

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080517\
 Data File : BF097392.D
 Acq On : 5 Aug 2017 12:53
 Operator : SJ/JU
 Sample : PB101266BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101266BS

Manual Integrations
 APPROVED

Sohil
 8/7/2017 6:00:40 PM

Quant Time: Aug 06 04:21:54 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 01:17:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.42	152	113213	20.00	ng	-0.08
21) Naphthalene-d8	7.71	136	463116	20.00	ng	-0.08
38) Acenaphthene-d10	9.45	164	200349	20.00	ng	-0.08
63) Phenanthrene-d10	10.93	188	345711	20.00	ng	-0.08
75) Chrysene-d12	13.54	240	221195	20.00	ng	-0.08
86) Perylene-d12	14.88	264	189507	20.00	ng	-0.09

System Monitoring Compounds

5) 2-Fluorophenol	5.04	112	896651	119.39	ng	-0.06
7) Phenol-d6	6.11	99	1043822	121.75	ng	-0.06
23) Nitrobenzene-d5	7.00	82	599514	75.94	ng	-0.08
41) 2,4,6-Tribromophenol	10.25	330	189754	119.87	ng	-0.08
44) 2-Fluorobiphenyl	8.79	172	996468	84.41	ng	-0.08
78) Terphenyl-d14	12.51	244	809071	74.58	ng	-0.08

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.00	88	122637	39.131	ng	# 73
3) Pyridine	2.61	79	348796	36.346	ng	# 64
4) n-Nitrosodimethylamine	2.56	42	212929	40.050	ng	# 76
6) Aniline	6.10	93	139990	12.975	ng	# 64
8) 2-Chlorophenol	6.22	128	323218	40.250	ng	94
9) Benzaldehyde	5.97	77	124211	24.476	ng	96
10) Phenol	6.12	94	432024	42.482	ng	96
11) bis(2-Chloroethyl)ether	6.17	93	350262	43.547	ng	91
12) 1,3-Dichlorobenzene	6.36	146	340569	39.354	ng	98
13) 1,4-Dichlorobenzene	6.44	146	341877	39.863	ng	94
14) 1,2-Dichlorobenzene	6.59	146	278927	37.248	ng	100
15) Benzyl Alcohol	6.60	79	254792	46.939	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.72	45	637078	39.491	ng	93
17) 2-Methylphenol	6.73	107	252917	40.808	ng	# 91
18) Hexachloroethane	6.93	117	117943	37.590	ng	# 81
19) n-Nitroso-di-n-propylamine	6.86	70	223793	39.656	ng	# 82
20) 3+4-Methylphenols	6.89	107	343796	42.472	ng	# 63
22) Acetophenone	6.85	105	421559	37.905	ng	99
24) Nitrobenzene	7.02	77	307264	37.372	ng	95
25) Isophorone	7.26	82	612054	39.589	ng	99
26) 2-Nitrophenol	7.33	139	176105	39.591	ng	# 84
27) 2,4-Dimethylphenol	7.40	122	279366	38.073	ng	97
28) bis(2-Chloroethoxy)methane	7.47	93	392239	38.878	ng	98
29) 2,4-Dichlorophenol	7.59	162	262001	41.448	ng	92
30) 1,2,4-Trichlorobenzene	7.66	180	236843	39.308	ng	98
31) Naphthalene	7.73	128	871871	39.938	ng	99
32) Benzoic acid	7.60	122	202390	36.938	ng	94
33) 4-Chloroaniline	7.80	127	73467	8.271	ng	95
34) Hexachlorobutadiene	7.85	225	120880	37.843	ng	98
35) Caprolactam	8.20	113	89332m	44.072	ng	
36) 4-Chloro-3-methylphenol	8.31	107	270415	39.212	ng	86
37) 2-Methylnaphthalene	8.42	142	606997	43.915	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.59	216	203146	38.001	ng	99
40) Hexachlorocyclopentadiene	8.57	237	114204	62.650	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.72	196	155186	40.059	nq	99
43) 2,4,5-Trichlorophenol	8.77	196	142144	36.658	nq	97
45) 1,1'-Biphenyl	8.89	154	649258	37.940	nq	97
46) 2-Chloronaphthalene	8.90	162	499729	39.683	nq	# 92
47) 2-Nitroaniline	9.02	65	197395	43.192	nq	91
48) Acenaphthylene	9.32	152	804113	41.601	nq	100
49) Dimethylphthalate	9.20	163	603726	39.682	nq	100
50) 2,6-Dinitrotoluene	9.26	165	131889	40.873	nq	# 78
51) Acenaphthene	9.49	154	457236	40.159	nq	99
52) 3-Nitroaniline	9.43	138	79956	19.963	nq	89
53) 2,4-Dinitrophenol	9.56	184	125077	85.250	nq	# 78
54) Dibenzofuran	9.66	168	658540	43.424	nq	92
55) 4-Nitrophenol	9.64	139	136167m	57.168	nq	
56) 2,4-Dinitrotoluene	9.67	165	173328	46.725	nq	# 67
57) Fluorene	10.00	166	496654	43.573	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.79	232	119336	44.573	nq	95
59) Diethylphthalate	9.89	149	609195	43.645	nq	98
60) 4-Chlorophenyl-phenylether	9.99	204	200684	42.637	nq	98
61) 4-Nitroaniline	10.05	138	124998	32.845	nq	92
62) Azobenzene	10.16	77	581304	44.893	nq	92
64) 4,6-Dinitro-2-methylphenol	10.09	198	87738	40.842	nq	86
65) n-Nitrosodiphenylamine	10.12	169	465323	38.684	nq	97
66) 4-Bromophenyl-phenylether	10.48	248	138500	40.144	nq	98
67) Hexachlorobenzene	10.55	284	140184	36.233	nq	# 93
68) Atrazine	10.66	200	136735	39.642	nq	92
69) Pentachlorophenol	10.76	266	109497	68.402	nq	99
70) Phenanthrene	10.95	178	745214	40.231	nq	99
71) Anthracene	11.00	178	738574	38.930	nq	99
72) Carbazole	11.17	167	728884	39.065	nq	99
73) Di-n-butylphthalate	11.50	149	922998	40.019	nq	99
74) Fluoranthene	12.13	202	757985	41.770	nq	98
77) Pyrene	12.35	202	782334	43.203	nq	100
79) Butylbenzylphthalate	12.99	149	386708	41.982	nq	# 84
80) Benzo(a)anthracene	13.54	228	568189	39.699	nq	98
81) 3,3'-Dichlorobenzidine	13.50	252	127618	23.645	nq	98
82) Chrysene	13.57	228	562439	40.245	nq	100
83) Bis(2-ethylhexyl)phthalate	13.55	149	570622	47.446	nq	99
84) Di-n-octyl phthalate	14.15	149	808645	36.639	nq	# 91
85) Indeno(1,2,3-cd)pyrene	16.08	276	423785	35.364	nq	97
87) Benzo(b)fluoranthene	14.53	252	435032	38.189	nq	98
88) Benzo(k)fluoranthene	14.56	252	408434	37.625	nq	96
89) Benzo(a)pyrene	14.83	252	416541	39.952	nq	97
90) Dibenzo(a,h)anthracene	16.08	278	354545	41.468	nq	96
91) Benzo(g,h,i)perylene	16.43	276	390752	43.582	nq	97

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

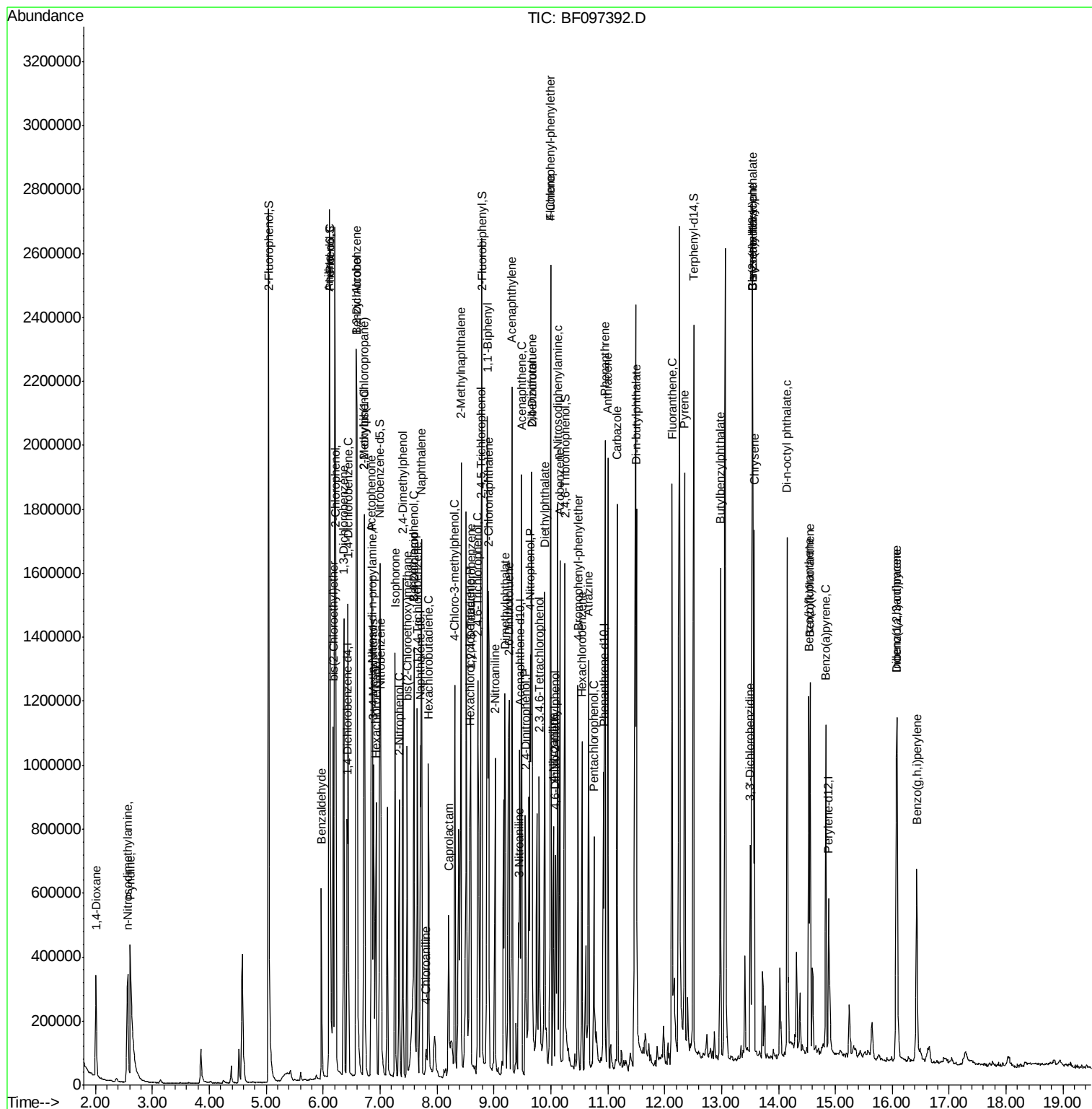
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF080517\  
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Acq On    : 5 Aug 2017 12:53  
Operator  : SJ/JU  
Sample    : PB101266BS  
Misc      :  
ALS Vial  : 3 Sample Multiplier: 1
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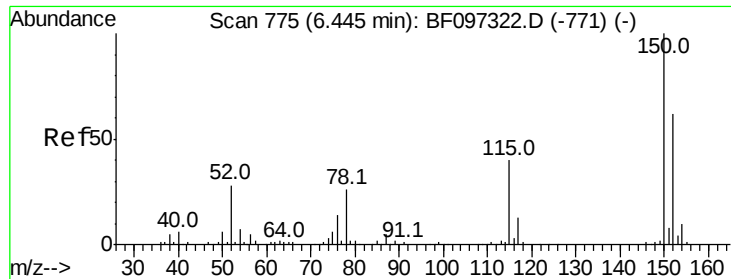
Instrument :
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ClientSampleId :
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#1

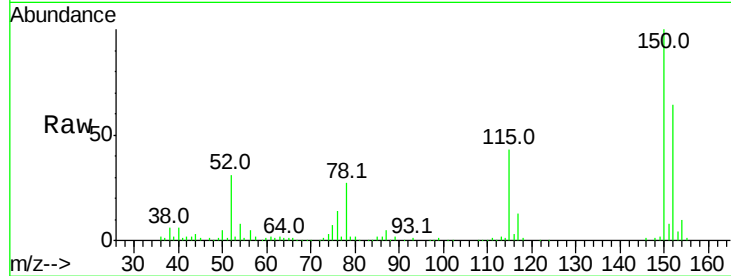
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.42 min Scan# 788
Delta R.T. -0.08 min
Lab File: BF097392.D
Acq: 5 Aug 2017 12:53

Instrument :
BNA_F
ClientSampleId :
PB101266BS

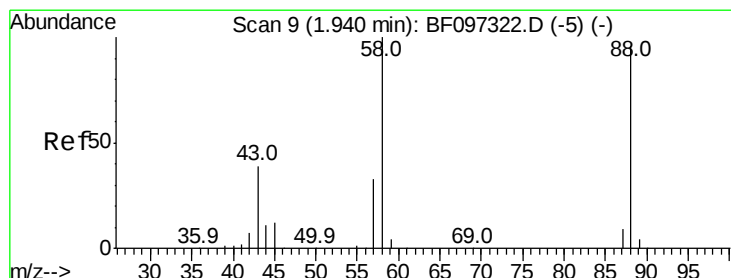
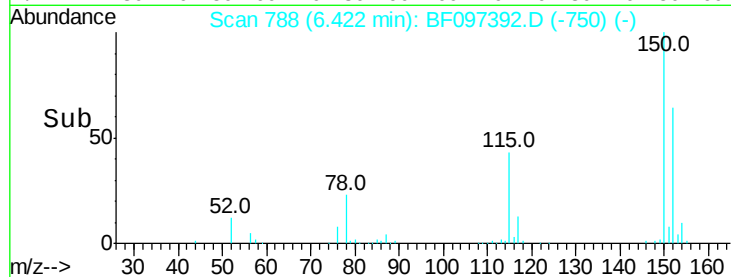
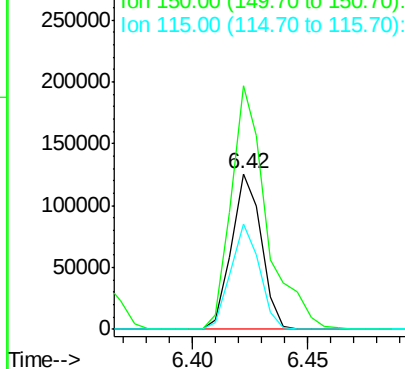
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.2	189.2
115	67.6	52.2	78.2

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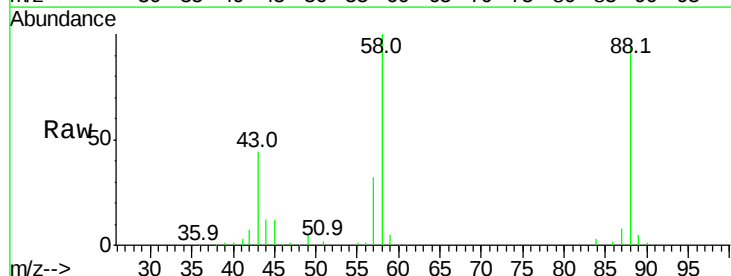
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



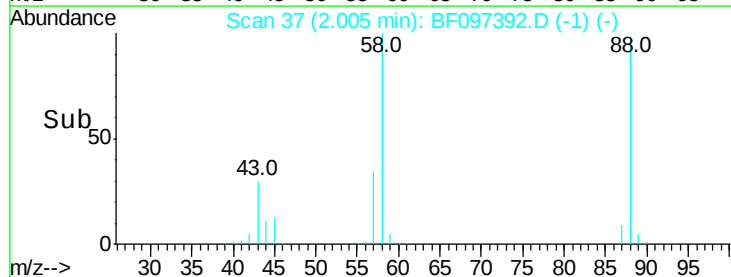
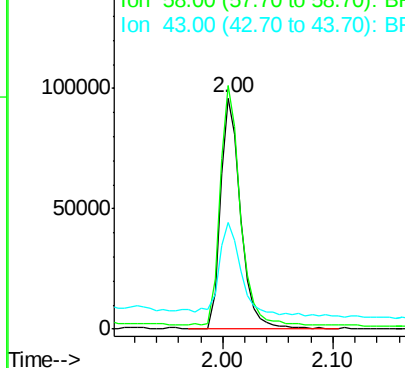
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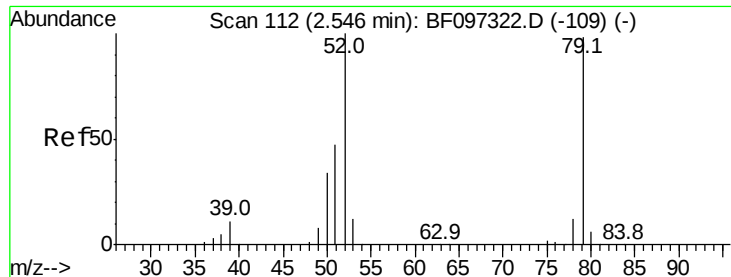
1,4-Dioxane
Concen: 39.131 ng
RT: 2.00 min Scan# 37
Delta R.T. -0.04 min
Lab File: BF097392.D
Acq: 5 Aug 2017 12:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	101.5	61.4	92.0#
43	42.1	23.4	35.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 36.346 ng

RT: 2.61 min Scan# 140

Delta R.T. -0.05 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

Instrument :

BNA_F

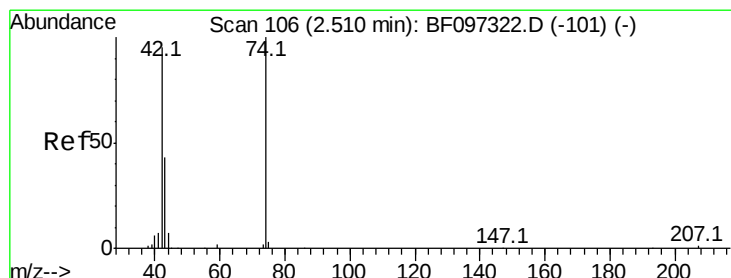
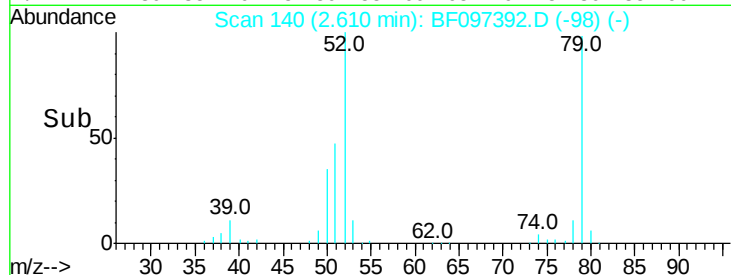
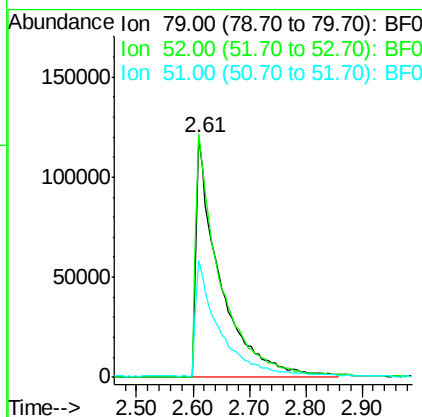
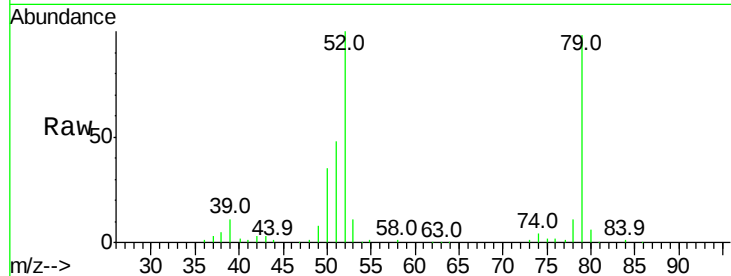
ClientSampleId :

PB101266BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	101.7	54.8	82.2#		
51	48.8	27.0	40.4#		

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#4

n-Nitrosodimethylamine

Concen: 40.050 ng

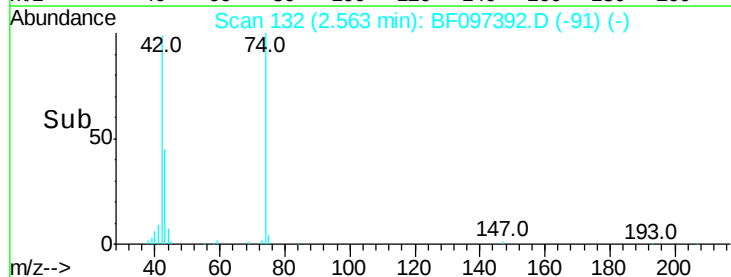
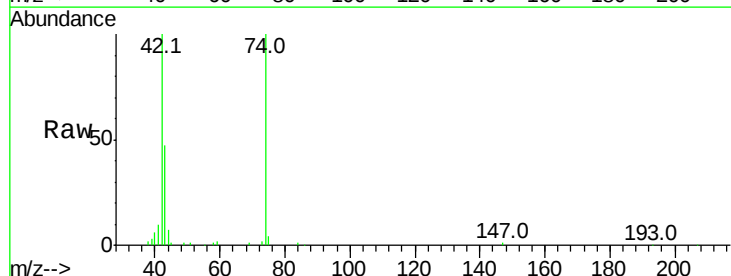
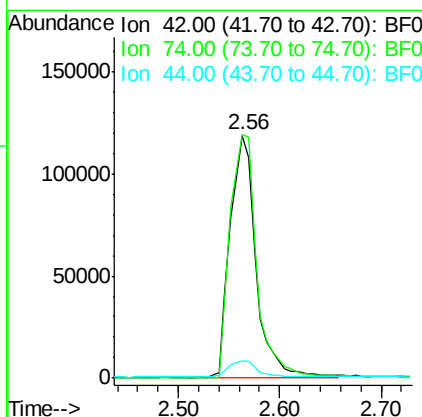
RT: 2.56 min Scan# 132

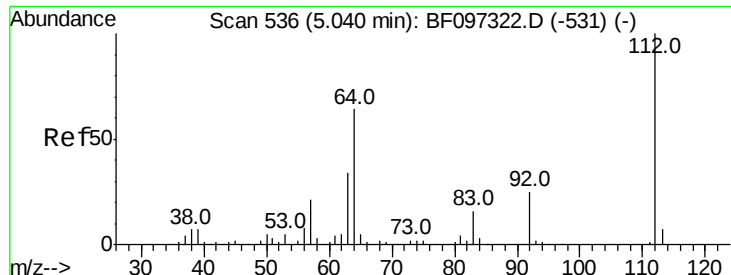
Delta R.T. -0.06 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	100.4	103.9	155.9#		
44	7.3	5.7	8.5		





#5

2-Fluorophenol

Concen: 119.394 ng

RT: 5.04 min Scan# 553

Delta R.T. -0.06 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

Instrument :

BNA_F

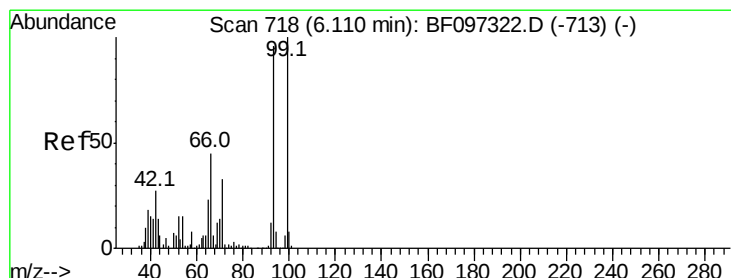
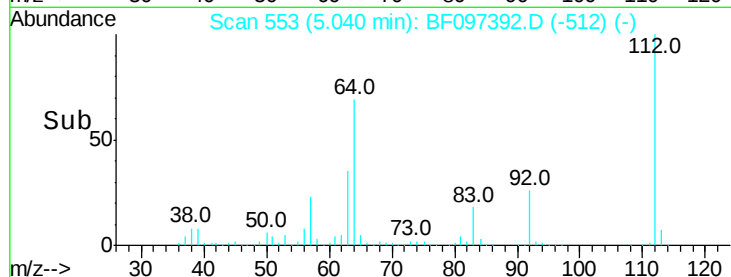
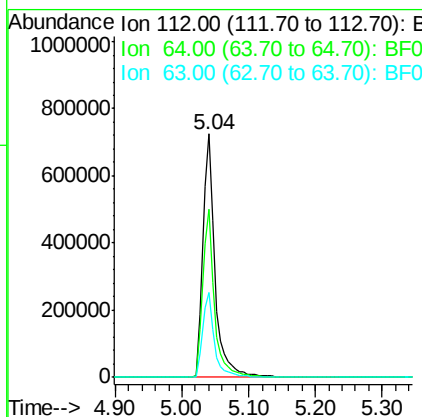
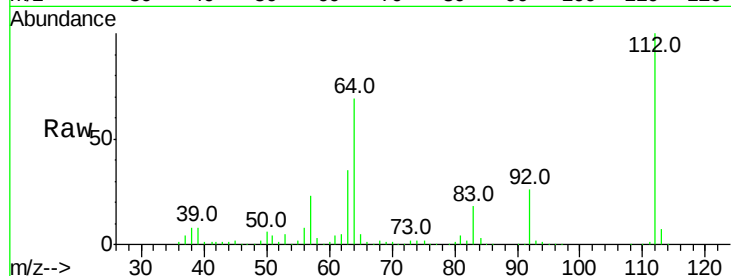
ClientSampleId :

PB101266BS

Tot Ion:	112	Resp:	896651
Ion Ratio	Lower	Upper	
112	100		
64	68.9	46.0	69.0
63	34.6	23.4	35.0

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#6

Aniline

Concen: 12.975 ng

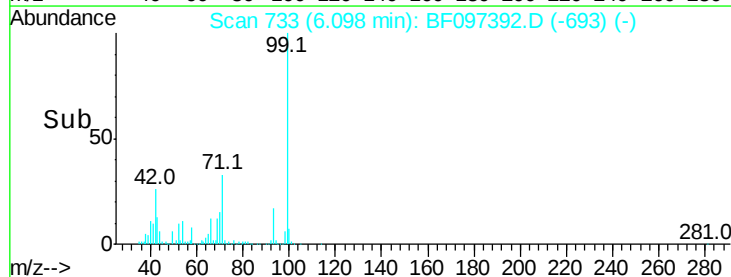
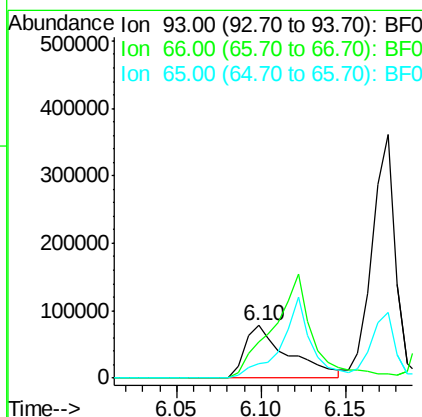
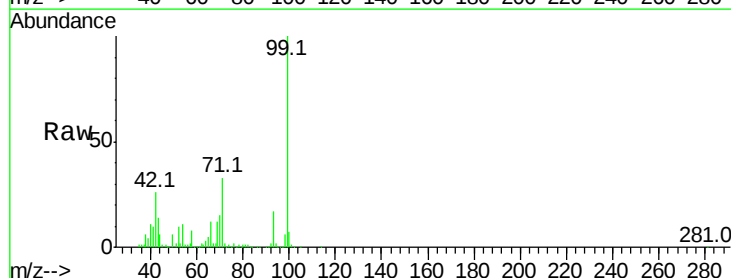
RT: 6.10 min Scan# 733

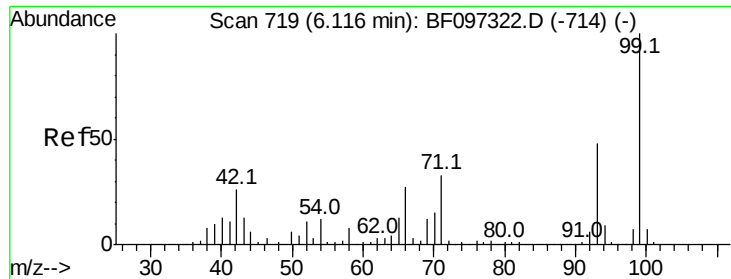
Delta R.T. -0.06 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

Tgt Ion:	93	Resp:	139990
Ion Ratio	Lower	Upper	
93	100		
66	69.5	32.9	49.3#
65	27.7	16.0	24.0#





#7

Phenol-d6

Concen: 121.748 ng

RT: 6.11 min Scan# 735

Delta R.T. -0.06 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

Instrument :

BNA_F

ClientSampleId :

PB101266BS

Tot Ion: 99 Resp: 1043822

Ion Ratio Lower Upper

99 100

42 24.6 13.5 20.3#

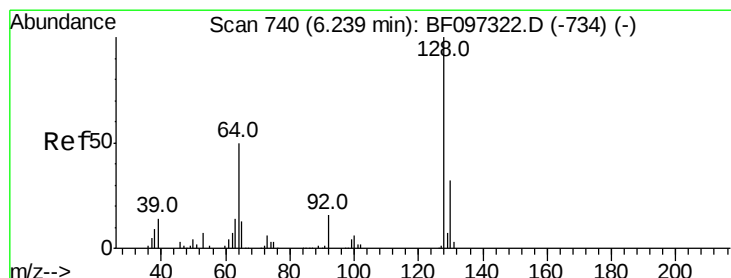
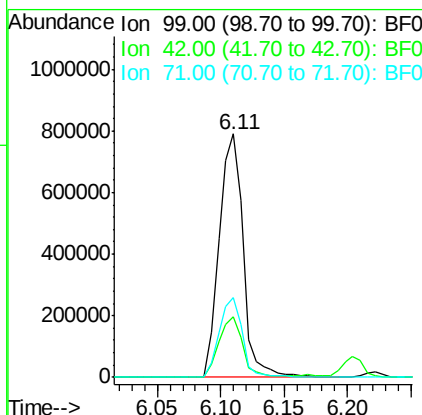
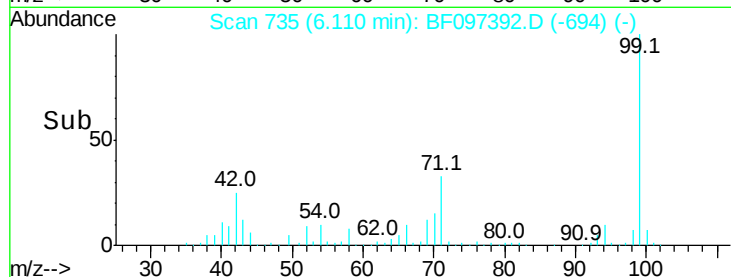
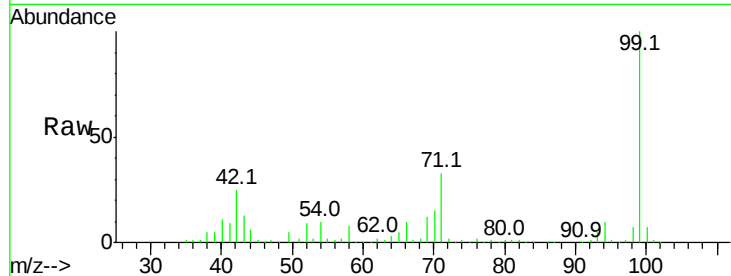
71 32.6 24.5 36.7

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#8

2-Chlorophenol

Concen: 40.250 ng

RT: 6.22 min Scan# 754

Delta R.T. -0.07 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

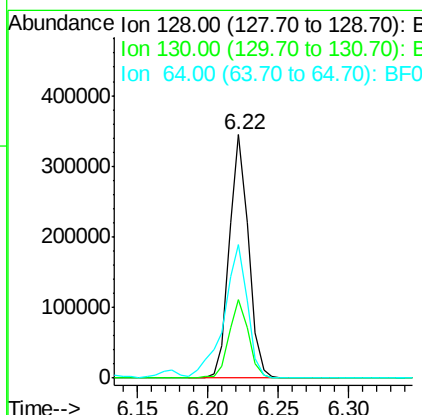
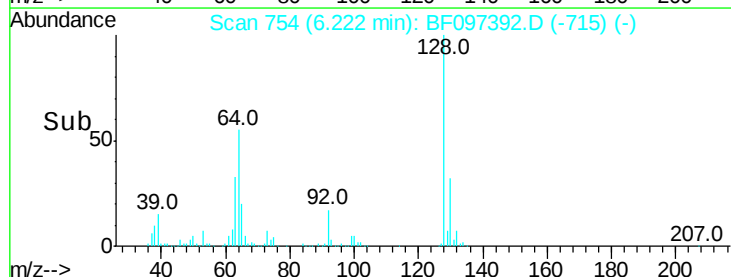
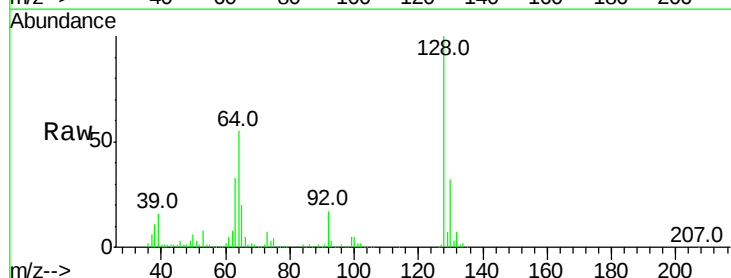
Tgt Ion:128 Resp: 323218

