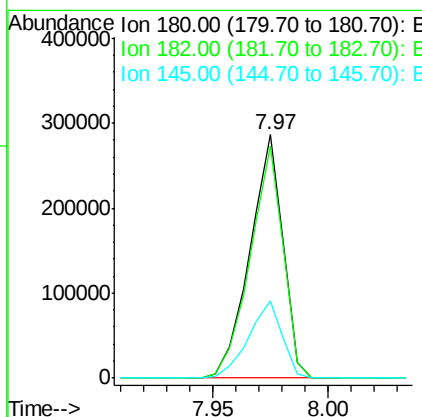
Manual Integrations
 APPROVED

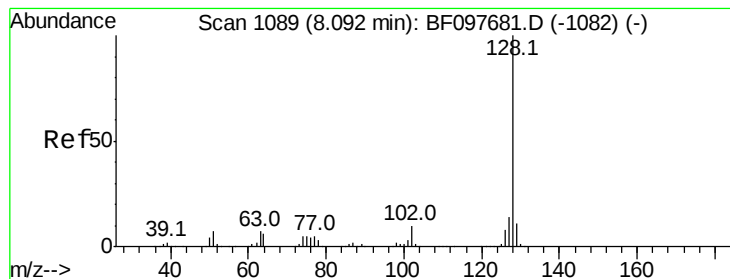
Sohil
 8/22/2017 5:43:59 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 41.001 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: BF097910.D
 Acq: 21 Aug 2017 17:30

Tgt Ion:	180	Resp:	285430
Ion Ratio	Lower	Upper	
180	100		
182	95.2	75.8	113.6
145	31.8	25.3	37.9





#31

Naphthalene

Concen: 41.427 ng

RT: 8.06 min Scan# 1015

Delta R.T. 0.00 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

Instrument :

BNA_F

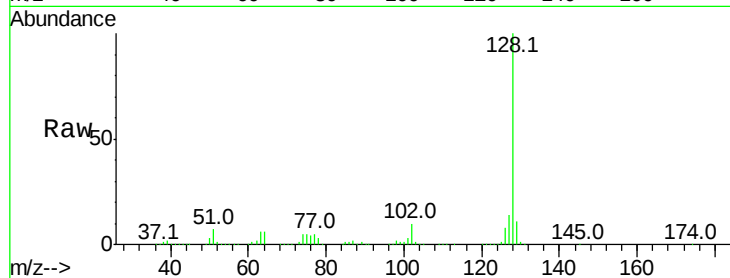
ClientSampleId :

PB101695BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	13.7	10.8	16.2

Manual Integrations
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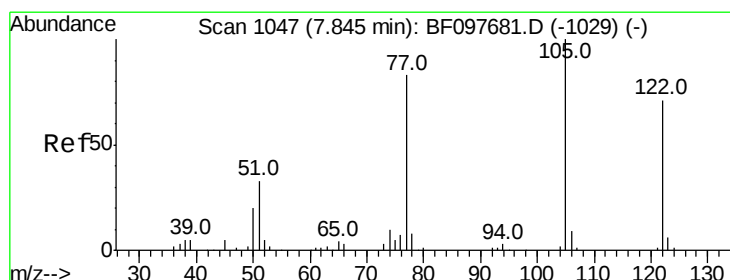
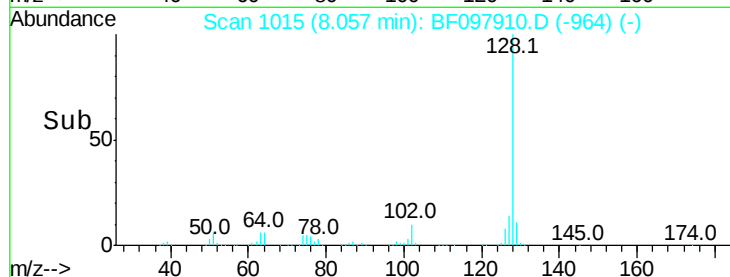
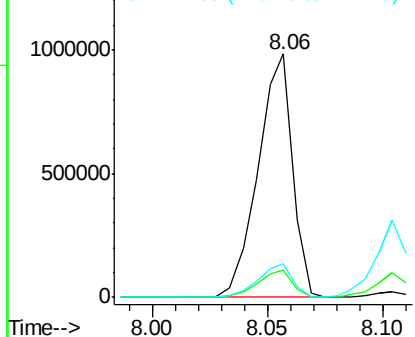
Sohil
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 45.436 ng

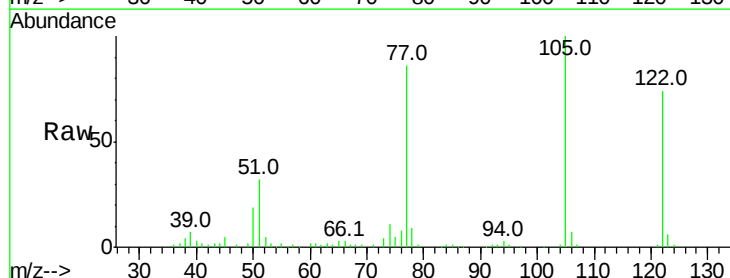
RT: 7.83 min Scan# 977

Delta R.T. 0.00 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

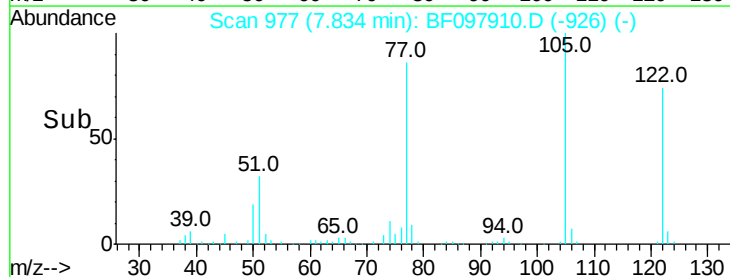
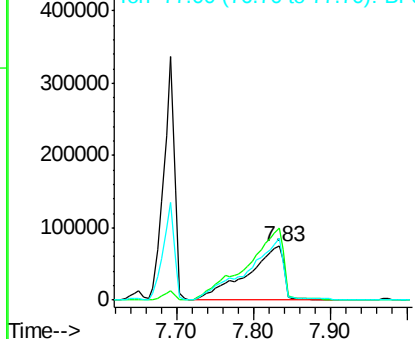
Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.6	103.3	143.3
77	116.1	73.7	113.7#

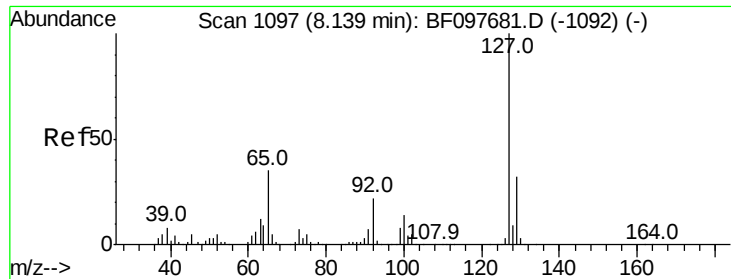


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





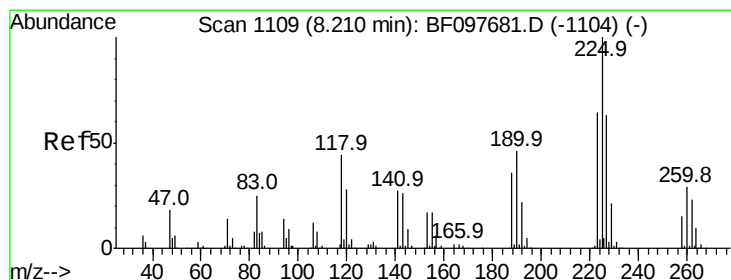
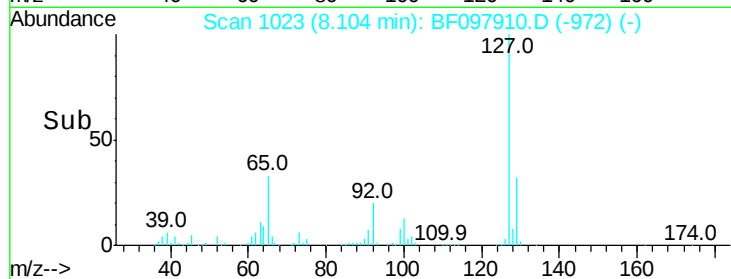
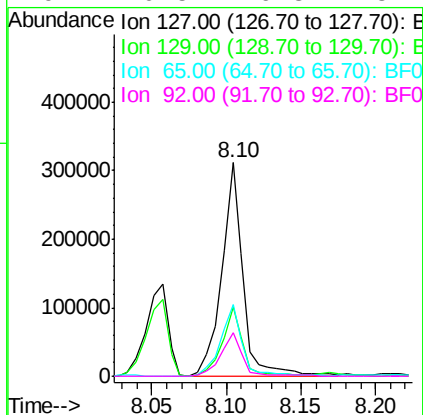
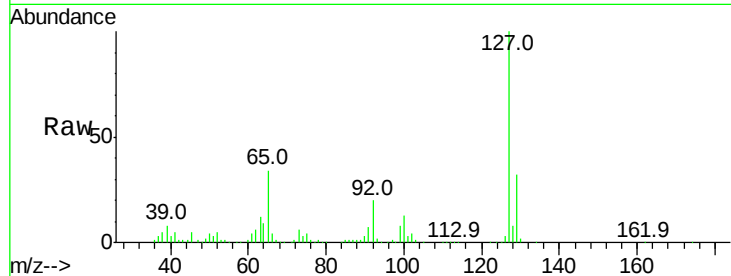
#33
4-Chloroaniline
Concen: 29.968 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

Instrument :
BNA_F
ClientSampleId :
PB101695BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.4	26.2	39.2	
65	33.7	27.8	41.8	
92	20.5	16.8	25.2	

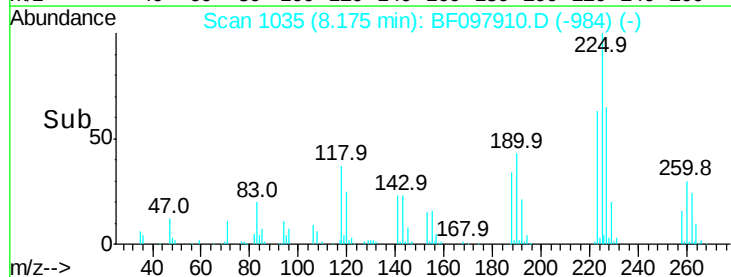
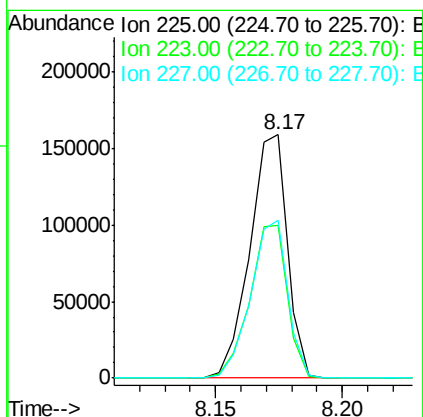
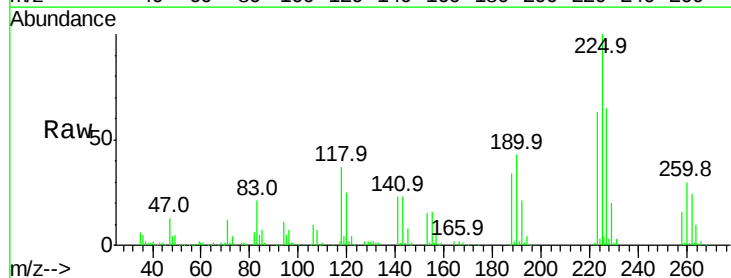
Manual Integrations
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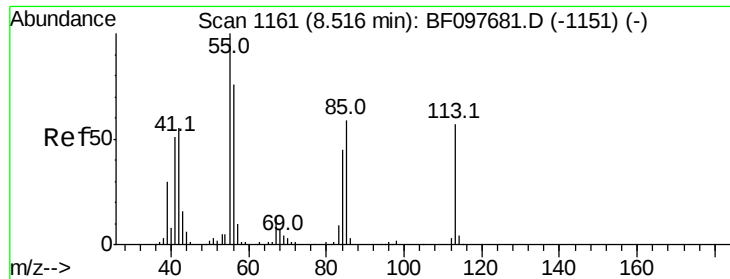
Sohil
8/22/2017 5:43:59 PM



#34
Hexachlorobutadiene
Concen: 40.329 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.9	48.8	73.2	
227	64.7	51.1	76.7	





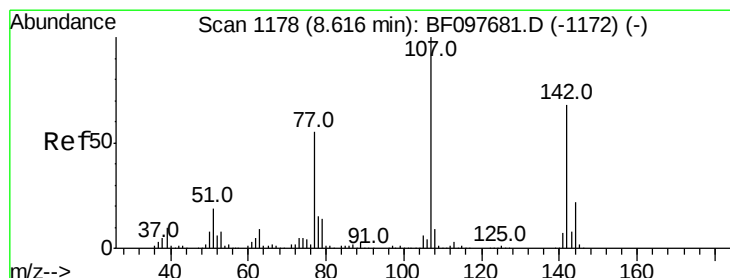
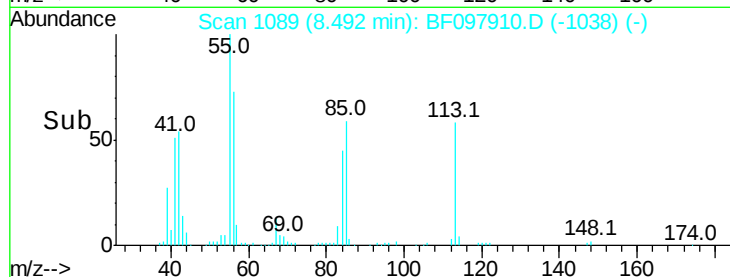
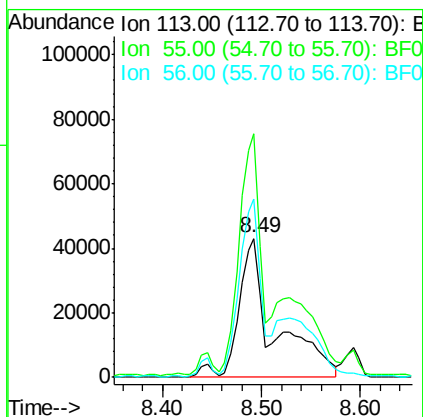
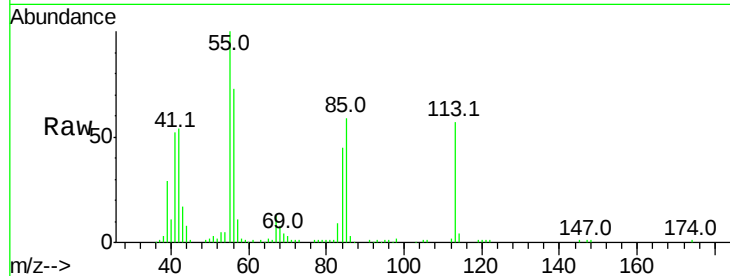
#35
 Caprolactam
 Concen: 50.305 ng/ml
 RT: 8.49 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF097910.D
 Acq: 21 Aug 2017 17:30

Instrument :
 BNA_F
 ClientSampleID :
 PB101695BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	175.5	150.2	190.2		
56	128.2	107.8	147.8		

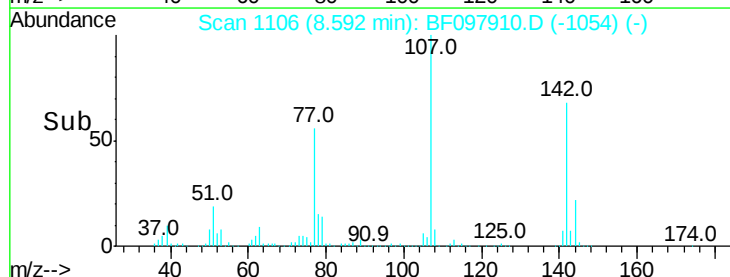
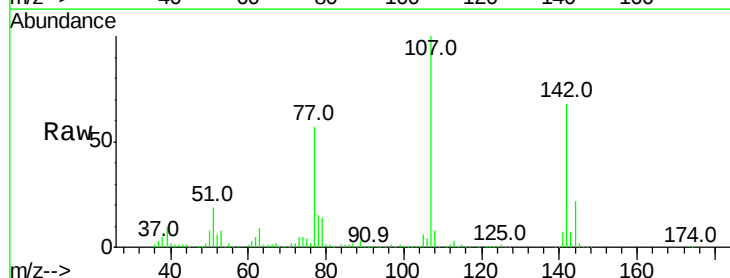
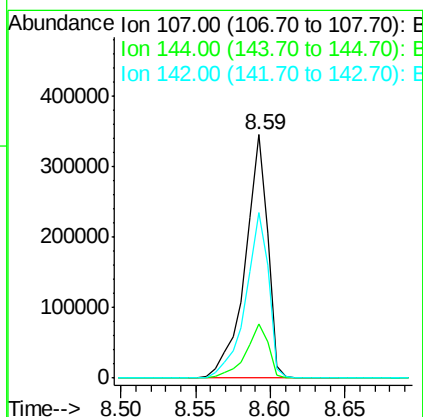
Manual Integrations
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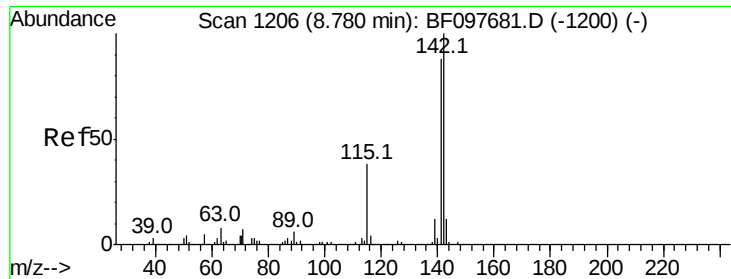
Sohil
 8/22/2017 5:43:59 PM



#36
 4-Chloro-3-methylphenol
 Concen: 44.599 ng/ml
 RT: 8.59 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BF097910.D
 Acq: 21 Aug 2017 17:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	22.1	24.2	36.4#		
142	67.9	73.4	110.0#		





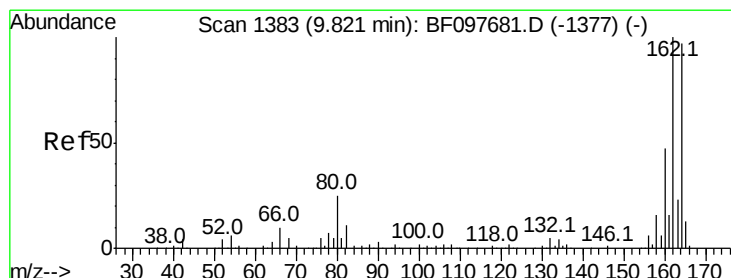
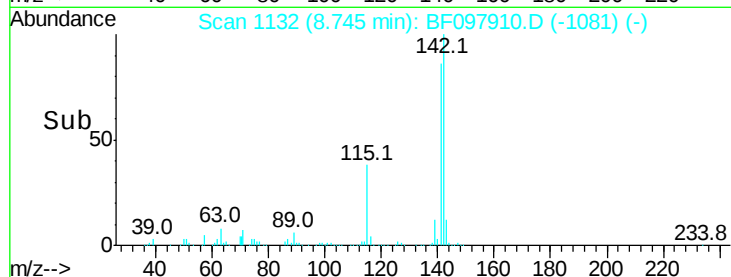
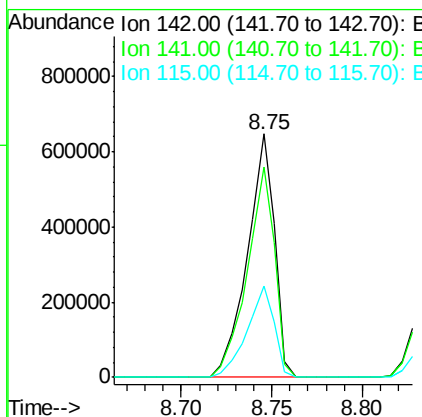
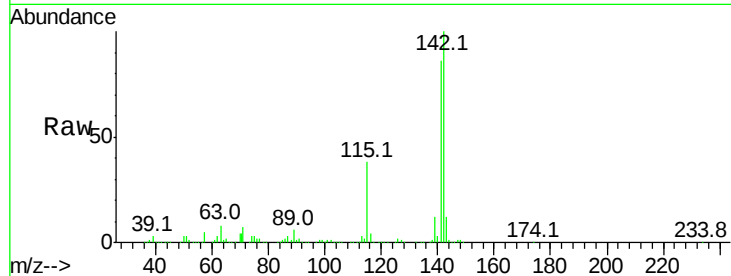
#37
2-Methylnaphthalene
Concen: 44.542 ng
RT: 8.75 min Scan# 1132
Delta R.T. 0.00 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

Instrument :
BNA_F
ClientSampleId :
PB101695BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	671853		
141	86.3	71.3	106.9	
115	37.6	27.1	40.7	

