

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080417\
 Data File : BF097353.D
 Acq On : 4 Aug 2017 13:51
 Operator : SJ/JU
 Sample : PB101182BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101182BS

Manual Integrations
 APPROVED

Sohil
 8/7/2017 6:09:27 PM

Quant Time: Aug 04 17:06:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 16:25:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.44	152	96286	20.00	ng	0.00
21) Naphthalene-d8	7.72	136	443616	20.00	ng	0.00
38) Acenaphthene-d10	9.46	164	167208	20.00	ng	0.00
63) Phenanthrene-d10	10.94	188	288999	20.00	ng	0.00
75) Chrysene-d12	13.56	240	192523	20.00	ng	0.00
86) Perylene-d12	14.89	264	187976	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.05	112	634364	99.32	ng	0.01
7) Phenol-d6	6.12	99	678416	93.04	ng	0.00
23) Nitrobenzene-d5	7.02	82	575726	76.13	ng	0.00
41) 2,4,6-Tribromophenol	10.26	330	119665	90.58	ng	0.00
44) 2-Fluorobiphenyl	8.80	172	909228	92.28	ng	0.00
78) Terphenyl-d14	12.52	244	754819	79.94	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.02	88	104951	39.375	ng	# 72
3) Pyridine	2.62	79	326710	40.029	ng	# 63
4) n-Nitrosodimethylamine	2.58	42	188724	41.738	ng	# 78
6) Aniline	6.10	93	343087	37.390	ng	92
8) 2-Chlorophenol	6.23	128	297301	43.531	ng	97
9) Benzaldehyde	5.98	77	169631	39.303	ng	96
10) Phenol	6.13	94	405567	46.891	ng	95
11) bis(2-Chloroethyl)ether	6.19	93	296021	43.274	ng	93
12) 1,3-Dichlorobenzene	6.37	146	299630	40.710	ng	97
13) 1,4-Dichlorobenzene	6.46	146	306363	42.002	ng	96
14) 1,2-Dichlorobenzene	6.61	146	261348	41.036	ng	98
15) Benzyl Alcohol	6.60	79	227147	49.202	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.73	45	581704	42.397	ng	64
17) 2-Methylphenol	6.73	107	229424	43.525	ng	# 88
18) Hexachloroethane	6.95	117	114347	42.851	ng	# 79
19) n-Nitroso-di-n-propylamine	6.87	70	209888	43.730	ng	# 81
20) 3+4-Methylphenols	6.89	107	320378	46.537	ng	# 64
22) Acetophenone	6.86	105	412192	38.692	ng	97
24) Nitrobenzene	7.03	77	301767	38.317	ng	92
25) Isophorone	7.27	82	516371	34.868	ng	97
26) 2-Nitrophenol	7.35	139	163530	38.380	ng	# 88
27) 2,4-Dimethylphenol	7.41	122	263859	37.540	ng	96
28) bis(2-Chloroethoxy)methane	7.49	93	375264	38.830	ng	98
29) 2,4-Dichlorophenol	7.60	162	257408	42.511	ng	96
30) 1,2,4-Trichlorobenzene	7.67	180	235182	40.749	ng	98
31) Naphthalene	7.75	128	884482	42.296	ng	99
32) Benzoic acid	7.58	122	172304	32.830	ng	93
33) 4-Chloroaniline	7.80	127	250228	29.408	ng	98
34) Hexachlorobutadiene	7.87	225	114041	37.271	ng	96
35) Caprolactam	8.19	113	77534m	39.933	ng	
36) 4-Chloro-3-methylphenol	8.32	107	232723	35.229	ng	90
37) 2-Methylnaphthalene	8.43	142	515500	38.935	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.60	216	184917	41.447	ng	99
40) Hexachlorocyclopentadiene	8.59	237	110026	71.304	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.73	196	129866	40.167	nq	97
43) 2,4,5-Trichlorophenol	8.77	196	132640	40.987	nq	97
45) 1,1'-Biphenyl	8.90	154	578795	40.527	nq	99
46) 2-Chloronaphthalene	8.92	162	444654	42.308	nq	95
47) 2-Nitroaniline	9.03	65	169651	44.479	nq	95
48) Acenaphthylene	9.33	152	681510	42.246	nq	99
49) Dimethylphthalate	9.21	163	535480	42.172	nq	99
50) 2,6-Dinitrotoluene	9.27	165	118694	44.074	nq #	92
51) Acenaphthene	9.50	154	410654	43.217	nq	98
52) 3-Nitroaniline	9.44	138	106986	32.006	nq #	90
53) 2,4-Dinitrophenol	9.56	184	102736	83.902	nq #	74
54) Dibenzofuran	9.67	168	599187	47.341	nq	96
55) 4-Nitrophenol	9.64	139	130944	65.871	nq #	67
56) 2,4-Dinitrotoluene	9.68	165	152836	49.367	nq #	76
57) Fluorene	10.01	166	447882	47.082	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.80	232	103156	46.167	nq	97
59) Diethylphthalate	9.90	149	527781	45.307	nq	99
60) 4-Chlorophenyl-phenylether	10.00	204	183108	46.614	nq	98
61) 4-Nitroaniline	10.05	138	138932	43.741	nq	92
62) Azobenzene	10.17	77	530605	49.099	nq	92
64) 4,6-Dinitro-2-methylphenol	10.09	198	78161	43.524	nq	92
65) n-Nitrosodiphenylamine	10.13	169	426635	42.428	nq	97
66) 4-Bromophenyl-phenylether	10.49	248	122659	42.529	nq	96
67) Hexachlorobenzene	10.56	284	131765	40.741	nq #	92
68) Atrazine	10.67	200	130871	45.387	nq	95
69) Pentachlorophenol	10.76	266	90882	67.914	nq	98
70) Phenanthrene	10.96	178	680407	43.941	nq	99
71) Anthracene	11.02	178	708303	44.661	nq	97
72) Carbazole	11.17	167	680142	43.606	nq	99
73) Di-n-butylphthalate	11.52	149	835207	43.319	nq	99
74) Fluoranthene	12.14	202	698093	46.019	nq	98
76) Benzidine	12.27	184	345354	48.345	nq #	93
77) Pyrene	12.36	202	715454	45.393	nq	100
79) Butylbenzylphthalate	12.99	149	362469	45.211	nq #	78
80) Benzo(a)anthracene	13.54	228	542538	43.553	nq	99
81) 3,3'-Dichlorobenzidine	13.52	252	136379	29.032	nq #	95
82) Chrysene	13.59	228	541050	44.480	nq	100
83) Bis(2-ethylhexyl)phthalate	13.56	149	437447	41.789	nq	100
84) Di-n-octyl phthalate	14.16	149	773742	40.278	nq #	92
85) Indeno(1,2,3-cd)pyrene	16.10	276	426334	40.875	nq	98
87) Benzo(b)fluoranthene	14.54	252	473627	41.915	nq	97
88) Benzo(k)fluoranthene	14.57	252	420890	39.089	nq	96
89) Benzo(a)pyrene	14.84	252	446746	43.199	nq	98
90) Dibenzo(a,h)anthracene	16.10	278	345335	40.720	nq #	94
91) Benzo(g,h,i)perylene	16.44	276	396328	44.564	nq	97

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

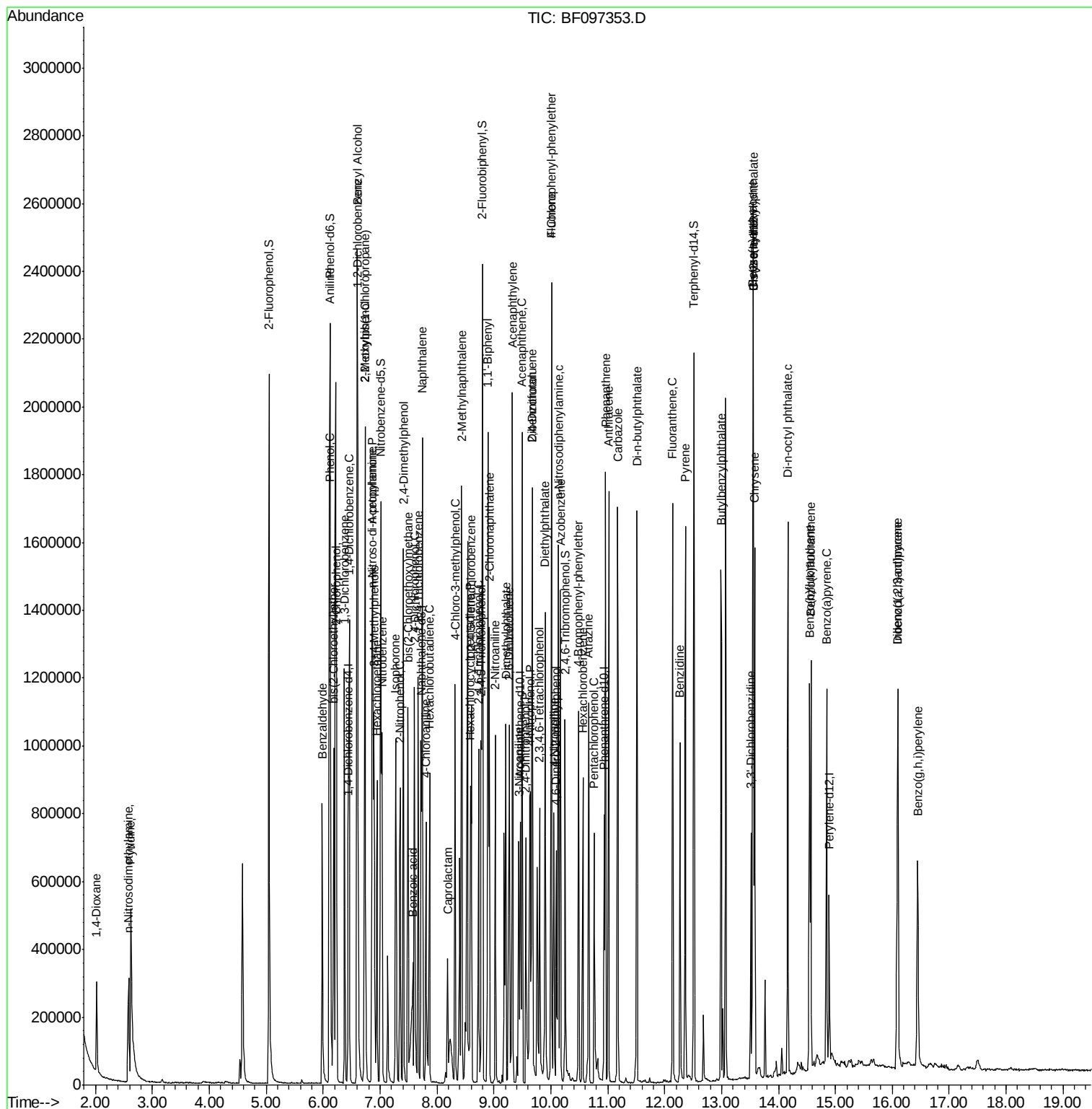
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Data File : BF097353.D  
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Sample    : PB101182BS  
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ALS Vial  : 3 Sample Multiplier: 1
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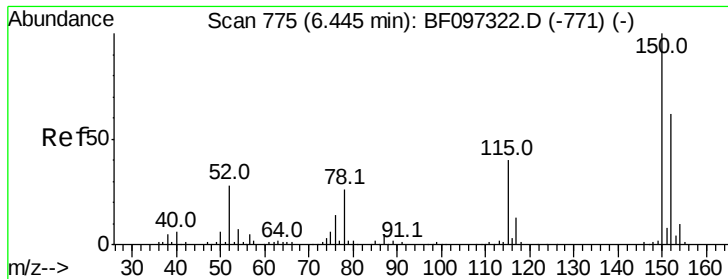
Instrument :
BNA_F
ClientSampleId :
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#1

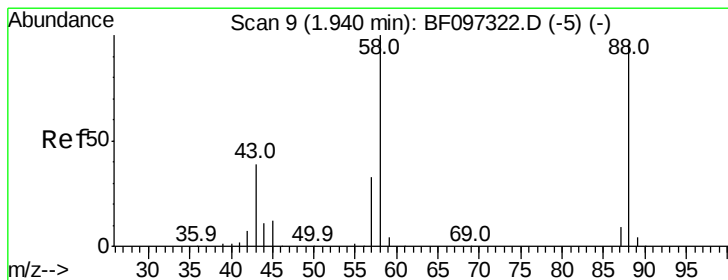
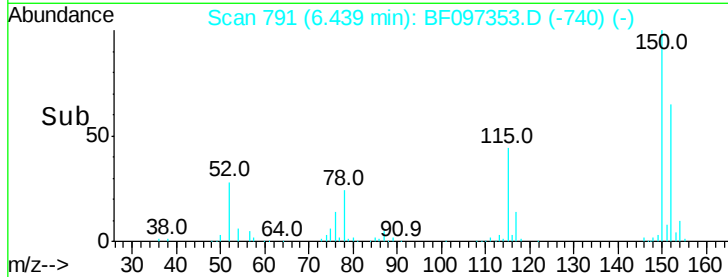
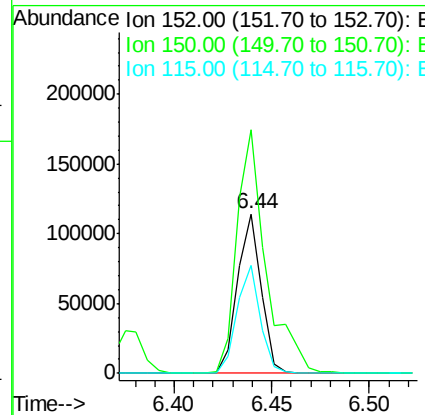
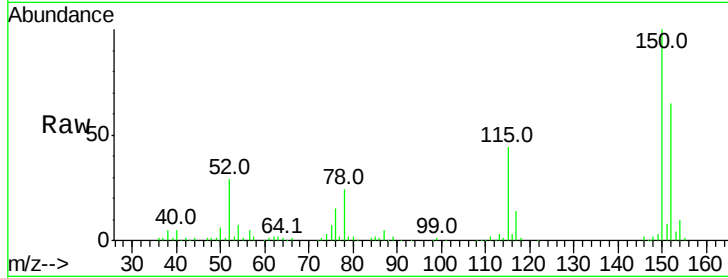
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.44 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF097353.D
Acq: 4 Aug 2017 13:51

Instrument :
BNA_F
ClientSampleId :
PB101182BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	126.2	189.2
115	67.5	52.2	78.2

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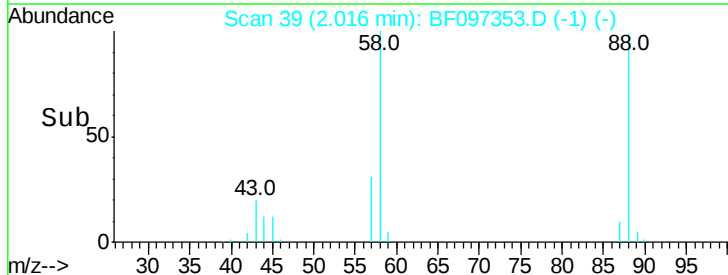
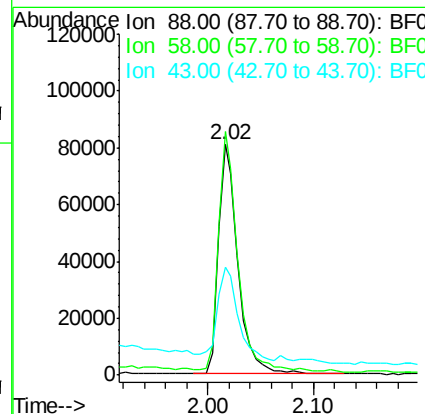
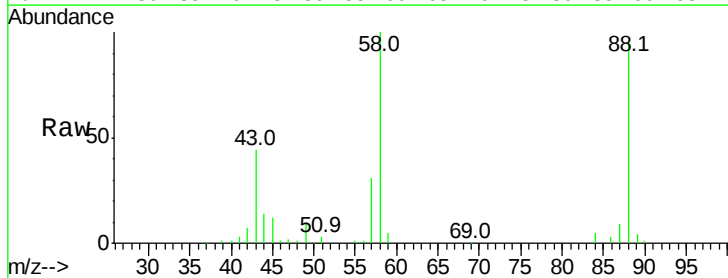
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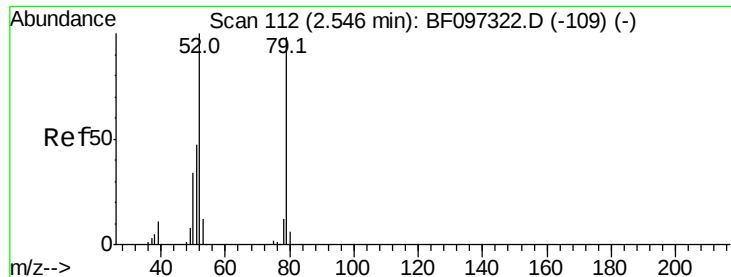


#2

1,4-Dioxane
Concen: 39.375 ng
RT: 2.02 min Scan# 39
Delta R.T. 0.08 min
Lab File: BF097353.D
Acq: 4 Aug 2017 13:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	101.5	61.4	92.0#
43	42.9	23.4	35.0#





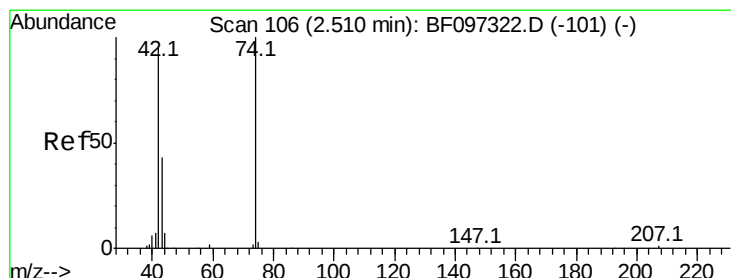
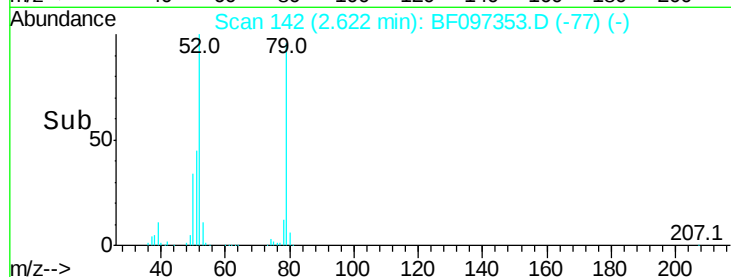
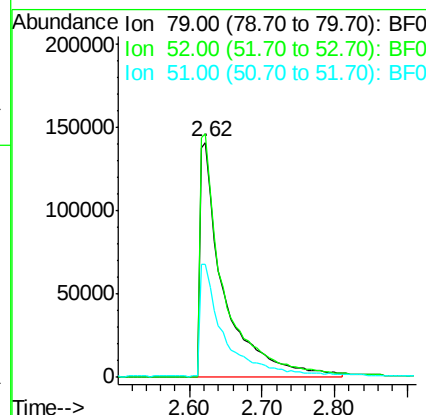
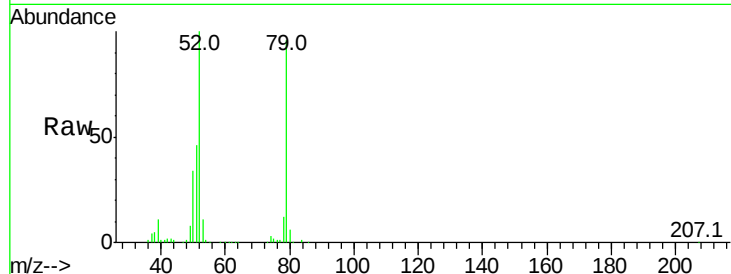
#3
Pvridine
Concen: 40.029 ng
RT: 2.62 min Scan# 142
Delta R.T. 0.08 min
Lab File: BF097353.D
Acq: 4 Aug 2017 13:51

Instrument :
BNA_F
ClientSampleId :
PB101182BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
52	103.6	54.8	82.2#	
51	48.2	27.0	40.4#	

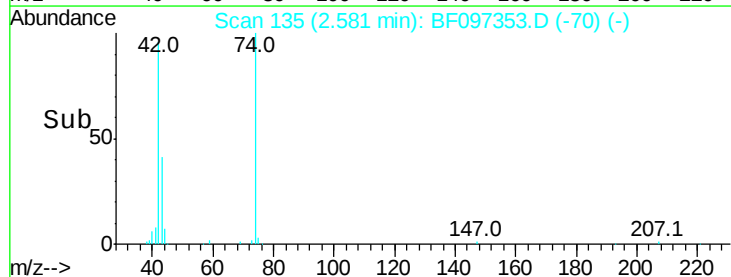
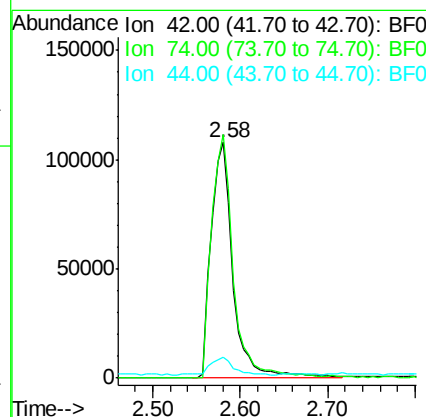
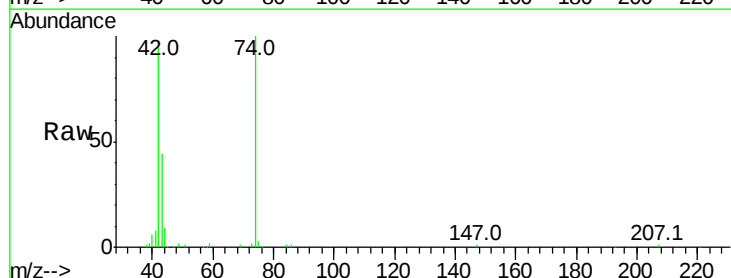
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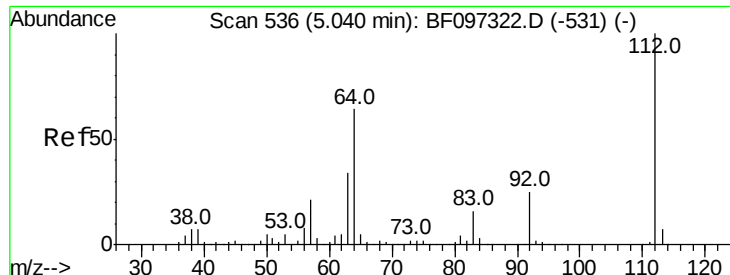
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#4
n-Nitrosodimethylamine
Concen: 41.738 ng
RT: 2.58 min Scan# 135
Delta R.T. 0.08 min
Lab File: BF097353.D
Acq: 4 Aug 2017 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
42	100			
74	103.3	103.9	155.9#	
44	9.0	5.7	8.5#	





#5

2-Fluorophenol

Concen: 99.318 ng

RT: 5.05 min Scan# 554

Delta R.T. 0.01 min

Lab File: BF097353.D

Acq: 4 Aug 2017 13:51

Instrument :

BNA_F

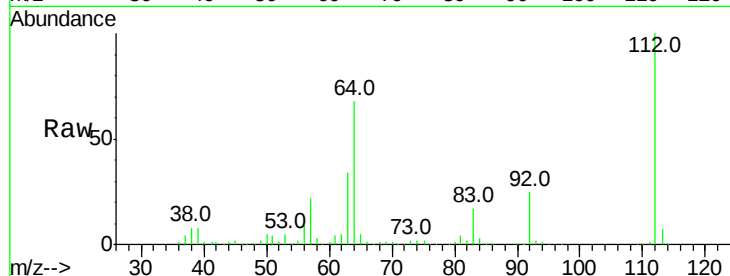
ClientSampleId :

PB101182BS

Tot Ion:	112	Resp:	634364
Ion Ratio	Lower	Upper	
112	100		
64	68.2	46.0	69.0
63	34.5	23.4	35.0

Manual Integrations
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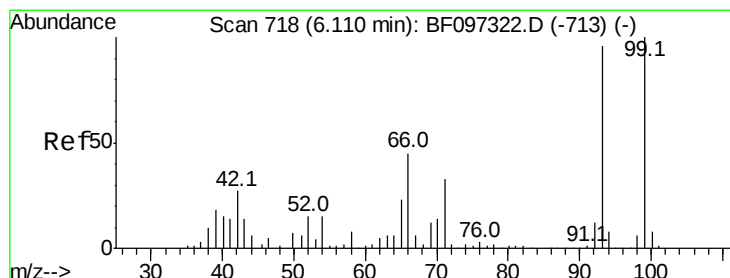
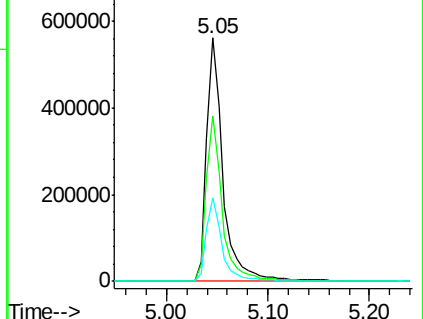
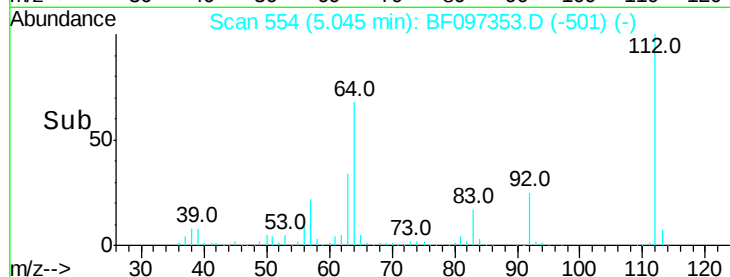
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 37.390 ng

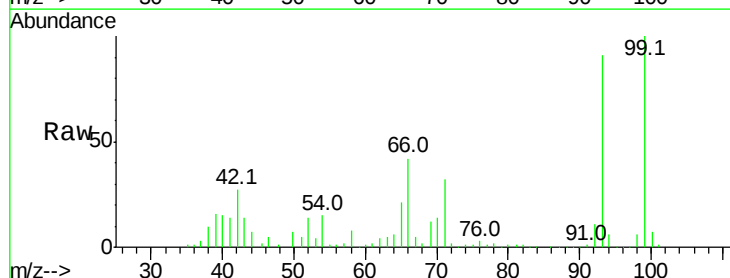
RT: 6.10 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF097353.D

Acq: 4 Aug 2017 13:51

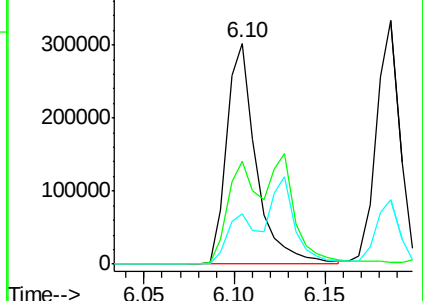
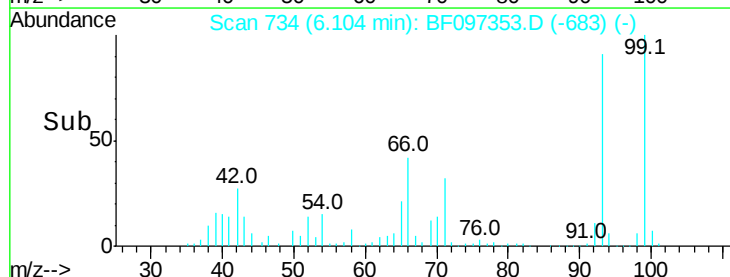
Tgt Ion:	93	Resp:	343087
Ion Ratio	Lower	Upper	
93	100		
66	46.4	32.9	49.3
65	22.8	16.0	24.0

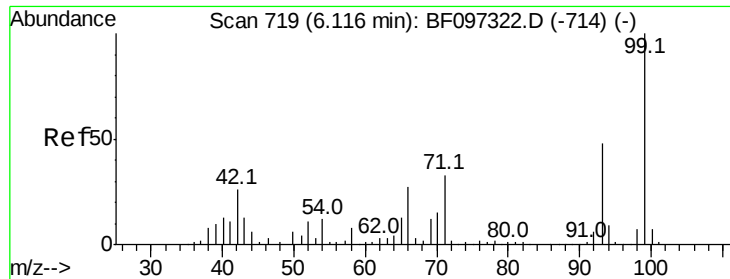


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 93.039 ng

RT: 6.12 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF097353.D

Acq: 4 Aug 2017 13:51

Instrument :

BNA_F

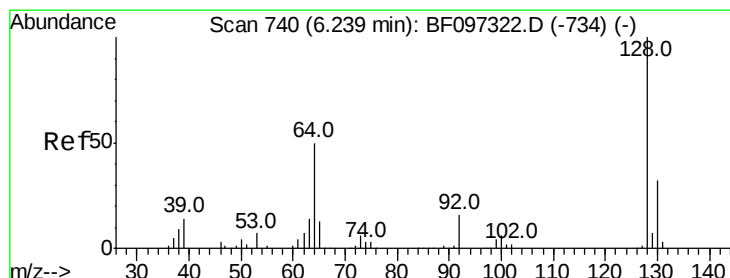
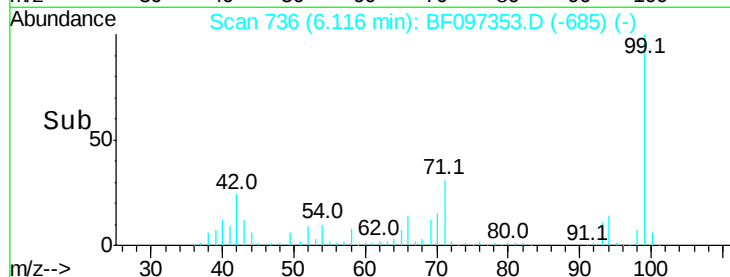
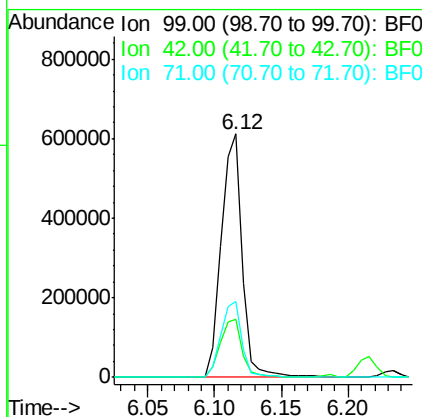
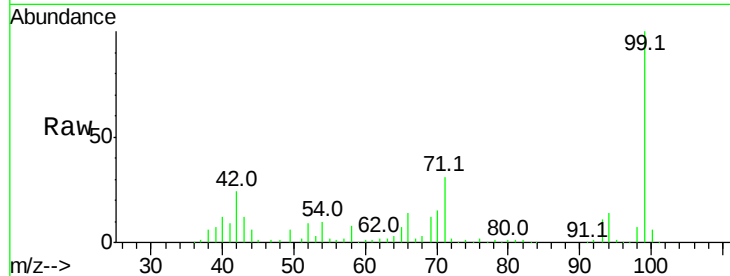
ClientSampleId :

PB101182BS

Tot Ion:	99	Resp:	678416
Ion Ratio	Lower	Upper	
99	100		
42	24.1	13.5	20.3#
71	31.4	24.5	36.7

Manual Integrations
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#8

2-Chlorophenol

Concen: 43.531 ng

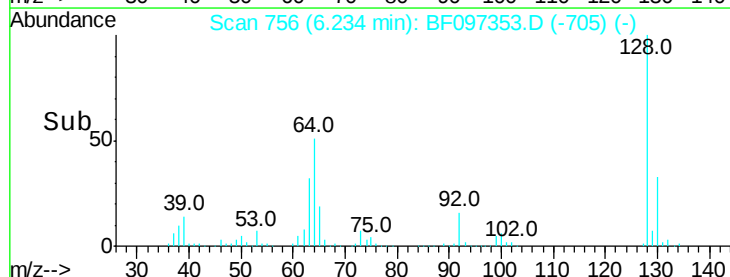
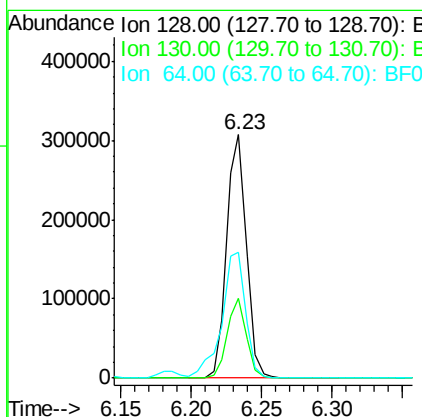
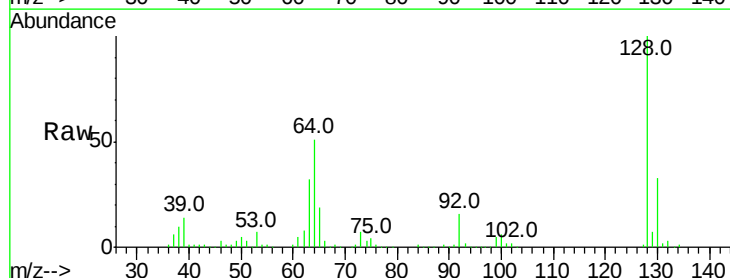
RT: 6.23 min Scan# 756

