

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080417\
 Data File : BF097354.D
 Acq On : 4 Aug 2017 14:22
 Operator : SJ/JU
 Sample : PB101182BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101182BSD

Manual Integrations
 APPROVED

Sohil
 8/7/2017 6:09:28 PM

Quant Time: Aug 04 17:08:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 16:25:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.44	152	90998	20.00	ng	0.00
21) Naphthalene-d8	7.72	136	405383	20.00	ng	0.00
38) Acenaphthene-d10	9.46	164	173644	20.00	ng	0.00
63) Phenanthrene-d10	10.93	188	302180	20.00	ng	0.00
75) Chrysene-d12	13.56	240	201710	20.00	ng	0.00
86) Perylene-d12	14.89	264	172785	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.05	112	580690	96.20	ng	0.01
7) Phenol-d6	6.11	99	617311	89.58	ng	0.00
23) Nitrobenzene-d5	7.02	82	574543	83.14	ng	0.00
41) 2,4,6-Tribromophenol	10.25	330	124631	90.84	ng	0.00
44) 2-Fluorobiphenyl	8.80	172	947169	92.57	ng	0.00
78) Terphenyl-d14	12.52	244	799393	80.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.01	88	105526	41.891	ng	# 72
3) Pyridine	2.61	79	343689	44.556	ng	# 65
4) n-Nitrosodimethylamine	2.58	42	205150	48.007	ng	80
6) Aniline	6.10	93	317411	36.602	ng	91
8) 2-Chlorophenol	6.23	128	295393	45.765	ng	97
9) Benzaldehyde	5.98	77	147911	36.262	ng	96
10) Phenol	6.13	94	352148	43.081	ng	95
11) bis(2-Chloroethyl)ether	6.19	93	287469	44.466	ng	91
12) 1,3-Dichlorobenzene	6.37	146	296832	42.673	ng	98
13) 1,4-Dichlorobenzene	6.46	146	290325	42.116	ng	96
14) 1,2-Dichlorobenzene	6.61	146	258400	42.931	ng	99
15) Benzyl Alcohol	6.60	79	217245	49.792	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.73	45	566708	43.704	ng	59
17) 2-Methylphenol	6.73	107	227783	45.725	ng	# 88
18) Hexachloroethane	6.95	117	112969	44.795	ng	# 79
19) n-Nitroso-di-n-propylamine	6.87	70	206044	45.424	ng	# 82
20) 3+4-Methylphenols	6.89	107	320770	49.301	ng	# 61
22) Acetophenone	6.86	105	406235	41.729	ng	97
24) Nitrobenzene	7.03	77	297980	41.404	ng	94
25) Isophorone	7.27	82	484801	35.824	ng	97
26) 2-Nitrophenol	7.35	139	166738	42.823	ng	# 87
27) 2,4-Dimethylphenol	7.41	122	245842	38.276	ng	95
28) bis(2-Chloroethoxy)methane	7.49	93	340671	38.575	ng	99
29) 2,4-Dichlorophenol	7.60	162	244994	44.277	ng	97
30) 1,2,4-Trichlorobenzene	7.67	180	222283	42.146	ng	97
31) Naphthalene	7.75	128	782683	40.958	ng	99
32) Benzoic acid	7.58	122	169800	35.404	ng	91
33) 4-Chloroaniline	7.80	127	240450	30.924	ng	98
34) Hexachlorobutadiene	7.87	225	113159	40.471	ng	99
35) Caprolactam	8.19	113	90707m	51.124	ng	
36) 4-Chloro-3-methylphenol	8.32	107	268572	44.491	ng	90
37) 2-Methylnaphthalene	8.43	142	559888	46.275	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.60	216	189589	40.919	ng	99
40) Hexachlorocyclopentadiene	8.59	237	111697	69.852	ng	98

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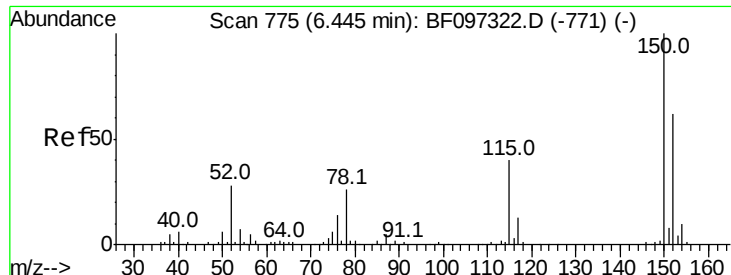
Manual Integrations
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Sohil
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.73	196	135811	40.449	nq	97
43) 2,4,5-Trichlorophenol	8.77	196	142319	42.348	nq	97
45) 1,1'-Biphenyl	8.90	154	592365	39.939	nq	98
46) 2-Chloronaphthalene	8.92	162	481710	44.135	nq	96
47) 2-Nitroaniline	9.03	65	185337	46.791	nq	96
48) Acenaphthylene	9.33	152	722997	43.157	nq	99
49) Dimethylphthalate	9.21	163	556128	42.175	nq	99
50) 2,6-Dinitrotoluene	9.27	165	123245	44.068	nq #	89
51) Acenaphthene	9.50	154	411461	41.697	nq	98
52) 3-Nitroaniline	9.44	138	119791	34.508	nq	92
53) 2,4-Dinitrophenol	9.56	184	96675	76.026	nq #	76
54) Dibenzofuran	9.67	168	650857	49.518	nq	95
55) 4-Nitrophenol	9.64	139	142055	68.812	nq #	66
56) 2,4-Dinitrotoluene	9.68	165	164161	51.060	nq #	74
57) Fluorene	10.01	166	486464	49.243	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.80	232	106247	45.788	nq	96
59) Diethylphthalate	9.90	149	583989	48.273	nq	99
60) 4-Chlorophenyl-phenylether	10.00	204	193192	47.358	nq	99
61) 4-Nitroaniline	10.05	138	155911	47.268	nq	95
62) Azobenzene	10.17	77	521656	46.482	nq	91
64) 4,6-Dinitro-2-methylphenol	10.09	198	81181	43.234	nq	91
65) n-Nitrosodiphenylamine	10.13	169	440542	41.900	nq	97
66) 4-Bromophenyl-phenylether	10.49	248	136504	45.265	nq	98
67) Hexachlorobenzene	10.56	284	141977	41.983	nq #	92
68) Atrazine	10.67	200	140621	46.642	nq	96
69) Pentachlorophenol	10.76	266	94694	67.676	nq	96
70) Phenanthrene	10.96	178	727941	44.960	nq	99
71) Anthracene	11.02	178	738931	44.560	nq	99
72) Carbazole	11.17	167	760352	46.622	nq	99
73) Di-n-butylphthalate	11.52	149	861188	42.718	nq	98
74) Fluoranthene	12.14	202	771986	48.670	nq	98
76) Benzidine	12.27	184	388198	51.868	nq #	92
77) Pyrene	12.36	202	768845	46.559	nq	100
79) Butylbenzylphthalate	13.00	149	382487	45.535	nq #	83
80) Benzo(a)anthracene	13.54	228	580713	44.494	nq	99
81) 3,3'-Dichlorobenzidine	13.52	252	152465	30.978	nq #	97
82) Chrysene	13.59	228	585151	45.915	nq	99
83) Bis(2-ethylhexyl)phthalate	13.56	149	450950	41.117	nq #	100
84) Di-n-octyl phthalate	14.16	149	756289	37.577	nq #	94
85) Indeno(1,2,3-cd)pyrene	16.10	276	398511	36.467	nq	100
87) Benzo(b)fluoranthene	14.54	252	466329	44.898	nq	99
88) Benzo(k)fluoranthene	14.57	252	420465	42.482	nq	96
89) Benzo(a)pyrene	14.84	252	419096	44.088	nq	98
90) Dibenzo(a,h)anthracene	16.10	278	327400	41.999	nq	97
91) Benzo(g,h,i)perylene	16.45	276	351836	43.039	nq	96

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



#1

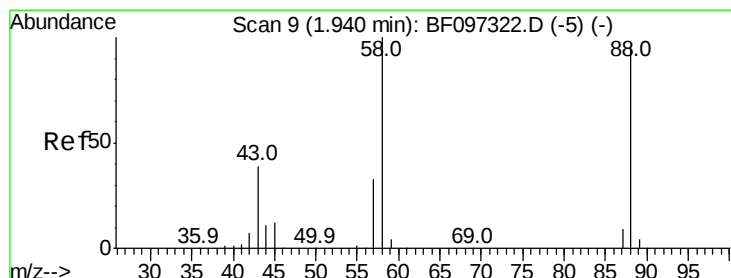
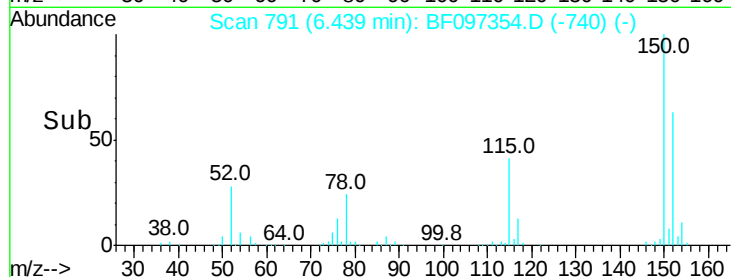
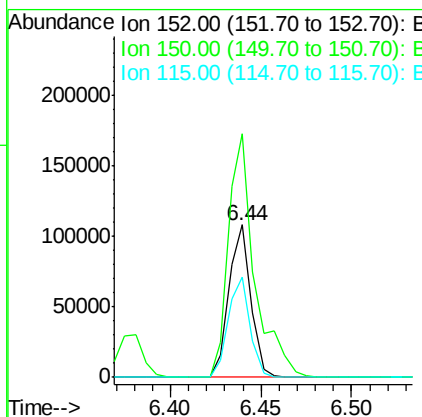
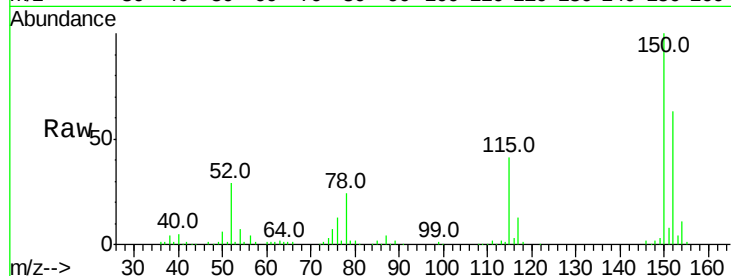
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.44 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF097354.D
Acq: 4 Aug 2017 14:22

Instrument :
BNA_F
ClientSampleId :
PB101182BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	126.2	189.2
115	65.4	52.2	78.2

Manual Integrations
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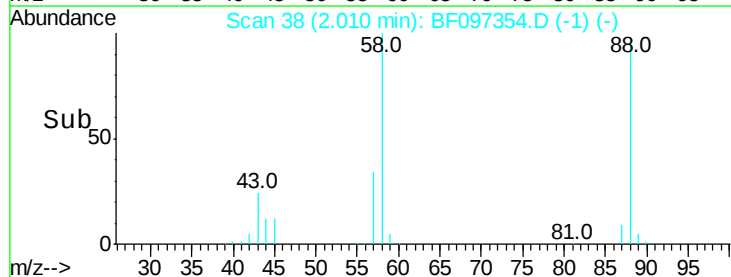
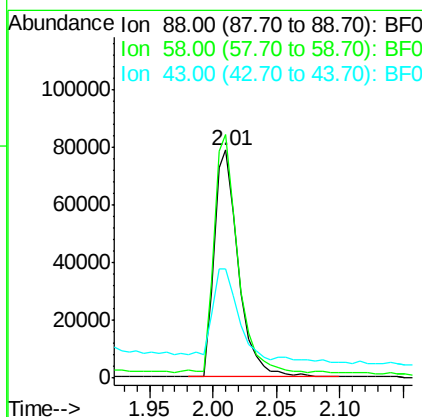
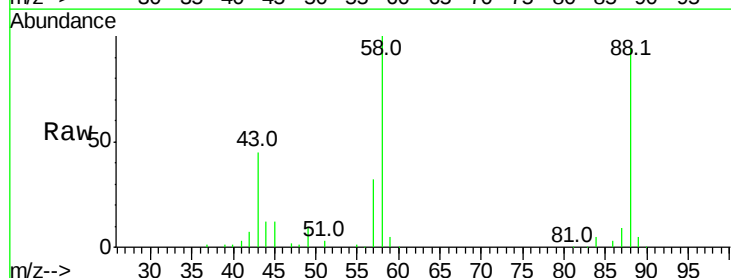
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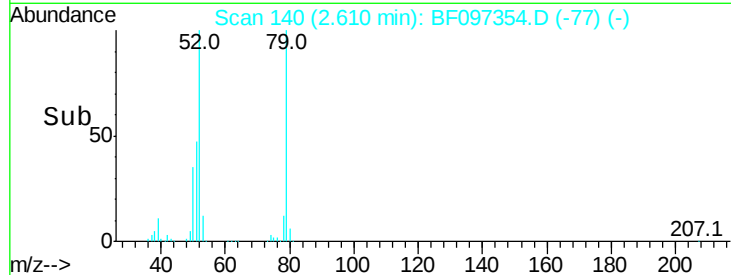
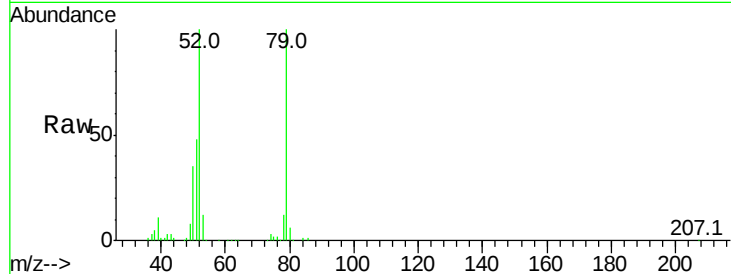
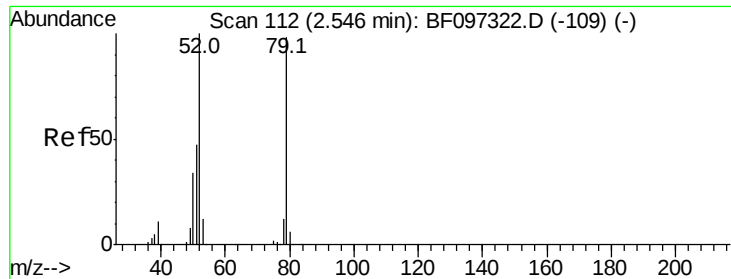


#2

1,4-Dioxane
Concen: 41.891 ng
RT: 2.01 min Scan# 38
Delta R.T. 0.08 min
Lab File: BF097354.D
Acq: 4 Aug 2017 14:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	101.6	61.4	92.0#
43	42.9	23.4	35.0#





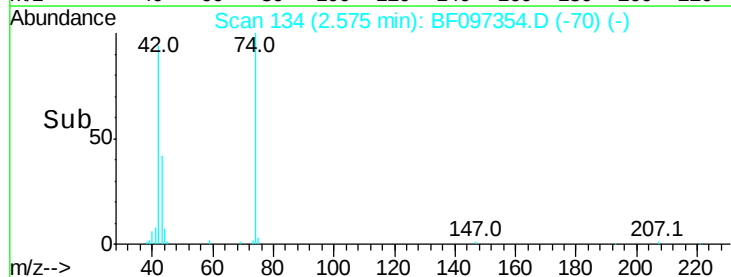
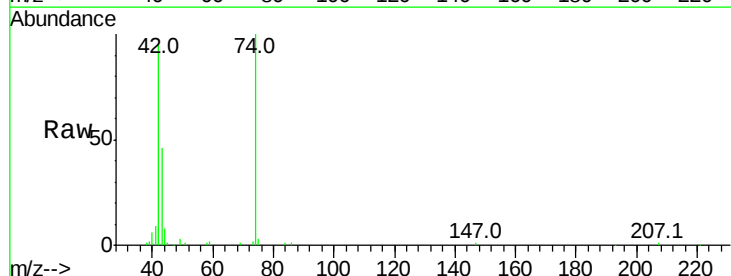
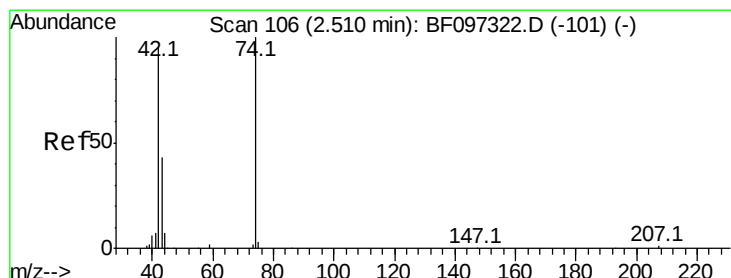
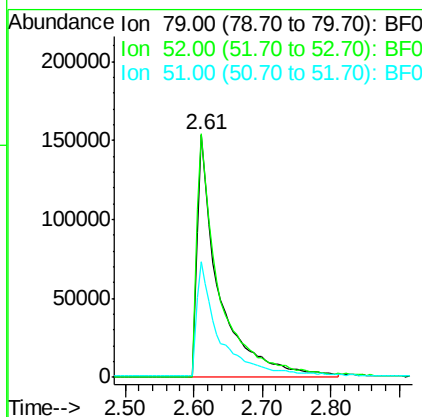
#3
Pvridine
Concen: 44.556 ng
RT: 2.61 min Scan# 140
Delta R.T. 0.07 min
Lab File: BF097354.D
Acq: 4 Aug 2017 14:22

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
52	100.4	54.8	82.2#	
51	47.8	27.0	40.4#	

Instrument :
BNA_F
ClientSampleId :
PB101182BSD

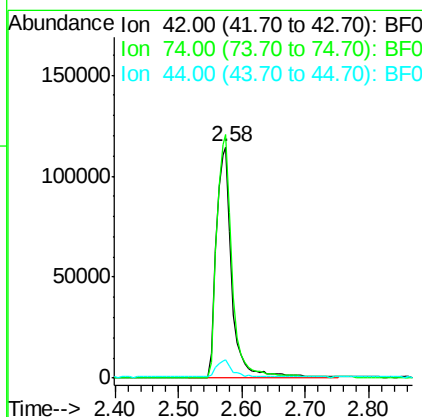
Manual Integrations
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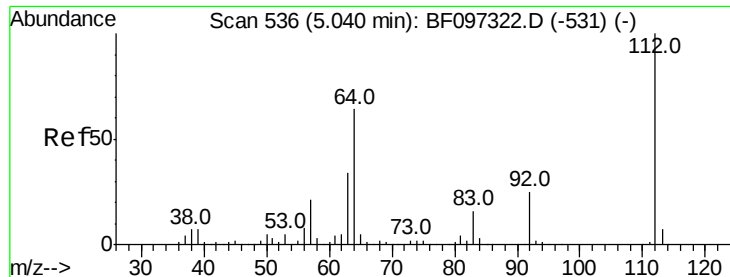
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#4
n-Nitrosodimethylamine
Concen: 48.007 ng
RT: 2.58 min Scan# 134
Delta R.T. 0.08 min
Lab File: BF097354.D
Acq: 4 Aug 2017 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
42	100			
74	105.3	103.9	155.9	
44	8.1	5.7	8.5	





#5

2-Fluorophenol

Concen: 96.198 ng

RT: 5.05 min Scan# 554

Delta R.T. 0.01 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

Instrument :

BNA_F

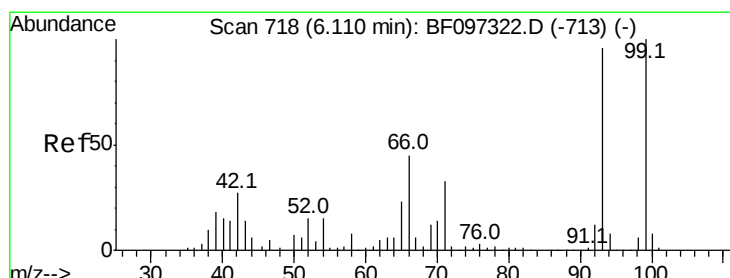
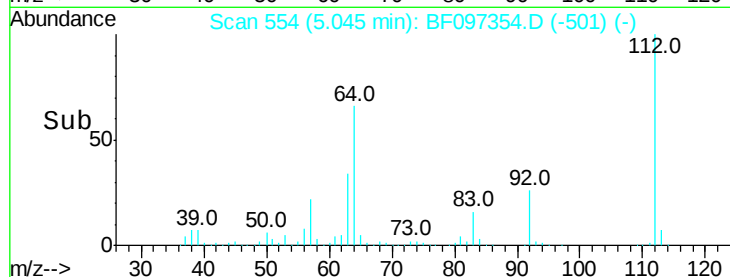
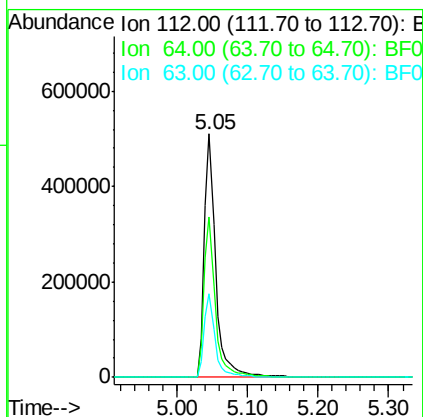
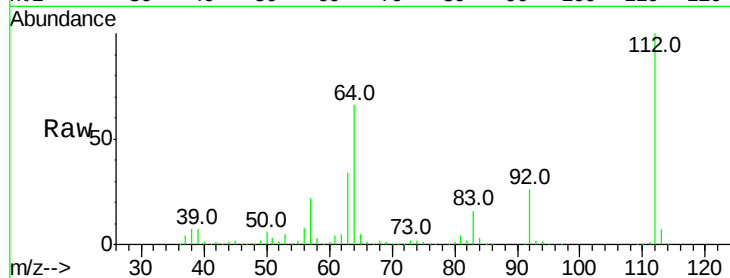
ClientSampleId :

PB101182BSD

Tot Ion:	112	Resp:	580690
Ion Ratio	Lower	Upper	
112	100		
64	66.0	46.0	69.0
63	34.2	23.4	35.0

Manual Integrations
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#6

Aniline

Concen: 36.602 ng

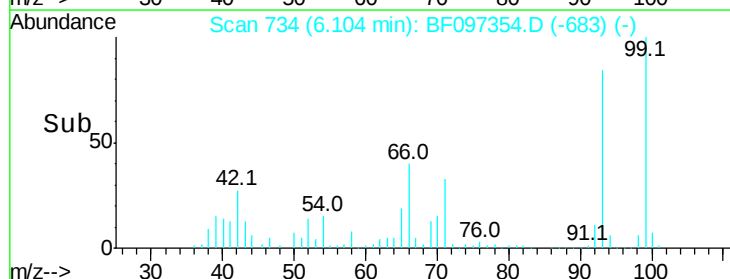
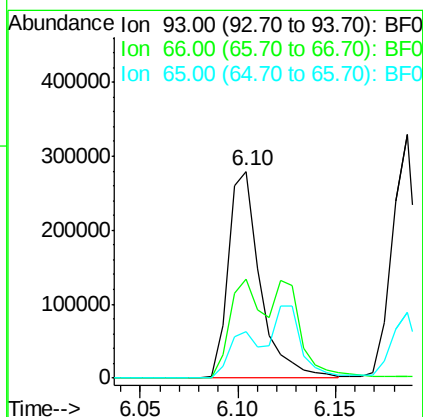
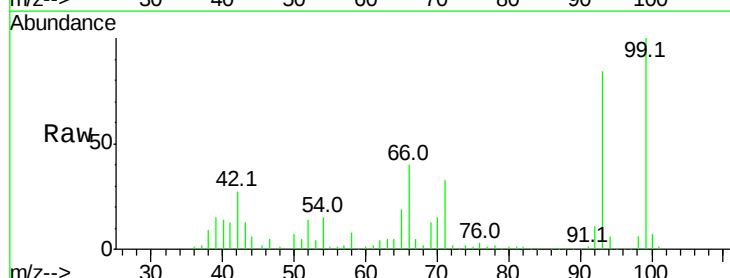
RT: 6.10 min Scan# 734

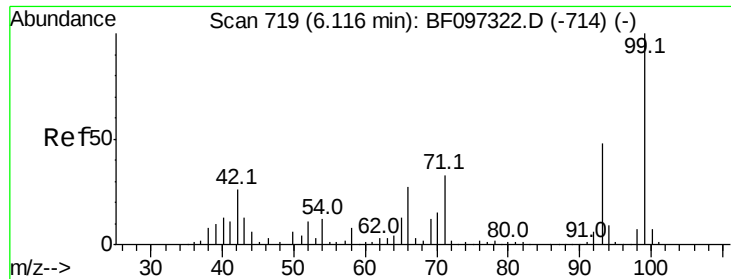
Delta R.T. -0.00 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

Tgt Ion:	93	Resp:	317411
Ion Ratio	Lower	Upper	
93	100		
66	47.5	32.9	49.3
65	22.7	16.0	24.0





#7

Phenol-d6

Concen: 89.579 ng

RT: 6.11 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

Instrument :