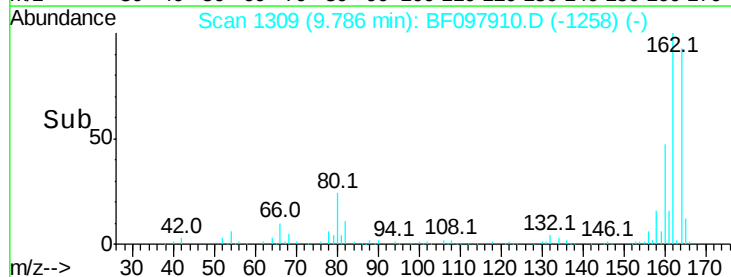
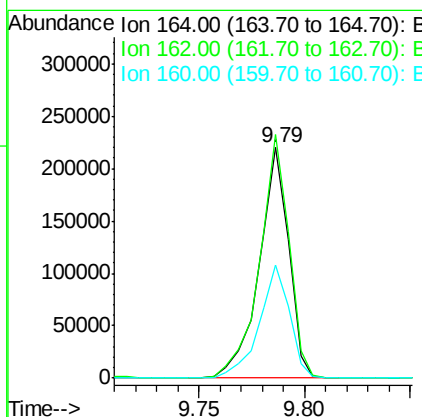
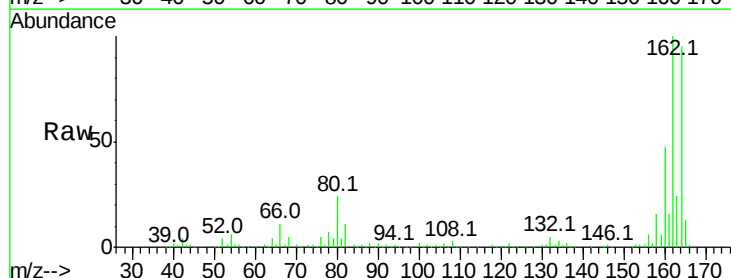
Manual Integrations
APPROVED

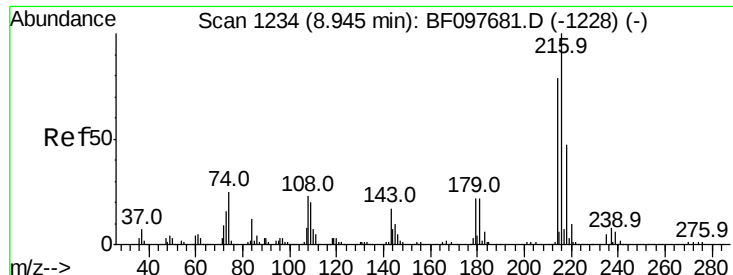
Sohil
8/22/2017 5:43:59 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	215367		
162	105.7	82.6	123.8	
160	49.2	36.2	54.2	





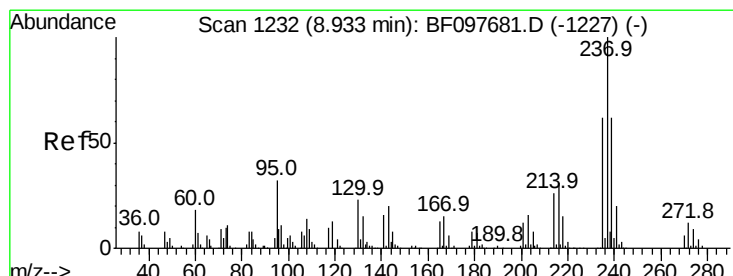
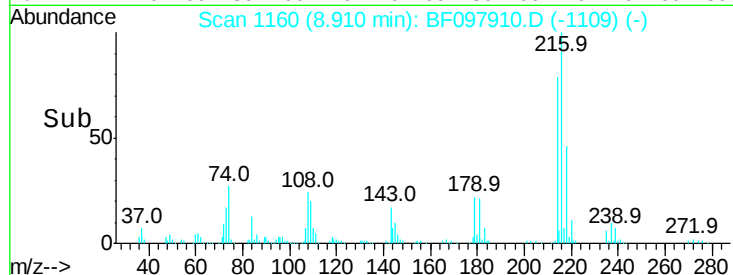
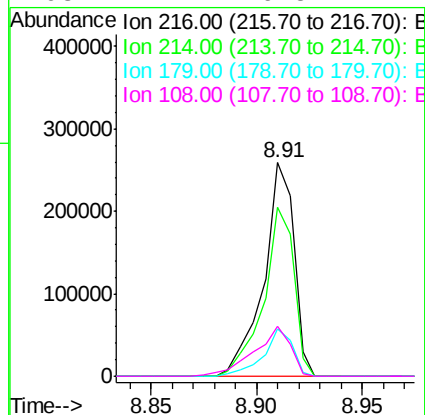
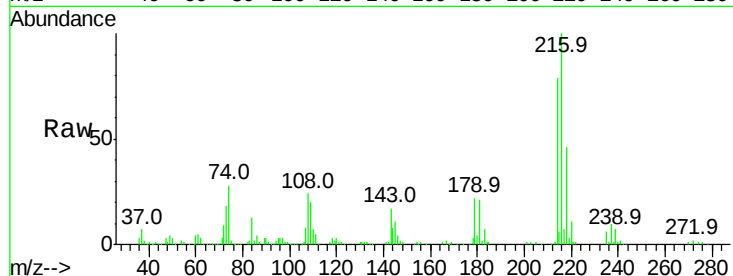
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.275 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BF097910.D
 Acq: 21 Aug 2017 17:30

Instrument :
 BNA_F
 ClientSampleId :
 PB101695BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.0	63.4	95.2
179	21.4	17.9	26.9
108	27.7	16.5	24.7

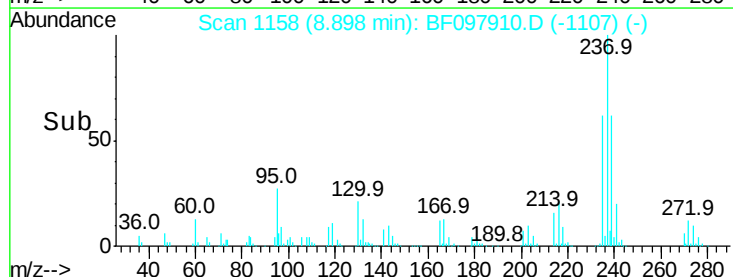
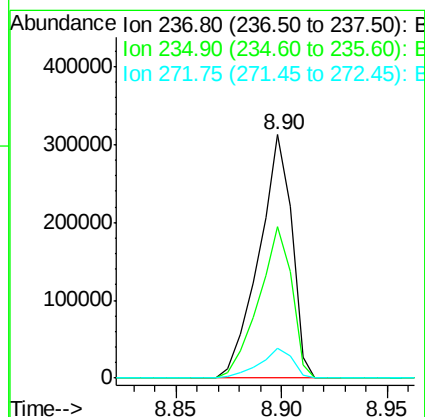
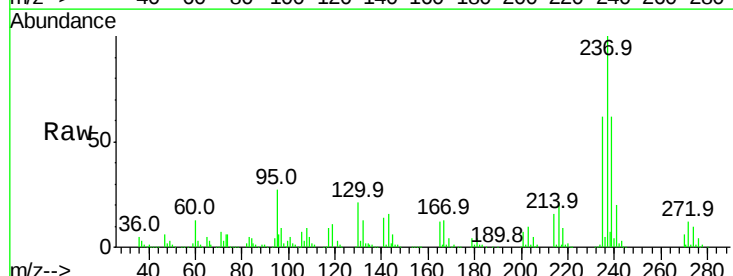
Manual Integrations
 APPROVED

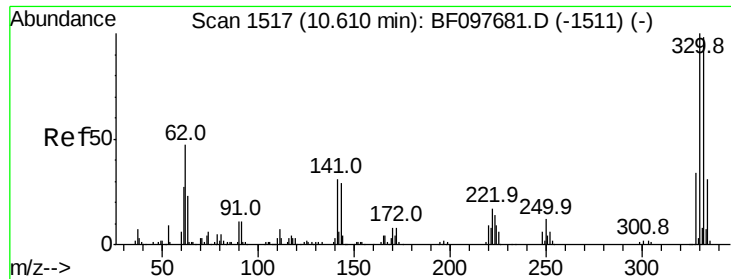
Sohil
 8/22/2017 5:43:59 PM



#40
 Hexachlorocyclopentadiene
 Concen: 106.340 ng
 RT: 8.90 min Scan# 1158
 Delta R.T. 0.00 min
 Lab File: BF097910.D
 Acq: 21 Aug 2017 17:30

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.4	42.6	82.6
272	12.2	0.0	31.9





#41

2,4,6-Tribromophenol

Concen: 141.946 ng

RT: 10.58 min Scan# 1444

Delta R.T. 0.01 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

Instrument :

BNA_F

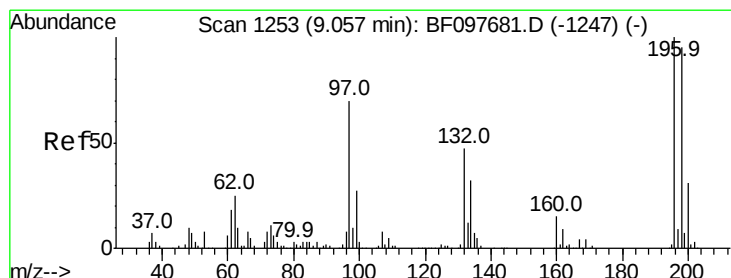
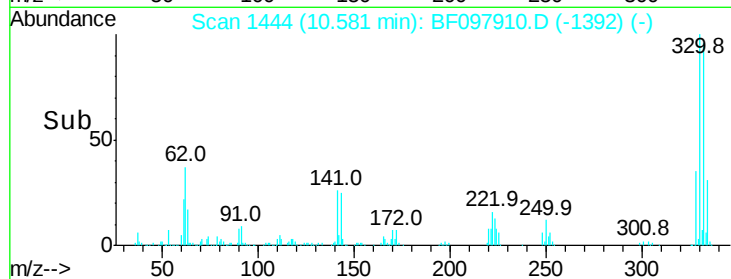
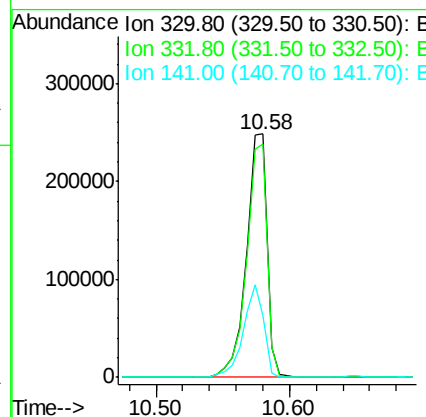
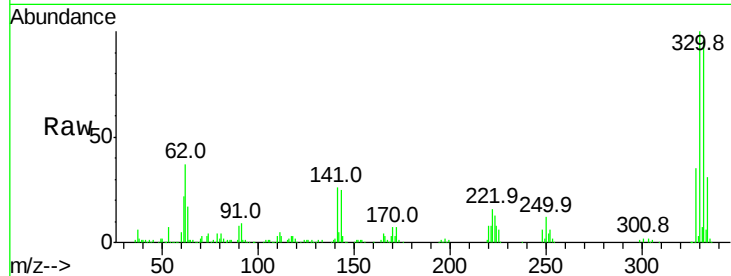
ClientSampleId :

PB101695BS

Tot Ion:	330	Resp:	265249
Ion Ratio	Lower	Upper	
330	100		
332	95.5	76.6	115.0
141	37.8	31.4	47.2

Manual Integrations
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#42

2,4,6-Trichlorophenol

Concen: 44.339 ng

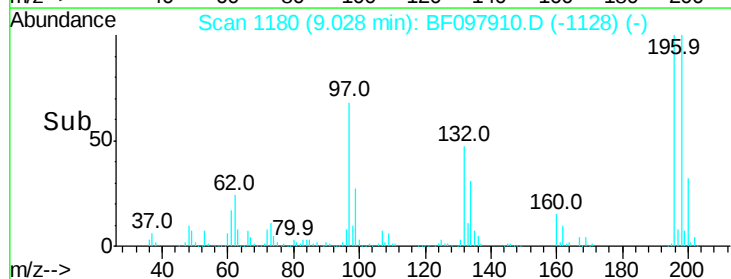
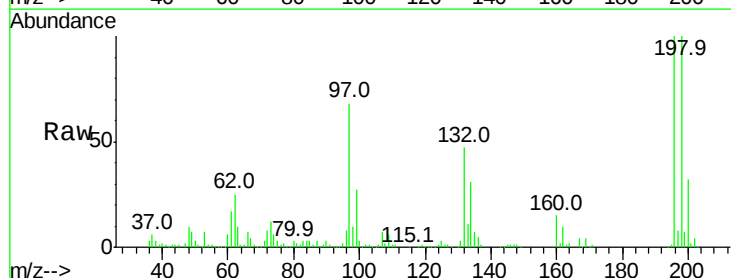
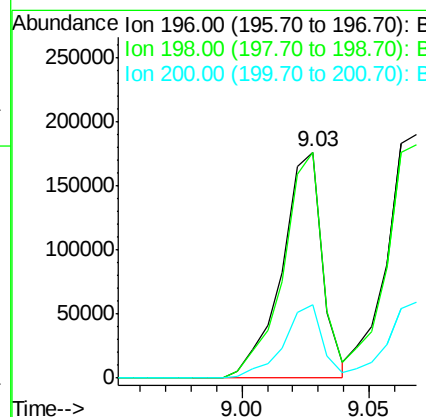
RT: 9.03 min Scan# 1180

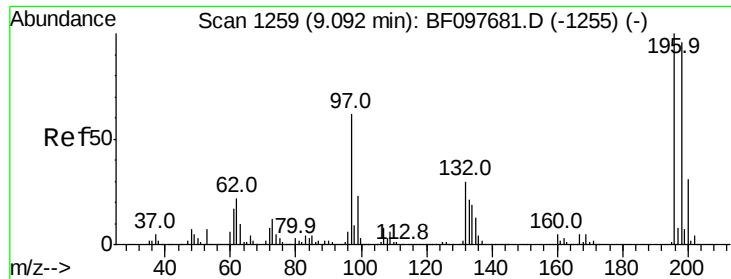
Delta R.T. 0.01 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

Tgt Ion:	196	Resp:	196752
Ion Ratio	Lower	Upper	
196	100		
198	99.9	74.2	111.4
200	32.2	24.0	36.0





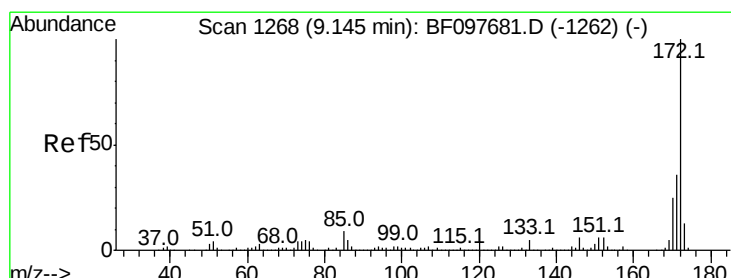
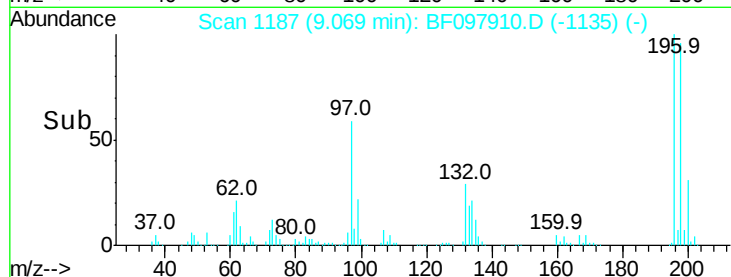
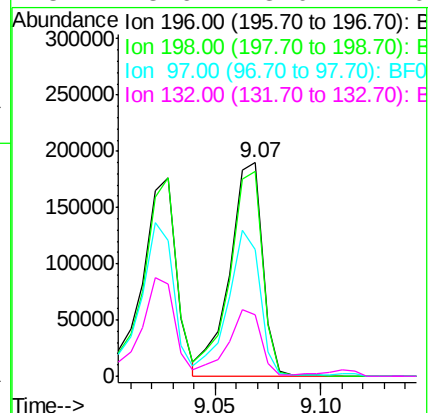
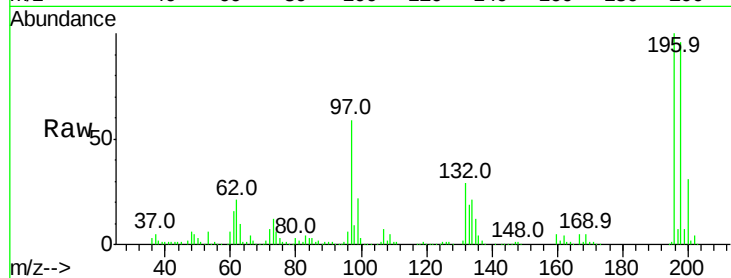
#43
 2,4,5-Trichlorophenol
 Concen: 46.616 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF097910.D
 Acq: 21 Aug 2017 17:30

Instrument :
 BNA_F
 ClientSampleId :
 PB101695BS

Tot Ion	196	Resp	205217
Ion Ratio	Lower	Upper	
196	100		
198	95.9	75.7	113.5
97	59.1	47.7	71.5
132	28.6	28.0	42.0

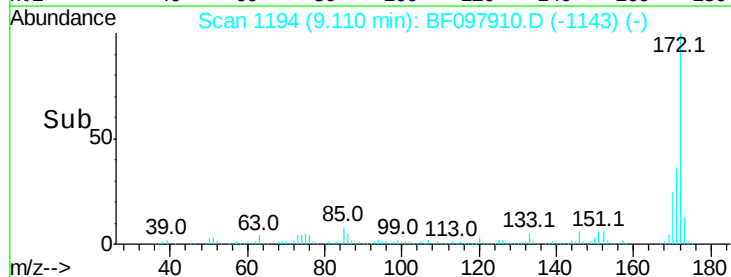
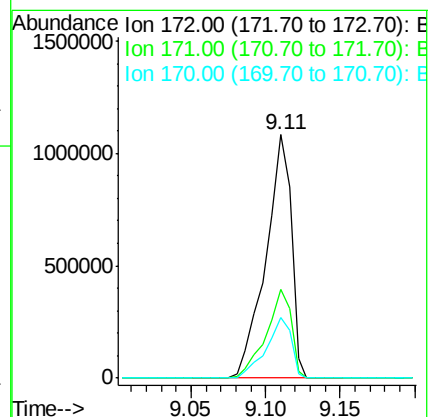
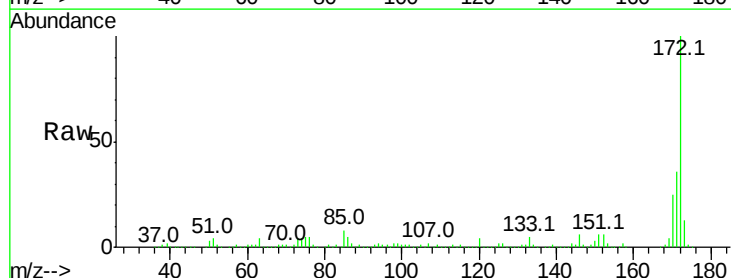
Manual Integrations
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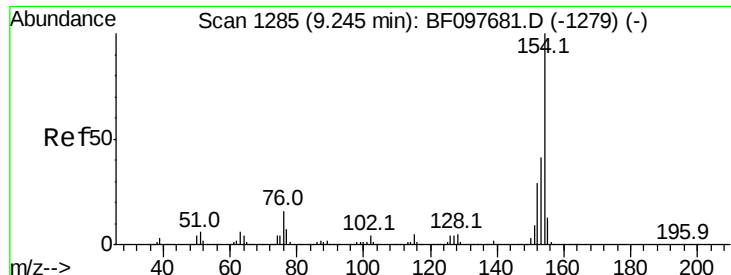
Sohil
 8/22/2017 5:43:59 PM



#44
 2-Fluorobiphenyl
 Concen: 86.688 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF097910.D
 Acq: 21 Aug 2017 17:30

Tgt Ion	172	Resp	1270744
Ion Ratio	Lower	Upper	
172	100		
171	36.2	29.6	44.4
170	24.7	19.8	29.8





#45

1,1'-Biphenyl

Concen: 39.810 ng

RT: 9.21 min Scan# 1211

Delta R.T. 0.00 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

Instrument :

BNA_F

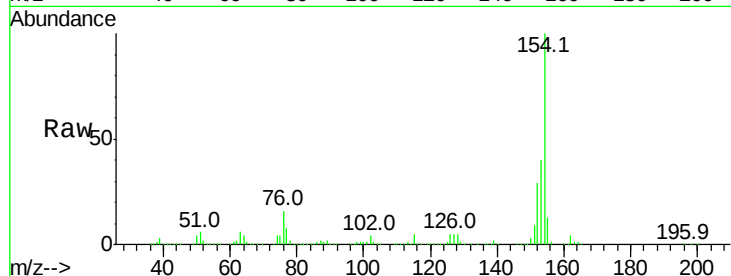
ClientSampled :