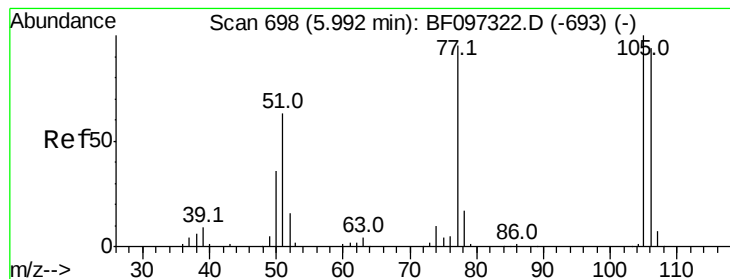
Delta R.T. -0.00 min

Lab File: BF097353.D

Acq: 4 Aug 2017 13:51

Tgt Ion:	128	Resp:	297301
Ion Ratio	Lower	Upper	
128	100		
130	32.8	12.9	52.9
64	51.5	28.4	68.4





#9

Benzaldehyde

Concen: 39.303 ng

RT: 5.98 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF097353.D

Acq: 4 Aug 2017 13:51

Instrument :

BNA_F

ClientSampleId :

PB101182BS

Tot Ion: 77 Resp: 169631

Ion Ratio Lower Upper

77 100

105 101.3 83.8 123.8

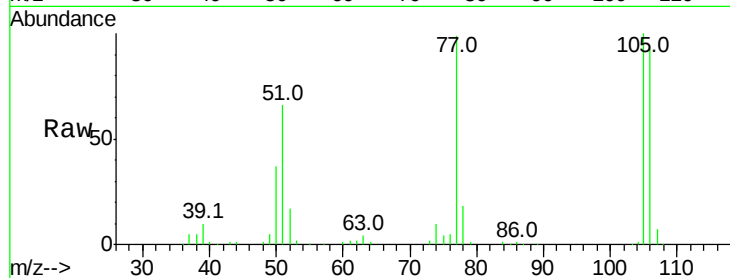
106 94.5 79.1 119.1

Manual Integrations

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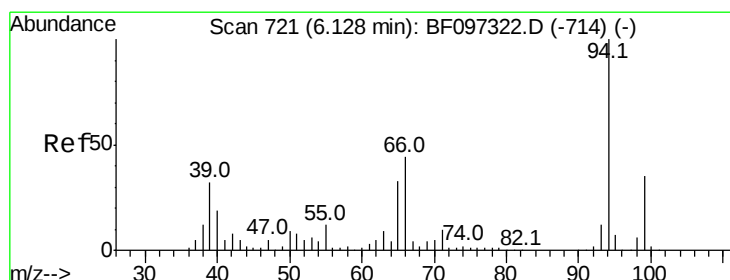
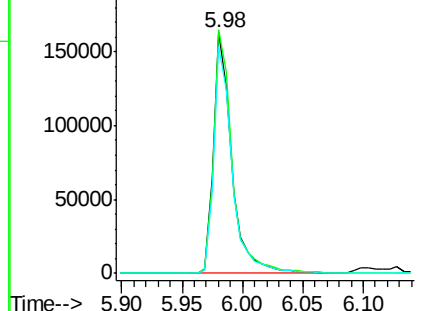
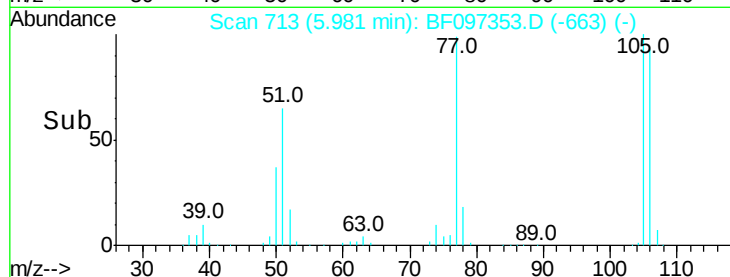
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 46.891 ng

RT: 6.13 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF097353.D

Acq: 4 Aug 2017 13:51

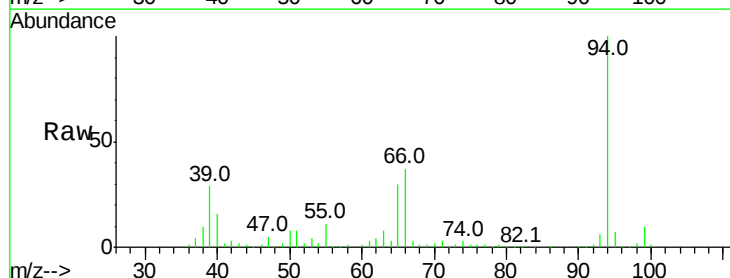
Tgt Ion: 94 Resp: 405567

Ion Ratio Lower Upper

94 100

65 29.7 9.9 49.9

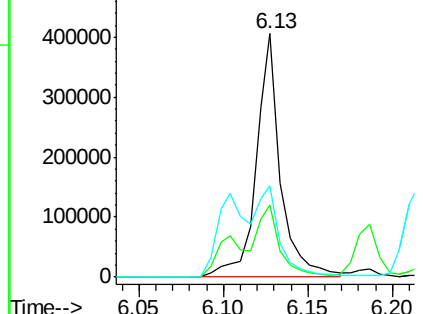
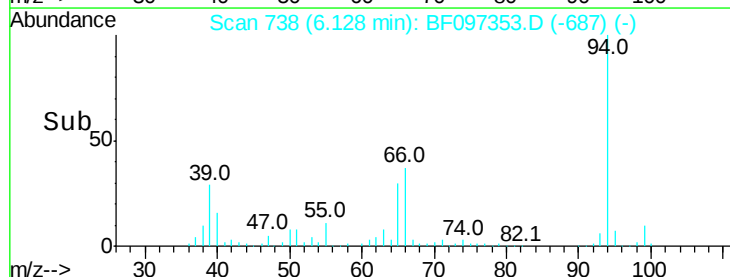
66 37.4 23.1 63.1

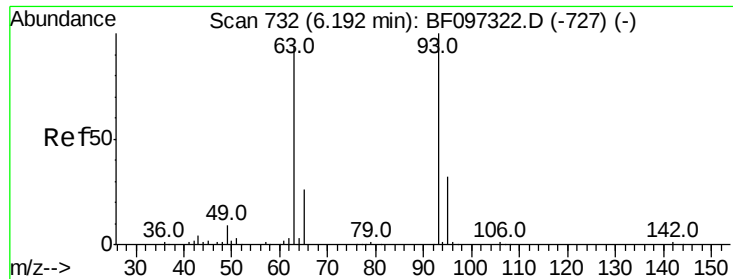


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 43.274 ng

RT: 6.19 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF097353.D

Acq: 4 Aug 2017 13:51

Instrument :

BNA_F

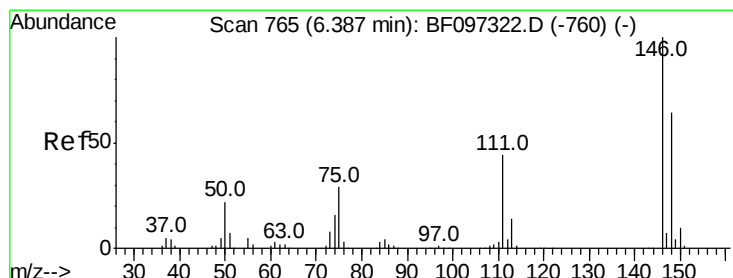
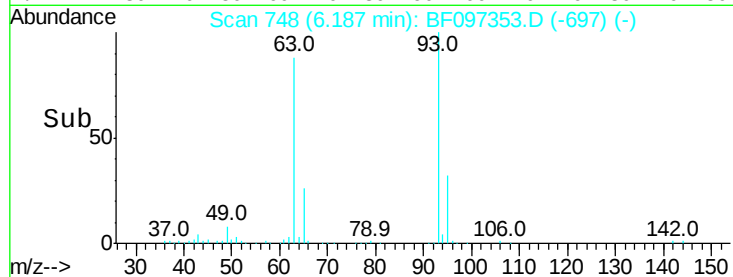
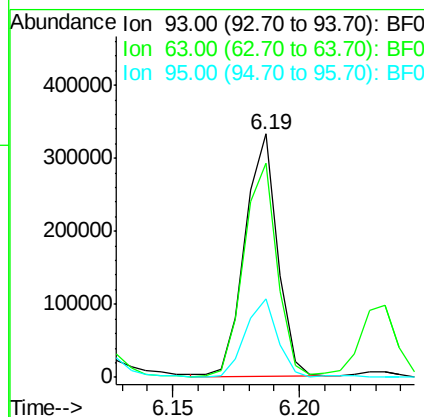
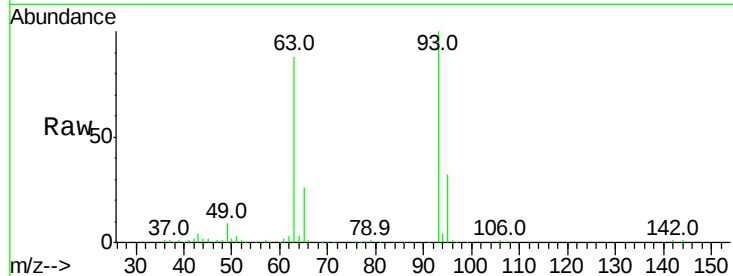
ClientSampleId :

PB101182BS

Tot Ion:	93	Resp:	296021
Ion Ratio	Lower	Upper	
93	100		
63	88.1	59.2	99.2
95	32.3	12.8	52.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 40.710 ng

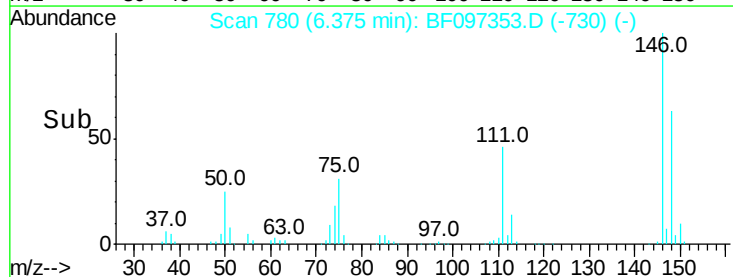
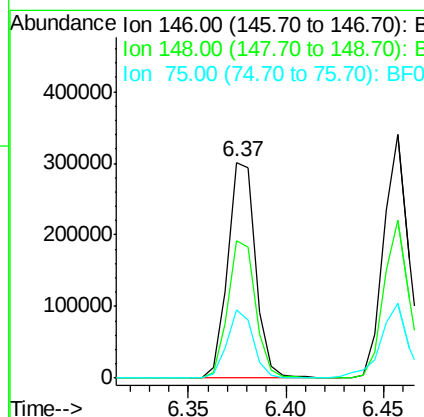
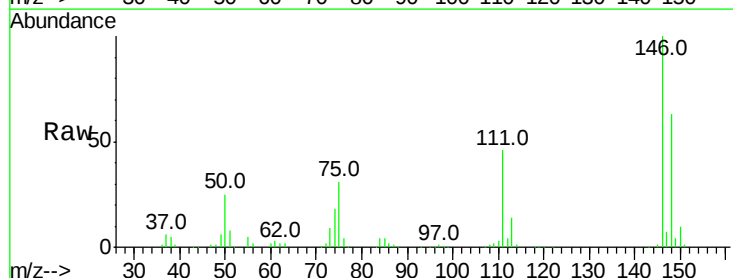
RT: 6.37 min Scan# 780

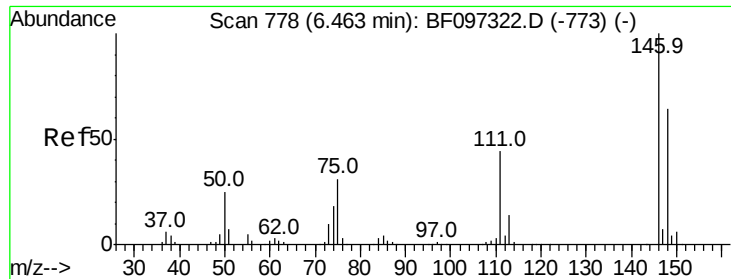
Delta R.T. -0.01 min

Lab File: BF097353.D

Acq: 4 Aug 2017 13:51

Tgt Ion:	146	Resp:	299630
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.8	77.6
75	31.4	23.1	34.7





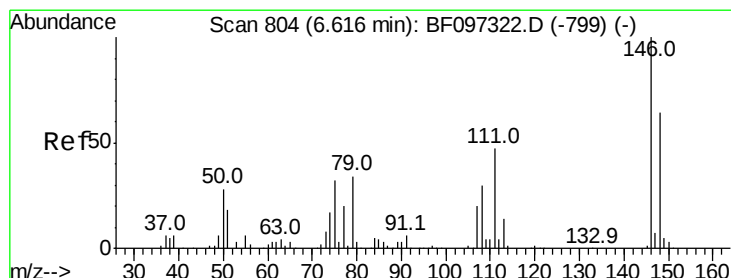
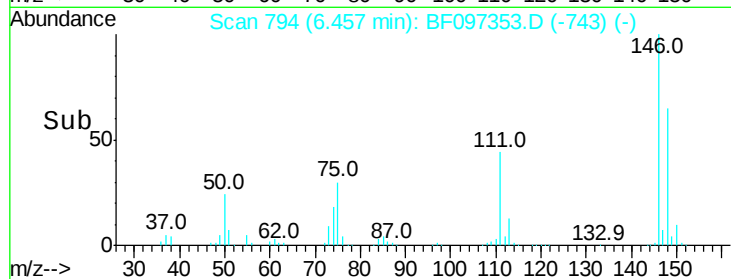
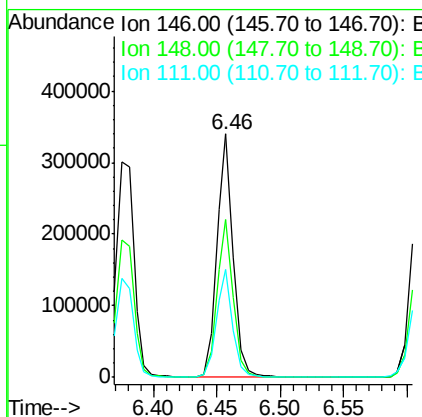
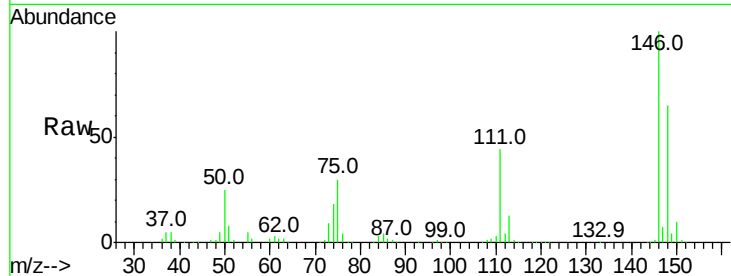
#13
 1,4-Dichlorobenzene
 Concen: 42.002 ng
 RT: 6.46 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF097353.D
 Acq: 4 Aug 2017 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PB101182BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.2	78.2
111	44.4	30.3	45.5

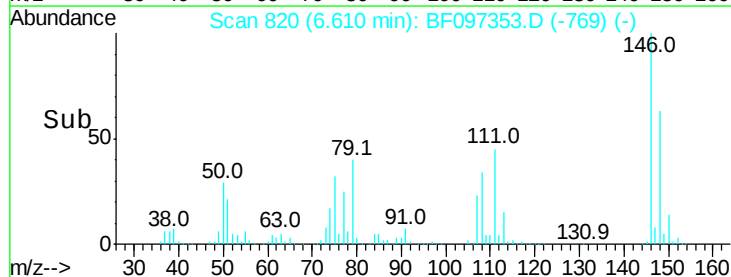
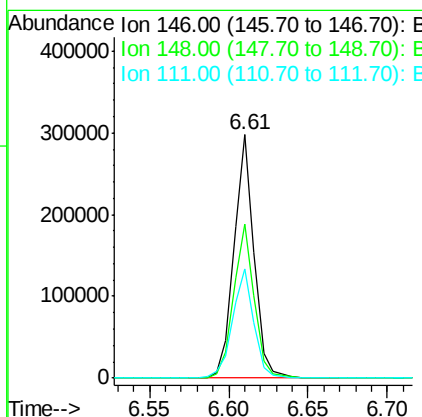
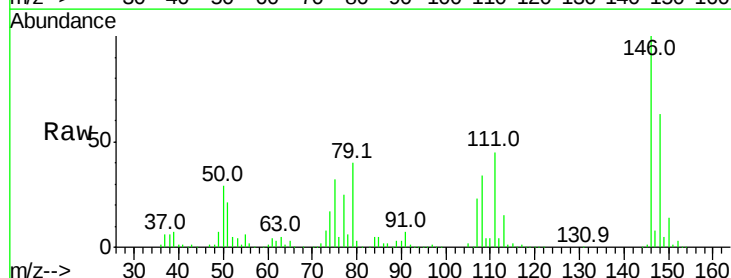
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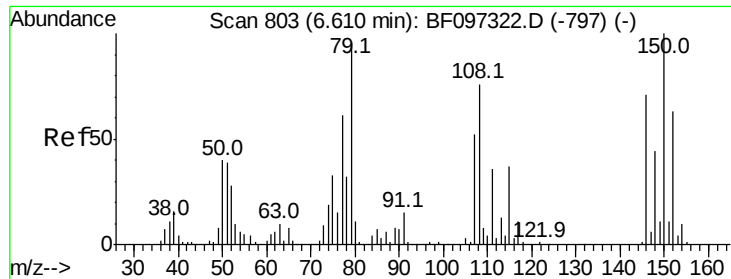
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#14
 1,2-Dichlorobenzene
 Concen: 41.036 ng
 RT: 6.61 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF097353.D
 Acq: 4 Aug 2017 13:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.4	75.6
111	44.8	38.2	57.4





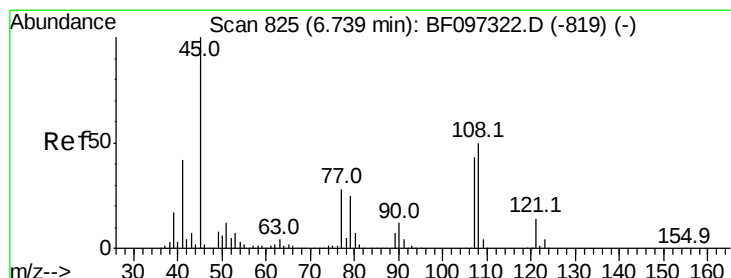
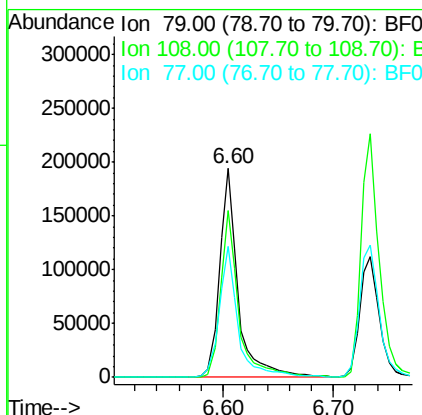
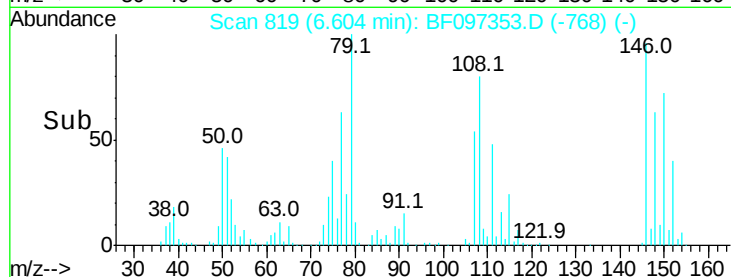
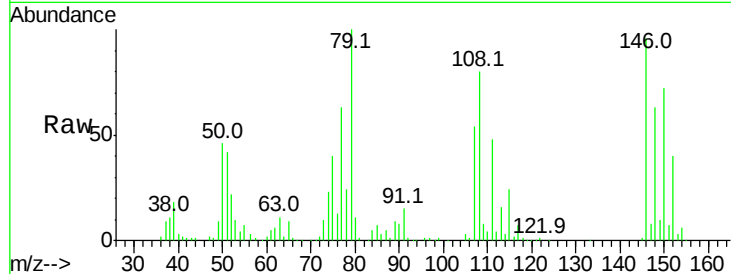
#15
Benzyl Alcohol
Concen: 49.202 ng
RT: 6.60 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF097353.D
Acq: 4 Aug 2017 13:51

Instrument :
BNA_F
ClientSampleId :
PB101182BS

Tot Ion: 79 Resp: 227147
Ion Ratio Lower Upper
79 100
108 79.7 63.4 95.0
77 62.9 49.2 73.8

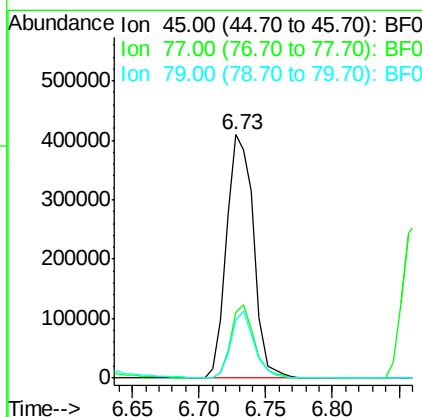
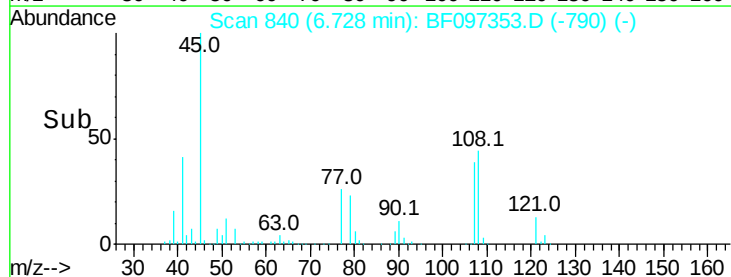
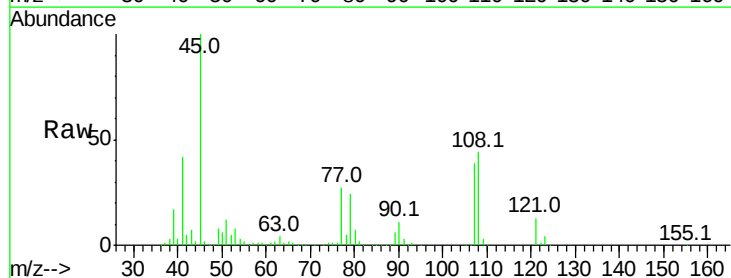
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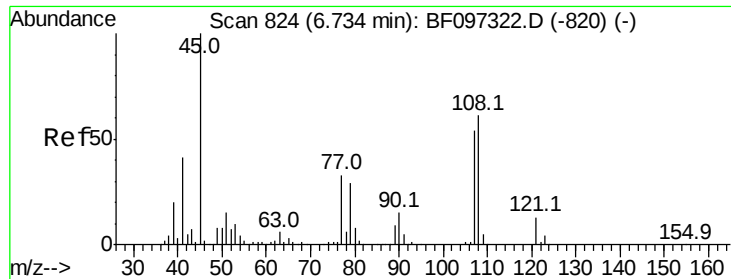
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.397 ng
RT: 6.73 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF097353.D
Acq: 4 Aug 2017 13:51

Tgt Ion: 45 Resp: 581704
Ion Ratio Lower Upper
45 100
77 27.1 0.0 33.2
79 23.8 0.0 30.0





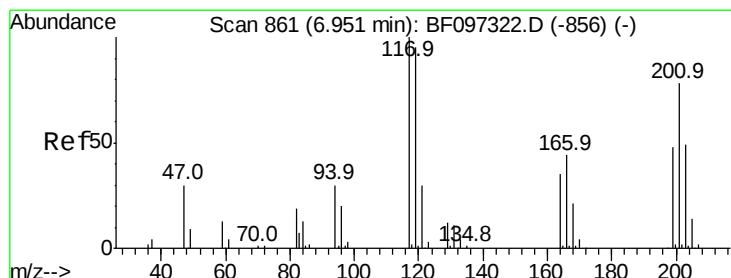
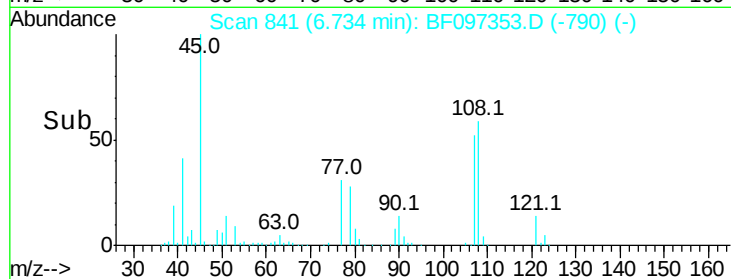
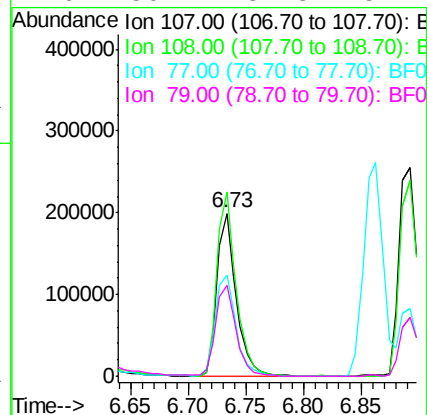
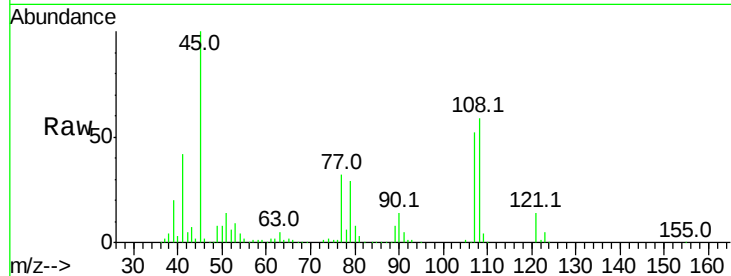
#17
2-Methylphenol
Concen: 43.525 ng
RT: 6.73 min Scan# 841
Delta R.T. -0.00 min
Lab File: BF097353.D
Acq: 4 Aug 2017 13:51

Instrument :
BNA_F
ClientSampleId :
PB101182BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.5	93.4	140.0	
77	61.8	35.8	53.6#	
79	56.1	34.8	52.2#	

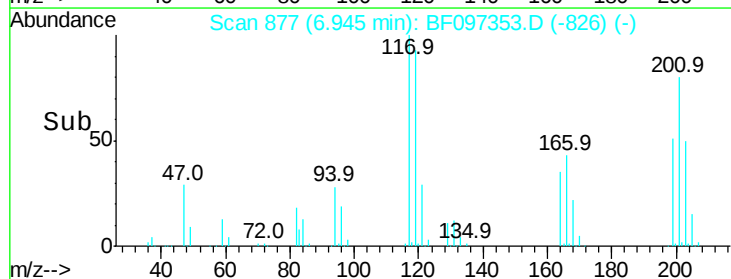
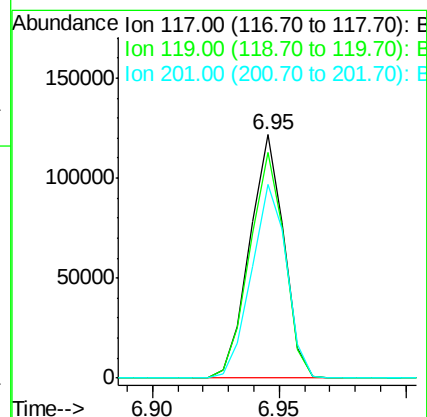
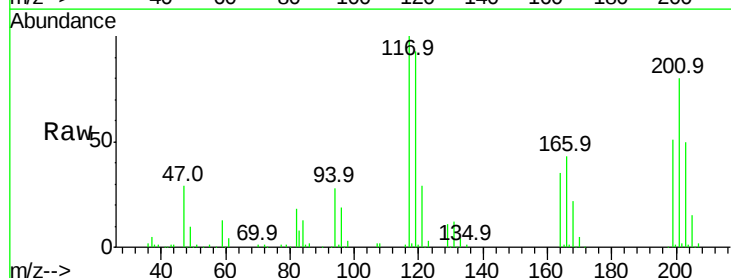
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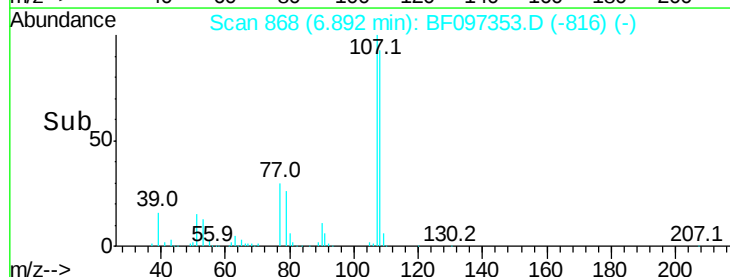
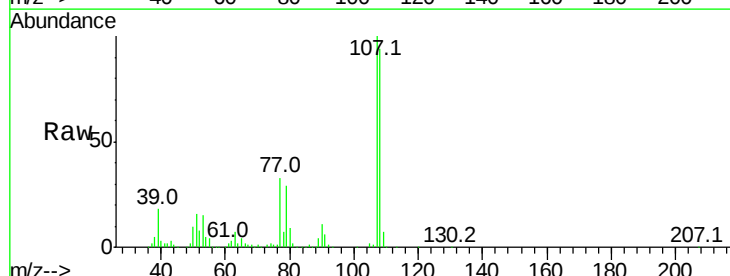
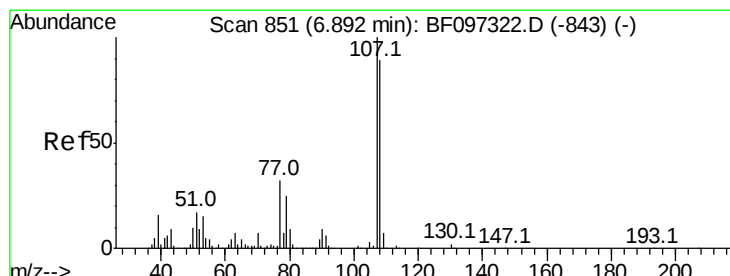
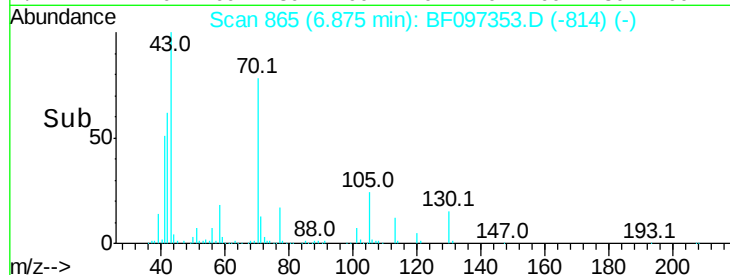
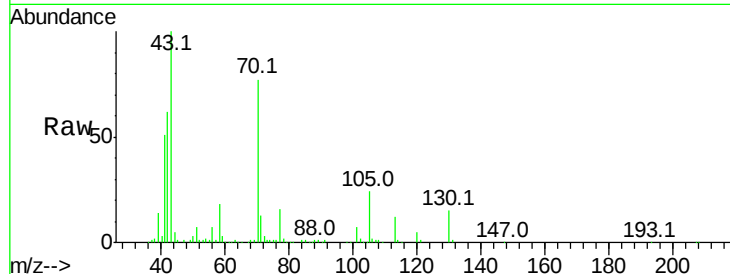
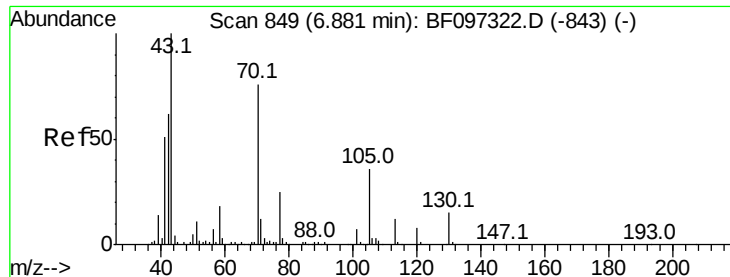
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#18
Hexachloroethane
Concen: 42.851 ng
RT: 6.95 min Scan# 877
Delta R.T. -0.00 min
Lab File: BF097353.D
Acq: 4 Aug 2017 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.8	77.4	116.0	
201	79.8	94.6	141.8#	





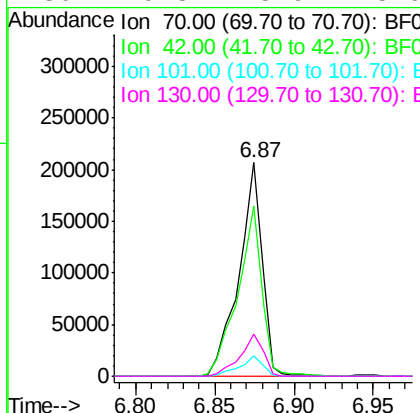
#19
n-Nitroso-di-n-propylamine
Concen: 43.730 ng
RT: 6.87 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF097353.D
Acq: 4 Aug 2017 13:51

Instrument :
BNA_F
ClientSampleId :
PB101182BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	79.9	47.2	70.8#	
101	9.4	7.2	10.8	
130	19.8	15.9	23.9	