BNA_F

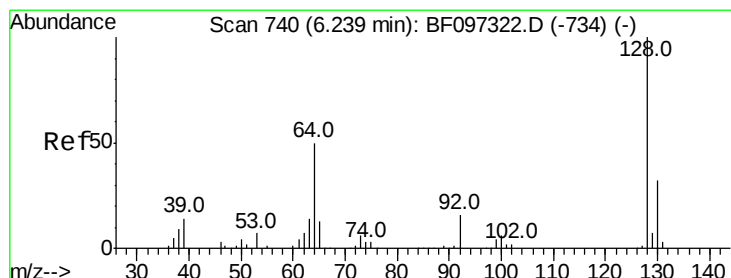
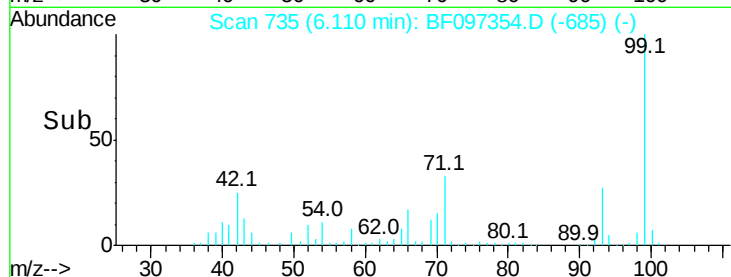
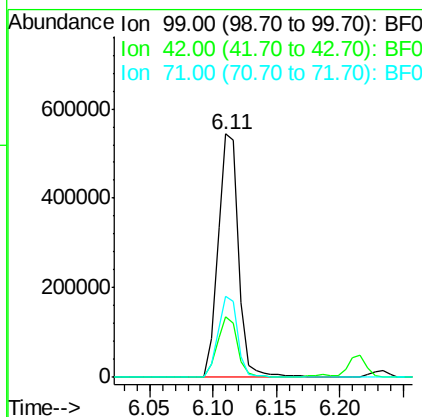
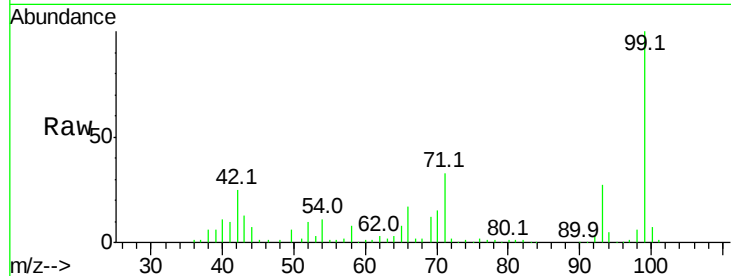
ClientSampleId :

PB101182BSD

Tot Ion:	99	Resp:	617311
Ion Ratio	Lower	Upper	
99	100		
42	25.1	13.5	20.3#
71	33.5	24.5	36.7

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#8

2-Chlorophenol

Concen: 45.765 ng

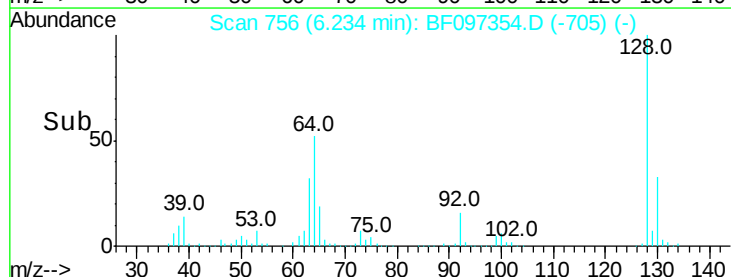
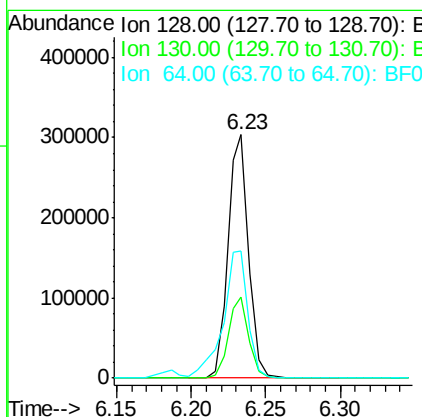
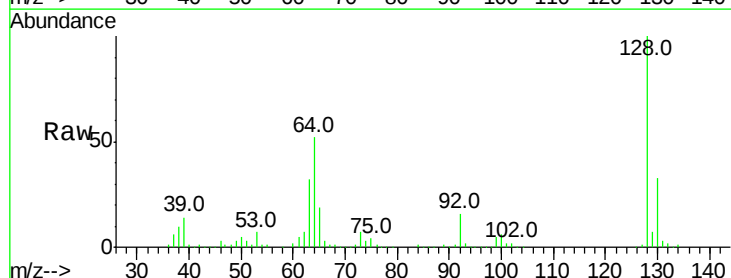
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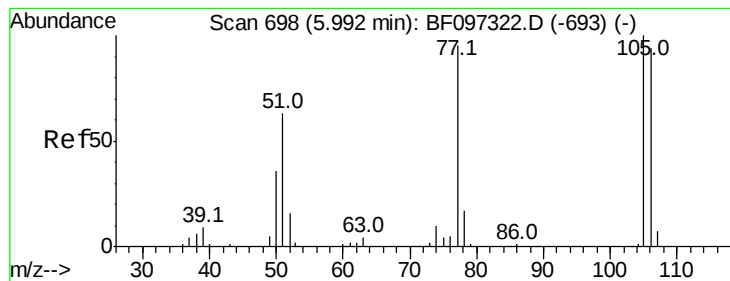
Delta R.T. -0.00 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

Tgt Ion:	128	Resp:	295393
Ion Ratio	Lower	Upper	
128	100		
130	33.2	12.9	52.9
64	52.1	28.4	68.4





#9

Benzaldehyde

Concen: 36.262 ng

RT: 5.98 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

Instrument :

BNA_F

ClientSampleId :

PB101182BSD

Tot Ion: 77 Resp: 147911

Ion Ratio Lower Upper

77 100

105 101.4 83.8 123.8

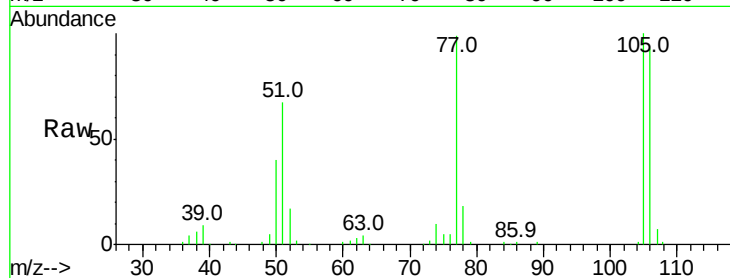
106 94.3 79.1 119.1

Manual Integrations

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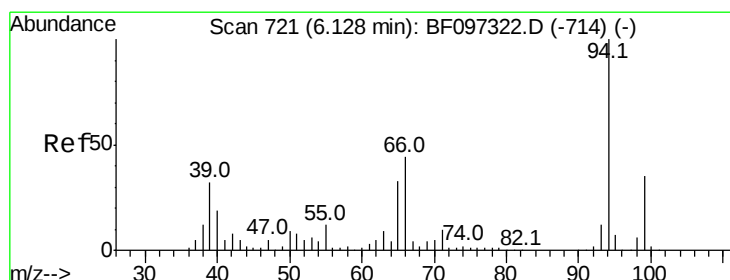
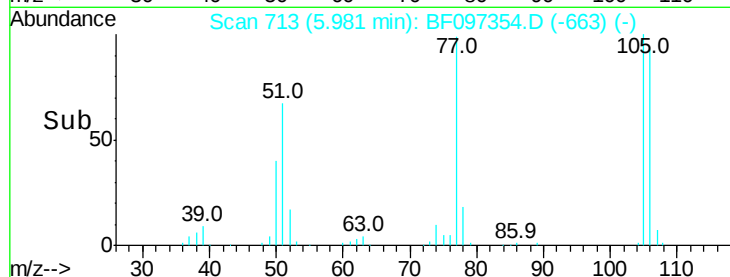
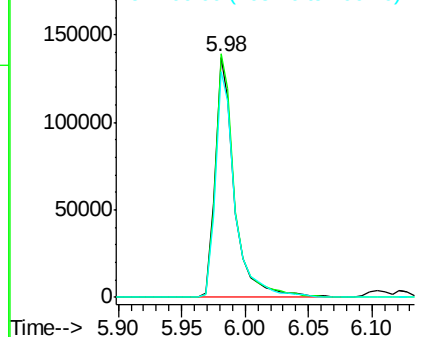
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 43.081 ng

RT: 6.13 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

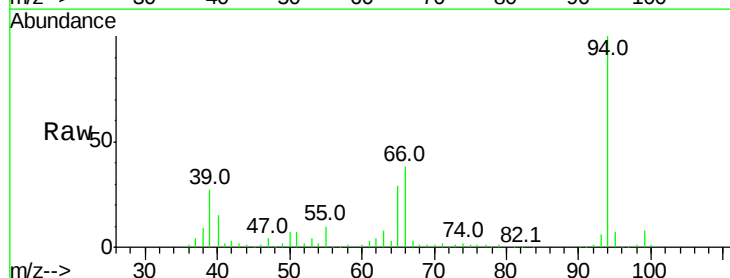
Tgt Ion: 94 Resp: 352148

Ion Ratio Lower Upper

94 100

65 29.4 9.9 49.9

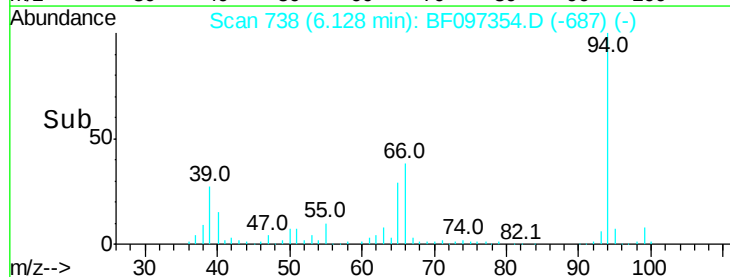
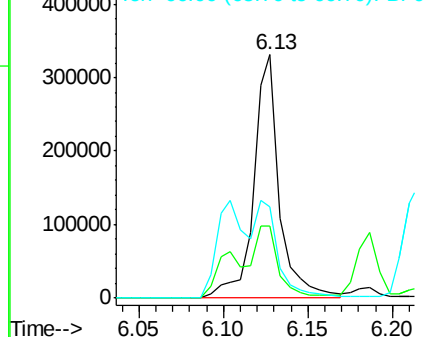
66 37.6 23.1 63.1

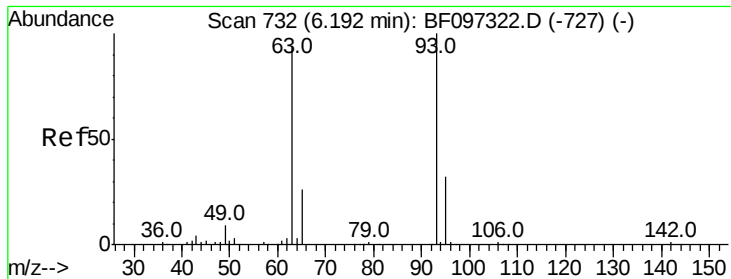


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





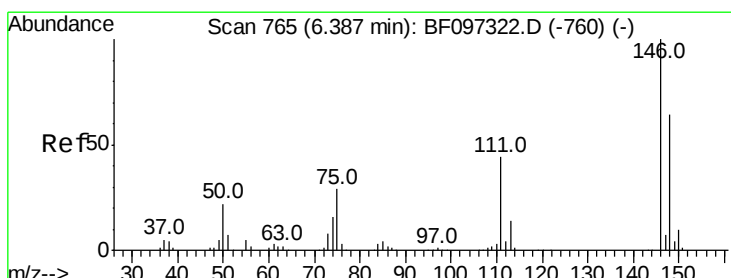
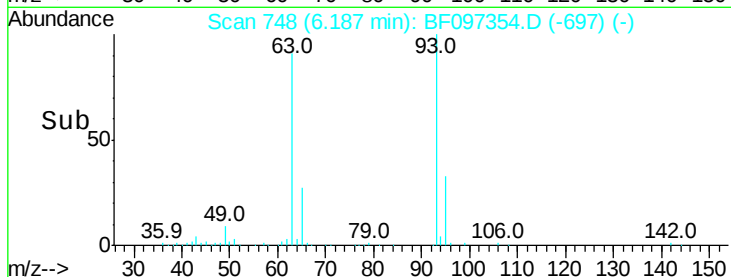
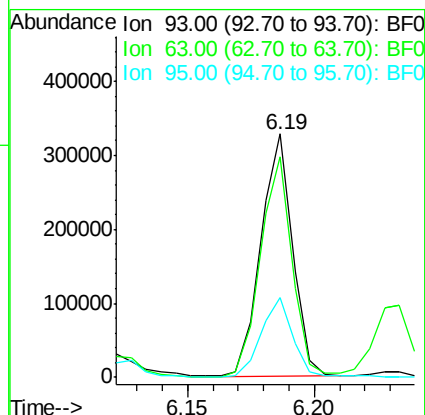
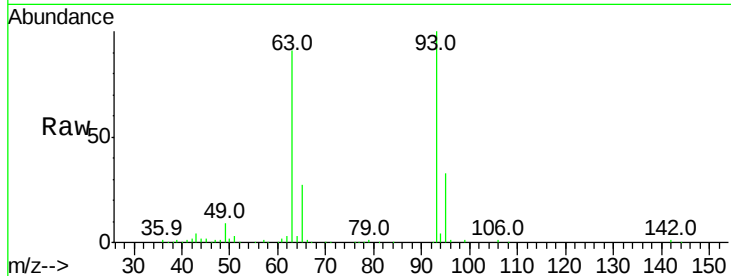
#11
bis(2-Chloroethyl)ether
Concen: 44.466 ng
RT: 6.19 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF097354.D
Acq: 4 Aug 2017 14:22

Instrument :
BNA_F
ClientSampleId :
PB101182BSD

Tot Ion	93	Ratio	100	Resp	287469
Ion	93	Ratio	100	Lower	Upper
	63	90.7		59.2	99.2
	95	32.8		12.8	52.8

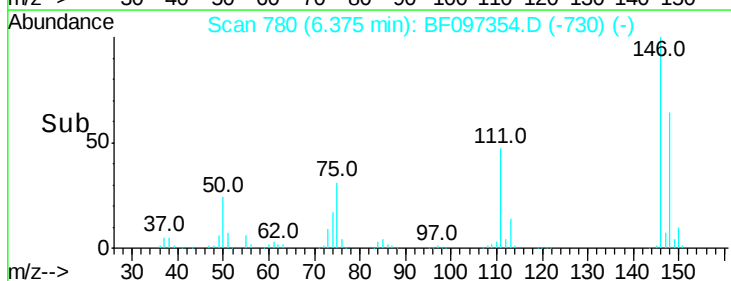
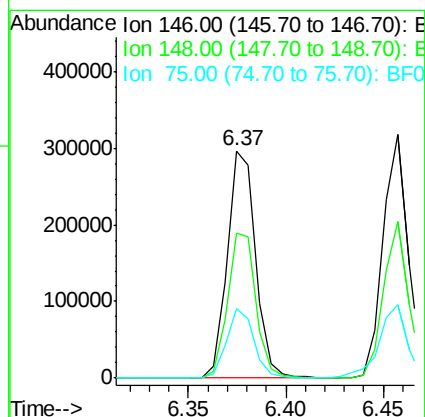
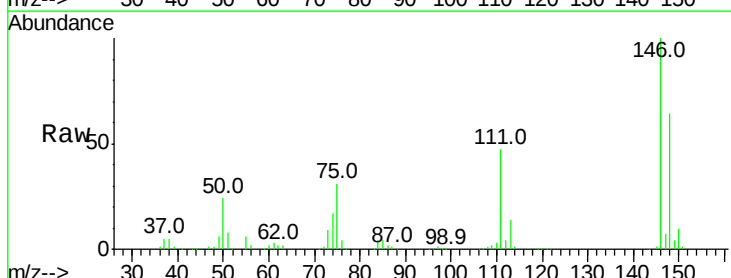
Manual Integrations
APPROVED

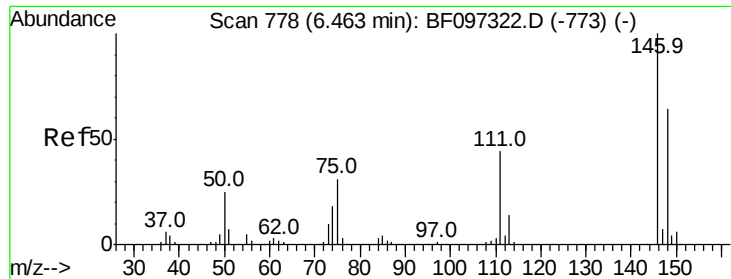
Sohil
8/7/2017 6:09:28 PM



#12
1,3-Dichlorobenzene
Concen: 42.673 ng
RT: 6.37 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF097354.D
Acq: 4 Aug 2017 14:22

Tgt Ion	146	Ratio	100	Resp	296832
Ion	146	Ratio	100	Lower	Upper
	148	63.7		51.8	77.6
	75	30.7		23.1	34.7





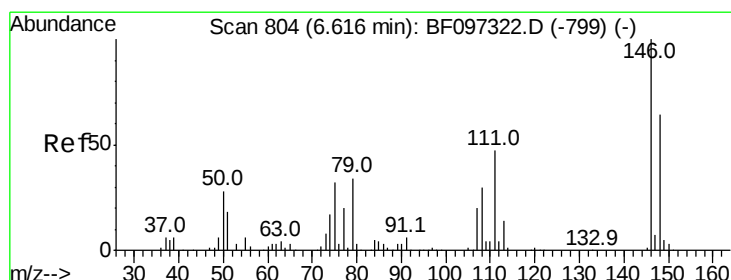
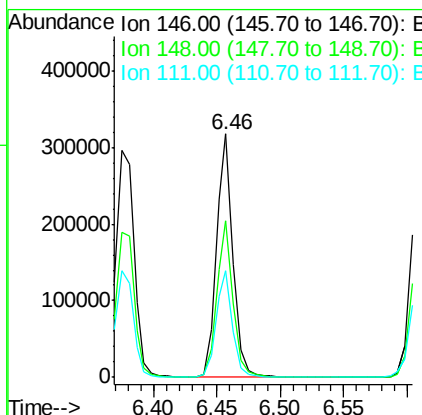
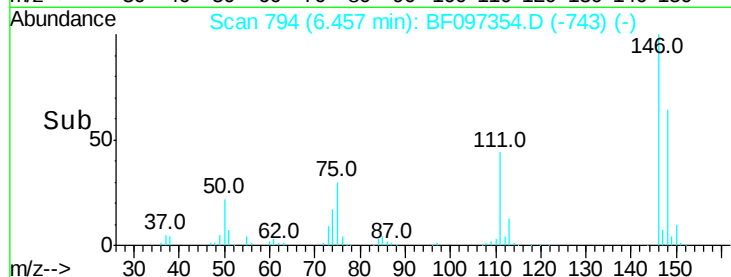
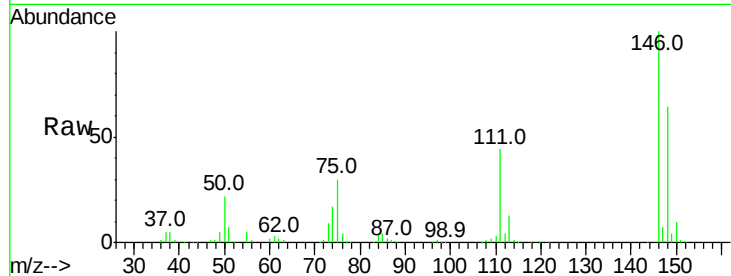
#13
 1,4-Dichlorobenzene
 Concen: 42.116 ng
 RT: 6.46 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PB101182BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.2	78.2
111	44.0	30.3	45.5

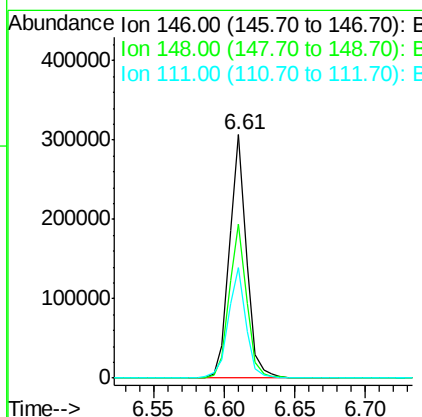
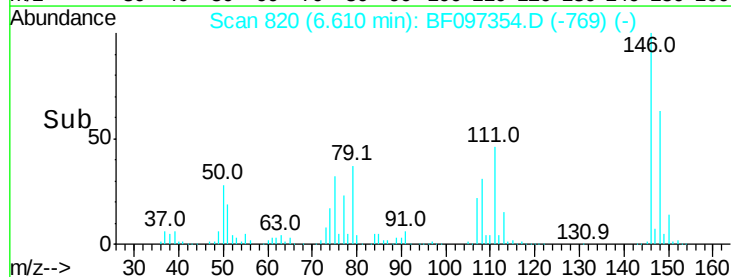
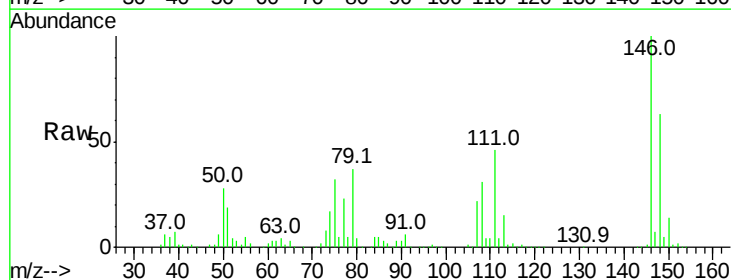
Manual Integrations
 APPROVED

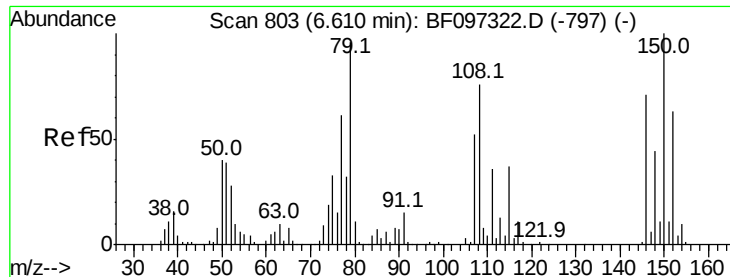
Sohil
 8/7/2017 6:09:28 PM



#14
 1,2-Dichlorobenzene
 Concen: 42.931 ng
 RT: 6.61 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.4	75.6
111	45.6	38.2	57.4





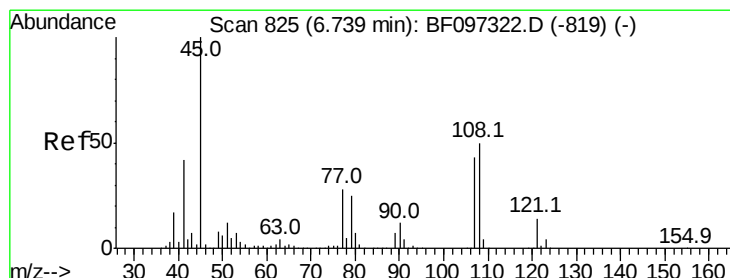
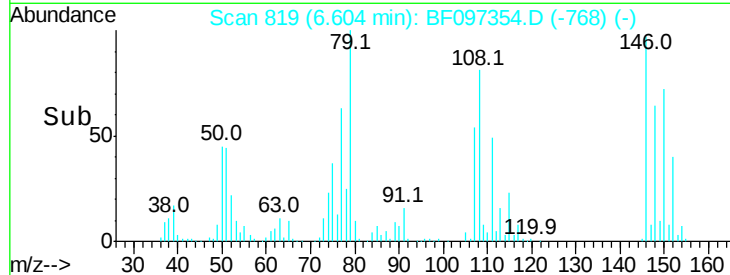
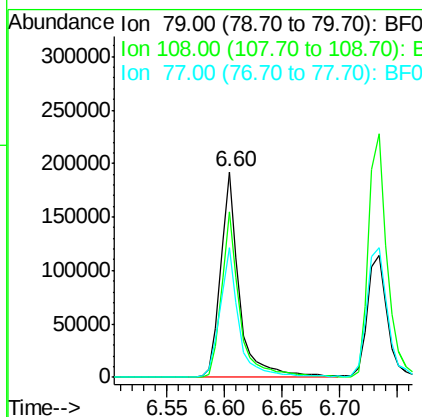
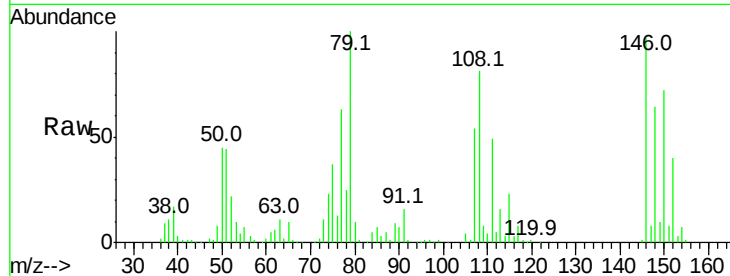
#15
Benzyl Alcohol
Concen: 49.792 ng
RT: 6.60 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF097354.D
Acq: 4 Aug 2017 14:22