PB101695BS

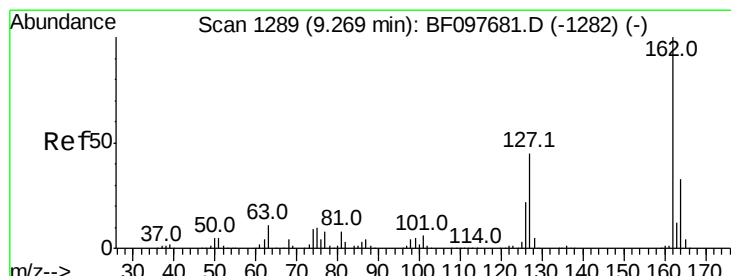
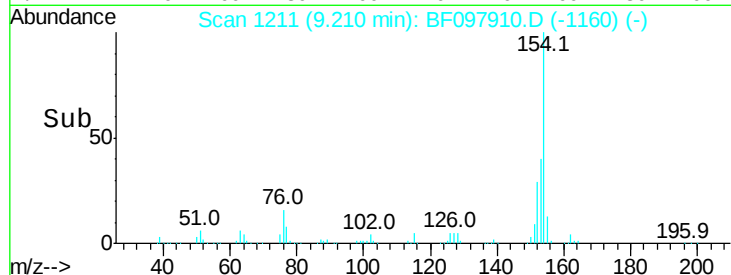
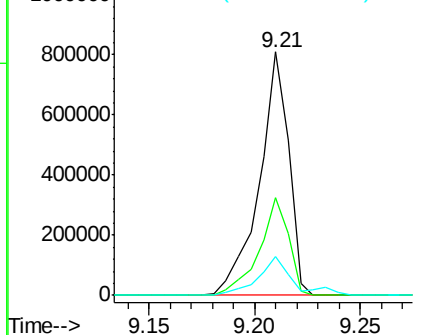
Tot Ion:	154	Resp:	781841
Ion Ratio	Lower	Upper	
154	100		
153	40.2	21.2	61.2
76	16.0	0.0	29.9

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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): BF0



#46

2-Chloronaphthalene

Concen: 40.051 ng

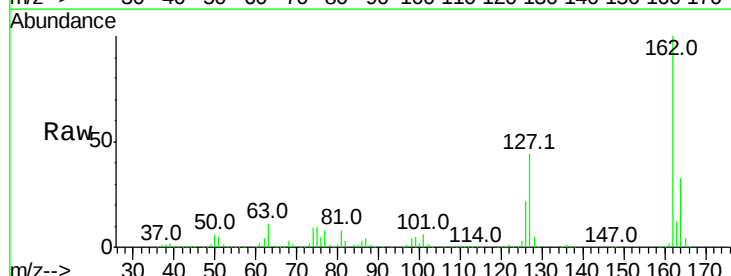
RT: 9.23 min Scan# 1215

Delta R.T. 0.00 min

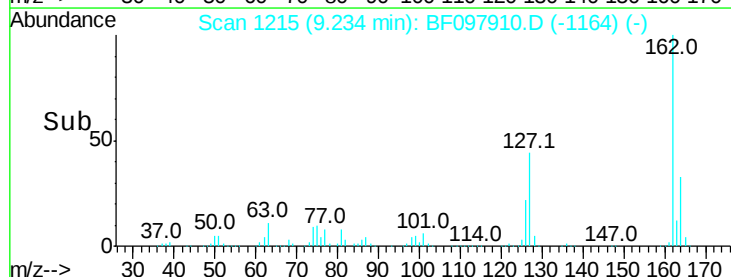
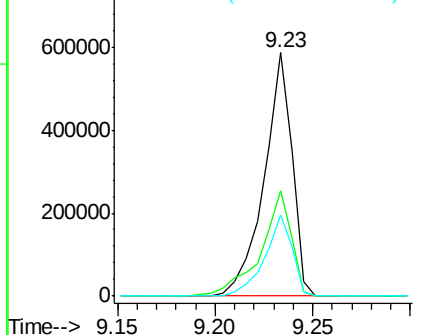
Lab File: BF097910.D

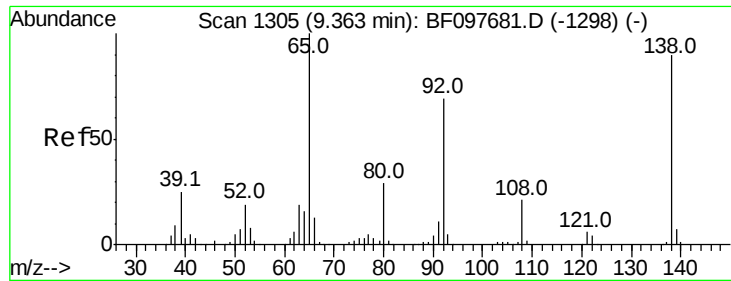
Acq: 21 Aug 2017 17:30

Tgt Ion:	162	Resp:	581191
Ion Ratio	Lower	Upper	
162	100		
127	43.5	28.3	42.5#
164	33.2	27.0	40.4



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





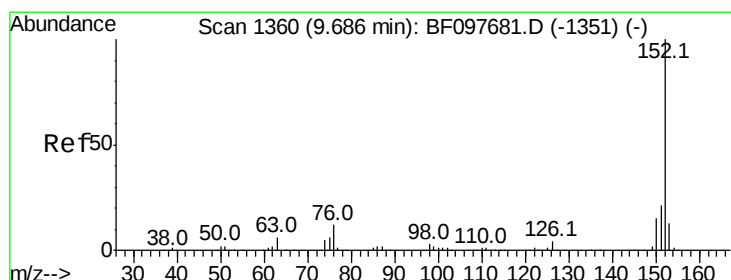
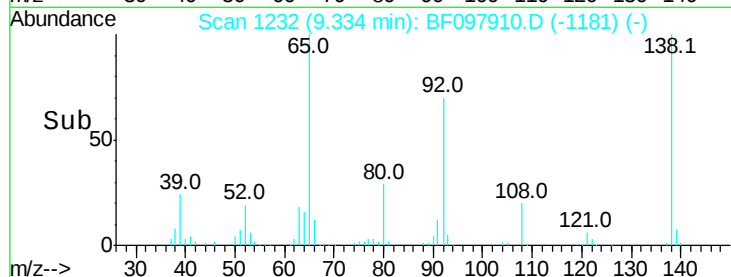
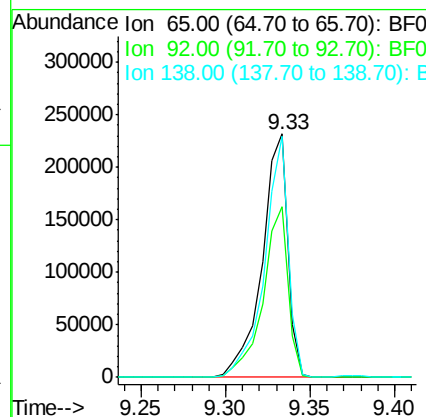
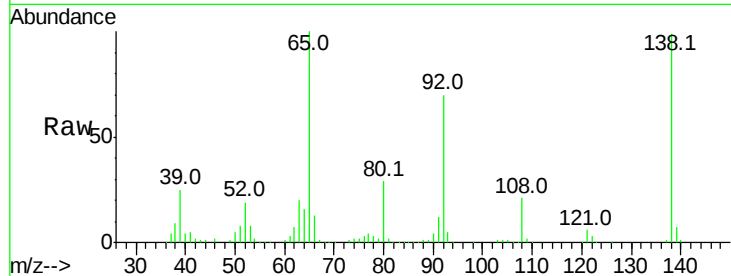
#47
2-Nitroaniline
Concen: 50.431 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

Instrument :
BNA_F
ClientSampleId :
PB101695BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.1	53.9	80.9
138	99.1	78.8	118.2

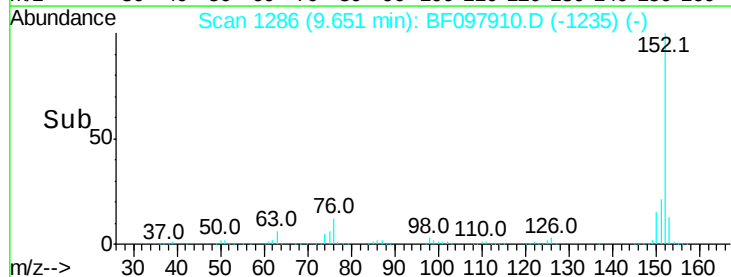
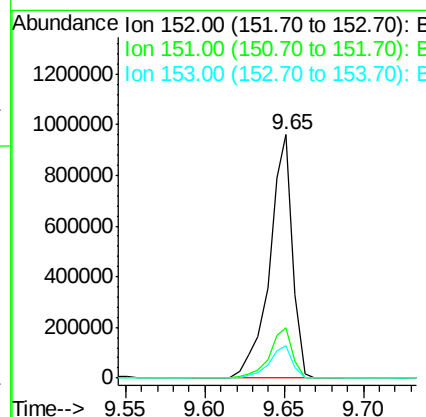
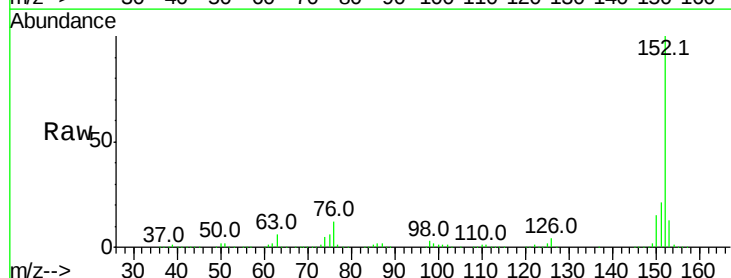
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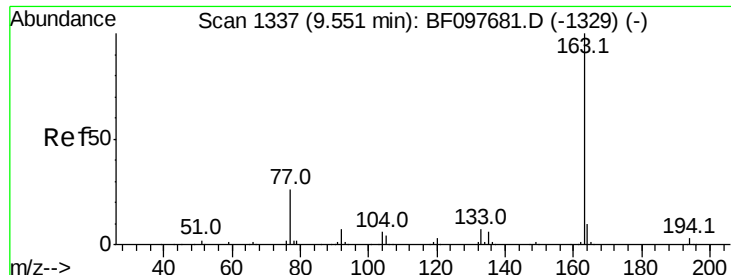
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#48
Acenaphthylene
Concen: 42.441 ng
RT: 9.65 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.8	25.2
153	13.2	10.8	16.2





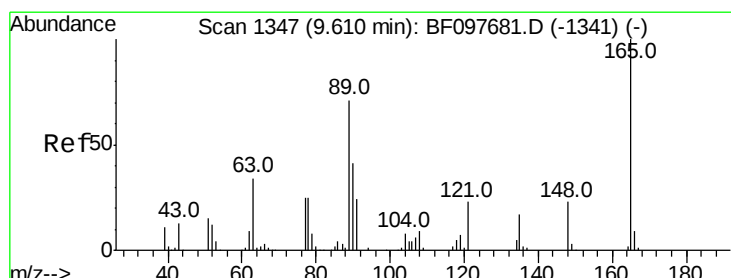
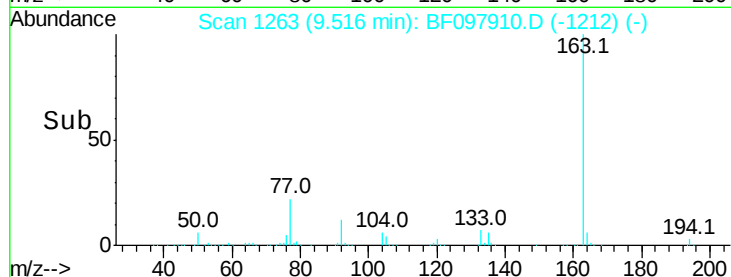
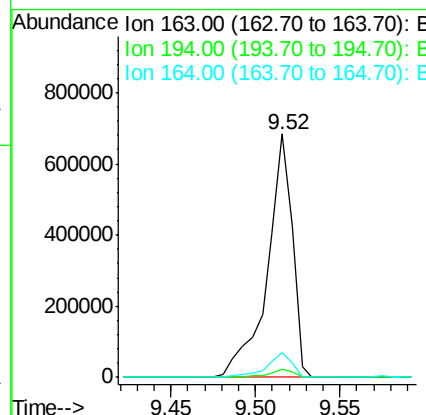
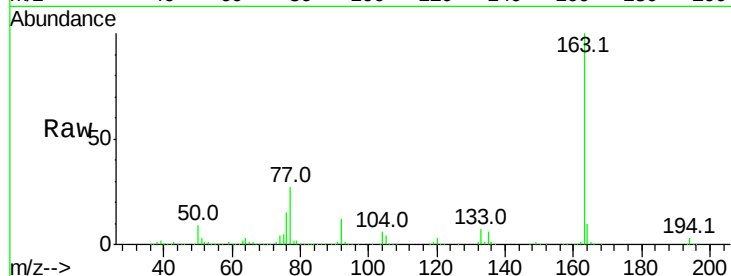
#49
Dimethylphthalate
Concen: 44.478 ng
RT: 9.52 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

Instrument :
BNA_F
ClientSampleId :
PB101695BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	2.6	4.0	
164	10.3	8.4	12.6	

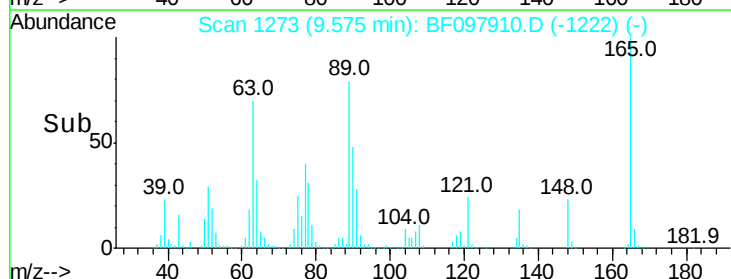
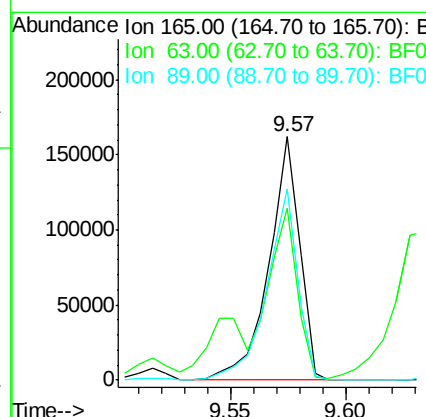
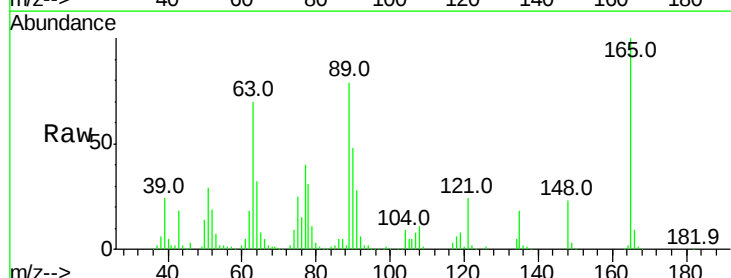
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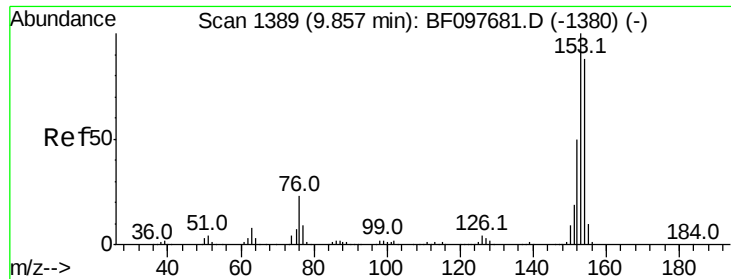
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#50
2,6-Dinitrotoluene
Concen: 47.853 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	70.5	34.3	51.5#	
89	78.7	37.1	55.7#	





#51

Acenaphthene

Concen: 40.530 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.00 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

Instrument :

BNA_F

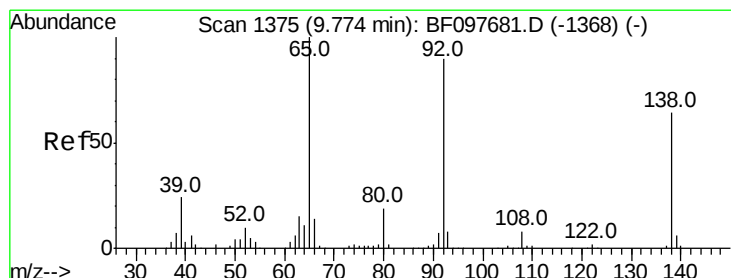
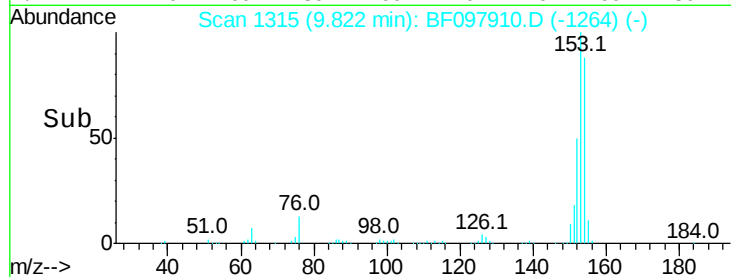
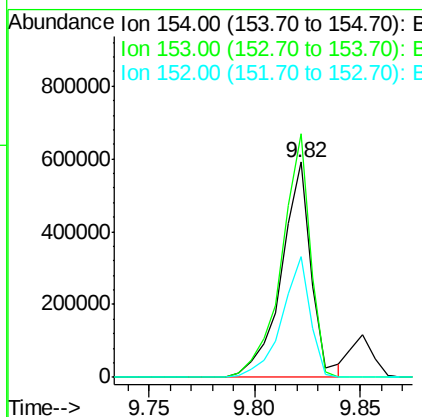
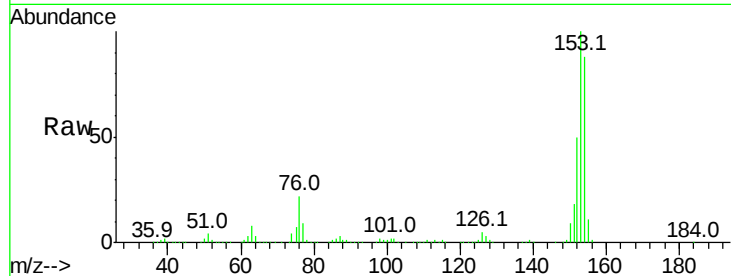
ClientSampleId :

PB101695BS

Tot Ion:	154	Resp:	582498
Ion Ratio	Lower	Upper	
154	100		
153	113.2	90.5	135.7
152	56.3	43.6	65.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 37.133 ng

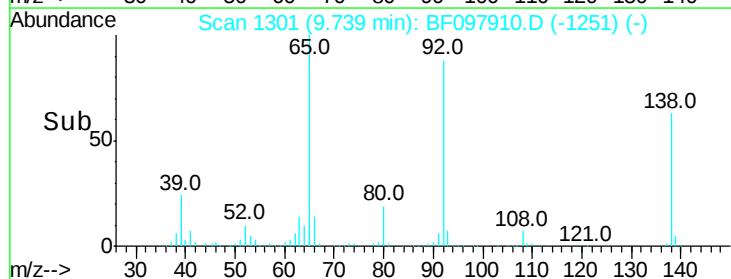
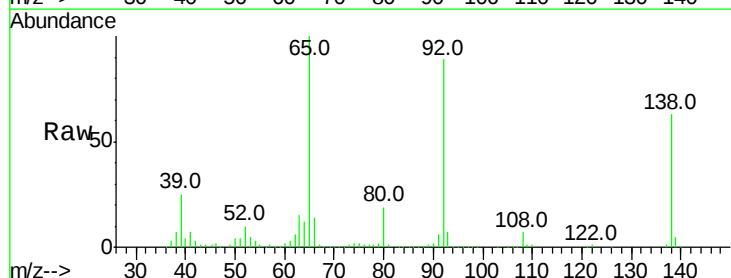
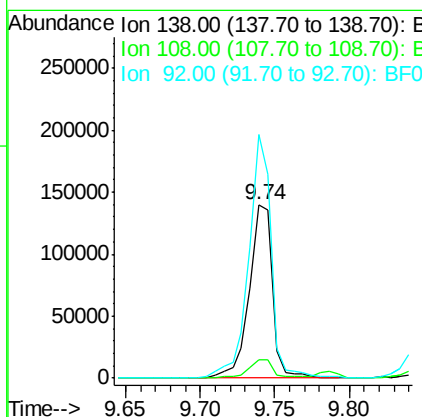
RT: 9.74 min Scan# 1301