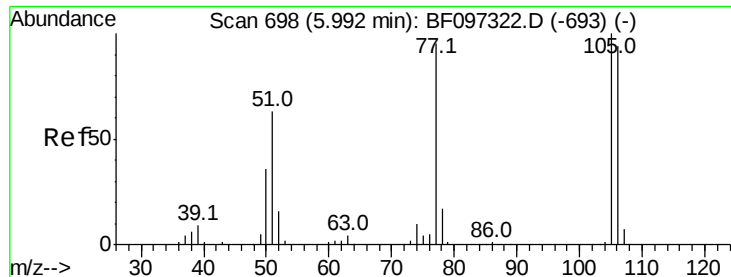
Ion Ratio Lower Upper

128 100

130 32.2 12.9 52.9

64 54.6 28.4 68.4





#9

Benzaldehyde

Concen: 24.476 ng

RT: 5.97 min Scan# 711

Delta R.T. -0.08 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

Instrument :

BNA_F

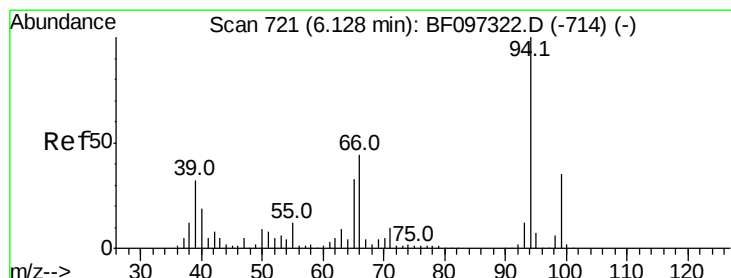
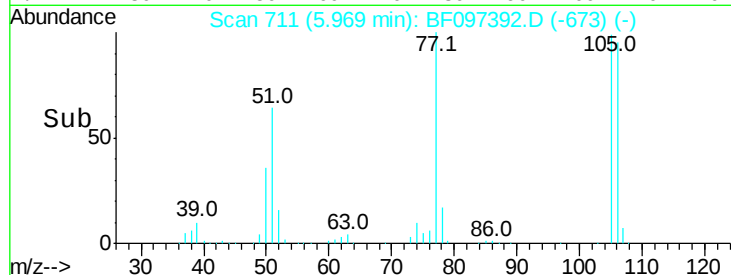
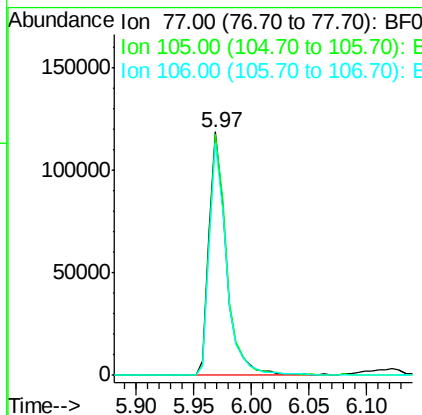
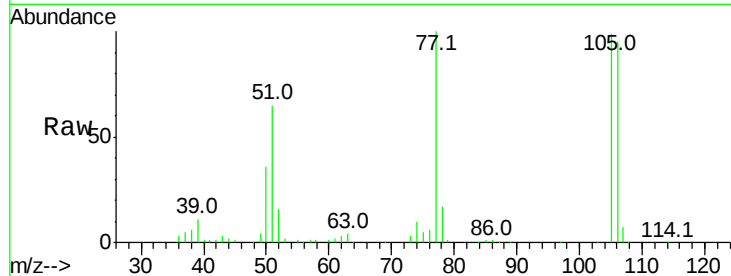
ClientSampleId :

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Tot Ion:	77	Resp:	124211
Ion	Ratio	Lower	Upper
77	100		
105	98.8	83.8	123.8
106	95.2	79.1	119.1

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#10

Phenol

Concen: 42.482 ng

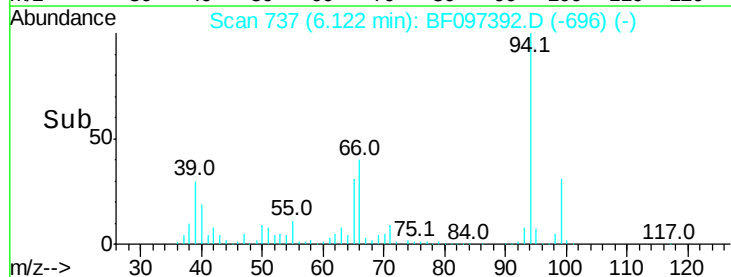
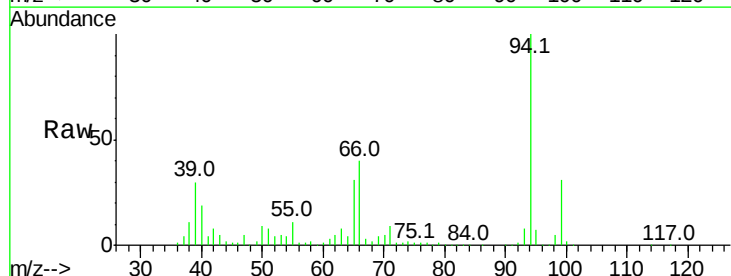
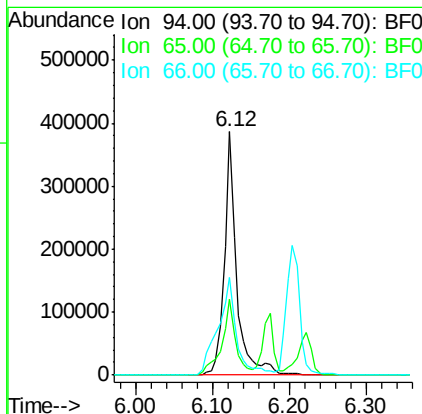
RT: 6.12 min Scan# 737

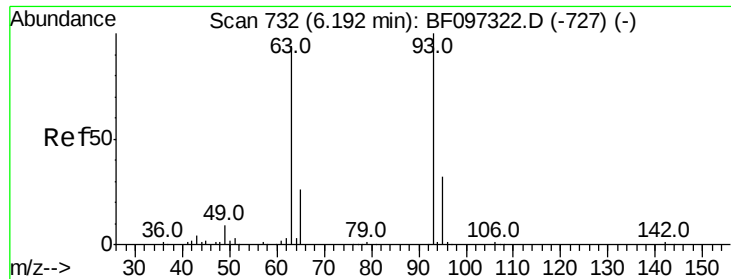
Delta R.T. -0.06 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

Tgt Ion:	94	Resp:	432024
Ion	Ratio	Lower	Upper
94	100		
65	31.1	9.9	49.9
66	39.9	23.1	63.1





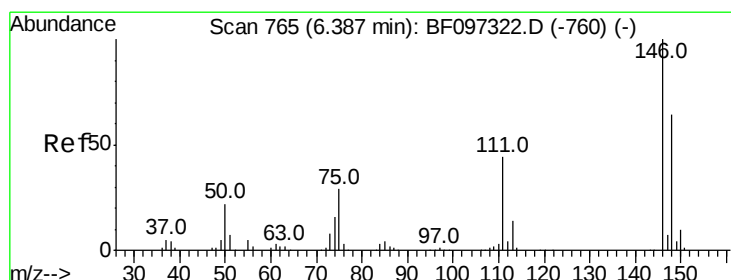
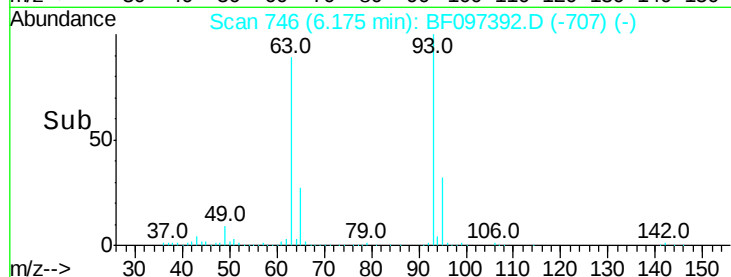
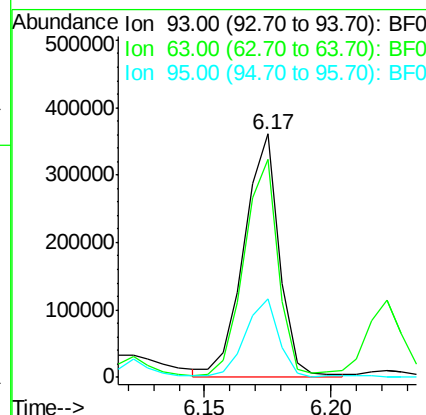
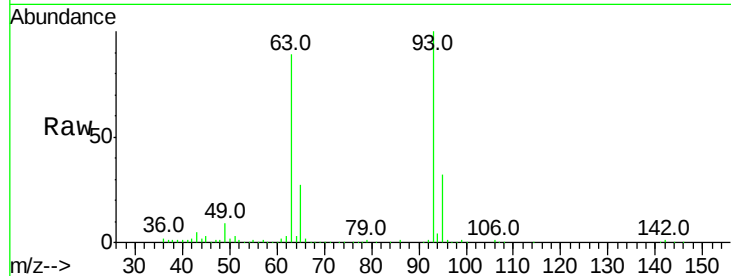
#11
bis(2-Chloroethyl)ether
Concen: 43.547 ng
RT: 6.17 min Scan# 746
Delta R.T. -0.07 min
Lab File: BF097392.D
Acq: 5 Aug 2017 12:53

Instrument :
BNA_F
ClientSampleId :
PB101266BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.3	59.2	99.2
95	32.0	12.8	52.8

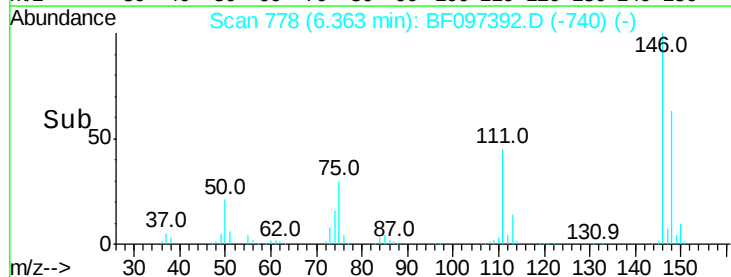
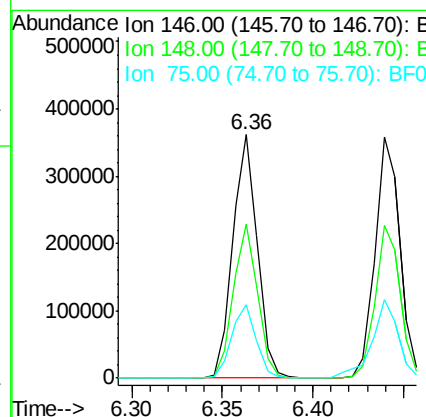
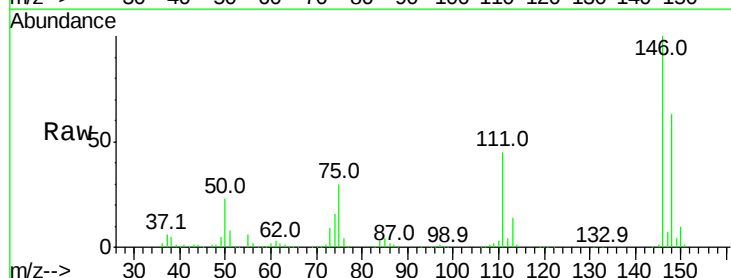
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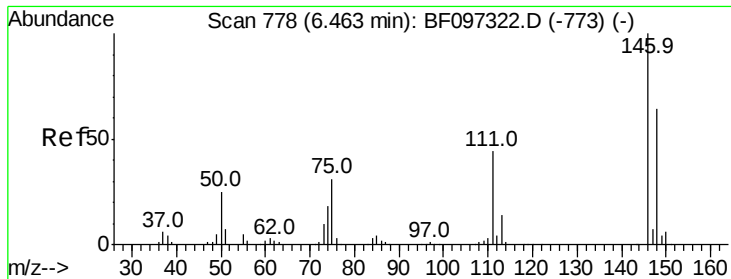
Sohil
8/7/2017 6:00:40 PM



#12
1,3-Dichlorobenzene
Concen: 39.354 ng
RT: 6.36 min Scan# 778
Delta R.T. -0.08 min
Lab File: BF097392.D
Acq: 5 Aug 2017 12:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.8	77.6
75	30.2	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 39.863 ng

RT: 6.44 min Scan# 791

Delta R.T. -0.08 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

Instrument :

BNA_F

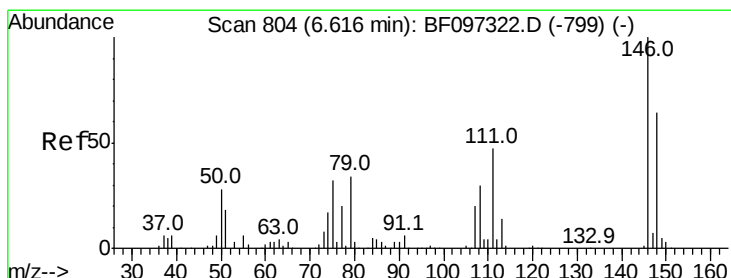
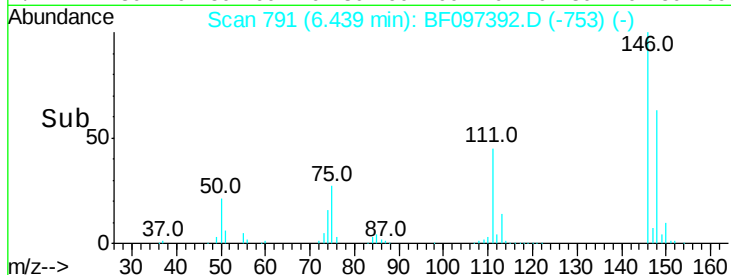
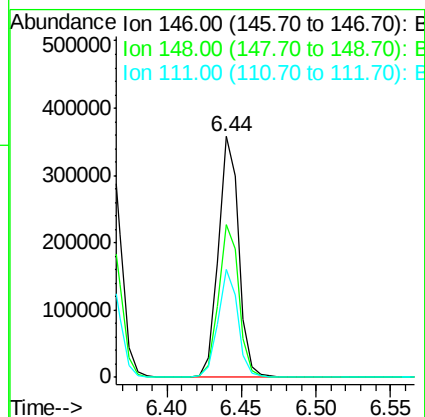
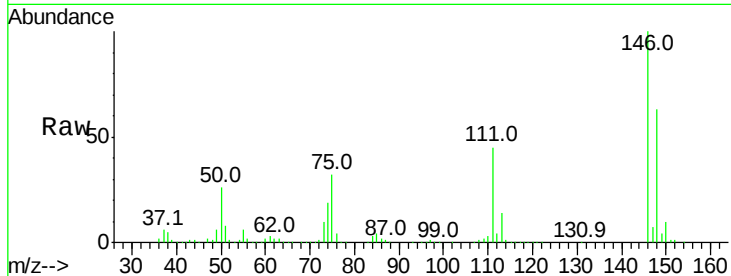
ClientSampleId :

PB101266BS

Tot Ion:	146	Resp:	341877
Ion Ratio	Lower	Upper	
146	100		
148	63.3	52.2	78.2
111	44.6	30.3	45.5

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#14

1,2-Dichlorobenzene

Concen: 37.248 ng

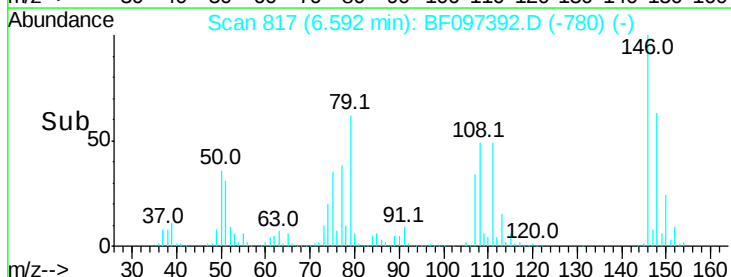
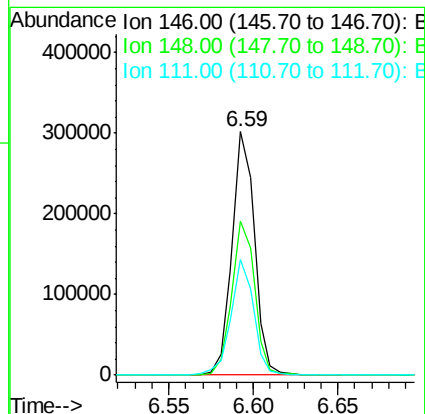
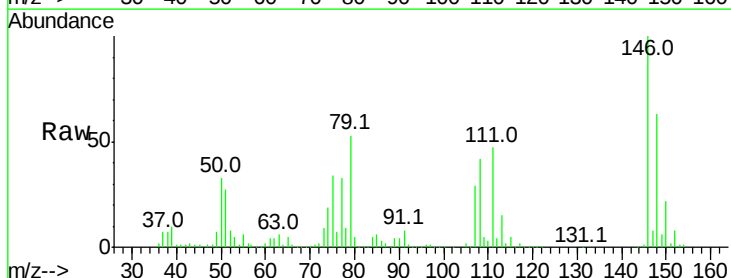
RT: 6.59 min Scan# 817

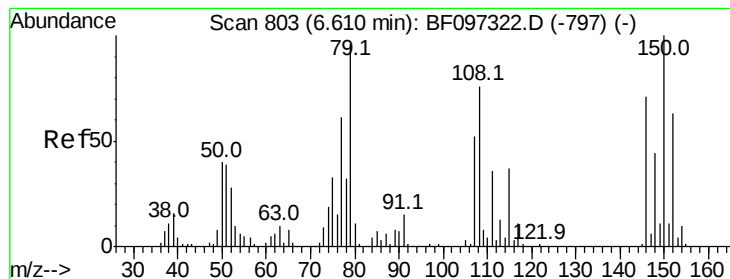
Delta R.T. -0.08 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

Tgt Ion:	146	Resp:	278927
Ion Ratio	Lower	Upper	
146	100		
148	63.2	50.4	75.6
111	47.4	38.2	57.4





#15

Benzyl Alcohol

Concen: 46.939 ng

RT: 6.60 min Scan# 818

Delta R.T. -0.06 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

Instrument :

BNA_F

ClientSampleId :

PB101266BS

Tot Ion: 79 Resp: 254792

Ion Ratio Lower Upper

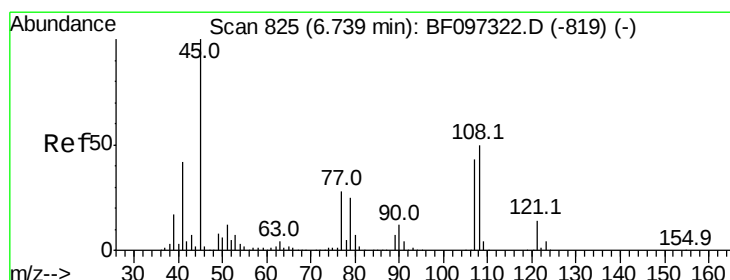
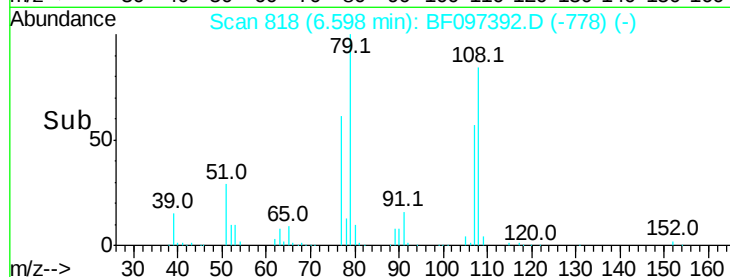
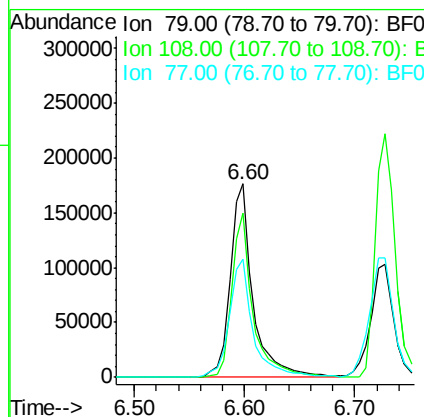
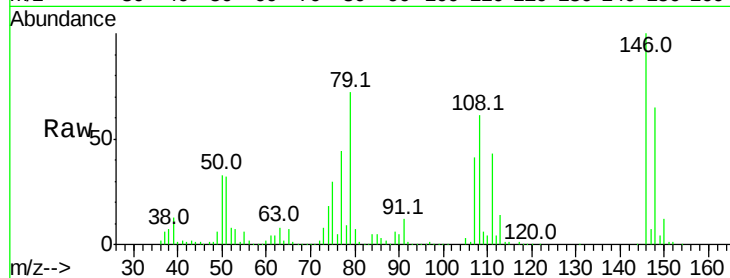
79 100

108 84.8 63.4 95.0

77 61.1 49.2 73.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.491 ng

RT: 6.72 min Scan# 838

Delta R.T. -0.08 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

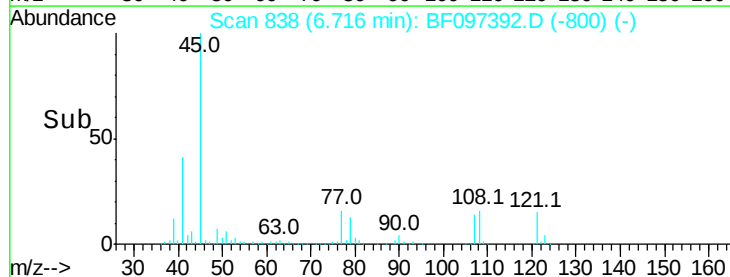
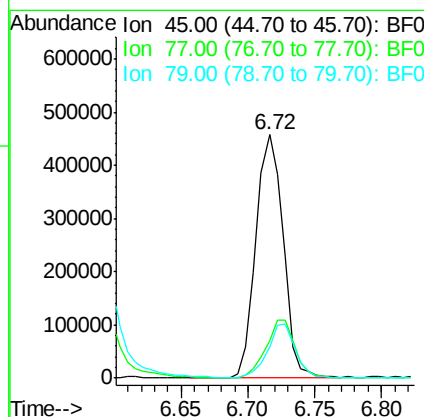
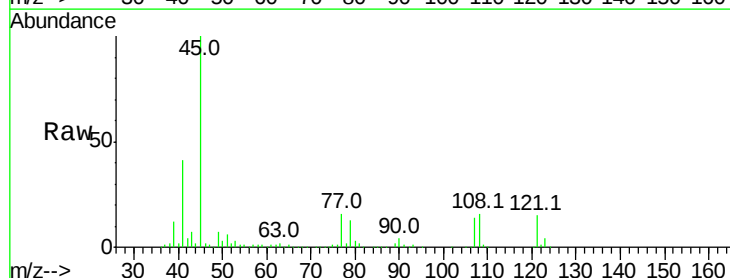
Tgt Ion: 45 Resp: 637078

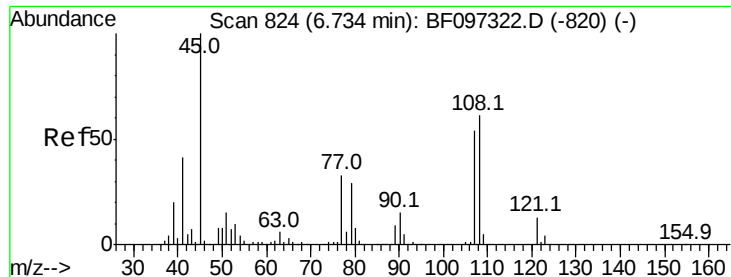
Ion Ratio Lower Upper

45 100

77 15.6 0.0 33.2

79 12.9 0.0 30.0





#17

2-Methylphenol

Concen: 40.808 ng

RT: 6.73 min Scan# 840

Delta R.T. -0.06 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

Instrument :

BNA_F

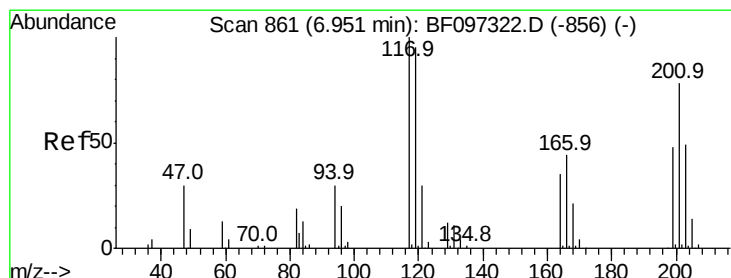
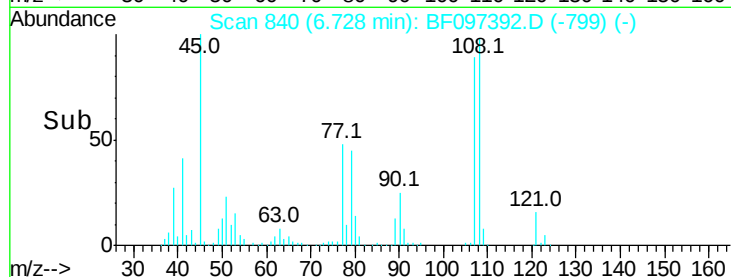
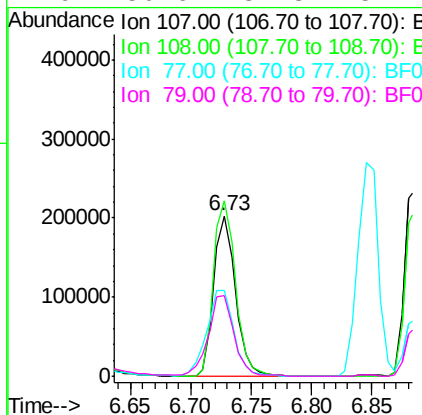
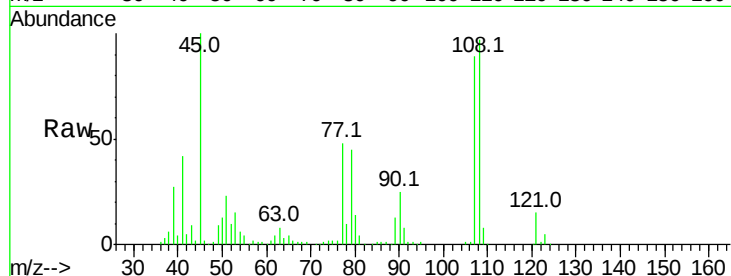
ClientSampleID :

PB101266BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.4	93.4	140.0	
77	53.8	35.8	53.6#	
79	50.6	34.8	52.2	

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#18

Hexachloroethane

Concen: 37.590 ng

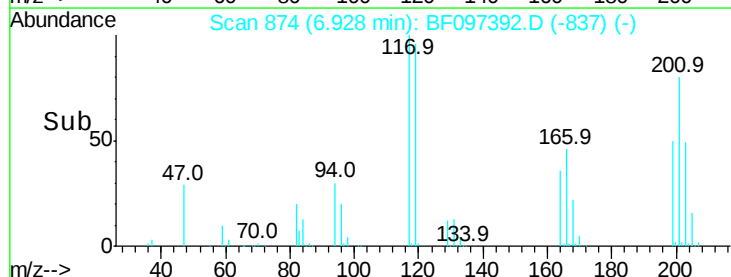
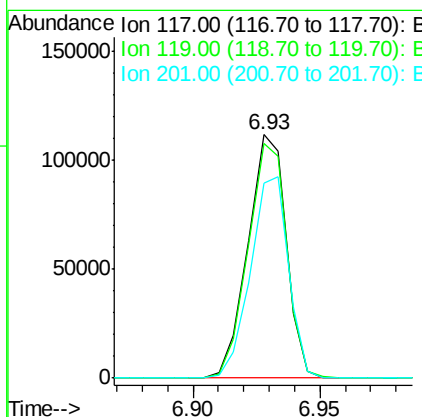
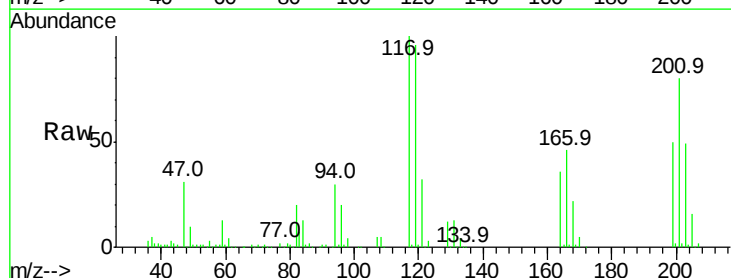
RT: 6.93 min Scan# 874

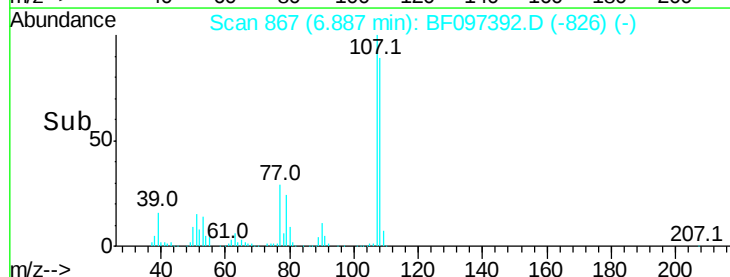
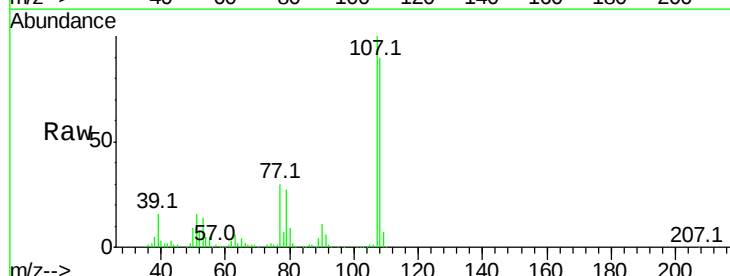
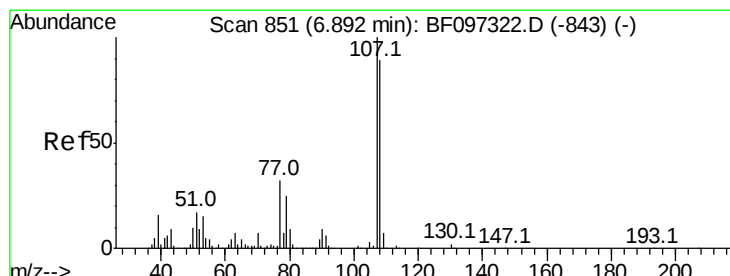
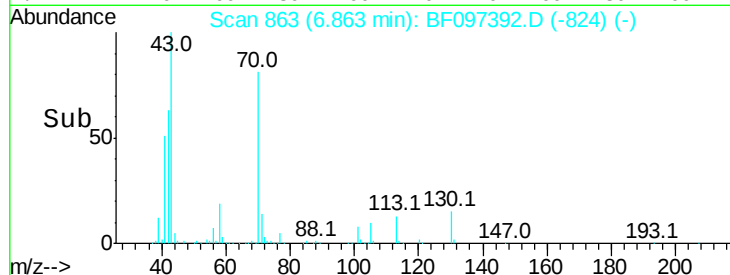
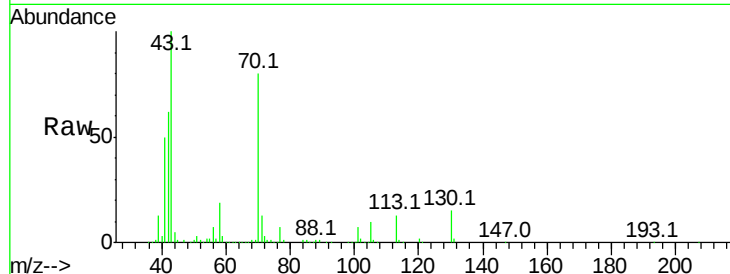
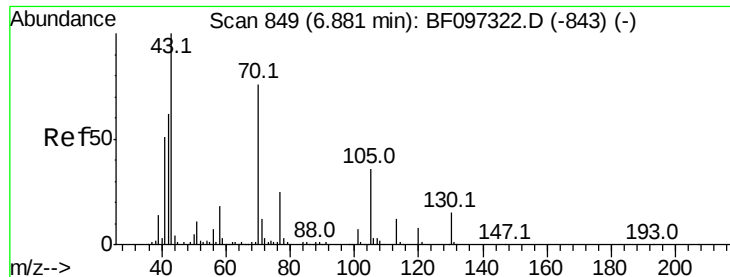
Delta R.T. -0.08 min

Lab File: BF097392.D

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Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.3	77.4	116.0	
201	79.9	94.6	141.8#	





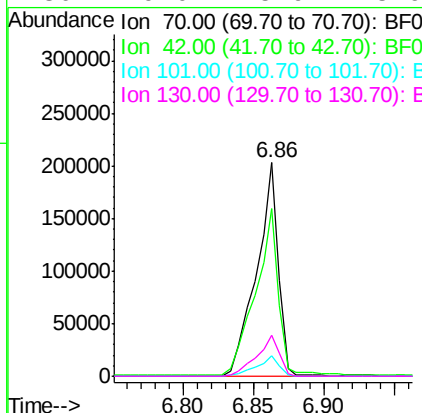
#19
n-Nitroso-di-n-propylamine
Concen: 39.656 ng
RT: 6.86 min Scan# 863
Delta R.T. -0.07 min
Lab File: BF097392.D
Acq: 5 Aug 2017 12:53