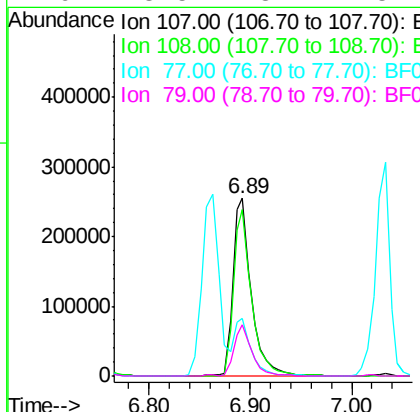
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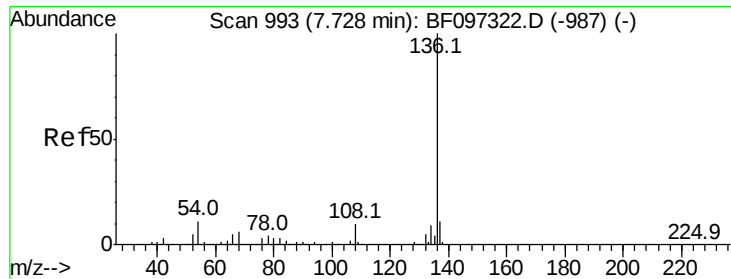
Sohil
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#20
3+4-Methylphenols
Concen: 46.537 ng
RT: 6.89 min Scan# 868
Delta R.T. 0.01 min
Lab File: BF097353.D
Acq: 4 Aug 2017 13:51

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	93.8	71.0	111.0	
77	32.8	90.5	130.5#	
79	28.5	8.4	48.4	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.72 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF097353.D

Acq: 4 Aug 2017 13:51

Instrument :

BNA_F

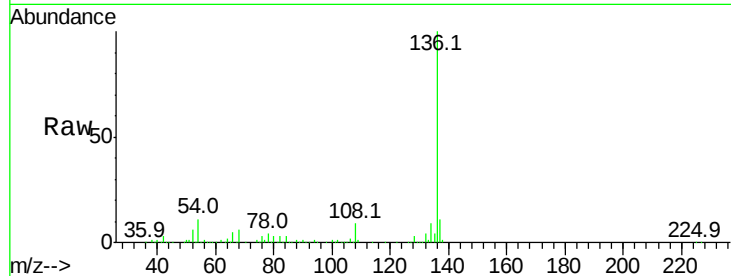
ClientSampleId :

PB101182BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	443616		
137	11.0	8.5	12.7	
54	11.3	4.9	7.3#	
68	6.2	4.1	6.1#	

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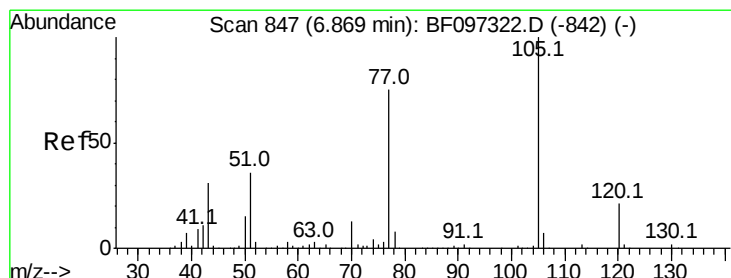
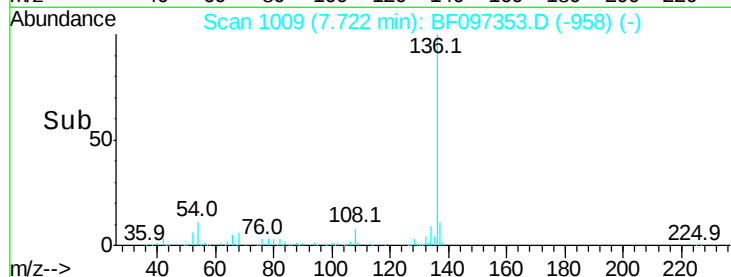
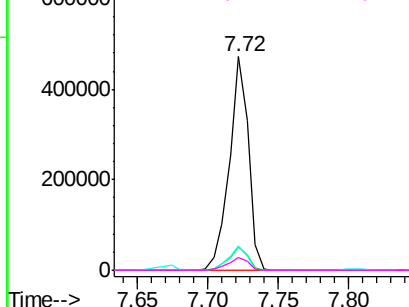


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.692 ng

RT: 6.86 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF097353.D

Acq: 4 Aug 2017 13:51

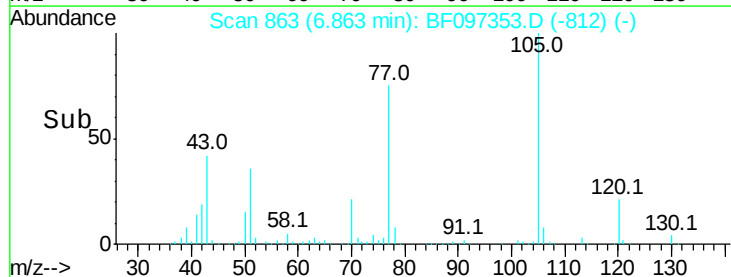
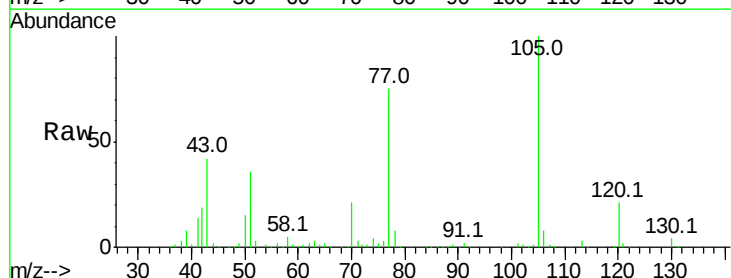
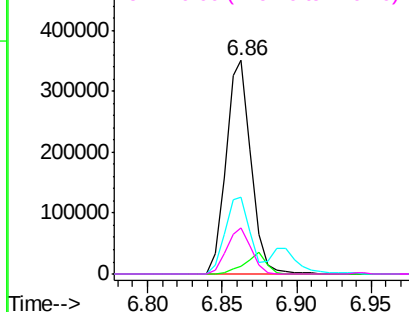
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	412192		
71	3.5	2.8	4.2	
51	35.9	30.7	46.1	
120	21.5	17.4	26.0	

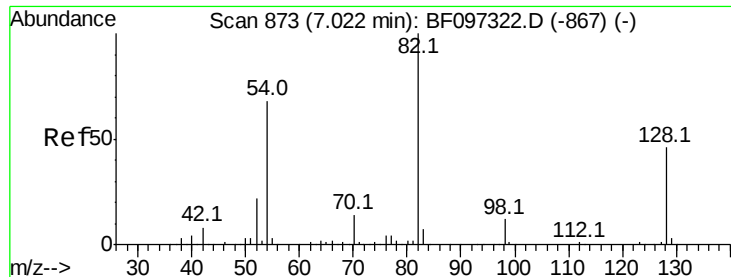
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





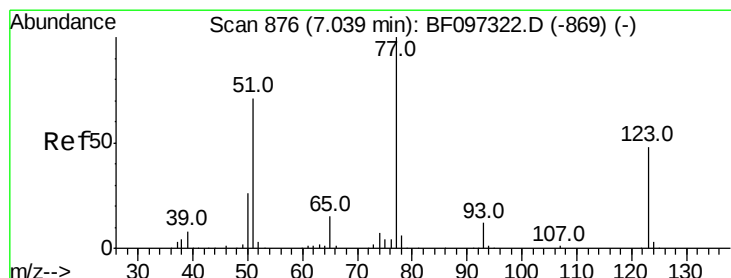
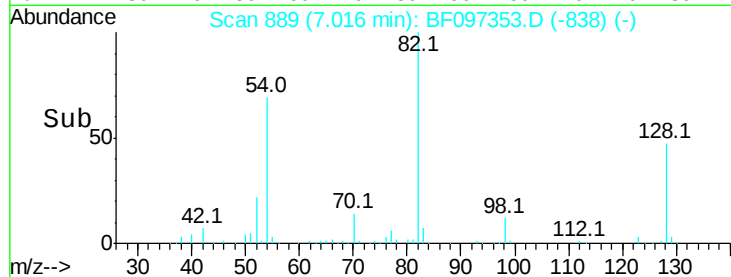
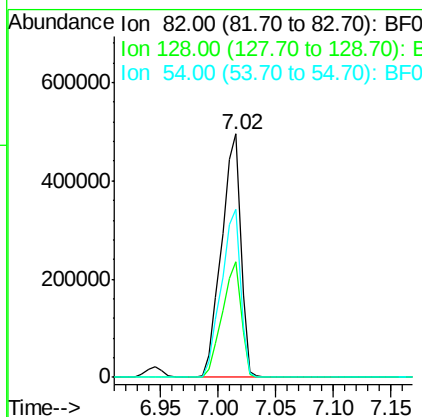
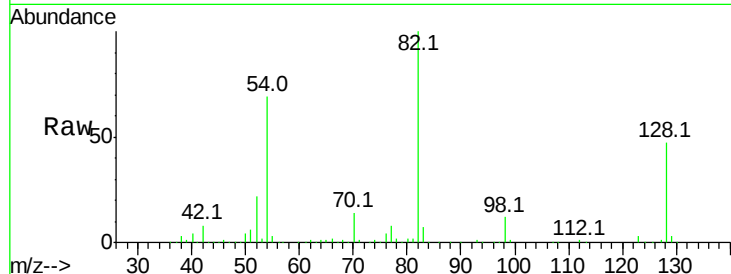
#23
 Nitrobenzene-d5
 Concen: 76.134 ng
 RT: 7.02 min Scan# 889
 Delta R.T. -0.00 min
 Lab File: BF097353.D
 Acq: 4 Aug 2017 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PB101182BS

Tot Ion:	82	Resp:	575726
Ion Ratio	Lower	Upper	
82	100		
128	47.2	34.0	51.0
54	69.0	42.2	63.2#

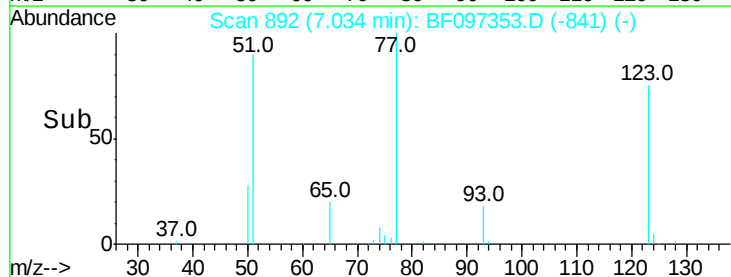
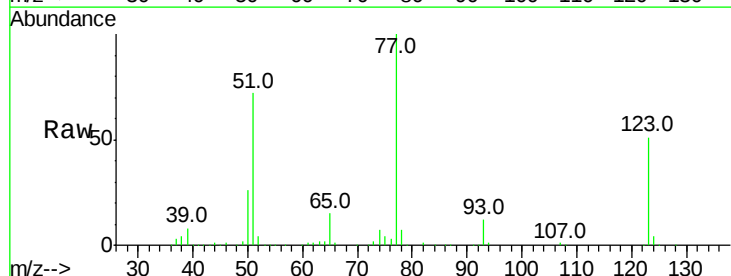
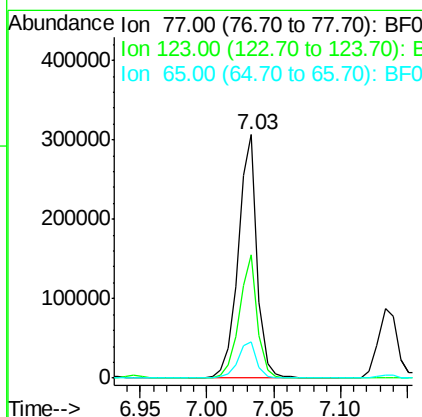
Manual Integrations
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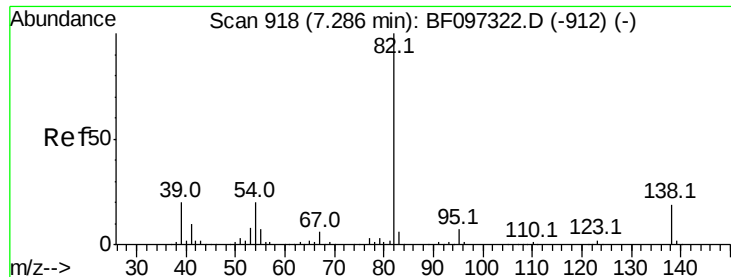
Sohil
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#24
 Nitrobenzene
 Concen: 38.317 ng
 RT: 7.03 min Scan# 892
 Delta R.T. -0.00 min
 Lab File: BF097353.D
 Acq: 4 Aug 2017 13:51

Tgt Ion:	77	Resp:	301767
Ion Ratio	Lower	Upper	
77	100		
123	50.7	35.8	53.8
65	15.0	10.6	15.8





#25

Isophorone

Concen: 34.868 ng

RT: 7.27 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF097353.D

Acq: 4 Aug 2017 13:51

Instrument :

BNA_F

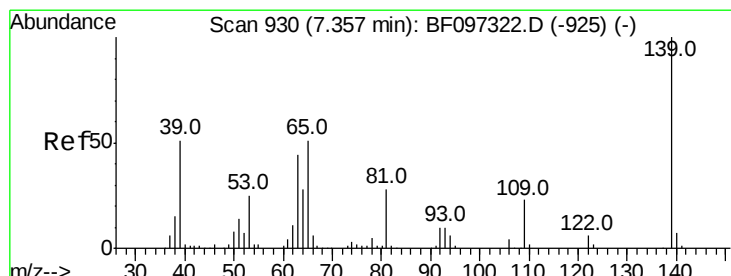
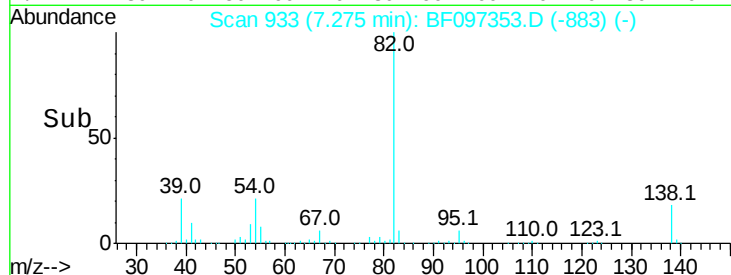
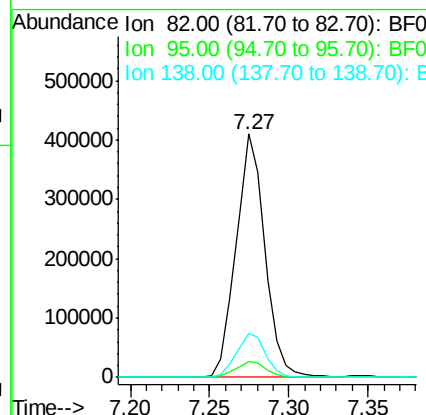
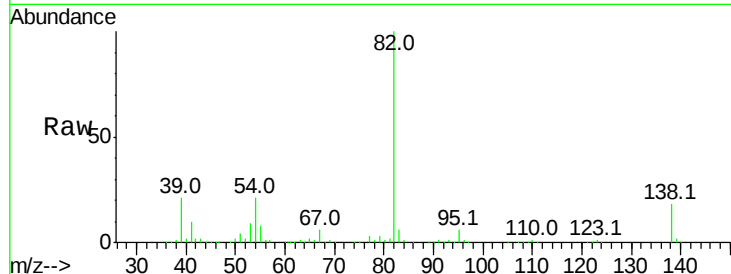
ClientSampleId :

PB101182BS

Tot Ion:	82	Resp:	516371
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.3	7.9
138	18.2	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 38.380 ng

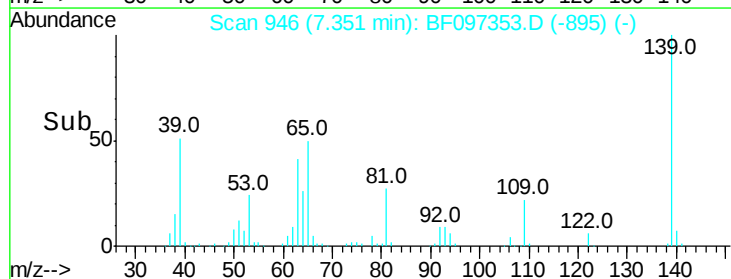
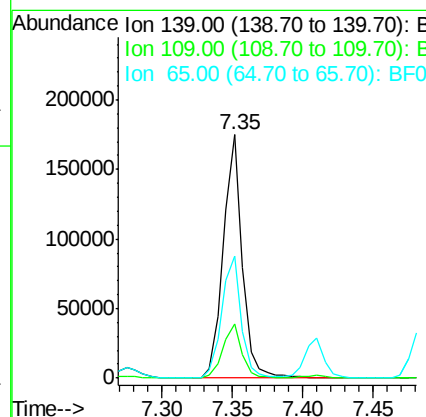
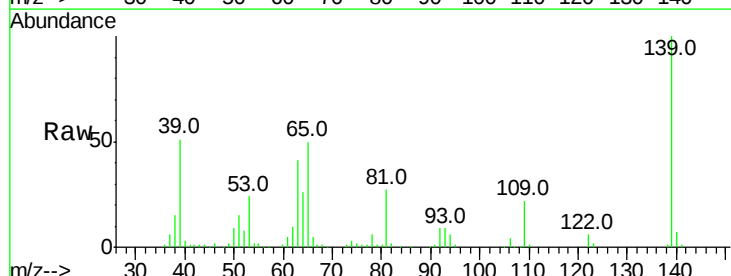
RT: 7.35 min Scan# 946

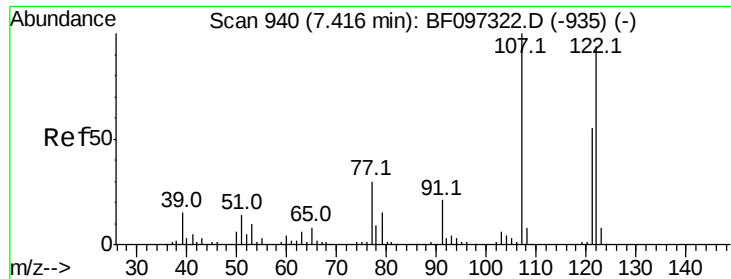
Delta R.T. -0.00 min

Lab File: BF097353.D

Acq: 4 Aug 2017 13:51

Tgt Ion:	139	Resp:	163530
Ion Ratio	Lower	Upper	
139	100		
109	22.5	21.0	31.6
65	50.3	33.0	49.6#





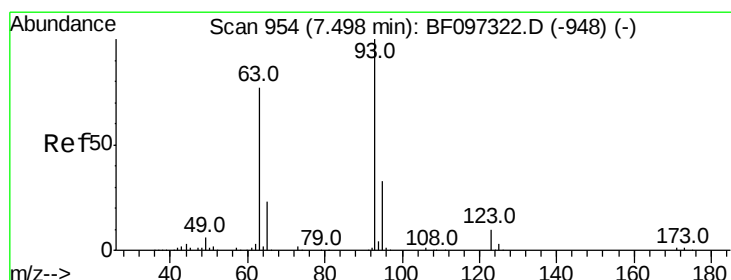
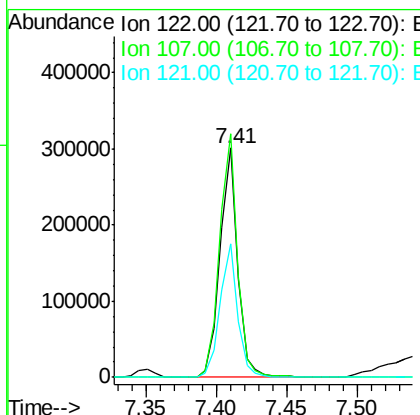
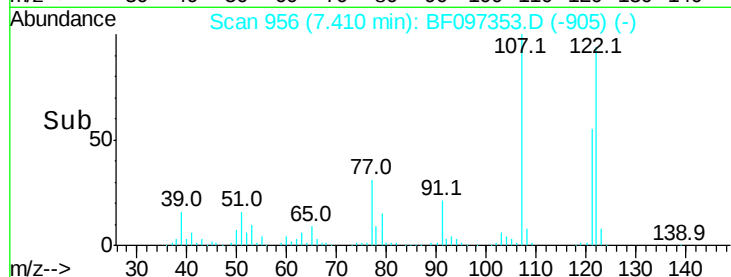
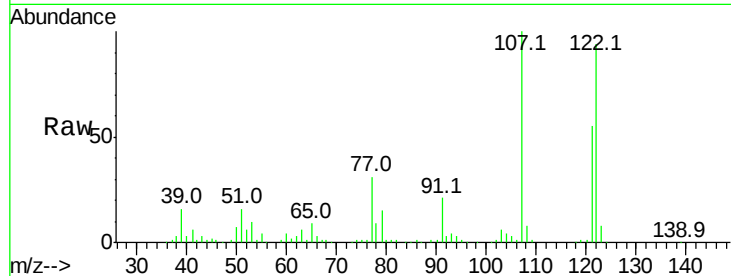
#27
 2,4-Dimethylphenol
 Concen: 37.540 ng
 RT: 7.41 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: BF097353.D
 Acq: 4 Aug 2017 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PB101182BS

Tot Ion:	122	Resp:	263859
Ion Ratio	Lower	Upper	
122	100		
107	106.3	89.2	133.8
121	58.1	45.2	67.8

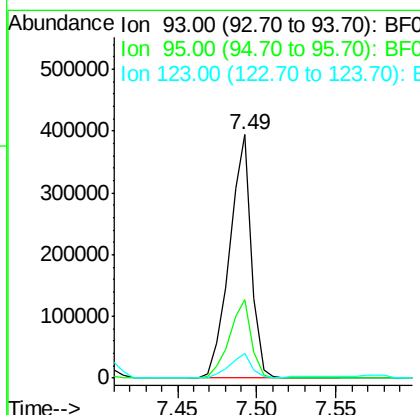
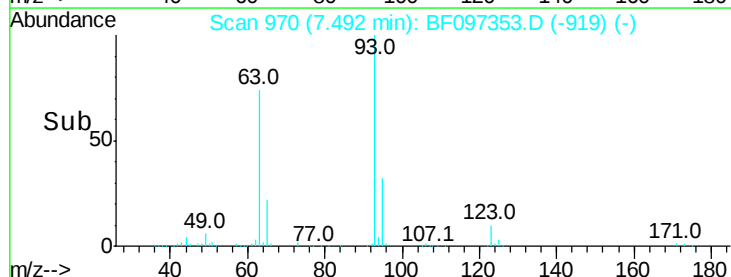
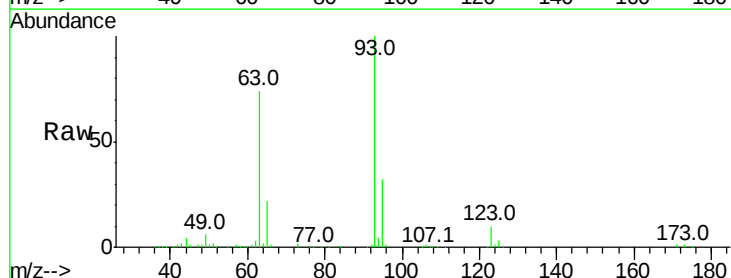
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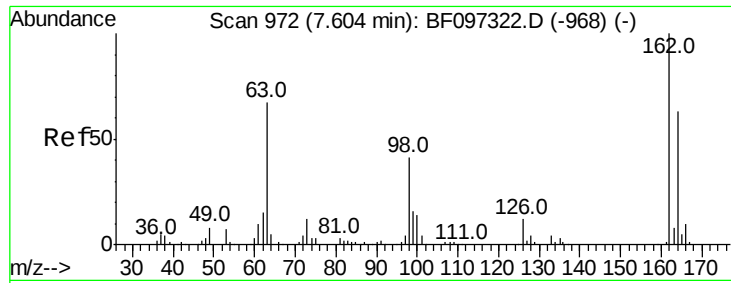
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#28
 bis(2-Chloroethoxy)methane
 Concen: 38.830 ng
 RT: 7.49 min Scan# 970
 Delta R.T. -0.00 min
 Lab File: BF097353.D
 Acq: 4 Aug 2017 13:51

Tgt Ion:	93	Resp:	375264
Ion Ratio	Lower	Upper	
93	100		
95	32.0	26.5	39.7
123	10.3	9.0	13.4





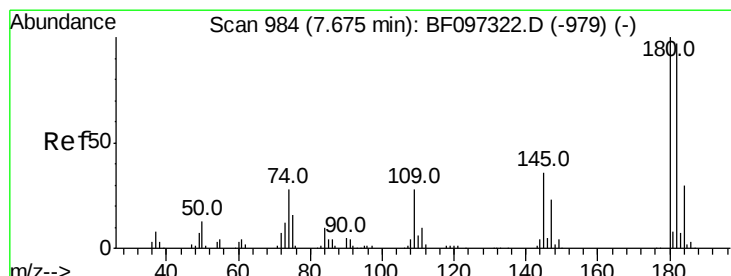
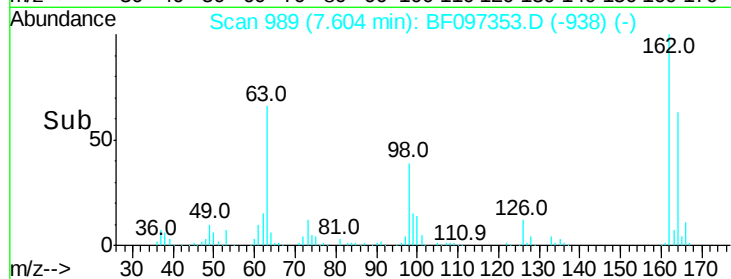
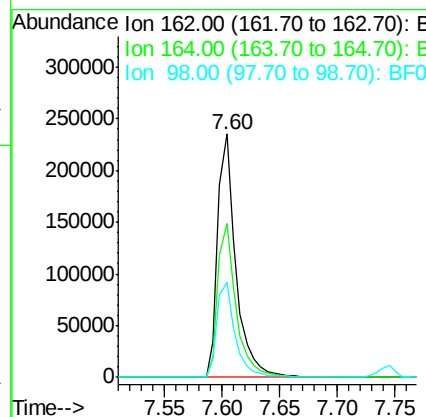
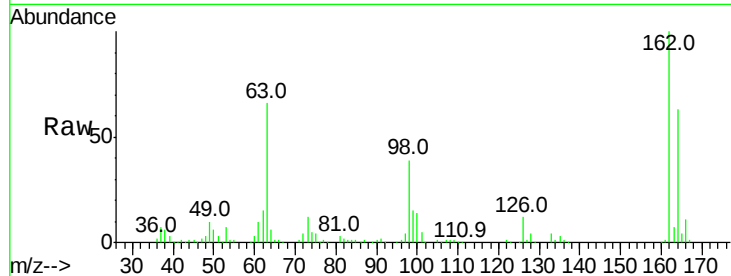
#29
 2,4-Dichlorophenol
 Concen: 42.511 ng
 RT: 7.60 min Scan# 989
 Delta R.T. -0.00 min
 Lab File: BF097353.D
 Acq: 4 Aug 2017 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PB101182BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	257408		
164	63.2	44.6	84.6	
98	39.1	14.8	54.8	

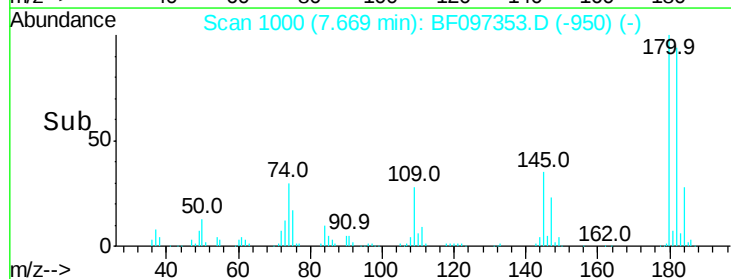
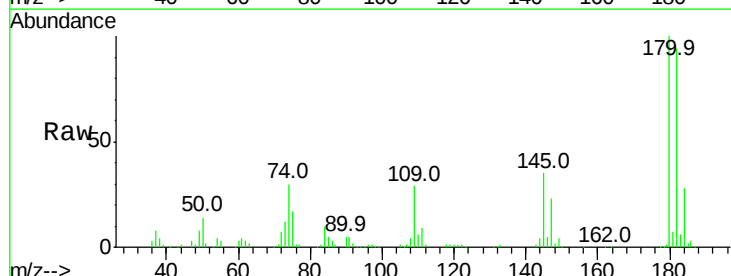
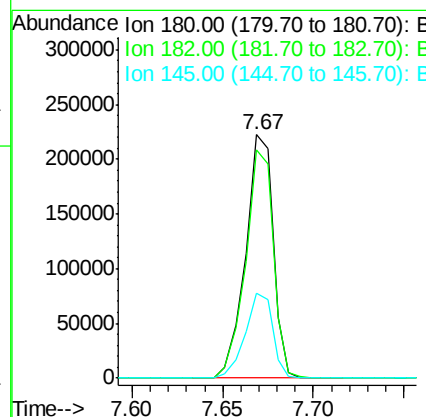
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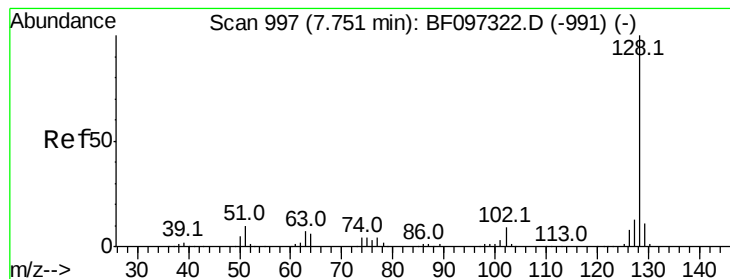
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.749 ng
 RT: 7.67 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: BF097353.D
 Acq: 4 Aug 2017 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	235182		
182	93.6	75.8	113.6	
145	35.1	25.3	37.9	





#31

Naphthalene

Concen: 42.296 ng

RT: 7.75 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BF097353.D

Acq: 4 Aug 2017 13:51

Instrument :

BNA_F

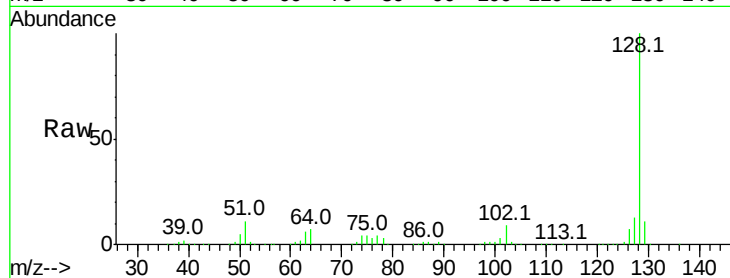
ClientSampleId :

PB101182BS

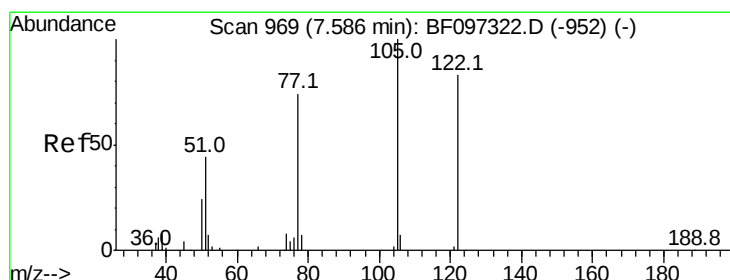
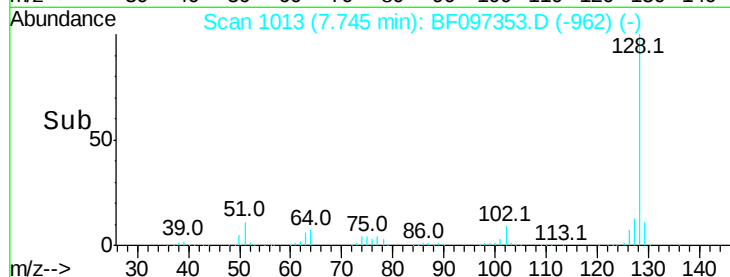
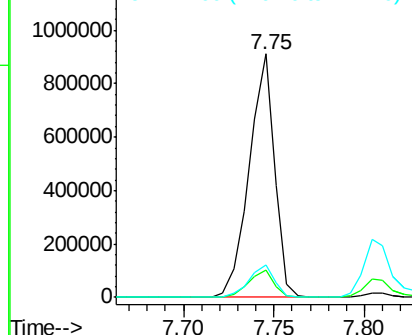
Tot Ion:	128	Resp:	884482
Ion Ratio	Lower	Upper	
128	100		
129	11.1	9.0	13.6
127	13.3	10.8	16.2

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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: 32.830 ng