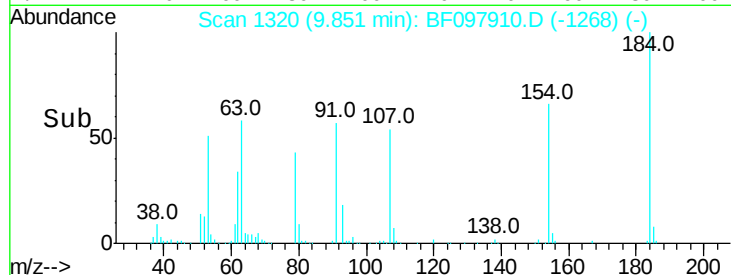
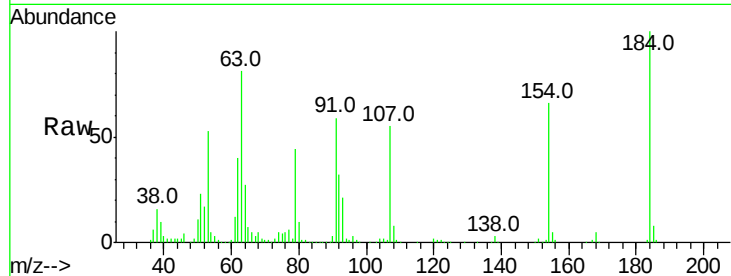
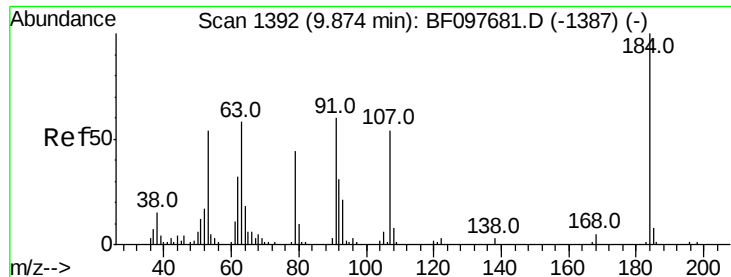
Delta R.T. -0.01 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

Tgt Ion:	138	Resp:	150547
Ion Ratio	Lower	Upper	
138	100		
108	10.8	9.1	13.7
92	140.3	93.8	140.6





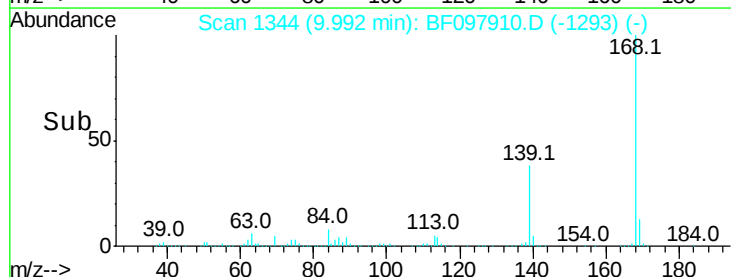
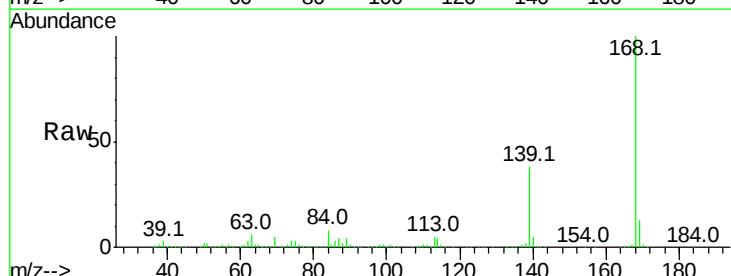
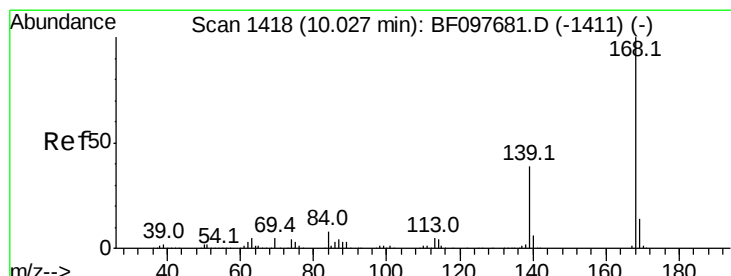
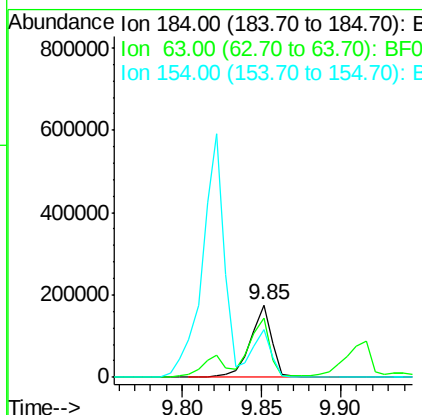
#53
2,4-Dinitrophenol
Concen: 106.749 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

Tot Ion	Ratio	Resp	Lower	Upper
184	100	165372		
63	81.4	62.7	94.1	
154	65.8	81.1	121.7	

Instrument :
BNA_F
ClientSampleId :
PB101695BS

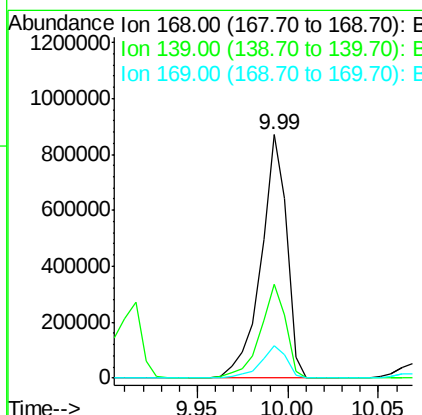
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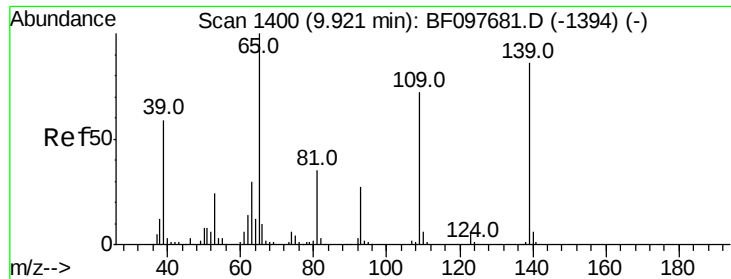
Sohil
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#54
Dibenzofuran
Concen: 44.362 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	854488		
139	38.4	30.6	45.8	
169	13.4	10.8	16.2	





#55

4-Nitrophenol

Concen: 91.470 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.02 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

Instrument :

BNA_F

ClientSampleId :

PB101695BS

Tot Ion:139 Resp: 295828

Ion Ratio Lower Upper

139 100

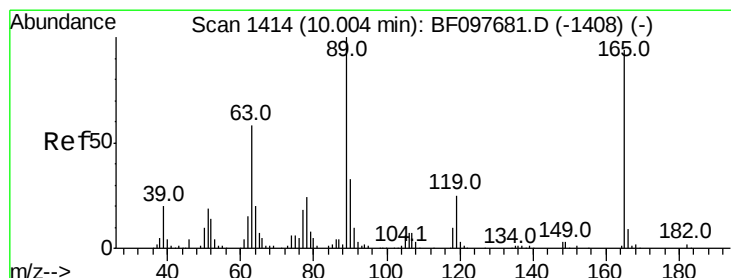
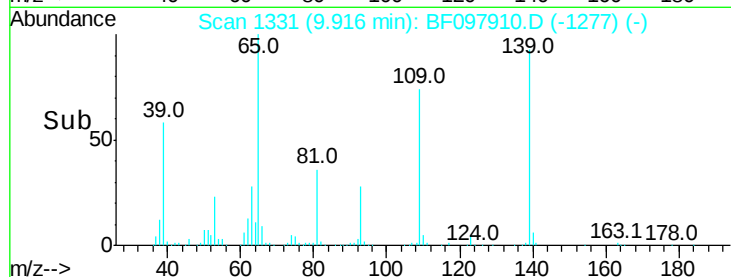
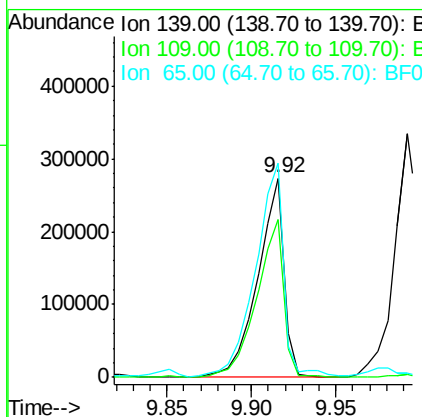
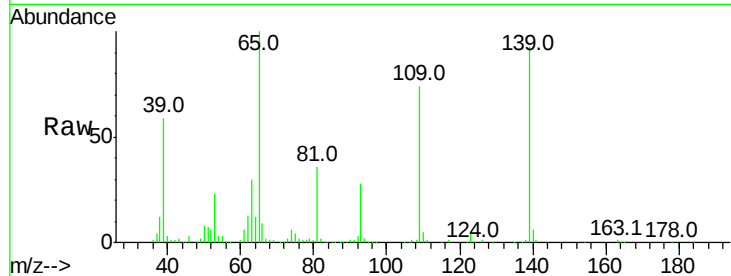
109 79.5 34.1 74.1#

65 107.4 31.4 71.4#

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 51.451 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.01 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

Tgt Ion:165 Resp: 202903

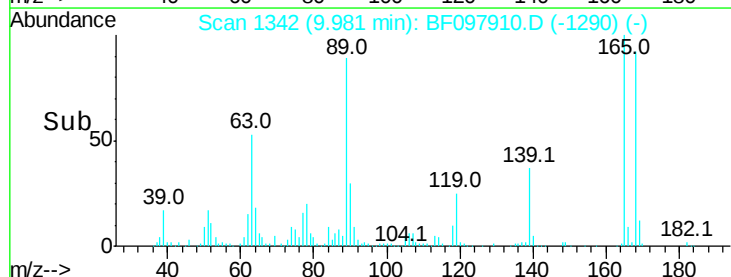
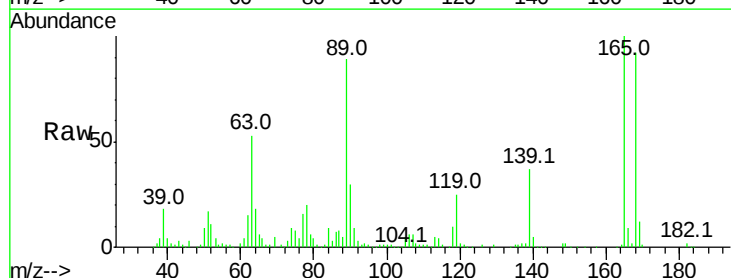
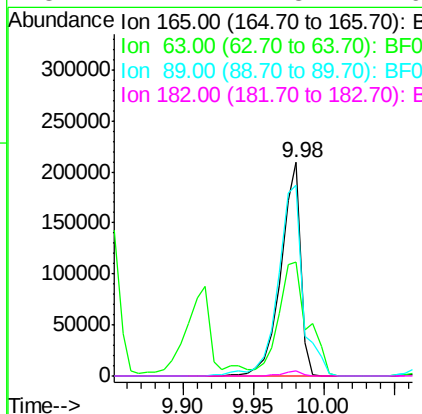
Ion Ratio Lower Upper

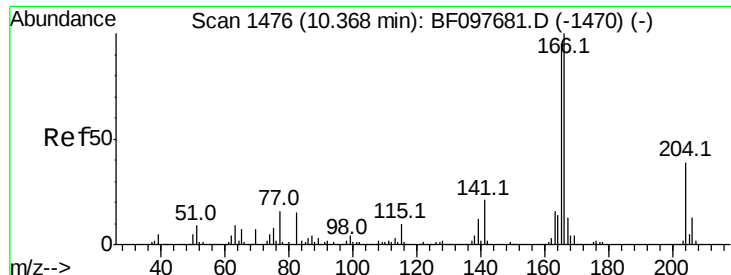
165 100

63 53.3 25.4 38.0#

89 89.4 46.4 69.6#

182 2.4 1.8 2.6





#57

Fluorene

Concen: 42.523 ng

RT: 10.33 min Scan# 1402

Delta R.T. 0.00 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

Instrument :

BNA_F

ClientSampleId :

PB101695BS

Tot Ion:166 Resp: 633257

Ion Ratio Lower Upper

166 100

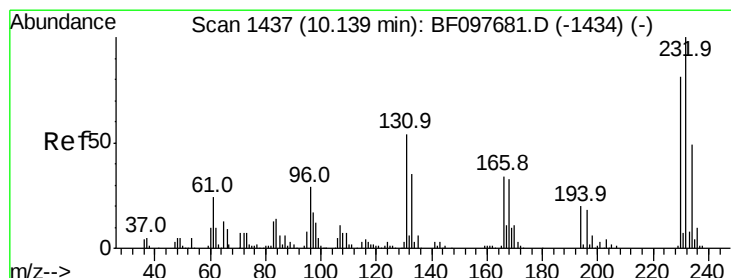
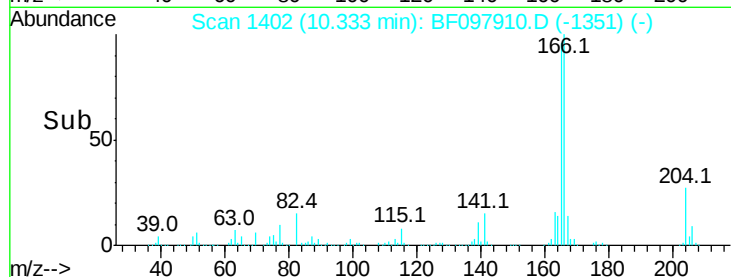
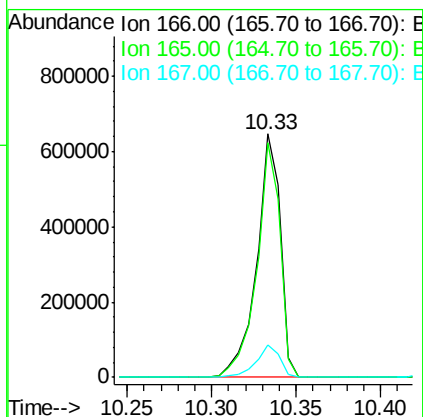
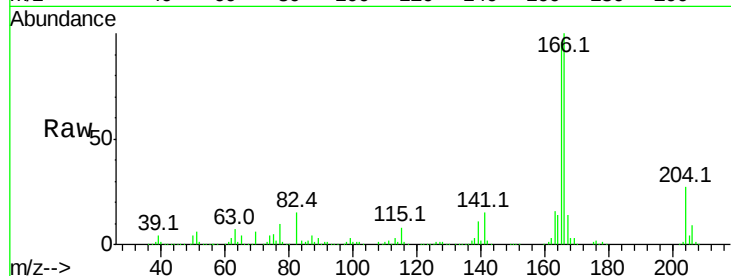
165 96.5 78.8 118.2

167 13.6 10.6 16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 50.440 ng

RT: 10.11 min Scan# 1364

Delta R.T. 0.00 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

Tgt Ion:232 Resp: 171918

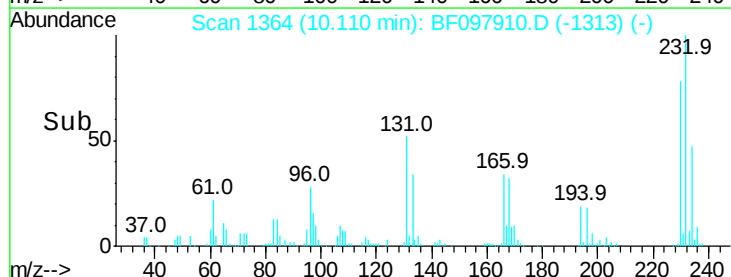
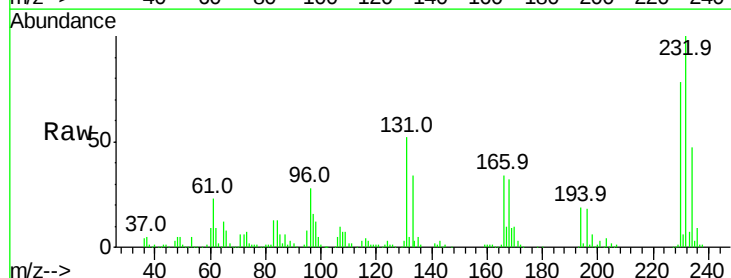
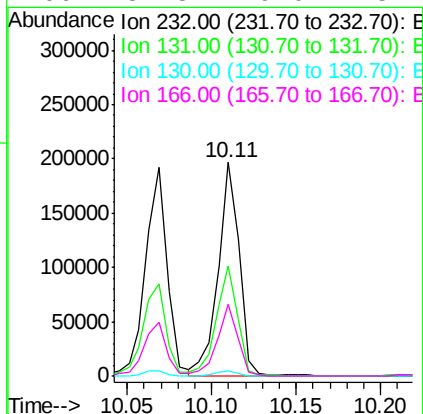
Ion Ratio Lower Upper

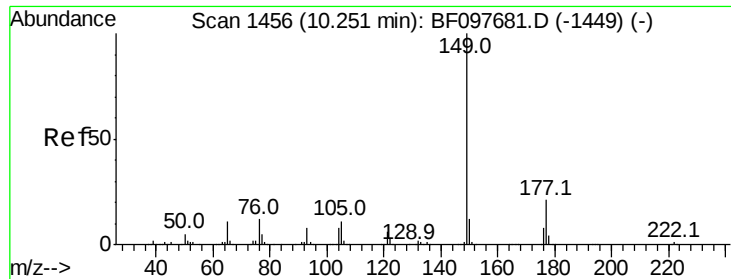
232 100

131 52.0 44.8 67.2

130 2.8 2.3 3.5

166 32.8 29.0 43.4





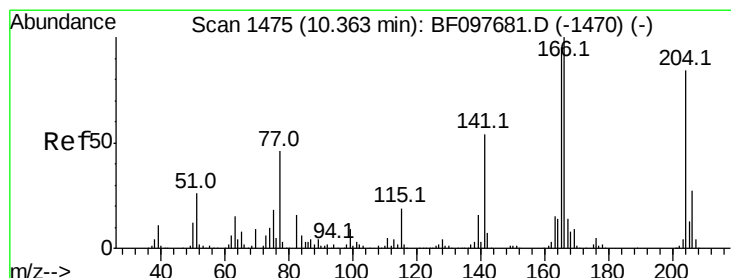
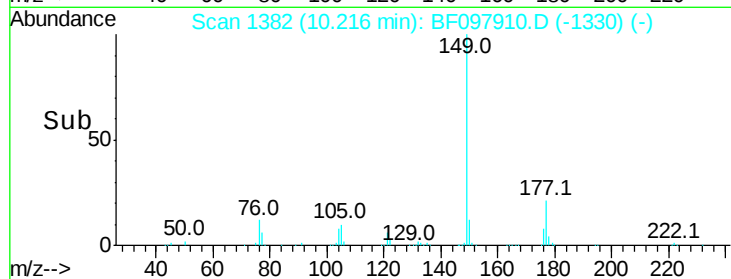
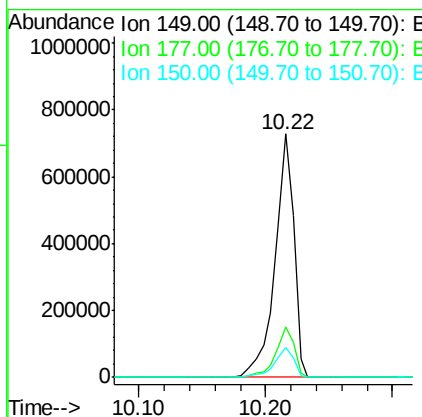
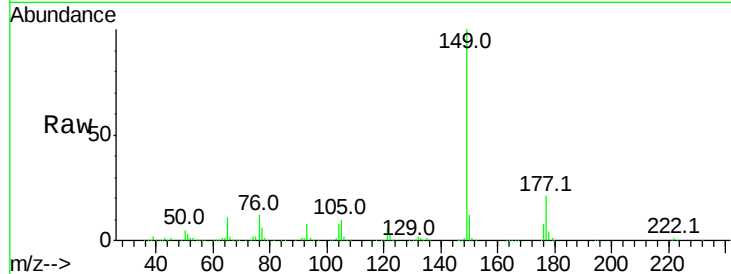
#59
Diethylphthalate
Concen: 45.097 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.01 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

Instrument :
BNA_F
ClientSampled :
PB101695BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	742425		
177	20.6	16.7	25.1	
150	12.5	10.2	15.2	

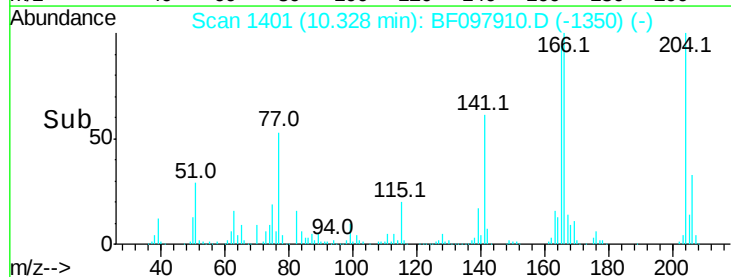
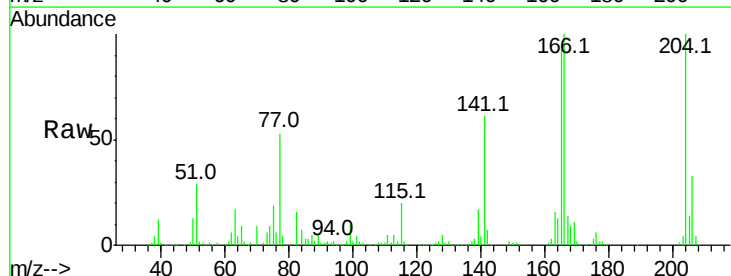
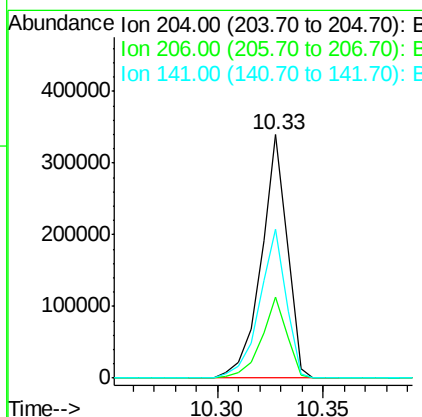
Manual Integrations
APPROVED