Instrument :
BNA_F
ClientSampleId :
PB101266BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	78.5	47.2	70.8#
101	9.4	7.2	10.8
130	19.0	15.9	23.9

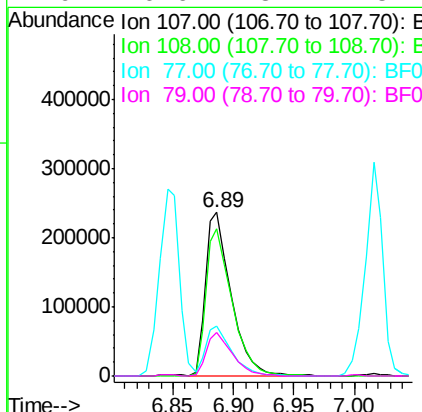
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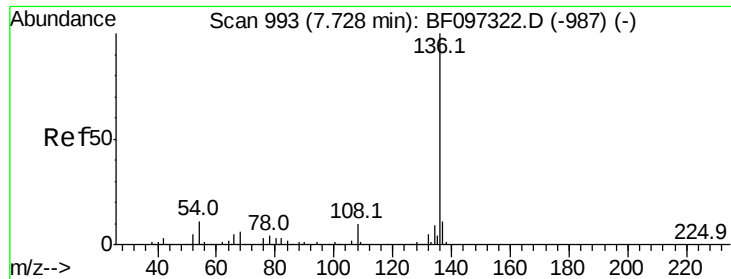
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#20
3+4-Methylphenols
Concen: 42.472 ng
RT: 6.89 min Scan# 867
Delta R.T. -0.06 min
Lab File: BF097392.D
Acq: 5 Aug 2017 12:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.1	71.0	111.0
77	30.5	90.5	130.5#
79	26.6	8.4	48.4





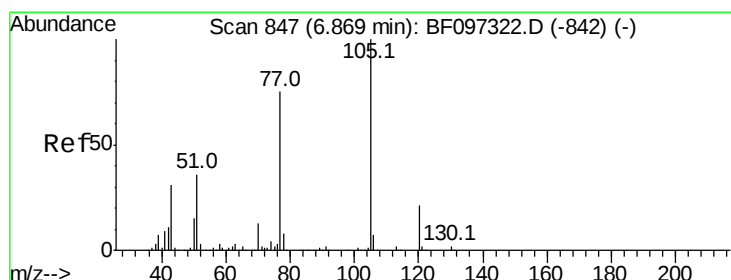
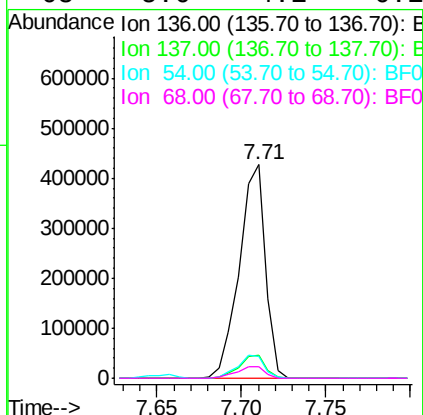
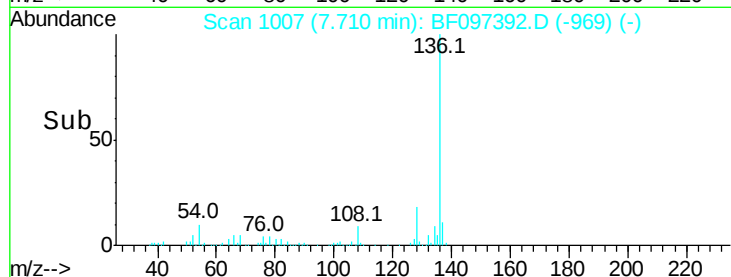
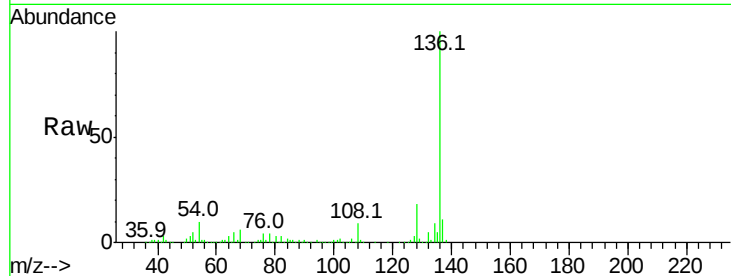
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.71 min Scan# 1007
Delta R.T. -0.08 min
Lab File: BF097392.D
Acq: 5 Aug 2017 12:53

Instrument :
BNA_F
ClientSampleId :
PB101266BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.5	12.7	
54	10.1	4.9	7.3#	
68	5.6	4.1	6.1	

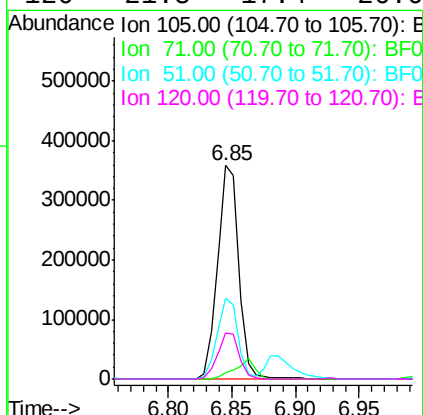
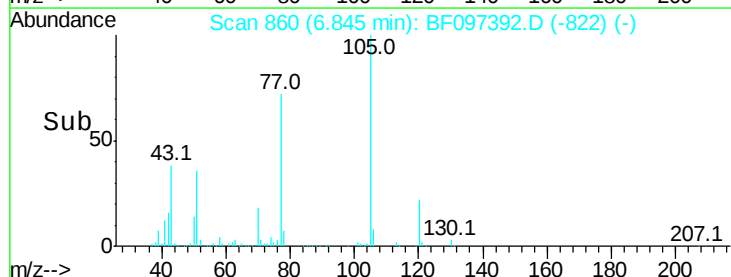
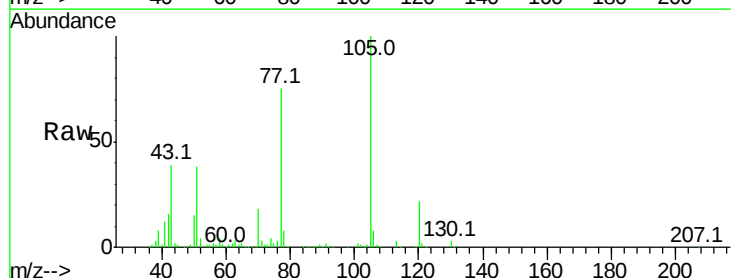
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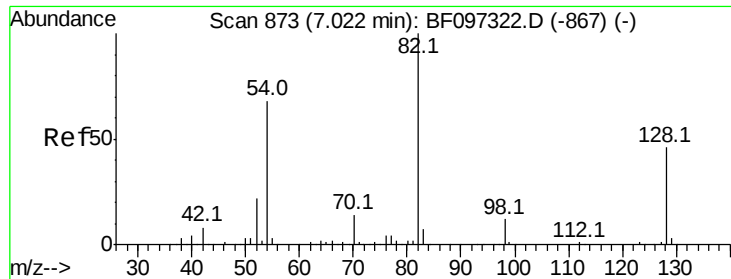
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#22
Acetophenone
Concen: 37.905 ng
RT: 6.85 min Scan# 860
Delta R.T. -0.08 min
Lab File: BF097392.D
Acq: 5 Aug 2017 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.1	2.8	4.2	
51	38.0	30.7	46.1	
120	21.8	17.4	26.0	





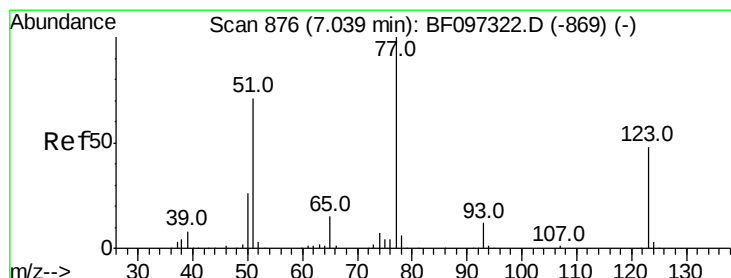
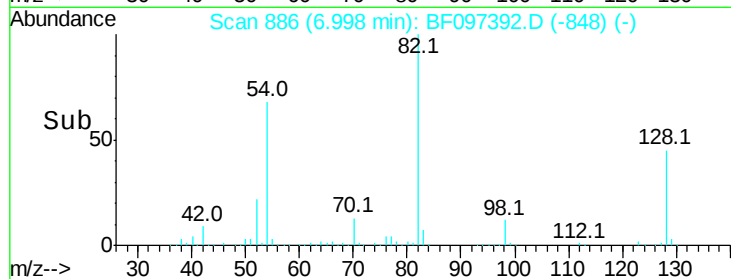
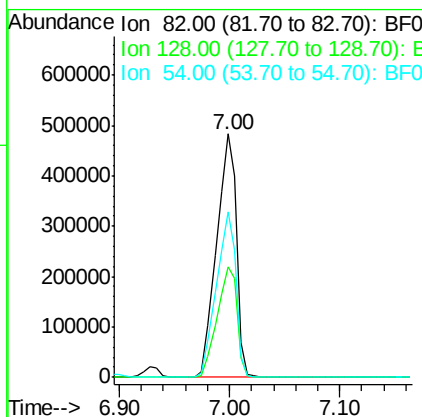
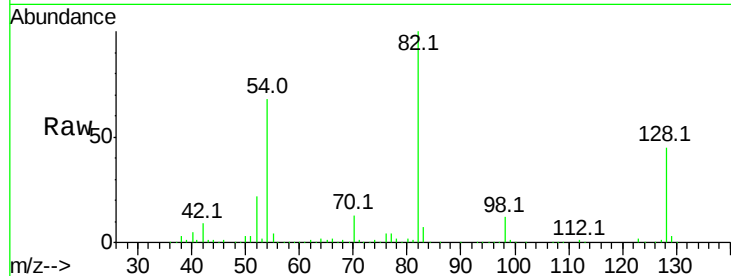
#23
 Nitrobenzene-d5
 Concen: 75.942 ng
 RT: 7.00 min Scan# 886
 Delta R.T. -0.08 min
 Lab File: BF097392.D
 Acq: 5 Aug 2017 12:53

Instrument :
 BNA_F
 ClientSampled :
 PB101266BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	599514		
128	45.4	34.0	51.0	
54	68.0	42.2	63.2	

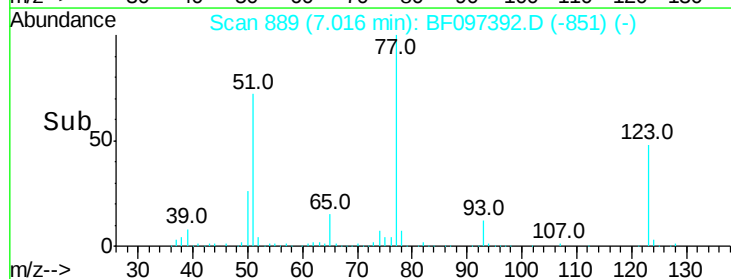
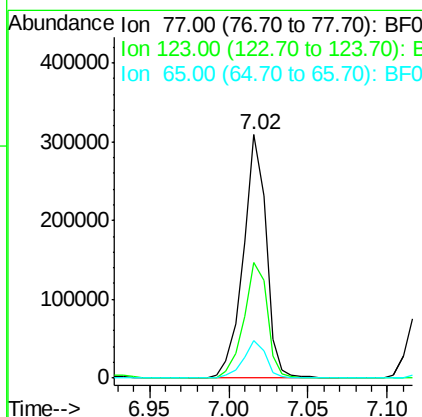
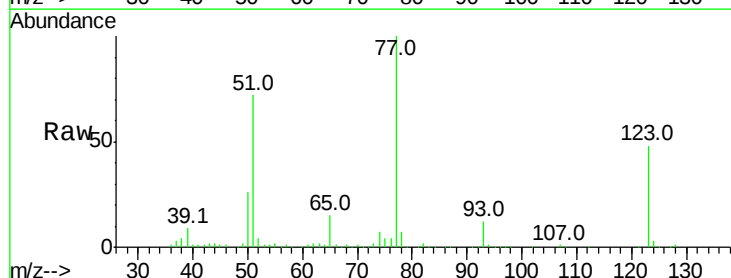
Manual Integrations
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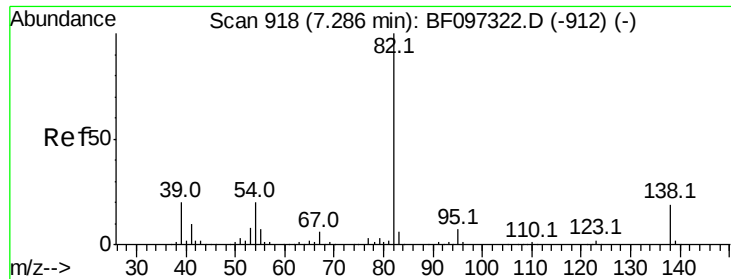
Sohil
 8/7/2017 6:00:40 PM



#24
 Nitrobenzene
 Concen: 37.372 ng
 RT: 7.02 min Scan# 889
 Delta R.T. -0.08 min
 Lab File: BF097392.D
 Acq: 5 Aug 2017 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	307264		
123	47.7	35.8	53.8	
65	15.5	10.6	15.8	





#25

Isophorone

Concen: 39.589 ng

RT: 7.26 min Scan# 931

Delta R.T. -0.08 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

Instrument :

BNA_F

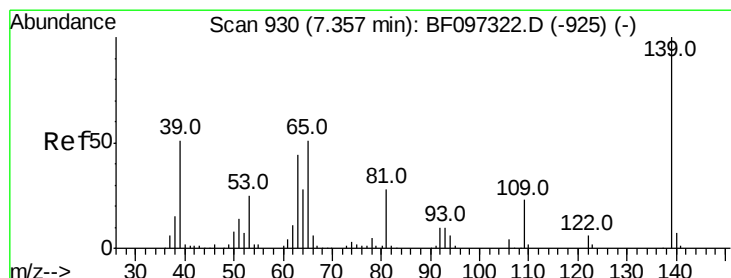
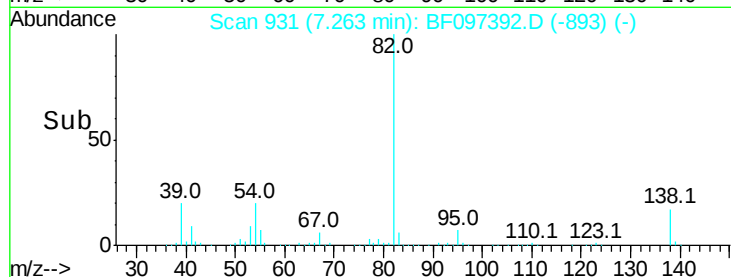
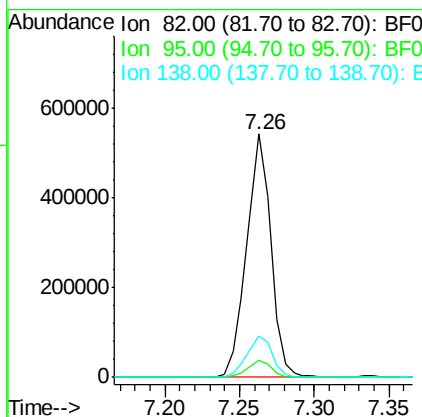
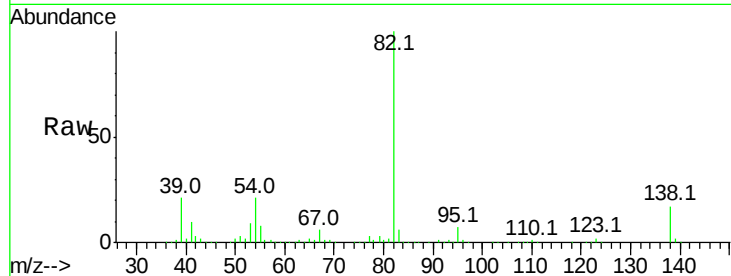
ClientSampleId :

PB101266BS

Tot Ion:	82	Resp:	612054
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.3	7.9
138	17.1	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 39.591 ng

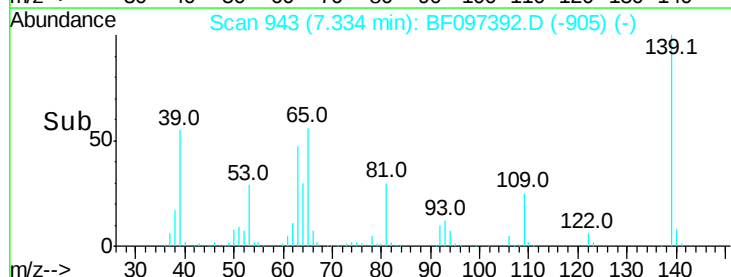
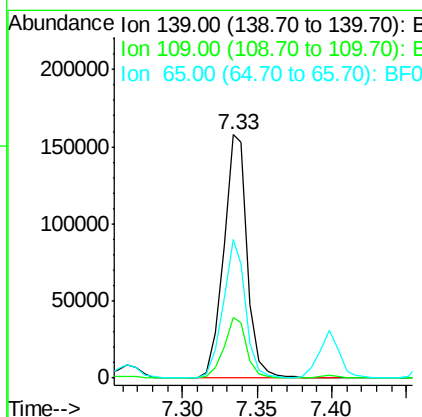
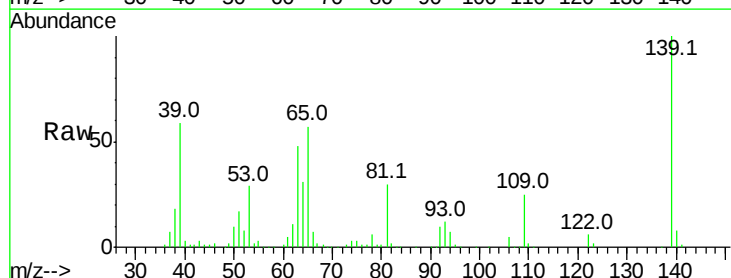
RT: 7.33 min Scan# 943

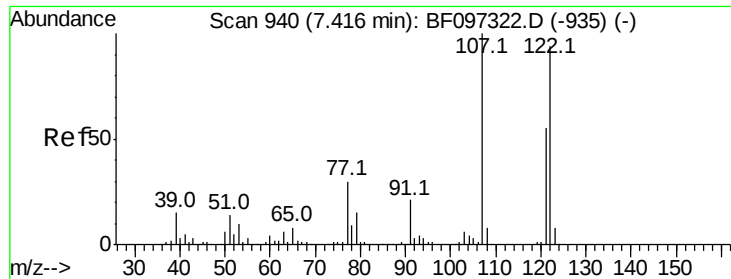
Delta R.T. -0.08 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

Tgt Ion:	139	Resp:	176105
Ion Ratio	Lower	Upper	
139	100		
109	24.7	21.0	31.6
65	56.8	33.0	49.6#





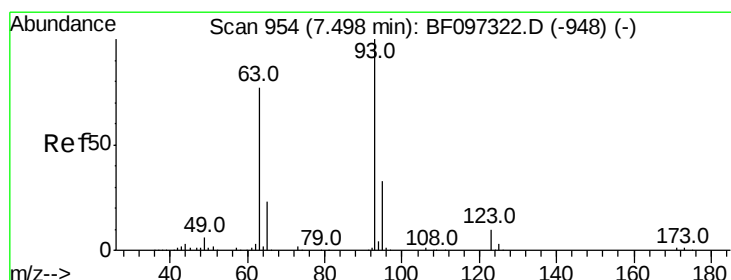
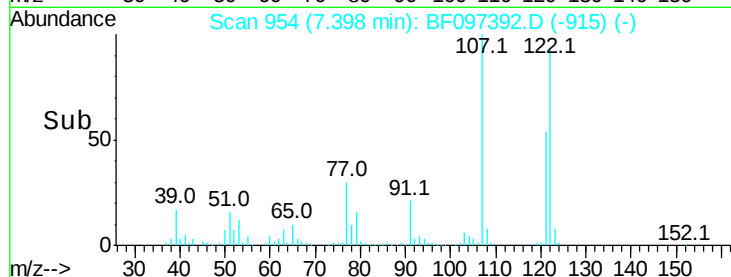
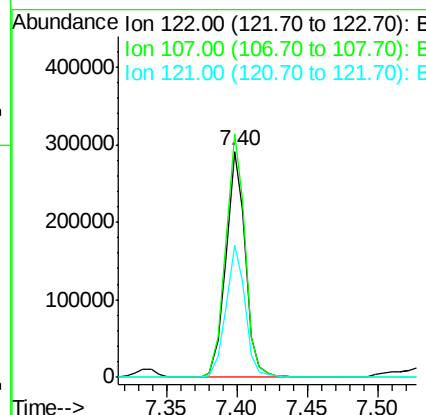
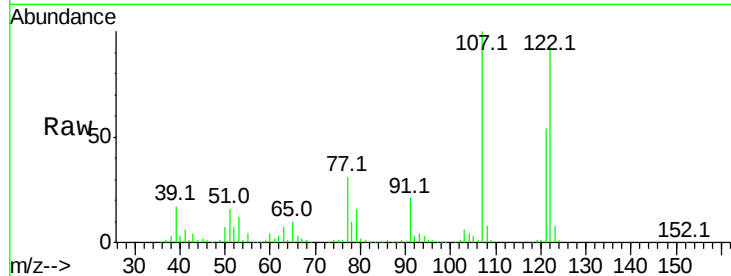
#27
2,4-Dimethylphenol
Concen: 38.073 ng
RT: 7.40 min Scan# 954
Delta R.T. -0.07 min
Lab File: BF097392.D
Acq: 5 Aug 2017 12:53

Instrument :
BNA_F
ClientSampleId :
PB101266BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	279366		
107	107.8	89.2	133.8	
121	58.6	45.2	67.8	

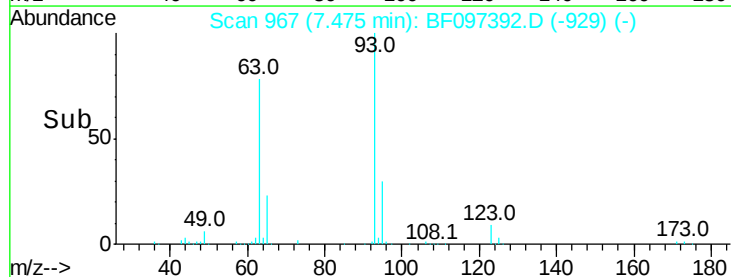
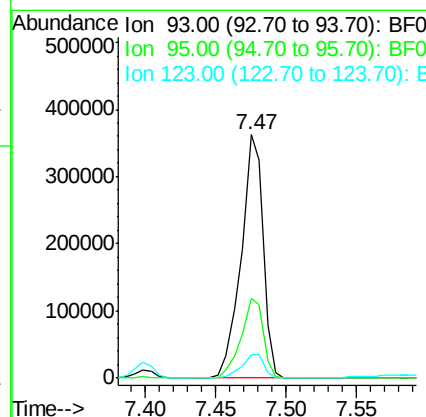
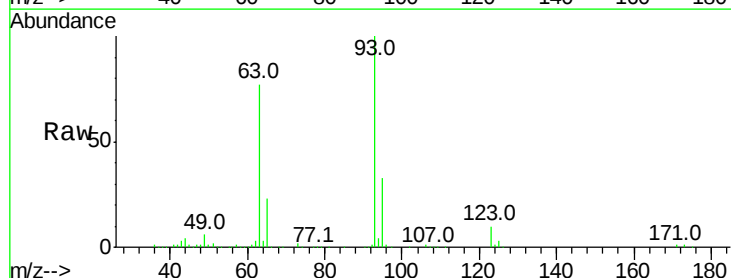
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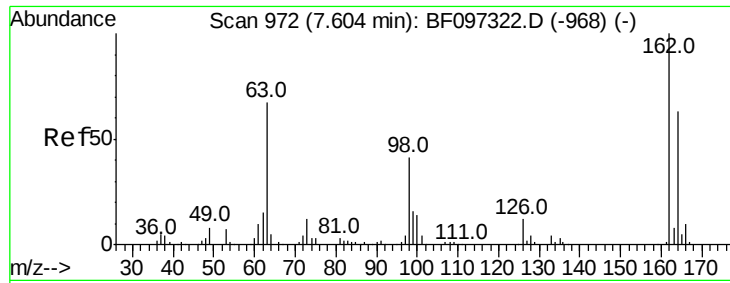
Sohil
8/7/2017 6:00:40 PM



#28
bis(2-Chloroethoxy)methane
Concen: 38.878 ng
RT: 7.47 min Scan# 967
Delta R.T. -0.08 min
Lab File: BF097392.D
Acq: 5 Aug 2017 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	392239		
95	32.6	26.5	39.7	
123	9.7	9.0	13.4	





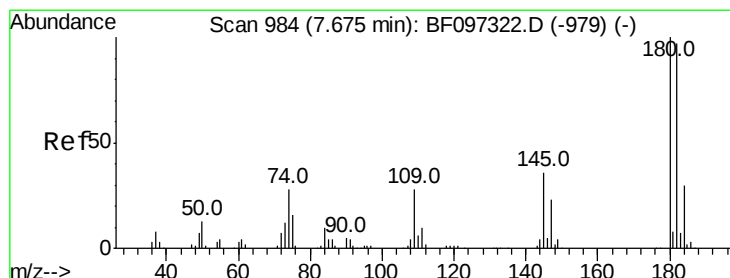
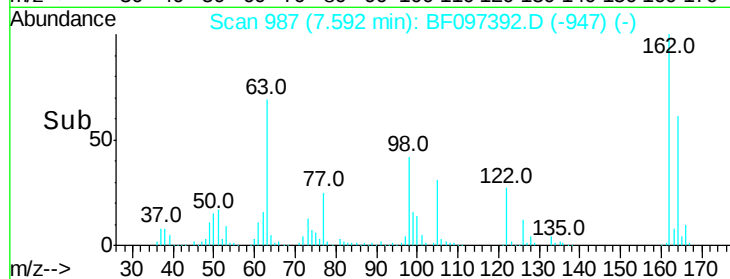
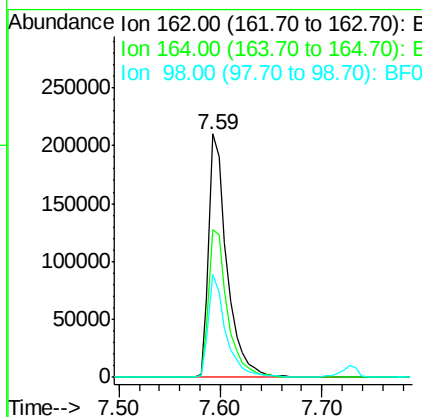
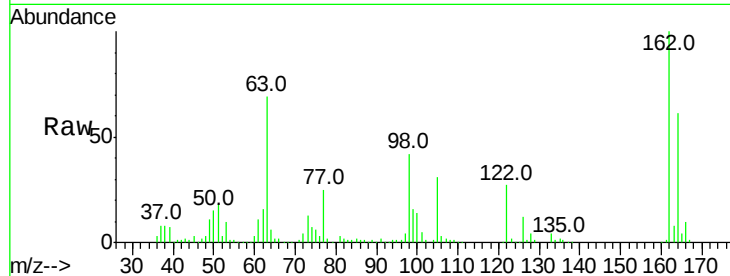
#29
2,4-Dichlorophenol
Concen: 41.448 ng
RT: 7.59 min Scan# 987
Delta R.T. -0.06 min
Lab File: BF097392.D
Acq: 5 Aug 2017 12:53

Instrument :
BNA_F
ClientSampleId :
PB101266BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	262001		
164	60.7	44.6	84.6	
98	42.0	14.8	54.8	

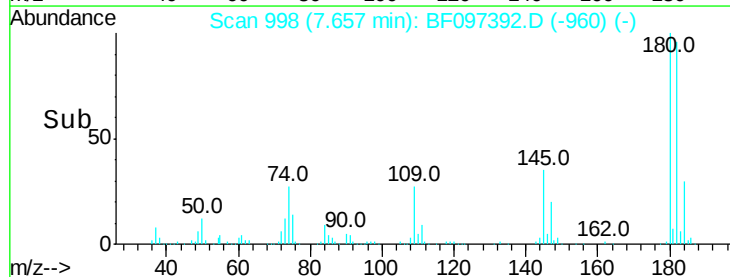
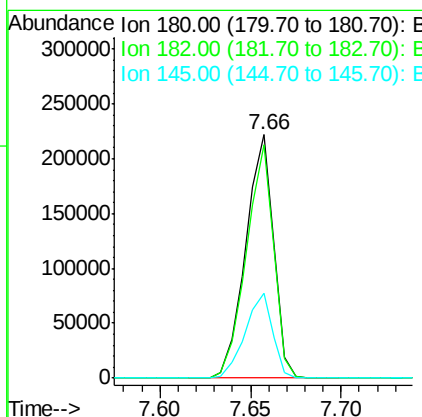
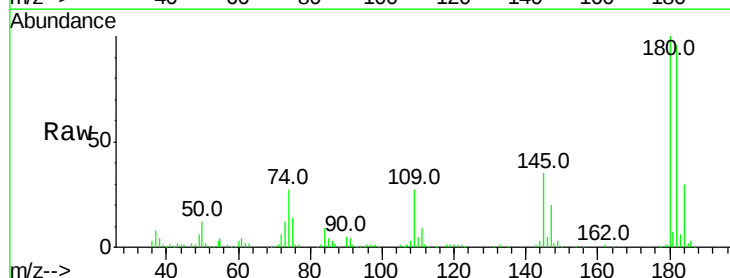
Manual Integrations
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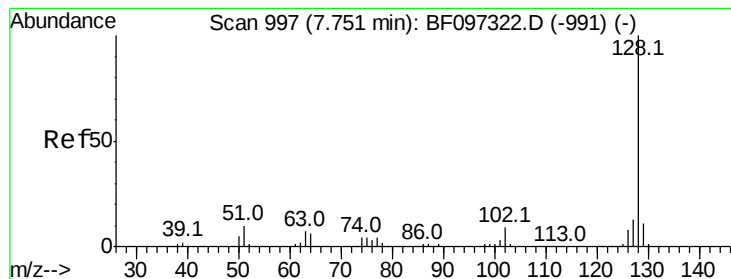
Sohil
8/7/2017 6:00:40 PM



#30
1,2,4-Trichlorobenzene
Concen: 39.308 ng
RT: 7.66 min Scan# 998
Delta R.T. -0.08 min
Lab File: BF097392.D
Acq: 5 Aug 2017 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	236843		
182	95.7	75.8	113.6	
145	34.7	25.3	37.9	





#31

Naphthalene

Concen: 39.938 ng

RT: 7.73 min Scan# 1010

Delta R.T. -0.08 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

Instrument :

BNA_F

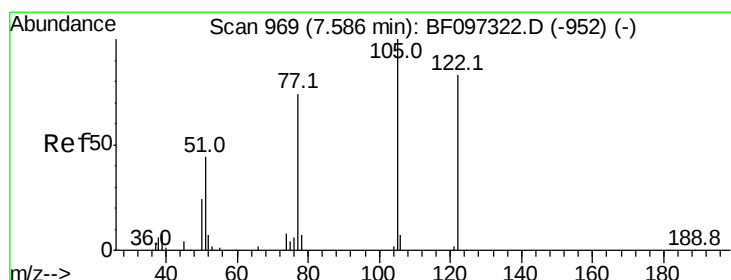
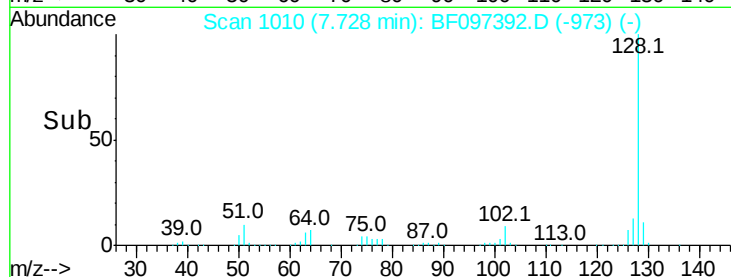
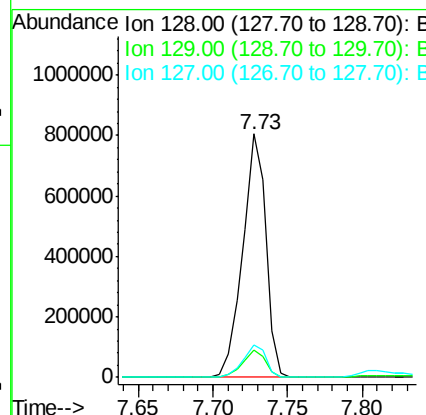
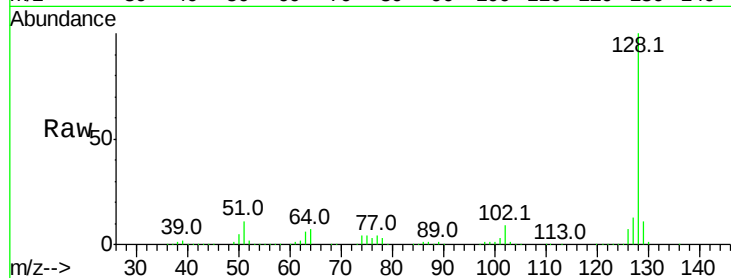
ClientSampleId :