Instrument :
BNA_F
ClientSampleId :
PB101182BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.9	63.4	95.0
77	63.0	49.2	73.8

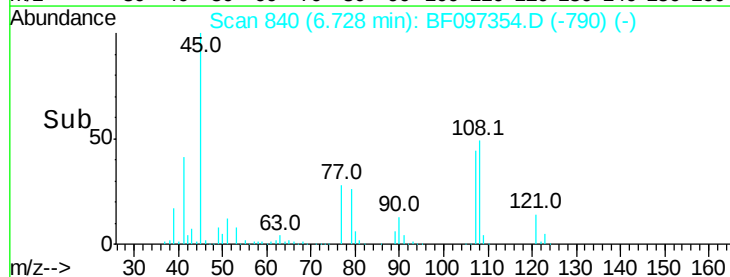
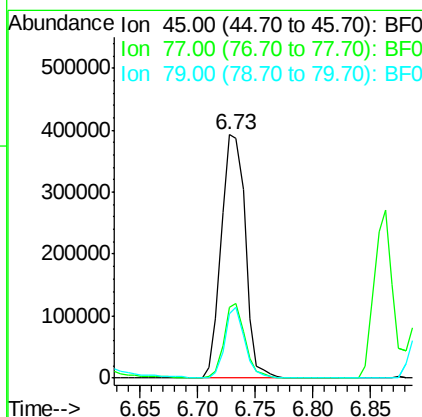
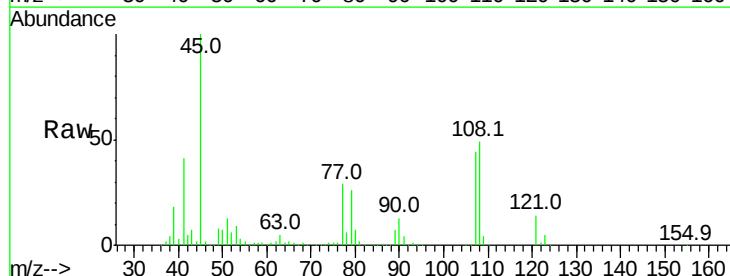
Manual Integrations
APPROVED

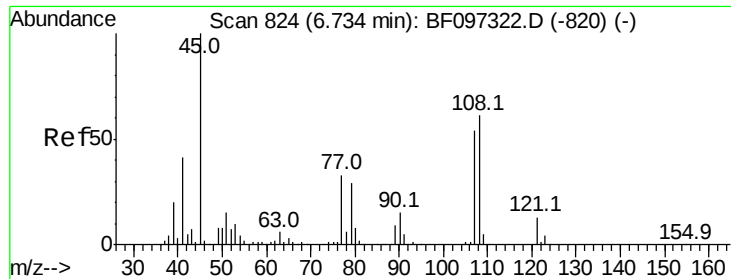
Sohil
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#16
2,2'-oxybis(1-chloropropane)
Concen: 43.704 ng
RT: 6.73 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF097354.D
Acq: 4 Aug 2017 14:22

Tgt Ion	Ratio	Lower	Upper
45	100		
77	28.9	0.0	33.2
79	26.4	0.0	30.0





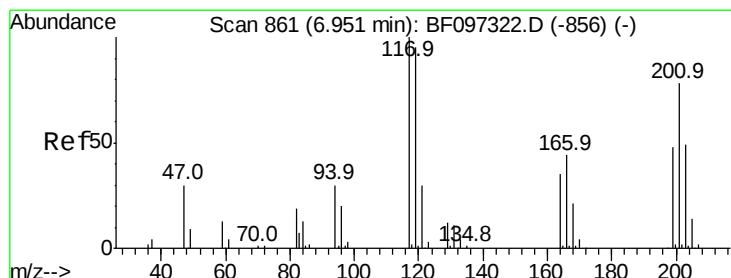
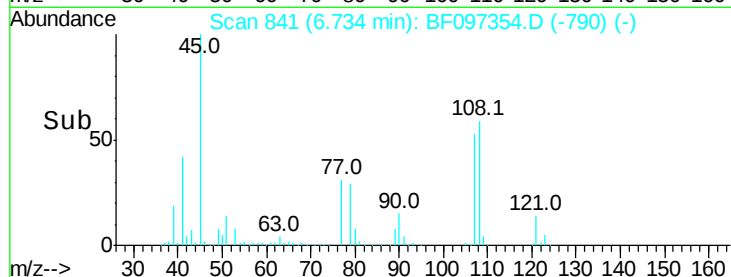
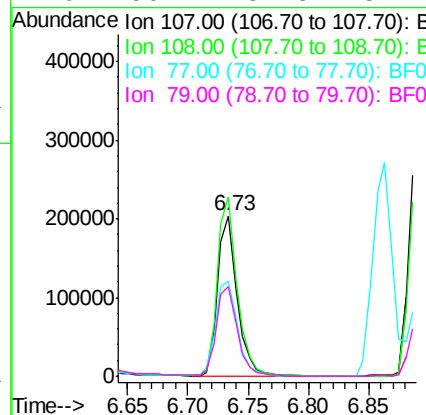
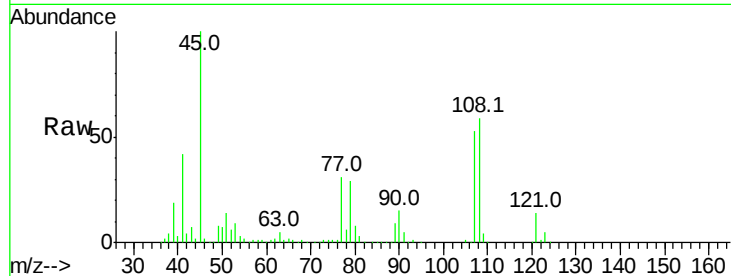
#17
2-Methylphenol
Concen: 45.725 ng
RT: 6.73 min Scan# 841
Delta R.T. -0.00 min
Lab File: BF097354.D
Acq: 4 Aug 2017 14:22

Instrument :
BNA_F
ClientSampleId :
PB101182BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.0	93.4	140.0	
77	59.5	35.8	53.6#	
79	56.1	34.8	52.2#	

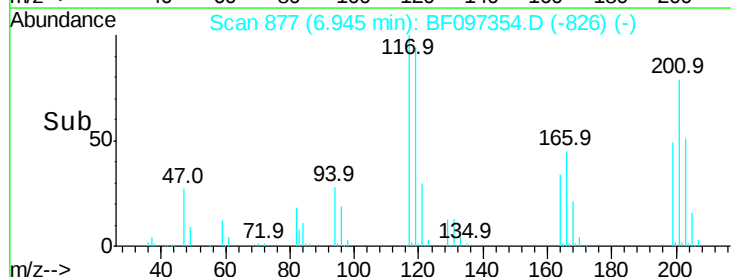
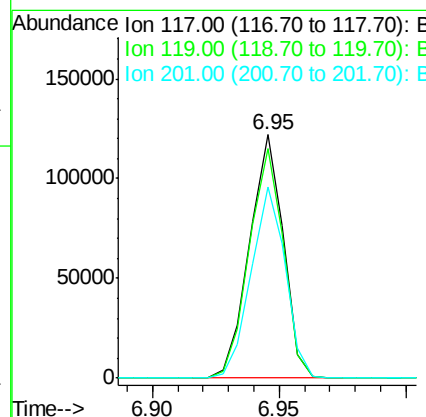
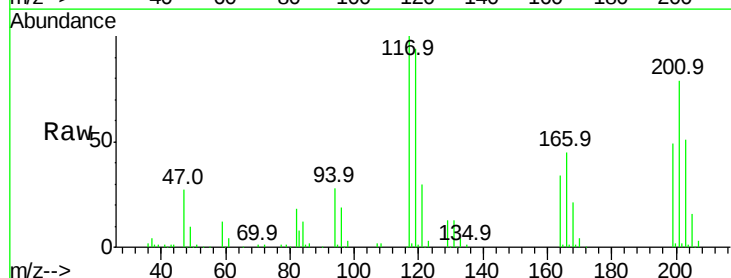
Manual Integrations
APPROVED

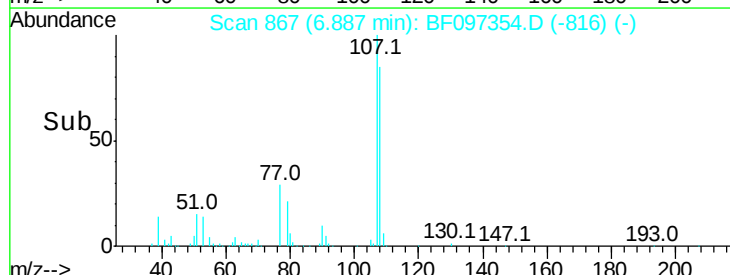
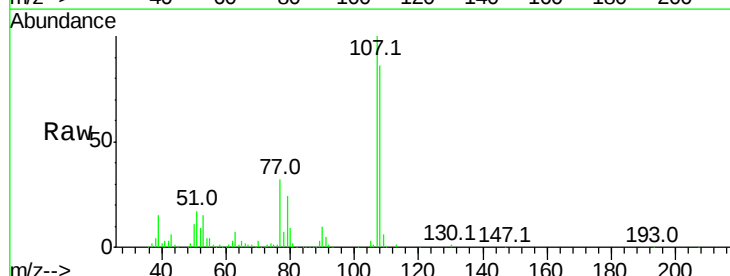
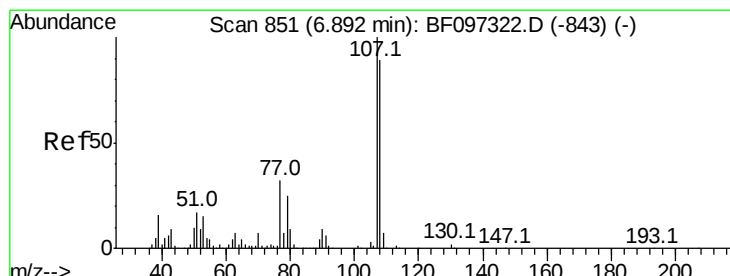
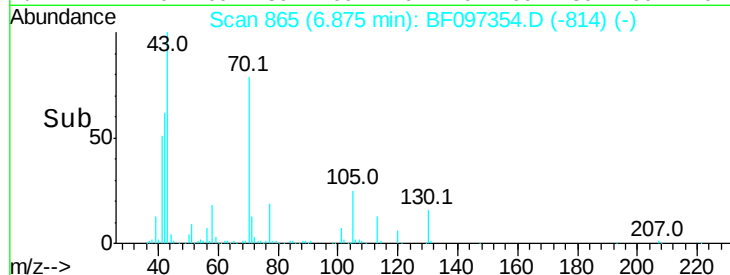
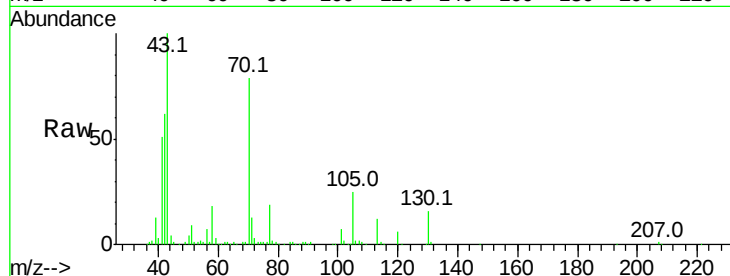
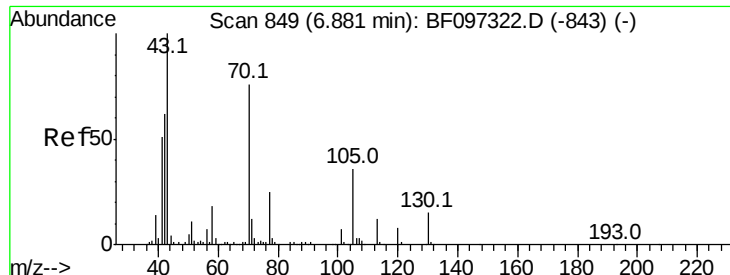
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#18
Hexachloroethane
Concen: 44.795 ng
RT: 6.95 min Scan# 877
Delta R.T. -0.00 min
Lab File: BF097354.D
Acq: 4 Aug 2017 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.2	77.4	116.0	
201	78.6	94.6	141.8#	





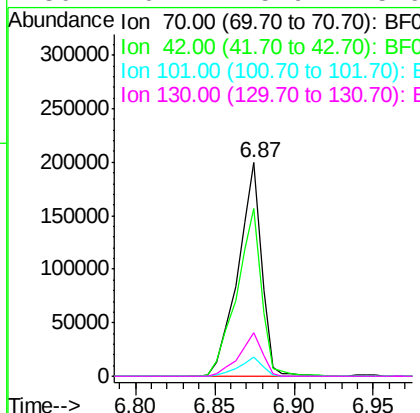
#19
n-Nitroso-di-n-propylamine
Concen: 45.424 ng
RT: 6.87 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF097354.D
Acq: 4 Aug 2017 14:22

Instrument :
BNA_F
ClientSampleId :
PB101182BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	78.6	47.2	70.8#
101	9.3	7.2	10.8
130	20.2	15.9	23.9

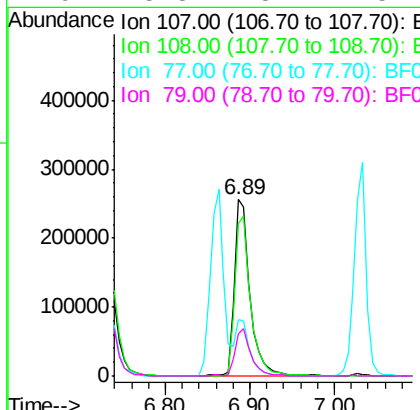
Manual Integrations
APPROVED

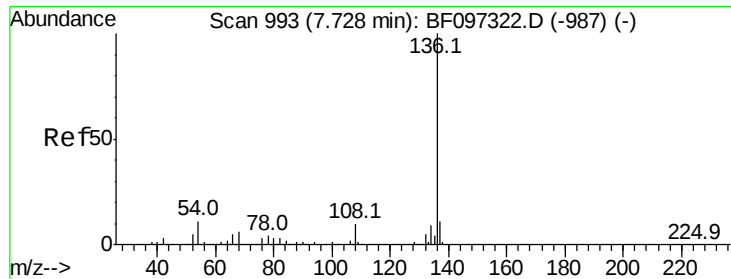
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#20
3+4-Methylphenols
Concen: 49.301 ng
RT: 6.89 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF097354.D
Acq: 4 Aug 2017 14:22

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.2	71.0	111.0
77	32.1	90.5	130.5#
79	23.8	8.4	48.4





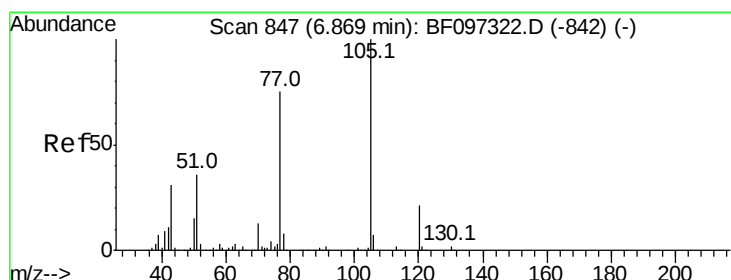
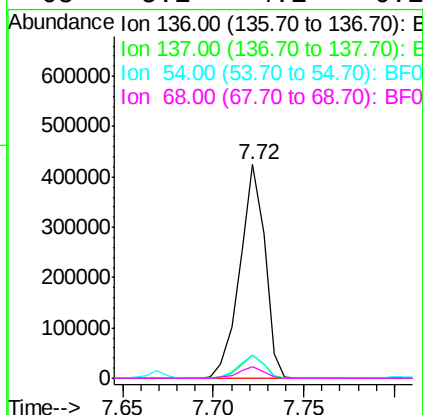
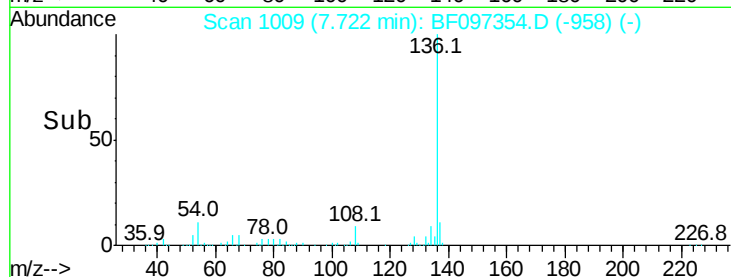
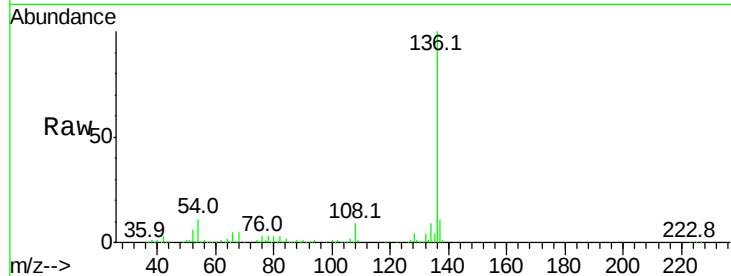
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.72 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF097354.D
Acq: 4 Aug 2017 14:22

Instrument :
BNA_F
ClientSampleId :
PB101182BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	405383		
137	11.0	8.5	12.7	
54	10.8	4.9	7.3#	
68	5.1	4.1	6.1	

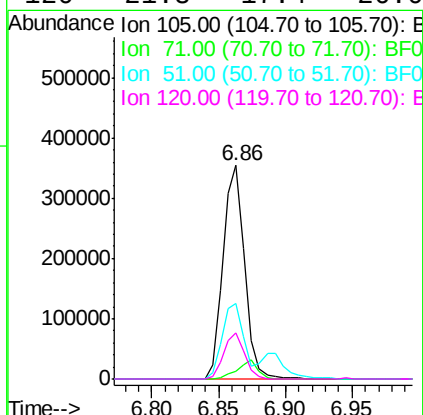
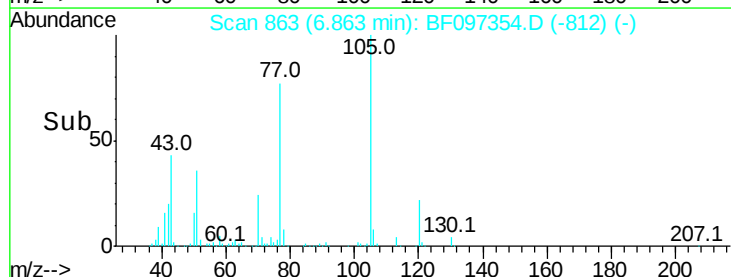
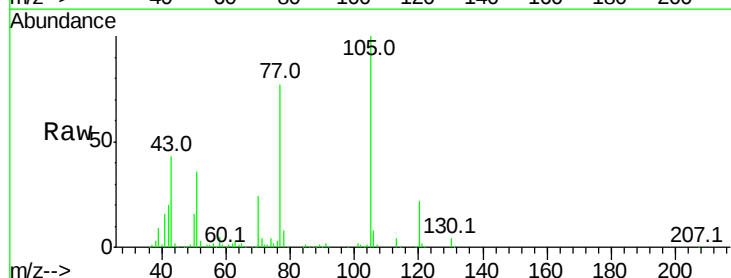
Manual Integrations
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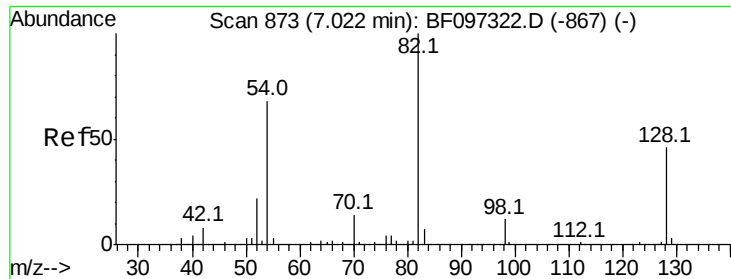
Sohil
8/7/2017 6:09:28 PM



#22
Acetophenone
Concen: 41.729 ng
RT: 6.86 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF097354.D
Acq: 4 Aug 2017 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	406235		
71	3.8	2.8	4.2	
51	35.6	30.7	46.1	
120	21.8	17.4	26.0	





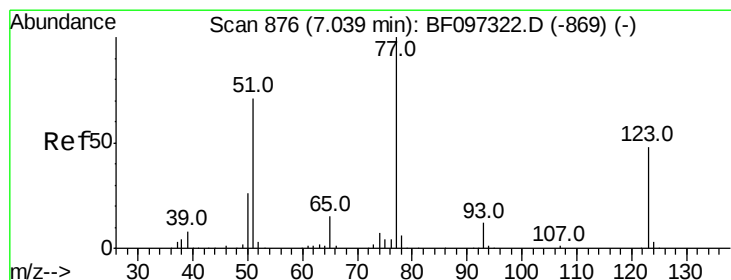
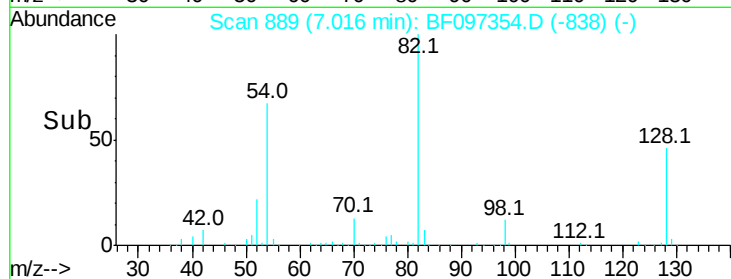
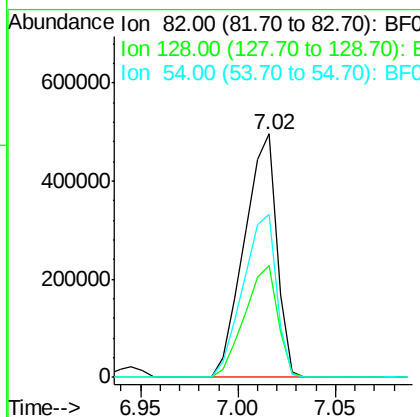
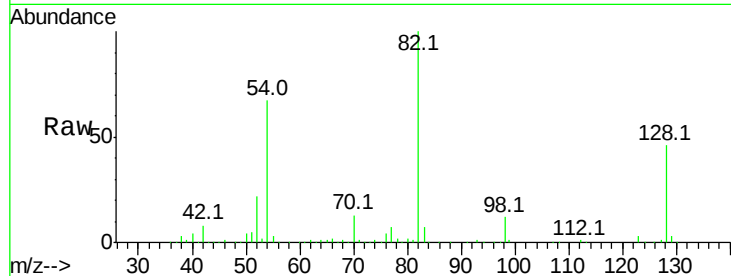
#23
 Nitrobenzene-d5
 Concen: 83.144 ng
 RT: 7.02 min Scan# 889
 Delta R.T. -0.00 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PB101182BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.1	34.0	51.0
54	66.8	42.2	63.2

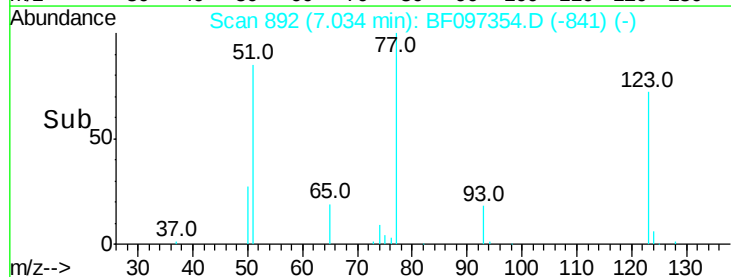
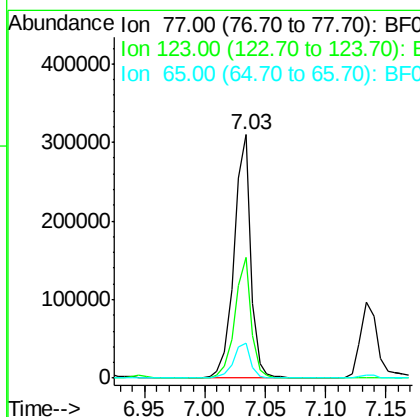
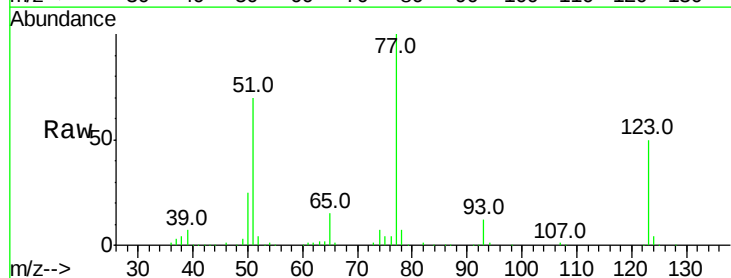
Manual Integrations
 APPROVED