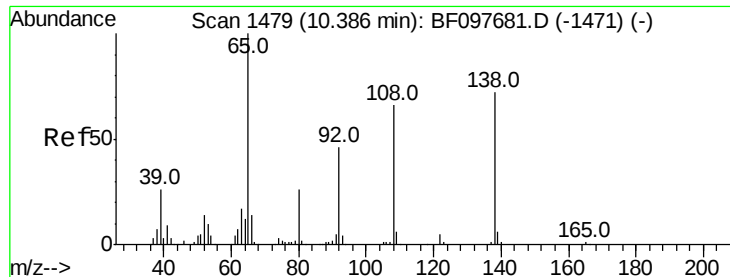
Sohil
8/22/2017 5:43:59 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.976 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.00 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	290407		
206	33.3	26.2	39.2	
141	61.4	60.8	91.2	





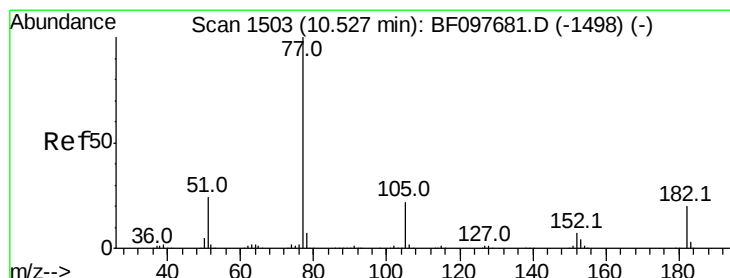
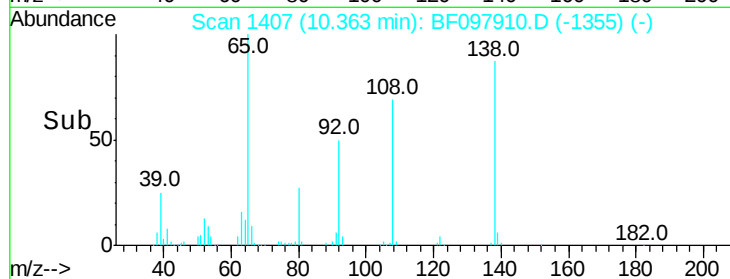
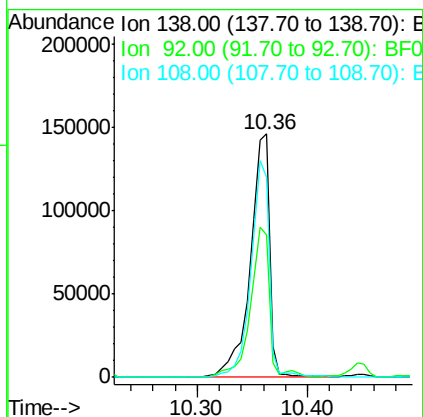
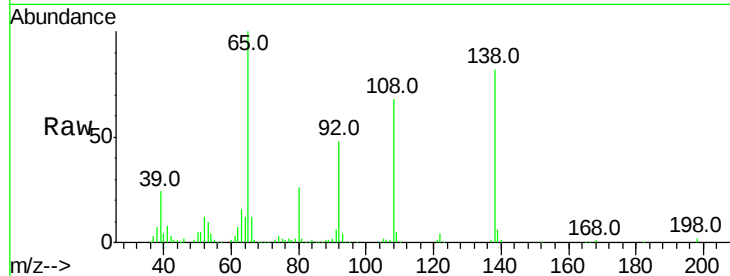
#61
4-Nitroaniline
Concen: 47.264 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.01 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

Instrument :
BNA_F
ClientSampleId :
PB101695BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	182124		
92	58.3	21.8	61.8	
108	82.4	42.3	82.3#	

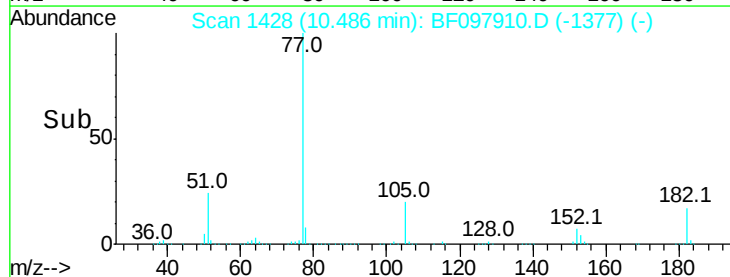
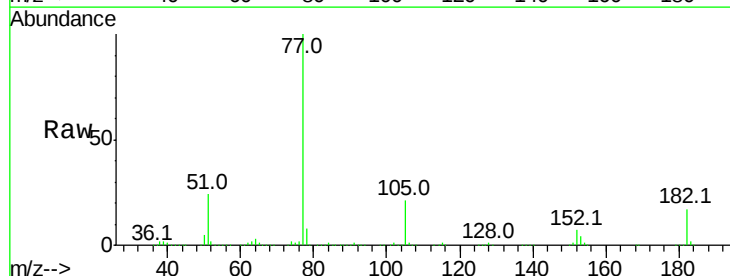
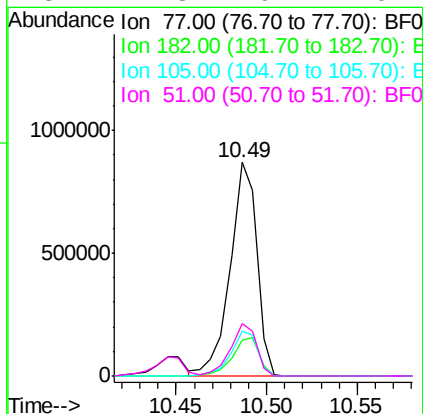
Manual Integrations
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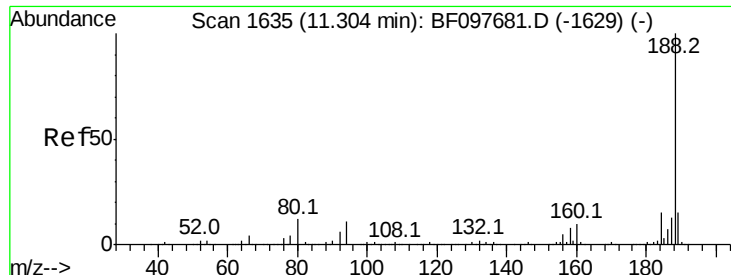
Sohil
8/22/2017 5:43:59 PM



#62
Azobenzene
Concen: 45.682 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	893320		
182	17.0	0.1	40.1	
105	20.8	3.6	43.6	
51	24.3	9.4	49.4	





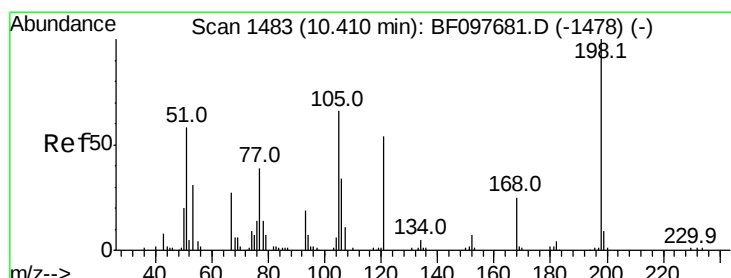
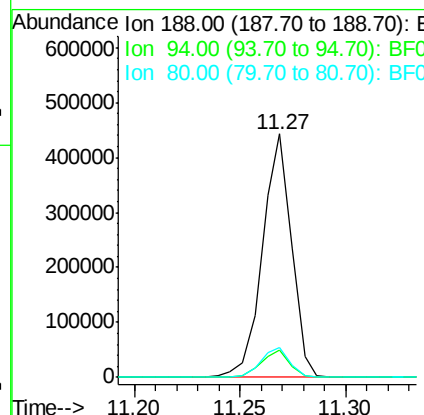
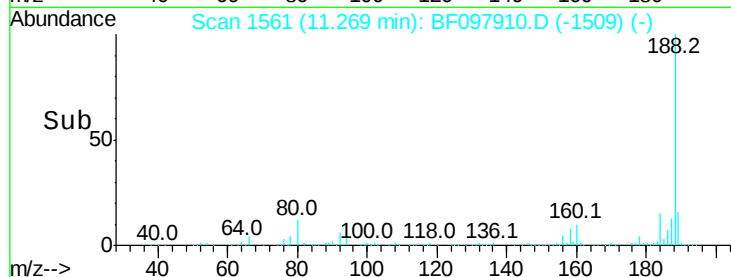
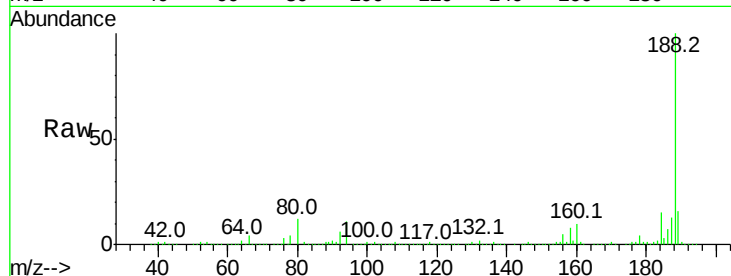
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

Instrument :
BNA_F
ClientSampleId :
PB101695BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.2	9.4	14.2	
80	12.1	10.2	15.2	

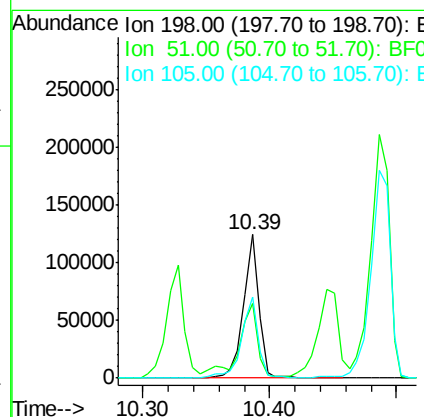
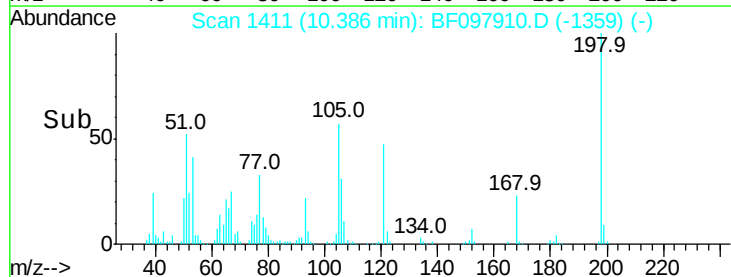
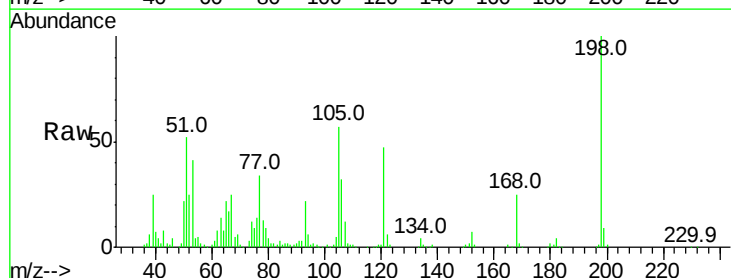
Manual Integrations
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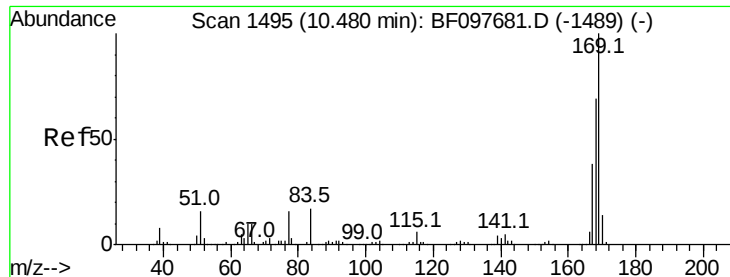
Sohil
8/22/2017 5:43:59 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 51.558 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	51.8	53.2	93.2#	
105	57.0	45.8	85.8	





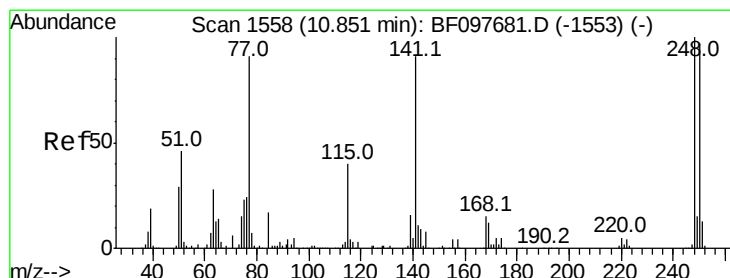
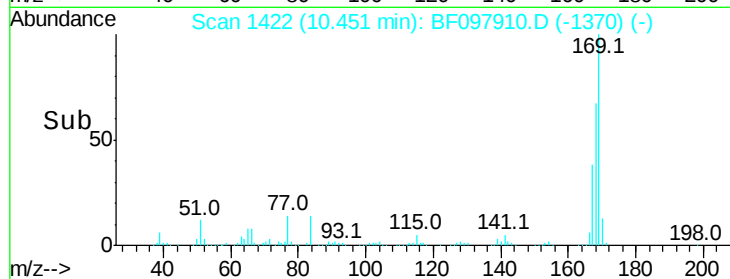
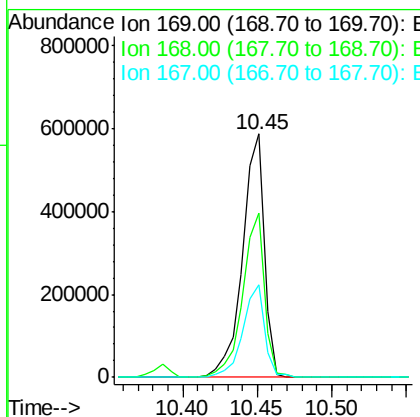
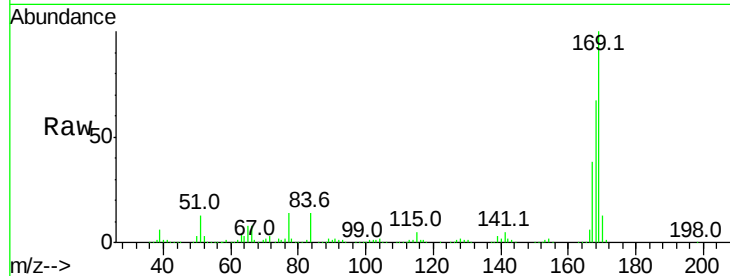
#65
n-Nitrosodiphenylamine
Concen: 41.123 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.01 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

Instrument :
BNA_F
ClientSampleId :
PB101695BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	594273		
168	67.4	53.2	79.8	
167	37.9	29.5	44.3	

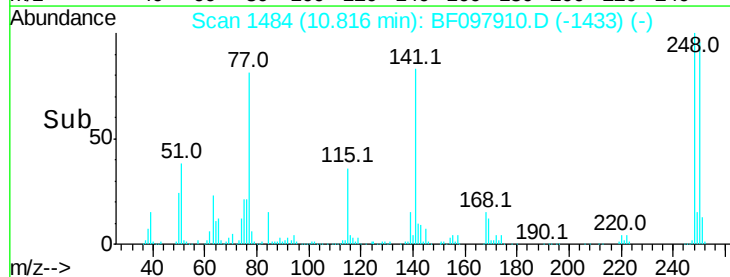
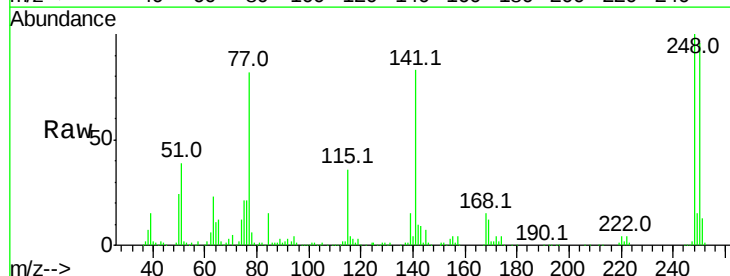
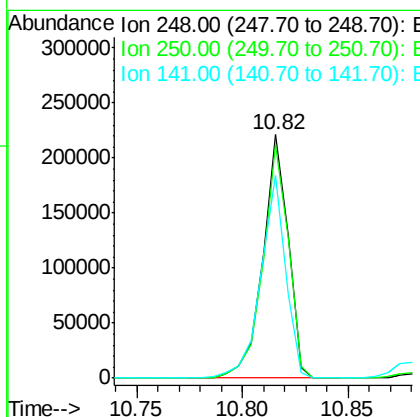
Manual Integrations
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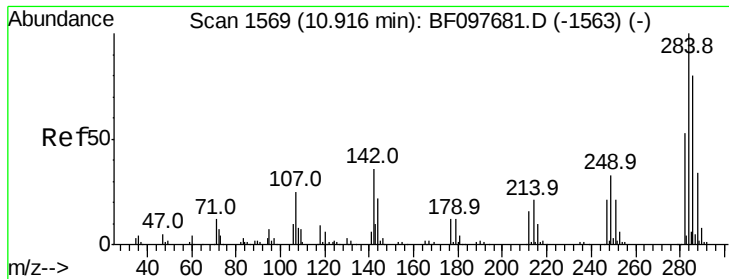
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 42.007 ng
RT: 10.82 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	185115		
250	96.0	76.8	115.2	
141	83.3	68.6	103.0	





#67

Hexachlorobenzene

Concen: 40.181 ng

RT: 10.88 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

Instrument :

BNA_F

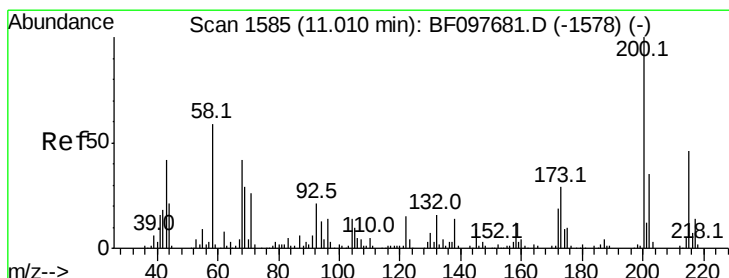
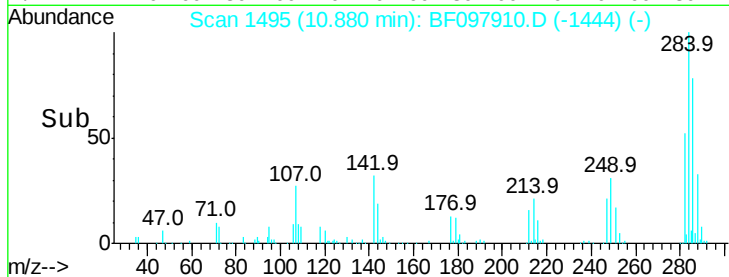
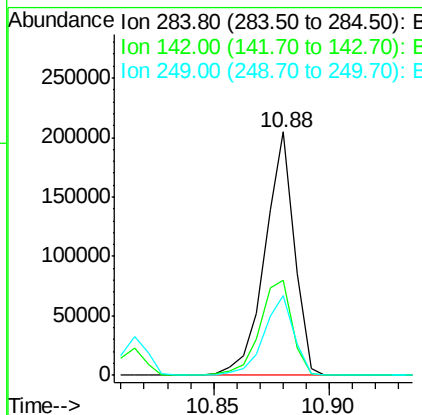
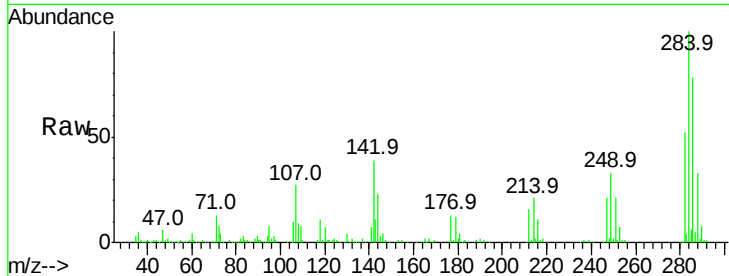
ClientSampled :

PB101695BS

Tot Ion:	284	Resp:	180481
Ion Ratio	Lower	Upper	
284	100		
142	38.8	22.8	34.2#
249	32.9	24.0	36.0

Manual Integrations
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8/22/2017 5:43:59 PM