PB101266BS

Tot Ion:128	Resp:	871871
Ion Ratio	Lower	Upper
128	100	
129	11.2	9.0 13.6
127	13.2	10.8 16.2

Manual Integrations
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#32

Benzoic acid

Concen: 36.938 ng

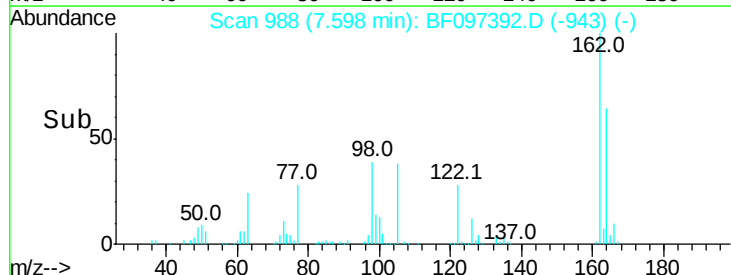
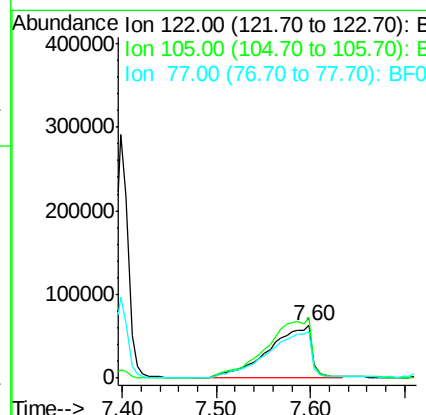
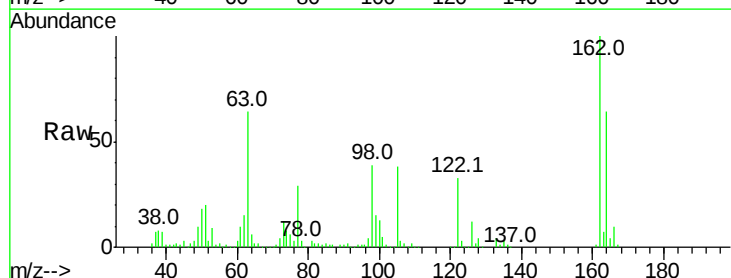
RT: 7.60 min Scan# 988

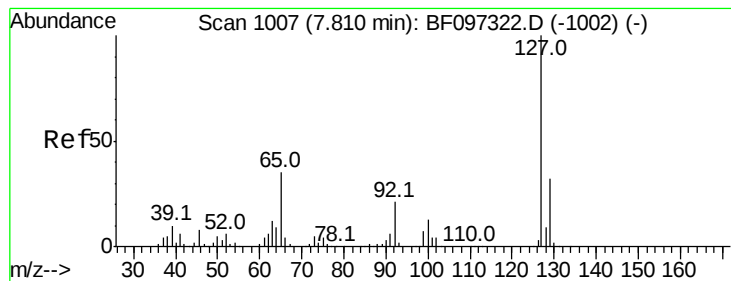
Delta R.T. -0.04 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

Tgt Ion:122	Resp:	202390
Ion Ratio	Lower	Upper
122	100	
105	116.2	103.3 143.3
77	88.9	73.7 113.7





#33

4-Chloroaniline

Concen: 8.271 ng

RT: 7.80 min Scan# 1023

Delta R.T. -0.06 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

Instrument :

BNA_F

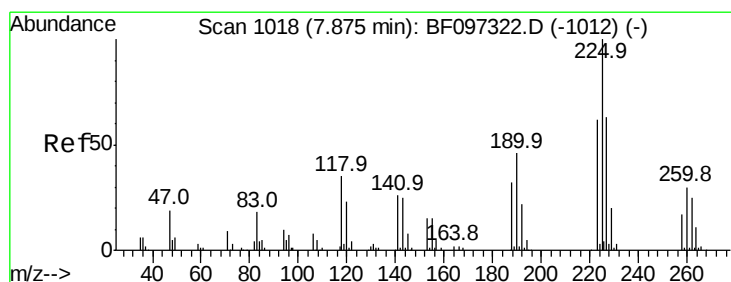
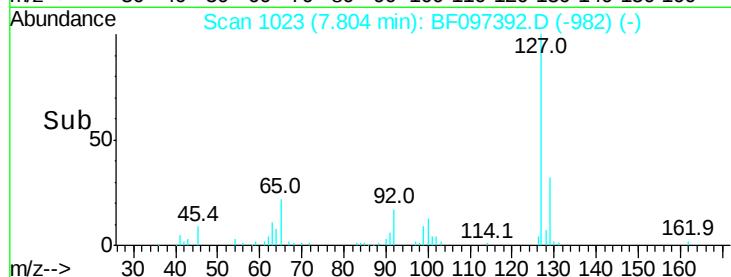
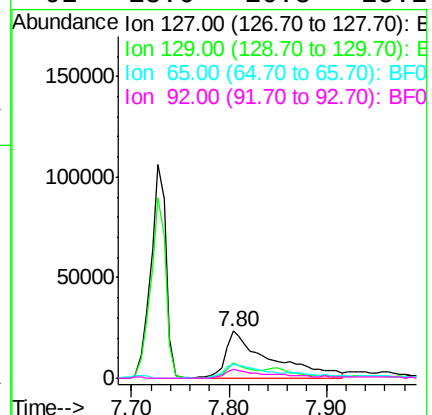
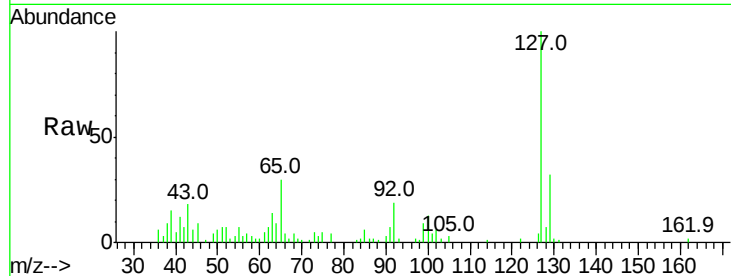
ClientSampleId :

PB101266BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.2
65	30.5	27.8	41.8
92	18.6	16.8	25.2

Manual Integrations
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#34

Hexachlorobutadiene

Concen: 37.843 ng

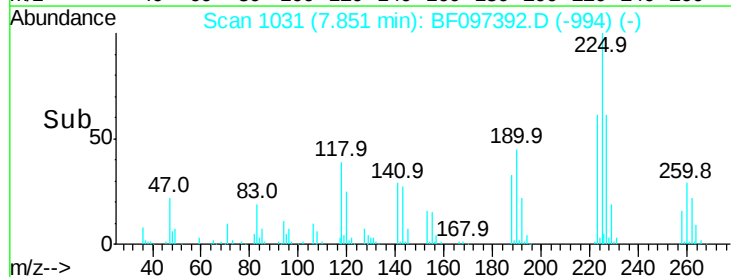
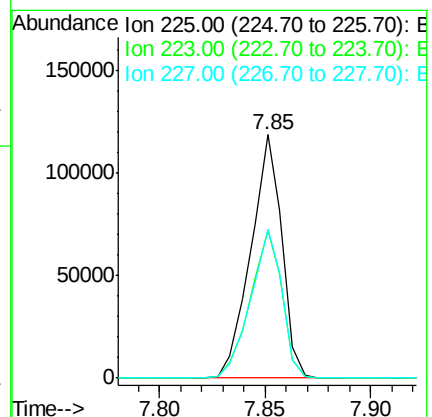
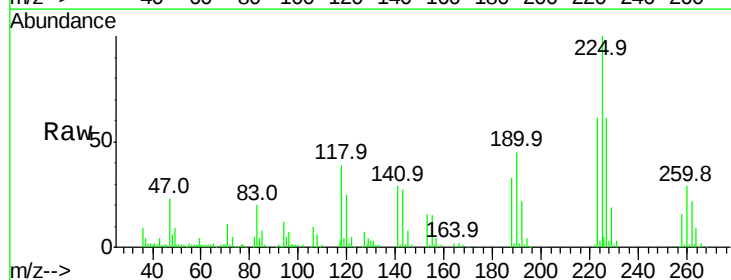
RT: 7.85 min Scan# 1031

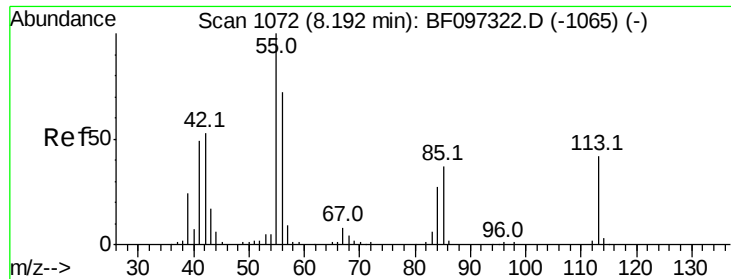
Delta R.T. -0.08 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.6	48.8	73.2
227	61.3	51.1	76.7





#35

Caprolactam

Concen: 44.072 ng/ml

RT: 8.20 min Scan# 1091

Delta R.T. -0.05 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

Instrument :

BNA_F

ClientSampleId :

PB101266BS

Tot Ion:113 Resp: 89332

Ion Ratio Lower Upper

113 100

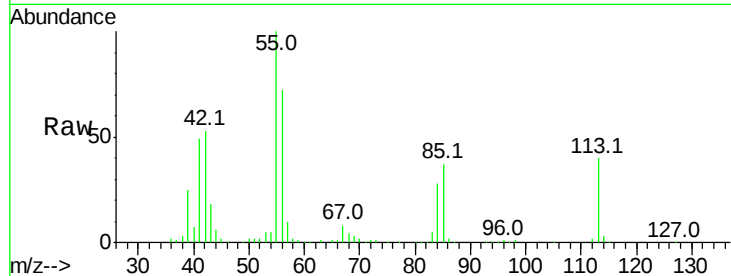
55 251.5 150.2 190.2#

56 180.6 107.8 147.8#

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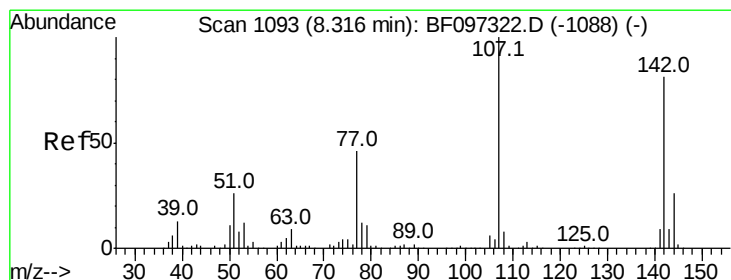
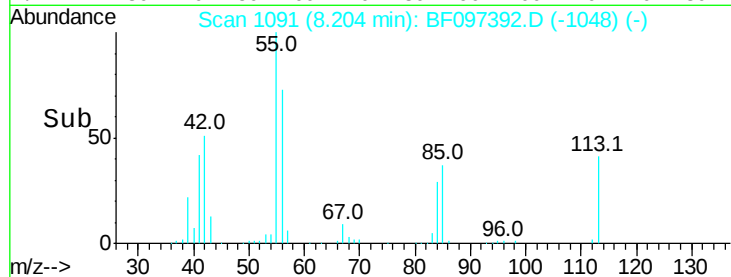
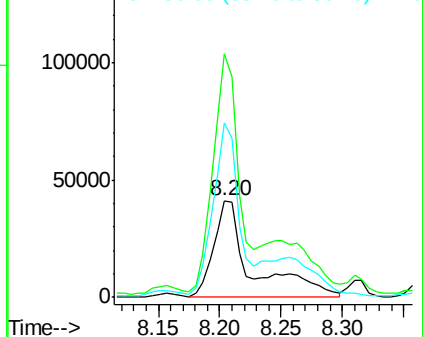
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.212 ng/ml

RT: 8.31 min Scan# 1109

Delta R.T. -0.06 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

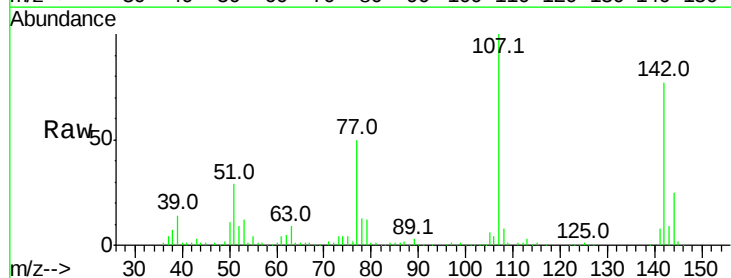
Tgt Ion:107 Resp: 270415

Ion Ratio Lower Upper

107 100

144 24.6 24.2 36.4

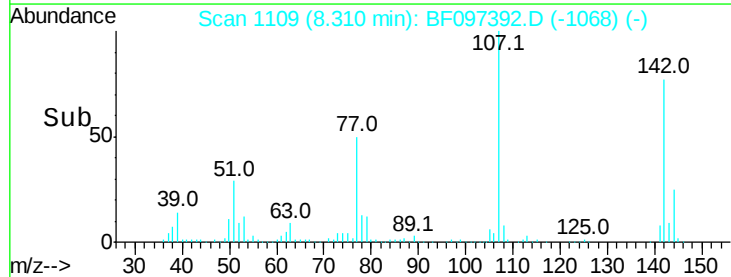
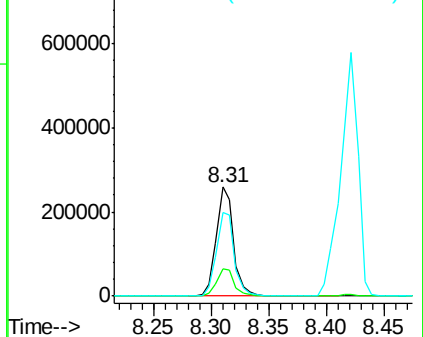
142 77.4 73.4 110.0

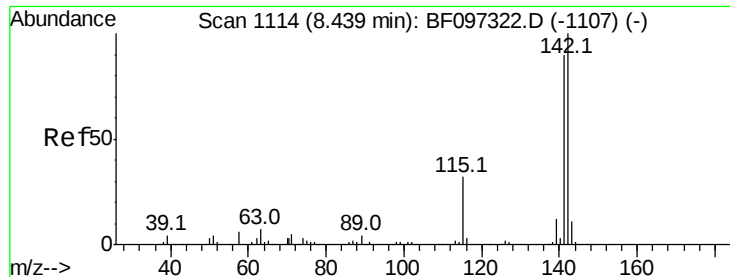


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





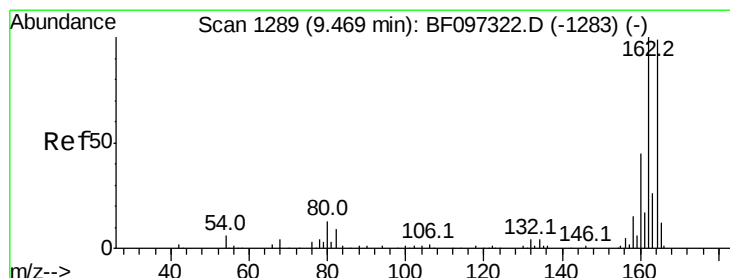
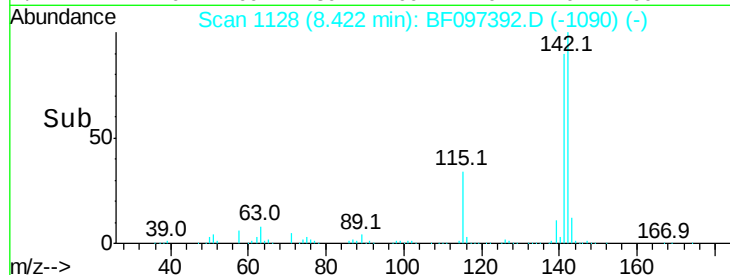
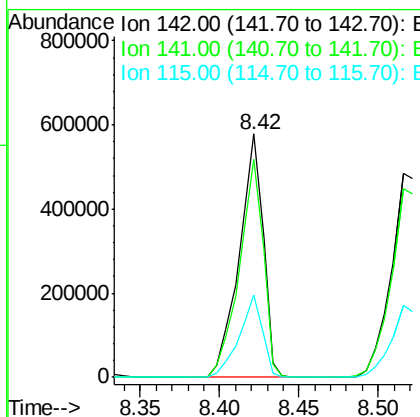
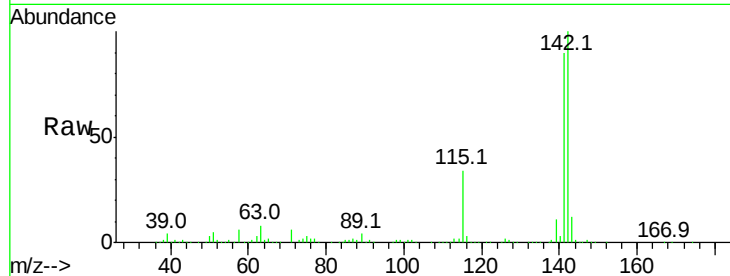
#37
2-Methylnaphthalene
Concen: 43.915 ng
RT: 8.42 min Scan# 1128
Delta R.T. -0.08 min
Lab File: BF097392.D
Acq: 5 Aug 2017 12:53

Instrument :
BNA_F
ClientSampleId :
PB101266BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	606997		
141	89.8		71.3	106.9
115	33.8		27.1	40.7

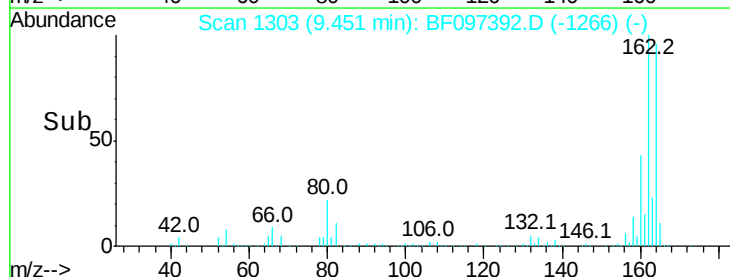
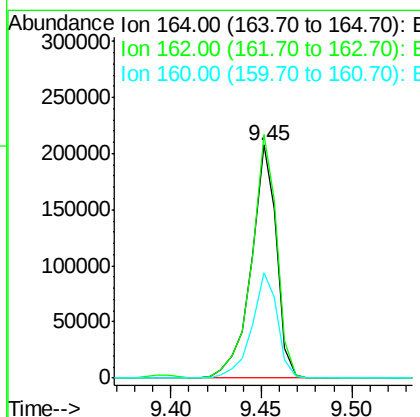
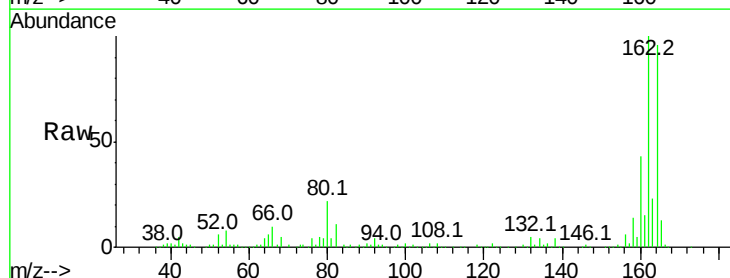
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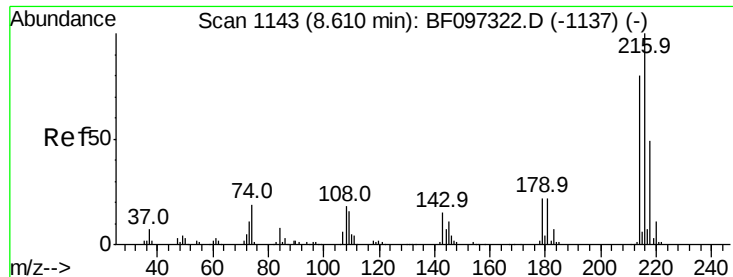
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.45 min Scan# 1303
Delta R.T. -0.08 min
Lab File: BF097392.D
Acq: 5 Aug 2017 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	200349		
162	104.4		82.6	123.8
160	45.1		36.2	54.2





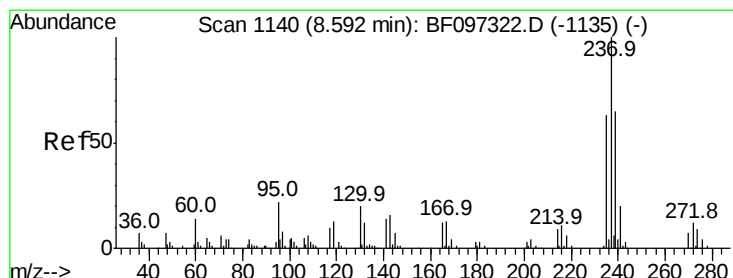
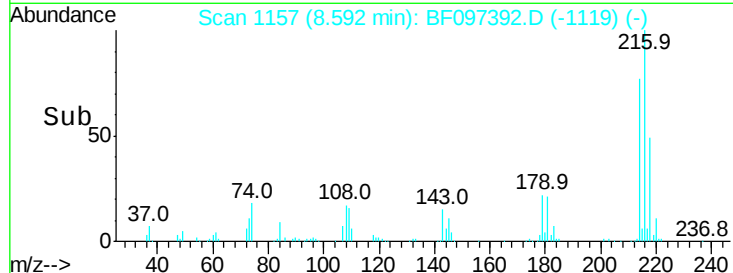
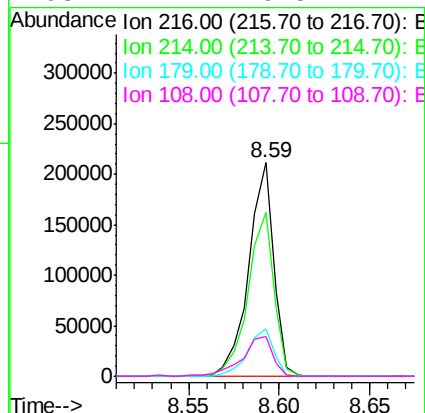
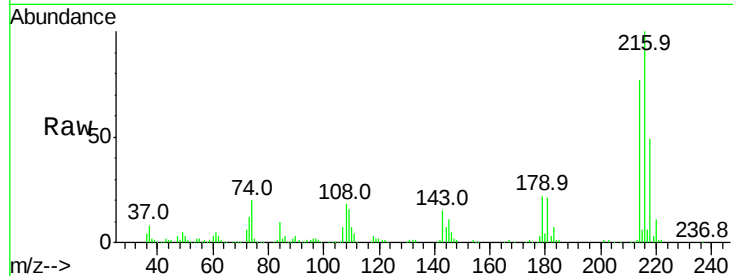
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.001 ng
 RT: 8.59 min Scan# 1157
 Delta R.T. -0.08 min
 Lab File: BF097392.D
 Acq: 5 Aug 2017 12:53

Instrument :
 BNA_F
 ClientSampleId :
 PB101266BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	203146		
214	79.4	63.4	95.2	
179	23.0	17.9	26.9	
108	22.7	16.5	24.7	

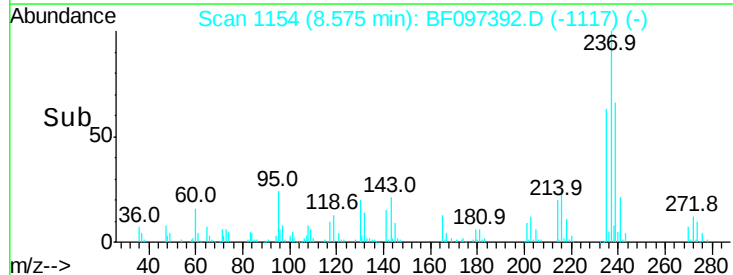
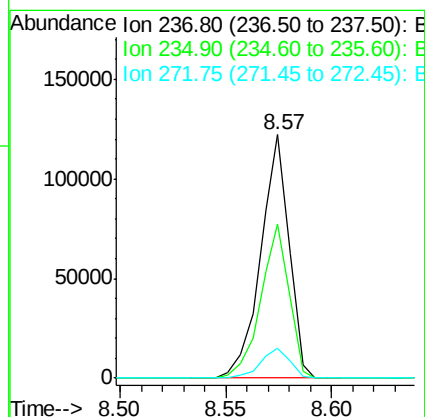
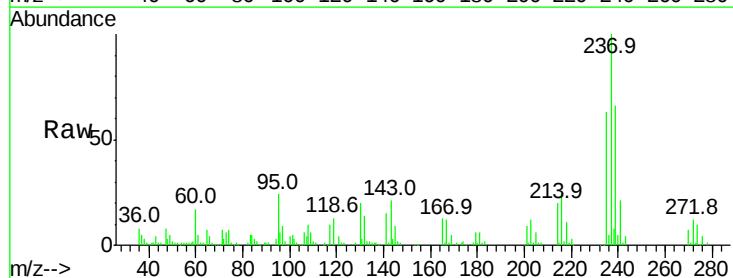
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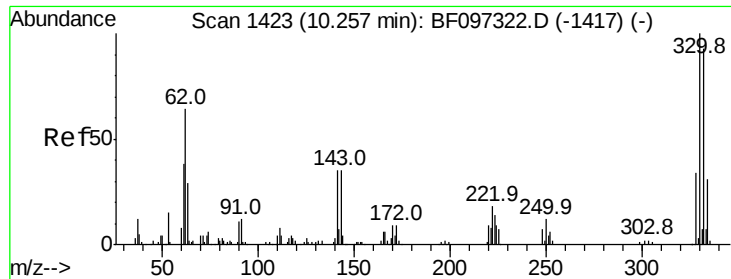
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#40
 Hexachlorocyclopentadiene
 Concen: 62.650 ng
 RT: 8.57 min Scan# 1154
 Delta R.T. -0.08 min
 Lab File: BF097392.D
 Acq: 5 Aug 2017 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	114204		
235	63.5	42.6	82.6	
272	12.2	0.0	31.9	





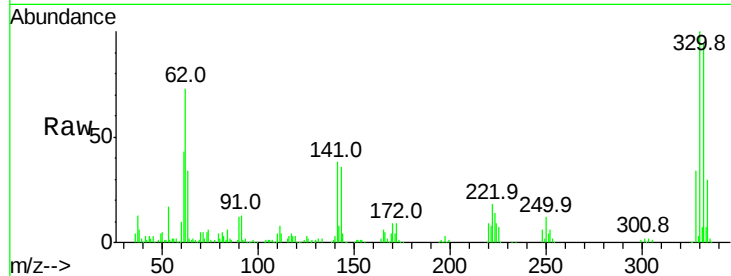
#41
 2,4,6-Tribromophenol
 Concen: 119.874 ng
 RT: 10.25 min Scan# 1438
 Delta R.T. -0.08 min
 Lab File: BF097392.D
 Acq: 5 Aug 2017 12:53

Instrument :
 BNA_F
 ClientSampleId :
 PB101266BS

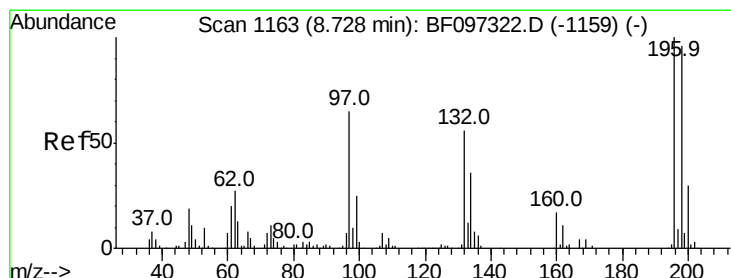
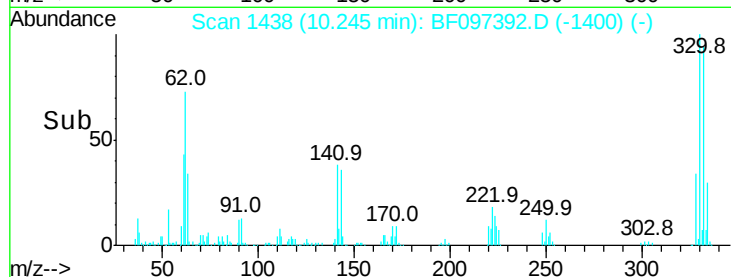
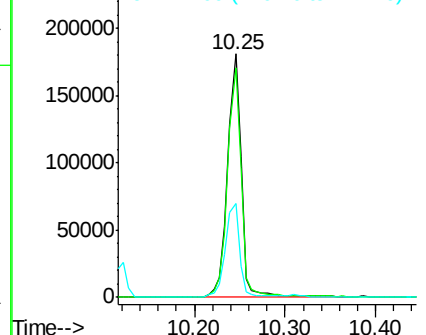
Tot Ion	Ratio	Resp	Lower	Upper
330	100	189754		
332	93.5	76.6	115.0	
141	40.2	31.4	47.2	

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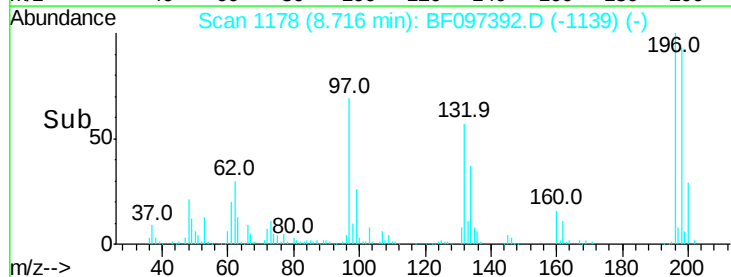
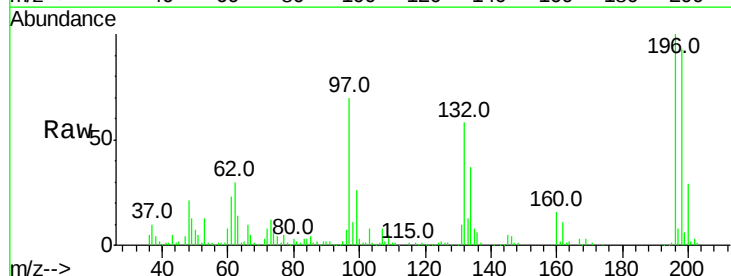
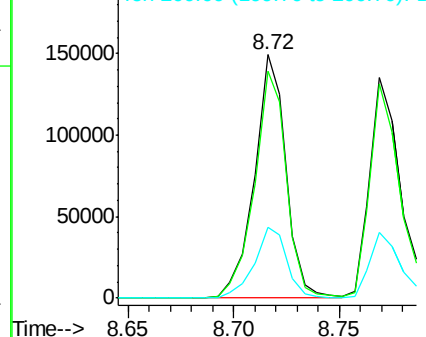
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

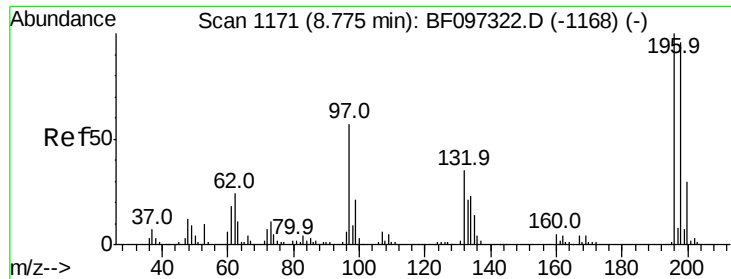


#42
 2,4,6-Trichlorophenol
 Concen: 40.059 ng
 RT: 8.72 min Scan# 1178
 Delta R.T. -0.07 min
 Lab File: BF097392.D
 Acq: 5 Aug 2017 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	155186		
198	93.2	74.2	111.4	
200	29.2	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





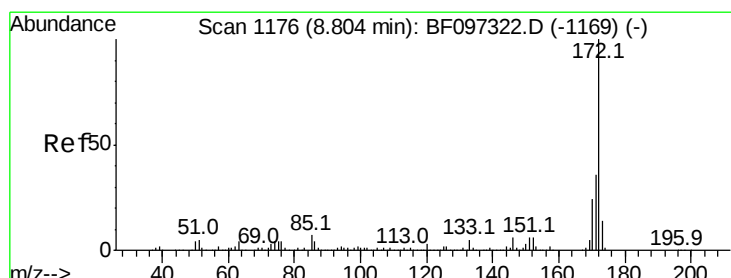
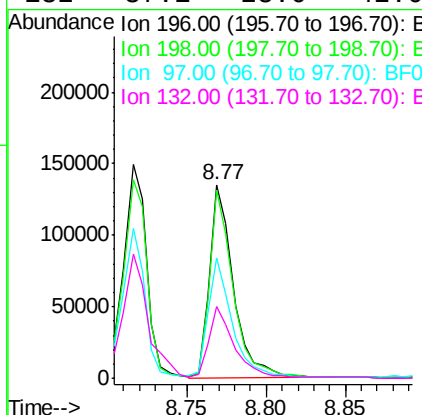
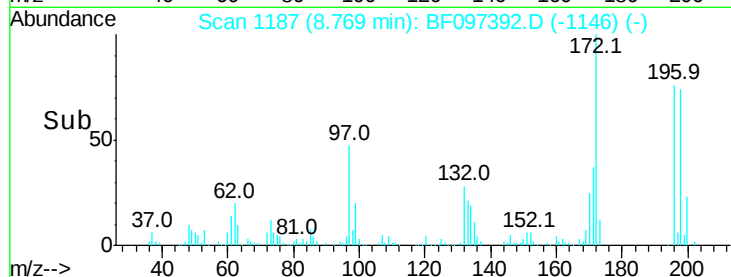
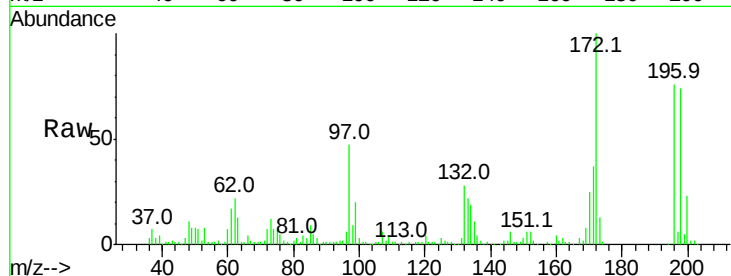
#43
 2,4,5-Trichlorophenol
 Concen: 36.658 ng
 RT: 8.77 min Scan# 1187
 Delta R.T. -0.06 min
 Lab File: BF097392.D
 Acq: 5 Aug 2017 12:53