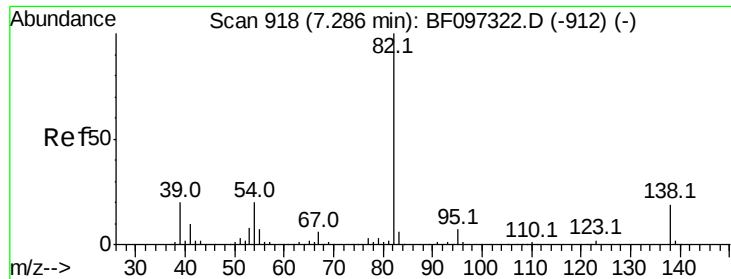
Sohil
 8/7/2017 6:09:28 PM



#24
 Nitrobenzene
 Concen: 41.404 ng
 RT: 7.03 min Scan# 892
 Delta R.T. -0.00 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.6	35.8	53.8
65	14.6	10.6	15.8





#25

Isophorone

Concen: 35.824 ng

RT: 7.27 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

Instrument :

BNA_F

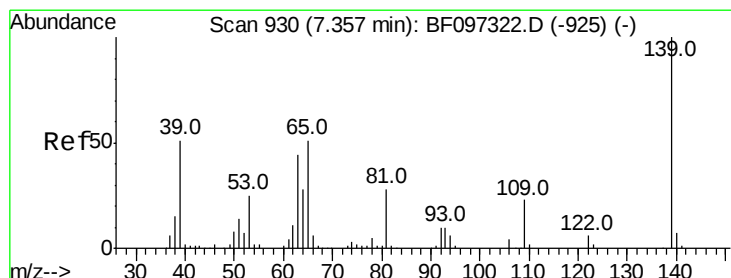
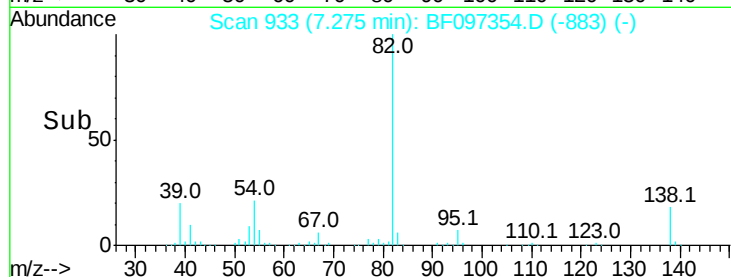
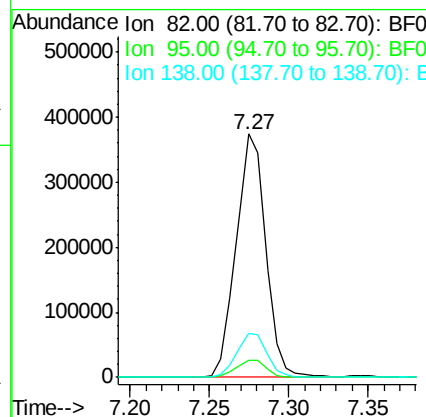
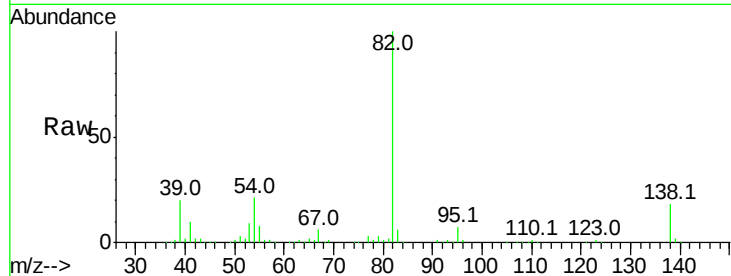
ClientSampleId :

PB101182BSD

Tot Ion:	82	Resp:	484801
Ion Ratio		Lower	Upper
82	100		
95	7.1	5.3	7.9
138	17.9	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.823 ng

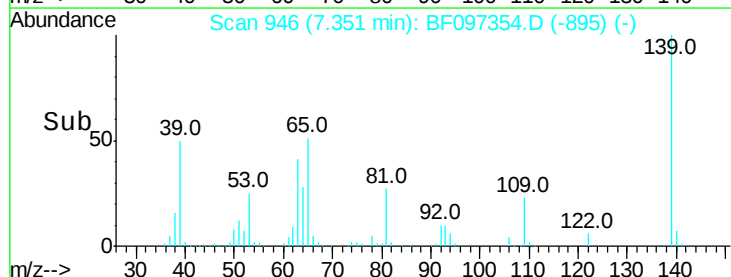
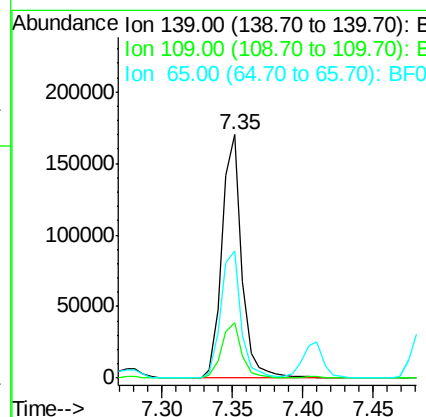
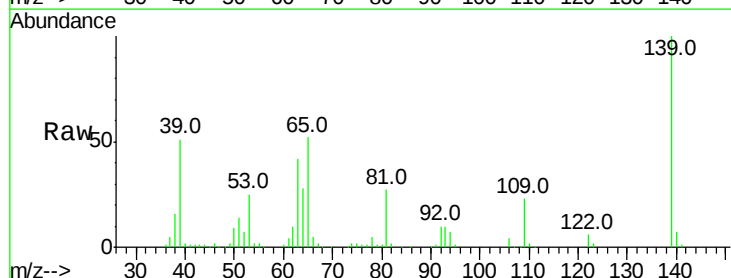
RT: 7.35 min Scan# 946

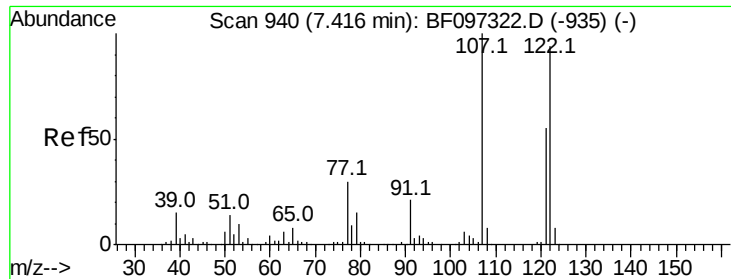
Delta R.T. -0.00 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

Tgt Ion:	139	Resp:	166738
Ion Ratio		Lower	Upper
139	100		
109	22.7	21.0	31.6
65	52.0	33.0	49.6#





#27

2,4-Dimethylphenol

Concen: 38.276 ng

RT: 7.41 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

Instrument :

BNA_F

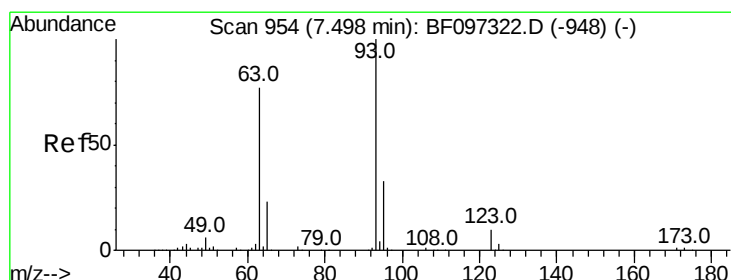
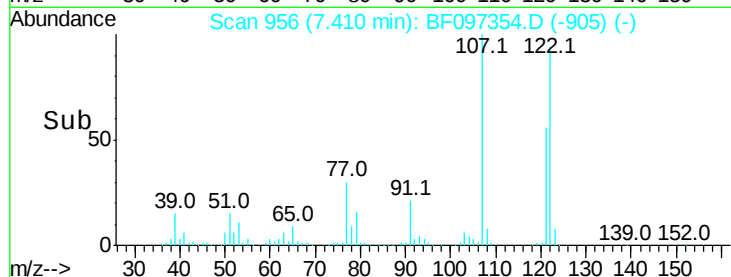
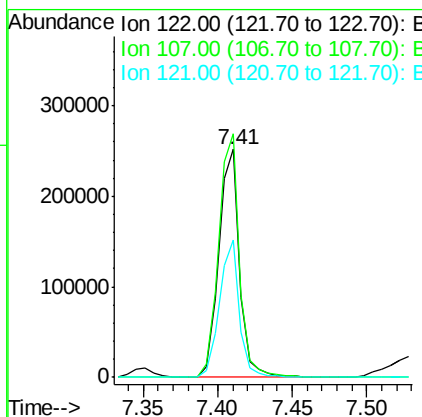
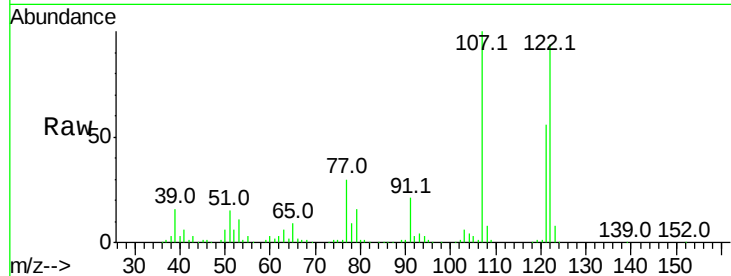
ClientSampleId :

PB101182BSD

Tot Ion:	122	Resp:	245842
Ion Ratio	Lower	Upper	
122	100		
107	106.8	89.2	133.8
121	60.1	45.2	67.8

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#28

bis(2-Chloroethoxy)methane

Concen: 38.575 ng

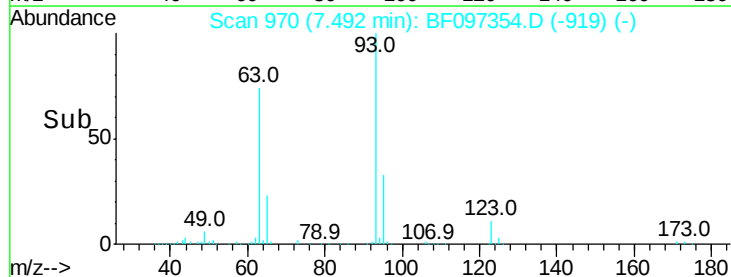
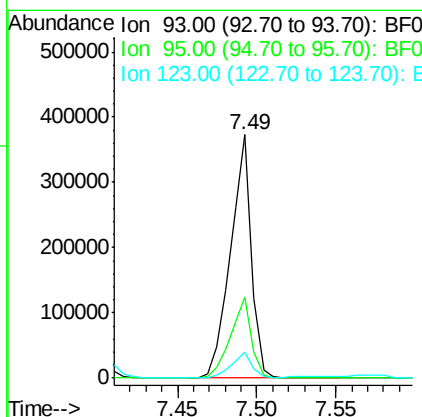
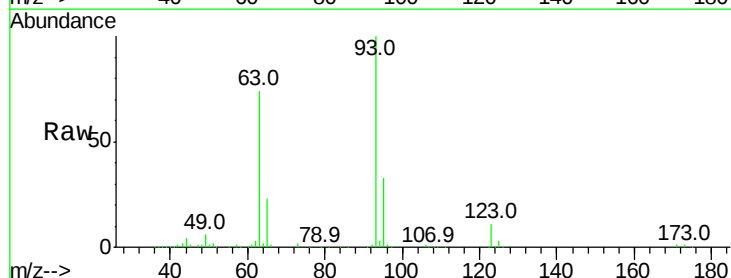
RT: 7.49 min Scan# 970

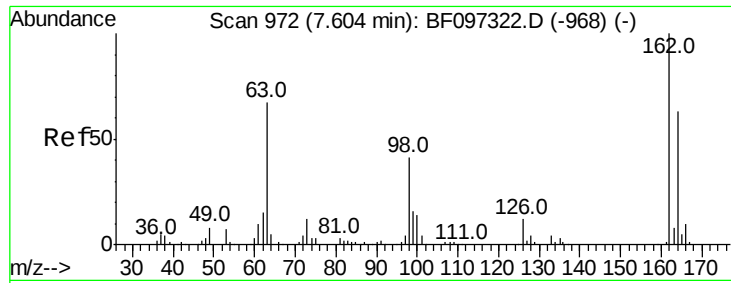
Delta R.T. -0.00 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

Tgt Ion:	93	Resp:	340671
Ion Ratio	Lower	Upper	
93	100		
95	33.3	26.5	39.7
123	10.6	9.0	13.4





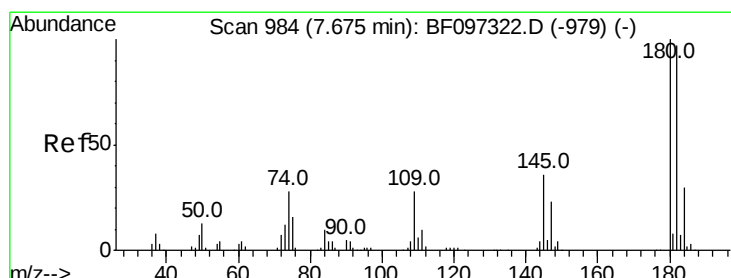
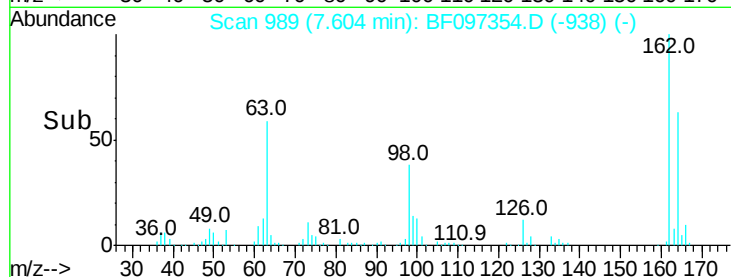
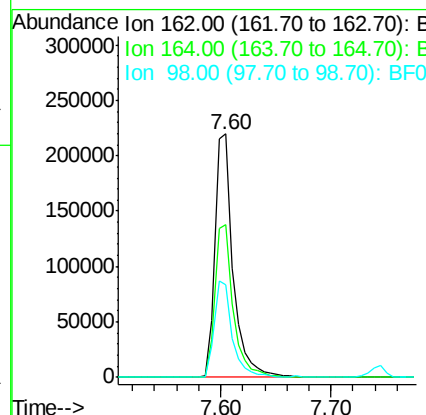
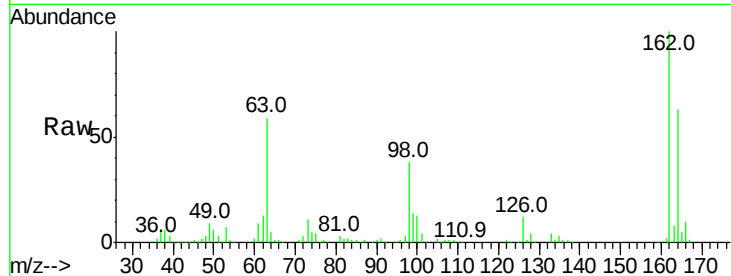
#29
 2,4-Dichlorophenol
 Concen: 44.277 ng
 RT: 7.60 min Scan# 989
 Delta R.T. -0.00 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PB101182BSD

Tot Ion:	162	Resp:	244994
Ion Ratio	Lower	Upper	
162	100		
164	62.6	44.6	84.6
98	37.8	14.8	54.8

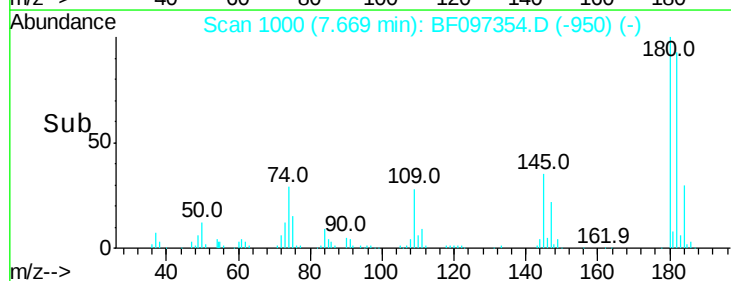
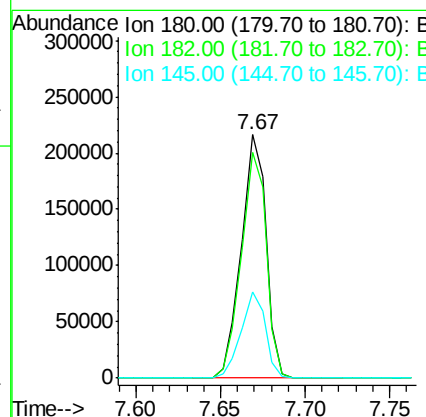
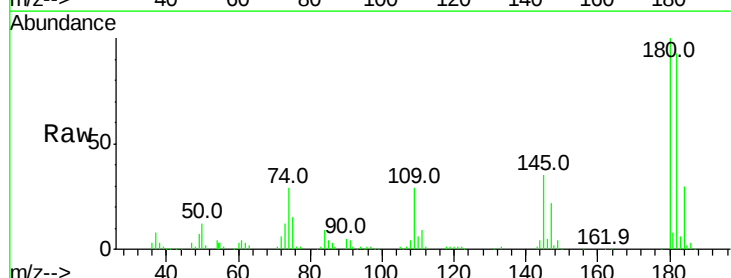
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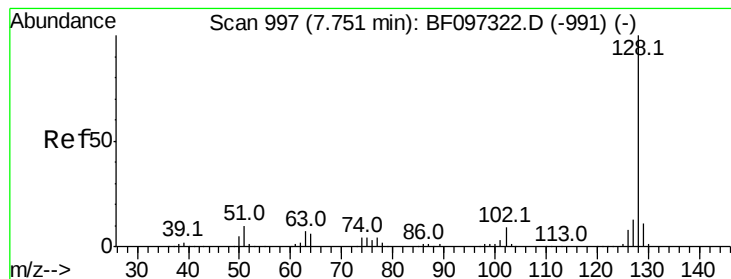
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.146 ng
 RT: 7.67 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

Tgt Ion:	180	Resp:	222283
Ion Ratio	Lower	Upper	
180	100		
182	92.8	75.8	113.6
145	35.4	25.3	37.9





#31

Naphthalene

Concen: 40.958 ng

RT: 7.75 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

Instrument :

BNA_F

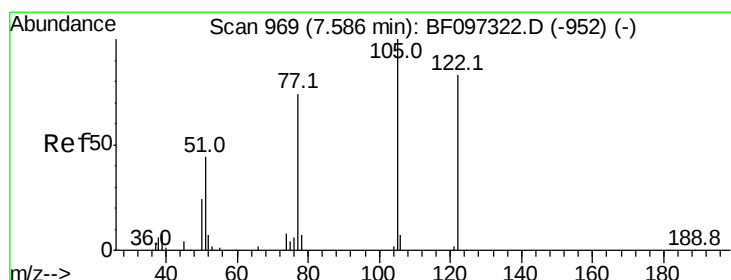
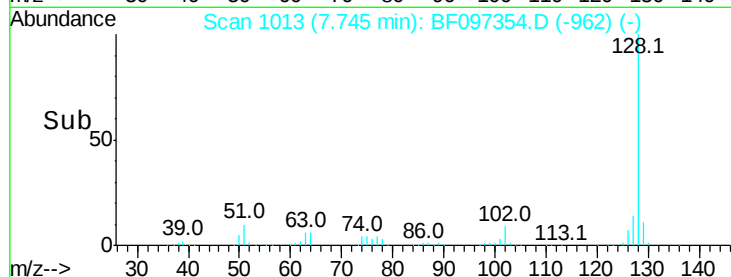
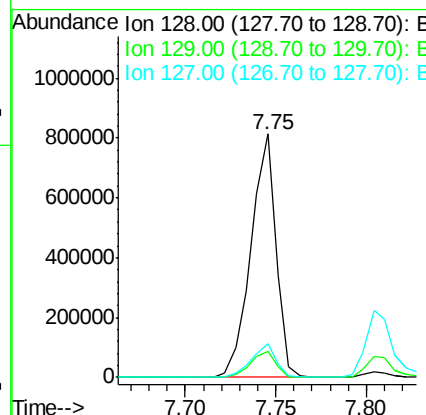
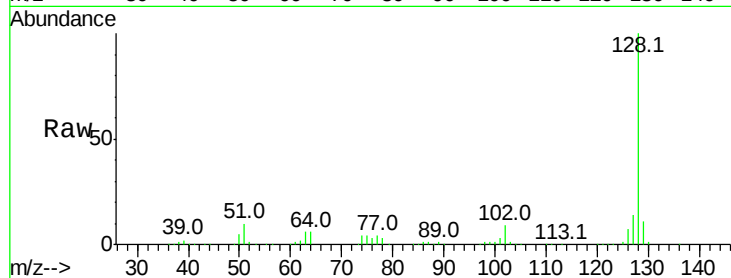
ClientSampleId :

PB101182BSD

Tot Ion:	128	Resp:	782683
Ion Ratio	Lower	Upper	
128	100		
129	10.9	9.0	13.6
127	13.6	10.8	16.2

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#32

Benzoic acid

Concen: 35.404 ng

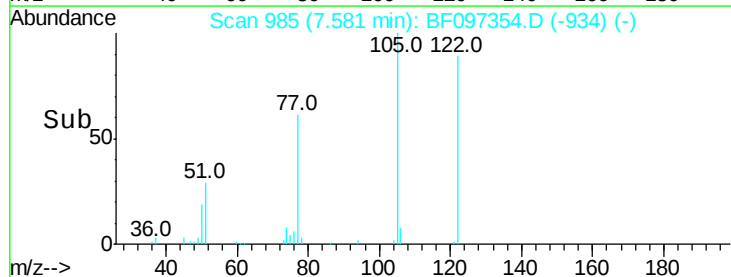
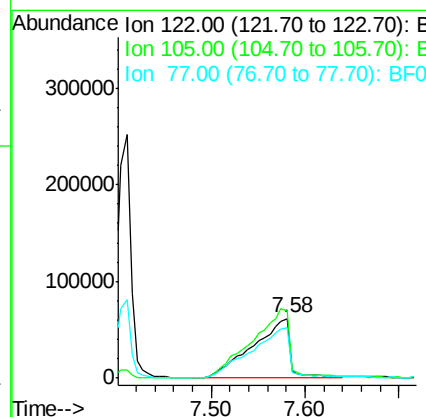
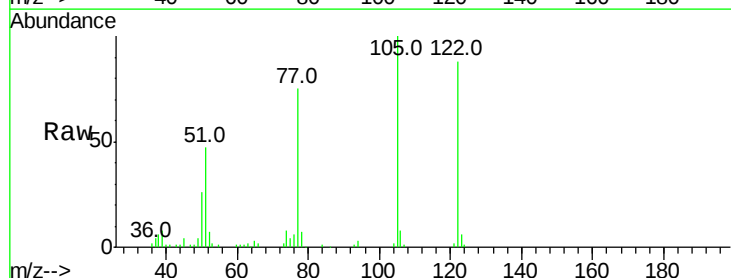
RT: 7.58 min Scan# 985

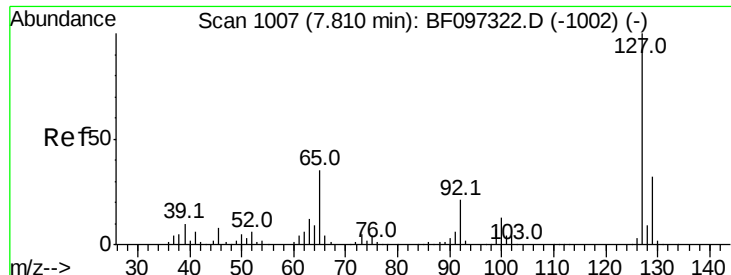
Delta R.T. -0.00 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

Tgt Ion:	122	Resp:	169800
Ion Ratio	Lower	Upper	
122	100		
105	113.9	103.3	143.3
77	84.9	73.7	113.7





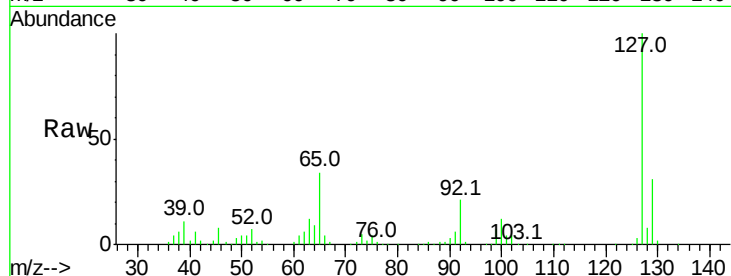
#33
4-Chloroaniline
Concen: 30.924 ng
RT: 7.80 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF097354.D
Acq: 4 Aug 2017 14:22