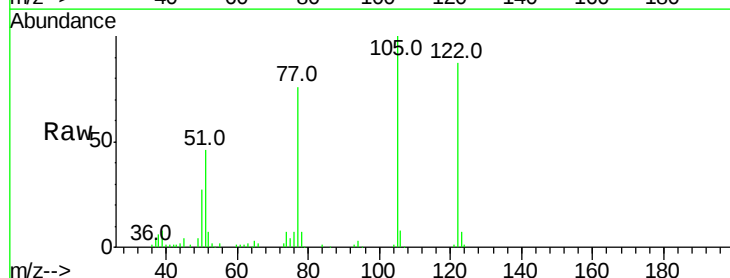
RT: 7.58 min Scan# 985

Delta R.T. -0.00 min

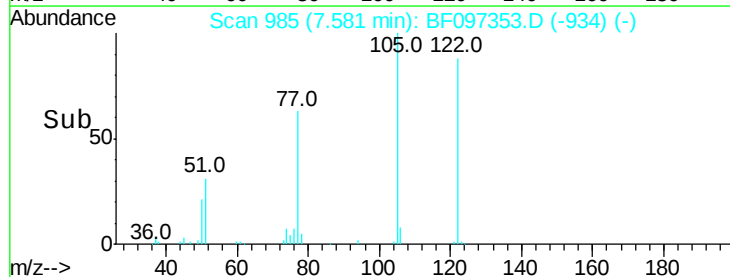
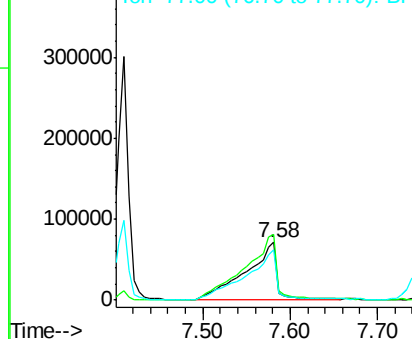
Lab File: BF097353.D

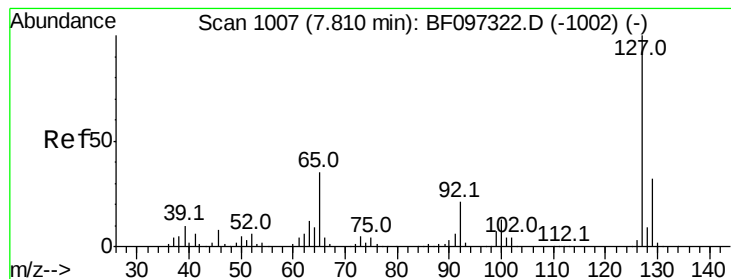
Acq: 4 Aug 2017 13:51

Tgt Ion:	122	Resp:	172304
Ion Ratio	Lower	Upper	
122	100		
105	115.3	103.3	143.3
77	87.8	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: 29.408 ng

RT: 7.80 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF097353.D

Acq: 4 Aug 2017 13:51

Instrument :

BNA_F

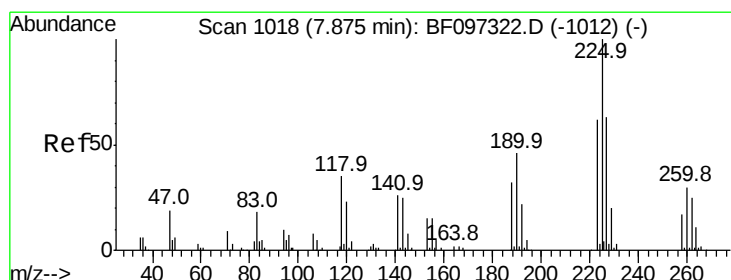
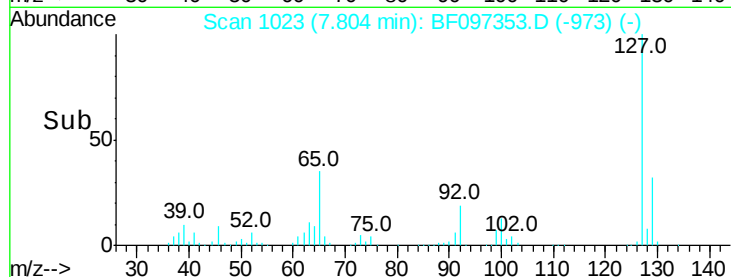
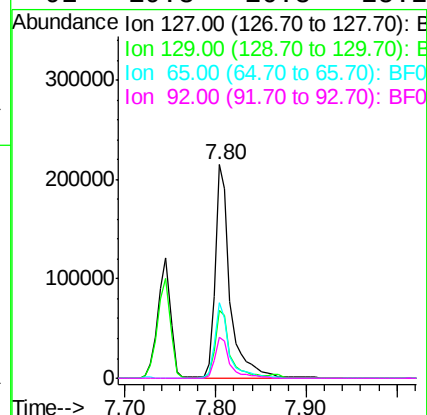
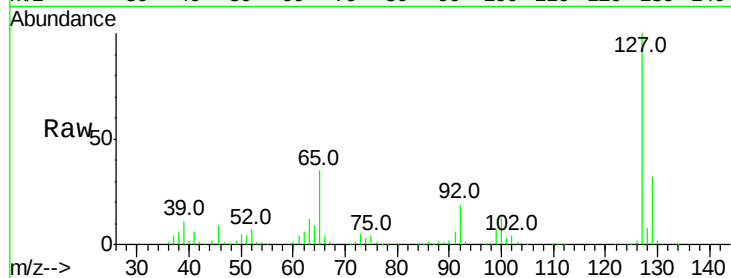
ClientSampleId :

PB101182BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		250228		
129	31.7	26.2	39.2		
65	35.2	27.8	41.8		
92	19.3	16.8	25.2		

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#34

Hexachlorobutadiene

Concen: 37.271 ng

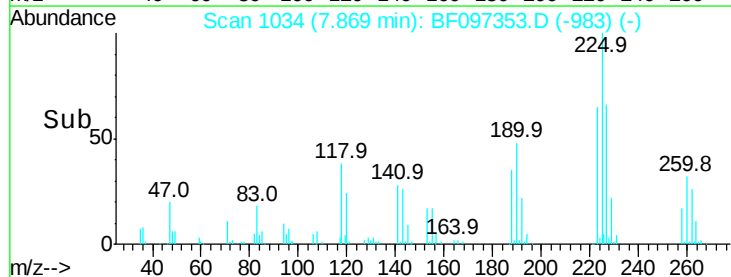
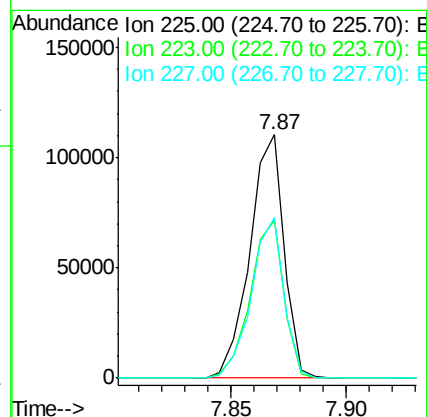
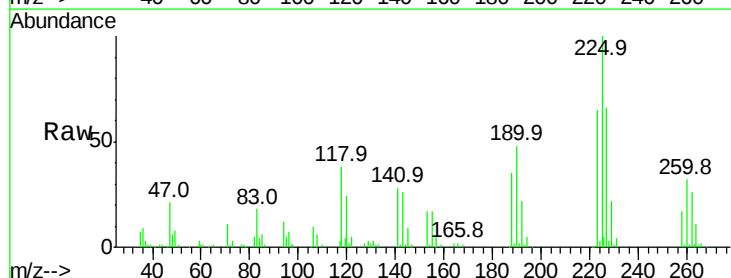
RT: 7.87 min Scan# 1034

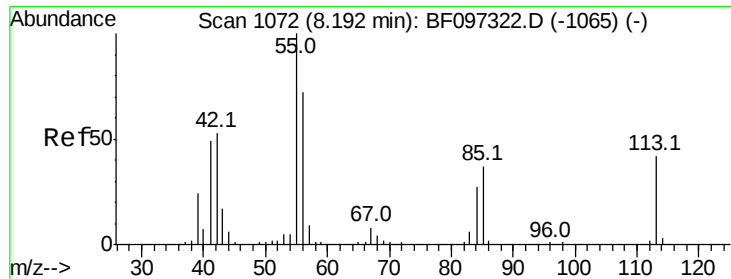
Delta R.T. -0.00 min

Lab File: BF097353.D

Acq: 4 Aug 2017 13:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		114041		
223	65.1	48.8	73.2		
227	65.7	51.1	76.7		





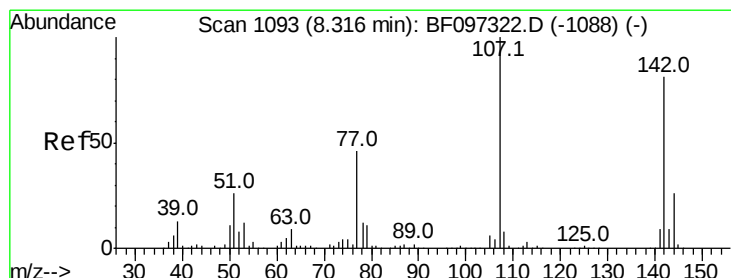
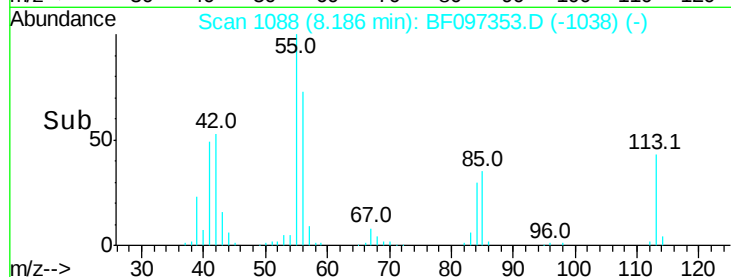
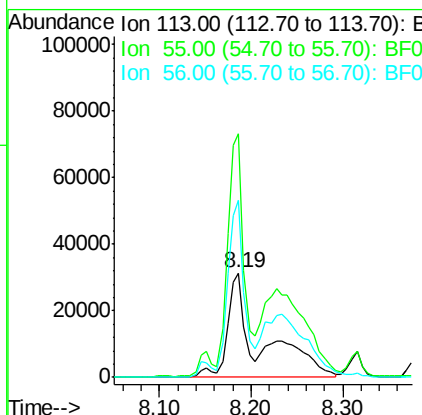
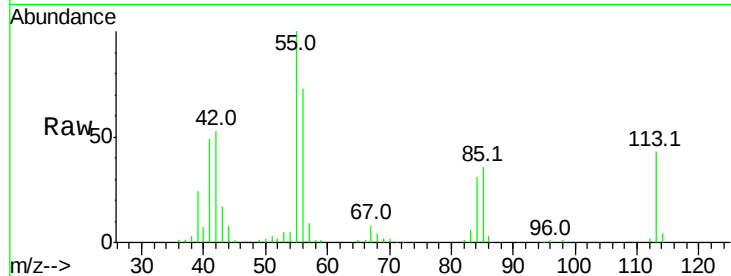
#35
 Caprolactam
 Concen: 39.933 ng/ml
 RT: 8.19 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BF097353.D
 Acq: 4 Aug 2017 13:51

Instrument :
 BNA_F
 ClientSampleID :
 PB101182BS

Tot Ion:113 Resp: 77534
 Ion Ratio Lower Upper
 113 100
 55 232.8 150.2 190.2#
 56 169.8 107.8 147.8#

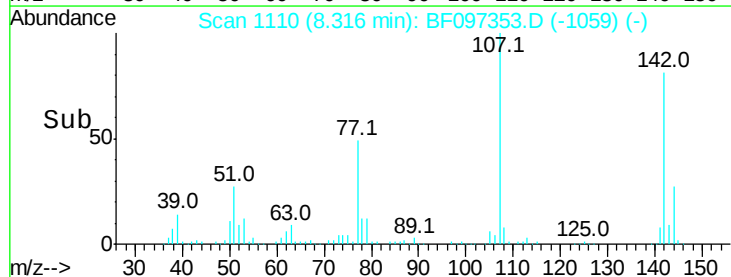
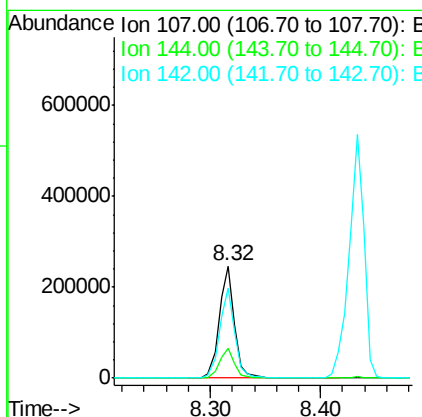
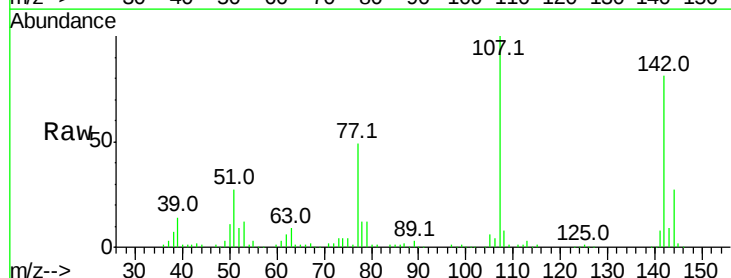
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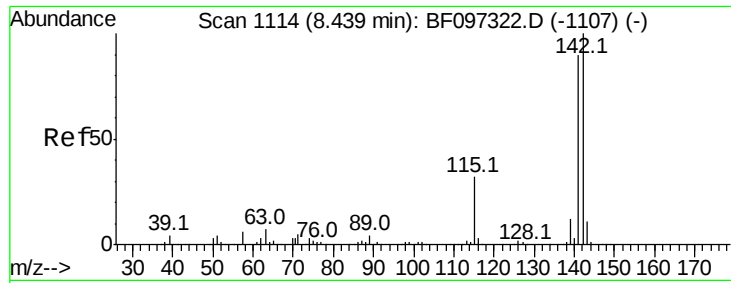
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#36
 4-Chloro-3-methylphenol
 Concen: 35.229 ng/ml
 RT: 8.32 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: BF097353.D
 Acq: 4 Aug 2017 13:51

Tgt Ion:107 Resp: 232723
 Ion Ratio Lower Upper
 107 100
 144 26.9 24.2 36.4
 142 80.7 73.4 110.0





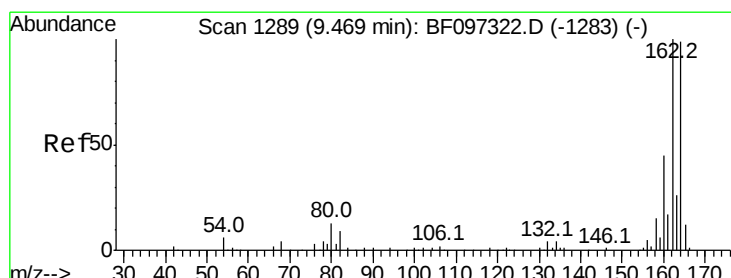
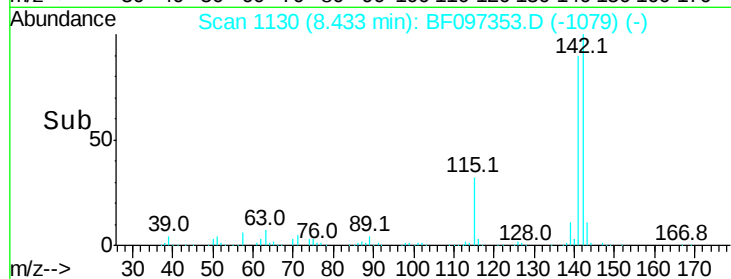
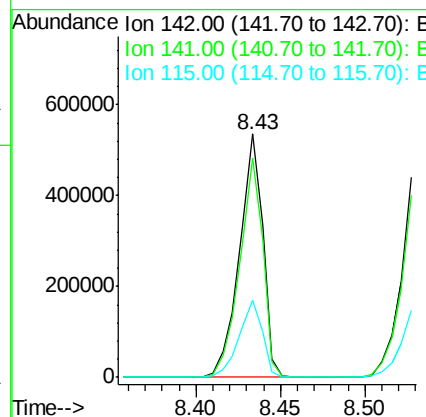
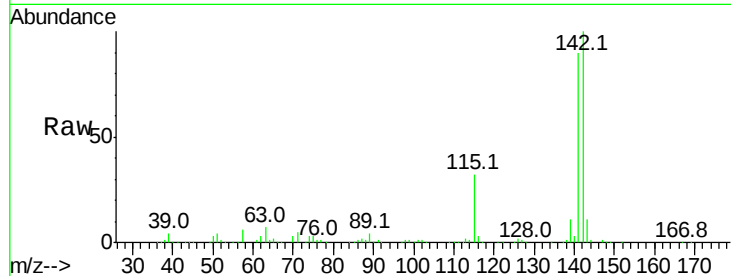
#37
 2-Methylnaphthalene
 Concen: 38.935 ng
 RT: 8.43 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF097353.D
 Acq: 4 Aug 2017 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PB101182BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	515500		
141	89.8	71.3	106.9	
115	31.7	27.1	40.7	

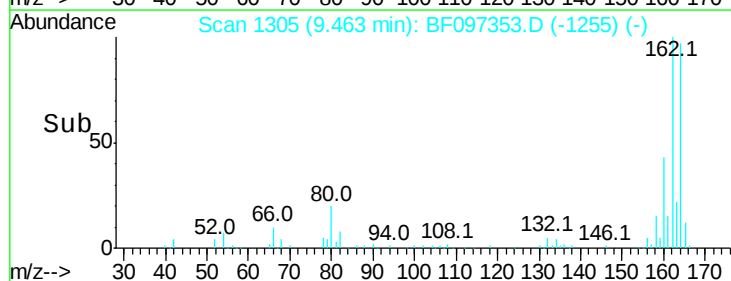
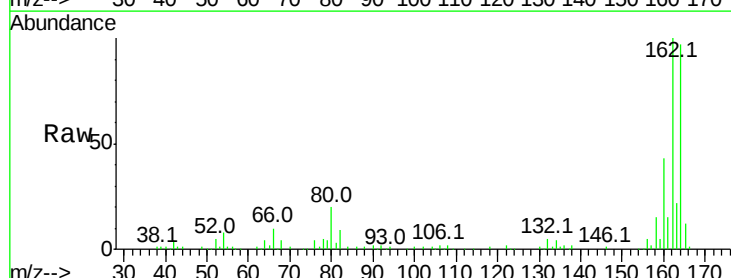
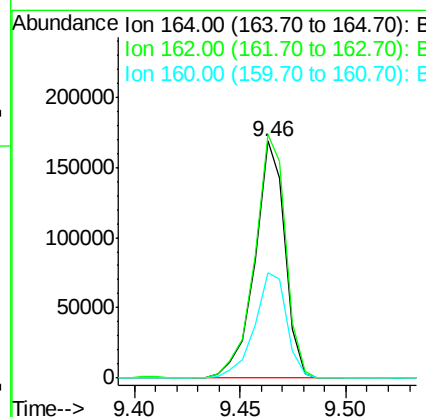
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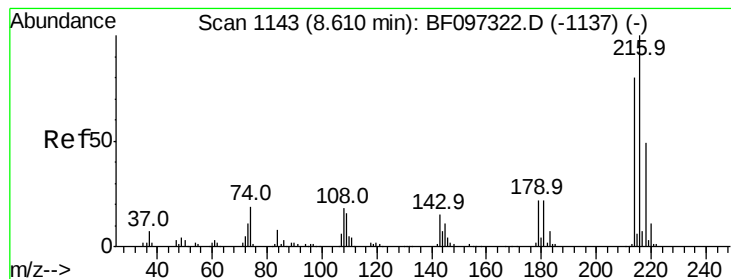
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.46 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF097353.D
 Acq: 4 Aug 2017 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	167208		
162	102.7	82.6	123.8	
160	44.5	36.2	54.2	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.447 ng

RT: 8.60 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BF097353.D

Acq: 4 Aug 2017 13:51

Instrument :

BNA_F

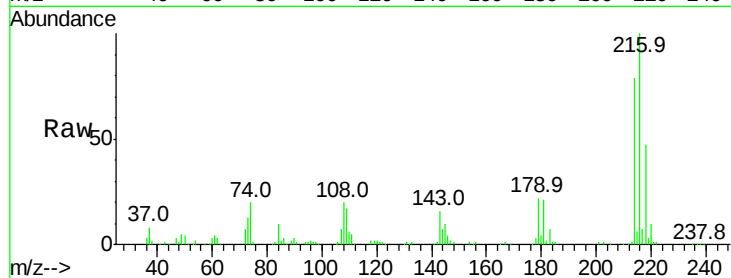
ClientSampleId :

PB101182BS

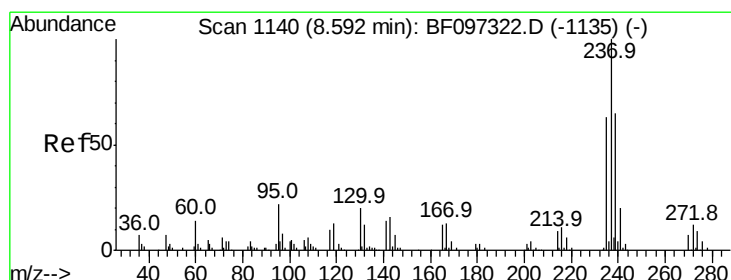
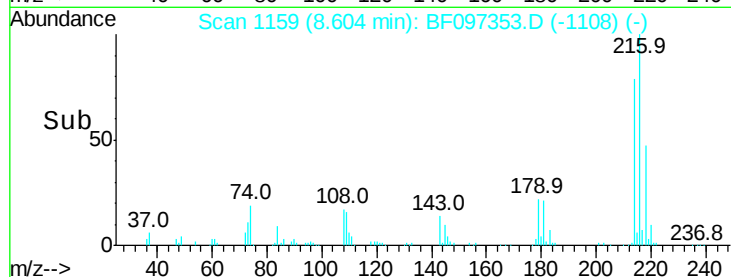
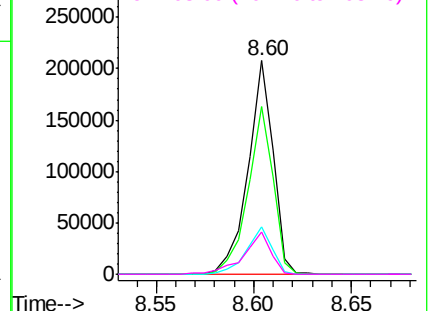
Tot Ion	Ratio	Resp	Lower	Upper
216	100	184917		
214	79.3	63.4	95.2	
179	22.7	17.9	26.9	
108	21.9	16.5	24.7	

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Abundance Ion 216.00 (215.70 to 216.70): E



#40

Hexachlorocyclopentadiene

Concen: 71.304 ng

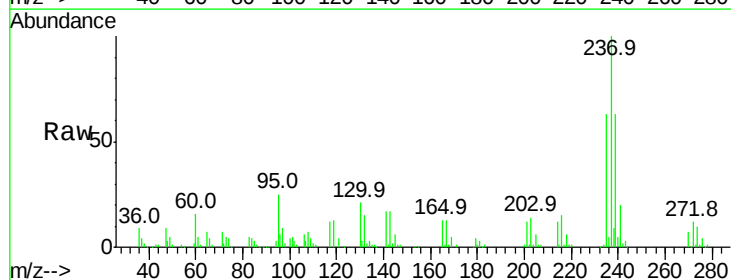
RT: 8.59 min Scan# 1156

Delta R.T. -0.01 min

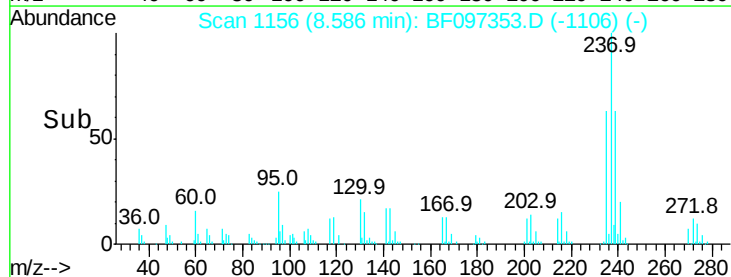
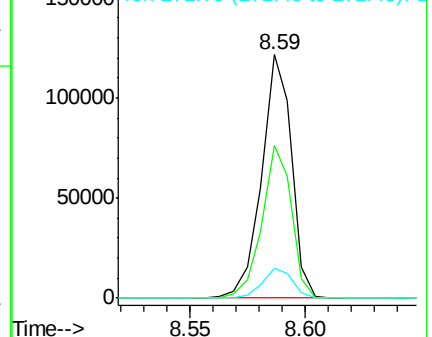
Lab File: BF097353.D

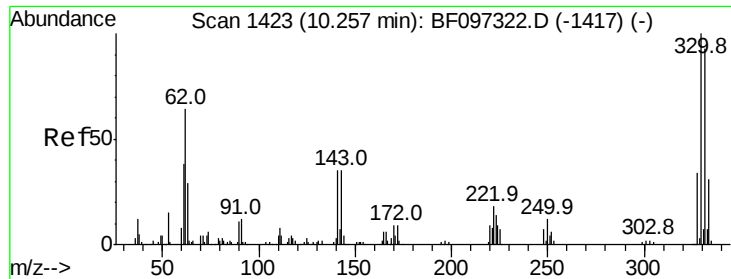
Acq: 4 Aug 2017 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	110026		
235	62.5	42.6	82.6	
272	12.1	0.0	31.9	



Abundance Ion 236.80 (236.50 to 237.50): E





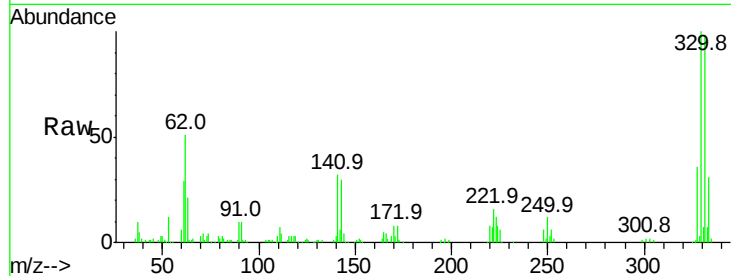
#41
 2,4,6-Tribromophenol
 Concen: 90.579 ng
 RT: 10.26 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BF097353.D
 Acq: 4 Aug 2017 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PB101182BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	119665		
332	97.8	76.6	115.0	
141	40.5	31.4	47.2	

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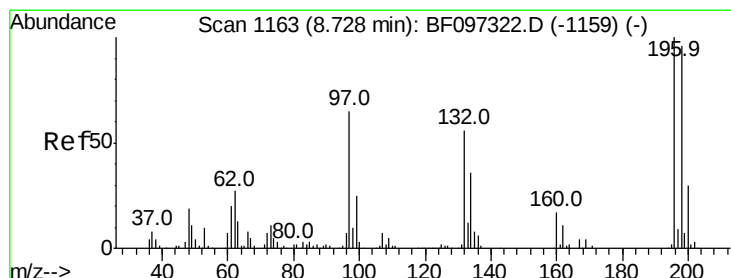
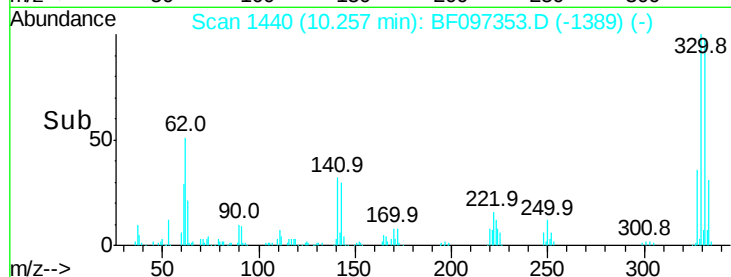
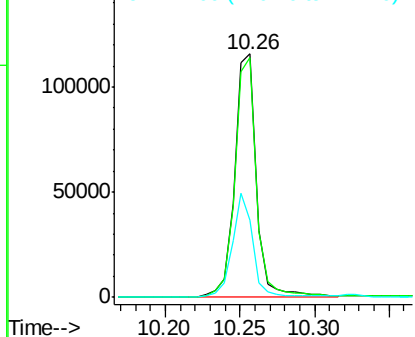


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 40.167 ng
 RT: 8.73 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF097353.D
 Acq: 4 Aug 2017 13:51

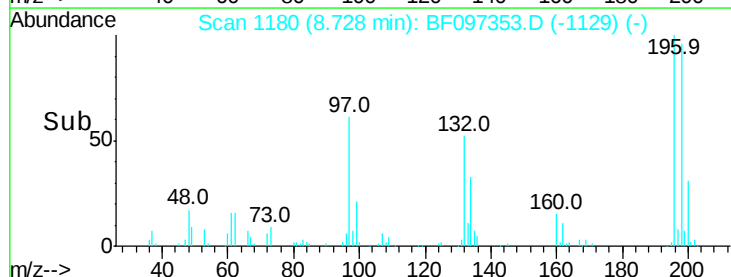
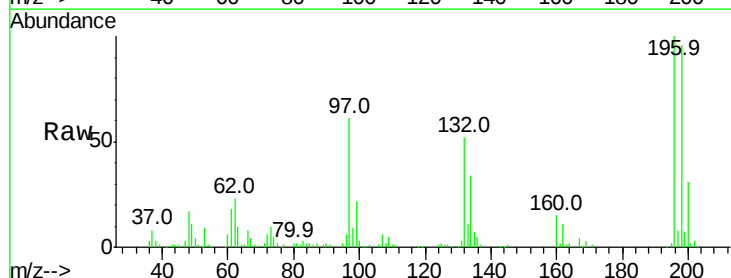
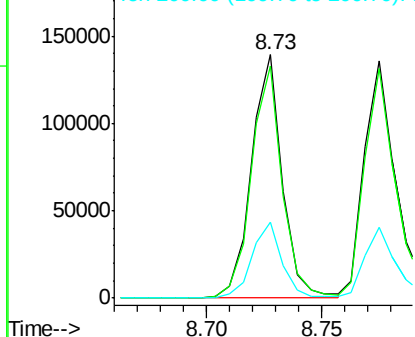
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	129866		
198	95.5	74.2	111.4	
200	31.0	24.0	36.0	

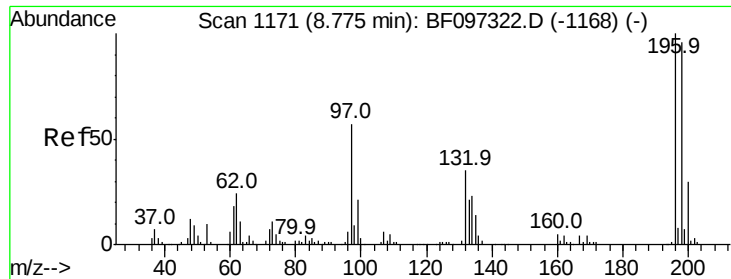
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





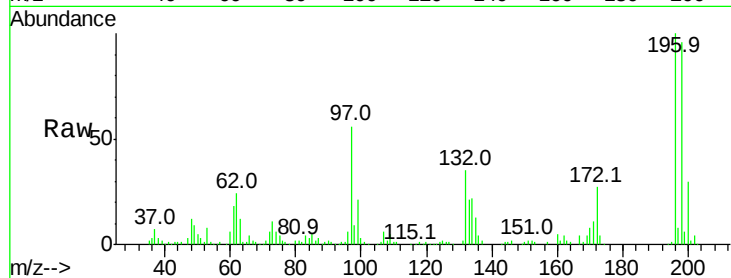
#43
 2,4,5-Trichlorophenol
 Concen: 40.987 ng
 RT: 8.77 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF097353.D
 Acq: 4 Aug 2017 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PB101182BS

Tot Ion	196	Resp	132640
Ion Ratio	Lower	Upper	
196	100		
198	96.3	75.7	113.5
97	55.9	47.7	71.5
132	34.6	28.0	42.0

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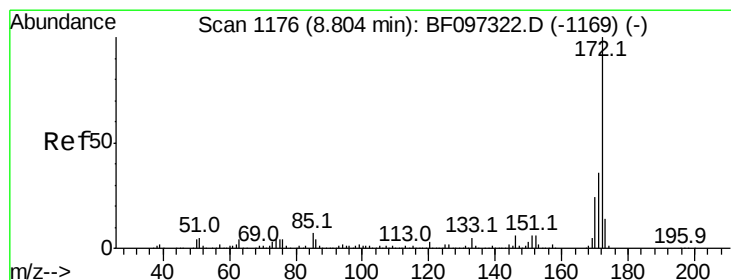
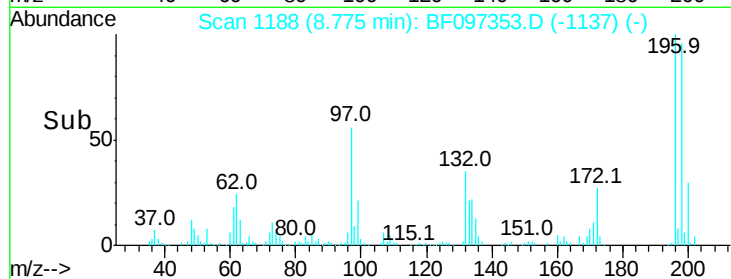
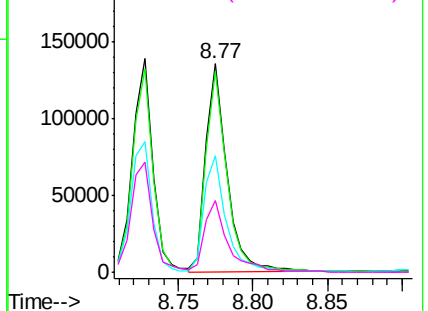
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

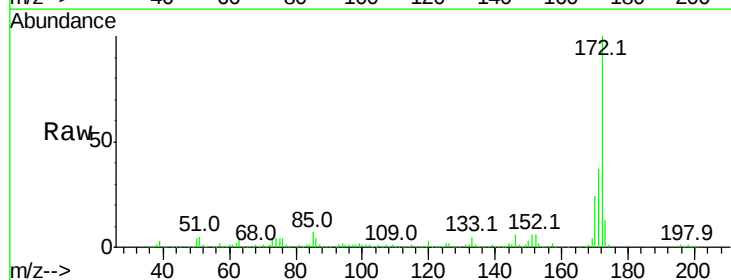
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 92.283 ng
 RT: 8.80 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF097353.D
 Acq: 4 Aug 2017 13:51