Instrument :
 BNA_F
 ClientSampleId :
 PB101266BS

Tot Ion	196	Resp	142144
Ion Ratio	Lower	Upper	
196	100		
198	96.9	75.7	113.5
97	62.2	47.7	71.5
132	37.1	28.0	42.0

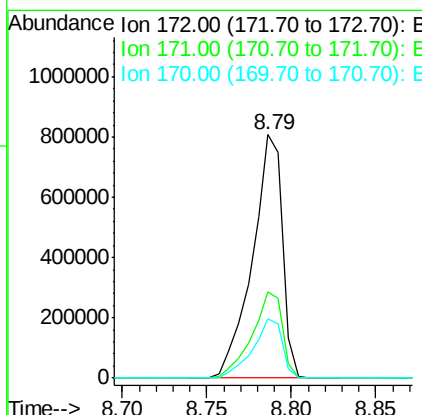
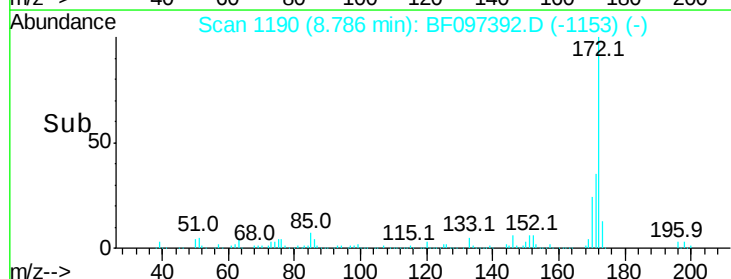
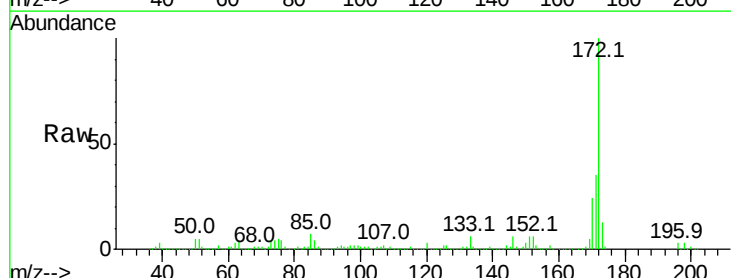
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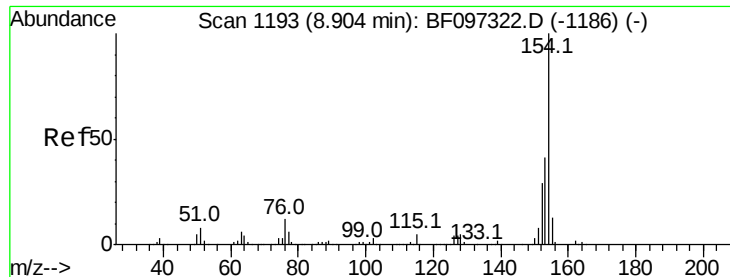
Sohil
 8/7/2017 6:00:40 PM



#44
 2-Fluorobiphenyl
 Concen: 84.408 ng
 RT: 8.79 min Scan# 1190
 Delta R.T. -0.08 min
 Lab File: BF097392.D
 Acq: 5 Aug 2017 12:53

Tgt Ion	172	Resp	996468
Ion Ratio	Lower	Upper	
172	100		
171	35.4	29.6	44.4
170	24.4	19.8	29.8





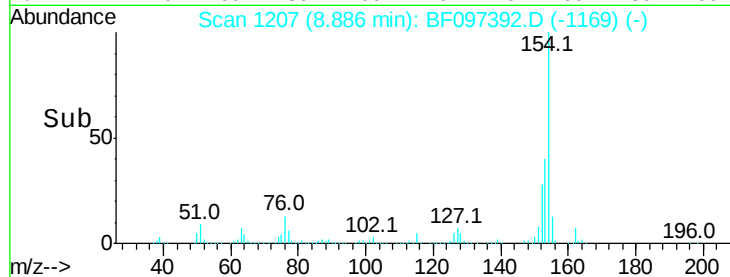
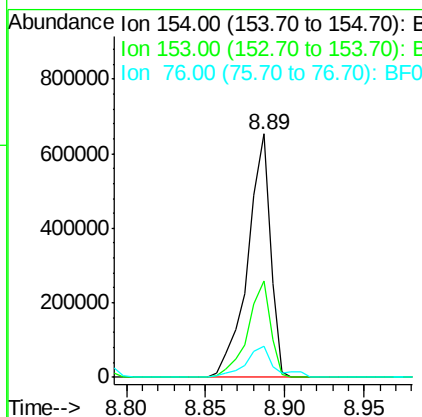
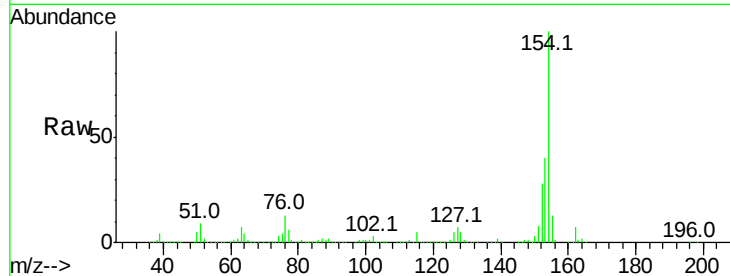
#45
 1,1'-Biphenyl
 Concen: 37.940 ng
 RT: 8.89 min Scan# 1207
 Delta R.T. -0.08 min
 Lab File: BF097392.D
 Acq: 5 Aug 2017 12:53

Instrument :
 BNA_F
 ClientSampleId :
 PB101266BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	39.8	21.2	61.2	
76	13.0	0.0	29.9	

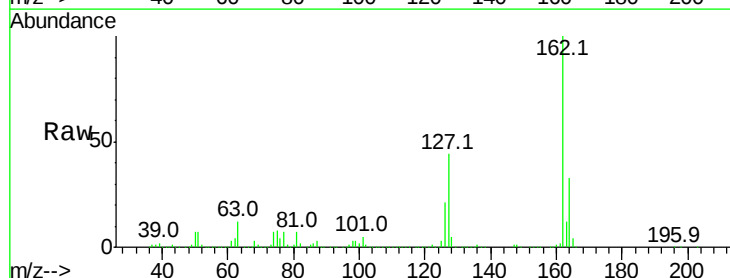
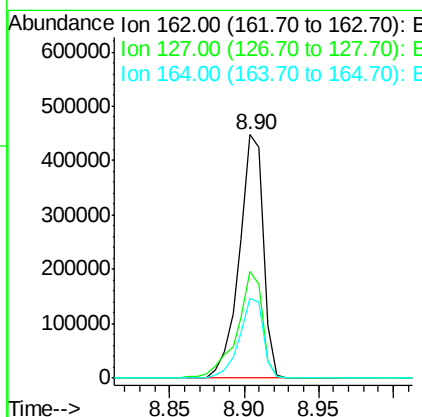
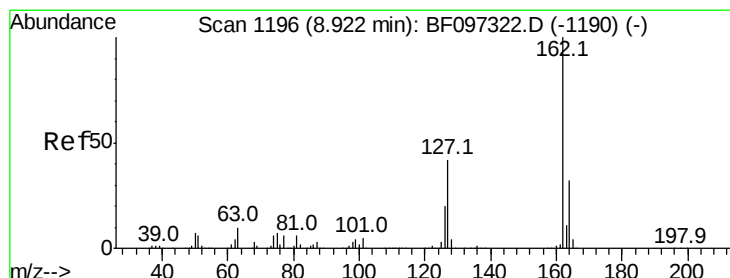
Manual Integrations
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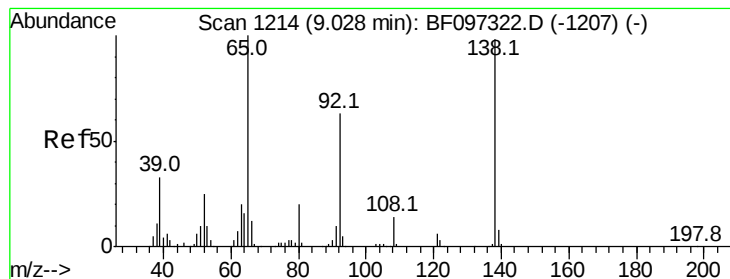
Sohil
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#46
 2-Chloronaphthalene
 Concen: 39.683 ng
 RT: 8.90 min Scan# 1210
 Delta R.T. -0.08 min
 Lab File: BF097392.D
 Acq: 5 Aug 2017 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	44.0	28.3	42.5#	
164	32.9	27.0	40.4	





#47

2-Nitroaniline

Concen: 43.192 ng

RT: 9.02 min Scan# 1230

Delta R.T. -0.06 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

Instrument :

BNA_F

ClientSampled :

PB101266BS

Tot Ion: 65 Resp: 197395

Ion Ratio Lower Upper

65 100

92 66.5 53.9 80.9

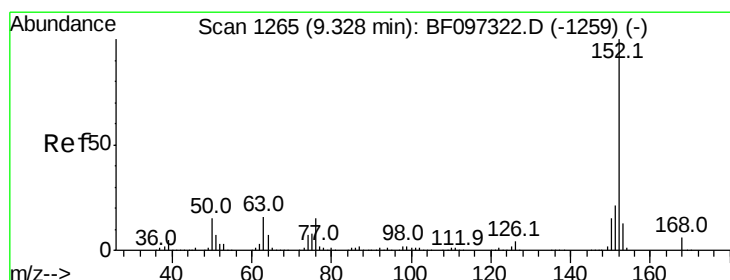
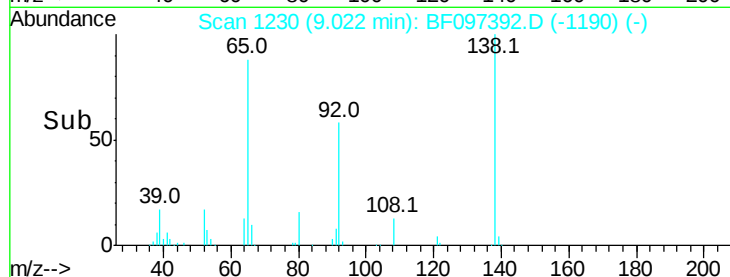
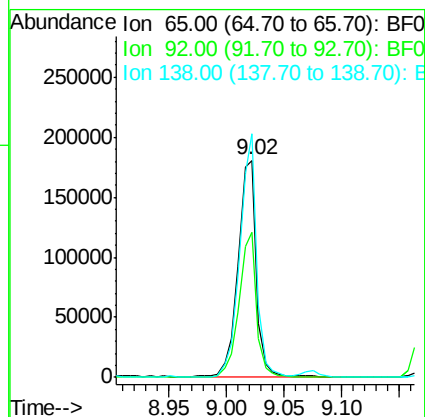
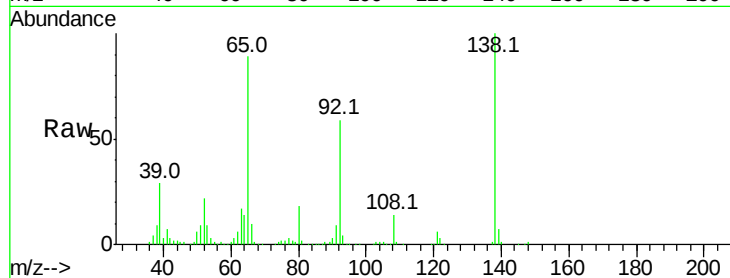
138 112.1 78.8 118.2

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#48

Acenaphthylene

Concen: 41.601 ng

RT: 9.32 min Scan# 1280

Delta R.T. -0.08 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

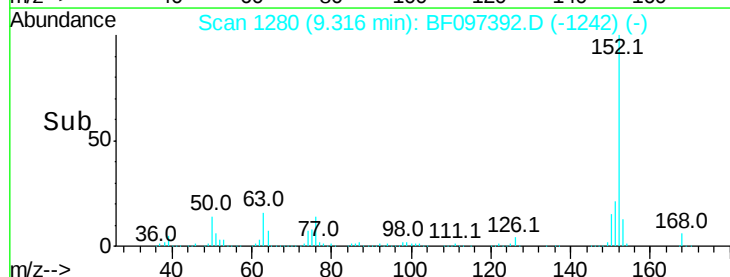
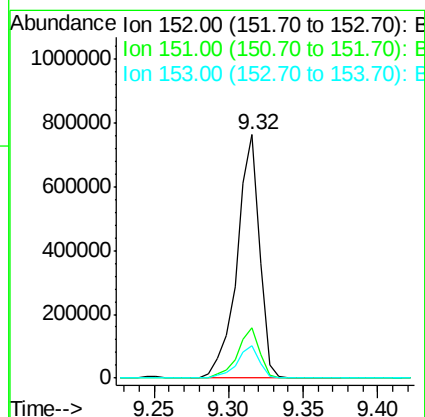
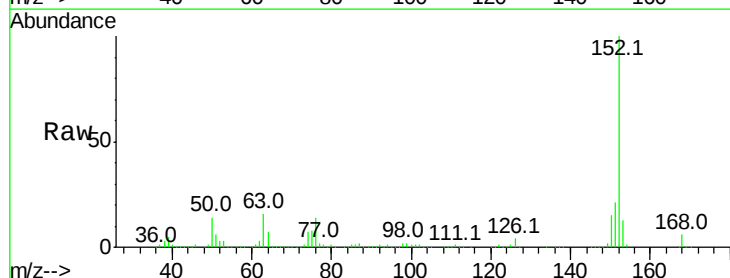
Tgt Ion: 152 Resp: 804113

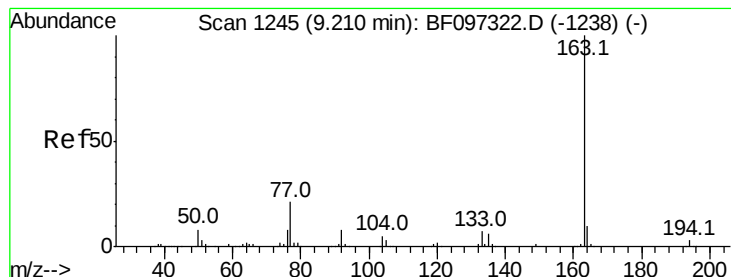
Ion Ratio Lower Upper

152 100

151 20.8 16.8 25.2

153 13.3 10.8 16.2





#49

Dimethylphthalate

Concen: 39.682 ng

RT: 9.20 min Scan# 1260

Delta R.T. -0.08 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

Instrument :

BNA_F

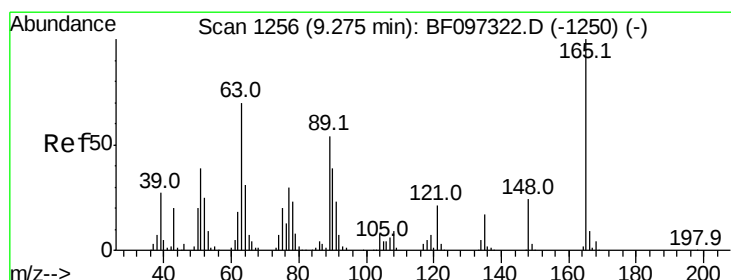
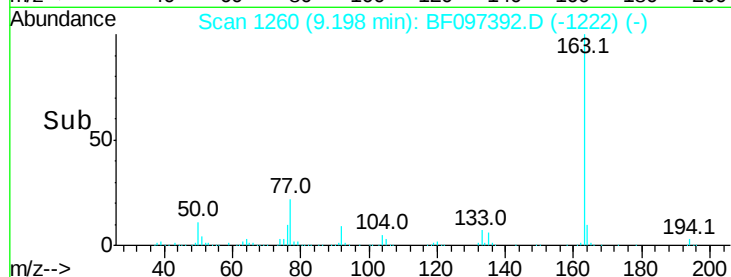
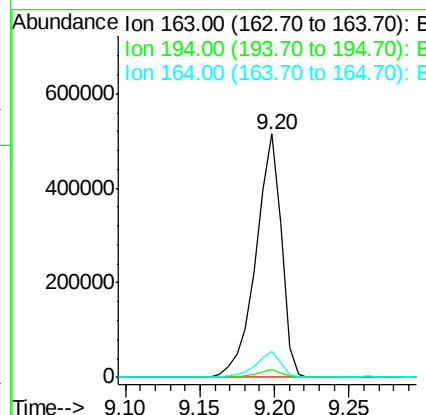
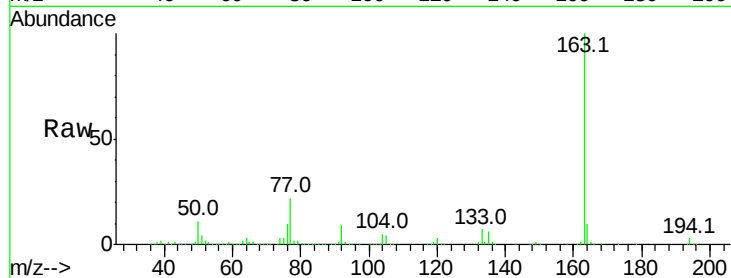
ClientSampleId :

PB101266BS

Tot Ion:	163	Resp:	603726
Ion Ratio	Lower	Upper	
163	100		
194	3.1	2.6	4.0
164	10.5	8.4	12.6

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#50

2,6-Dinitrotoluene

Concen: 40.873 ng

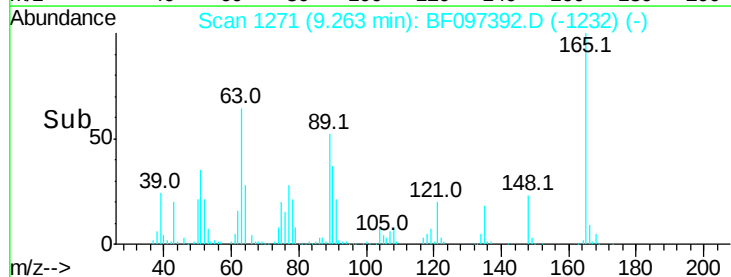
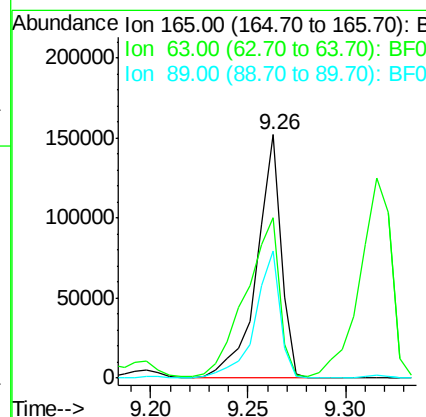
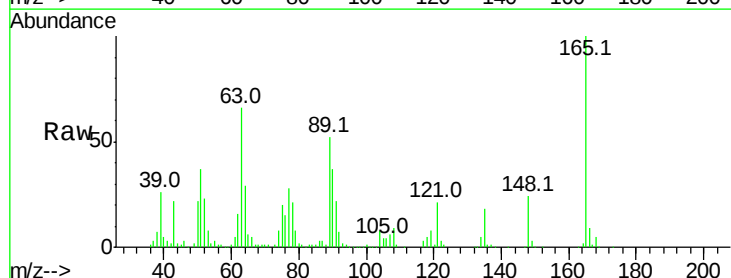
RT: 9.26 min Scan# 1271

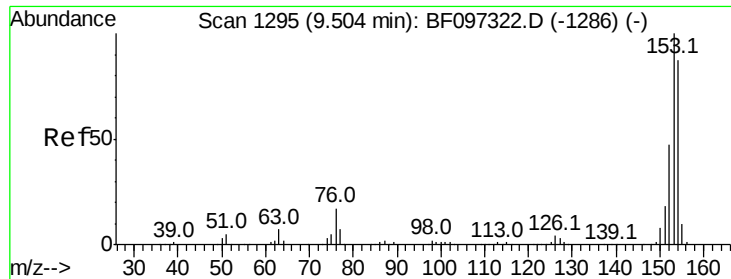
Delta R.T. -0.07 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

Tgt Ion:	165	Resp:	131889
Ion Ratio	Lower	Upper	
165	100		
63	65.8	34.3	51.5#
89	52.2	37.1	55.7





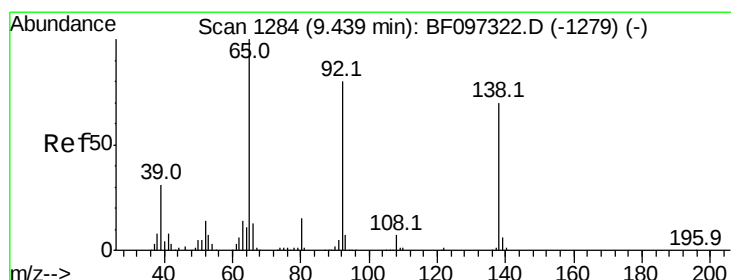
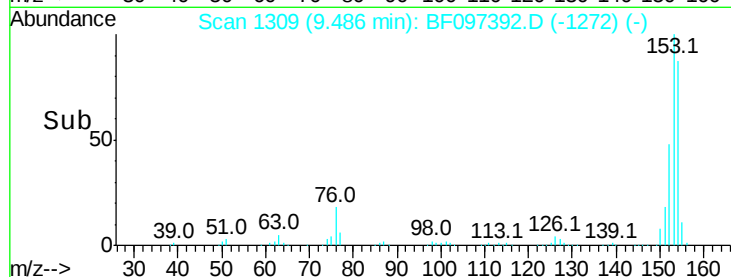
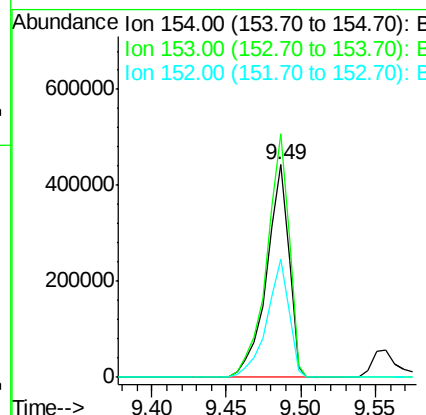
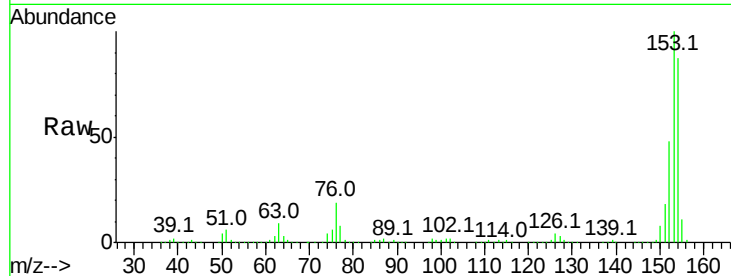
#51
Acenaphthene
Concen: 40.159 ng
RT: 9.49 min Scan# 1309
Delta R.T. -0.08 min
Lab File: BF097392.D
Acq: 5 Aug 2017 12:53

Instrument :
BNA_F
ClientSampleId :
PB101266BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.6	90.5	135.7
152	55.5	43.6	65.4

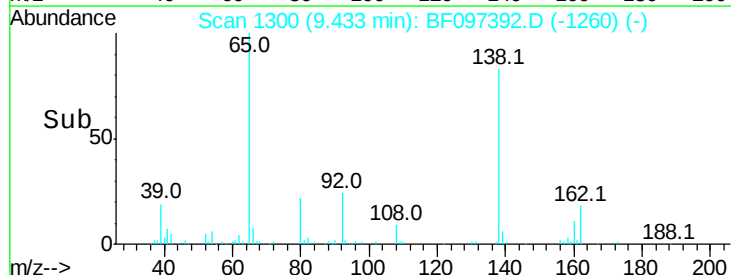
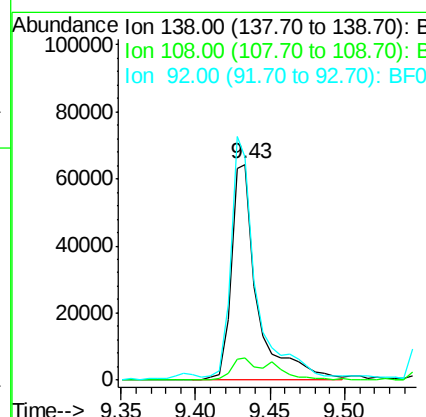
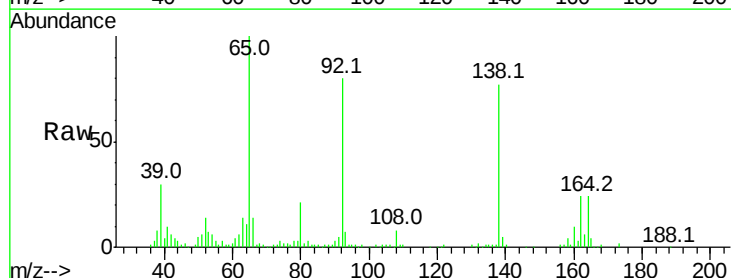
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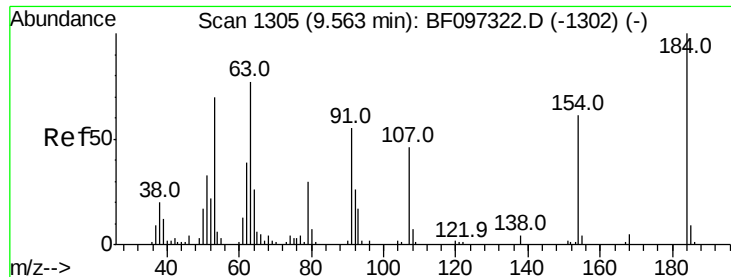
Sohil
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#52
3-Nitroaniline
Concen: 19.963 ng
RT: 9.43 min Scan# 1300
Delta R.T. -0.06 min
Lab File: BF097392.D
Acq: 5 Aug 2017 12:53

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.4	9.1	13.7
92	103.6	93.8	140.6





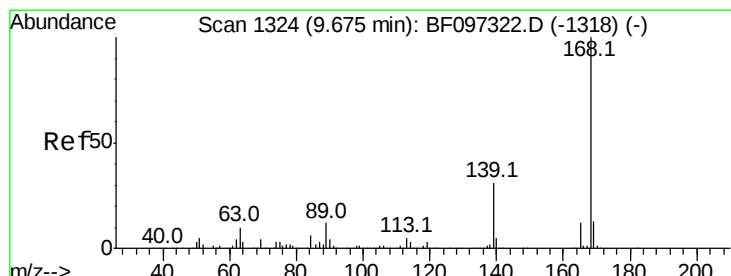
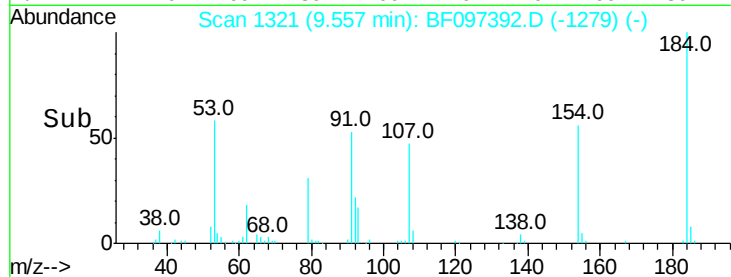
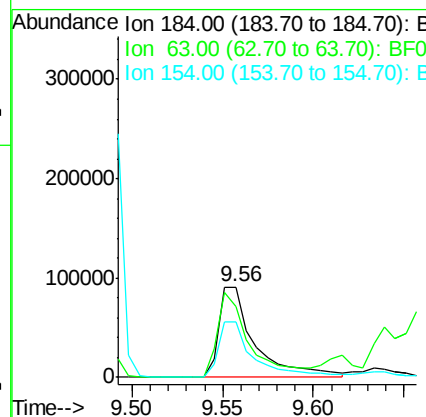
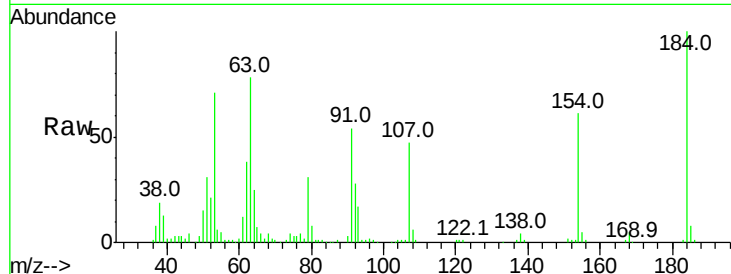
#53
 2,4-Dinitrophenol
 Concen: 85.250 ng
 RT: 9.56 min Scan# 1321
 Delta R.T. -0.05 min
 Lab File: BF097392.D
 Acq: 5 Aug 2017 12:53

Instrument :
 BNA_F
 ClientSampleId :
 PB101266BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	125077		
63	78.4	62.7	94.1	
154	61.3	81.1	121.7	

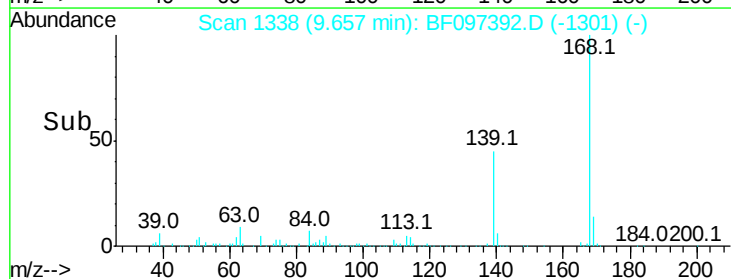
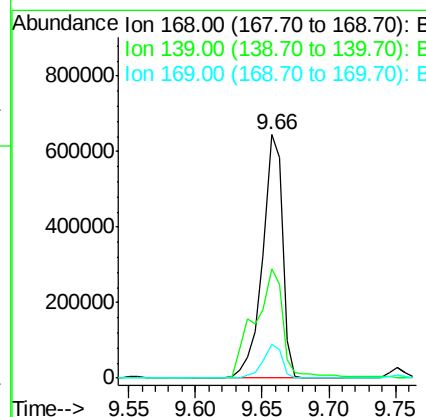
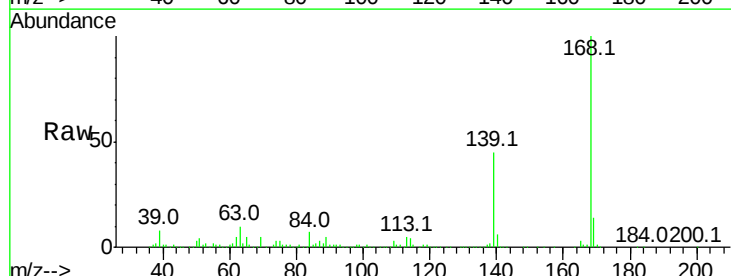
Manual Integrations
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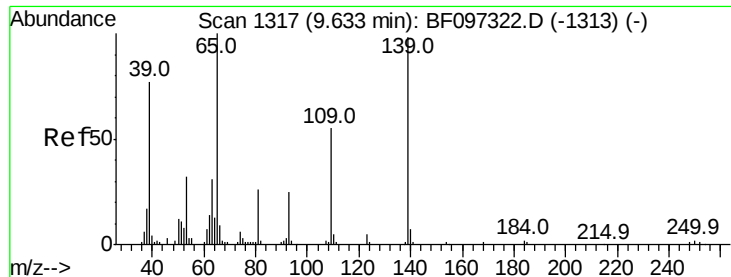
Sohil
 8/7/2017 6:00:40 PM



#54
 Dibenzofuran
 Concen: 43.424 ng
 RT: 9.66 min Scan# 1338
 Delta R.T. -0.08 min
 Lab File: BF097392.D
 Acq: 5 Aug 2017 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	658540		
139	45.0	30.6	45.8	
169	13.6	10.8	16.2	





#55

4-Nitrophenol

Concen: 57.168 ng/mL

RT: 9.64 min Scan# 1335

Delta R.T. -0.04 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

Instrument :

BNA_F

ClientSampleID :