Instrument :
BNA_F
ClientSampleId :
PB101182BSD

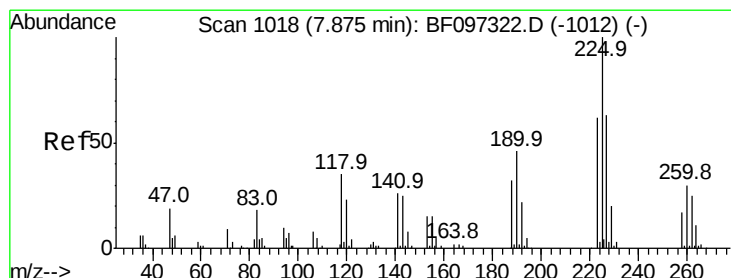
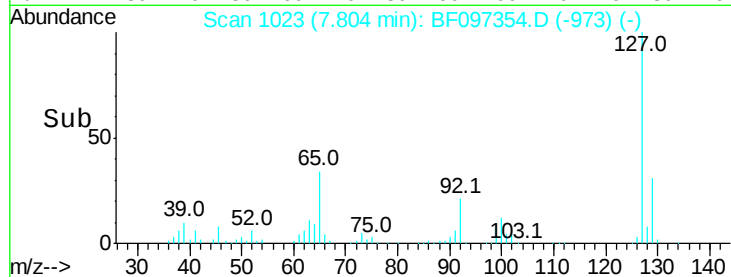
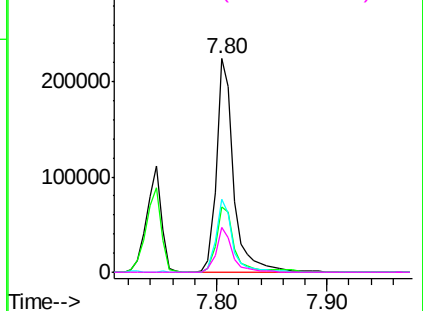
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		240450		
129	30.7	26.2	39.2		
65	34.5	27.8	41.8		
92	20.8	16.8	25.2		

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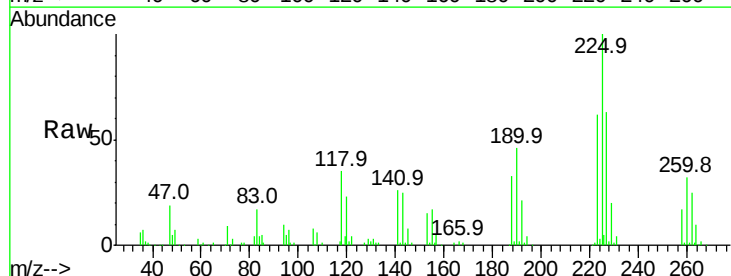


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

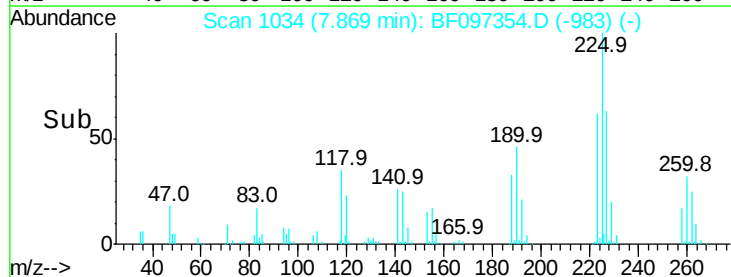
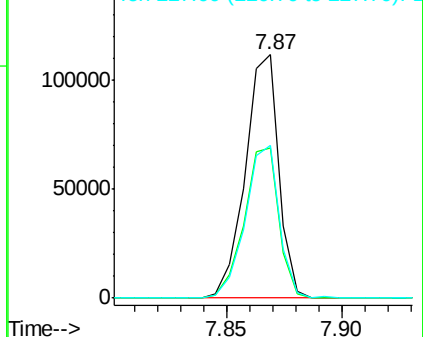


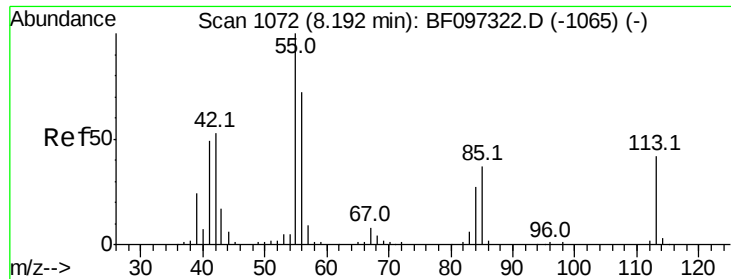
#34
Hexachlorobutadiene
Concen: 40.471 ng
RT: 7.87 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF097354.D
Acq: 4 Aug 2017 14:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		113159		
223	61.5	48.8	73.2		
227	62.8	51.1	76.7		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





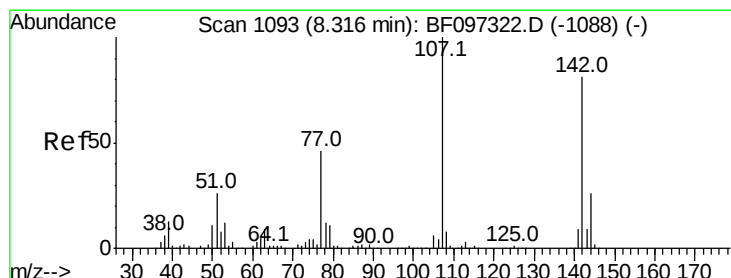
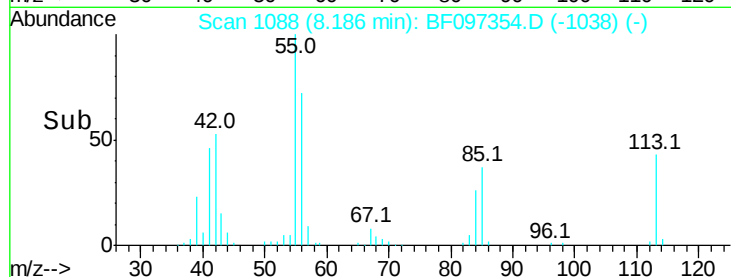
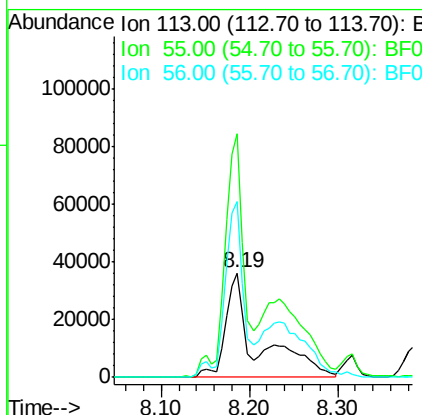
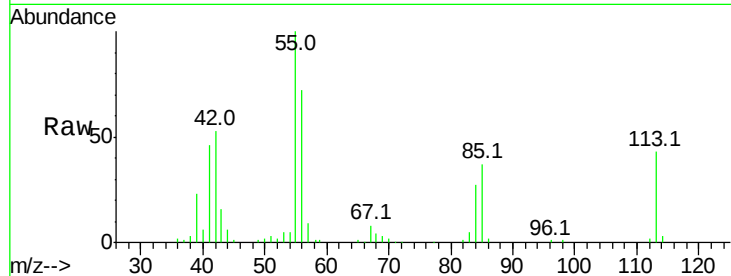
#35
 Caprolactam
 Concen: 51.124 ng/ml
 RT: 8.19 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

Instrument :
 BNA_F
 ClientSampleID :
 PB101182BSD

Tot Ion:113 Resp: 90707
 Ion Ratio Lower Upper
 113 100
 55 232.6 150.2 190.2#
 56 167.9 107.8 147.8#

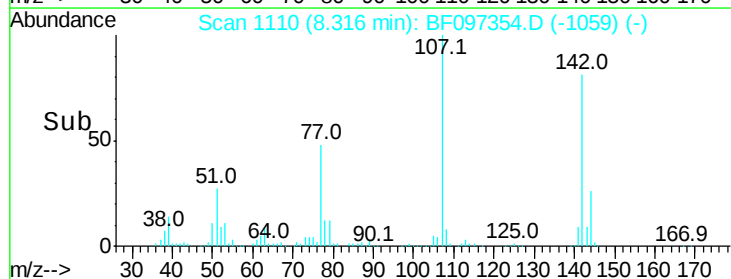
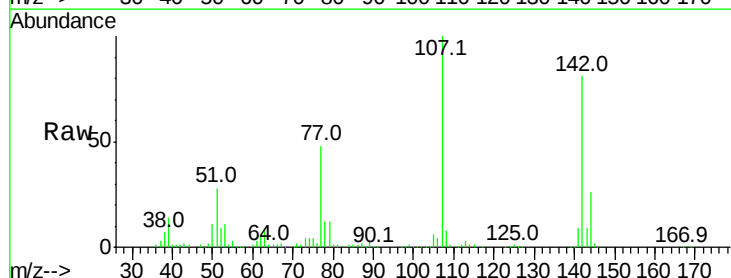
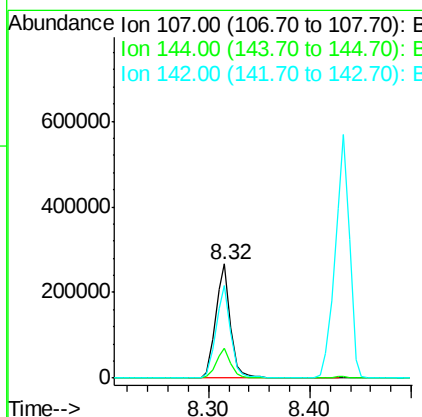
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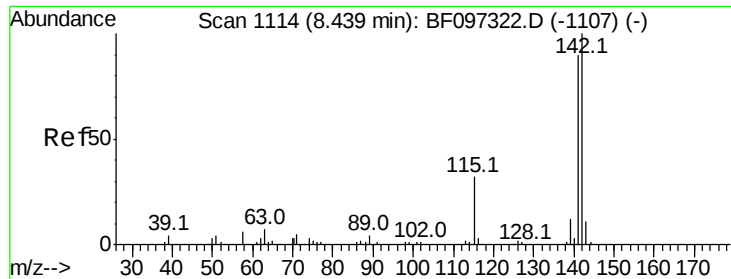
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#36
 4-Chloro-3-methylphenol
 Concen: 44.491 ng/ml
 RT: 8.32 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

Tgt Ion:107 Resp: 268572
 Ion Ratio Lower Upper
 107 100
 144 26.4 24.2 36.4
 142 80.7 73.4 110.0





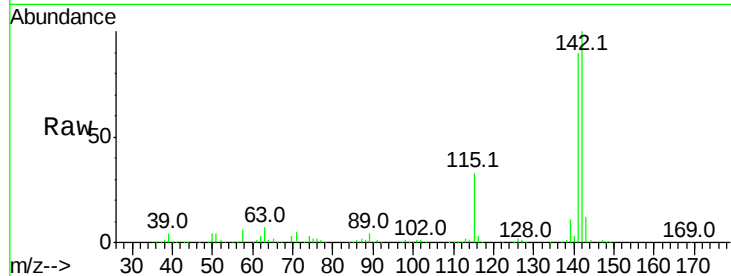
#37
 2-Methylnaphthalene
 Concen: 46.275 ng
 RT: 8.43 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PB101182BSD

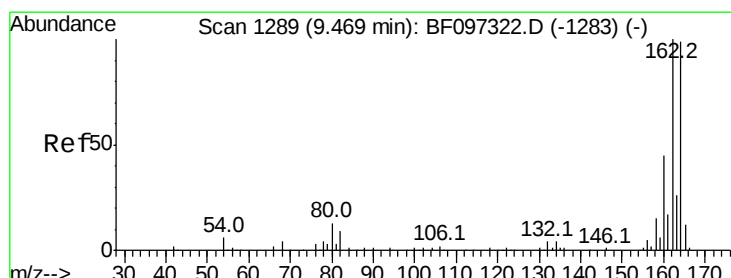
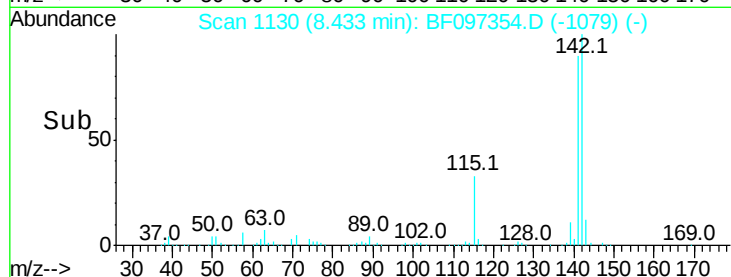
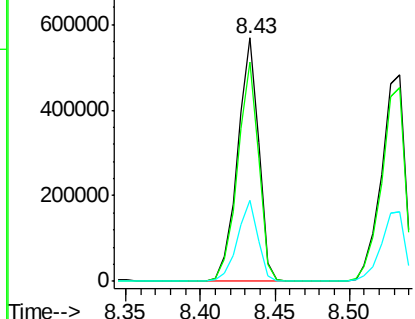
Tot Ion	Ratio	Resp Lower	Upper
142	100		
141	90.1	71.3	106.9
115	33.4	27.1	40.7

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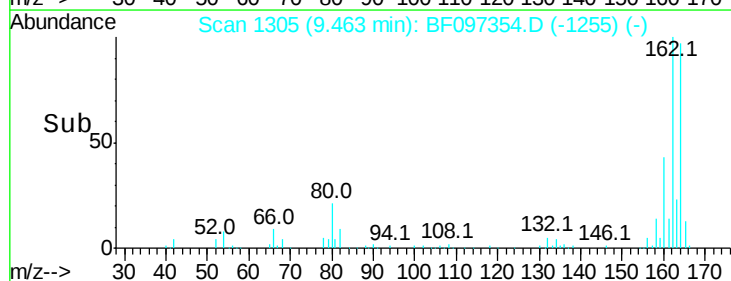
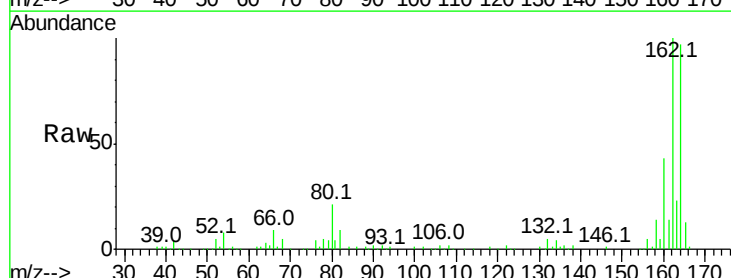
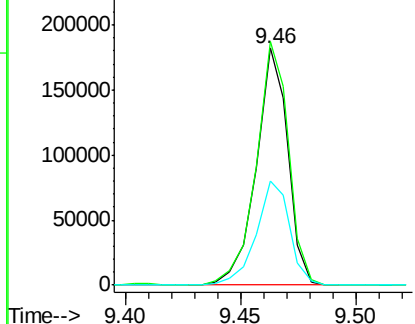
Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

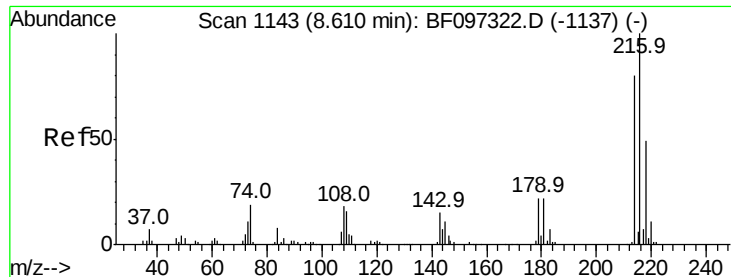


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.46 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
162	102.8	82.6	123.8
160	43.8	36.2	54.2

Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





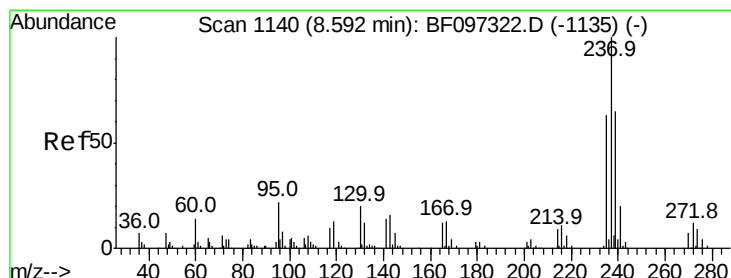
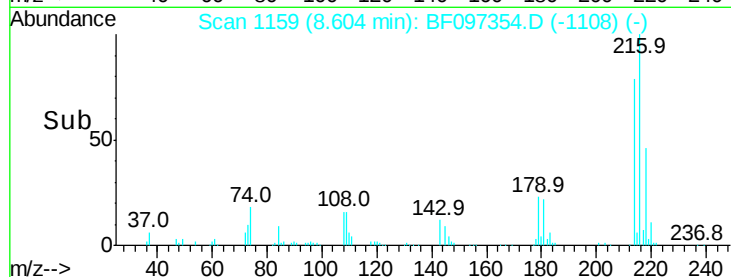
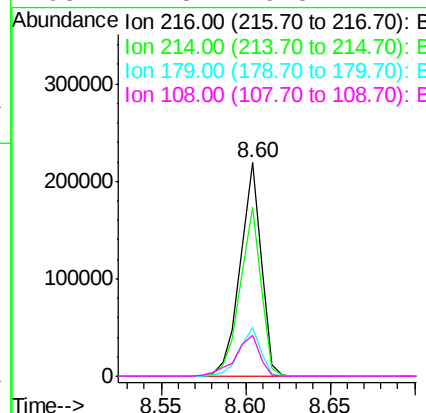
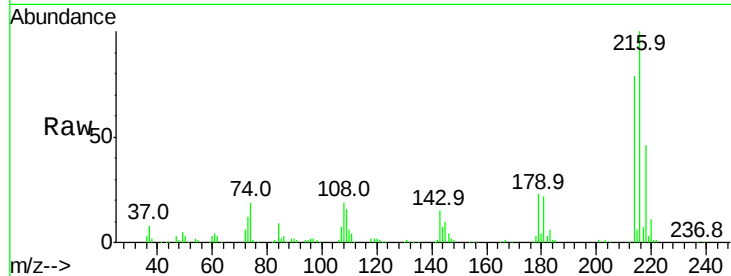
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.919 ng
 RT: 8.60 min Scan# 1159
 Delta R.T. -0.00 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PB101182BSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	189589		
214	78.8	63.4	95.2	
179	22.9	17.9	26.9	
108	22.3	16.5	24.7	

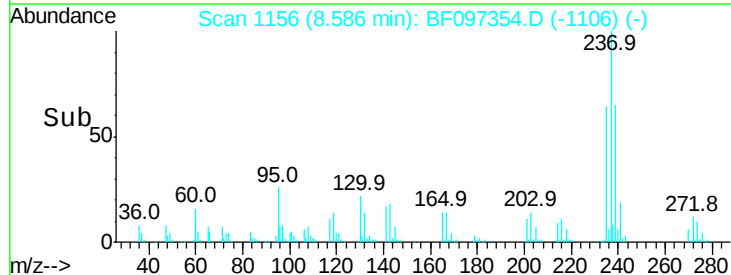
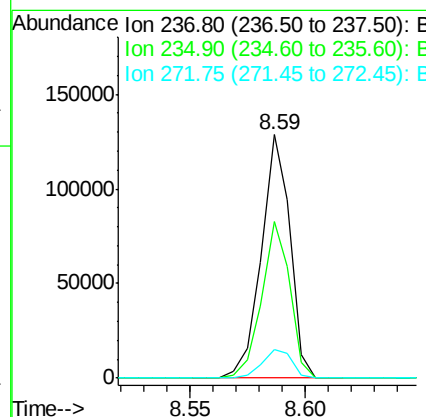
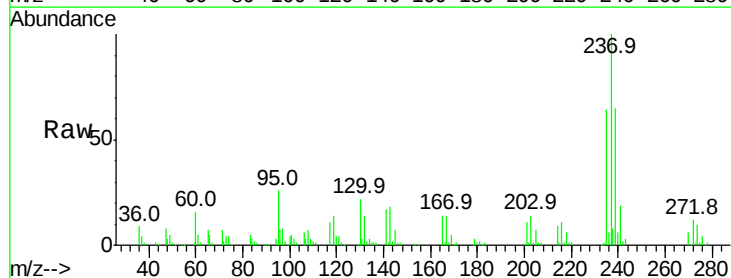
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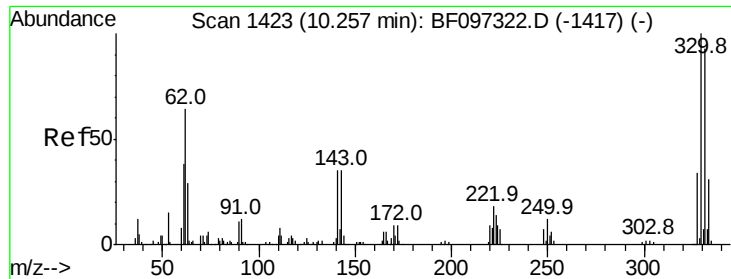
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#40
 Hexachlorocyclopentadiene
 Concen: 69.852 ng
 RT: 8.59 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	111697		
235	64.1	42.6	82.6	
272	11.8	0.0	31.9	





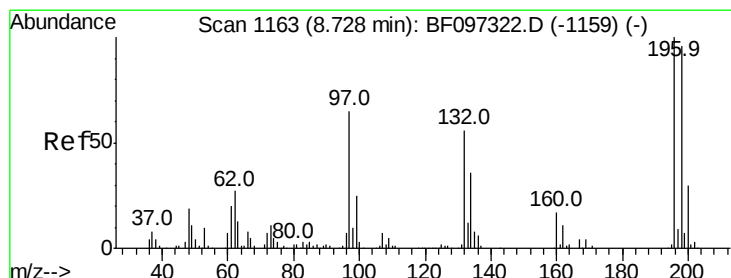
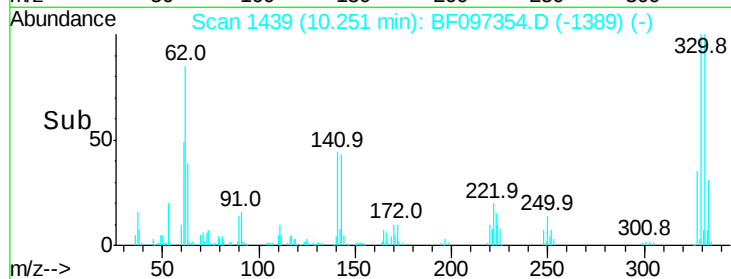
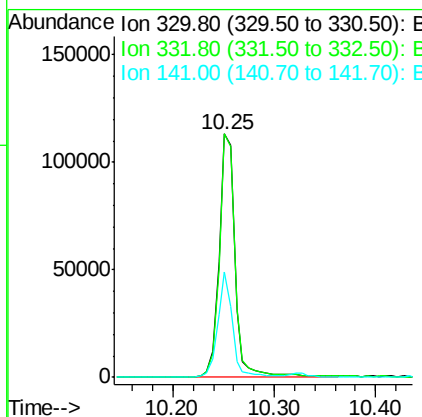
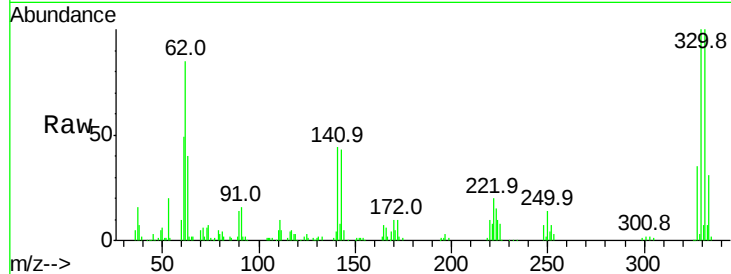
#41
 2,4,6-Tribromophenol
 Concen: 90.842 ng
 RT: 10.25 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PB101182BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	124631		
332	98.8	76.6	115.0	
141	39.3	31.4	47.2	

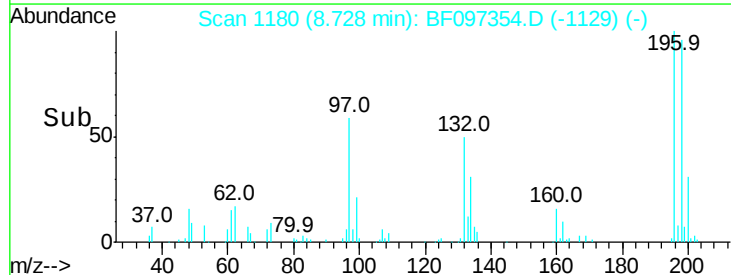
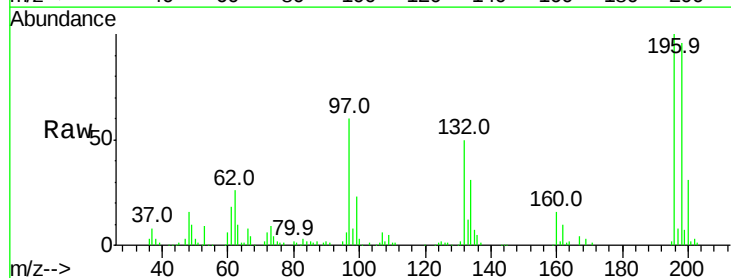
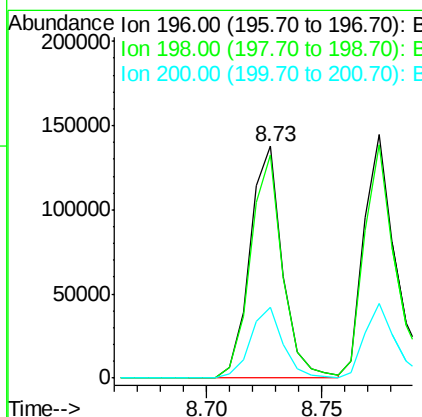
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#42
 2,4,6-Trichlorophenol
 Concen: 40.449 ng
 RT: 8.73 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	135811		
198	96.0	74.2	111.4	
200	30.6	24.0	36.0	