Tgt Ion	172	Resp	909228
Ion Ratio	Lower	Upper	
172	100		
171	36.6	29.6	44.4
170	24.2	19.8	29.8

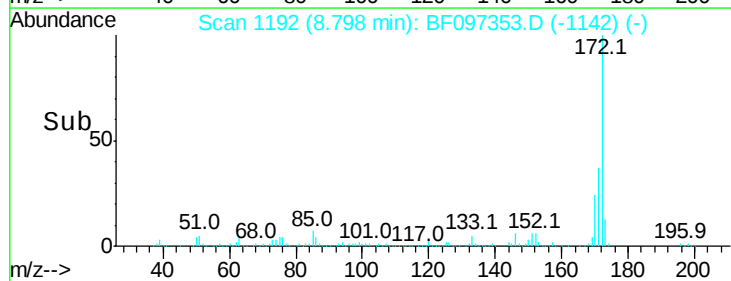
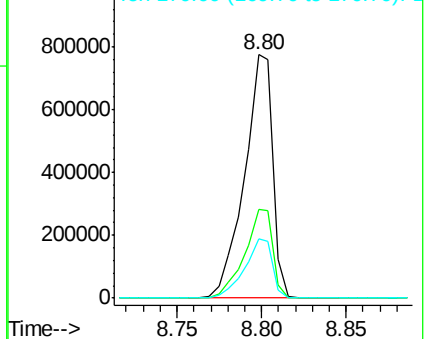


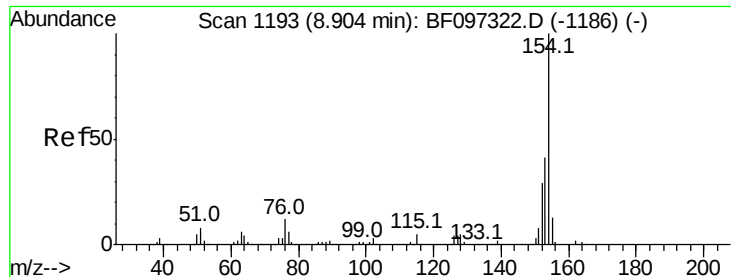
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 40.527 ng

RT: 8.90 min Scan# 1209

Delta R.T. -0.00 min

Lab File: BF097353.D

Acq: 4 Aug 2017 13:51

Instrument :

BNA_F

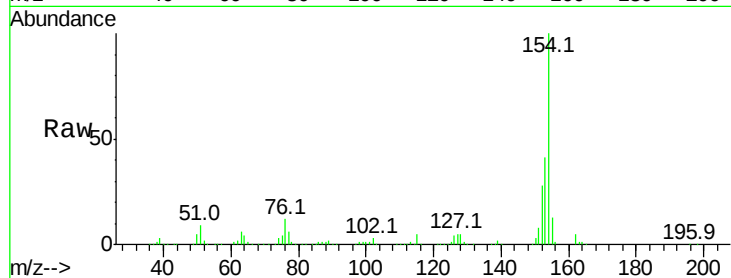
ClientSampleId :

PB101182BS

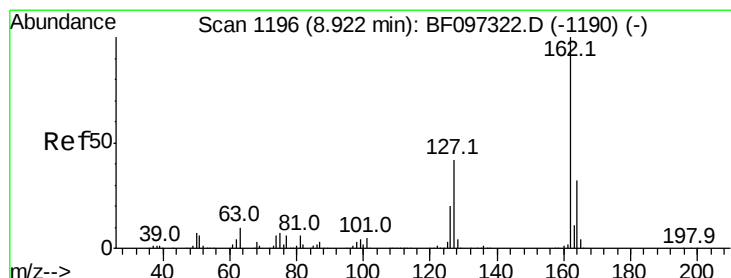
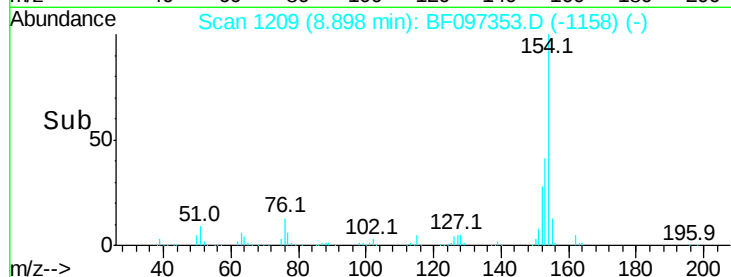
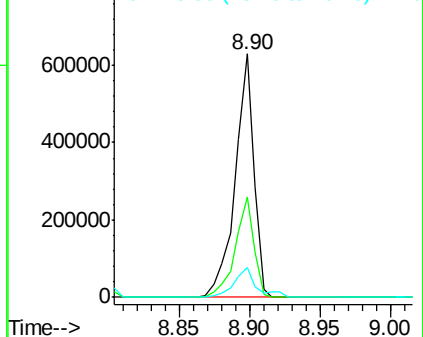
Tot Ion:	154	Resp:	578795
Ion Ratio	Lower	Upper	
154	100		
153	41.1	21.2	61.2
76	12.5	0.0	29.9

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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: 42.308 ng

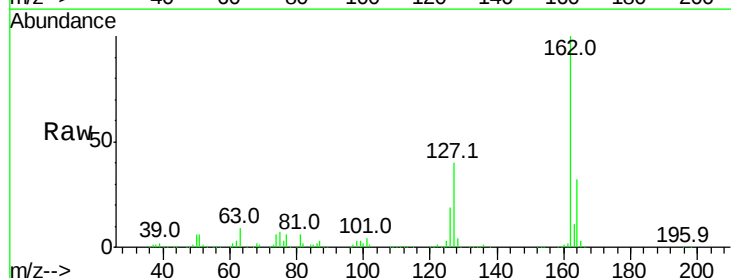
RT: 8.92 min Scan# 1213

Delta R.T. -0.00 min

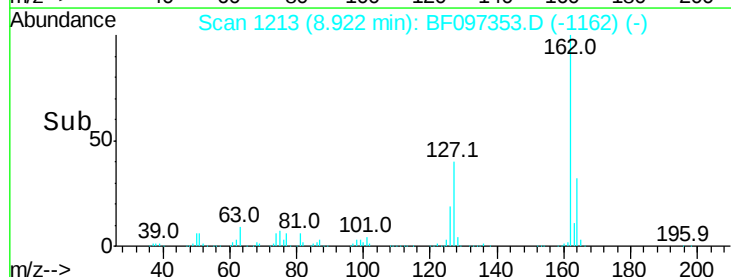
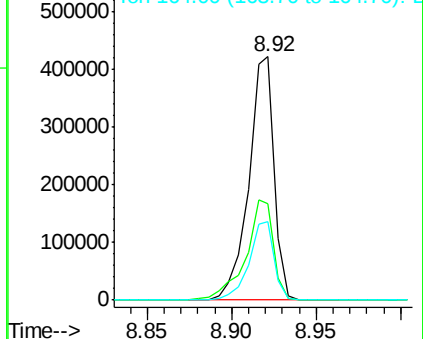
Lab File: BF097353.D

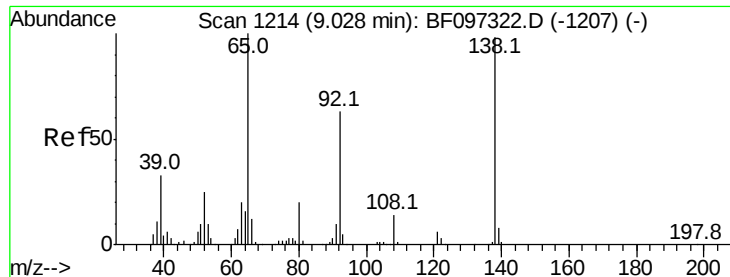
Acq: 4 Aug 2017 13:51

Tgt Ion:	162	Resp:	444654
Ion Ratio	Lower	Upper	
162	100		
127	39.8	28.3	42.5
164	32.3	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





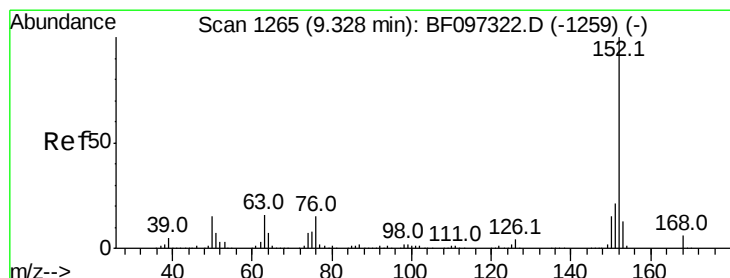
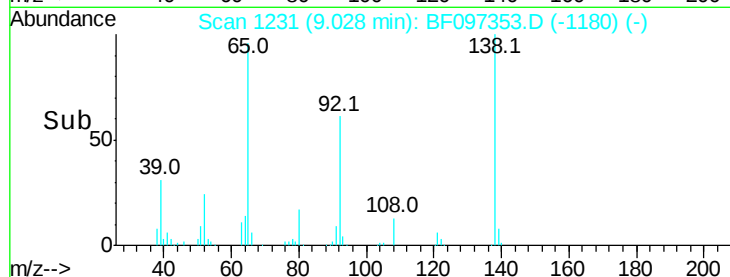
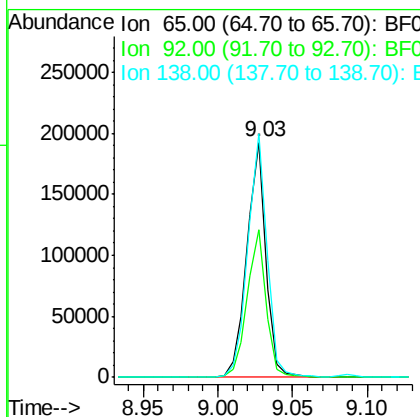
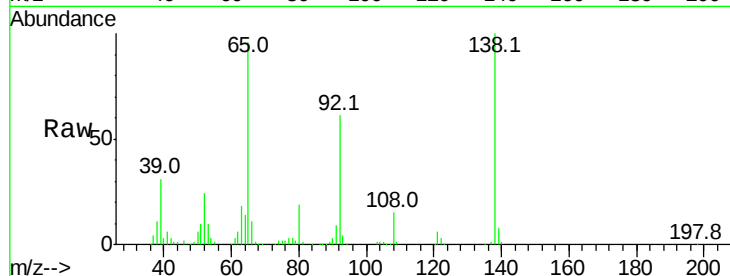
#47
2-Nitroaniline
Concen: 44.479 ng
RT: 9.03 min Scan# 1231
Delta R.T. -0.00 min
Lab File: BF097353.D
Acq: 4 Aug 2017 13:51

Instrument :
BNA_F
ClientSampleId :
PB101182BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.8	53.9	80.9
138	103.7	78.8	118.2

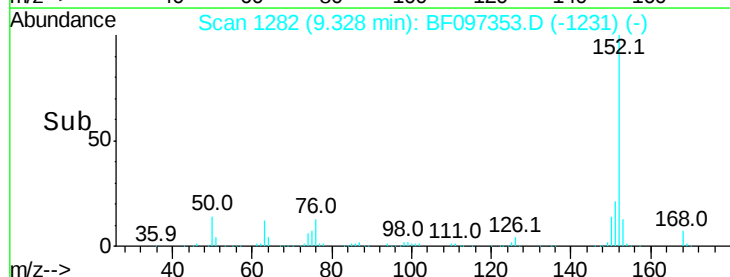
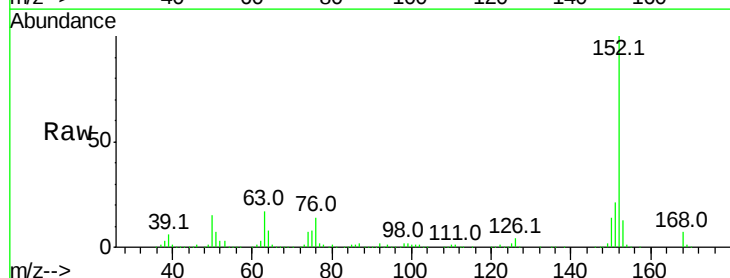
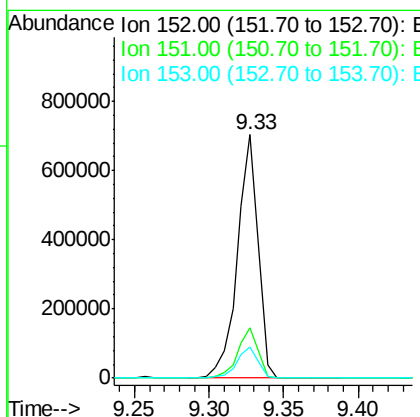
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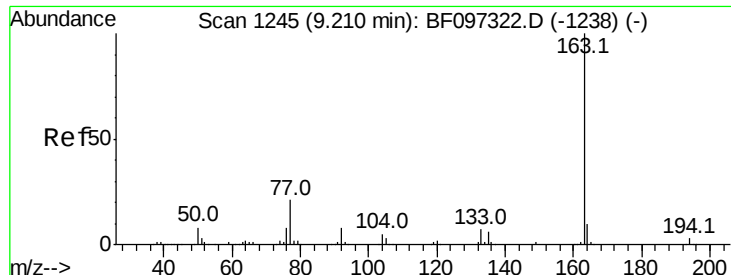
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#48
Acenaphthylene
Concen: 42.246 ng
RT: 9.33 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BF097353.D
Acq: 4 Aug 2017 13:51

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	13.0	10.8	16.2





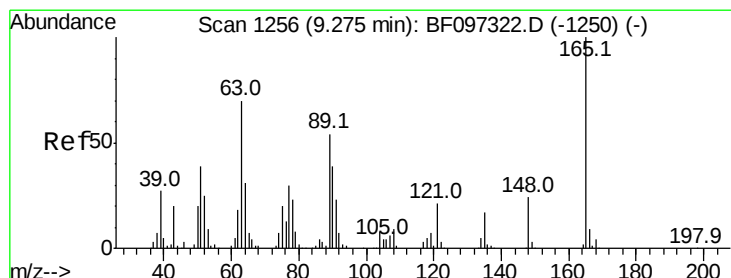
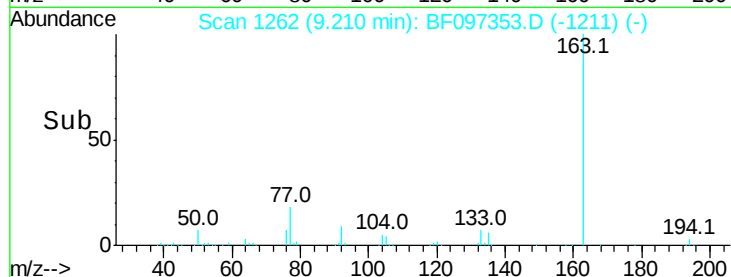
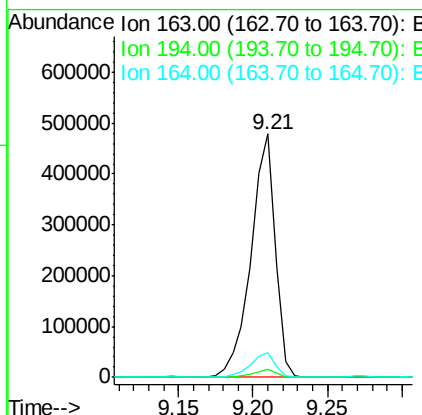
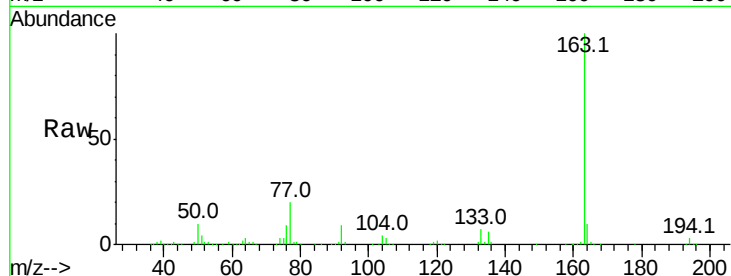
#49
Dimethylphthalate
Concen: 42.172 ng
RT: 9.21 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BF097353.D
Acq: 4 Aug 2017 13:51

Instrument :
BNA_F
ClientSampleId :
PB101182BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.2	2.6	4.0	
164	10.0	8.4	12.6	

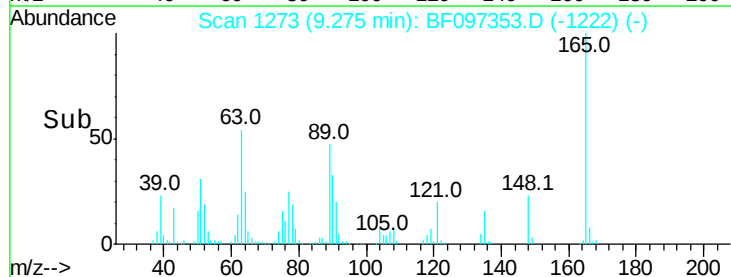
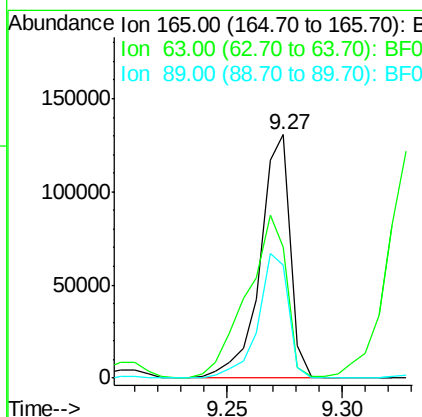
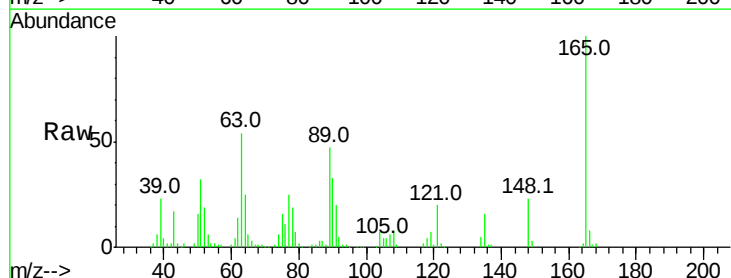
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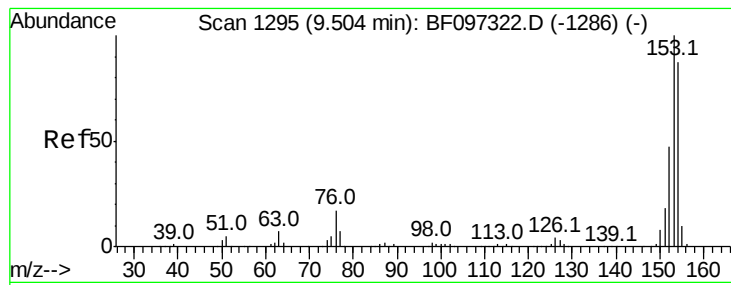
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#50
2,6-Dinitrotoluene
Concen: 44.074 ng
RT: 9.27 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BF097353.D
Acq: 4 Aug 2017 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	53.8	34.3	51.5#	
89	46.7	37.1	55.7	





#51

Acenaphthene

Concen: 43.217 ng

RT: 9.50 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF097353.D

Acq: 4 Aug 2017 13:51

Instrument :

BNA_F

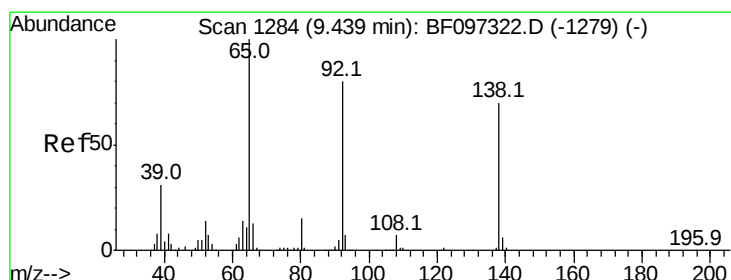
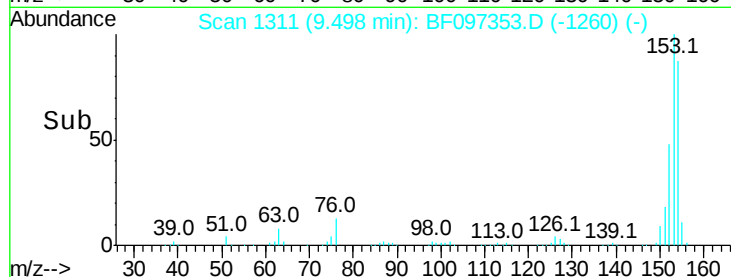
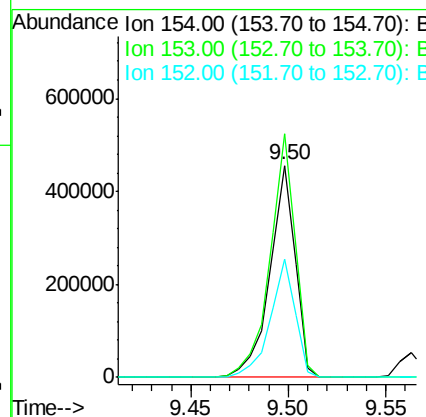
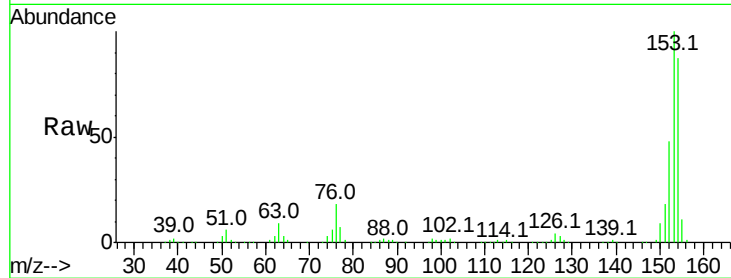
ClientSampleId :

PB101182BS

Tot Ion:	154	Resp:	410654
Ion Ratio	Lower	Upper	
154	100		
153	115.0	90.5	135.7
152	55.8	43.6	65.4

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#52

3-Nitroaniline

Concen: 32.006 ng

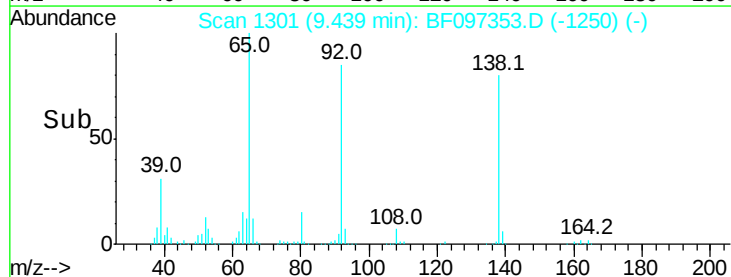
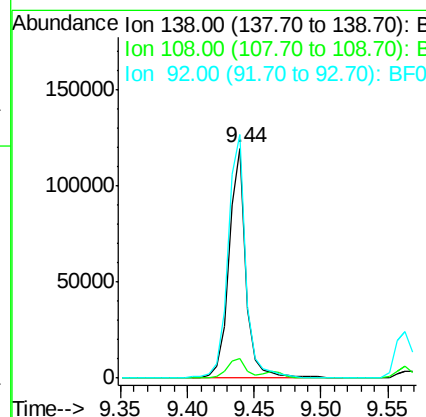
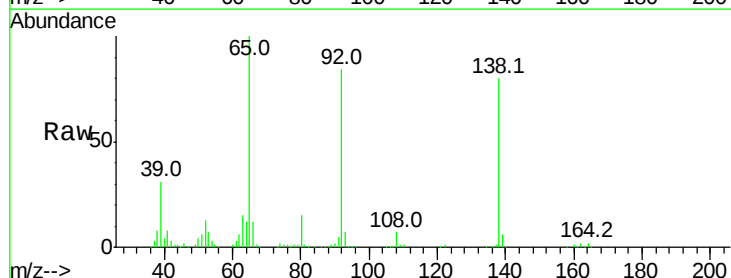
RT: 9.44 min Scan# 1301

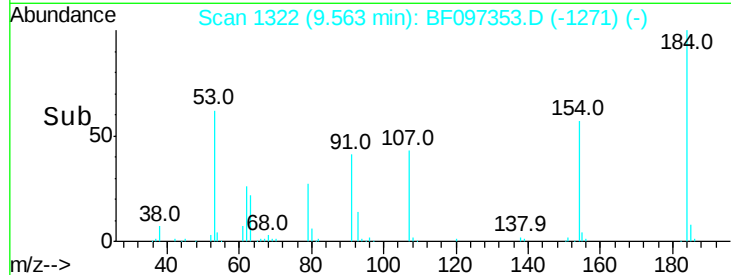
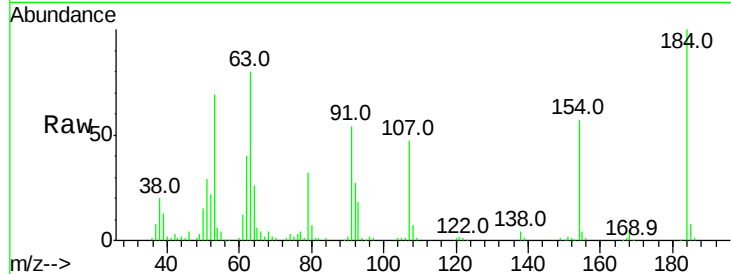
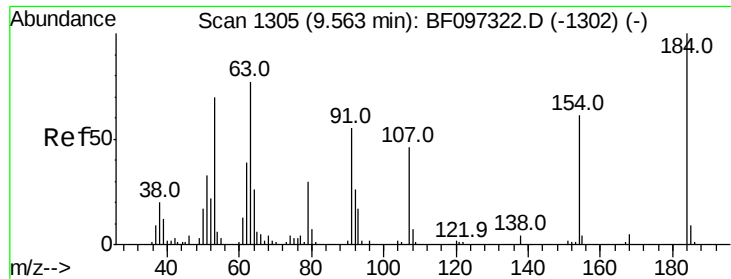
Delta R.T. -0.00 min

Lab File: BF097353.D

Acq: 4 Aug 2017 13:51

Tgt Ion:	138	Resp:	106986
Ion Ratio	Lower	Upper	
138	100		
108	8.8	9.1	13.7#
92	105.9	93.8	140.6





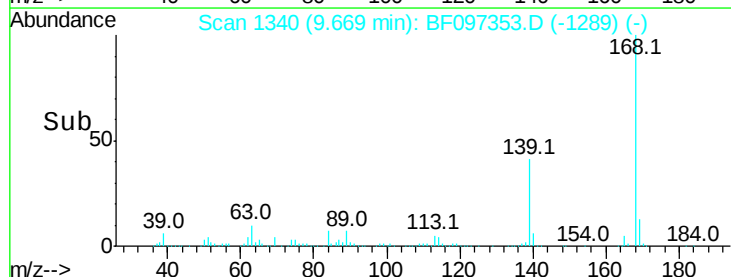
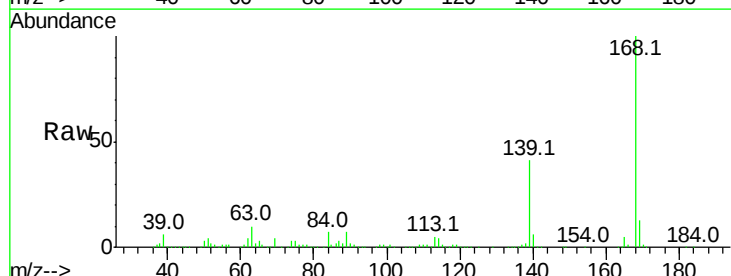
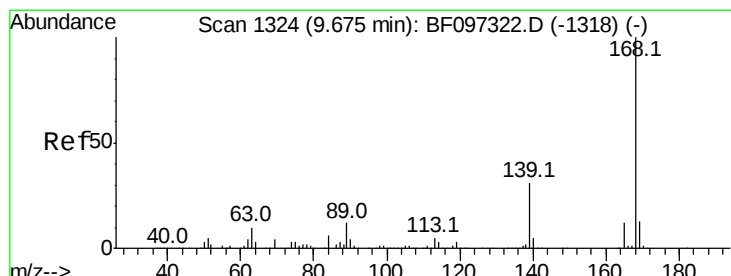
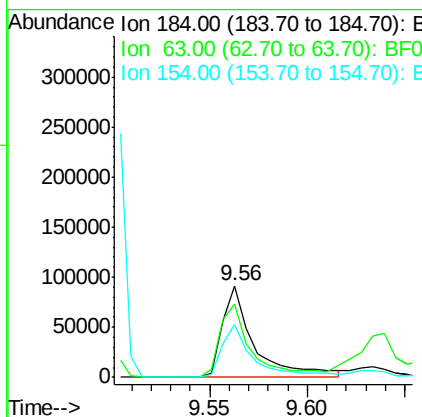
#53
2,4-Dinitrophenol
Concen: 83.902 ng
RT: 9.56 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF097353.D
Acq: 4 Aug 2017 13:51

Tot Ion:184 Resp: 102736
Ion Ratio Lower Upper
184 100
63 80.3 62.7 94.1
154 57.2 81.1 121.7#

Instrument :
BNA_F
ClientSampleId :
PB101182BS

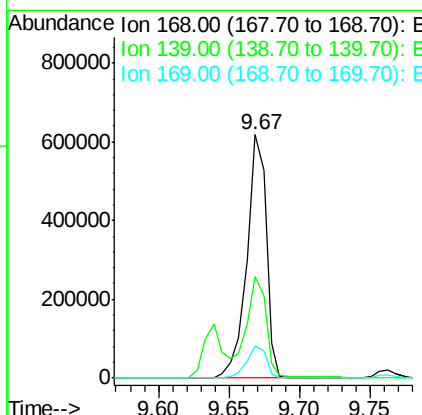
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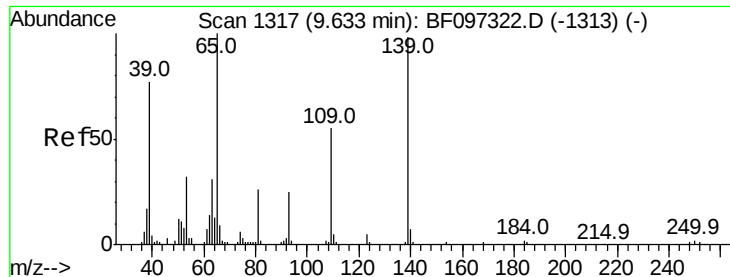
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#54
Dibenzofuran
Concen: 47.341 ng
RT: 9.67 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BF097353.D
Acq: 4 Aug 2017 13:51

Tgt Ion:168 Resp: 599187
Ion Ratio Lower Upper
168 100
139 41.4 30.6 45.8
169 13.3 10.8 16.2





#55

4-Nitrophenol

Concen: 65.871 ng

RT: 9.64 min Scan# 1335

Delta R.T. -0.00 min

Lab File: BF097353.D

Acq: 4 Aug 2017 13:51

Instrument :

BNA_F

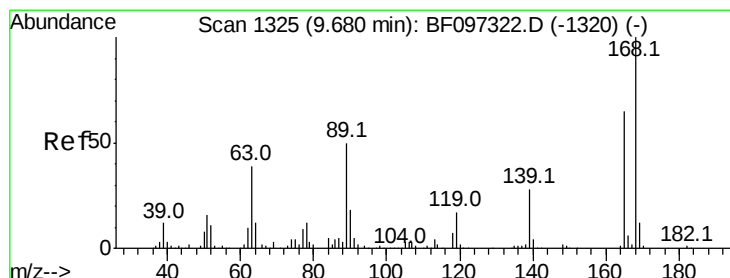
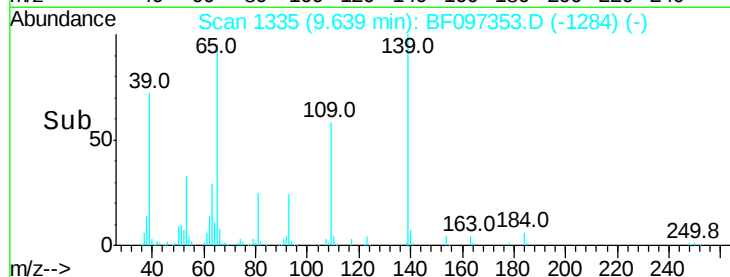
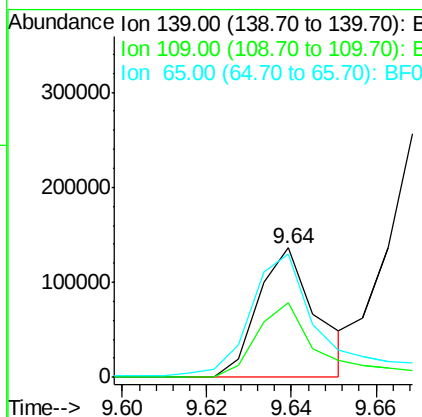
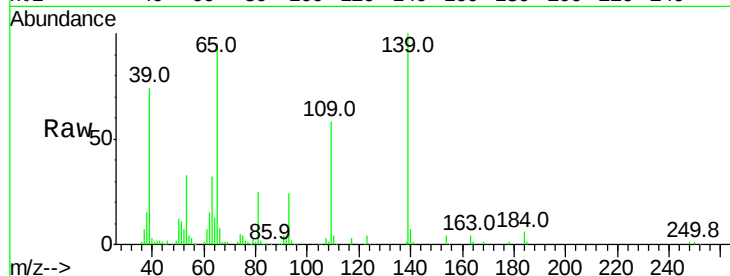
ClientSampleId :