PB101266BS

Tot Ion:139 Resp: 136167

Ion Ratio Lower Upper

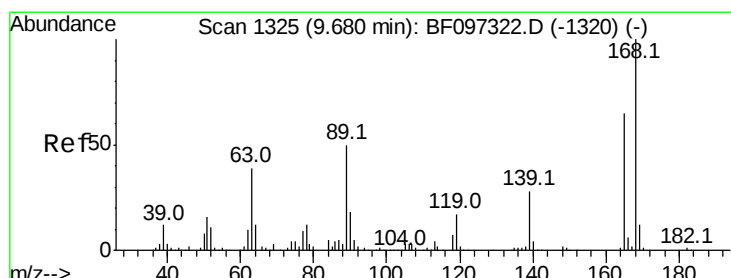
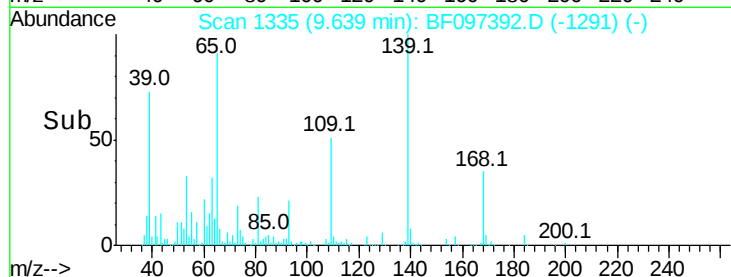
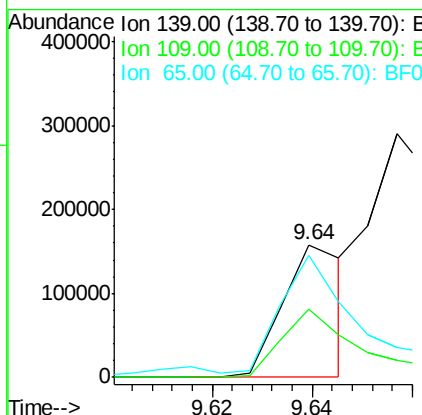
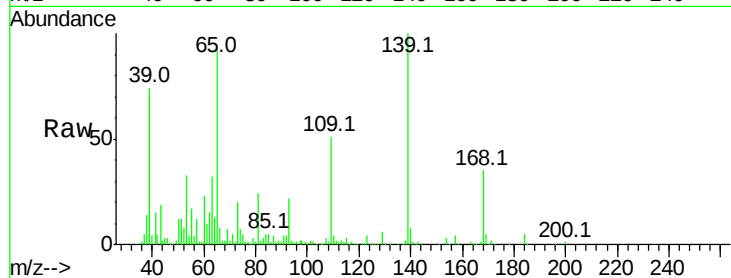
139 100

109 51.2 34.1 74.1

65 92.3 31.4 71.4#

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#56

2,4-Dinitrotoluene

Concen: 46.725 ng/mL

RT: 9.67 min Scan# 1340

Delta R.T. -0.06 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

Tgt Ion:165 Resp: 173328

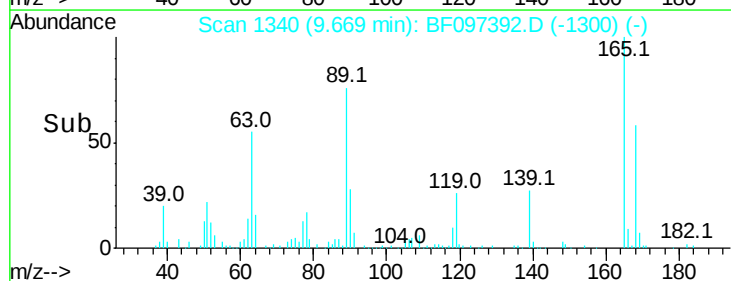
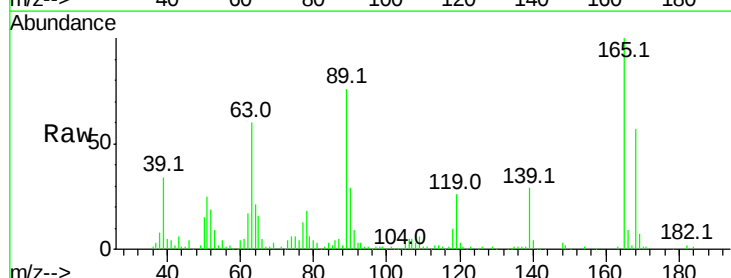
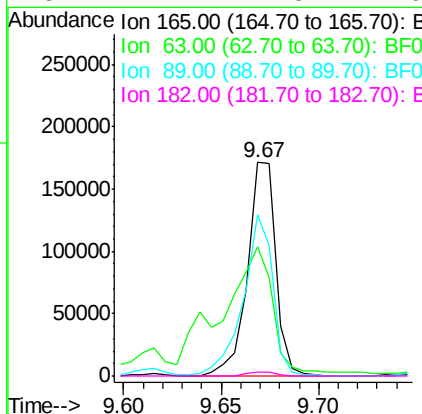
Ion Ratio Lower Upper

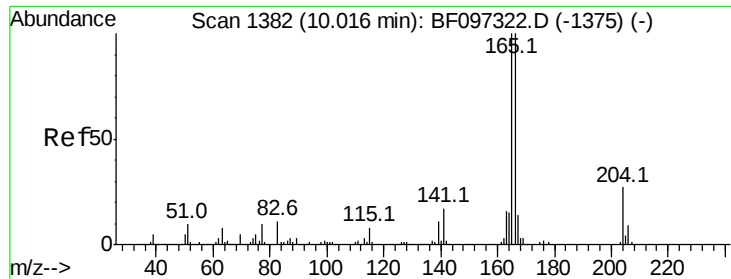
165 100

63 60.5 25.4 38.0#

89 75.5 46.4 69.6#

182 2.1 1.8 2.6





#57

Fluorene

Concen: 43.573 ng

RT: 10.00 min Scan# 1396

Delta R.T. -0.08 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

Instrument :

BNA_F

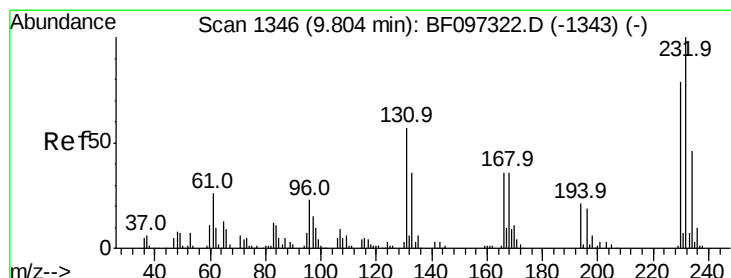
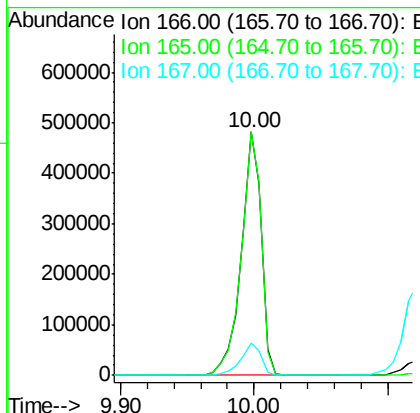
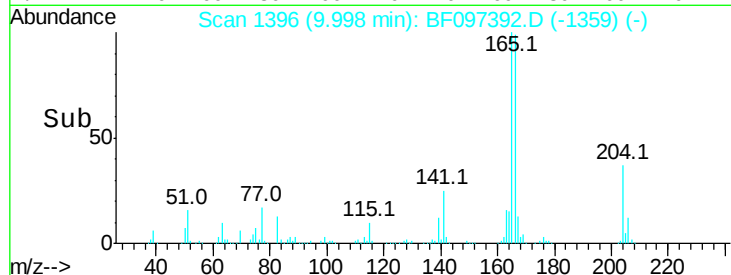
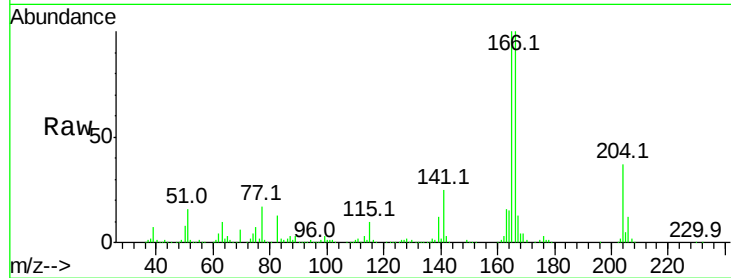
ClientSampleId :

PB101266BS

Tot Ion:	166	Resp:	496654
Ion Ratio	Lower	Upper	
166	100		
165	99.8	78.8	118.2
167	13.4	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 44.573 ng

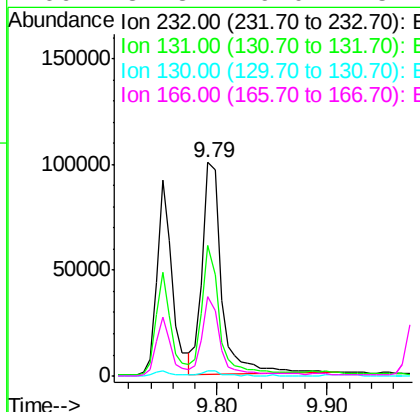
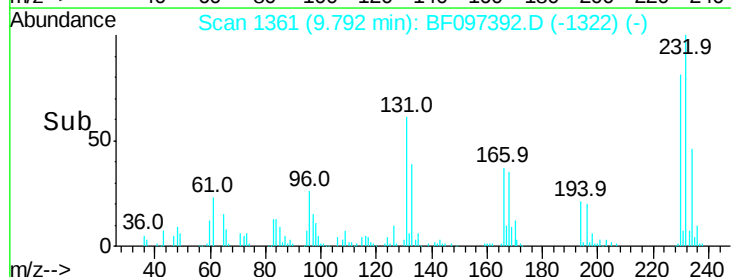
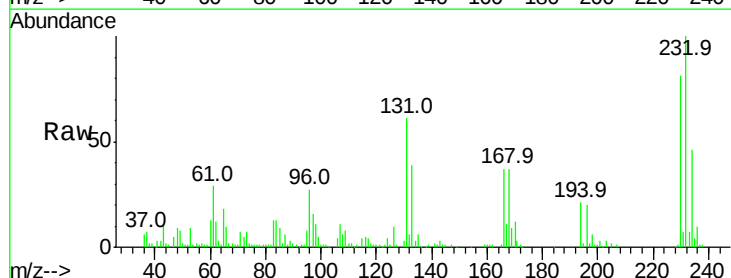
RT: 9.79 min Scan# 1361

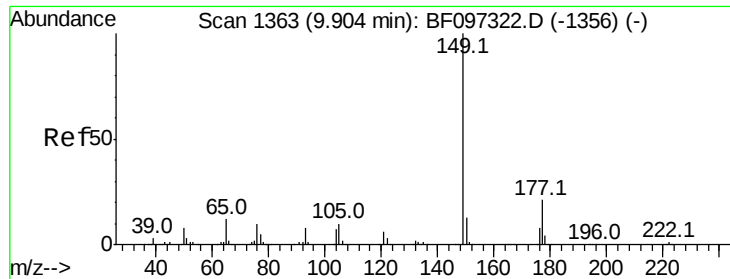
Delta R.T. -0.07 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

Tgt Ion:	232	Resp:	119336
Ion Ratio	Lower	Upper	
232	100		
131	52.6	44.8	67.2
130	2.7	2.3	3.5
166	32.3	29.0	43.4





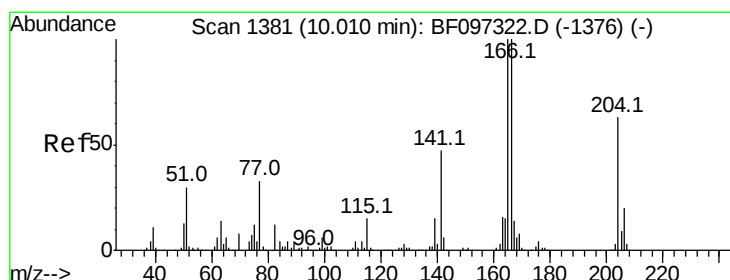
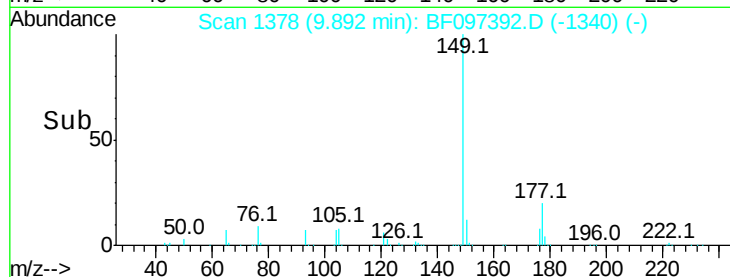
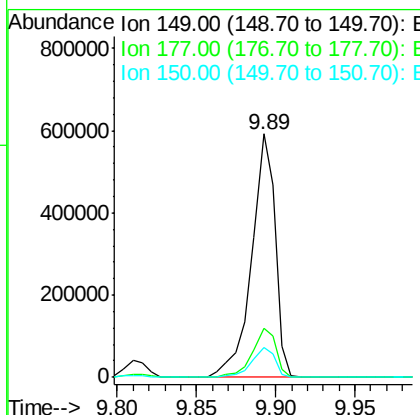
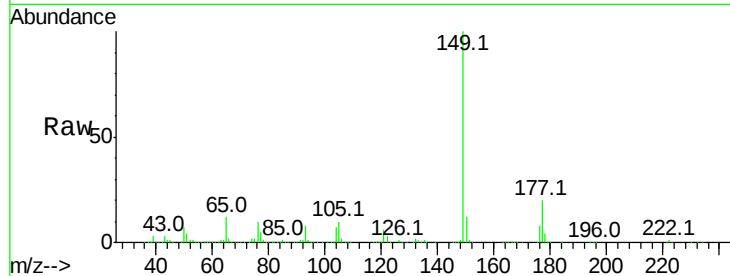
#59
 Diethylphthalate
 Concen: 43.645 ng
 RT: 9.89 min Scan# 1378
 Delta R.T. -0.08 min
 Lab File: BF097392.D
 Acq: 5 Aug 2017 12:53

Instrument :
 BNA_F
 ClientSampleId :
 PB101266BS

Tot Ion:	149	Resp:	609195
Ion Ratio	Lower	Upper	
149	100		
177	20.1	16.7	25.1
150	12.2	10.2	15.2

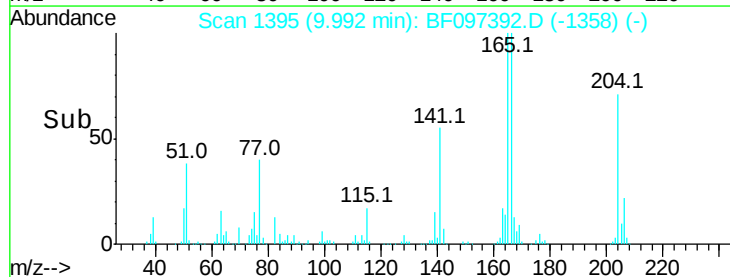
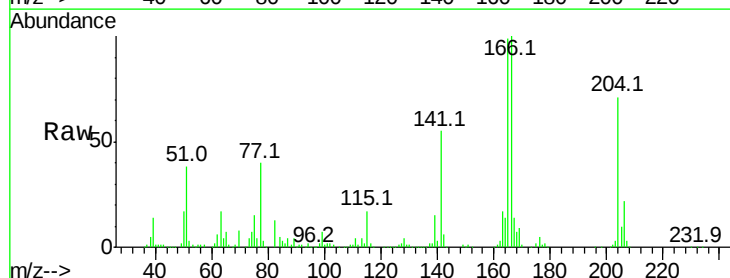
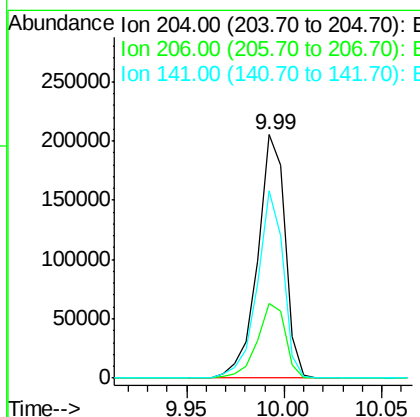
Manual Integrations
 APPROVED

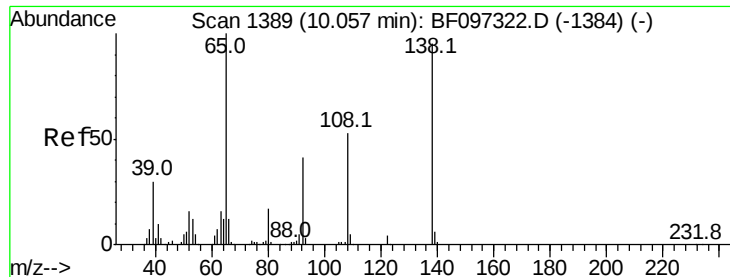
Sohil
 8/7/2017 6:00:40 PM



#60
 4-Chlorophenyl-phenylether
 Concen: 42.637 ng
 RT: 9.99 min Scan# 1395
 Delta R.T. -0.08 min
 Lab File: BF097392.D
 Acq: 5 Aug 2017 12:53

Tgt Ion:	204	Resp:	200684
Ion Ratio	Lower	Upper	
204	100		
206	30.6	26.2	39.2
141	76.9	60.8	91.2





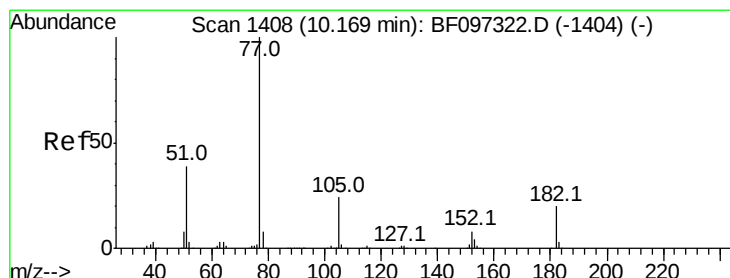
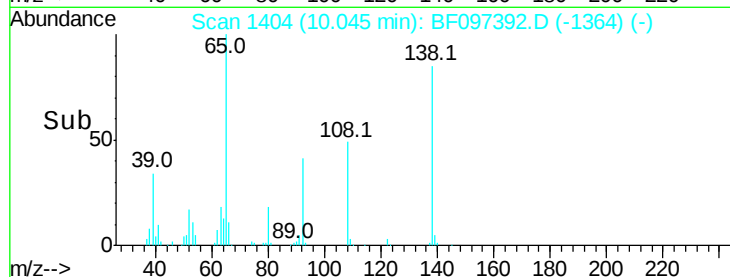
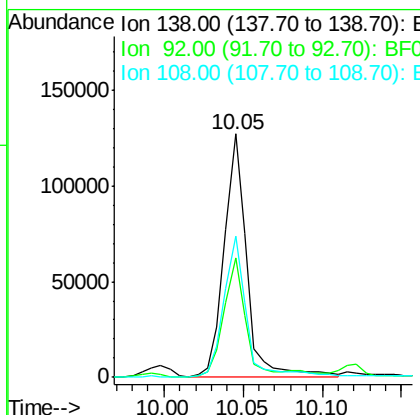
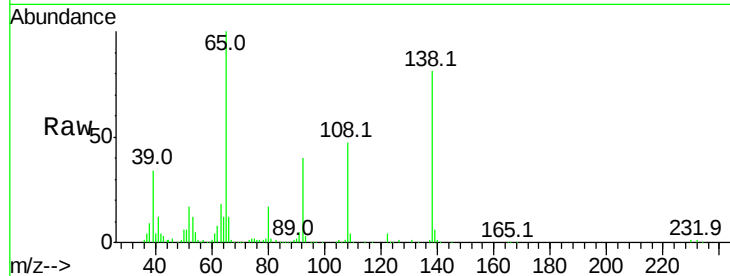
#61
4-Nitroaniline
Concen: 32.845 ng
RT: 10.05 min Scan# 1404
Delta R.T. -0.06 min
Lab File: BF097392.D
Acq: 5 Aug 2017 12:53

Instrument :
BNA_F
ClientSampleId :
PB101266BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	49.0	21.8	61.8	
108	57.9	42.3	82.3	

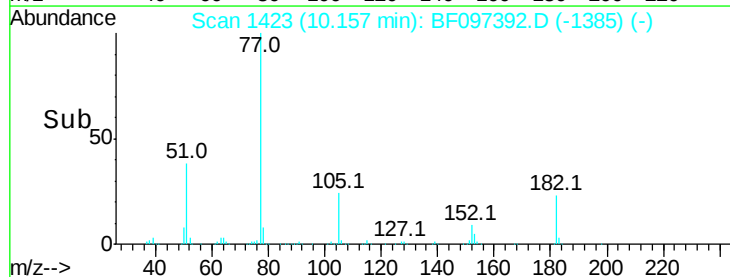
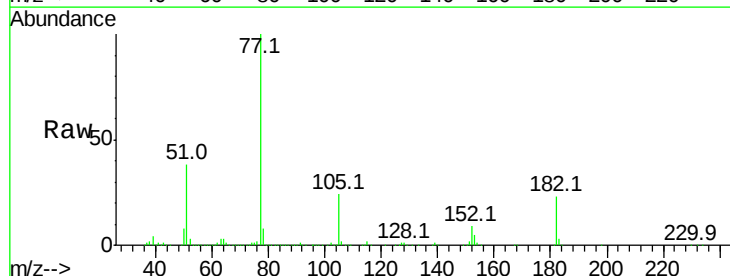
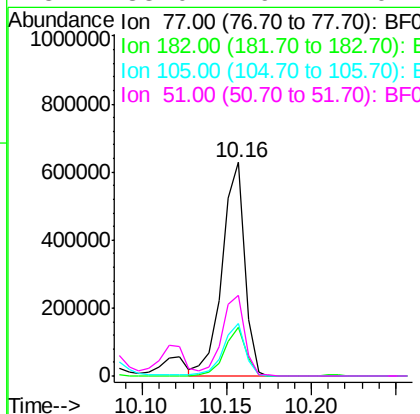
Manual Integrations
APPROVED

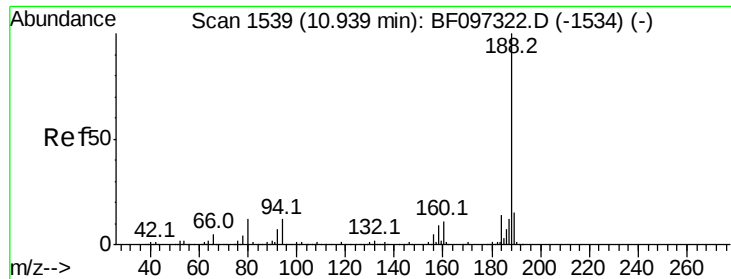
Sohil
8/7/2017 6:00:40 PM



#62
Azobenzene
Concen: 44.893 ng
RT: 10.16 min Scan# 1423
Delta R.T. -0.08 min
Lab File: BF097392.D
Acq: 5 Aug 2017 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	22.6	0.1	40.1	
105	24.3	3.6	43.6	
51	38.0	9.4	49.4	





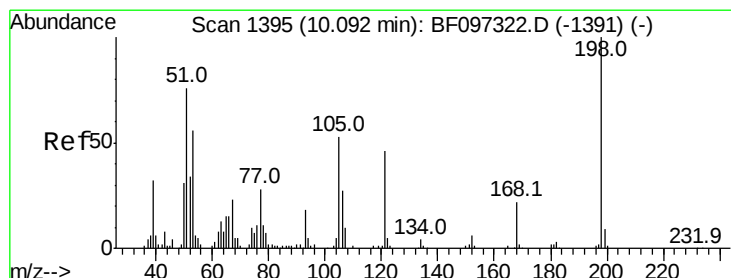
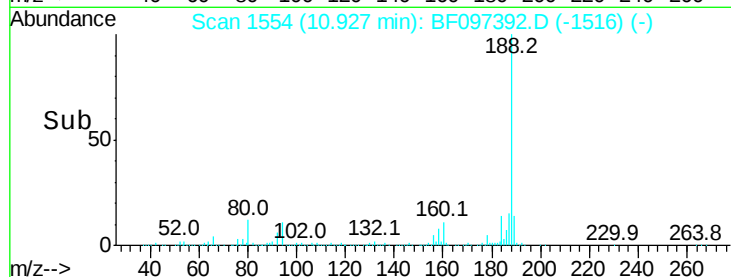
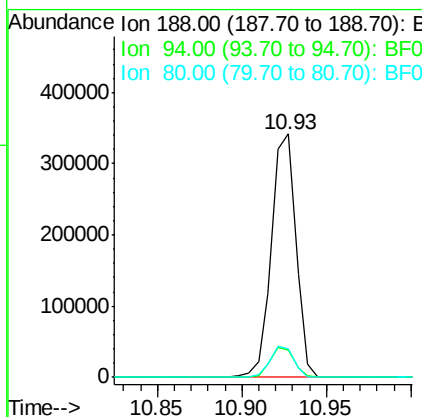
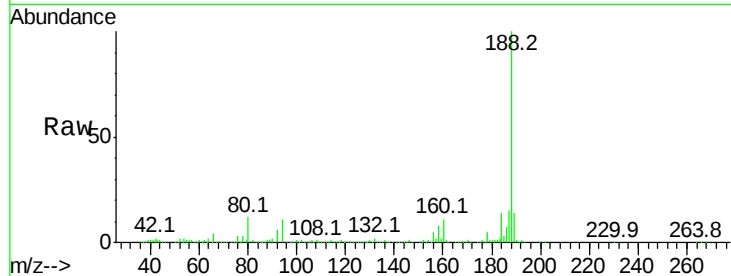
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.93 min Scan# 1554
Delta R.T. -0.08 min
Lab File: BF097392.D
Acq: 5 Aug 2017 12:53

Instrument :
BNA_F
ClientSampleId :
PB101266BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	345711		
94	11.2		9.4	14.2
80	11.8		10.2	15.2

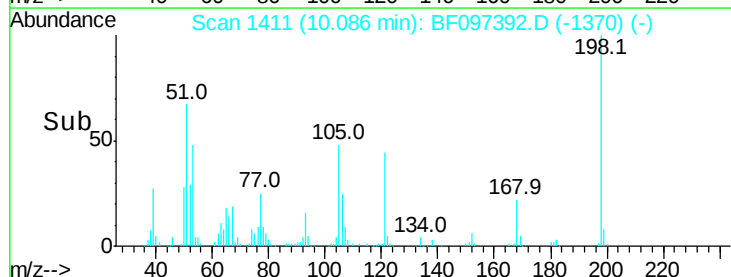
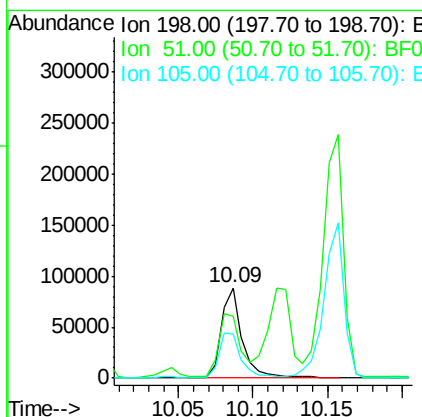
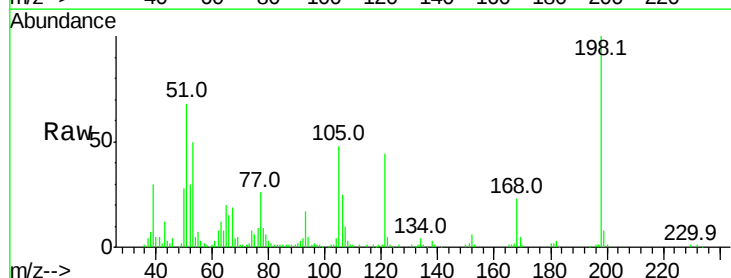
Manual Integrations
APPROVED

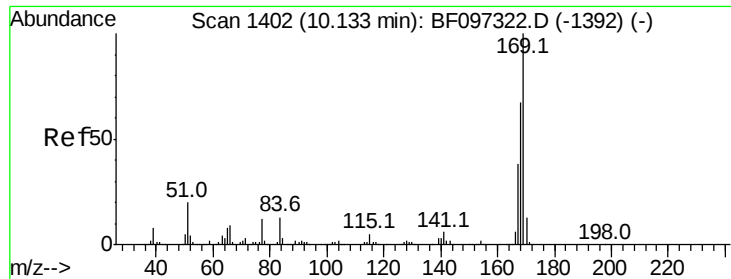
Sohil
8/7/2017 6:00:40 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 40.842 ng
RT: 10.09 min Scan# 1411
Delta R.T. -0.06 min
Lab File: BF097392.D
Acq: 5 Aug 2017 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	87738		
51	67.9		53.2	93.2
105	48.1		45.8	85.8





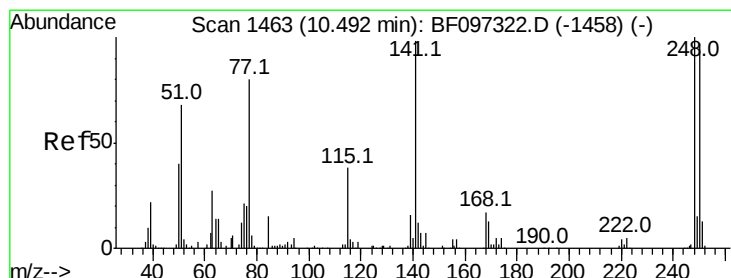
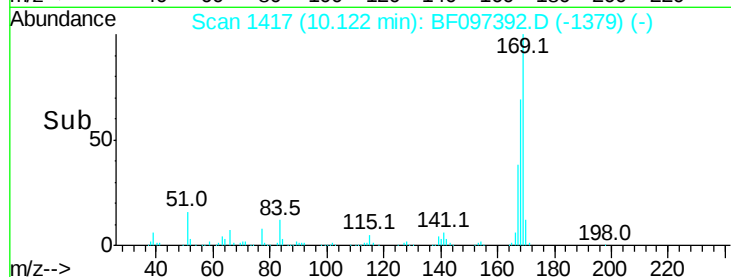
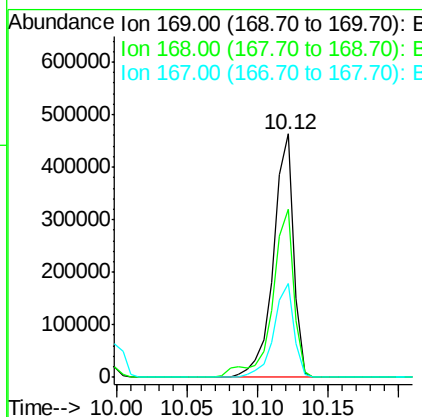
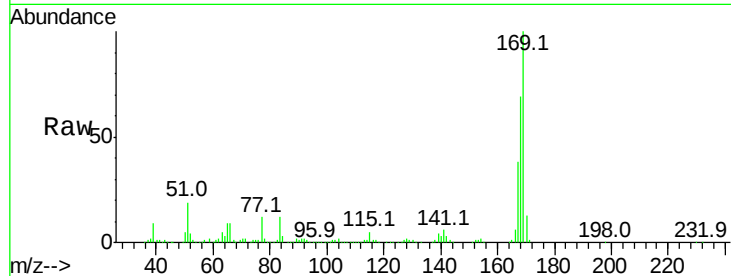
#65
n-Nitrosodiphenylamine
Concen: 38.684 ng
RT: 10.12 min Scan# 1417
Delta R.T. -0.08 min
Lab File: BF097392.D
Acq: 5 Aug 2017 12:53

Instrument :
BNA_F
ClientSampleId :
PB101266BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	465323		
168	69.0	53.2	79.8	
167	38.5	29.5	44.3	

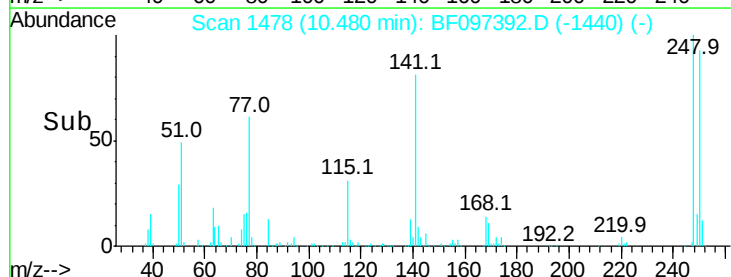
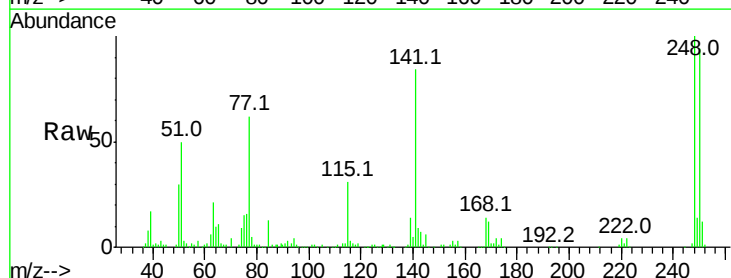
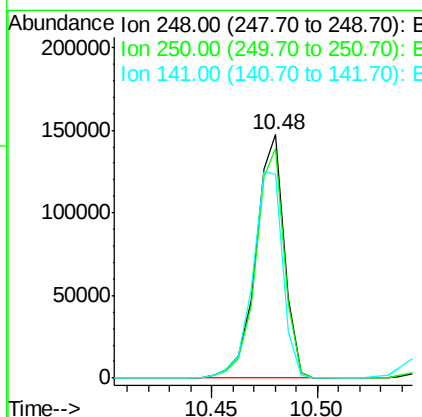
Manual Integrations
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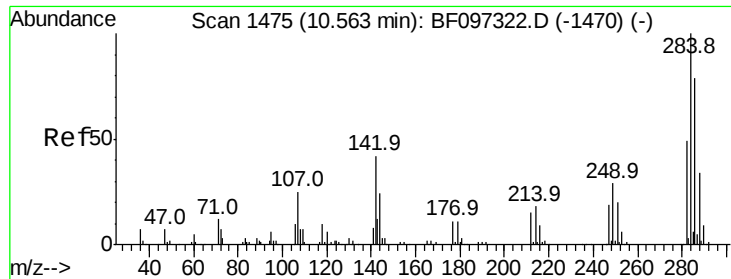
Sohil
8/7/2017 6:00:40 PM