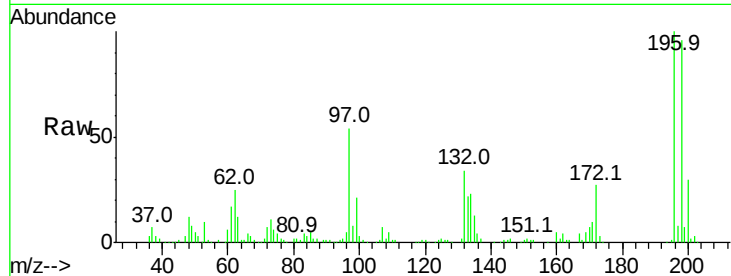
#43
 2,4,5-Trichlorophenol
 Concen: 42.348 ng
 RT: 8.77 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PB101182BSD

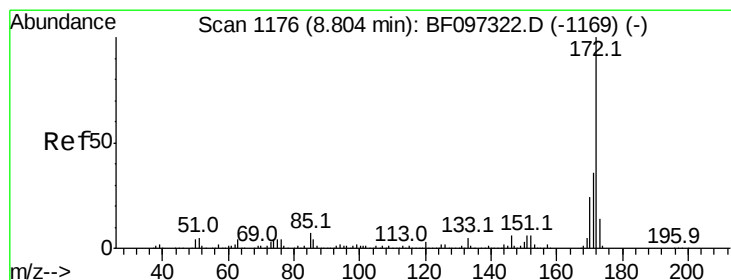
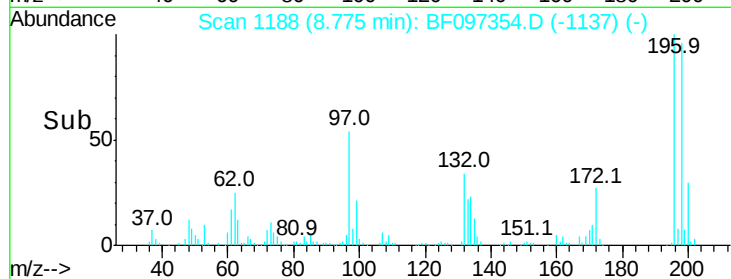
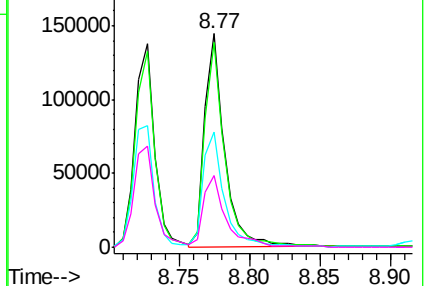
Tot Ion	196	Resp	142319
Ion Ratio	Lower	Upper	
196	100		
198	95.7	75.7	113.5
97	53.9	47.7	71.5
132	33.5	28.0	42.0

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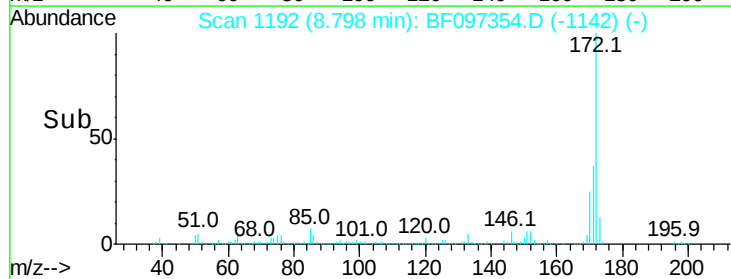
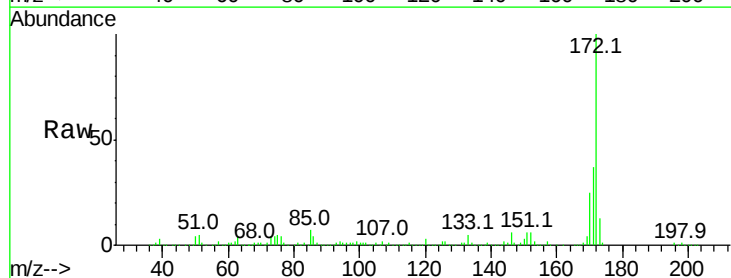
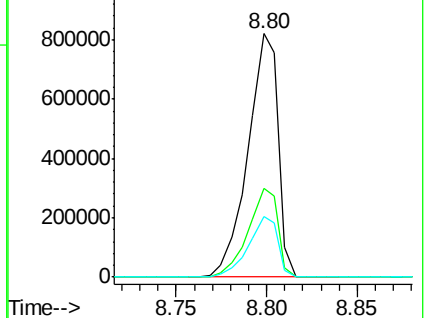
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

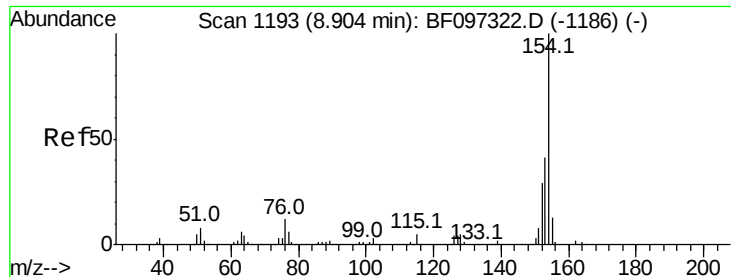


#44
 2-Fluorobiphenyl
 Concen: 92.571 ng
 RT: 8.80 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

Tgt Ion	172	Resp	947169
Ion Ratio	Lower	Upper	
172	100		
171	36.7	29.6	44.4
170	25.1	19.8	29.8

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





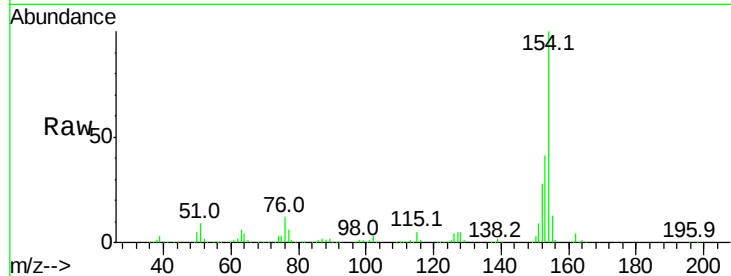
#45
 1,1'-Biphenyl
 Concen: 39.939 ng
 RT: 8.90 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PB101182BSD

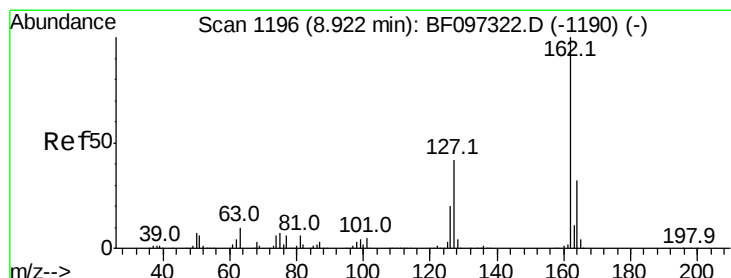
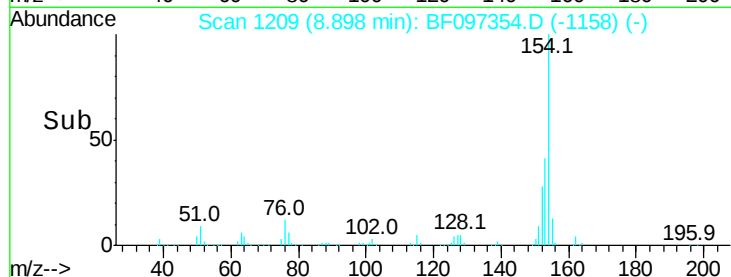
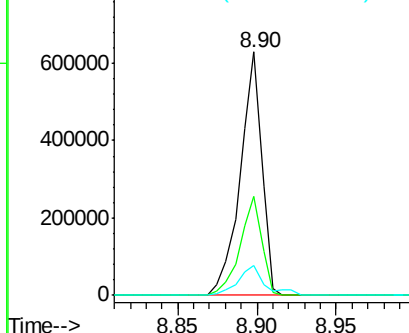
Tot Ion:	154	Resp:	592365
Ion Ratio	Lower	Upper	
154	100		
153	40.9	21.2	61.2
76	12.5	0.0	29.9

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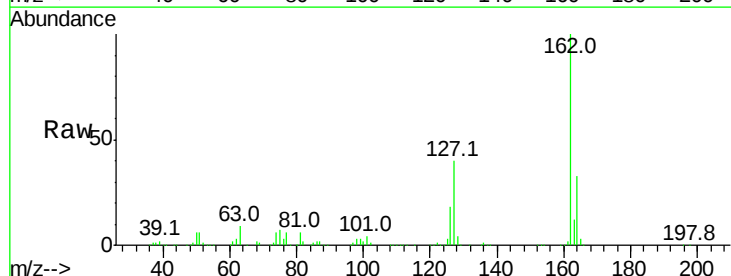


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

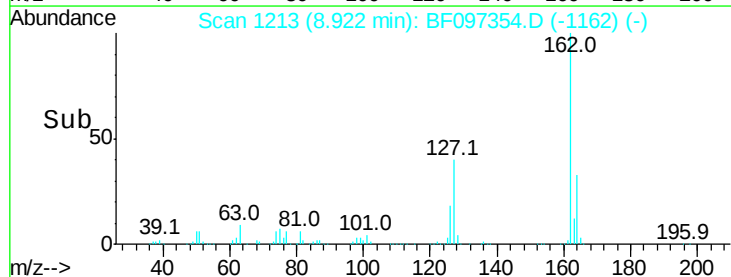
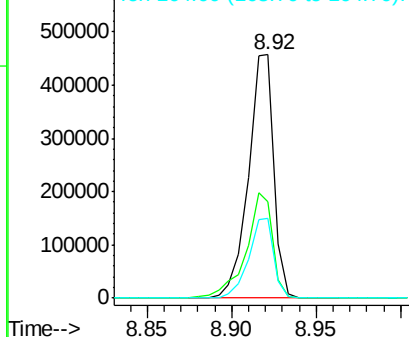


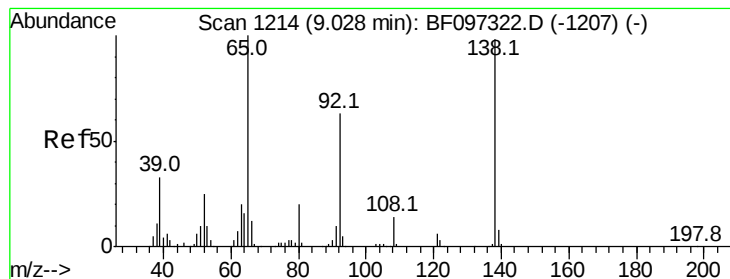
#46
 2-Chloronaphthalene
 Concen: 44.135 ng
 RT: 8.92 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

Tgt Ion:	162	Resp:	481710
Ion Ratio	Lower	Upper	
162	100		
127	39.6	28.3	42.5
164	33.0	27.0	40.4



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





#47

2-Nitroaniline

Concen: 46.791 ng

RT: 9.03 min Scan# 1231

Delta R.T. -0.00 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

Instrument :

BNA_F

ClientSampleId :

PB101182BSD

Tot Ion: 65 Resp: 185337

Ion Ratio Lower Upper

65 100

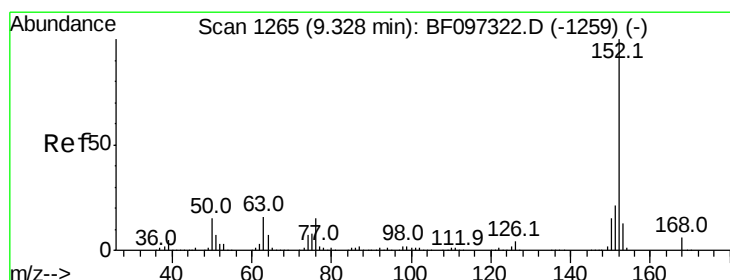
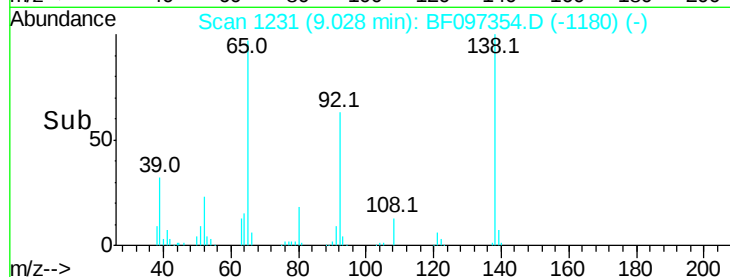
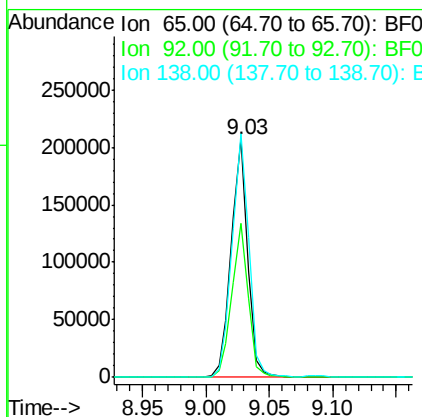
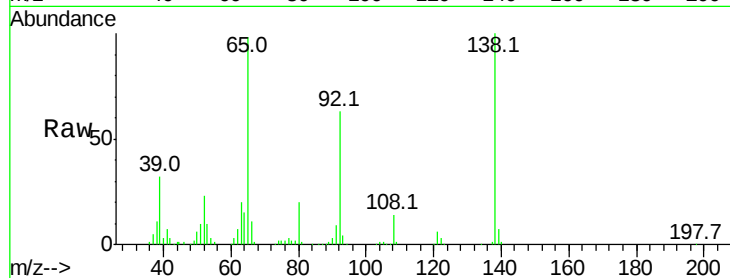
92 64.7 53.9 80.9

138 102.2 78.8 118.2

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#48

Acenaphthylene

Concen: 43.157 ng

RT: 9.33 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

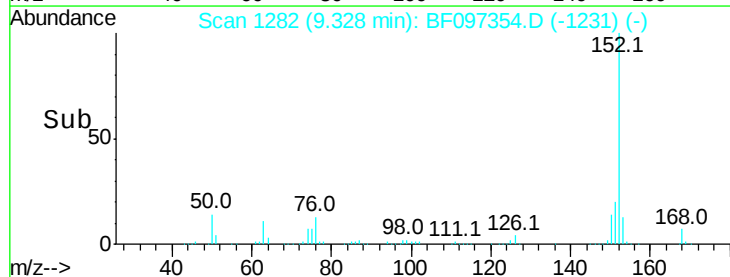
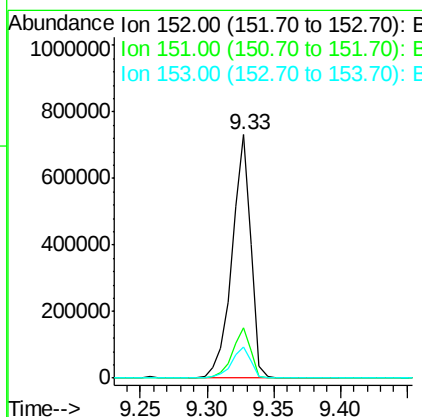
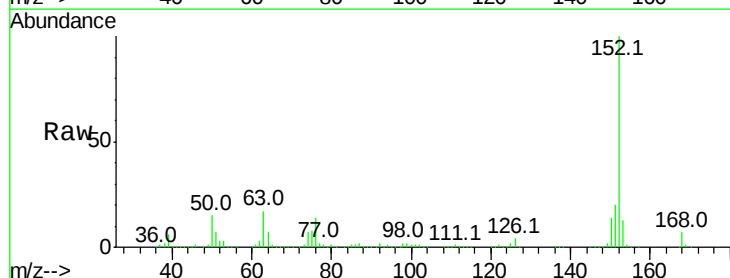
Tgt Ion: 152 Resp: 722997

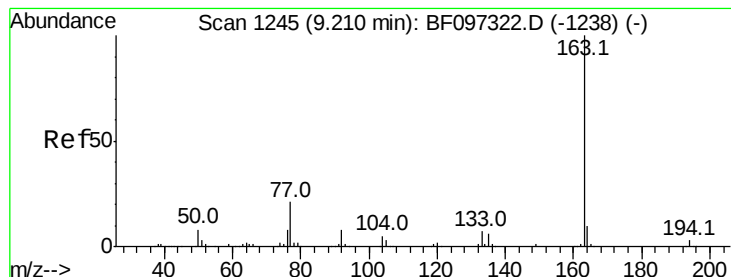
Ion Ratio Lower Upper

152 100

151 20.5 16.8 25.2

153 13.0 10.8 16.2





#49

Dimethylphthalate

Concen: 42.175 ng

RT: 9.21 min Scan# 1262

Delta R.T. -0.00 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

Instrument :

BNA_F

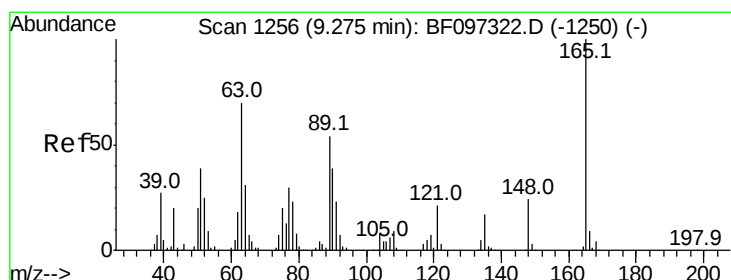
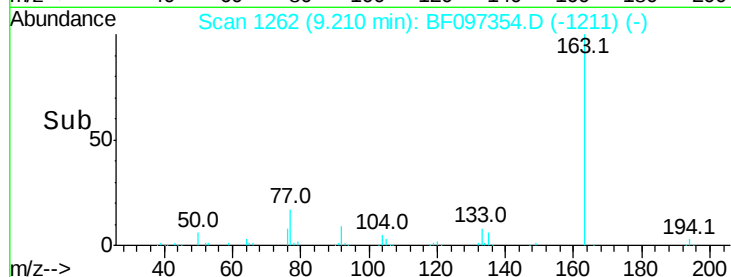
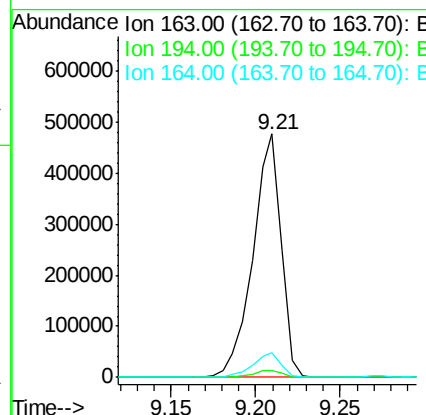
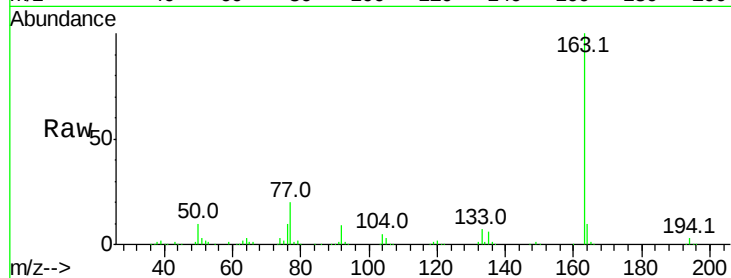
ClientSampleId :

PB101182BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.1	2.6	4.0	
164	10.2	8.4	12.6	

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#50

2,6-Dinitrotoluene

Concen: 44.068 ng

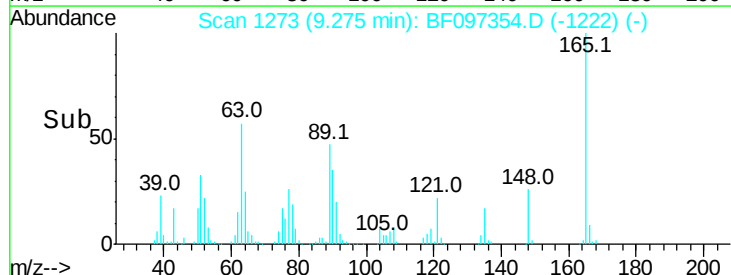
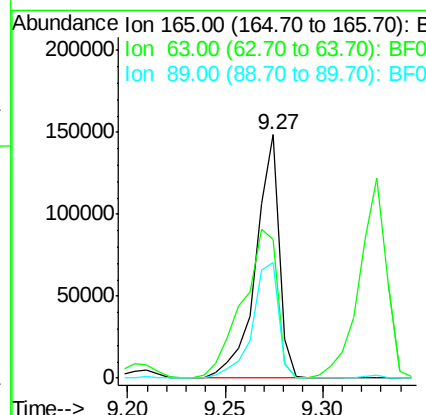
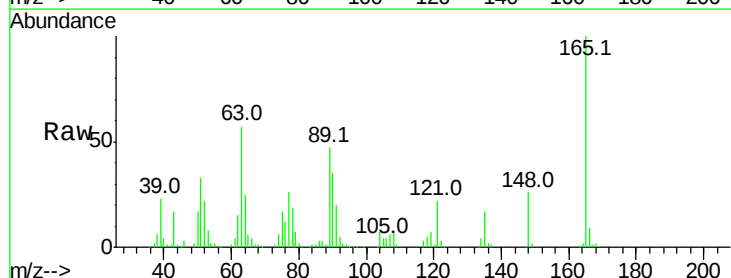
RT: 9.27 min Scan# 1273

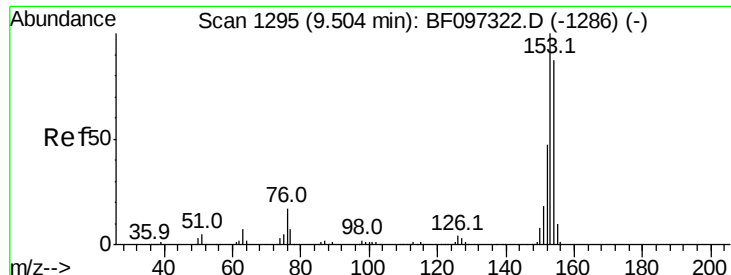
Delta R.T. -0.00 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	56.9	34.3	51.5#	
89	47.5	37.1	55.7	





#51

Acenaphthene

Concen: 41.697 ng

RT: 9.50 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

Instrument :

BNA_F

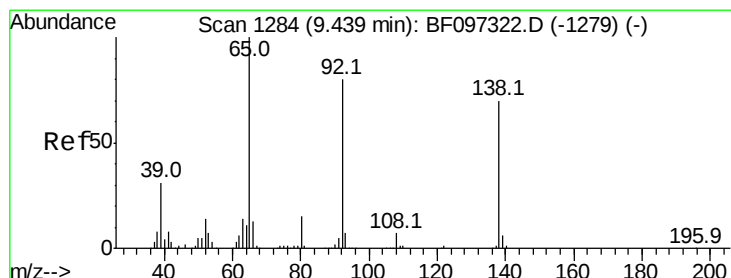
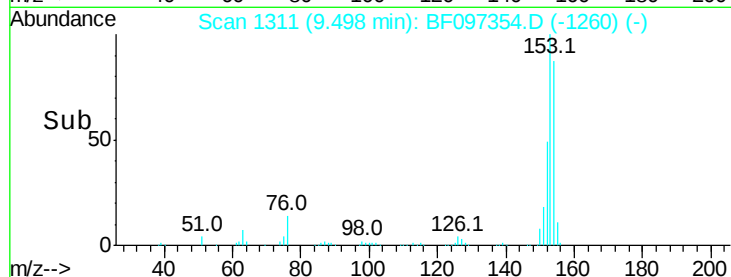
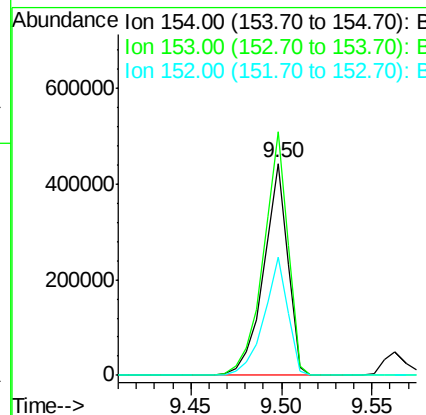
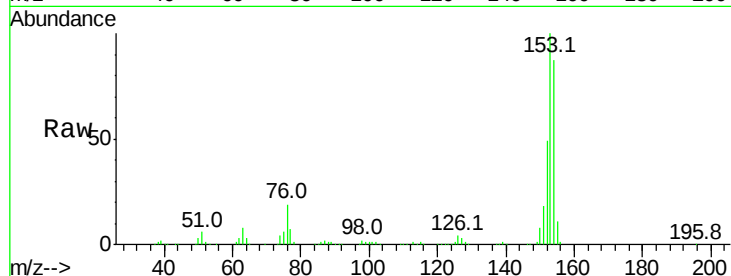
ClientSampleId :