#68

Atrazine

Concen: 45.301 ng

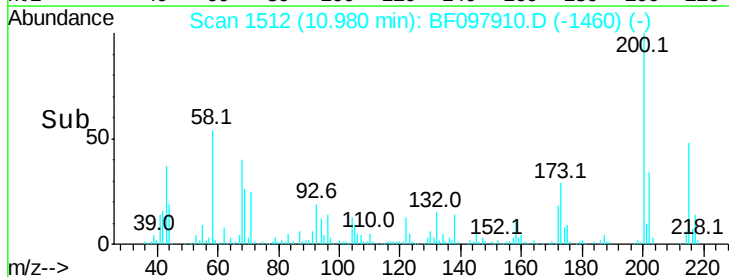
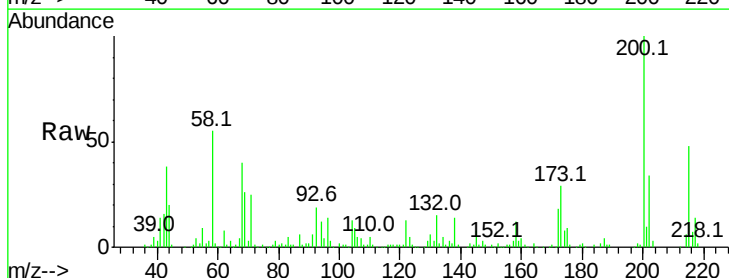
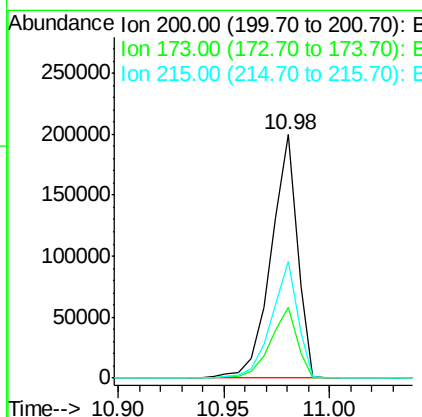
RT: 10.98 min Scan# 1512

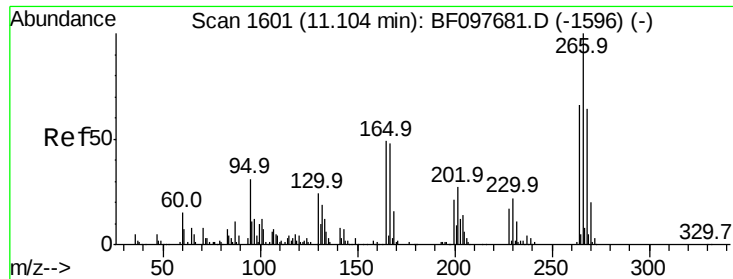
Delta R.T. 0.01 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

Tgt Ion:	200	Resp:	173613
Ion Ratio	Lower	Upper	
200	100		
173	29.0	6.3	46.3
215	47.8	27.2	67.2





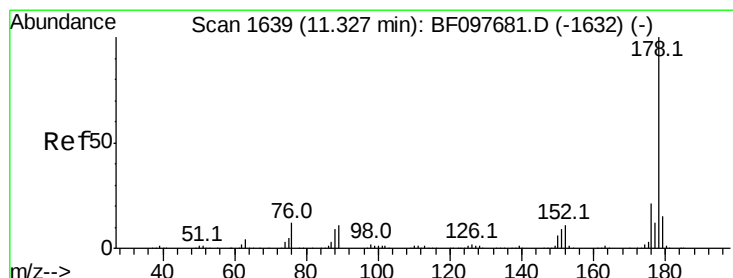
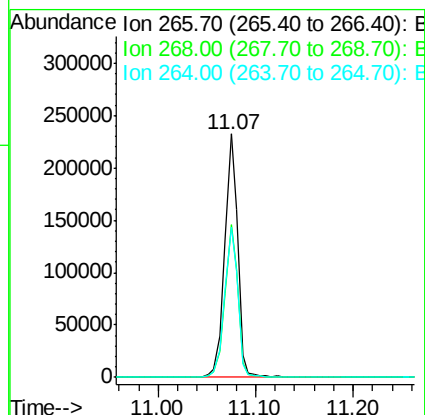
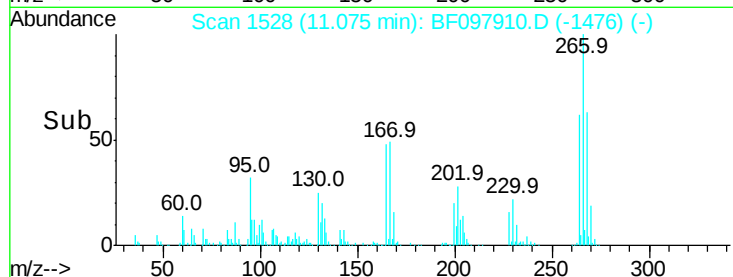
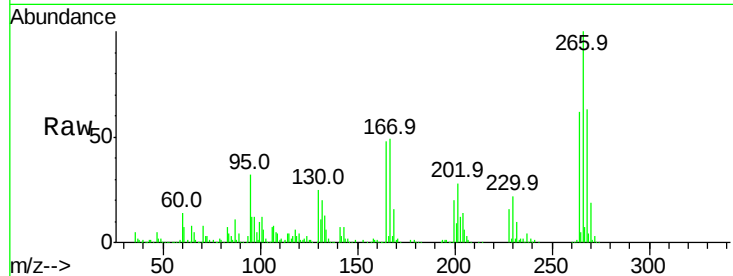
#69
 Pentachlorophenol
 Concen: 82.441 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. 0.01 min
 Lab File: BF097910.D
 Acq: 21 Aug 2017 17:30

Instrument :
 BNA_F
 ClientSampleId :
 PB101695BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	215904		
268	62.6	51.1	76.7	
264	61.9	51.7	77.5	

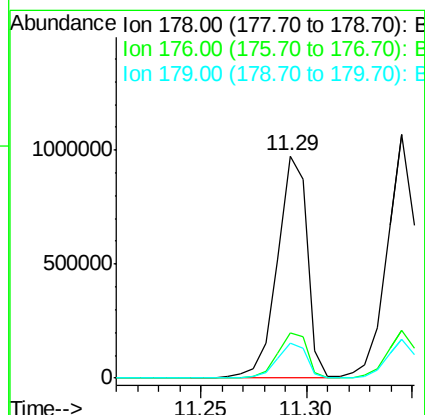
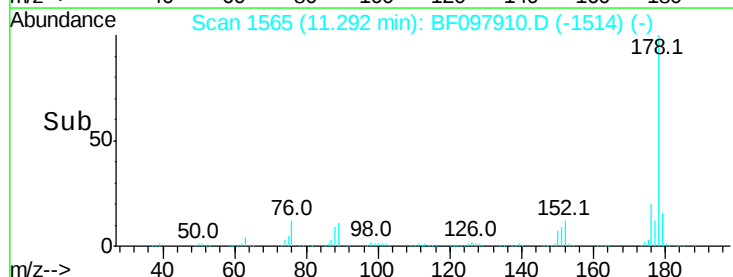
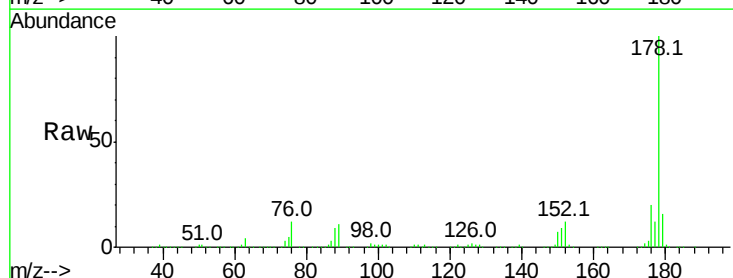
Manual Integrations
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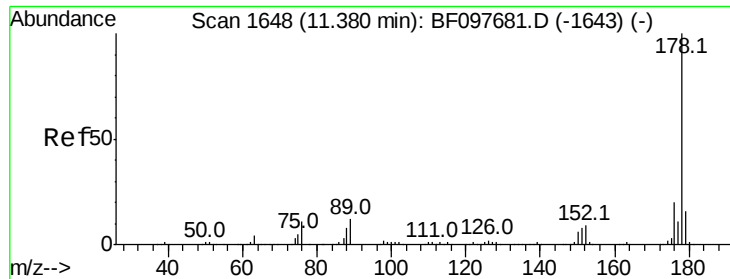
Sohil
 8/22/2017 5:43:59 PM



#70
 Phenanthrene
 Concen: 42.437 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: BF097910.D
 Acq: 21 Aug 2017 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	959643		
176	20.4	16.2	24.4	
179	15.7	12.6	19.0	





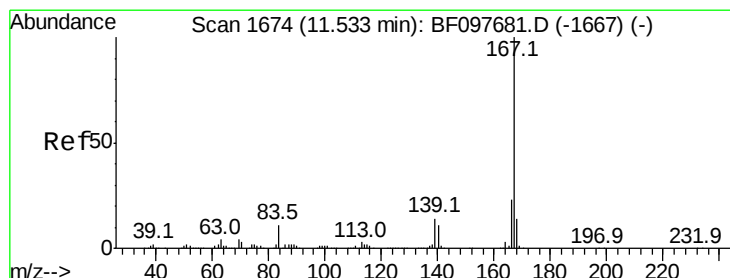
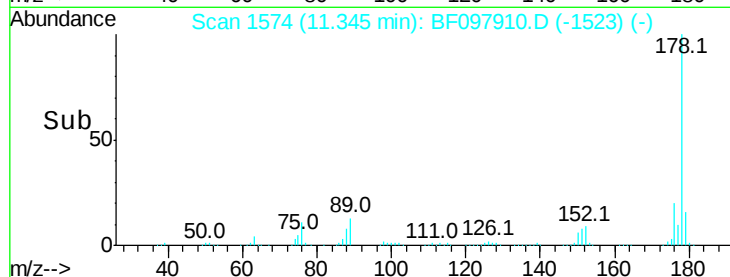
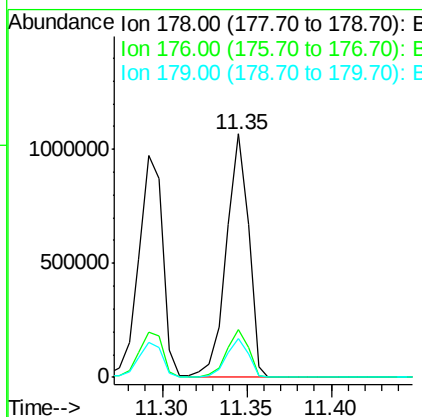
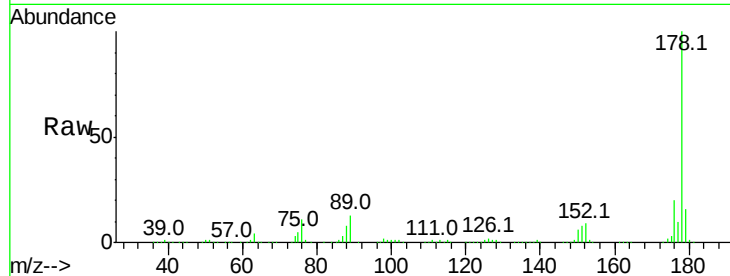
#71
 Anthracene
 Concen: 42.613 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: BF097910.D
 Acq: 21 Aug 2017 17:30

Instrument :
 BNA_F
 ClientSampleId :
 PB101695BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.8	12.7	19.1

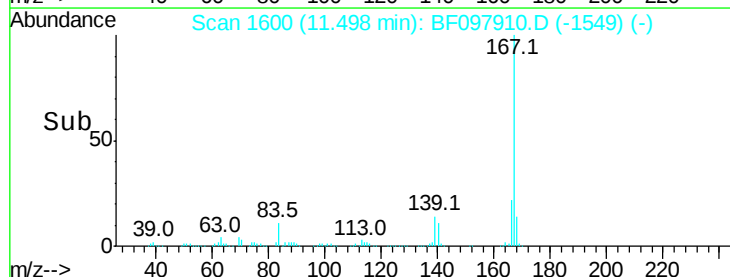
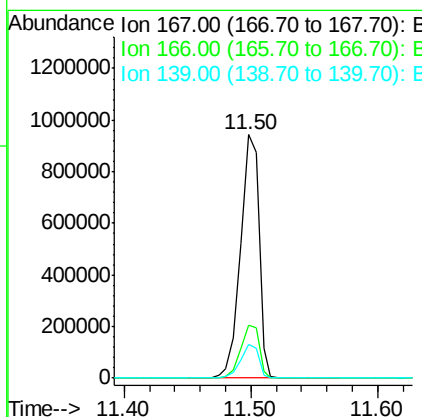
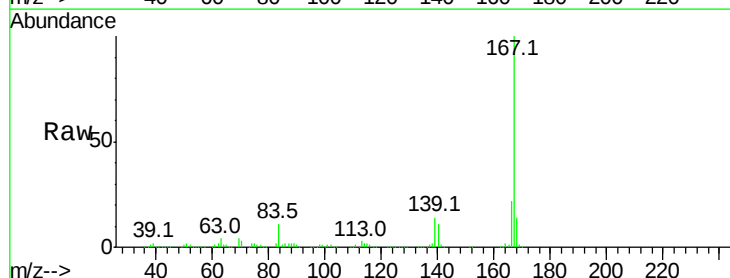
Manual Integrations
 APPROVED

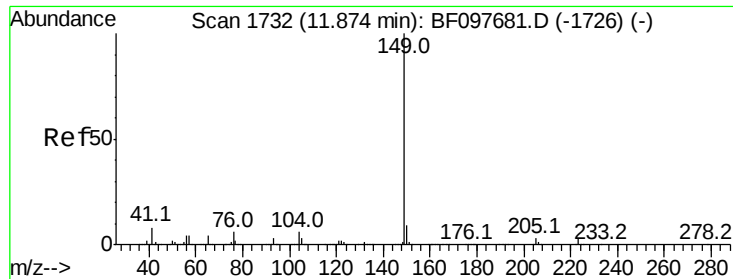
Sohil
 8/22/2017 5:43:59 PM



#72
 Carbazole
 Concen: 43.500 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BF097910.D
 Acq: 21 Aug 2017 17:30

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.1	27.1
139	13.9	11.7	17.5





#73

Di-n-butylphthalate

Concen: 46.700 ng

RT: 11.83 min Scan# 1657

Delta R.T. 0.00 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

Instrument :

BNA_F

ClientSampleId :

PB101695BS

Tot Ion:149 Resp: 1171123

Ion Ratio Lower Upper

149 100

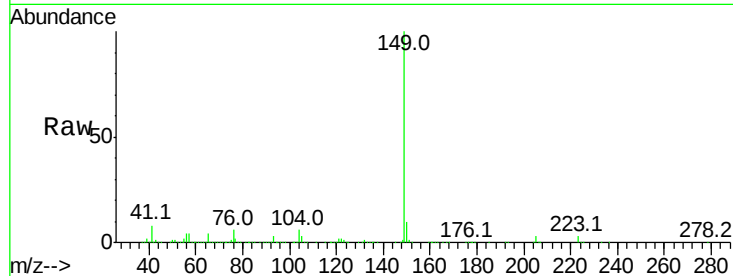
150 9.5 7.7 11.5

104 5.7 4.0 6.0

Manual Integrations
APPROVED

Sohil

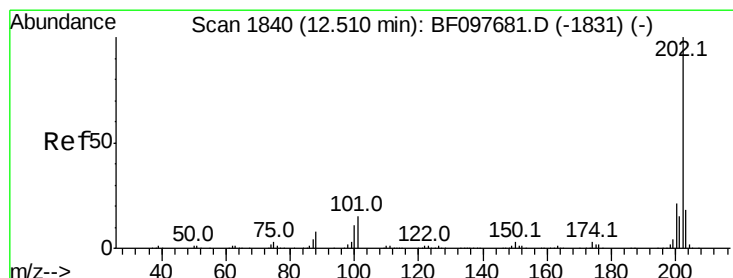
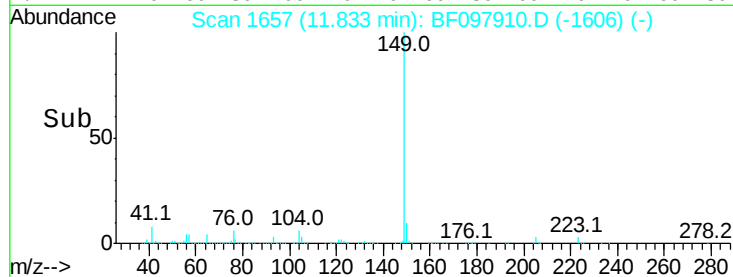
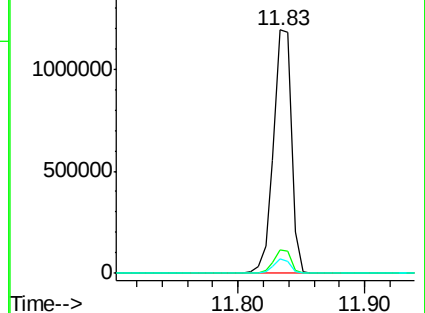
8/22/2017 5:43:59 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.302 ng

RT: 12.48 min Scan# 1767

Delta R.T. 0.01 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

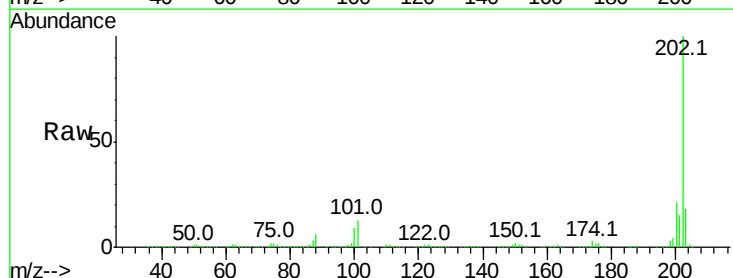
Tgt Ion:202 Resp: 1045662

Ion Ratio Lower Upper

202 100

101 12.5 0.0 33.2

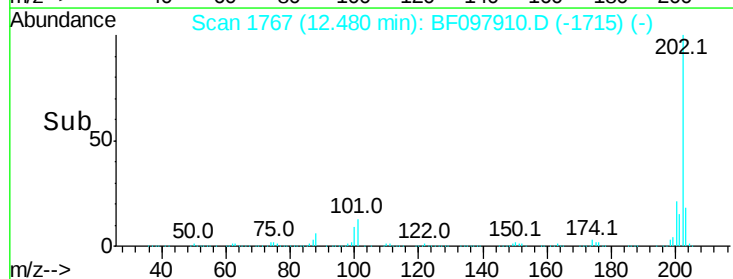
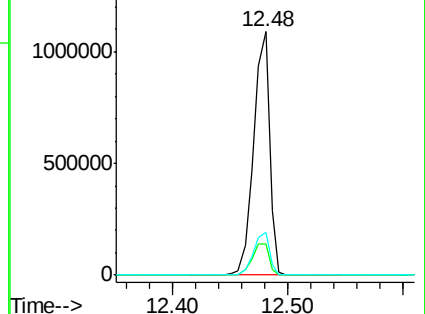
203 17.8 0.0 38.1

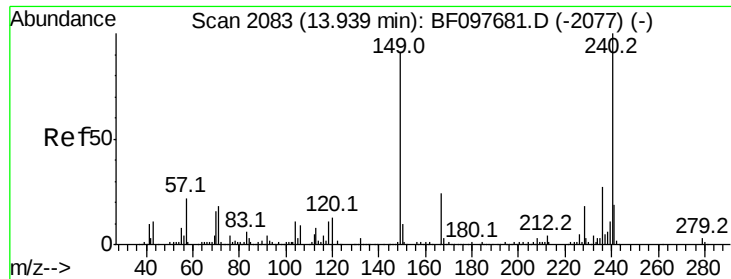


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

Instrument :

BNA_F

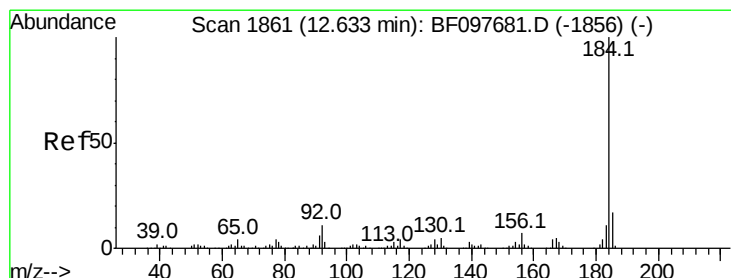
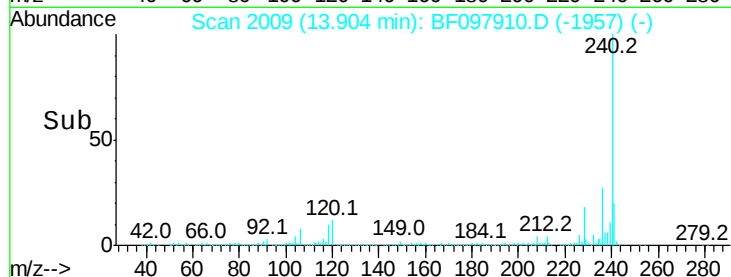
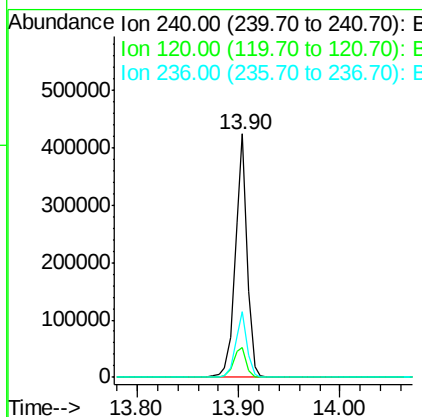
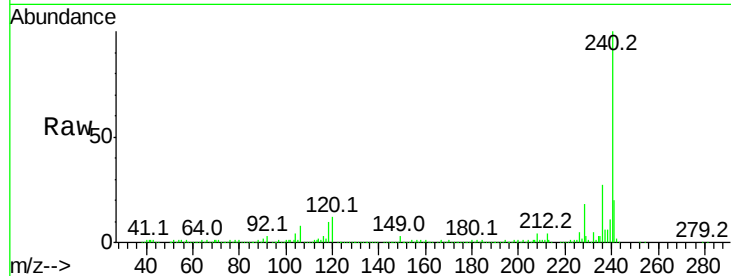
ClientSampleId :