#66
4-Bromophenyl-phenylether
Concen: 40.144 ng
RT: 10.48 min Scan# 1478
Delta R.T. -0.08 min
Lab File: BF097392.D
Acq: 5 Aug 2017 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	138500		
250	94.1	76.8	115.2	
141	83.7	68.6	103.0	





#67

Hexachlorobenzene

Concen: 36.233 ng

RT: 10.55 min Scan# 1490

Delta R.T. -0.08 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

Instrument :

BNA_F

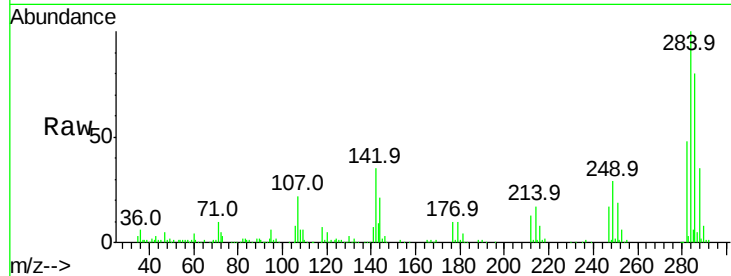
ClientSampleId :

PB101266BS

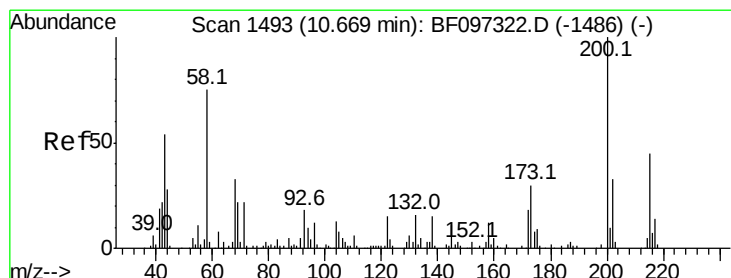
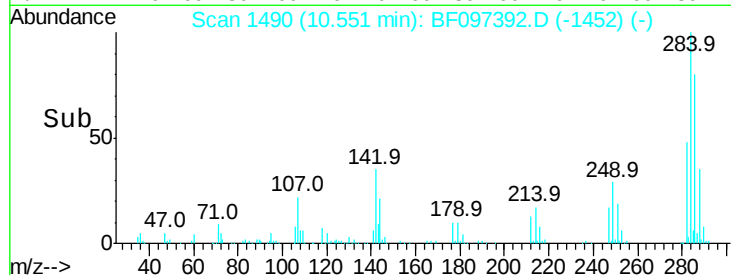
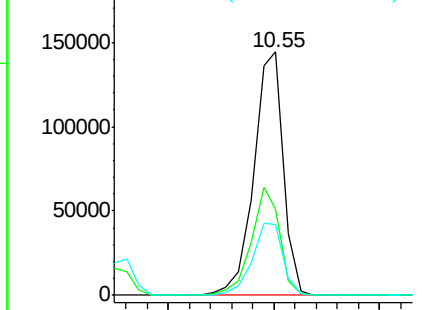
Tot Ion:	284	Resp:	140184
Ion Ratio		Lower	Upper
284	100		
142	35.5	22.8	34.2#
249	29.2	24.0	36.0

Manual Integrations
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8/7/2017 6:00:40 PM



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



#68

Atrazine

Concen: 39.642 ng

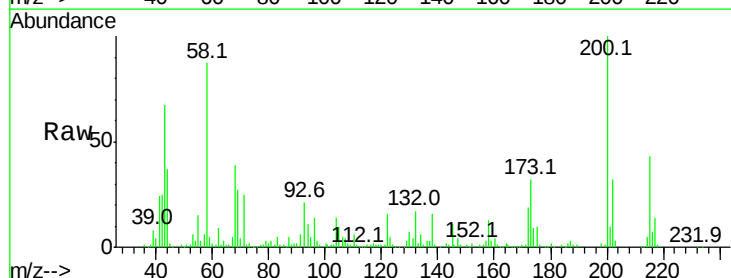
RT: 10.66 min Scan# 1509

Delta R.T. -0.06 min

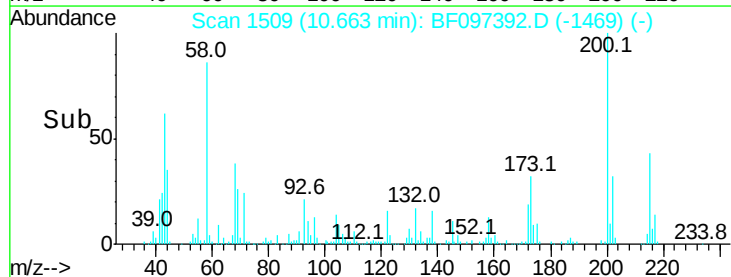
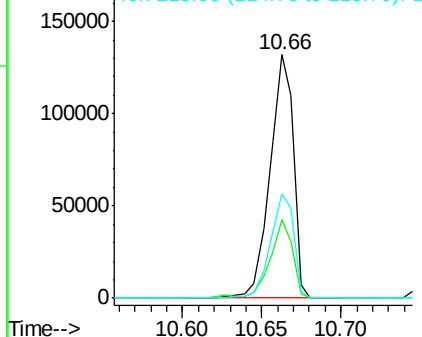
Lab File: BF097392.D

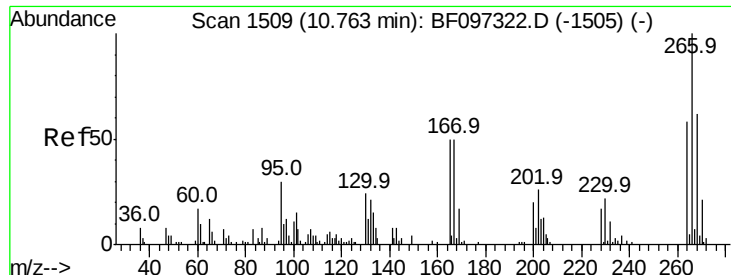
Acq: 5 Aug 2017 12:53

Tgt Ion:	200	Resp:	136735
Ion Ratio		Lower	Upper
200	100		
173	32.3	6.3	46.3
215	42.8	27.2	67.2



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





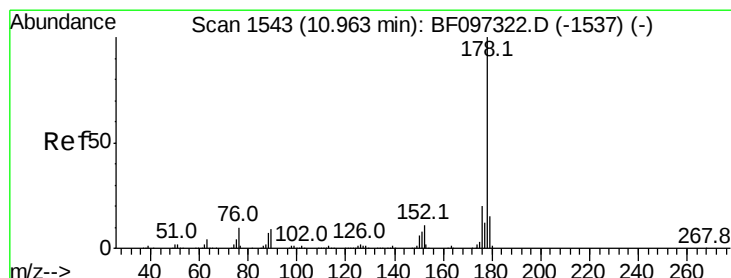
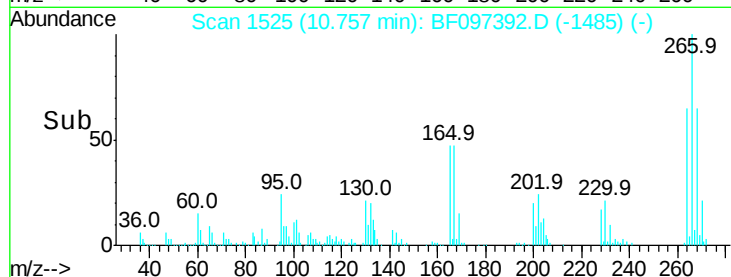
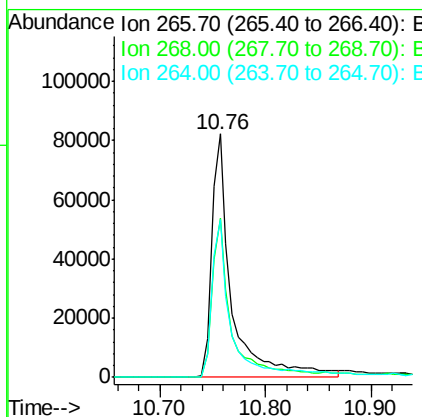
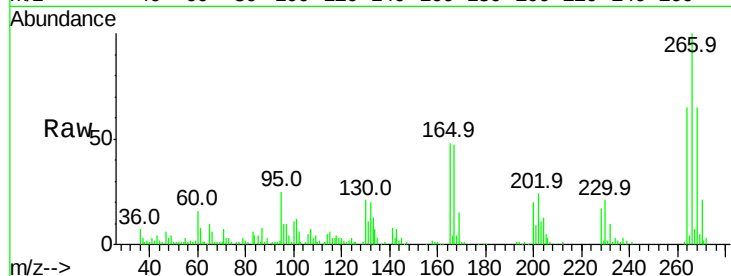
#69
 Pentachlorophenol
 Concen: 68.402 ng
 RT: 10.76 min Scan# 1525
 Delta R.T. -0.06 min
 Lab File: BF097392.D
 Acq: 5 Aug 2017 12:53

Instrument :
 BNA_F
 ClientSampleID :
 PB101266BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	109497		
268	65.3	51.1	76.7	
264	64.6	51.7	77.5	

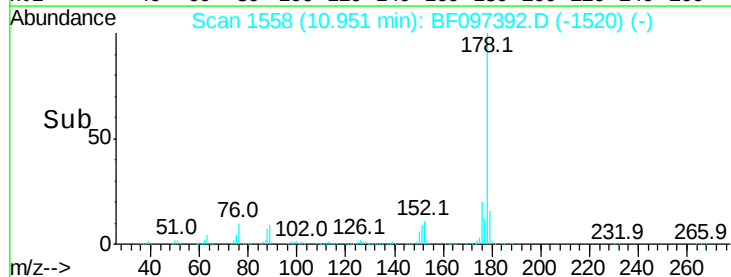
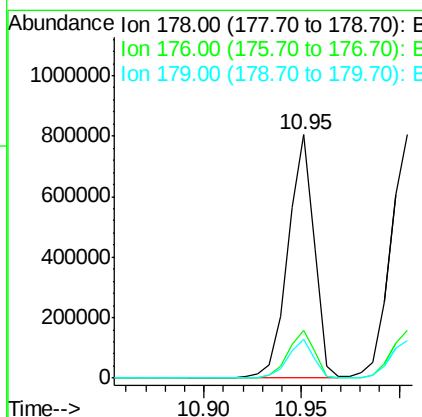
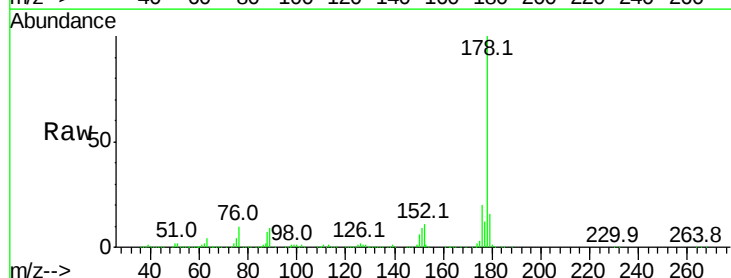
Manual Integrations
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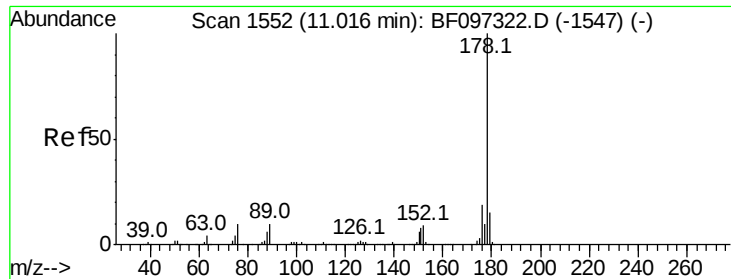
Sohil
 8/7/2017 6:00:40 PM



#70
 Phenanthrene
 Concen: 40.231 ng
 RT: 10.95 min Scan# 1558
 Delta R.T. -0.08 min
 Lab File: BF097392.D
 Acq: 5 Aug 2017 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	745214		
176	19.9	16.2	24.4	
179	15.7	12.6	19.0	





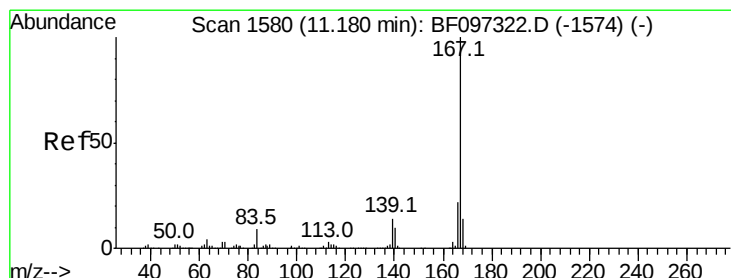
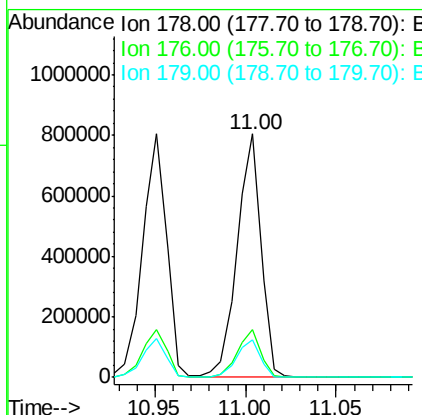
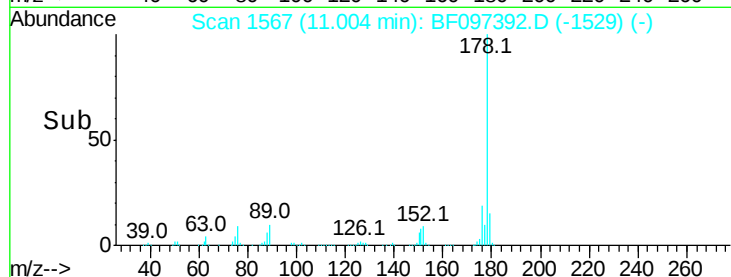
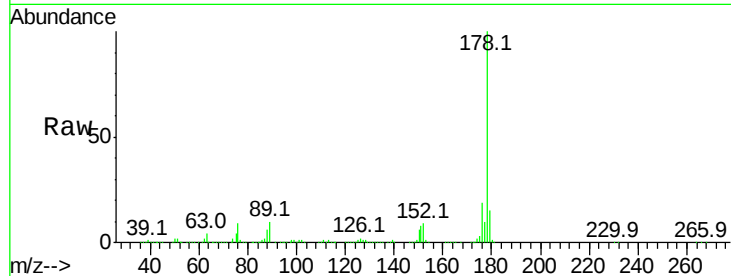
#71
 Anthracene
 Concen: 38.930 ng
 RT: 11.00 min Scan# 1567
 Delta R.T. -0.08 min
 Lab File: BF097392.D
 Acq: 5 Aug 2017 12:53

Instrument :
 BNA_F
 ClientSampled :
 PB101266BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.3	12.7	19.1

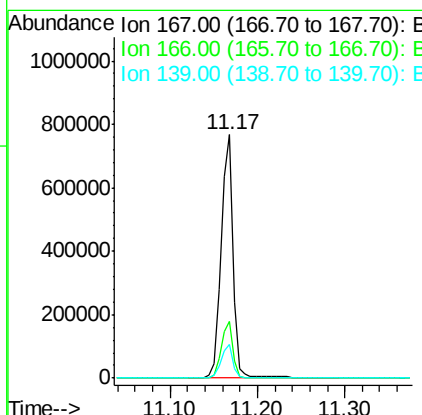
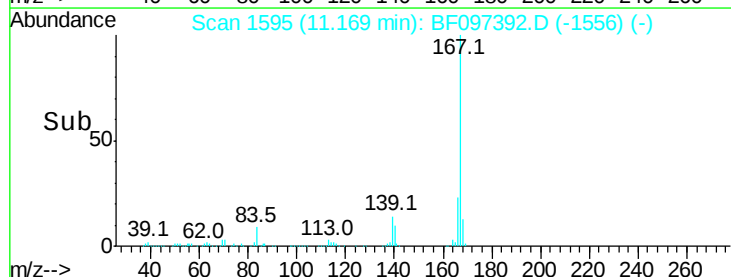
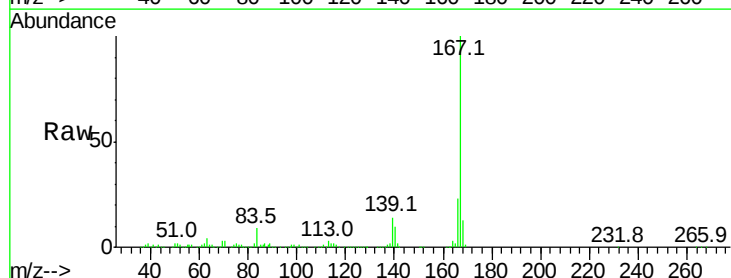
Manual Integrations
 APPROVED

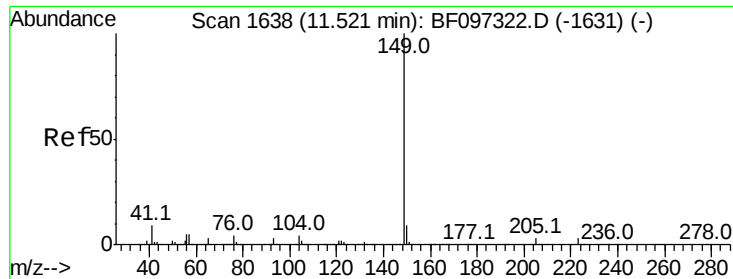
Sohil
 8/7/2017 6:00:40 PM



#72
 Carbazole
 Concen: 39.065 ng
 RT: 11.17 min Scan# 1595
 Delta R.T. -0.07 min
 Lab File: BF097392.D
 Acq: 5 Aug 2017 12:53

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.1	27.1
139	14.1	11.7	17.5





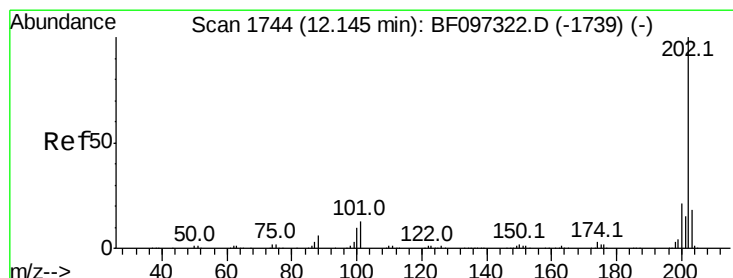
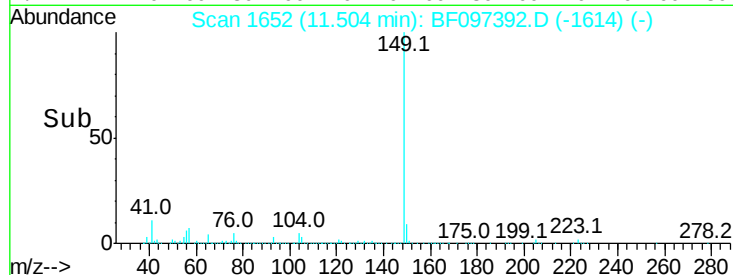
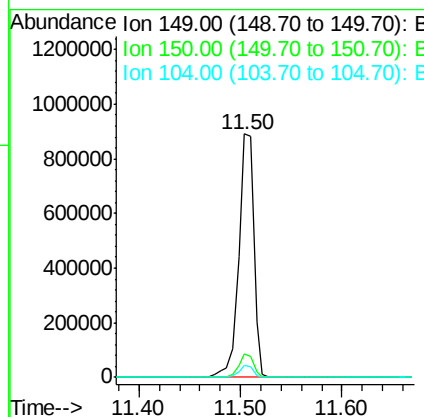
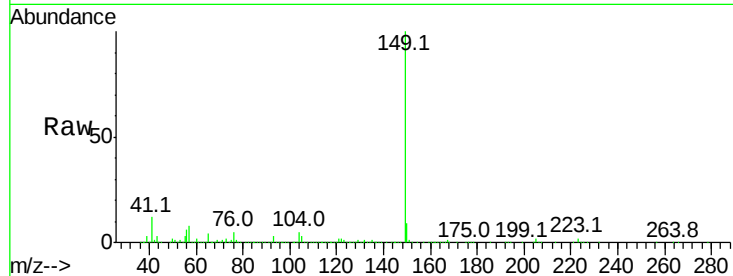
#73
Di-n-butylphthalate
Concen: 40.019 ng
RT: 11.50 min Scan# 1652
Delta R.T. -0.08 min
Lab File: BF097392.D
Acq: 5 Aug 2017 12:53

Instrument :
BNA_F
ClientSampleId :
PB101266BS

Tot Ion:	149	Resp:	922998
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.7	11.5
104	4.8	4.0	6.0

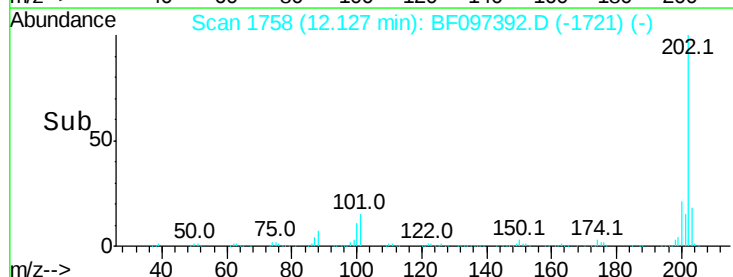
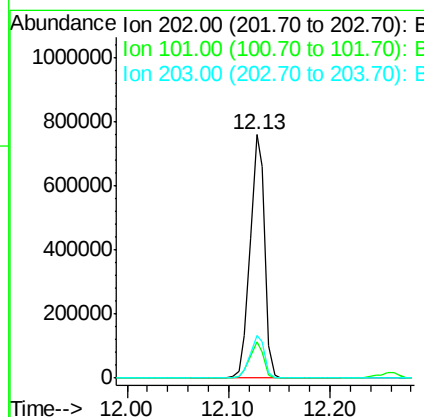
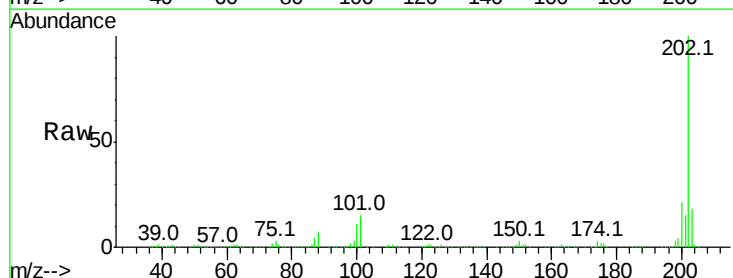
Manual Integrations
APPROVED

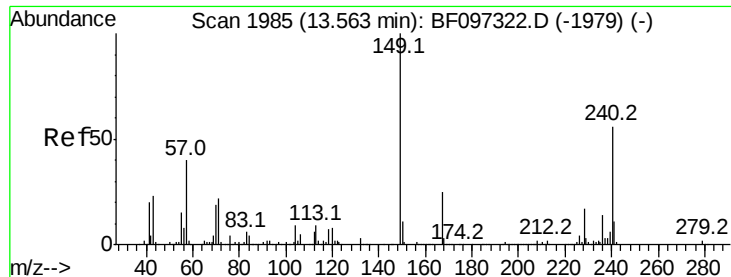
Sohil
8/7/2017 6:00:40 PM



#74
Fluoranthene
Concen: 41.770 ng
RT: 12.13 min Scan# 1758
Delta R.T. -0.08 min
Lab File: BF097392.D
Acq: 5 Aug 2017 12:53

Tgt Ion:	202	Resp:	757985
Ion Ratio	Lower	Upper	
202	100		
101	14.8	0.0	33.2
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.54 min Scan# 1999

Delta R.T. -0.08 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

Instrument :

BNA_F

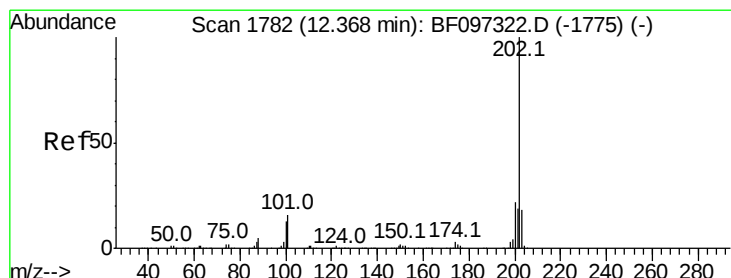
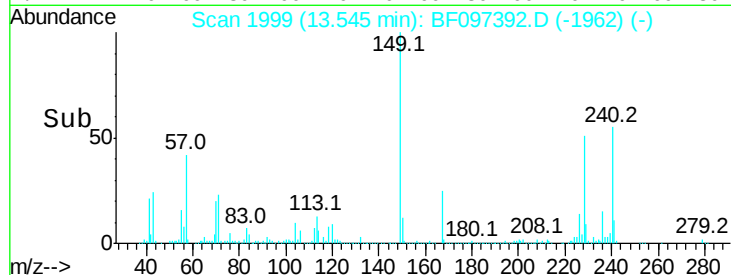
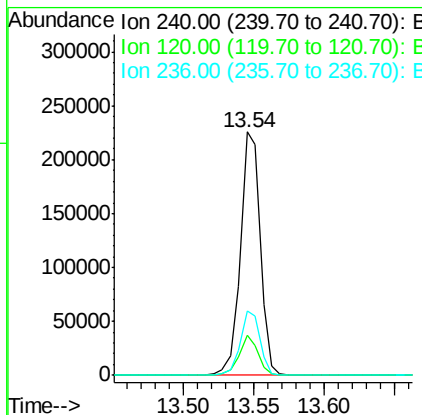
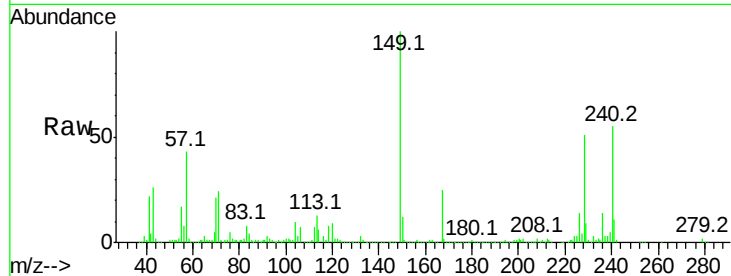
ClientSampleId :

PB101266BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	221195		
120	16.4	5.8	8.8#	
236	26.3	20.5	30.7	

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#77

Pyrene

Concen: 43.203 ng

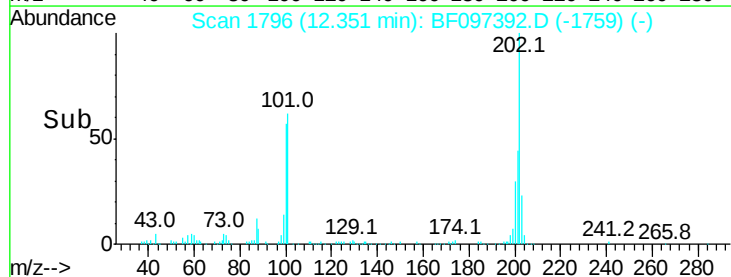
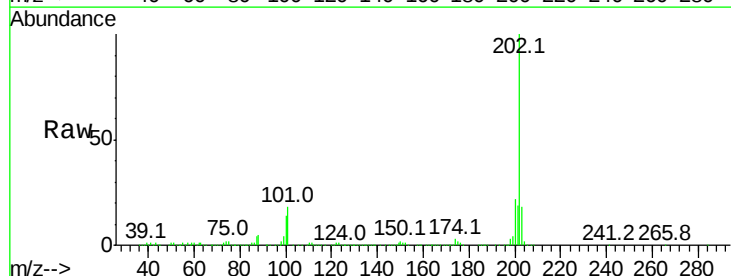
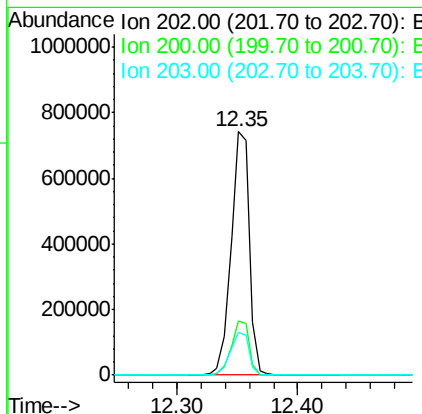
RT: 12.35 min Scan# 1796

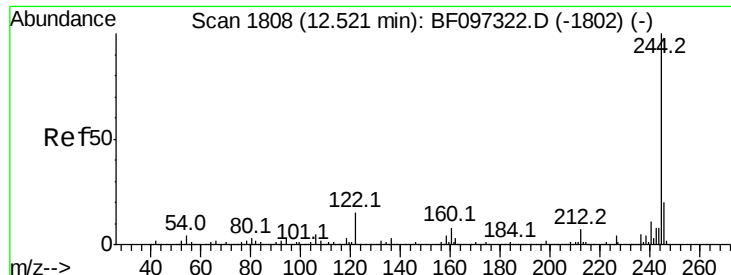
Delta R.T. -0.08 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	782334		
200	22.0	17.6	26.4	
203	17.8	14.4	21.6	





#78

Terphenyl-d14

Concen: 74.576 ng

RT: 12.51 min Scan# 1823

Delta R.T. -0.08 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

Instrument :

BNA_F

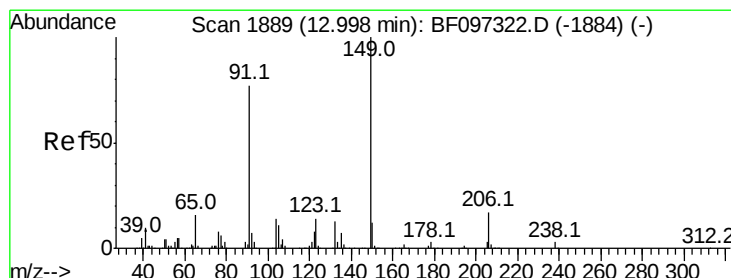
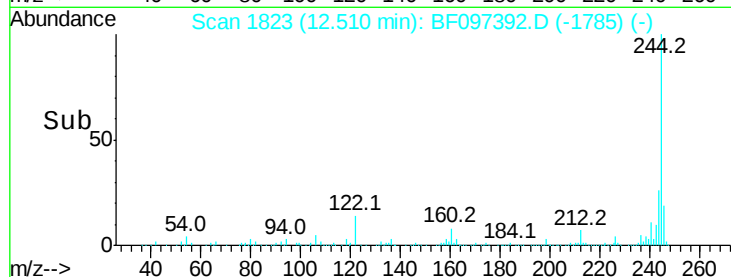
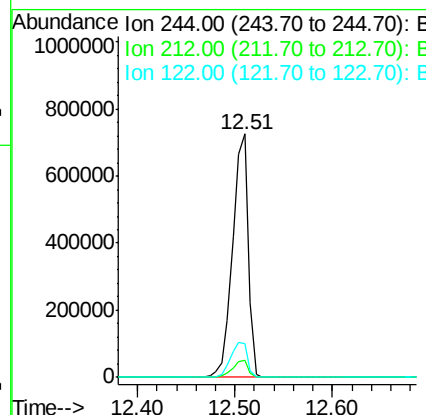
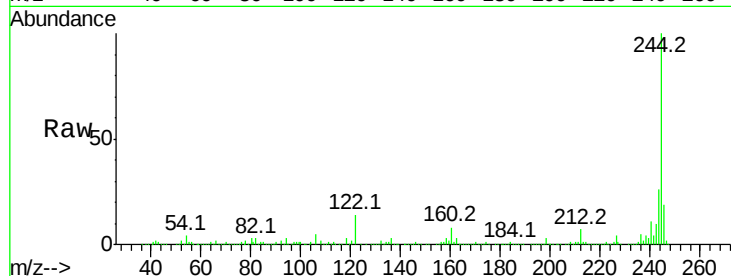
ClientSampleId :

PB101266BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	13.9	10.3	15.5

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#79

Butylbenzylphthalate

Concen: 41.982 ng

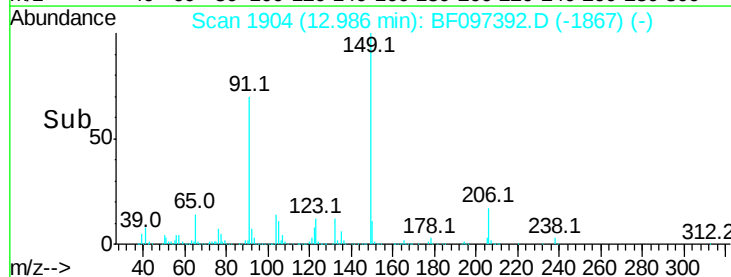
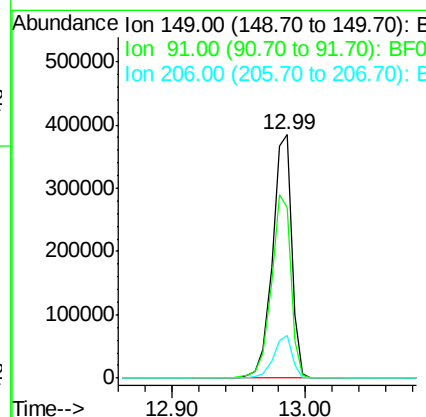
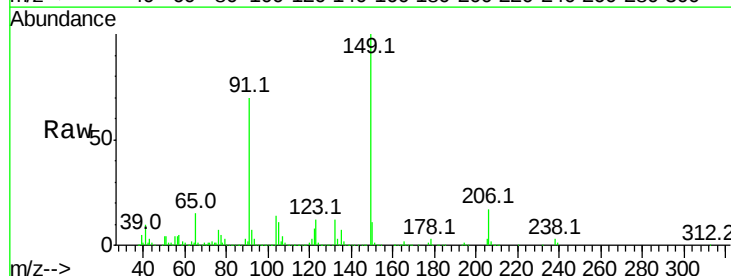
RT: 12.99 min Scan# 1904