PB101182BSD

Tot Ion:	154	Resp:	411461
Ion Ratio	Lower	Upper	
154	100		
153	114.8	90.5	135.7
152	55.8	43.6	65.4

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#52

3-Nitroaniline

Concen: 34.508 ng

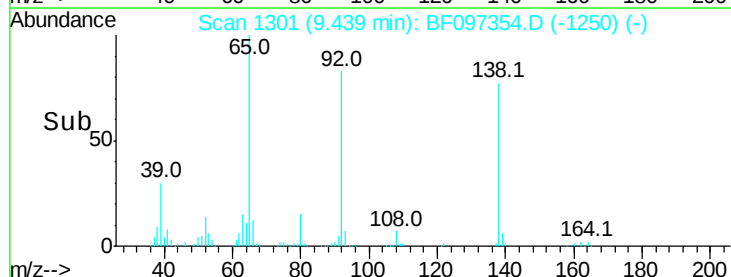
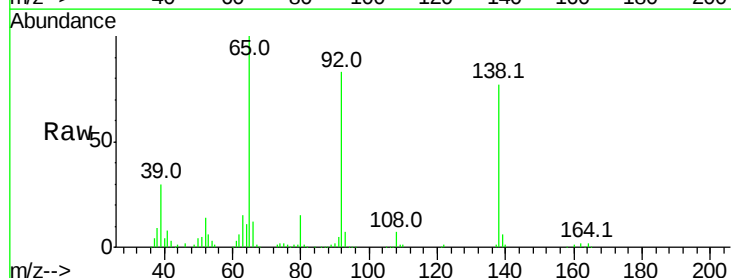
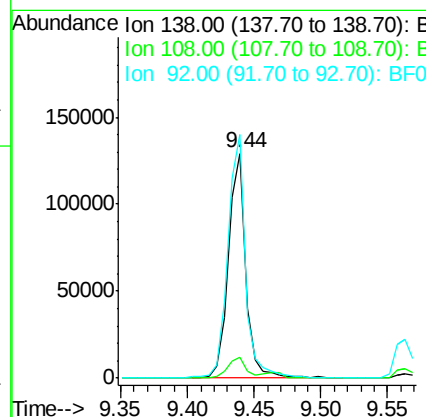
RT: 9.44 min Scan# 1301

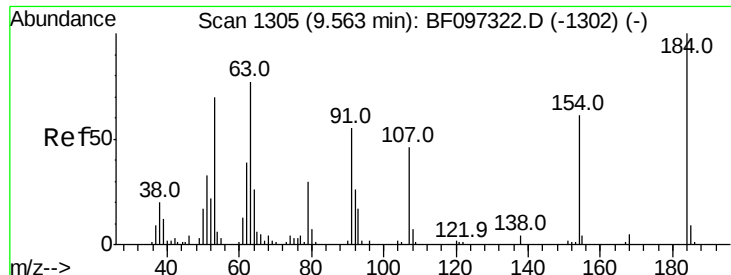
Delta R.T. -0.00 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

Tgt Ion:	138	Resp:	119791
Ion Ratio	Lower	Upper	
138	100		
108	9.4	9.1	13.7
92	108.5	93.8	140.6





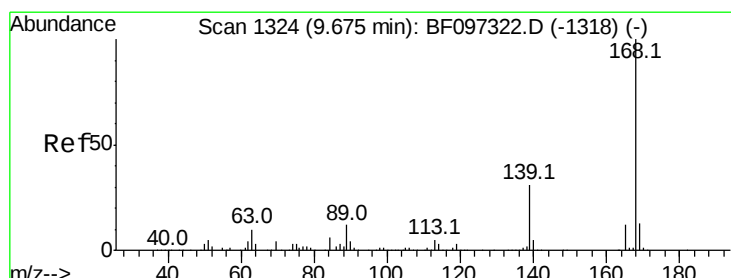
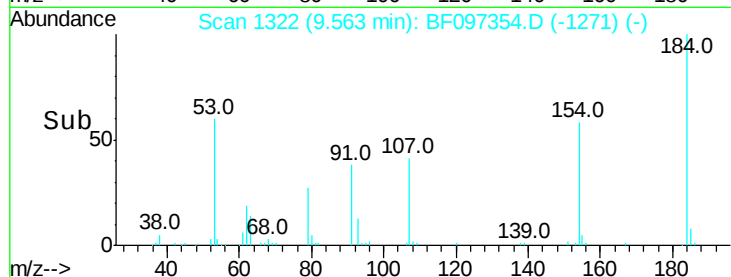
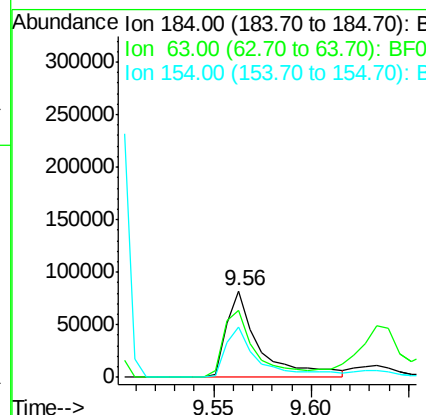
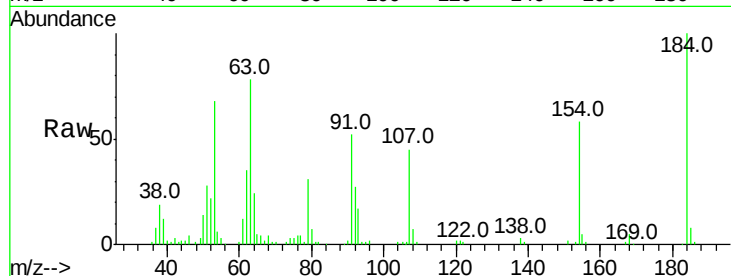
#53
 2,4-Dinitrophenol
 Concen: 76.026 ng
 RT: 9.56 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PB101182BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	78.0	62.7	94.1	
154	58.4	81.1	121.7	

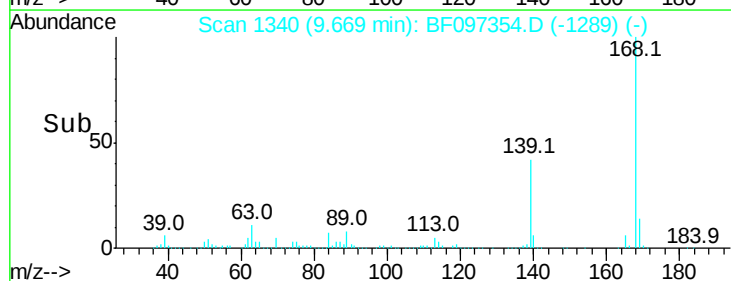
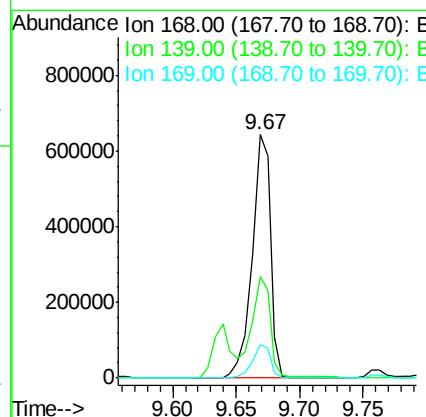
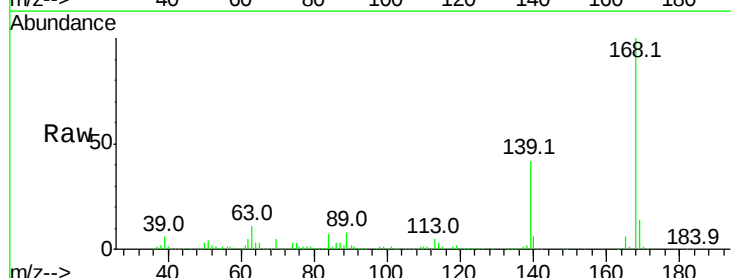
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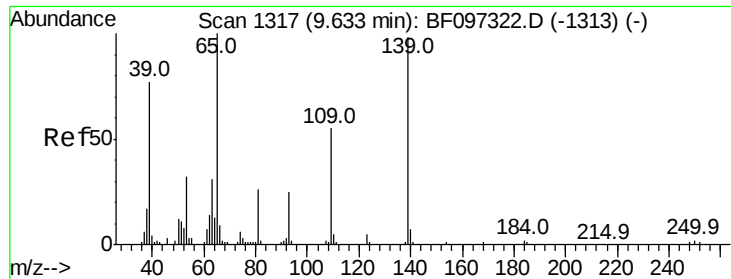
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#54
 Dibenzofuran
 Concen: 49.518 ng
 RT: 9.67 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	41.8	30.6	45.8	
169	13.8	10.8	16.2	





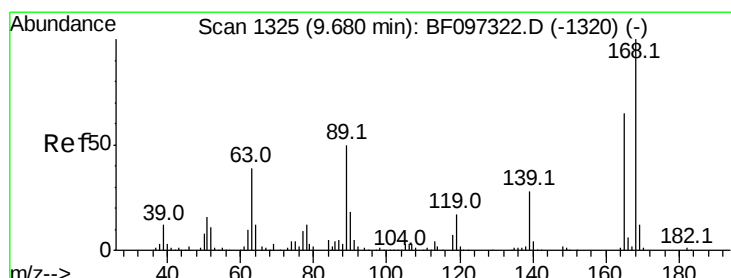
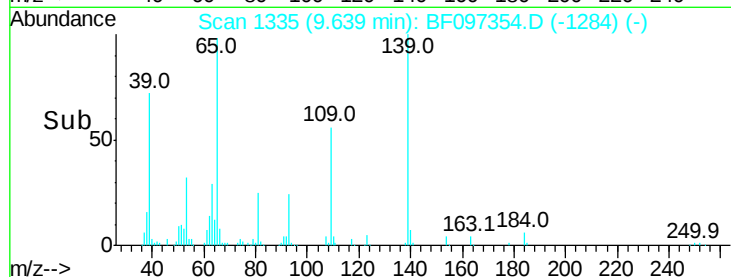
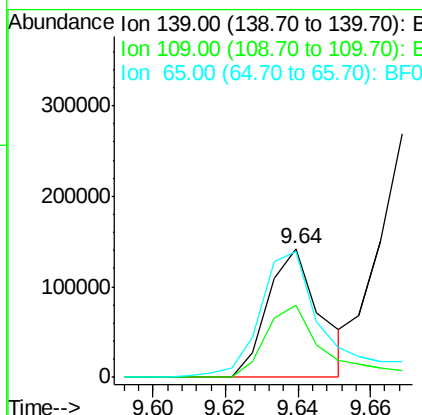
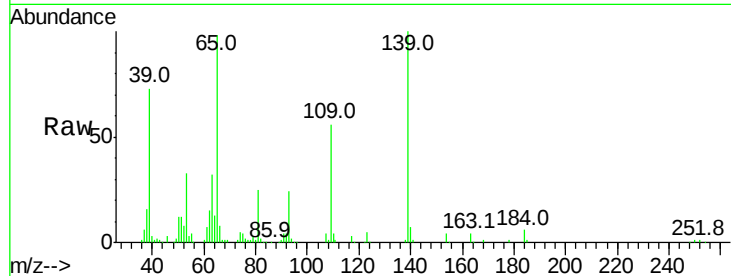
#55
4-Nitrophenol
Concen: 68.812 ng
RT: 9.64 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF097354.D
Acq: 4 Aug 2017 14:22

Instrument :
BNA_F
ClientSampleId :
PB101182BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	55.6	34.1	74.1	
65	98.1	31.4	71.4	

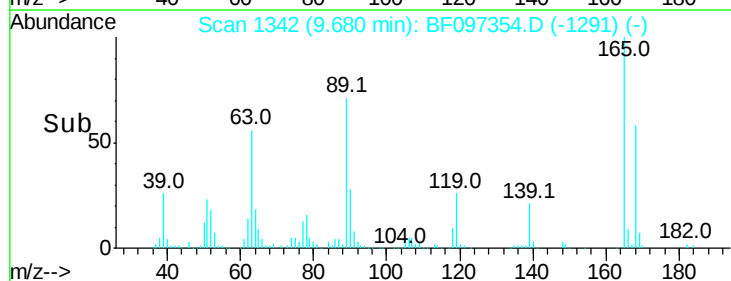
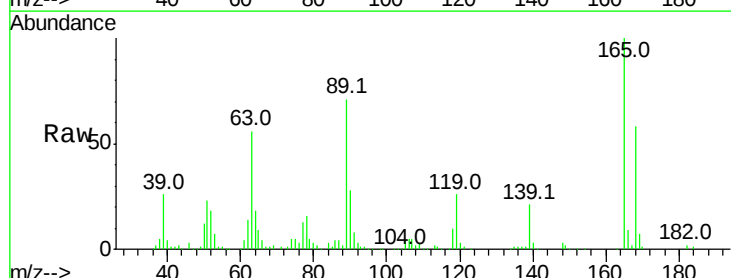
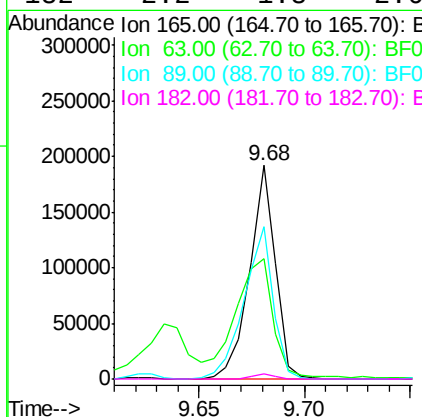
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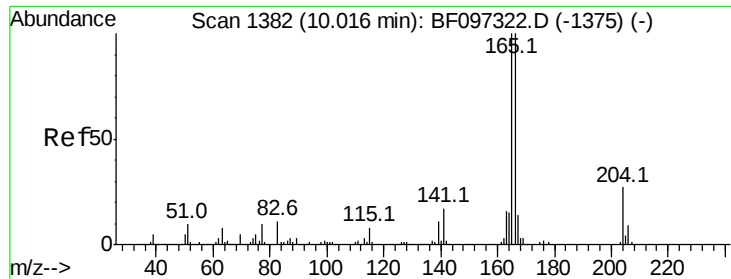
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#56
2,4-Dinitrotoluene
Concen: 51.060 ng
RT: 9.68 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF097354.D
Acq: 4 Aug 2017 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	56.1	25.4	38.0	
89	71.1	46.4	69.6	
182	2.2	1.8	2.6	





#57

Fluorene

Concen: 49.243 ng

RT: 10.01 min Scan# 1398

Delta R.T. -0.01 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

Instrument :

BNA_F

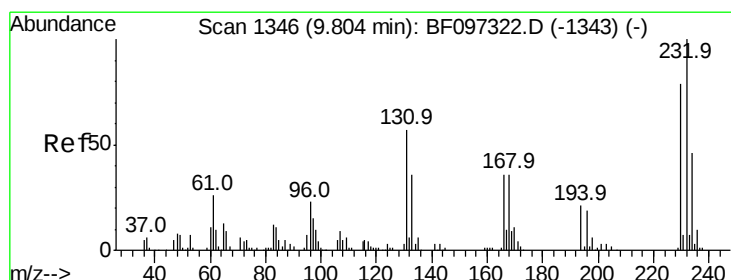
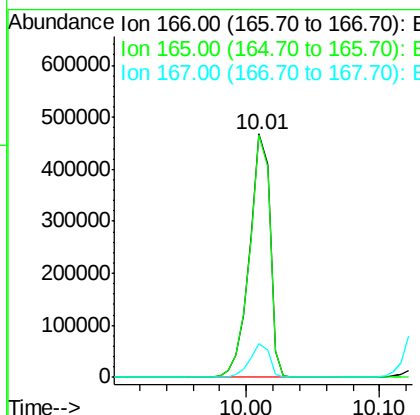
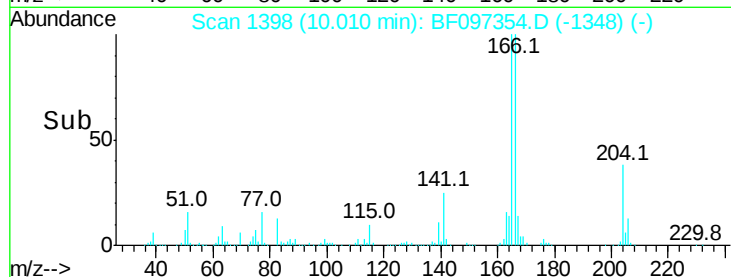
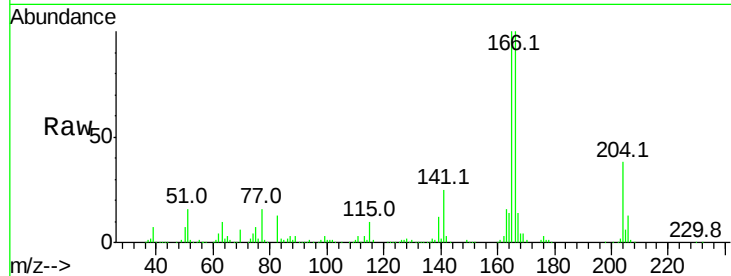
ClientSampleId :

PB101182BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	486464		
165	99.6	78.8	118.2	
167	13.6	10.6	16.0	

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#58

2,3,4,6-Tetrachlorophenol

Concen: 45.788 ng

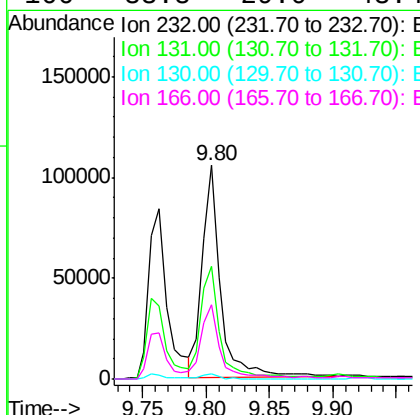
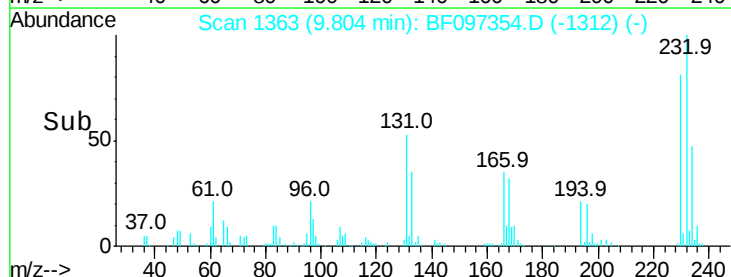
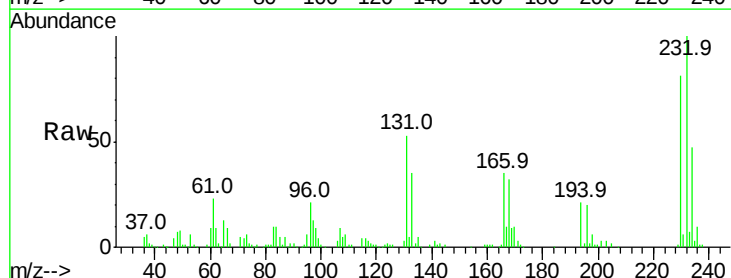
RT: 9.80 min Scan# 1363

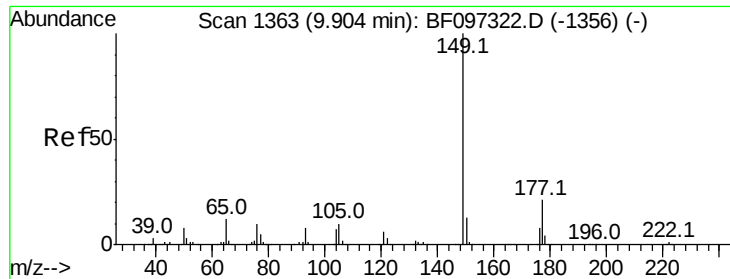
Delta R.T. -0.00 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	106247		
131	53.1	44.8	67.2	
130	2.5	2.3	3.5	
166	33.8	29.0	43.4	





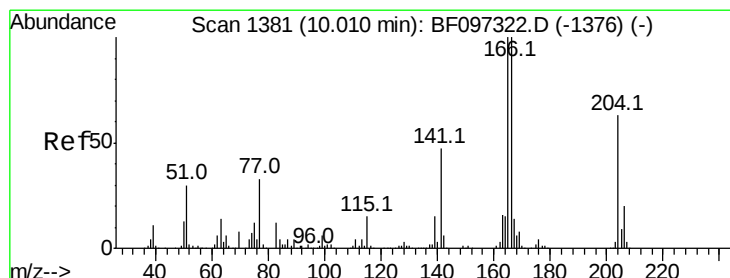
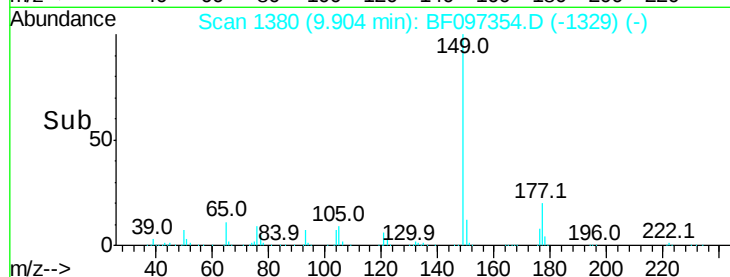
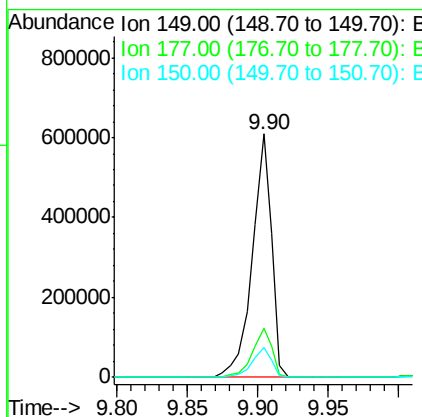
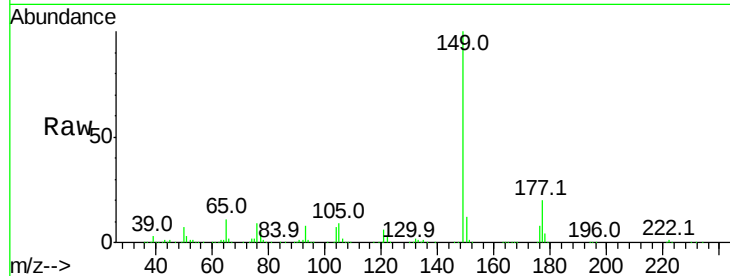
#59
 Diethylphthalate
 Concen: 48.273 ng
 RT: 9.90 min Scan# 1380
 Delta R.T. -0.00 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PB101182BSD

Tot Ion:	149	Resp:	583989
Ion Ratio	Lower	Upper	
149	100		
177	20.3	16.7	25.1
150	12.3	10.2	15.2

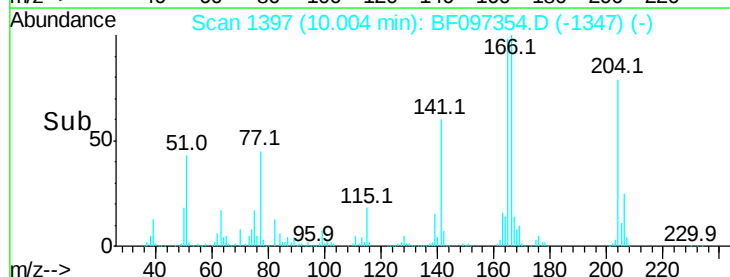
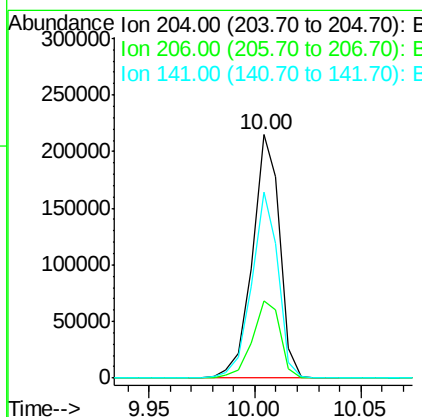
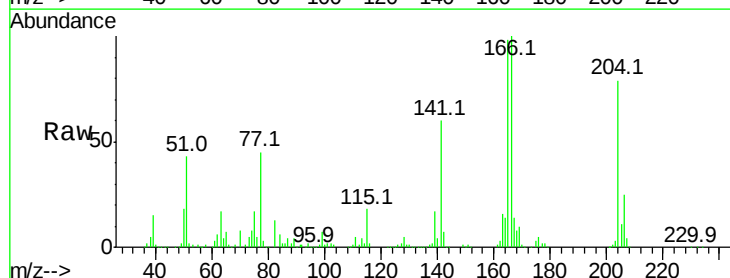
Manual Integrations
 APPROVED