PB101182BS

Tot Ion:	139	Resp:	130944
Ion Ratio	Lower	Upper	
139	100		
109	57.6	34.1	74.1
65	95.5	31.4	71.4#

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 49.367 ng

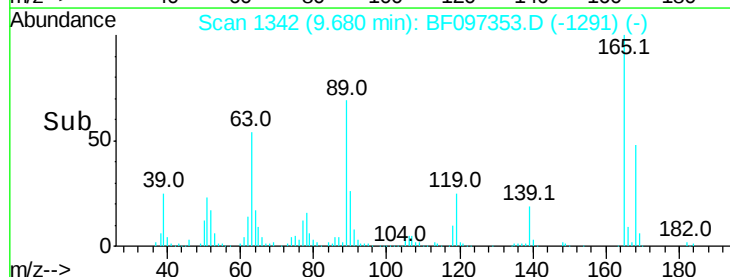
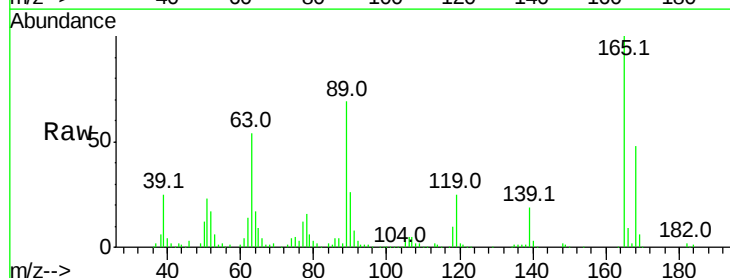
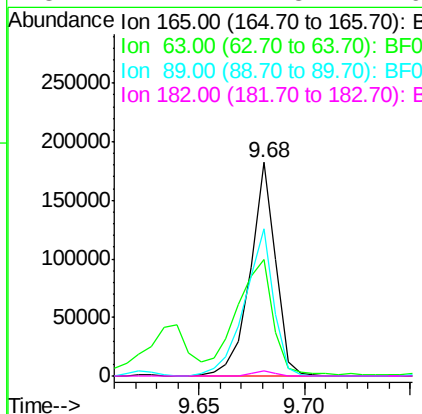
RT: 9.68 min Scan# 1342

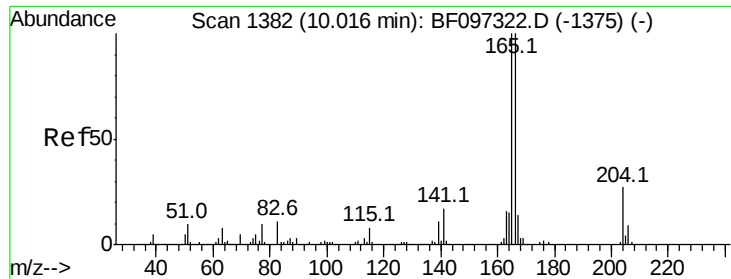
Delta R.T. -0.00 min

Lab File: BF097353.D

Acq: 4 Aug 2017 13:51

Tgt Ion:	165	Resp:	152836
Ion Ratio	Lower	Upper	
165	100		
63	54.5	25.4	38.0#
89	69.1	46.4	69.6
182	2.4	1.8	2.6





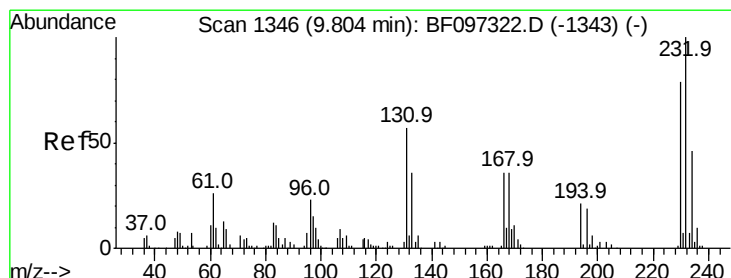
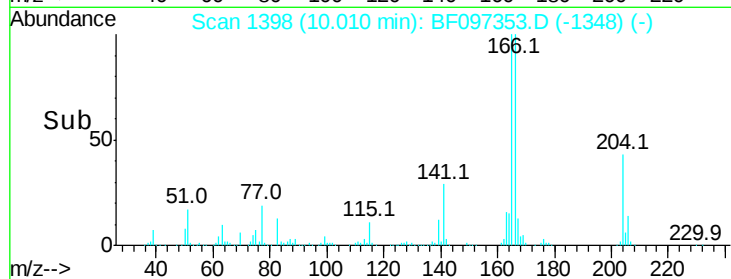
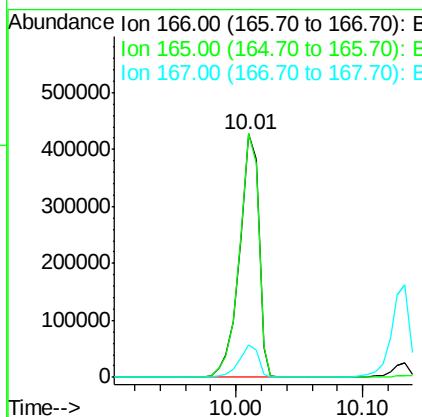
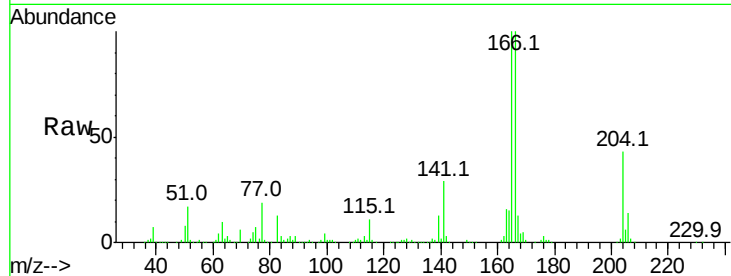
#57
Fluorene
 Concen: 47.082 ng
 RT: 10.01 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF097353.D
 Acq: 4 Aug 2017 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PB101182BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.2	78.8	118.2	
167	13.4	10.6	16.0	

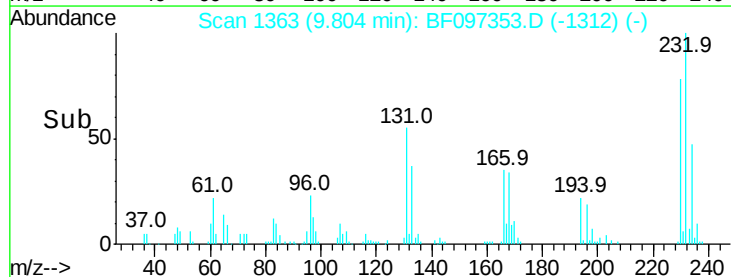
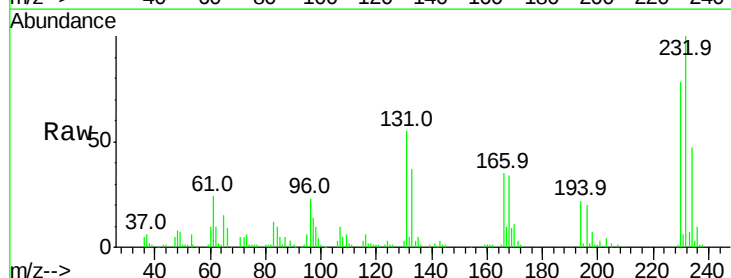
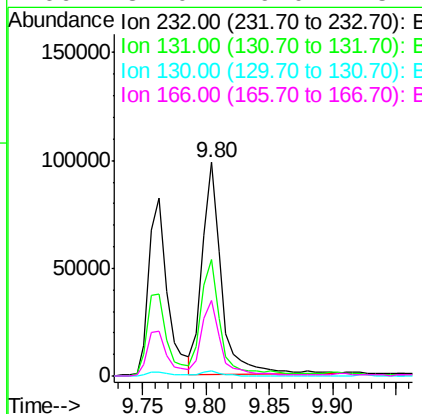
Manual Integrations
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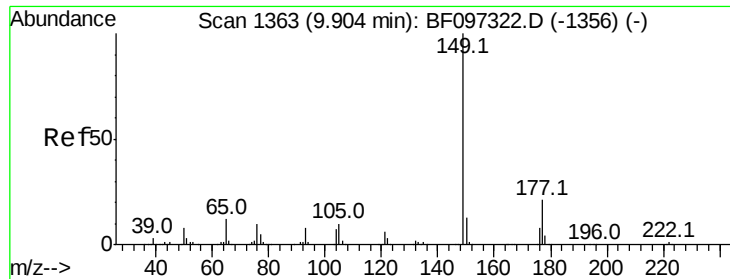
Sohil
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 46.167 ng
 RT: 9.80 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: BF097353.D
 Acq: 4 Aug 2017 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	53.6	44.8	67.2	
130	2.4	2.3	3.5	
166	34.0	29.0	43.4	





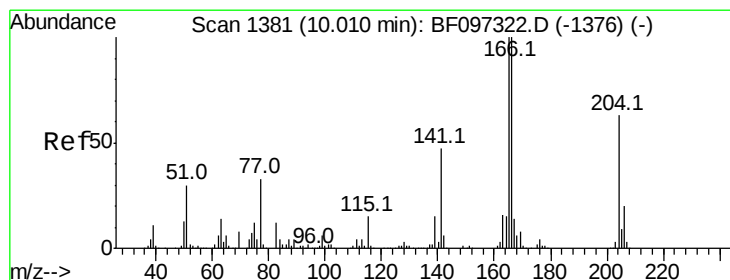
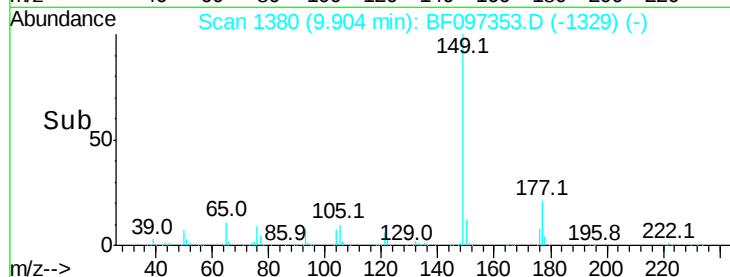
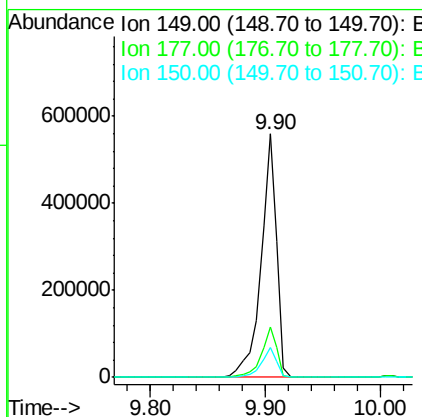
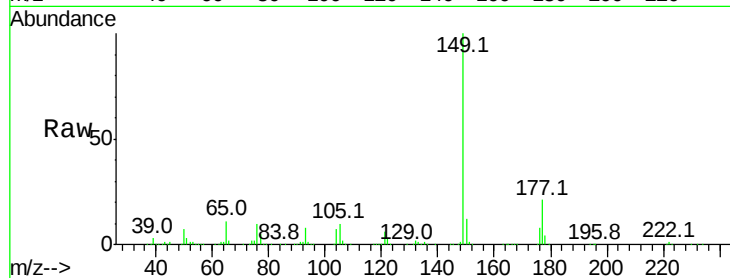
#59
Diethylphthalate
Concen: 45.307 ng
RT: 9.90 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BF097353.D
Acq: 4 Aug 2017 13:51

Instrument :
BNA_F
ClientSampleId :
PB101182BS

Tot Ion:	149	Resp:	527781
Ion Ratio	Lower	Upper	
149	100		
177	20.7	16.7	25.1
150	12.4	10.2	15.2

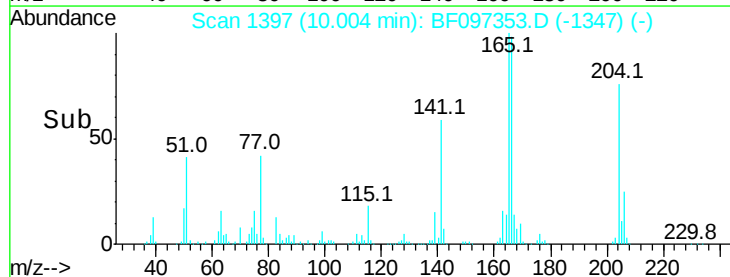
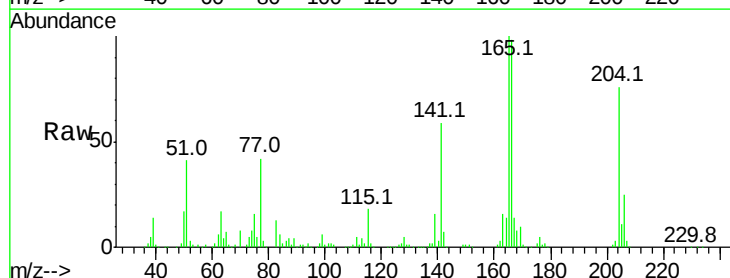
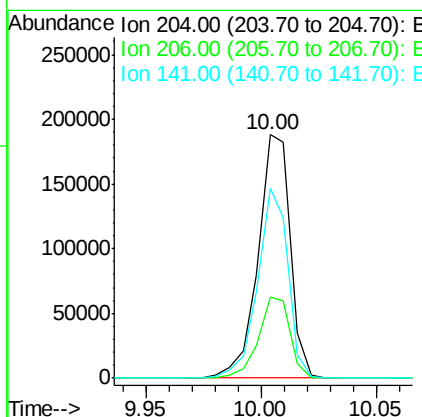
Manual Integrations
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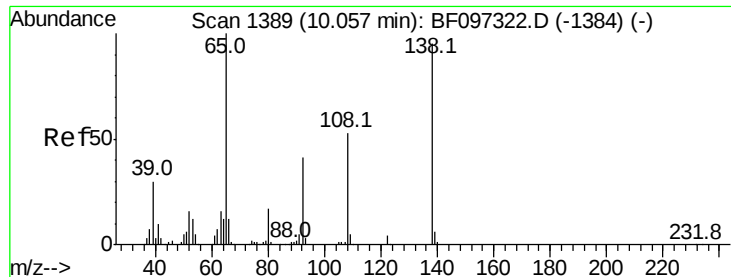
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#60
4-Chlorophenyl-phenylether
Concen: 46.614 ng
RT: 10.00 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF097353.D
Acq: 4 Aug 2017 13:51

Tgt Ion:	204	Resp:	183108
Ion Ratio	Lower	Upper	
204	100		
206	33.1	26.2	39.2
141	78.2	60.8	91.2





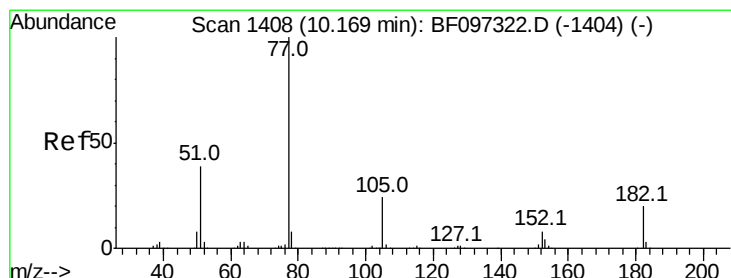
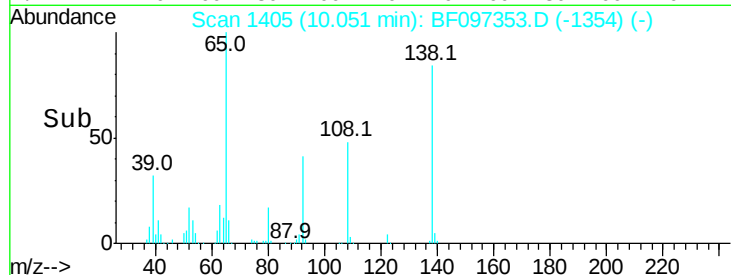
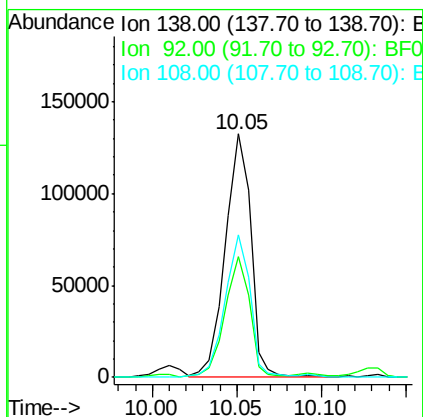
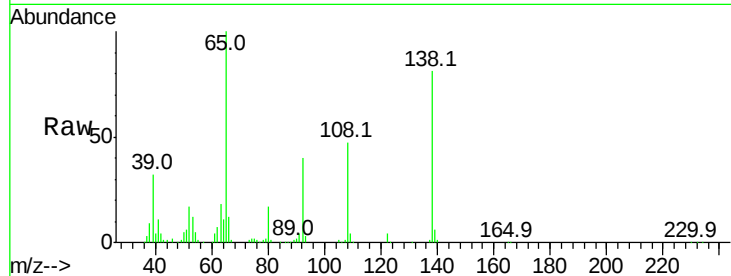
#61
4-Nitroaniline
Concen: 43.741 ng
RT: 10.05 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BF097353.D
Acq: 4 Aug 2017 13:51

Instrument :
BNA_F
ClientSampleId :
PB101182BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	49.6	21.8	61.8	
108	58.5	42.3	82.3	

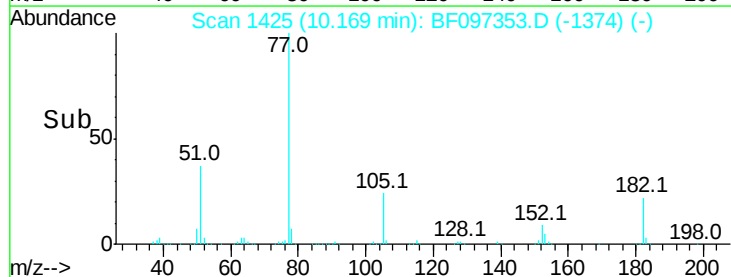
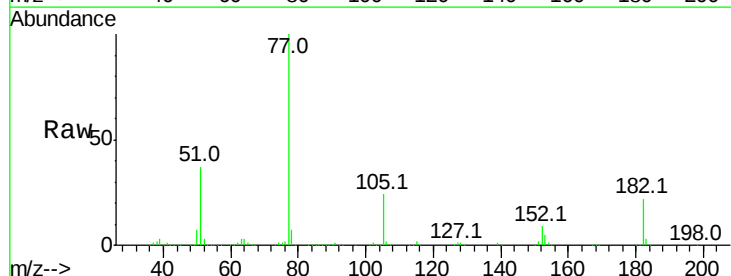
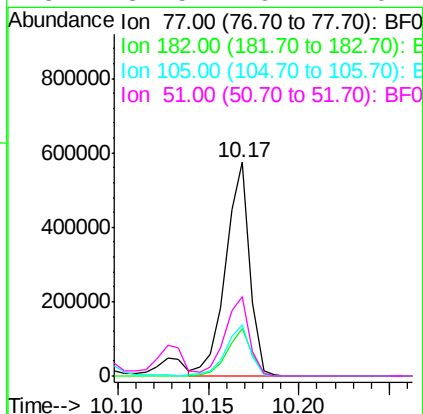
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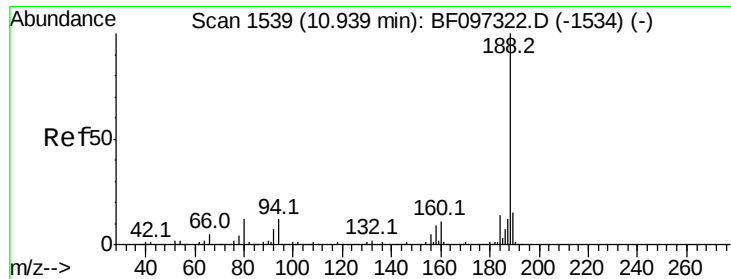
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#62
Azobenzene
Concen: 49.099 ng
RT: 10.17 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BF097353.D
Acq: 4 Aug 2017 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	22.2	0.1	40.1	
105	24.0	3.6	43.6	
51	37.5	9.4	49.4	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 10.94 min Scan# 1556

Delta R.T. -0.00 min

Lab File: BF097353.D

Acq: 4 Aug 2017 13:51

Instrument :

BNA_F

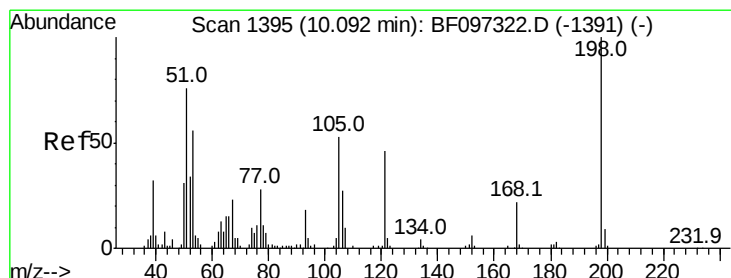
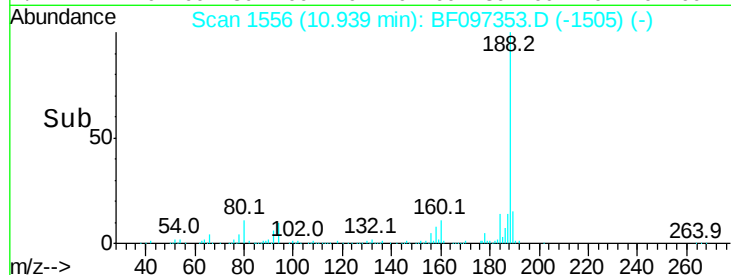
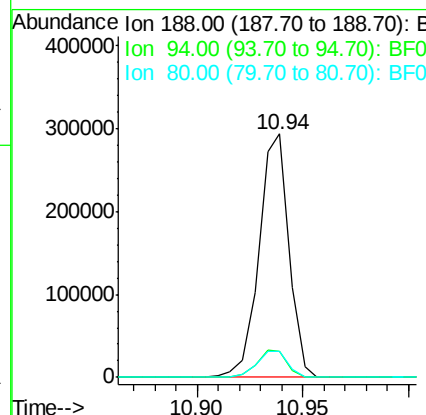
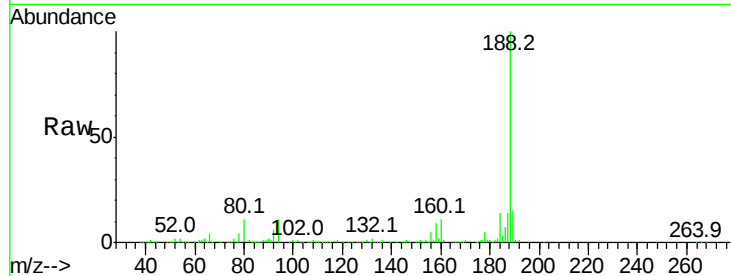
ClientSampleId :

PB101182BS

Tot Ion:188	Resp:	288999
Ion Ratio	Lower	Upper
188 100		
94 10.6	9.4	14.2
80 10.7	10.2	15.2

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#64

4,6-Dinitro-2-methylphenol

Concen: 43.524 ng

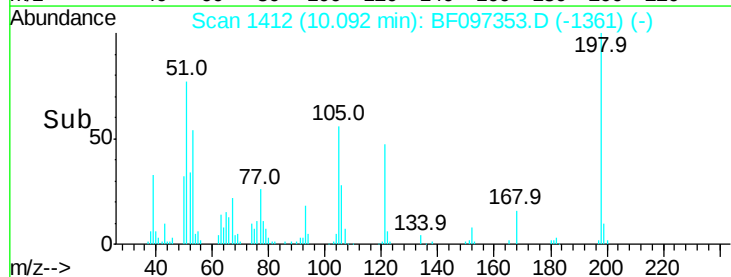
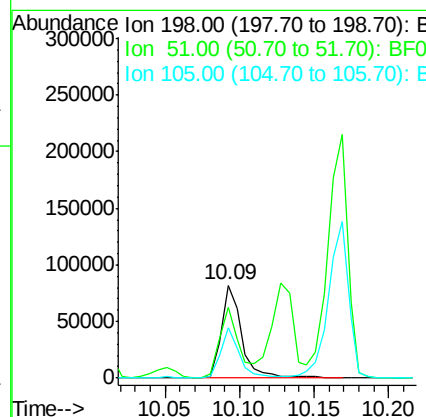
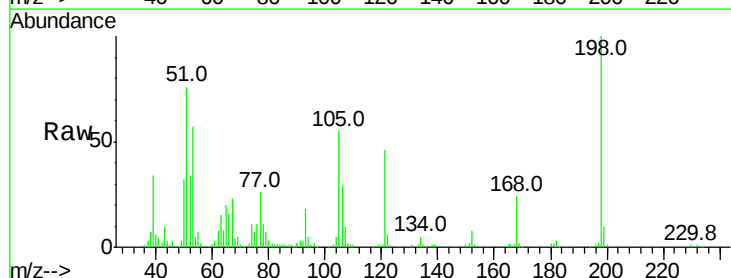
RT: 10.09 min Scan# 1412

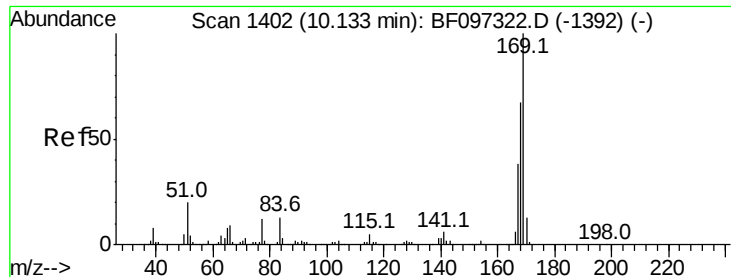
Delta R.T. -0.00 min

Lab File: BF097353.D

Acq: 4 Aug 2017 13:51

Tgt Ion:198	Resp:	78161
Ion Ratio	Lower	Upper
198 100		
51 76.2	53.2	93.2
105 54.9	45.8	85.8





#65

n-Nitrosodiphenylamine

Concen: 42.428 ng

RT: 10.13 min Scan# 1419

Delta R.T. -0.00 min

Lab File: BF097353.D

Acq: 4 Aug 2017 13:51

Instrument :

BNA_F

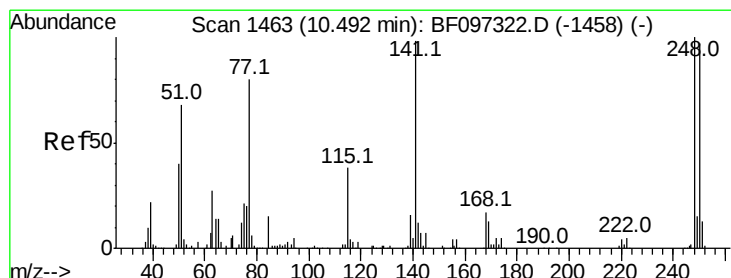
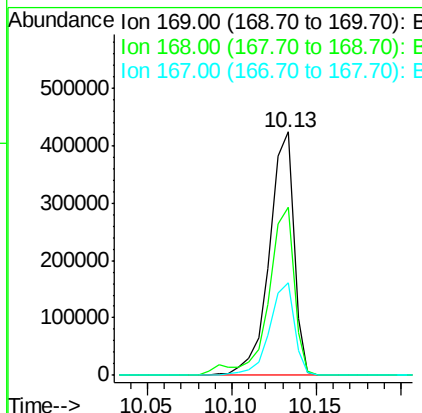
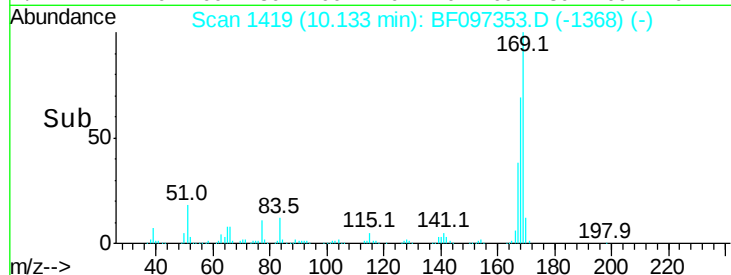
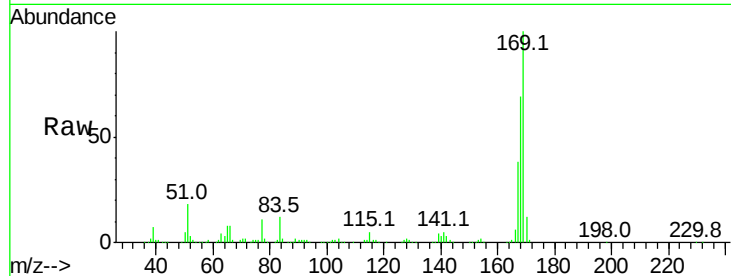
ClientSampleId :

PB101182BS

Tot Ion:	169	Resp:	426635
Ion Ratio	Lower	Upper	
169	100		
168	69.1	53.2	79.8
167	38.2	29.5	44.3

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#66

4-Bromophenyl-phenylether

Concen: 42.529 ng

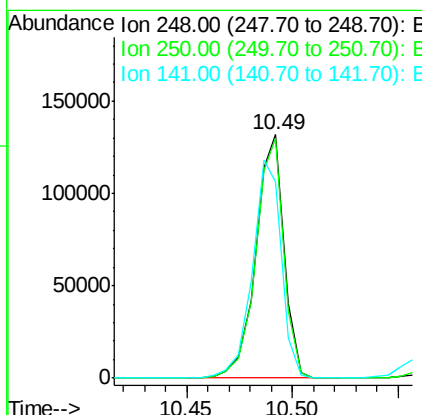
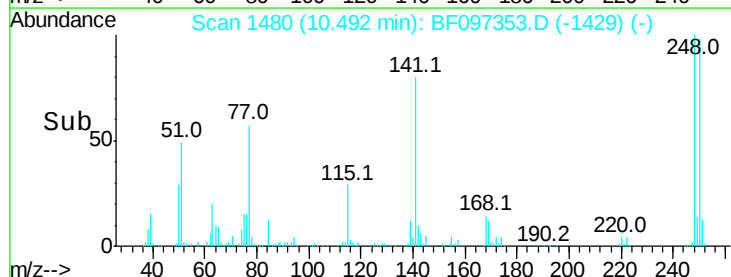
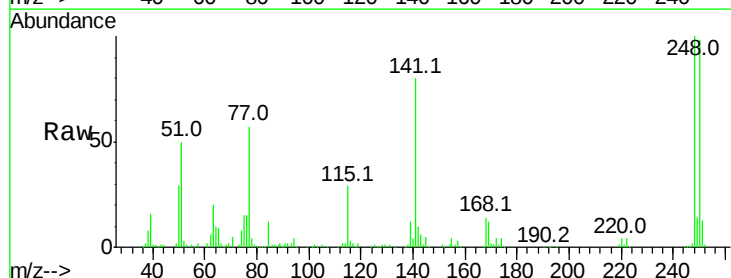
RT: 10.49 min Scan# 1480

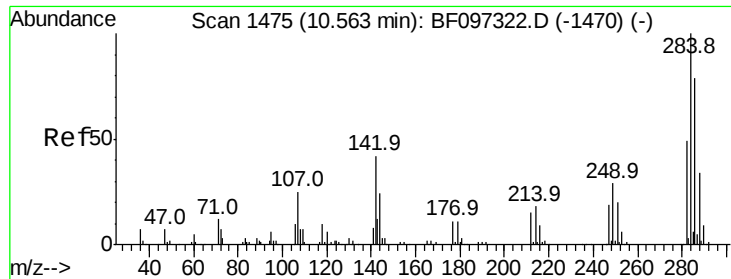
Delta R.T. -0.00 min

Lab File: BF097353.D

Acq: 4 Aug 2017 13:51

Tgt Ion:	248	Resp:	122659
Ion Ratio	Lower	Upper	
248	100		
250	98.4	76.8	115.2
141	80.4	68.6	103.0





#67

Hexachlorobenzene

Concen: 40.741 ng

RT: 10.56 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BF097353.D

Acq: 4 Aug 2017 13:51

Instrument :