PB101695BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.2	5.8	8.8#
236	27.1	20.5	30.7

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#76

Benzidine

Concen: 37.425 ng m

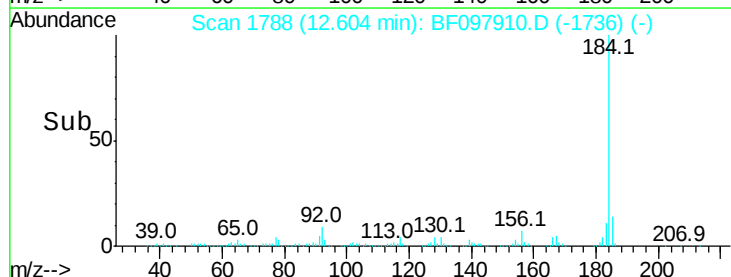
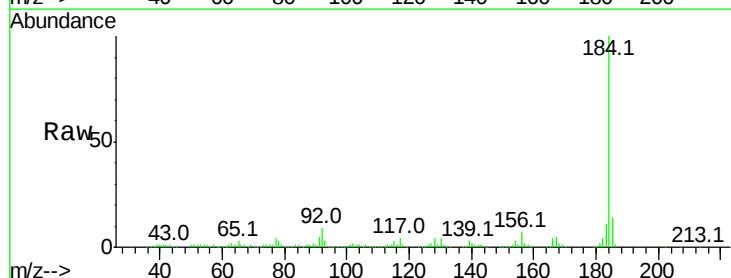
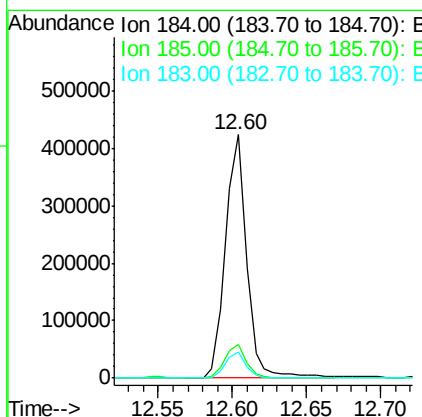
RT: 12.60 min Scan# 1788

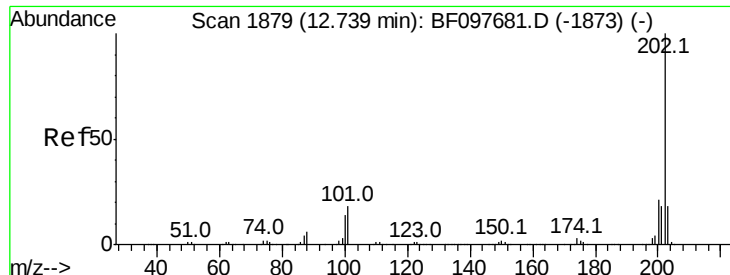
Delta R.T. 0.01 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.0	15.5	23.3#
183	10.9	9.8	14.6





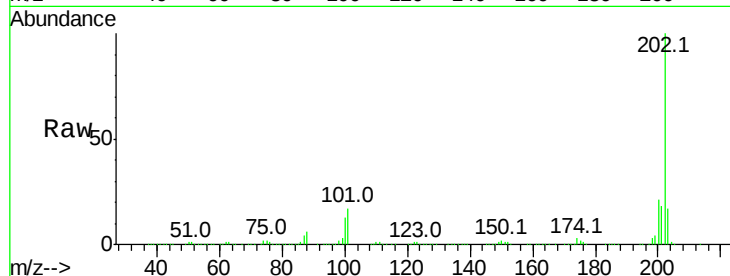
#77
Pvrene
Concen: 38.818 ng
RT: 12.70 min Scan# 1805
Delta R.T. 0.00 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

Instrument :
BNA_F
ClientSampleId :
PB101695BS

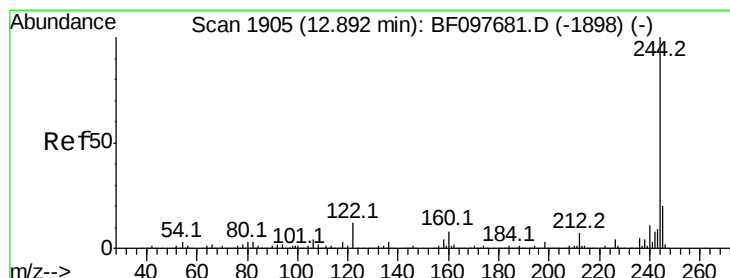
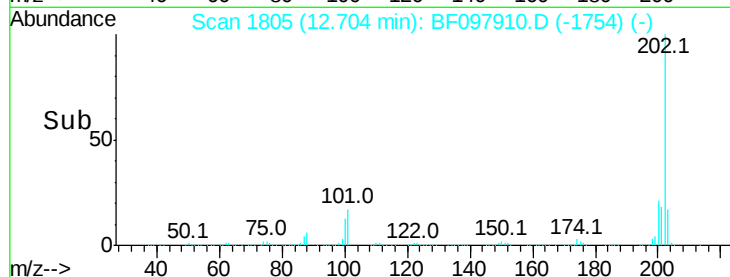
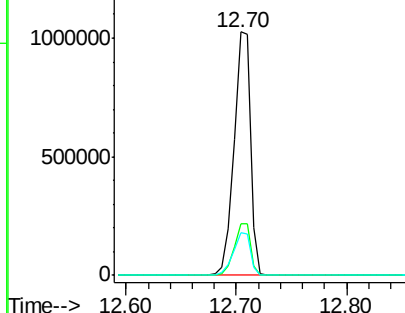
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	17.5	14.4	21.6

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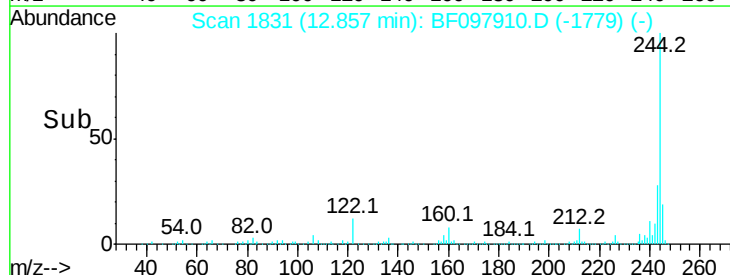
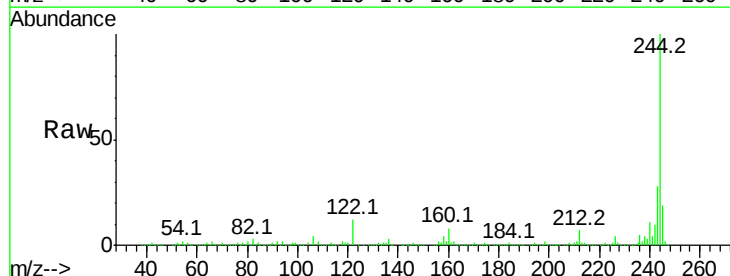
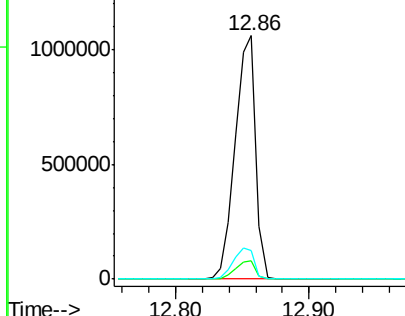
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

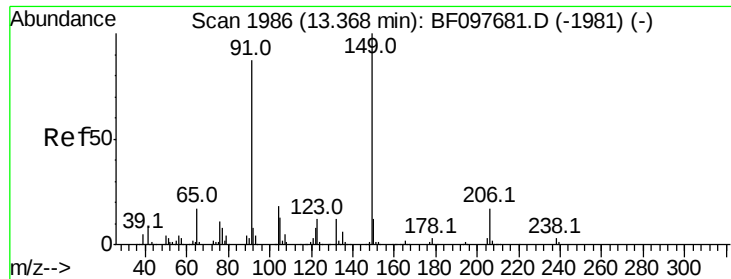


#78
Terphenyl-d14
Concen: 69.757 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.01 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	11.9	10.3	15.5

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





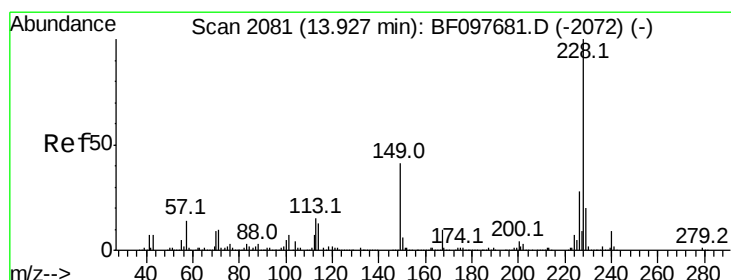
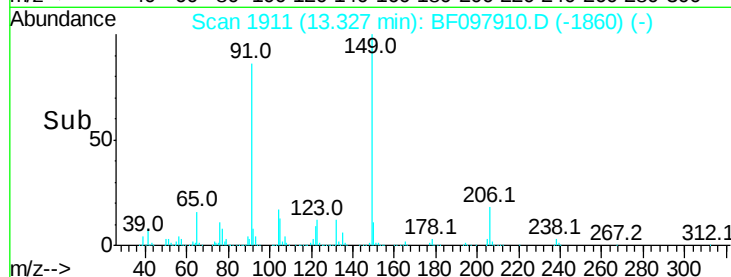
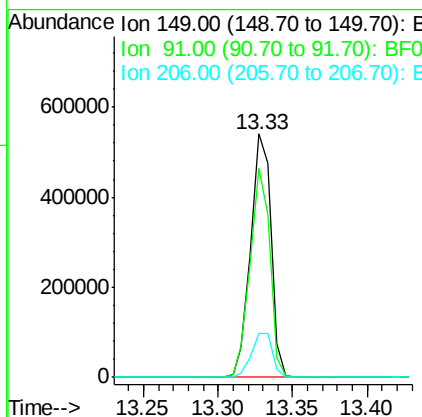
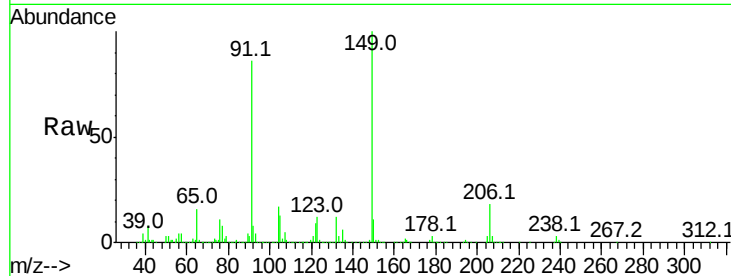
#79
Butylbenzylphthalate
Concen: 47.335 ng
RT: 13.33 min Scan# 1911
Delta R.T. 0.00 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

Instrument :
BNA_F
ClientSampleId :
PB101695BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	507417		
91	86.1	45.0	67.4#	
206	18.1	17.0	25.6	

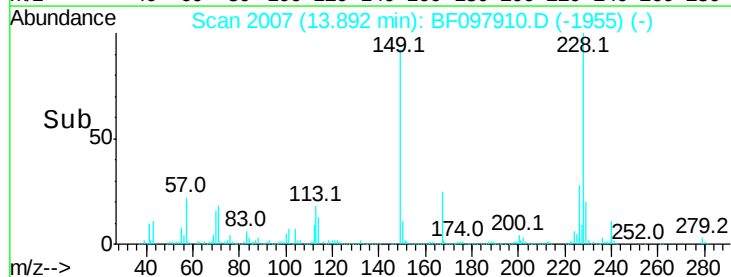
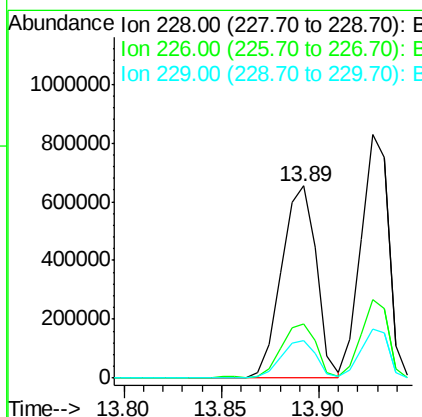
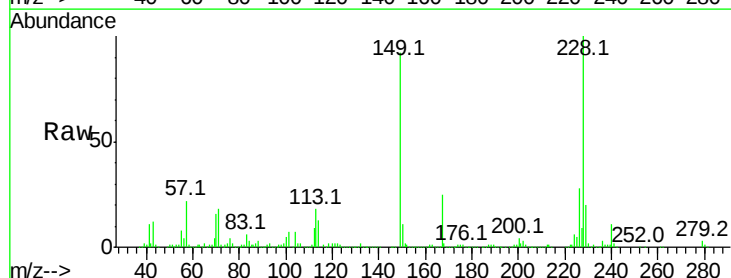
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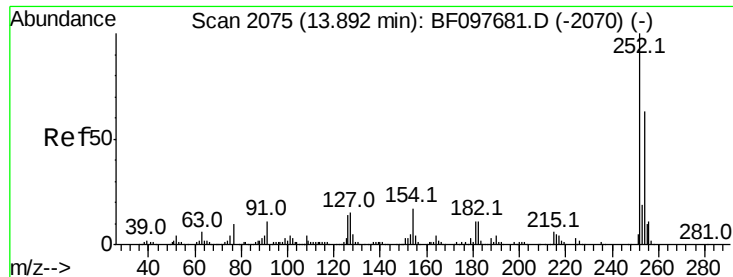
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#80
Benzo(a)anthracene
Concen: 39.366 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	806546		
226	28.0	22.6	33.8	
229	19.5	16.3	24.5	





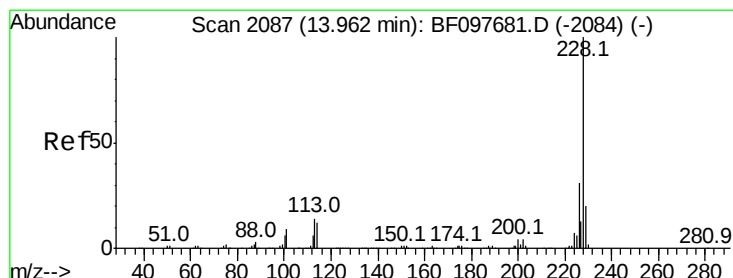
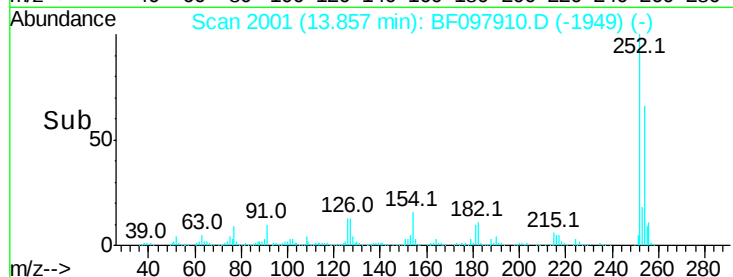
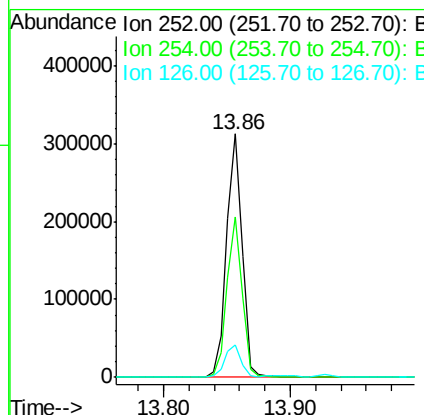
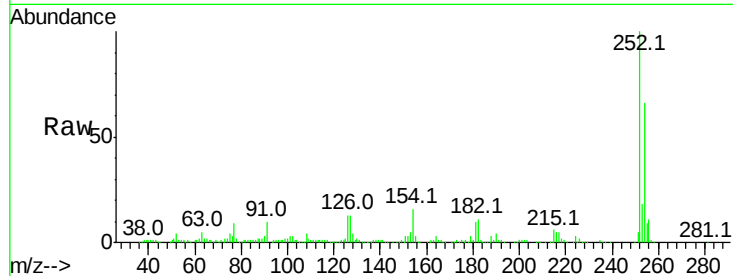
#81
 3,3'-Dichlorobenzidine
 Concen: 38.821 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.01 min
 Lab File: BF097910.D
 Acq: 21 Aug 2017 17:30

Instrument :
 BNA_F
 ClientSampleId :
 PB101695BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	66.0	51.5	77.3
126	13.3	15.8	23.8

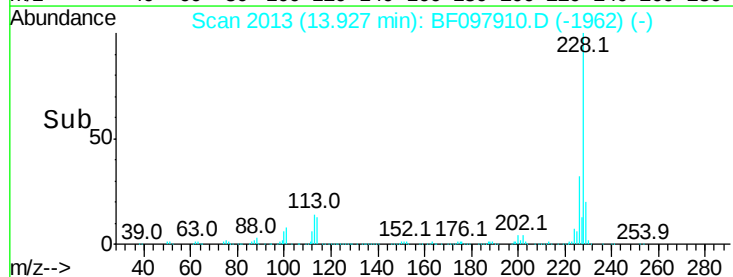
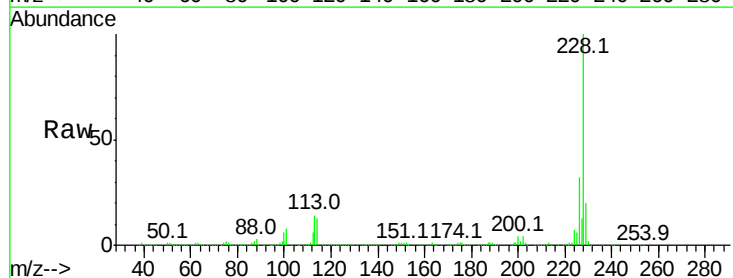
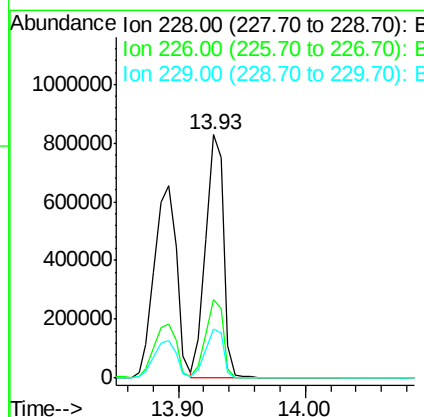
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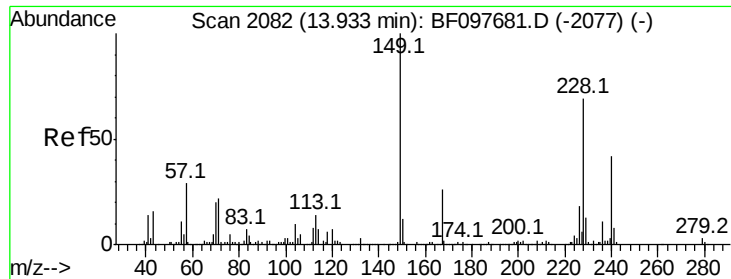
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#82
 Chrysene
 Concen: 40.196 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.00 min
 Lab File: BF097910.D
 Acq: 21 Aug 2017 17:30

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	32.3	24.9	37.3
229	20.2	15.8	23.6