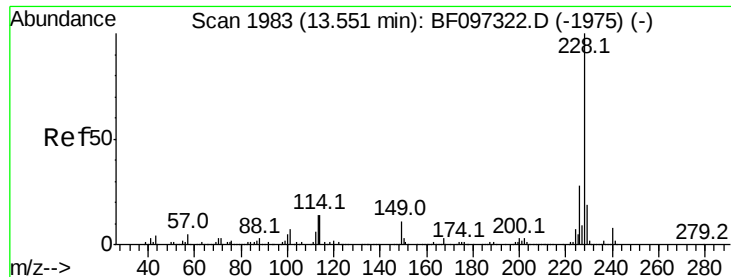
Delta R.T. -0.08 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.8	45.0	67.4#
206	17.5	17.0	25.6





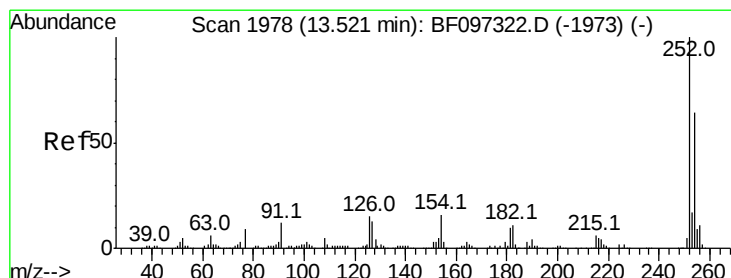
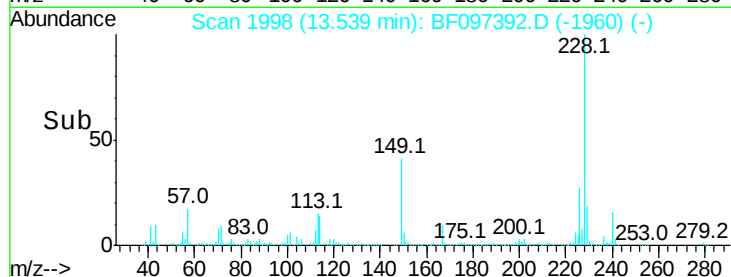
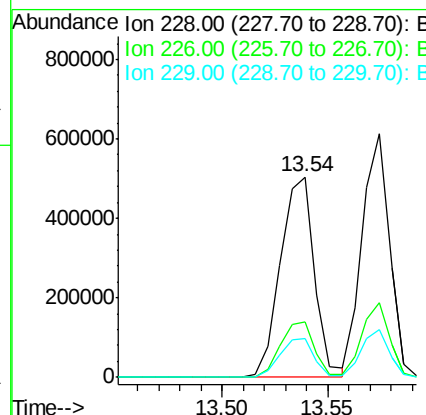
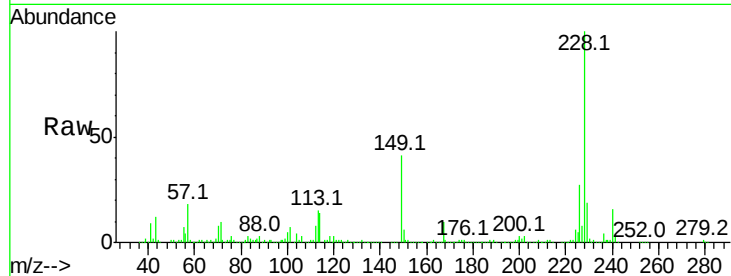
#80
Benzo(a)anthracene
Concen: 39.699 ng
RT: 13.54 min Scan# 1998
Delta R.T. -0.08 min
Lab File: BF097392.D
Acq: 5 Aug 2017 12:53

Instrument :
BNA_F
ClientSampleId :
PB101266BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	19.4	16.3	24.5

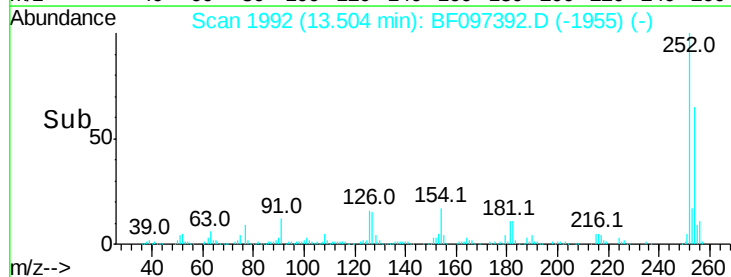
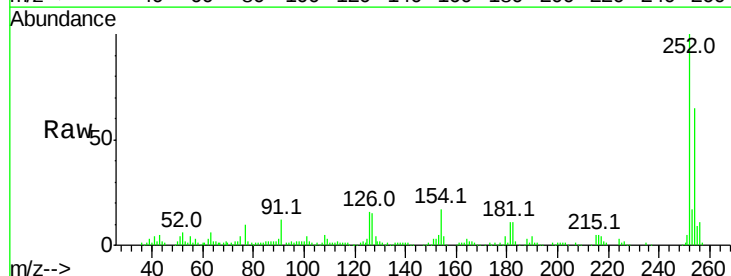
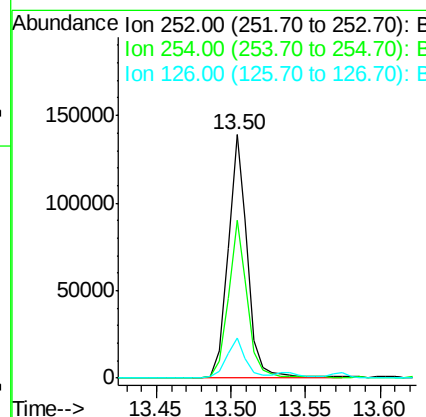
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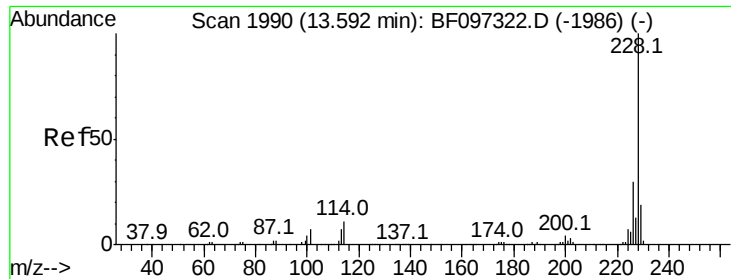
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#81
3,3'-Dichlorobenzidine
Concen: 23.645 ng
RT: 13.50 min Scan# 1992
Delta R.T. -0.08 min
Lab File: BF097392.D
Acq: 5 Aug 2017 12:53

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.5	77.3
126	16.4	15.8	23.8





#82

Chrysene

Concen: 40.245 ng

RT: 13.57 min Scan# 2004

Delta R.T. -0.08 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

Instrument :

BNA_F

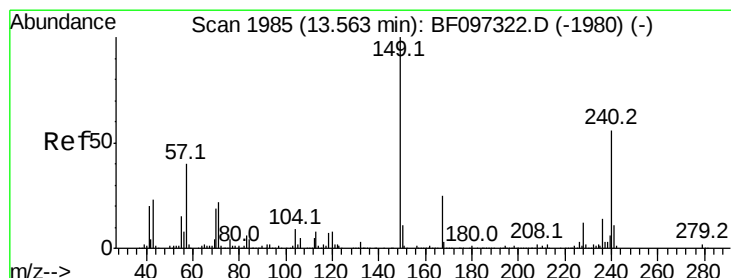
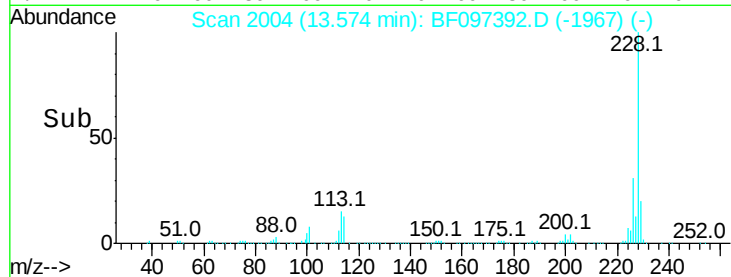
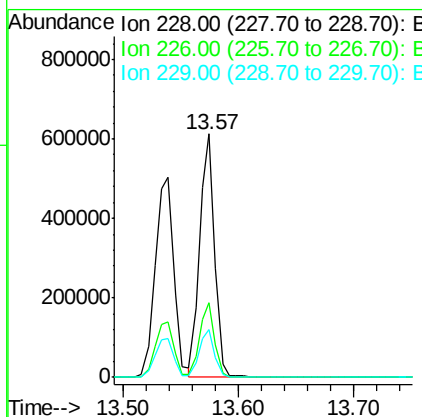
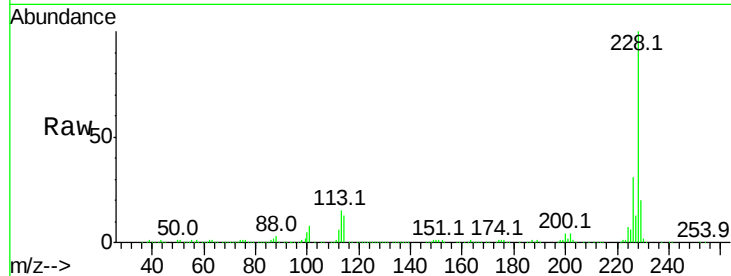
ClientSampleId :

PB101266BS

Tot Ion:	228	Resp:	562439
Ion Ratio	Lower	Upper	
228	100		
226	30.8	24.9	37.3
229	19.5	15.8	23.6

Manual Integrations
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#83

Bis(2-ethylhexyl)phthalate

Concen: 47.446 ng

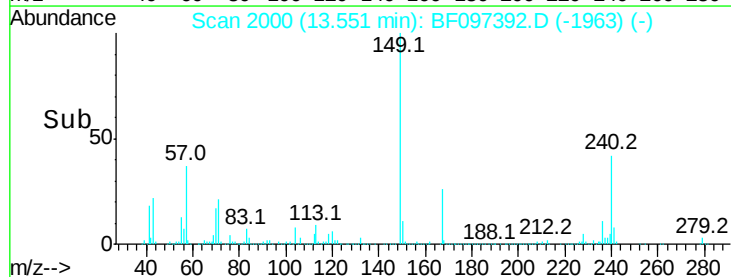
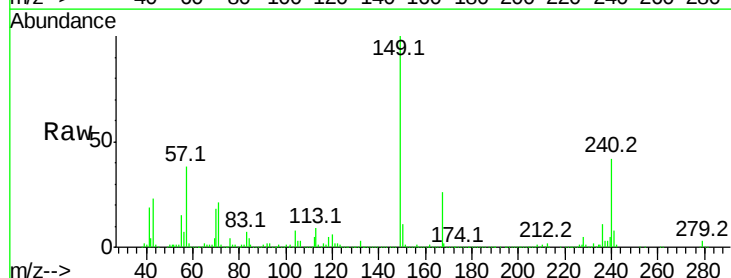
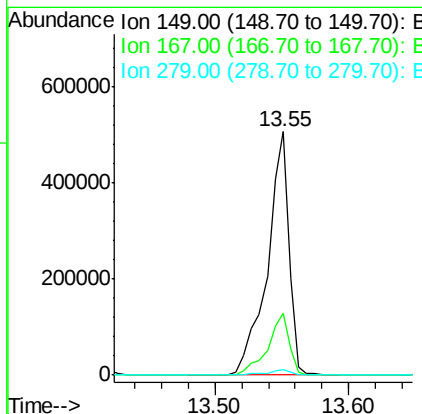
RT: 13.55 min Scan# 2000

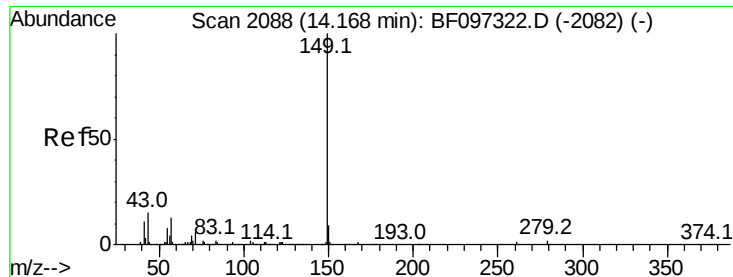
Delta R.T. -0.08 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

Tgt Ion:	149	Resp:	570622
Ion Ratio	Lower	Upper	
149	100		
167	25.6	21.0	31.4
279	2.5	1.9	2.9





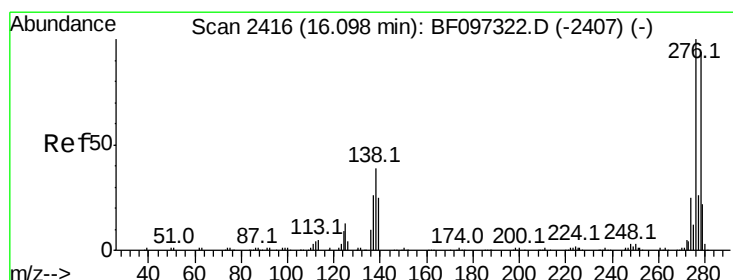
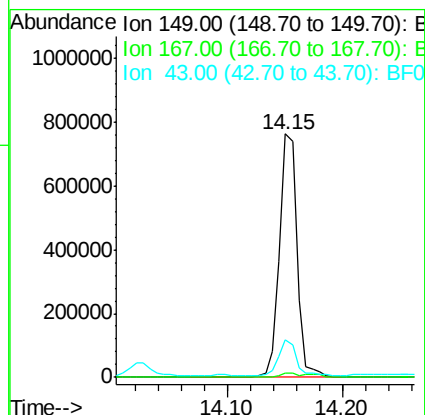
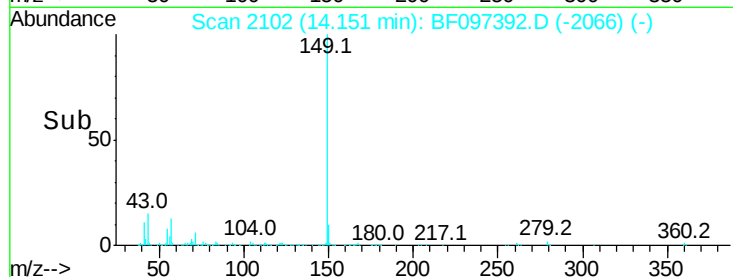
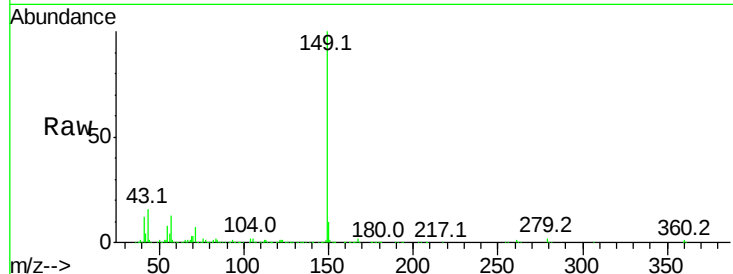
#84
Di-n-octyl phthalate
Concen: 36.639 ng
RT: 14.15 min Scan# 2102
Delta R.T. -0.09 min
Lab File: BF097392.D
Acq: 5 Aug 2017 12:53

Instrument :
BNA_F
ClientSampleId :
PB101266BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.9	1.2	1.8	
43	14.4	8.5	12.7	

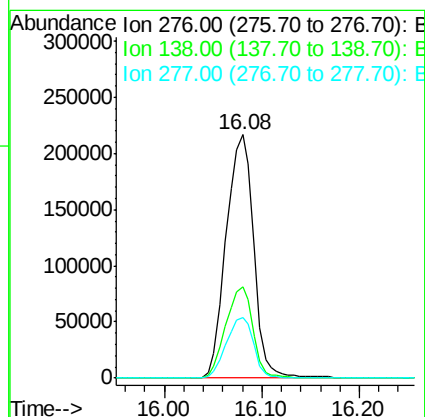
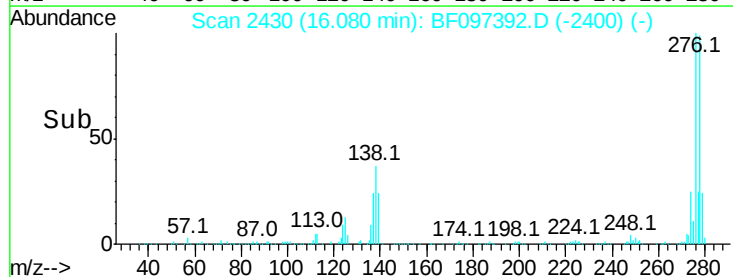
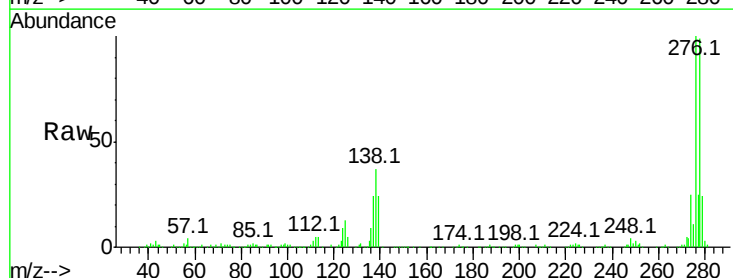
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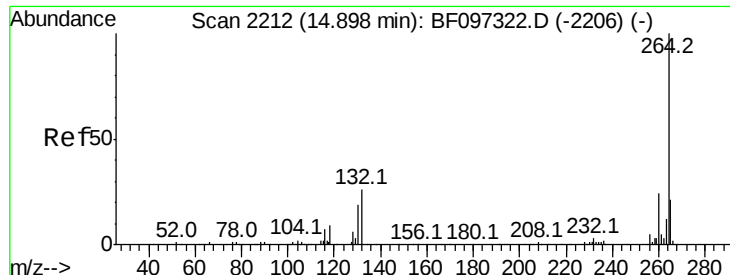
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#85
Indeno(1,2,3-cd)pyrene
Concen: 35.364 ng
RT: 16.08 min Scan# 2430
Delta R.T. -0.12 min
Lab File: BF097392.D
Acq: 5 Aug 2017 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	37.3	27.8	41.6	
277	25.0	20.2	30.4	





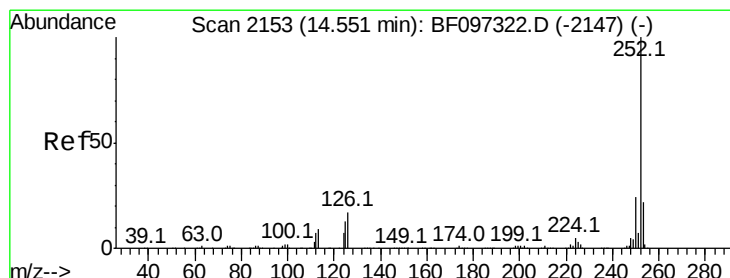
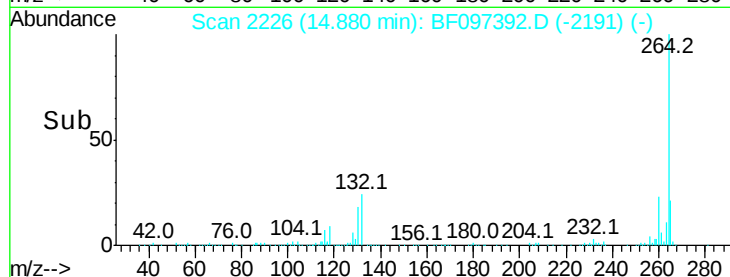
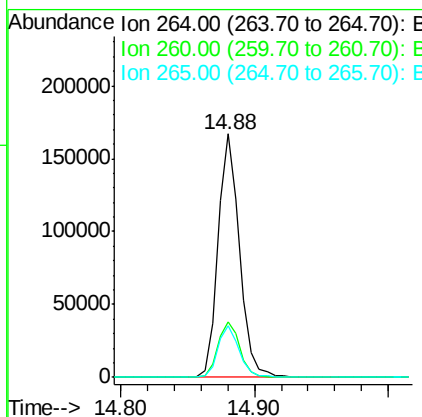
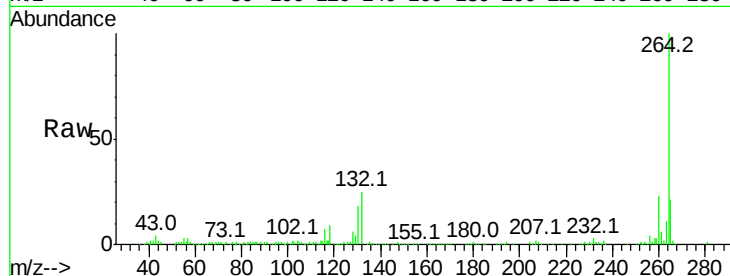
#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.88 min Scan# 2226
Delta R.T. -0.09 min
Lab File: BF097392.D
Acq: 5 Aug 2017 12:53

Instrument :
BNA_F
ClientSampleId :
PB101266BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	21.3	17.2	25.8

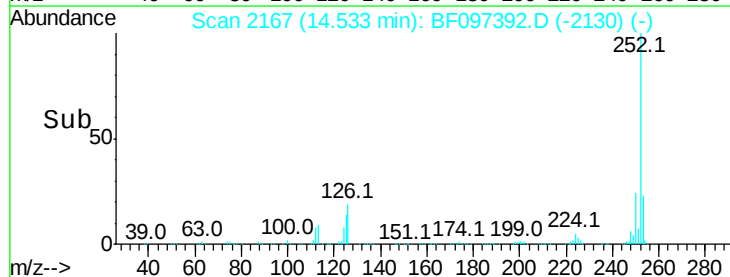
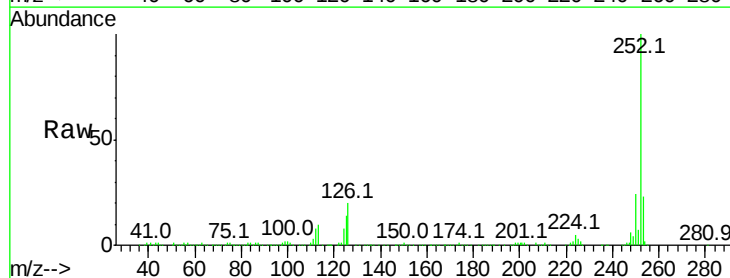
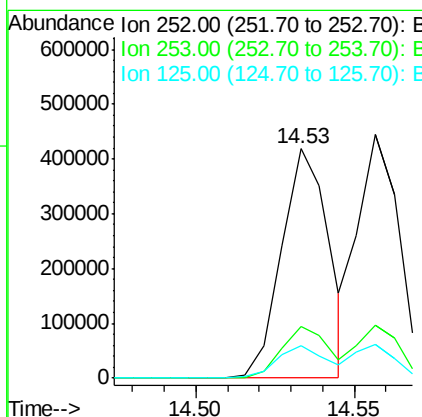
Manual Integrations
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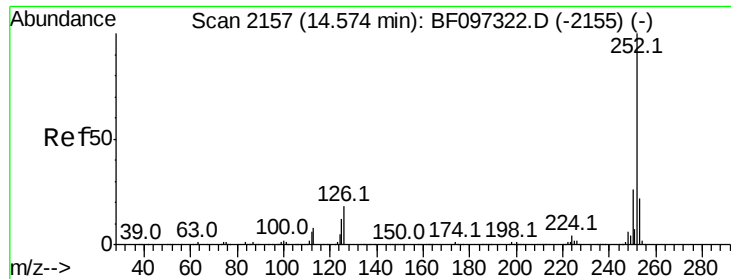
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#87
Benzo(b)fluoranthene
Concen: 38.189 ng
RT: 14.53 min Scan# 2167
Delta R.T. -0.08 min
Lab File: BF097392.D
Acq: 5 Aug 2017 12:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	14.4	9.8	14.8





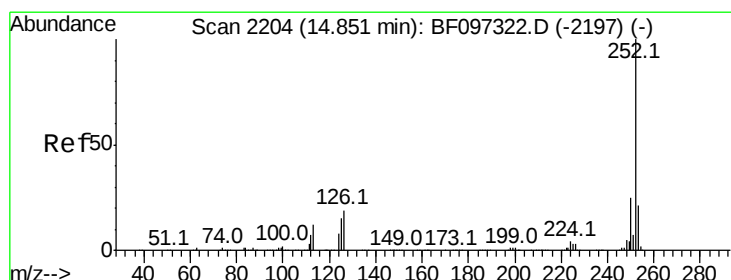
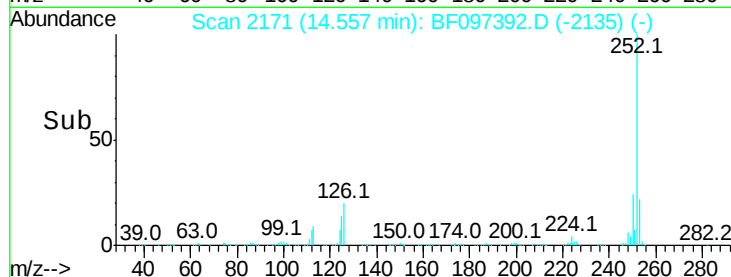
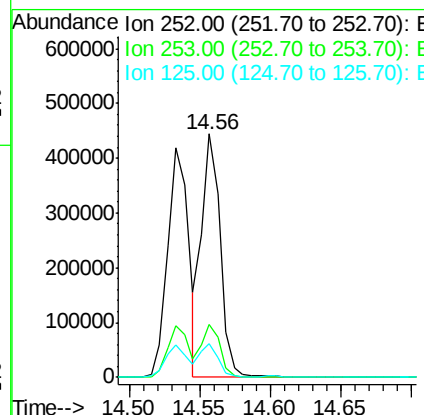
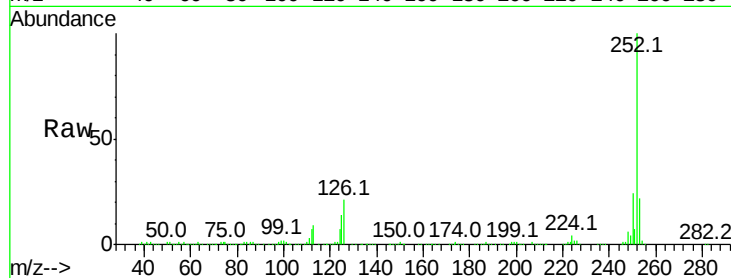
#88
 Benzo(k)fluoranthene
 Concen: 37.625 ng
 RT: 14.56 min Scan# 2171
 Delta R.T. -0.09 min
 Lab File: BF097392.D
 Acq: 5 Aug 2017 12:53

Instrument :
 BNA_F
 ClientSampleId :
 PB101266BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.4	27.6
125	14.0	13.1	19.7

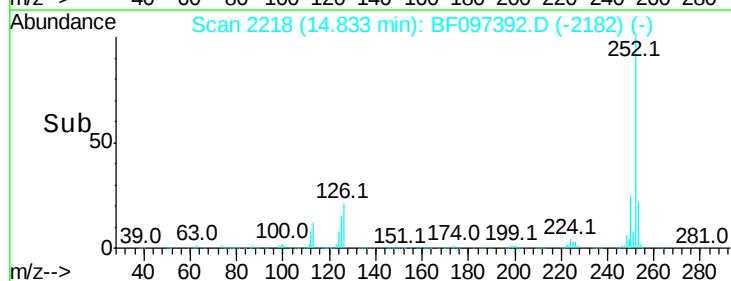
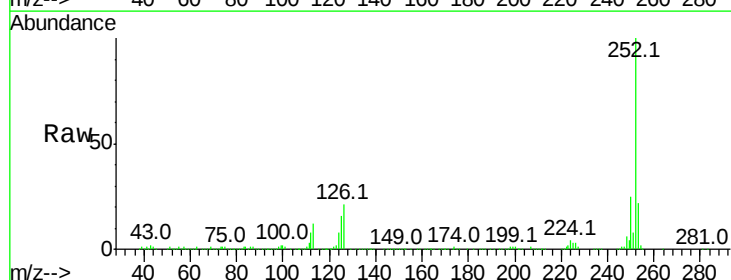
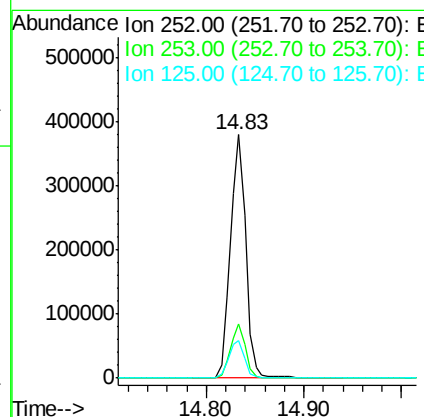
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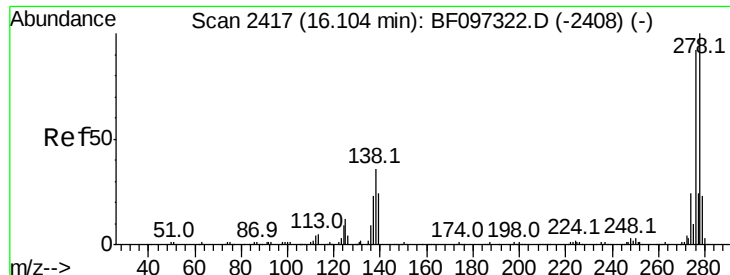
Sohil
 8/7/2017 6:00:40 PM



#89
 Benzo(a)pyrene
 Concen: 39.952 ng
 RT: 14.83 min Scan# 2218
 Delta R.T. -0.09 min
 Lab File: BF097392.D
 Acq: 5 Aug 2017 12:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	15.6	11.0	16.4





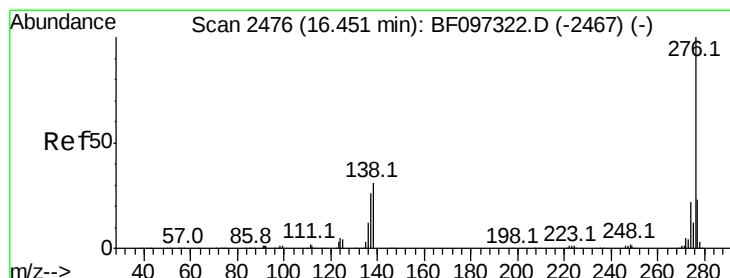
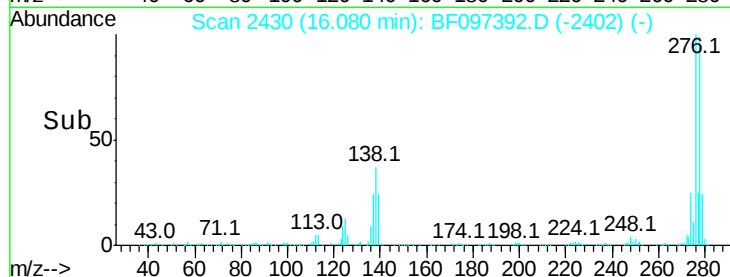
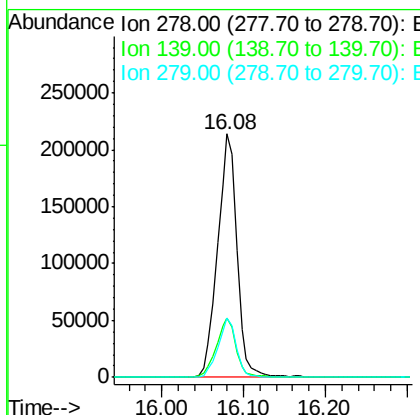
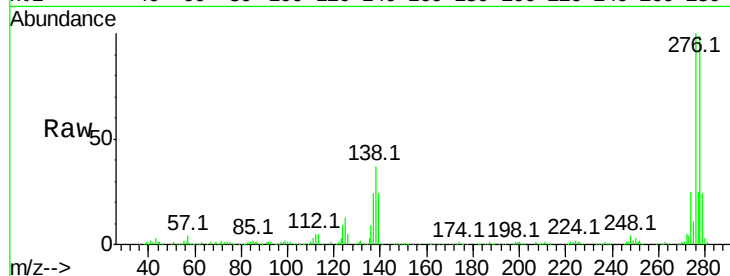
#90
Dibenzo(a,h)anthracene
Concen: 41.468 ng
RT: 16.08 min Scan# 2430
Delta R.T. -0.14 min
Lab File: BF097392.D
Acq: 5 Aug 2017 12:53

Instrument :
BNA_F
ClientSampleId :
PB101266BS

Tot Ion	Ratio	Resp	Lower	Upper
278	100			
139	24.1	16.6	24.8	
279	24.4	19.3	28.9	

Manual Integrations
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8/7/2017 6:00:40 PM



#91
Benzo(g,h,i)perylene
Concen: 43.582 ng
RT: 16.43 min Scan# 2489
Delta R.T. -0.14 min
Lab File: BF097392.D
Acq: 5 Aug 2017 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
277	23.5	18.6	28.0	
138	34.1	25.4	38.0	