BNA_F

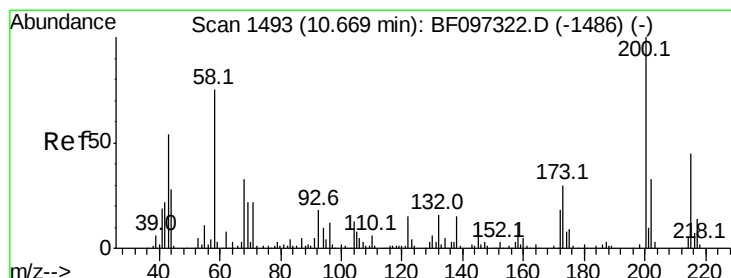
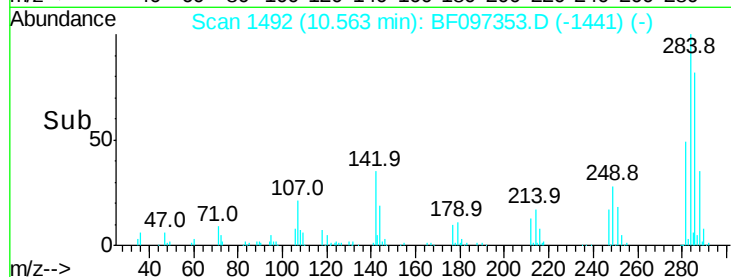
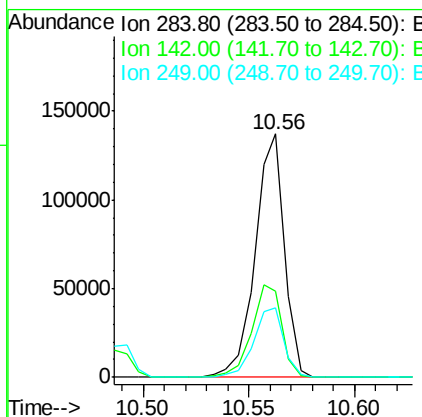
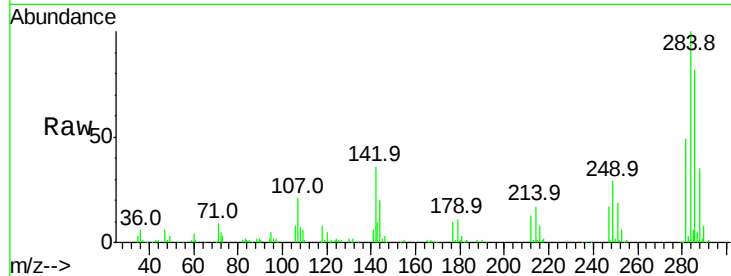
ClientSampleId :

PB101182BS

Tot Ion:	284	Resp:	131765
Ion Ratio	Lower	Upper	
284	100		
142	35.5	22.8	34.2#
249	28.6	24.0	36.0

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#68

Atrazine

Concen: 45.387 ng

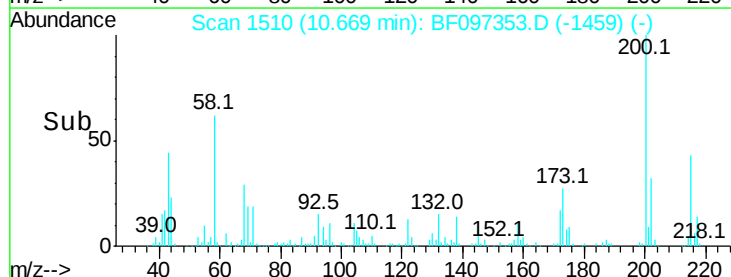
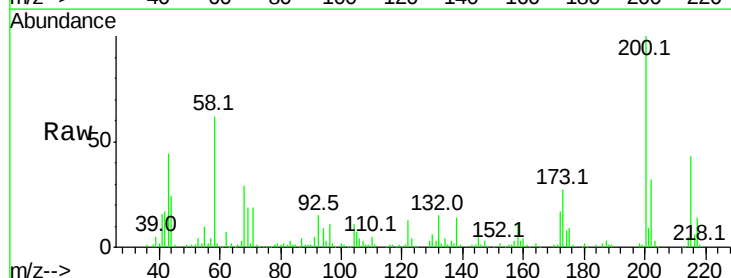
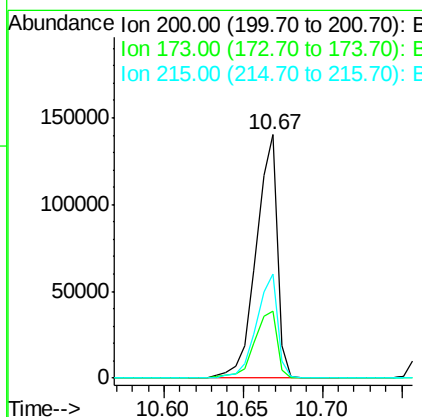
RT: 10.67 min Scan# 1510

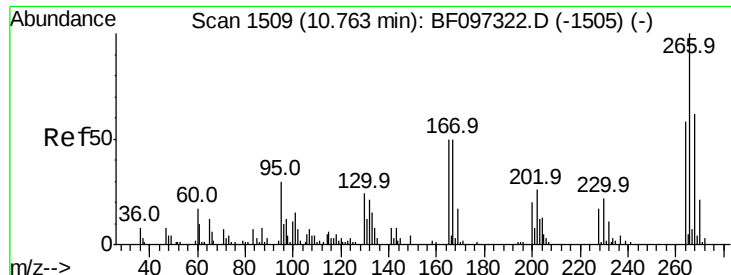
Delta R.T. -0.00 min

Lab File: BF097353.D

Acq: 4 Aug 2017 13:51

Tgt Ion:	200	Resp:	130871
Ion Ratio	Lower	Upper	
200	100		
173	27.4	6.3	46.3
215	43.0	27.2	67.2





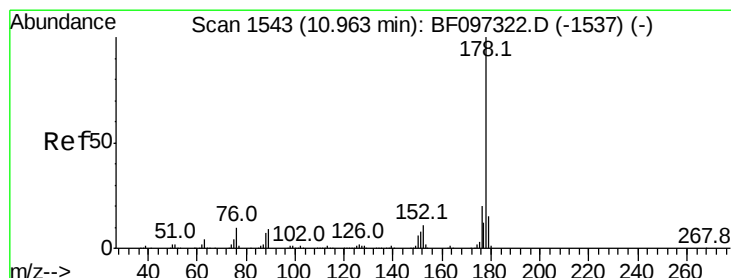
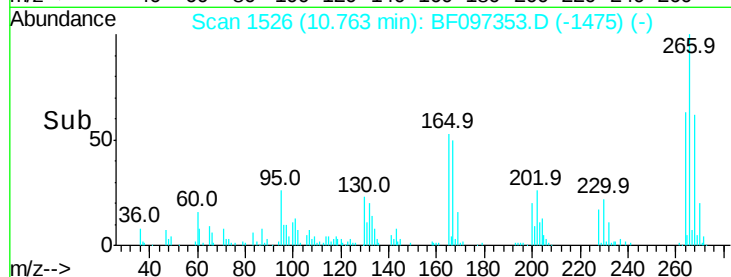
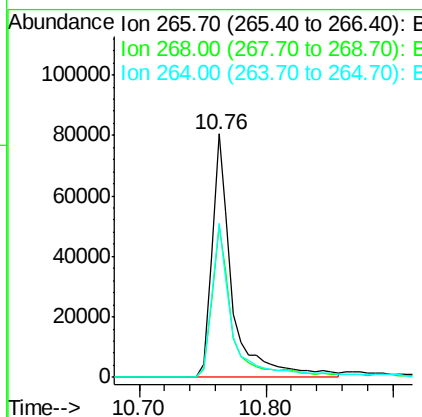
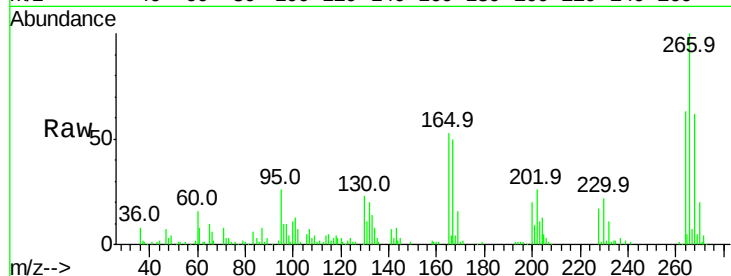
#69
 Pentachlorophenol
 Concen: 67.914 ng
 RT: 10.76 min Scan# 1526
 Delta R.T. -0.00 min
 Lab File: BF097353.D
 Acq: 4 Aug 2017 13:51

Instrument :
 BNA_F
 ClientSampled :
 PB101182BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.4	51.1	76.7
264	63.2	51.7	77.5

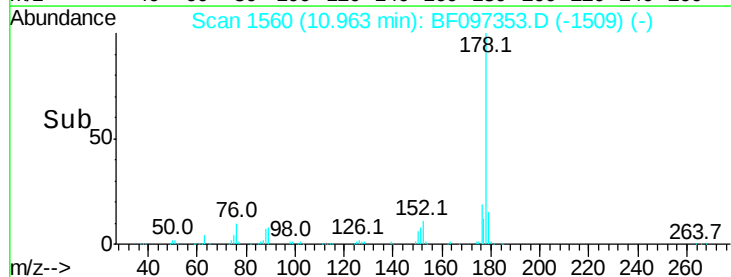
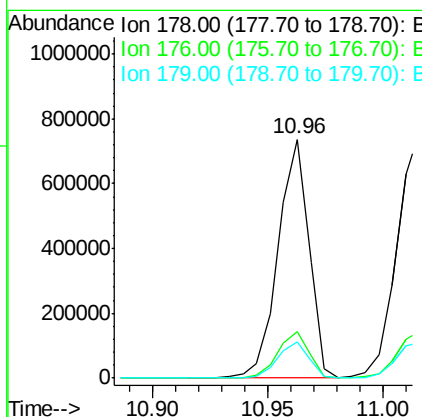
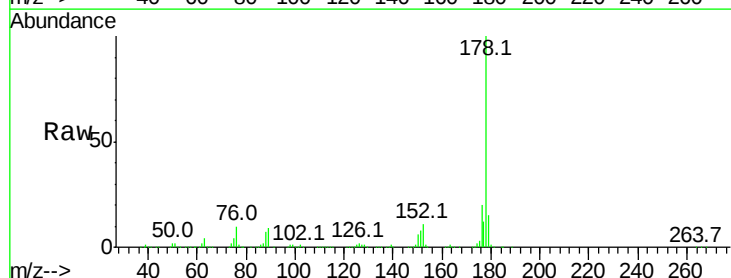
Manual Integrations
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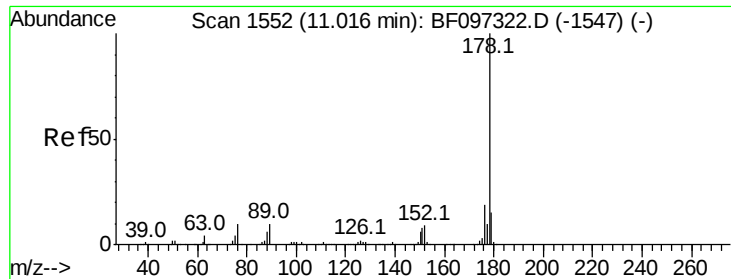
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#70
 Phenanthrene
 Concen: 43.941 ng
 RT: 10.96 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BF097353.D
 Acq: 4 Aug 2017 13:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.2	24.4
179	15.3	12.6	19.0





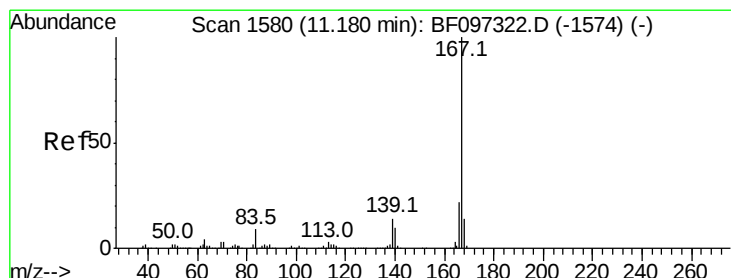
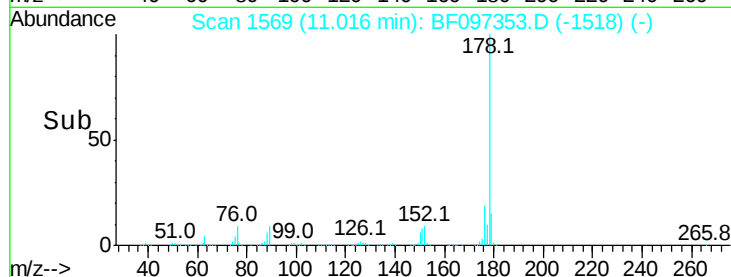
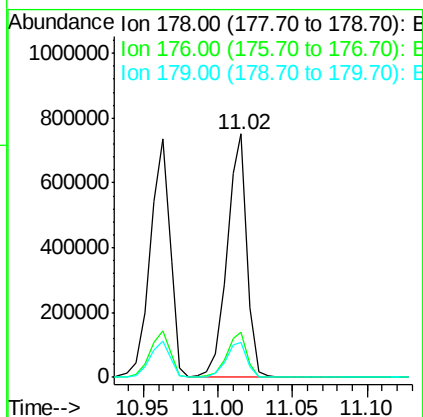
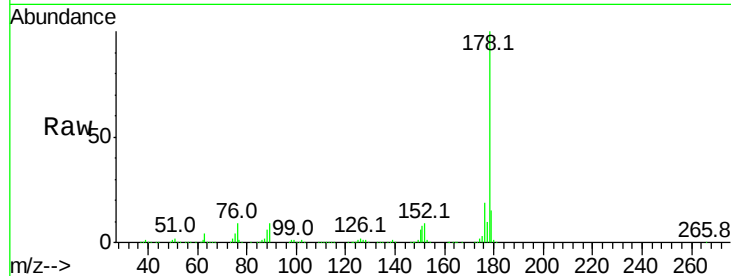
#71
 Anthracene
 Concen: 44.661 ng
 RT: 11.02 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: BF097353.D
 Acq: 4 Aug 2017 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PB101182BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	14.6	12.7	19.1

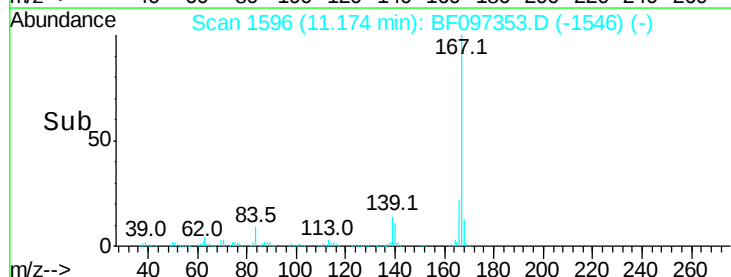
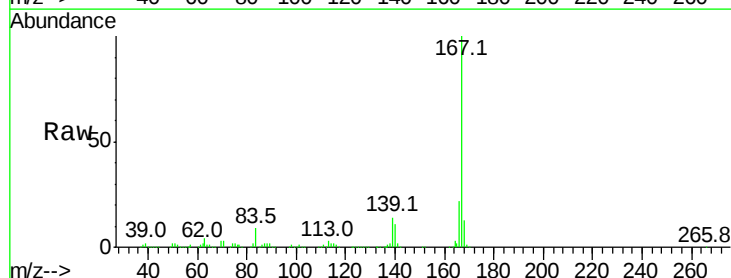
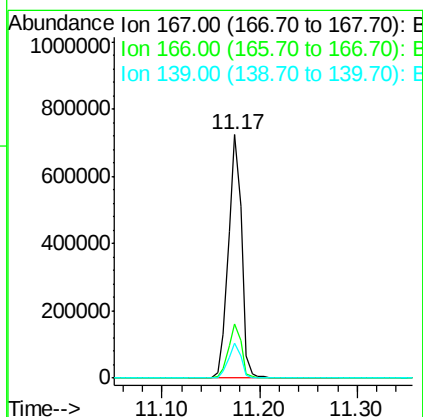
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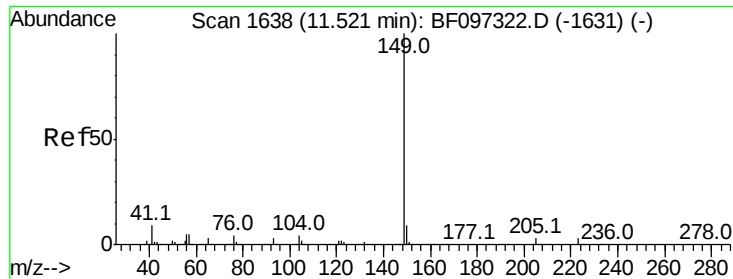
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#72
 Carbazole
 Concen: 43.606 ng
 RT: 11.17 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF097353.D
 Acq: 4 Aug 2017 13:51

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.1	27.1
139	14.2	11.7	17.5





#73

Di-n-butylphthalate

Concen: 43.319 ng

RT: 11.52 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BF097353.D

Acq: 4 Aug 2017 13:51

Instrument :

BNA_F

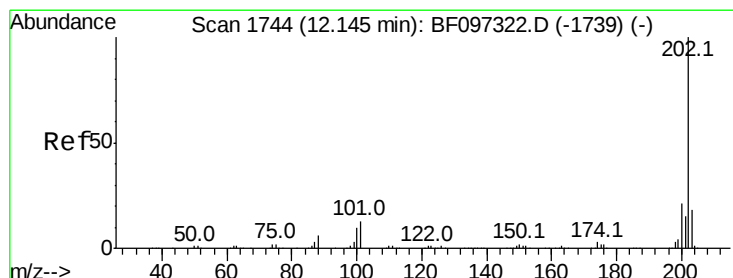
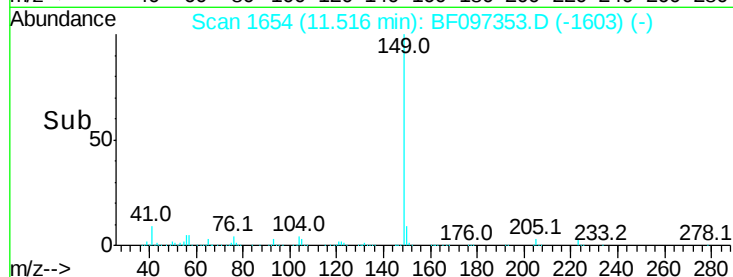
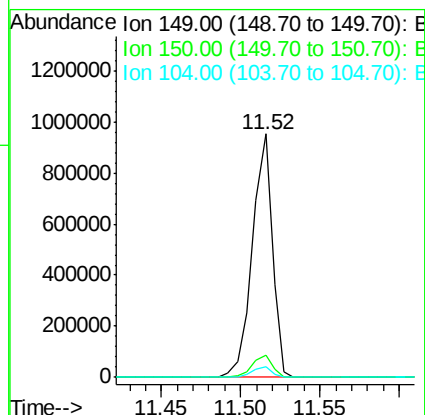
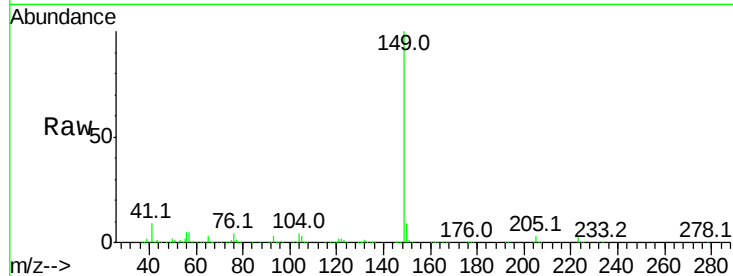
ClientSampleId :

PB101182BS

Tot Ion:	149	Resp:	835207
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.7	11.5
104	4.5	4.0	6.0

Manual Integrations
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#74

Fluoranthene

Concen: 46.019 ng

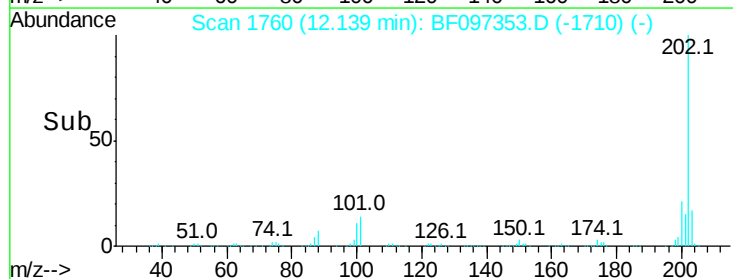
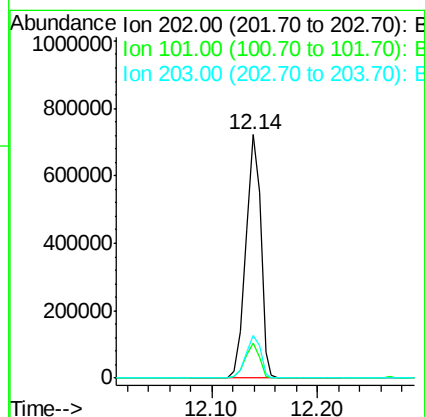
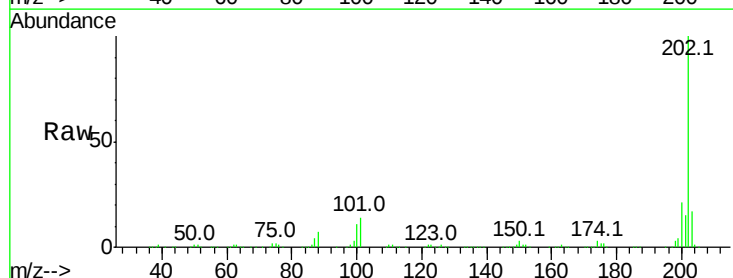
RT: 12.14 min Scan# 1760

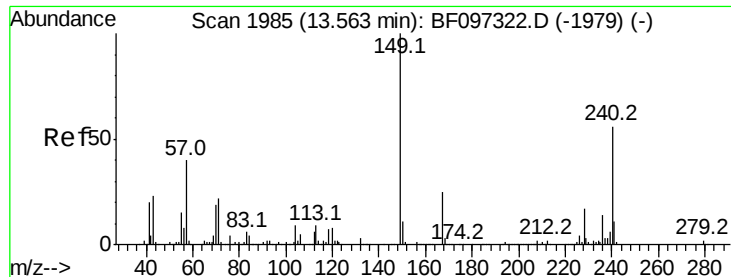
Delta R.T. -0.01 min

Lab File: BF097353.D

Acq: 4 Aug 2017 13:51

Tgt Ion:	202	Resp:	698093
Ion Ratio	Lower	Upper	
202	100		
101	14.4	0.0	33.2
203	17.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.56 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF097353.D

Acq: 4 Aug 2017 13:51

Instrument :

BNA_F

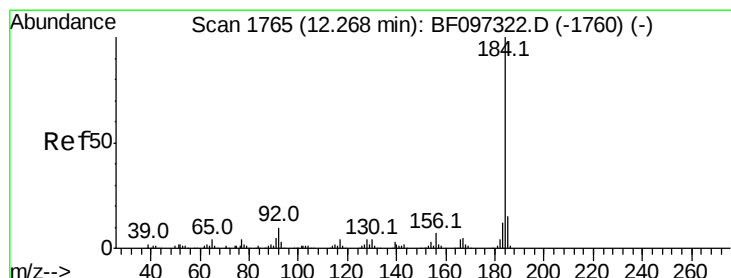
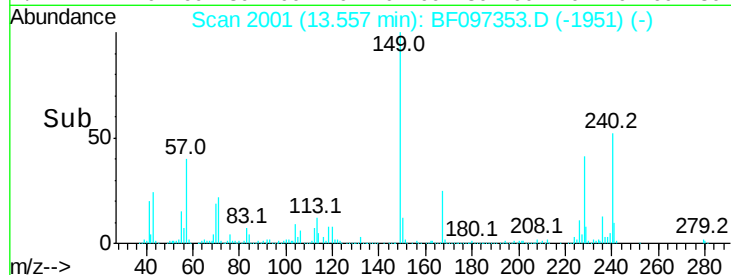
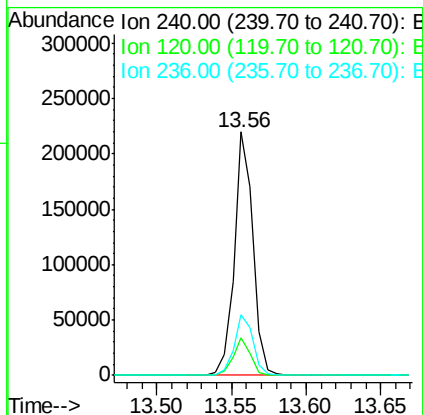
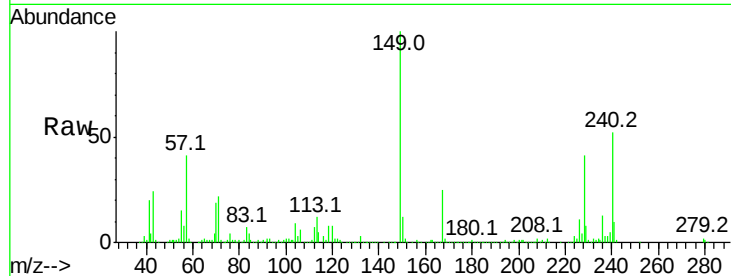
ClientSampleId :

PB101182BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	192523		
120	15.5	5.8	8.8#	
236	25.1	20.5	30.7	

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#76

Benzidine

Concen: 48.345 ng

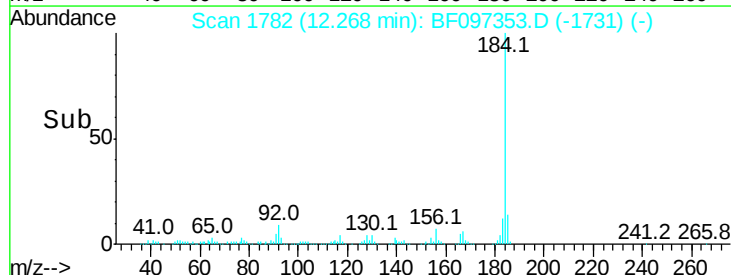
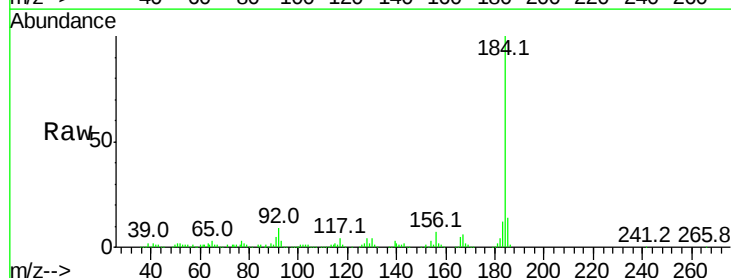
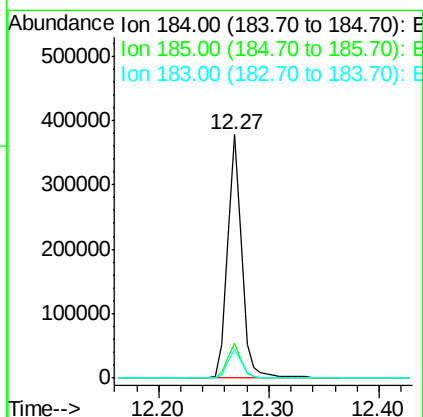
RT: 12.27 min Scan# 1782

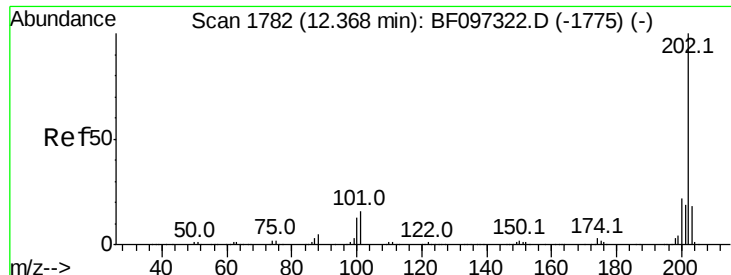
Delta R.T. -0.00 min

Lab File: BF097353.D

Acq: 4 Aug 2017 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	345354		
185	14.3	15.5	23.3#	
183	11.8	9.8	14.6	





#77

Pvrene

Concen: 45.393 ng

RT: 12.36 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BF097353.D

Acq: 4 Aug 2017 13:51

Instrument :

BNA_F

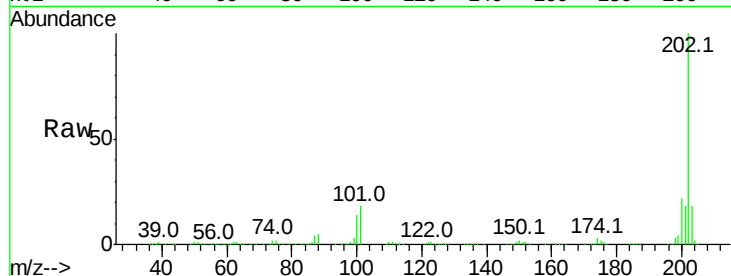
ClientSampleId :

PB101182BS

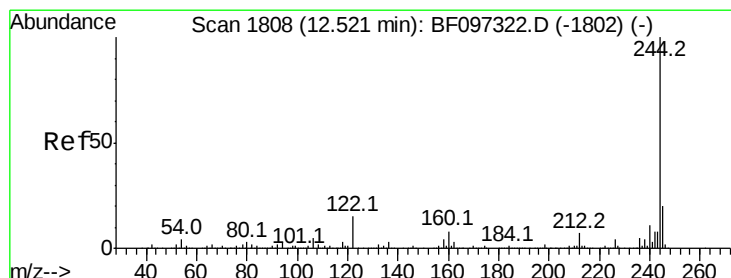
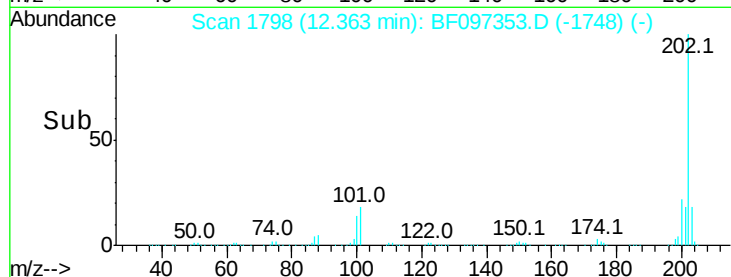
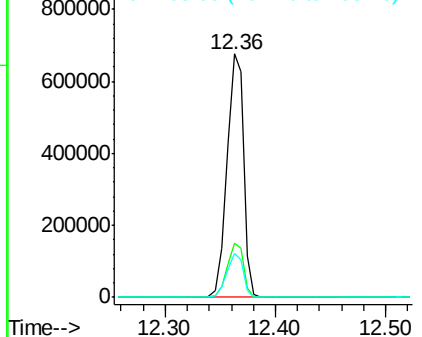
Tot Ion:	202	Resp:	715454
Ion Ratio	Lower	Upper	
202	100		
200	22.2	17.6	26.4
203	18.1	14.4	21.6

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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: 79.937 ng

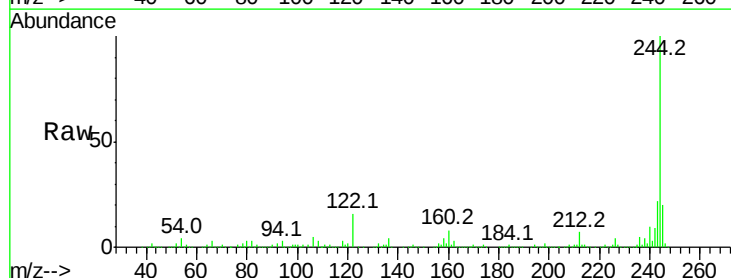
RT: 12.52 min Scan# 1824

Delta R.T. -0.01 min

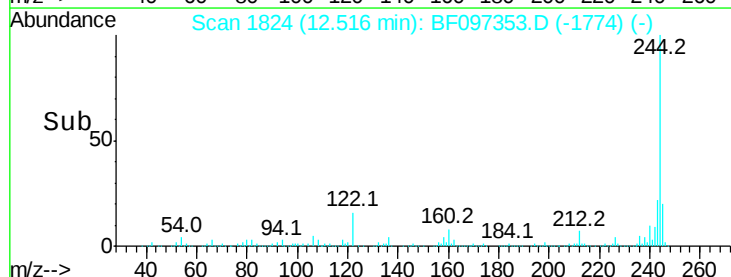
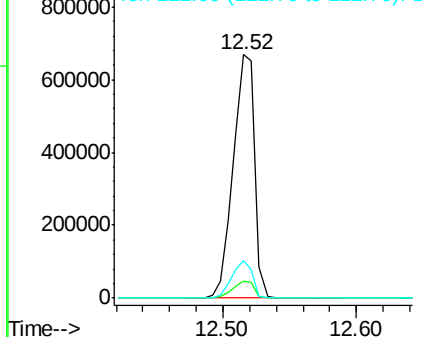
Lab File: BF097353.D

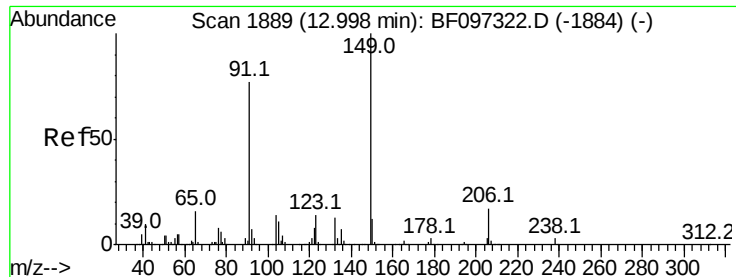
Acq: 4 Aug 2017 13:51

Tgt Ion:	244	Resp:	754819
Ion Ratio	Lower	Upper	
244	100		
212	7.1	6.0	9.0
122	15.6	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