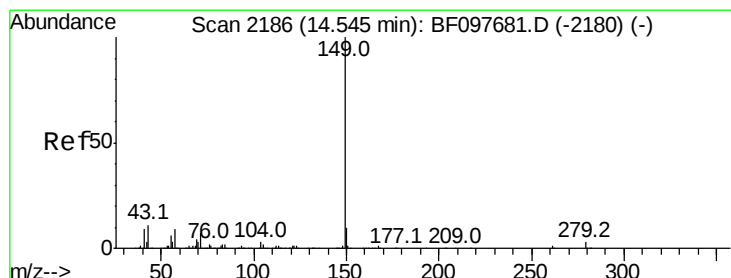
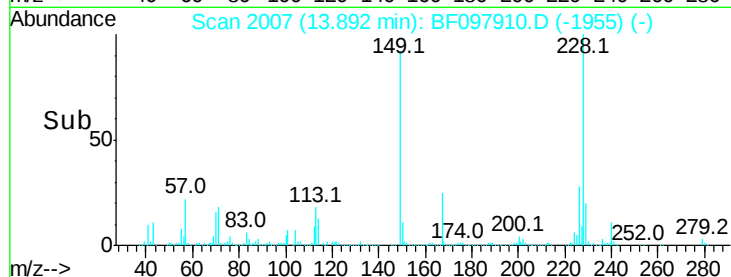
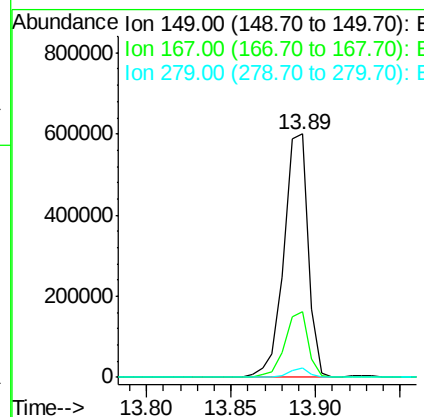
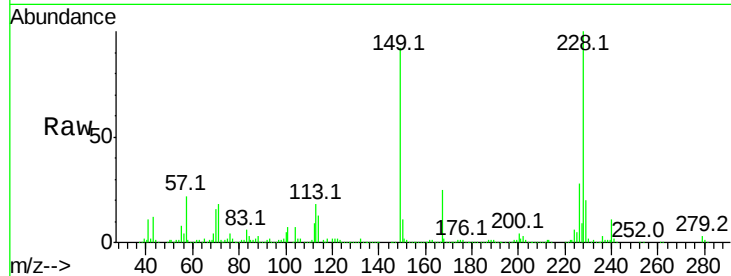
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.644 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. 0.01 min
 Lab File: BF097910.D
 Acq: 21 Aug 2017 17:30

Instrument :
 BNA_F
 ClientSampleId :
 PB101695BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	26.9	21.0	31.4	
279	3.7	1.9	2.9#	

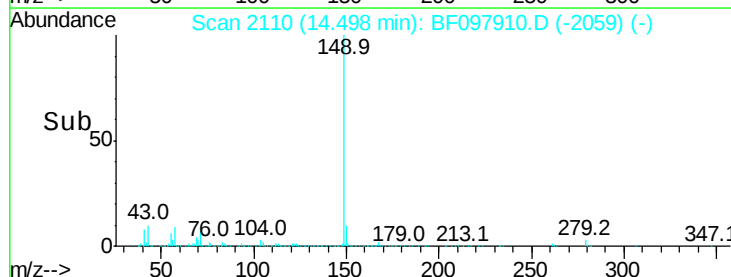
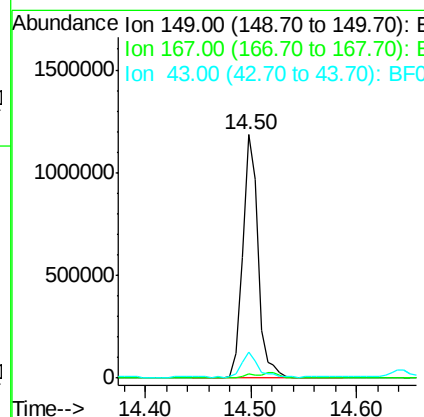
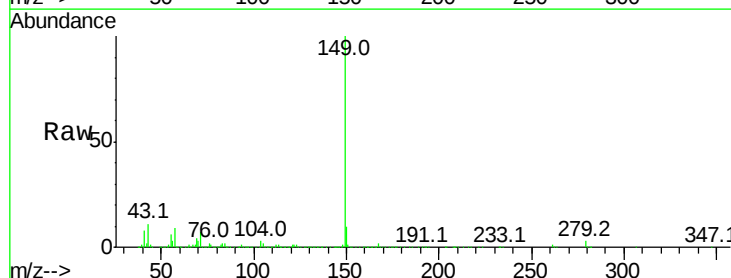
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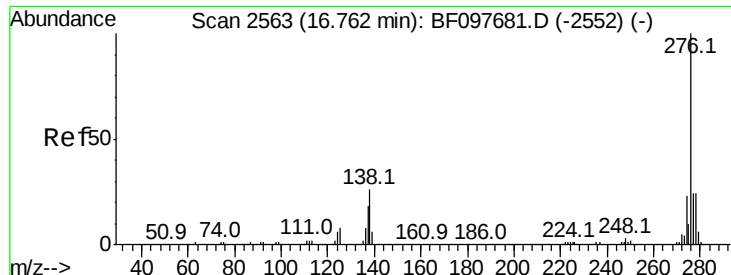
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#84
 Di-n-octyl phthalate
 Concen: 56.113 ng
 RT: 14.50 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: BF097910.D
 Acq: 21 Aug 2017 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	0.0	1.2	1.8#	
43	10.7	8.5	12.7	





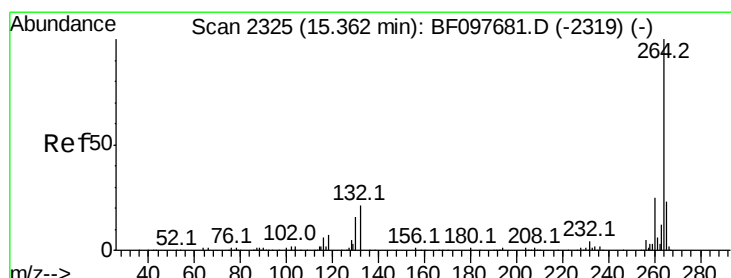
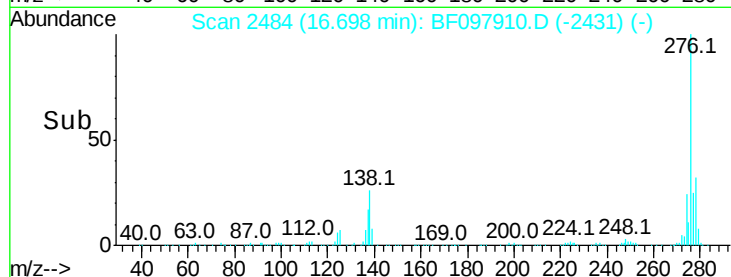
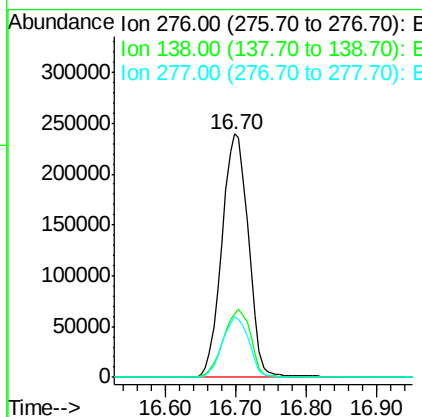
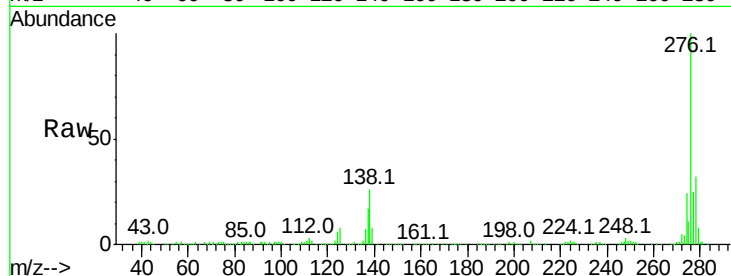
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.806 ng
 RT: 16.70 min Scan# 2484
 Delta R.T. 0.01 min
 Lab File: BF097910.D
 Acq: 21 Aug 2017 17:30

Instrument :
 BNA_F
 ClientSampleId :
 PB101695BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.9	27.8	41.6
277	24.9	20.2	30.4

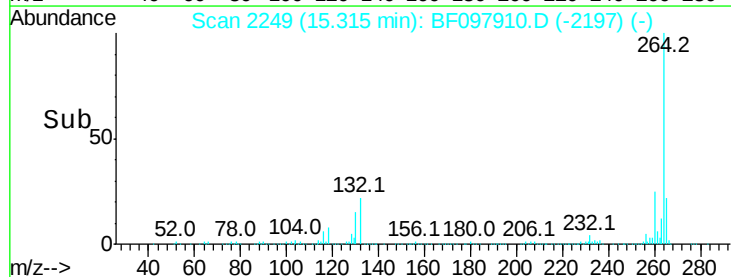
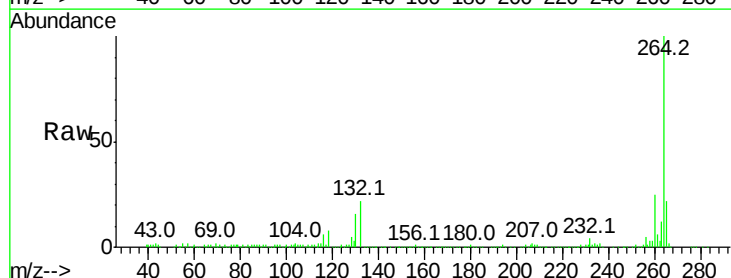
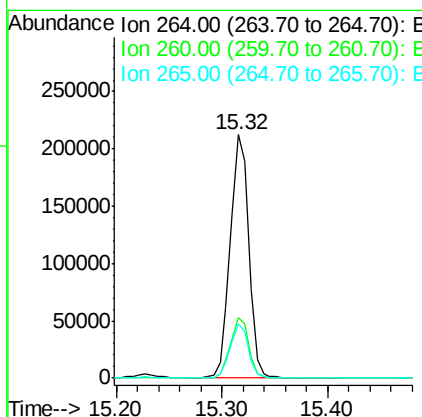
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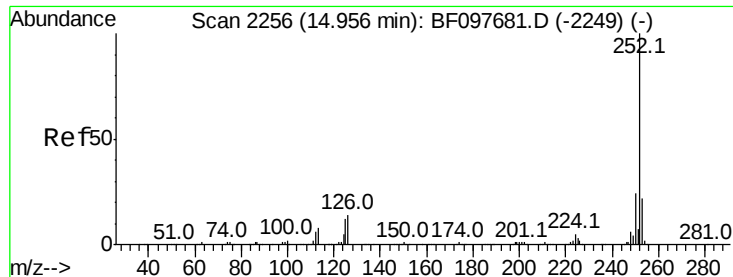
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2249
 Delta R.T. 0.01 min
 Lab File: BF097910.D
 Acq: 21 Aug 2017 17:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.5	29.3
265	22.1	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 43.158 ng

RT: 14.92 min Scan# 2181

Delta R.T. 0.01 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

Instrument :

BNA_F

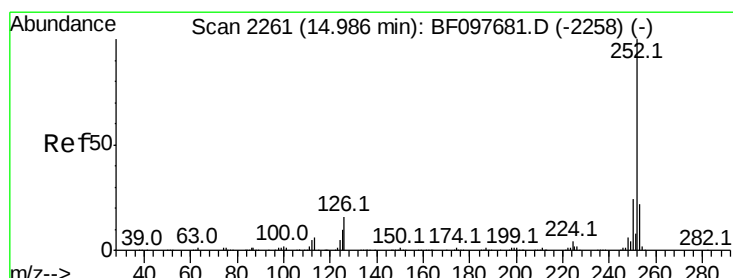
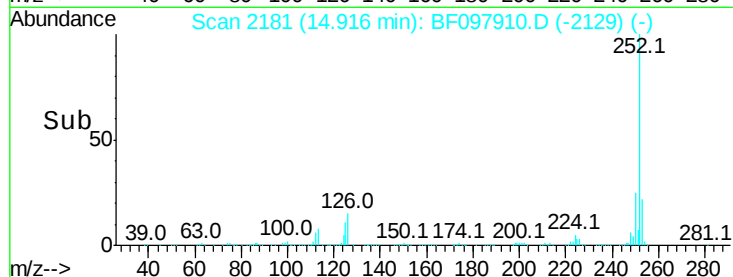
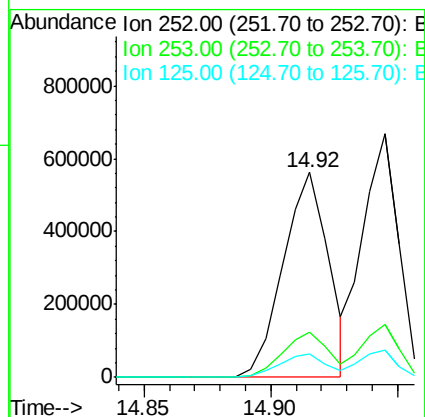
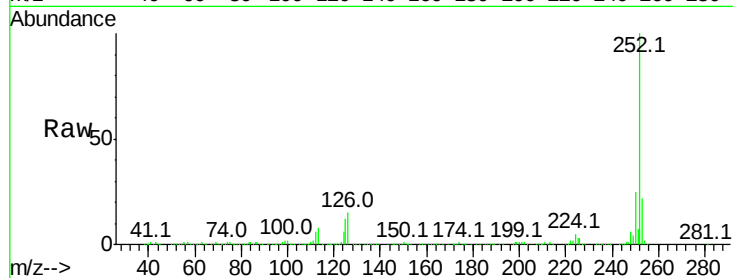
ClientSampleId :

PB101695BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	11.6	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 43.980 ng

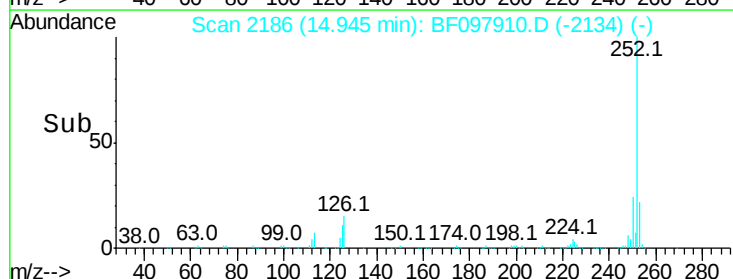
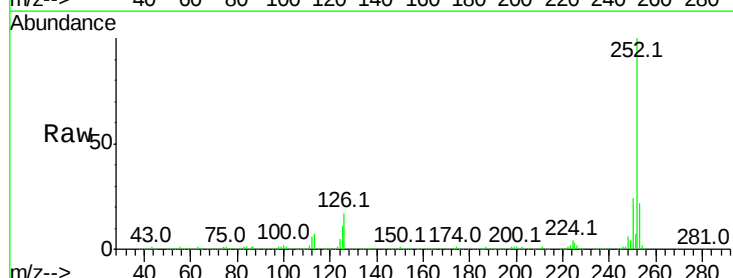
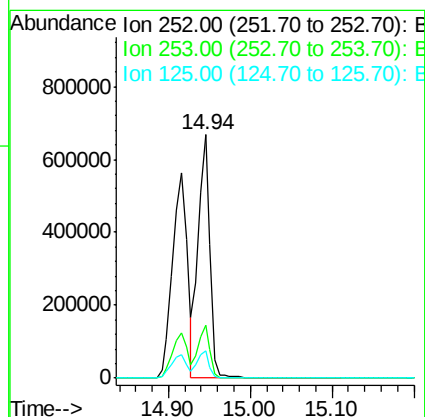
RT: 14.94 min Scan# 2186

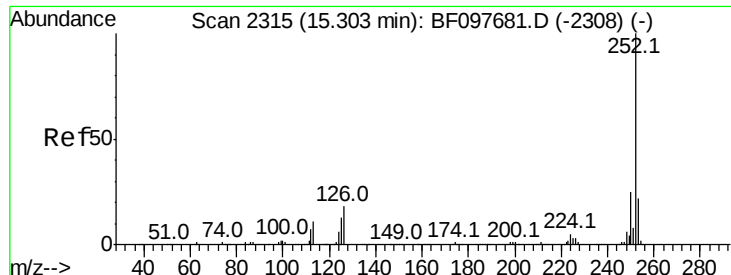
Delta R.T. 0.01 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.4	27.6
125	11.2	13.1	19.7#





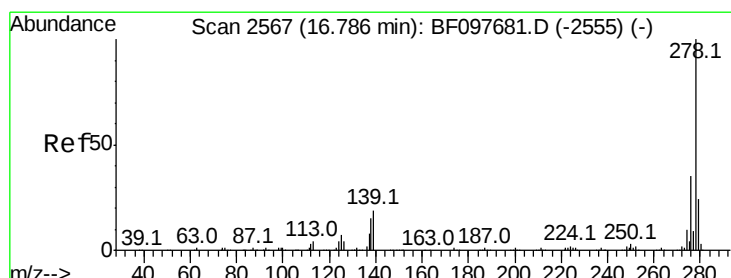
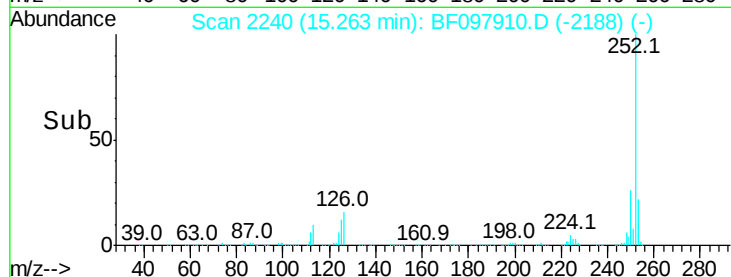
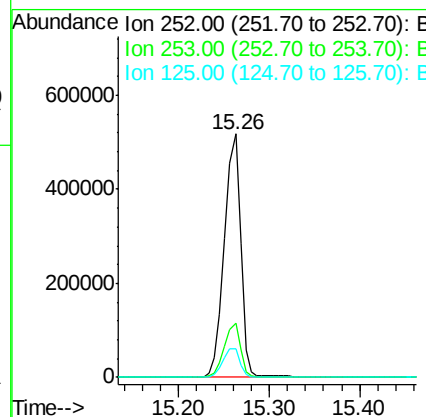
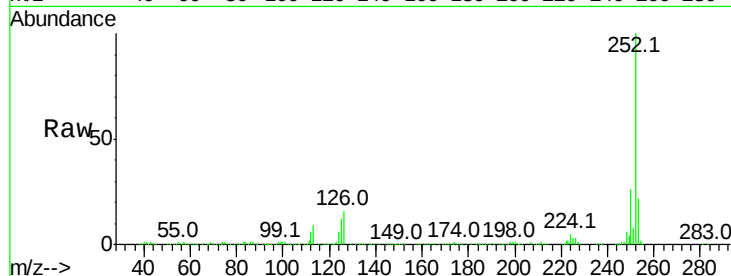
#89
Benzo(a)pyrene
Concen: 44.967 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

Instrument :
BNA_F
ClientSampleId :
PB101695BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	11.9	11.0	16.4

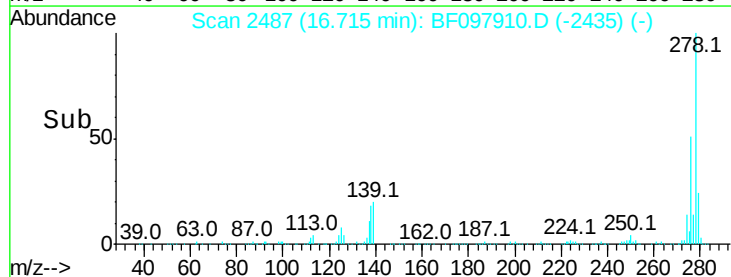
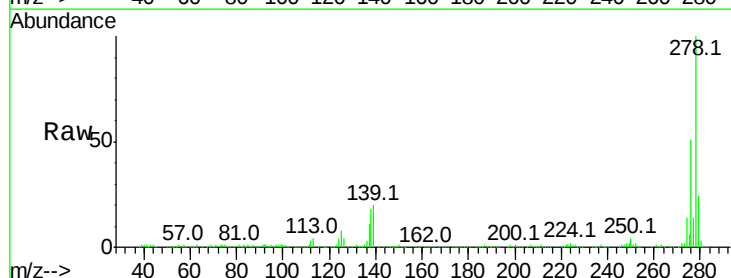
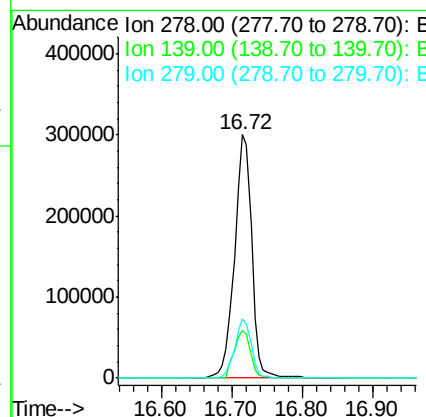
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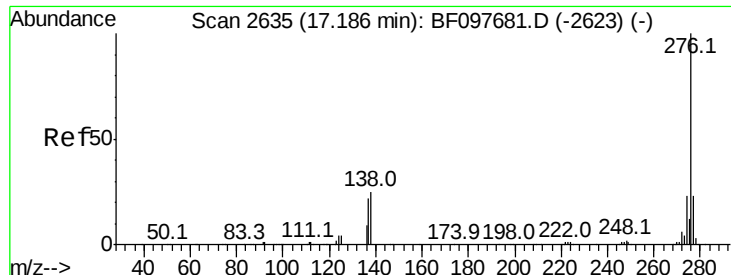
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 43.546 ng
RT: 16.72 min Scan# 2487
Delta R.T. 0.01 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.6	16.6	24.8
279	24.2	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 43.708 ng

RT: 17.12 min Scan# 2555

Delta R.T. 0.01 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

Instrument :

BNA_F

ClientSampleId :

PB101695BS

Tot Ion:	276	Resp:	533174
Ion Ratio	Lower	Upper	
276	100		
277	24.0	18.6	28.0
138	25.9	25.4	38.0

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