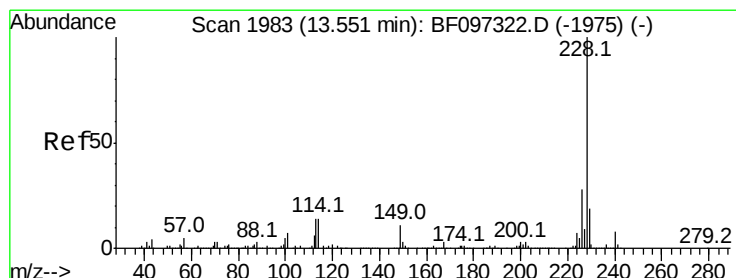
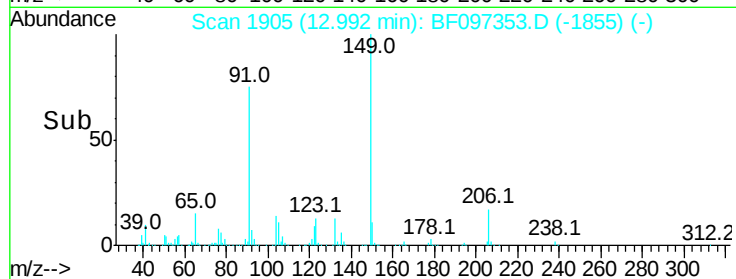
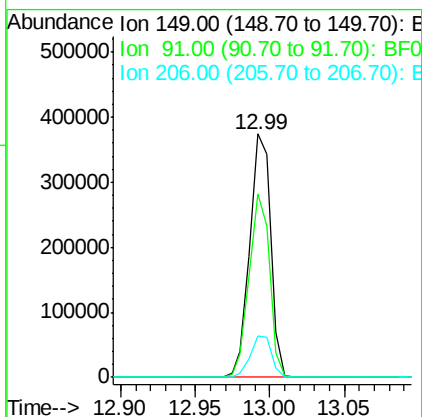
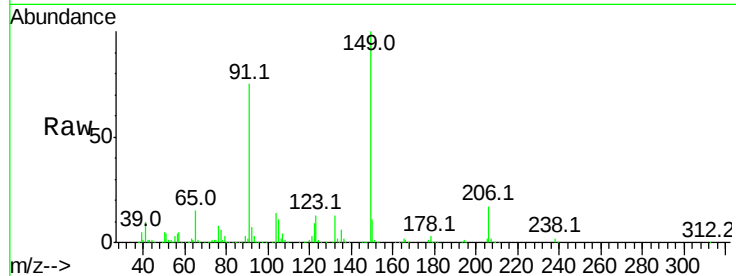
#79
Butylbenzylphthalate
Concen: 45.211 ng
RT: 12.99 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BF097353.D
Acq: 4 Aug 2017 13:51

Instrument :
BNA_F
ClientSampleId :
PB101182BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	362469		
91	75.4	45.0	67.4#	
206	16.8	17.0	25.6#	

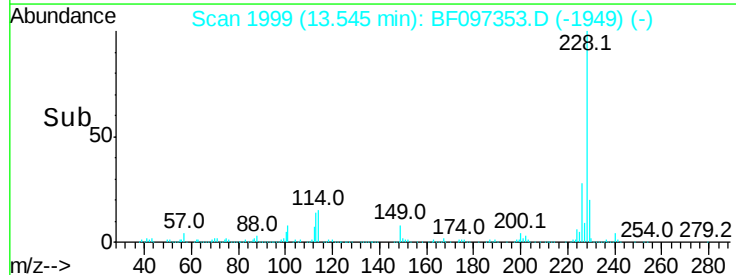
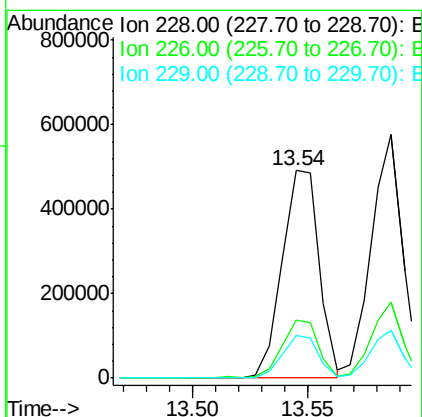
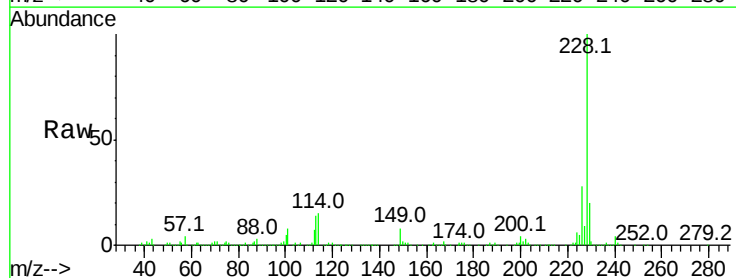
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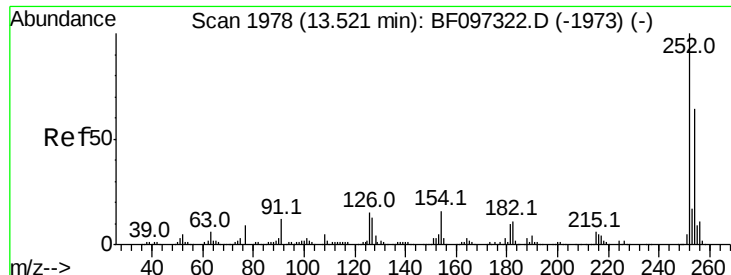
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#80
Benzo(a)anthracene
Concen: 43.553 ng
RT: 13.54 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BF097353.D
Acq: 4 Aug 2017 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	542538		
226	27.7	22.6	33.8	
229	20.3	16.3	24.5	





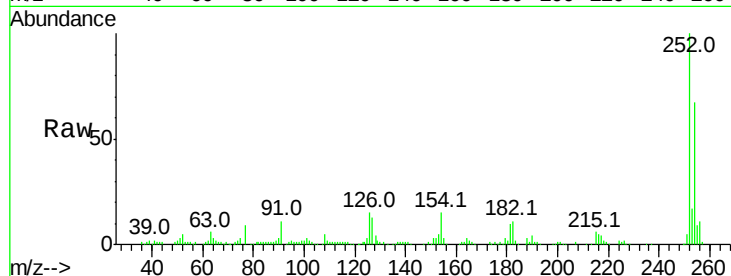
#81
 3,3'-Dichlorobenzidine
 Concen: 29.032 ng
 RT: 13.52 min Scan# 1994
 Delta R.T. -0.01 min
 Lab File: BF097353.D
 Acq: 4 Aug 2017 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PB101182BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	136379		
254	66.5	51.5	77.3	
126	14.9	15.8	23.8	

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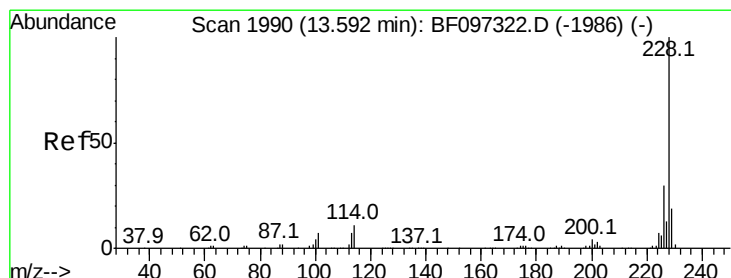
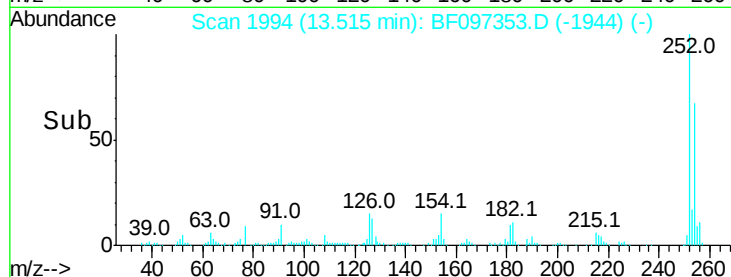
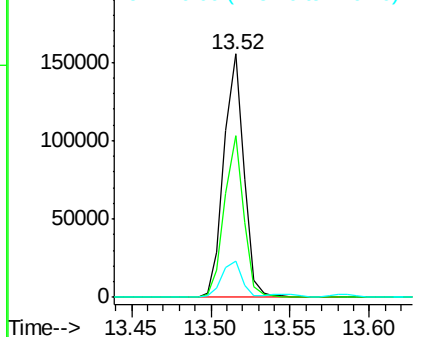


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 44.480 ng
 RT: 13.59 min Scan# 2006
 Delta R.T. -0.00 min
 Lab File: BF097353.D
 Acq: 4 Aug 2017 13:51

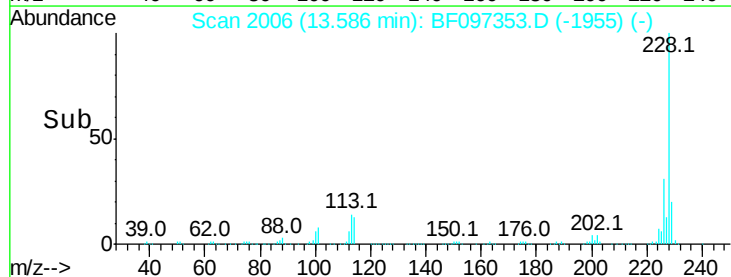
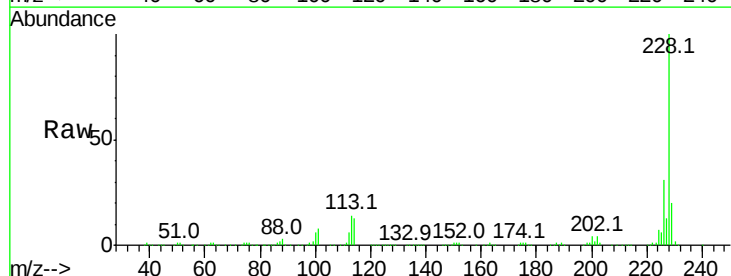
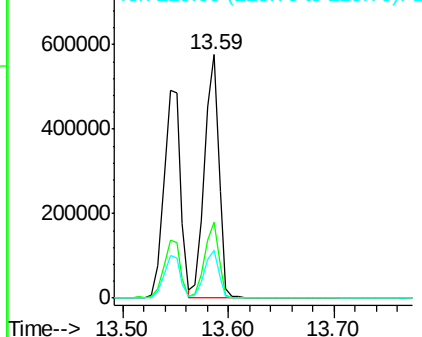
Tgt Ion	Ratio	Resp	Lower	Upper
228	100	541050		
226	31.1	24.9	37.3	
229	19.6	15.8	23.6	

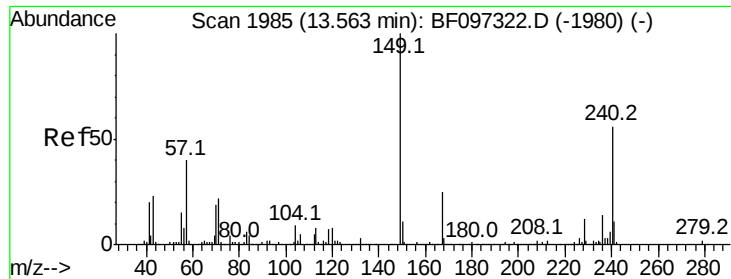
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.789 ng

RT: 13.56 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BF097353.D

Acq: 4 Aug 2017 13:51

Instrument :

BNA_F

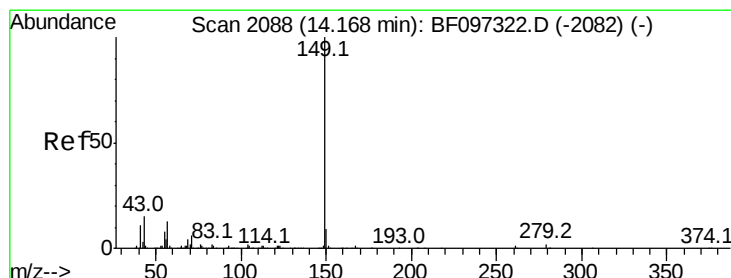
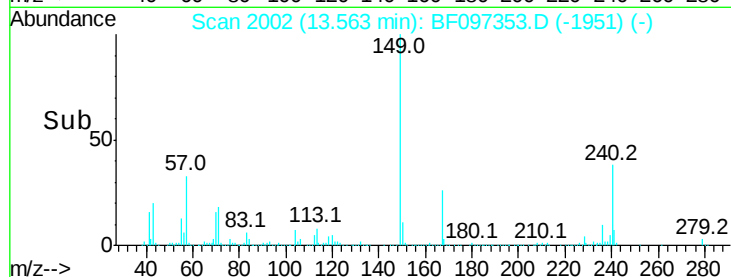
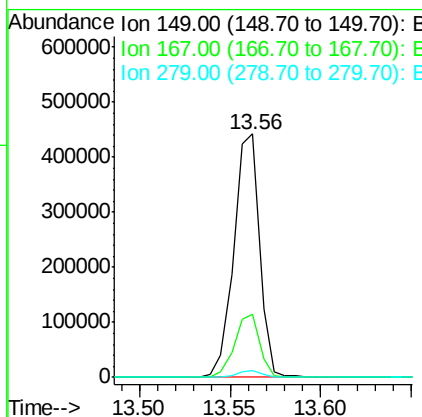
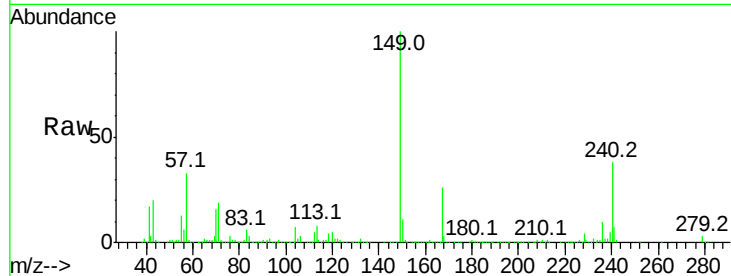
ClientSampleId :

PB101182BS

Tot Ion:	149	Resp:	437447
Ion Ratio	Lower	Upper	
149	100		
167	26.2	21.0	31.4
279	2.8	1.9	2.9

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#84

Di-n-octyl phthalate

Concen: 40.278 ng

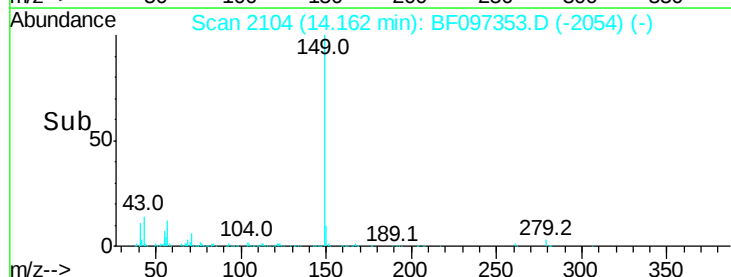
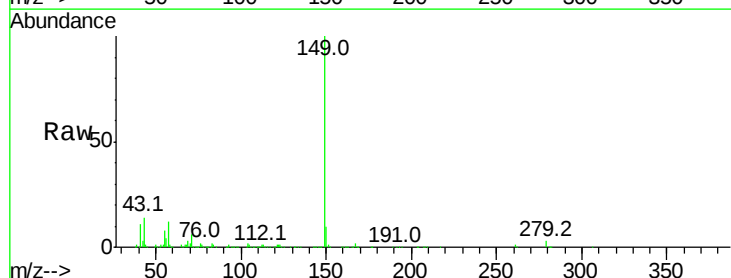
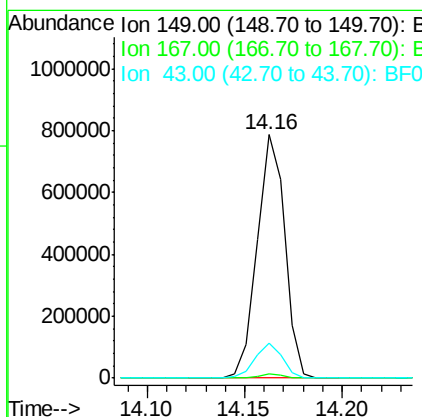
RT: 14.16 min Scan# 2104

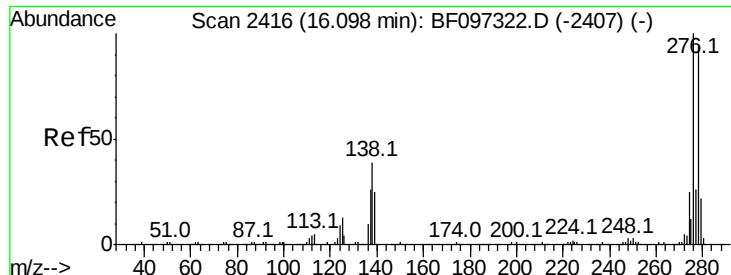
Delta R.T. -0.01 min

Lab File: BF097353.D

Acq: 4 Aug 2017 13:51

Tgt Ion:	149	Resp:	773742
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	13.9	8.5	12.7#





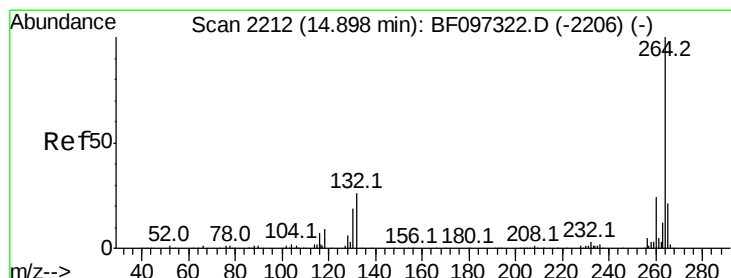
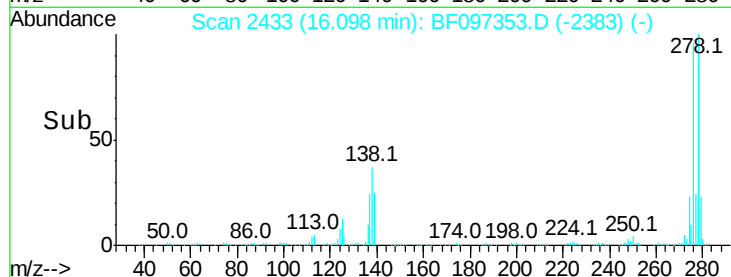
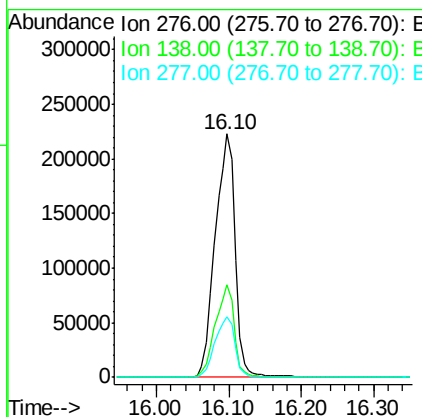
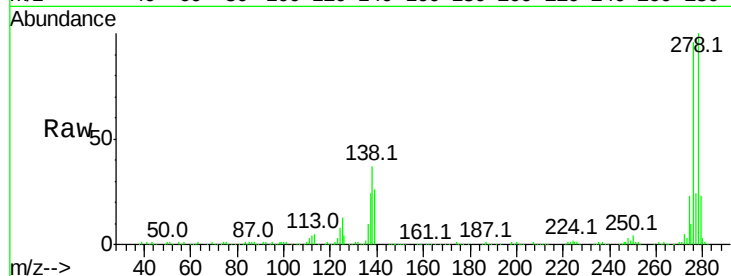
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.875 ng
 RT: 16.10 min Scan# 2433
 Delta R.T. -0.01 min
 Lab File: BF097353.D
 Acq: 4 Aug 2017 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PB101182BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	36.2	27.8	41.6
277	24.8	20.2	30.4

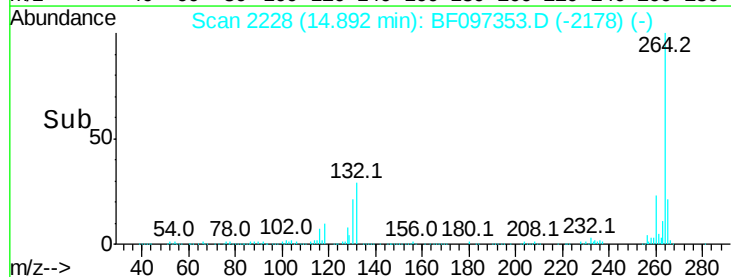
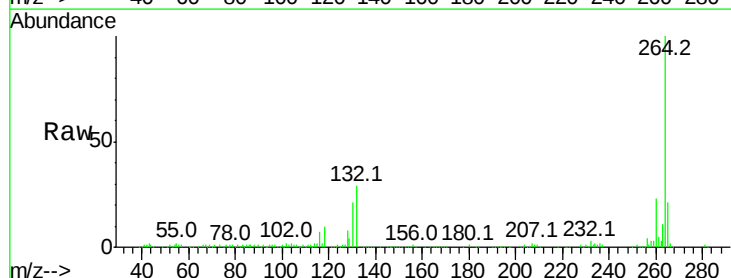
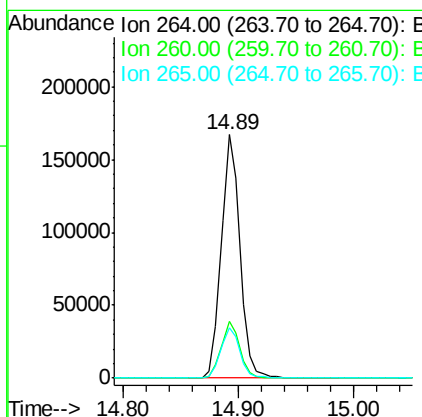
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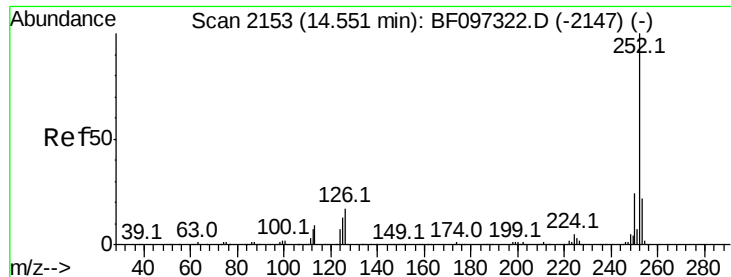
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.89 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BF097353.D
 Acq: 4 Aug 2017 13:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	20.7	17.2	25.8





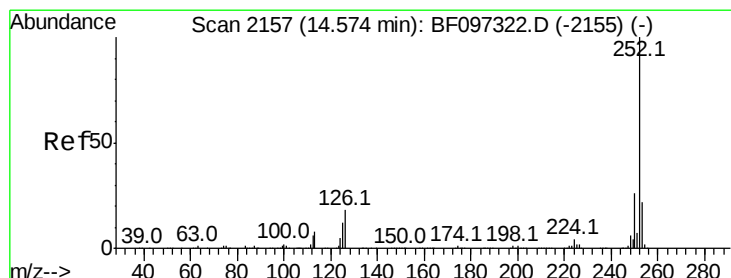
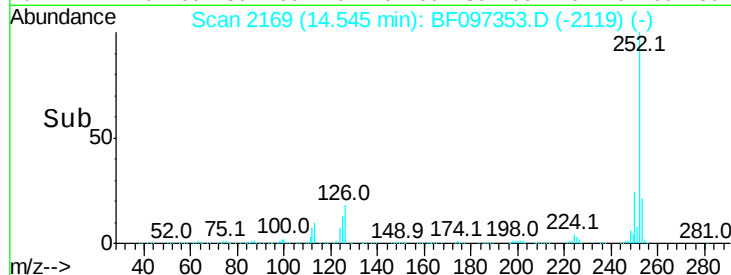
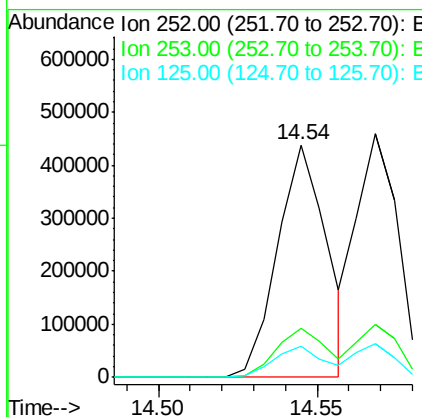
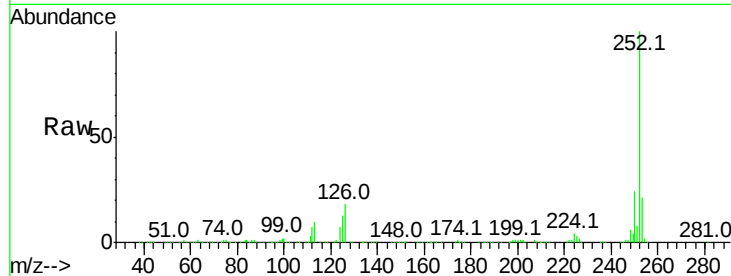
#87
Benzo(b)fluoranthene
Concen: 41.915 ng
RT: 14.54 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF097353.D
Acq: 4 Aug 2017 13:51

Instrument :
BNA_F
ClientSampleId :
PB101182BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.1	27.1
125	13.3	9.8	14.8

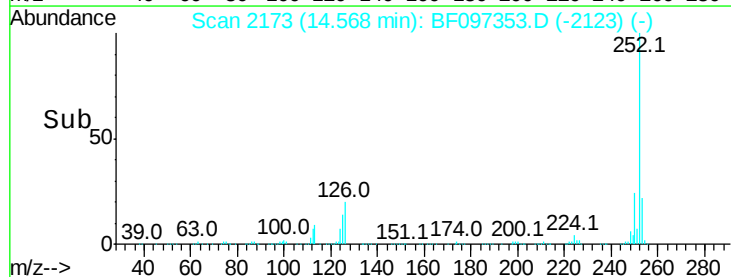
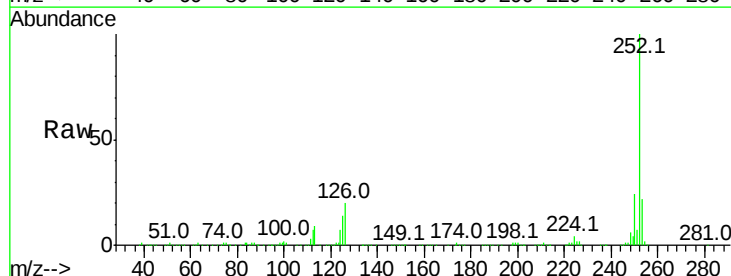
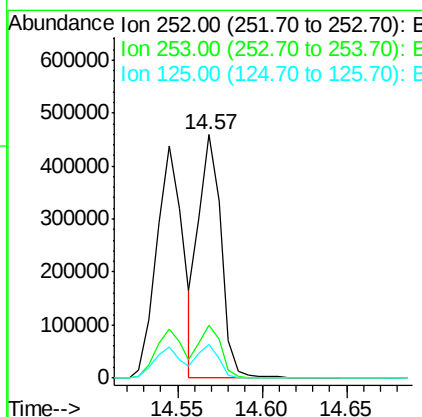
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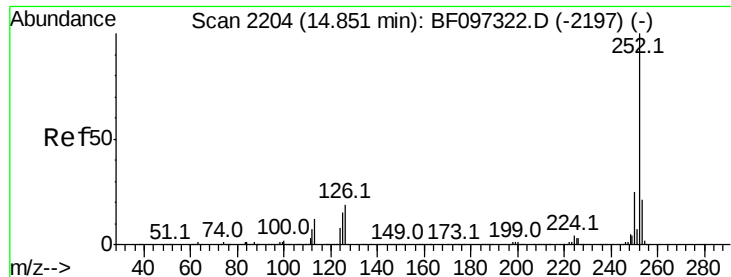
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#88
Benzo(k)fluoranthene
Concen: 39.089 ng
RT: 14.57 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF097353.D
Acq: 4 Aug 2017 13:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.4	27.6
125	13.9	13.1	19.7





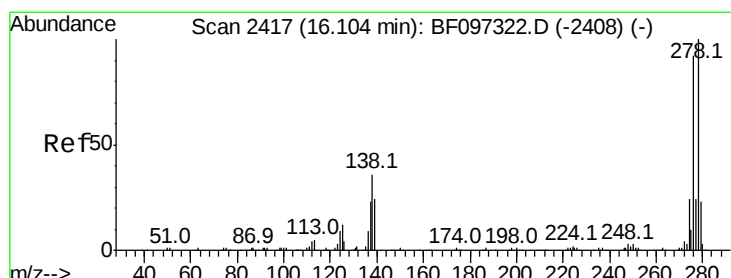
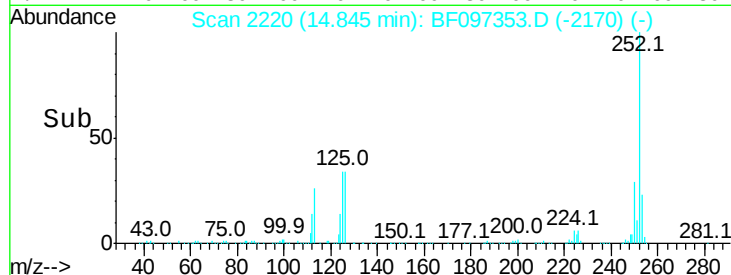
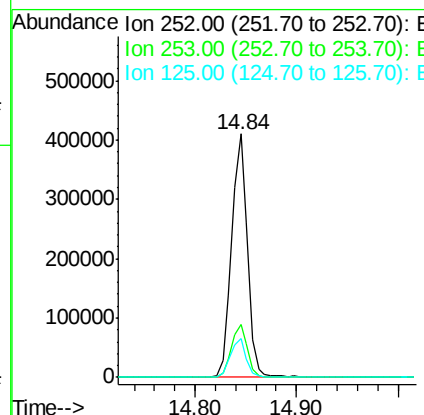
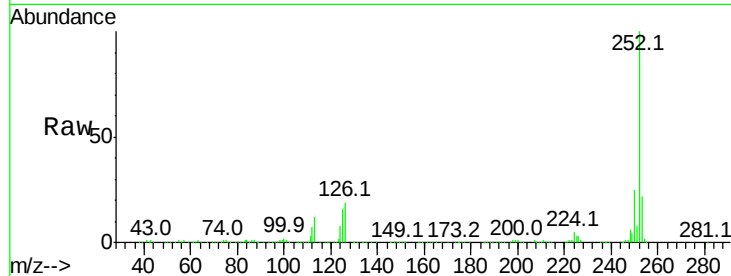
#89
Benzo(a)pyrene
Concen: 43.199 ng
RT: 14.84 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF097353.D
Acq: 4 Aug 2017 13:51

Instrument :
BNA_F
ClientSampleId :
PB101182BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	15.7	11.0	16.4

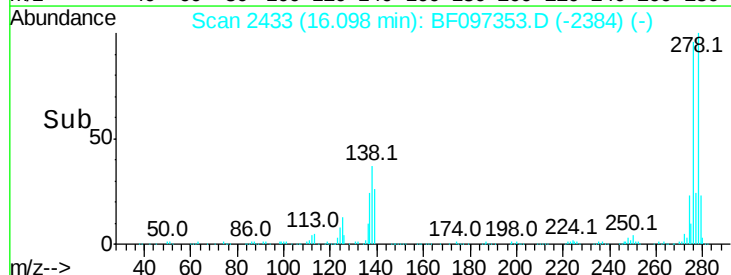
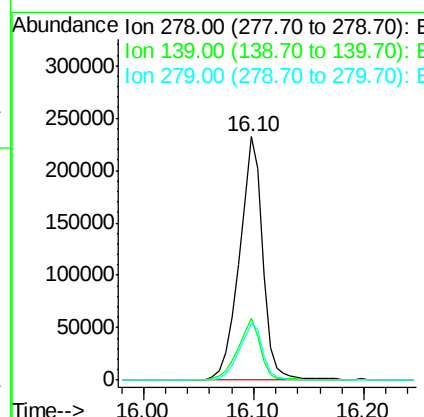
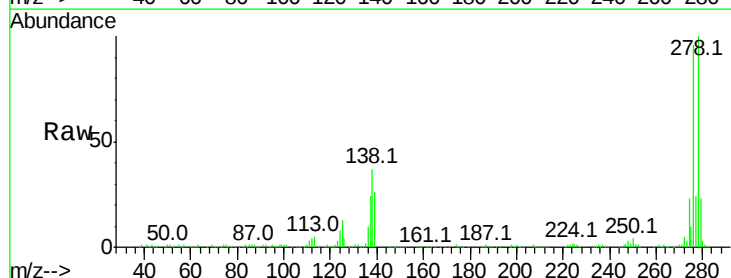
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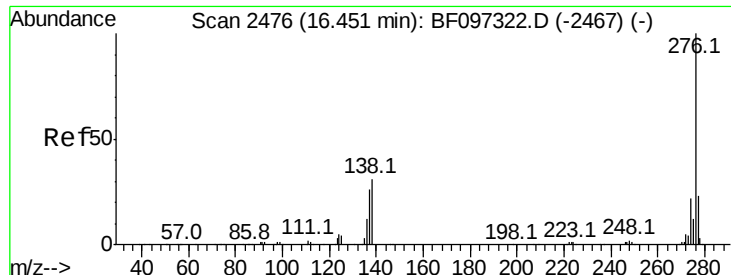
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#90
Dibenzo(a,h)anthracene
Concen: 40.720 ng
RT: 16.10 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BF097353.D
Acq: 4 Aug 2017 13:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	25.5	16.6	24.8#
279	23.1	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 44.564 ng
 RT: 16.44 min Scan# 2492
 Delta R.T. -0.01 min
 Lab File: BF097353.D
 Acq: 4 Aug 2017 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PB101182BS

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.9	18.6	28.0
138	34.0	25.4	38.0

Manual Integrations
 APPROVED

Sohil
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