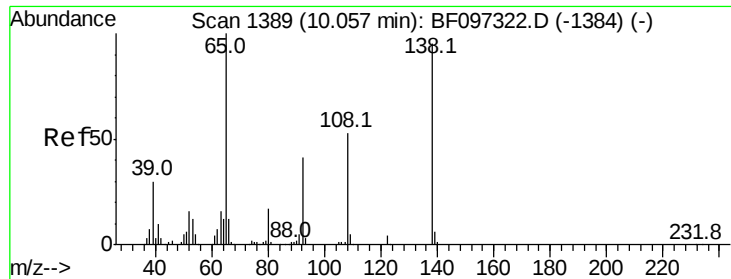
Sohil
 8/7/2017 6:09:28 PM



#60
 4-Chlorophenyl-phenylether
 Concen: 47.358 ng
 RT: 10.00 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

Tgt Ion:	204	Resp:	193192
Ion Ratio	Lower	Upper	
204	100		
206	31.6	26.2	39.2
141	76.2	60.8	91.2





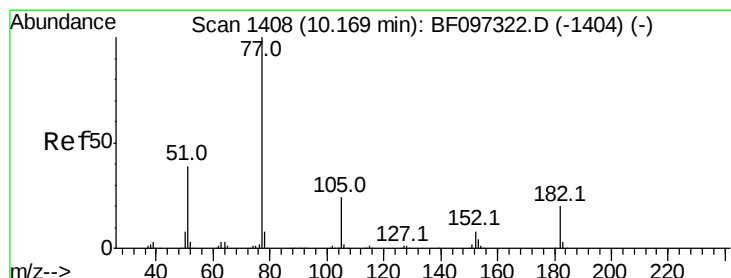
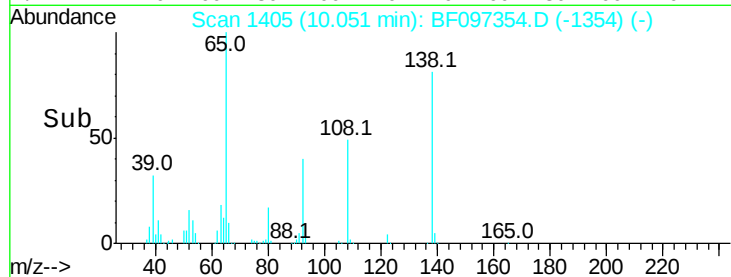
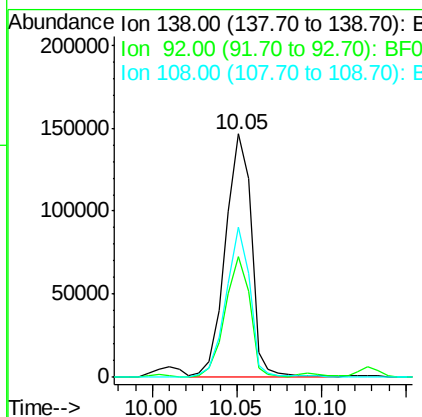
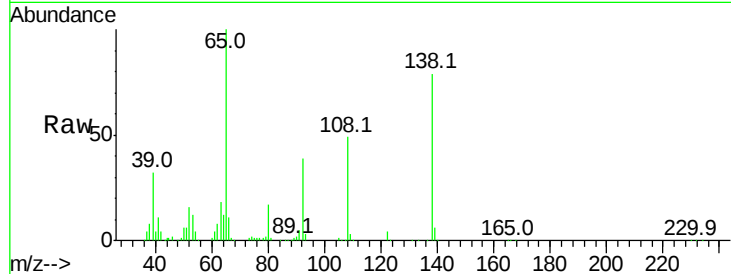
#61
4-Nitroaniline
Concen: 47.268 ng
RT: 10.05 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BF097354.D
Acq: 4 Aug 2017 14:22

Instrument :
BNA_F
ClientSampleId :
PB101182BSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	155911		
92	49.5	21.8	61.8	
108	61.6	42.3	82.3	

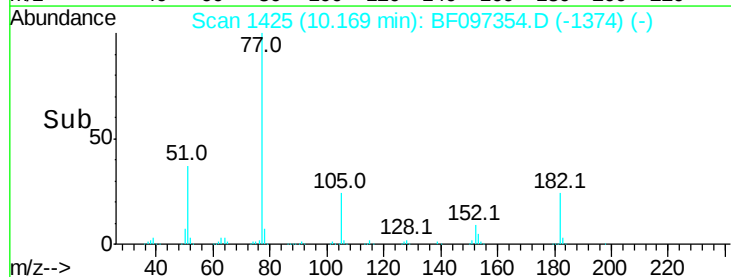
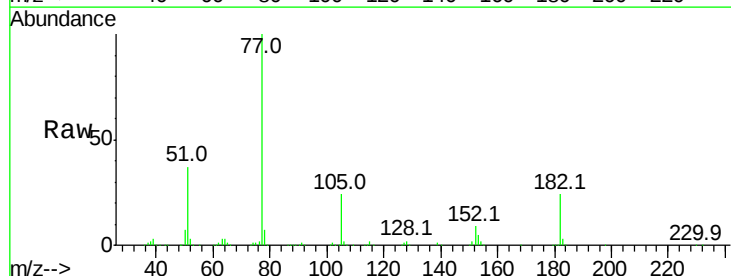
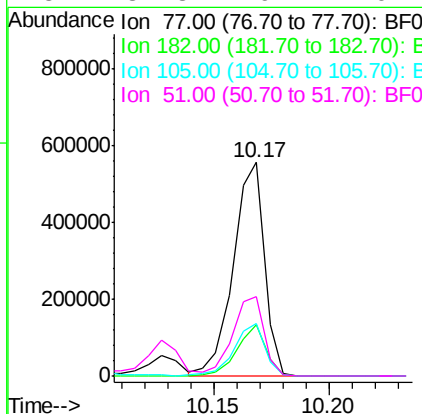
Manual Integrations
APPROVED

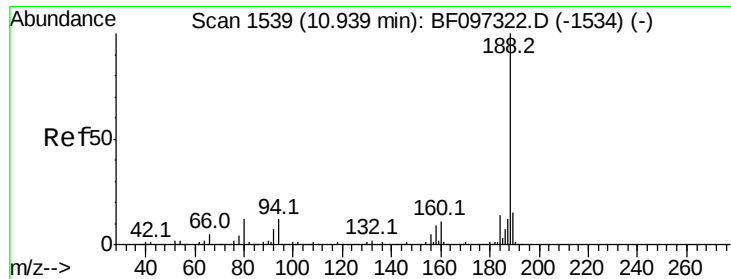
Sohil
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#62
Azobenzene
Concen: 46.482 ng
RT: 10.17 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BF097354.D
Acq: 4 Aug 2017 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	521656		
182	24.0	0.1	40.1	
105	24.5	3.6	43.6	
51	37.3	9.4	49.4	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 10.93 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

Instrument :

BNA_F

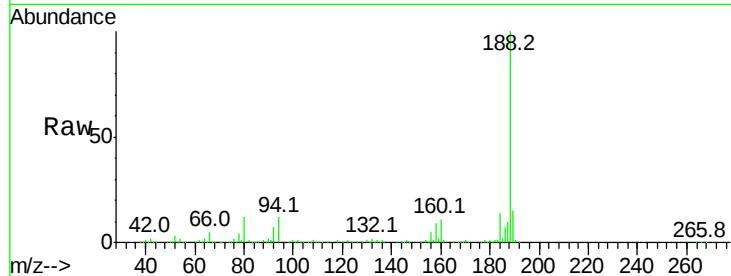
ClientSampleId :

PB101182BSD

Tot Ion:	188	Resp:	302180
Ion Ratio	Lower	Upper	
188	100		
94	12.2	9.4	14.2
80	12.4	10.2	15.2

Manual Integrations
APPROVED

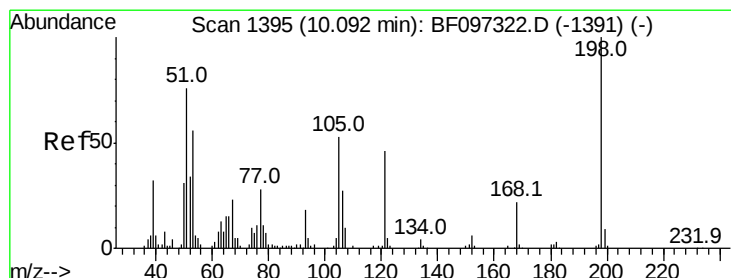
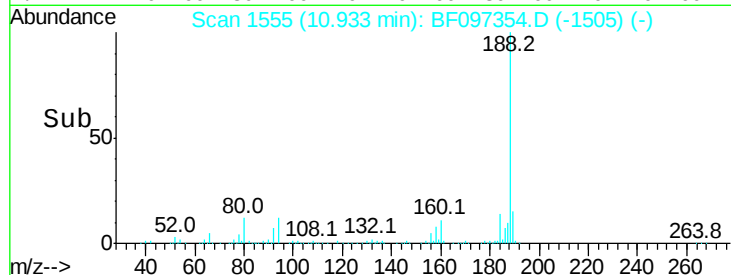
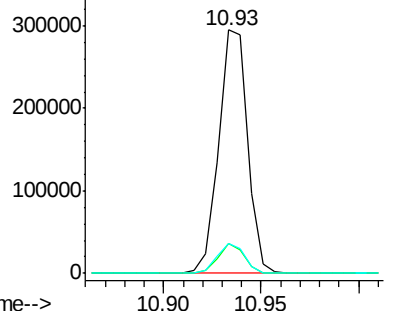
Sohil
8/7/2017 6:09:28 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 43.234 ng

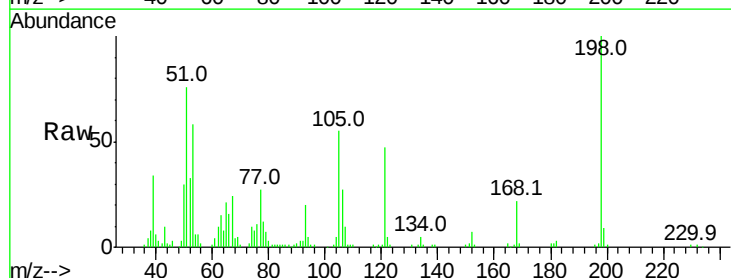
RT: 10.09 min Scan# 1412

Delta R.T. -0.00 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

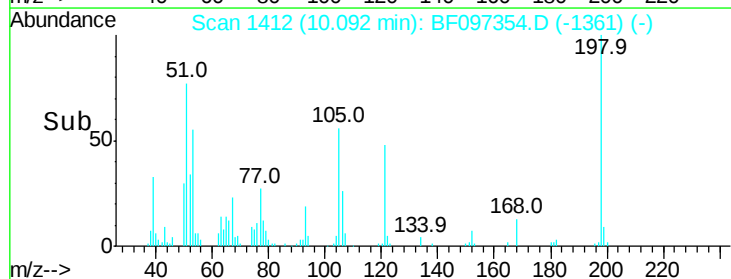
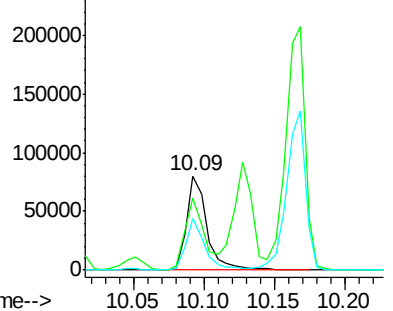
Tgt Ion:	198	Resp:	81181
Ion Ratio	Lower	Upper	
198	100		
51	76.5	53.2	93.2
105	54.7	45.8	85.8

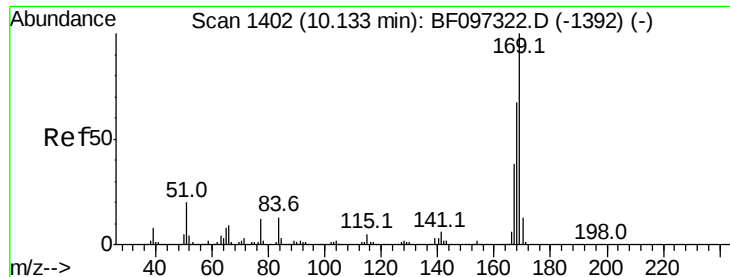


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





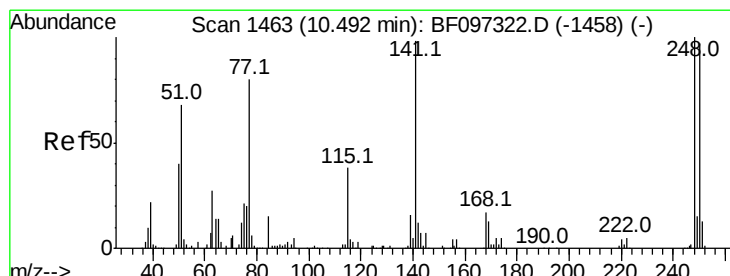
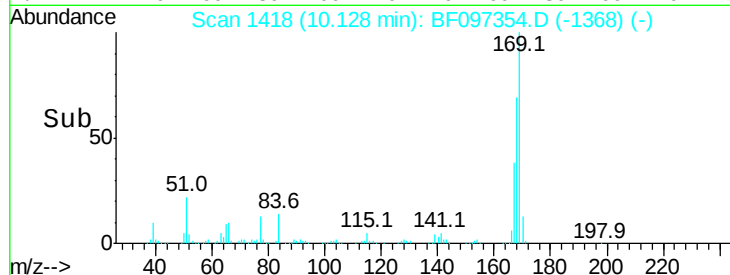
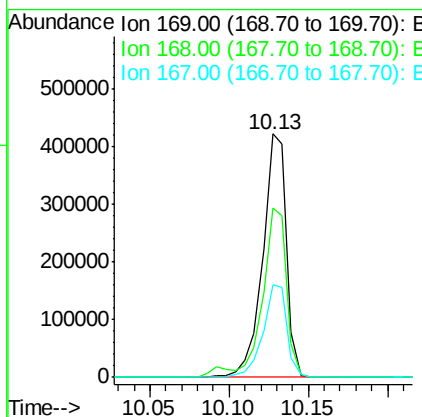
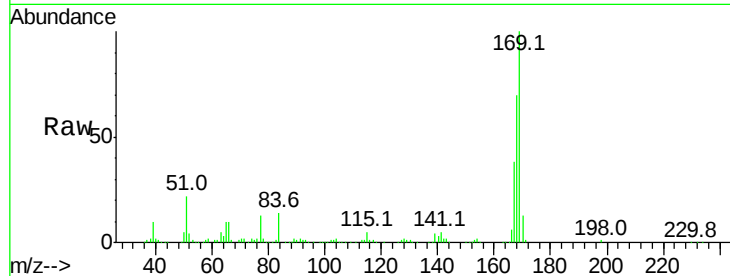
#65
n-Nitrosodiphenylamine
Concen: 41.900 ng
RT: 10.13 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF097354.D
Acq: 4 Aug 2017 14:22

Instrument :
BNA_F
ClientSampleId :
PB101182BSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	69.7	53.2	79.8
167	38.2	29.5	44.3

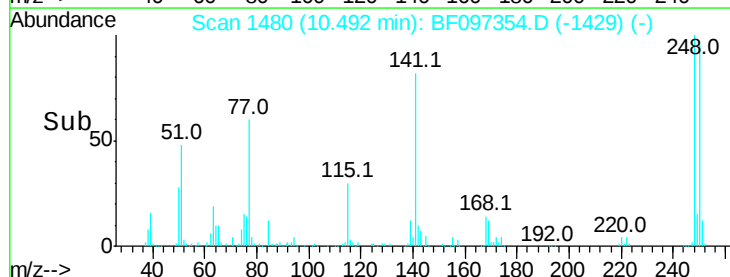
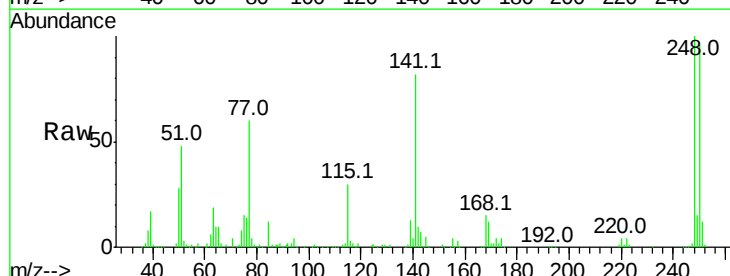
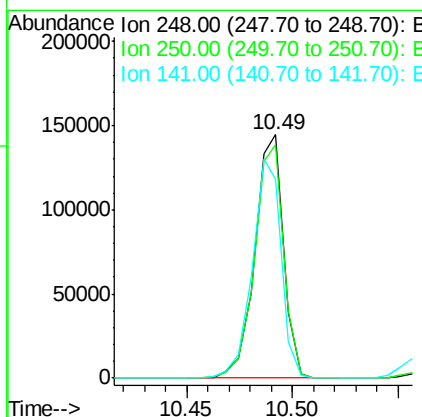
Manual Integrations
APPROVED

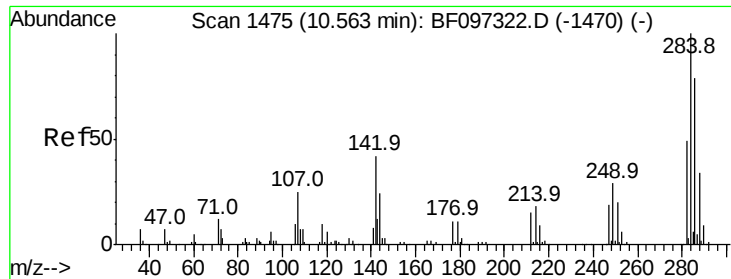
Sohil
8/7/2017 6:09:28 PM



#66
4-Bromophenyl-phenylether
Concen: 45.265 ng
RT: 10.49 min Scan# 1480
Delta R.T. -0.00 min
Lab File: BF097354.D
Acq: 4 Aug 2017 14:22

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.0	76.8	115.2
141	81.9	68.6	103.0





#67

Hexachlorobenzene

Concen: 41.983 ng

RT: 10.56 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

Instrument :

BNA_F

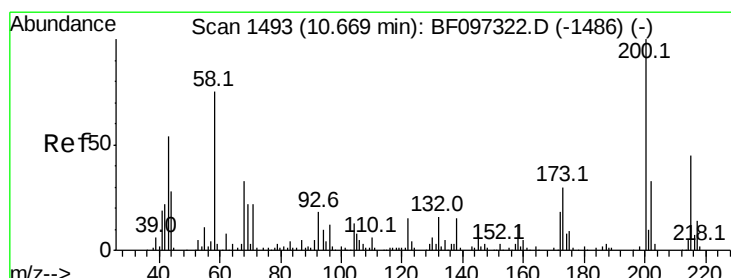
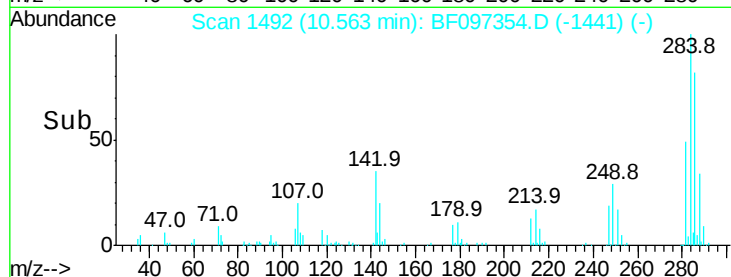
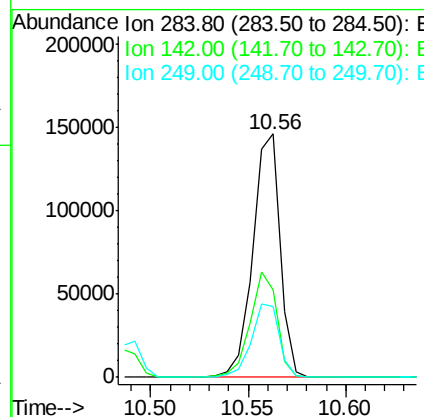
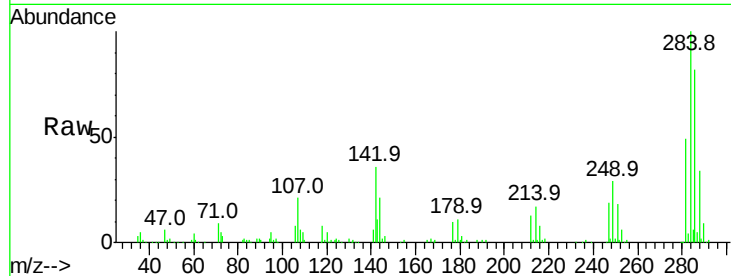
ClientSampleId :

PB101182BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	141977		
142	36.0	22.8	34.2#	
249	28.9	24.0	36.0	

Manual Integrations
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#68

Atrazine

Concen: 46.642 ng

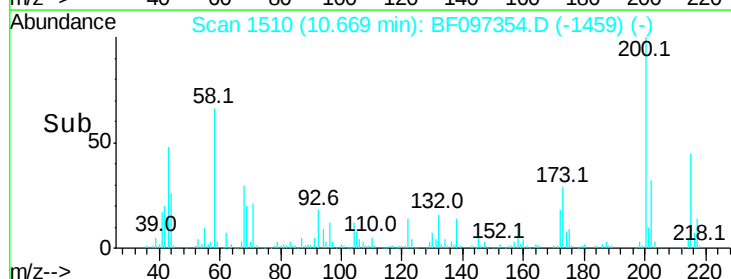
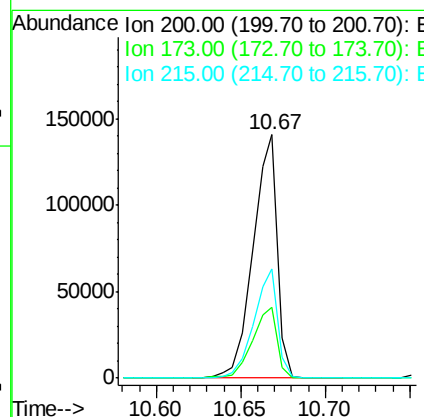
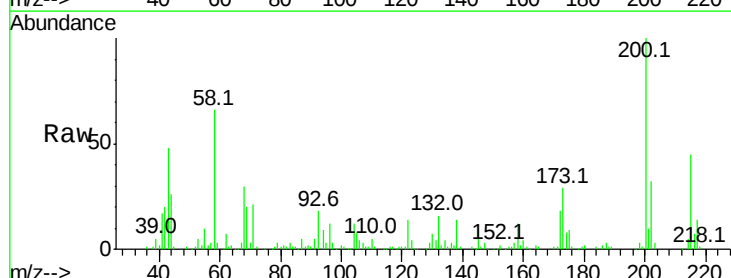
RT: 10.67 min Scan# 1510

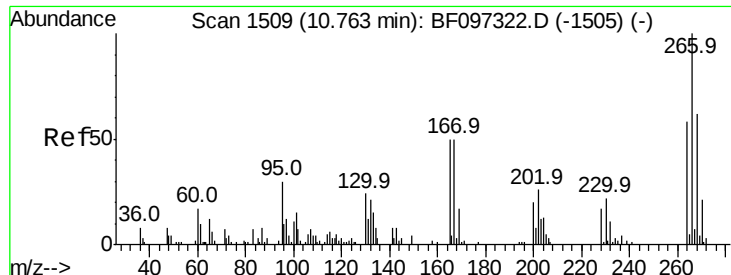
Delta R.T. -0.00 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	140621		
173	28.9	6.3	46.3	
215	44.8	27.2	67.2	





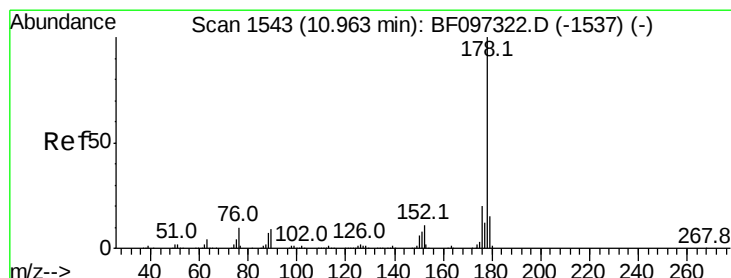
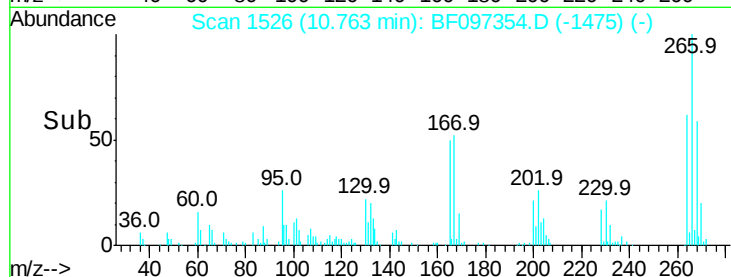
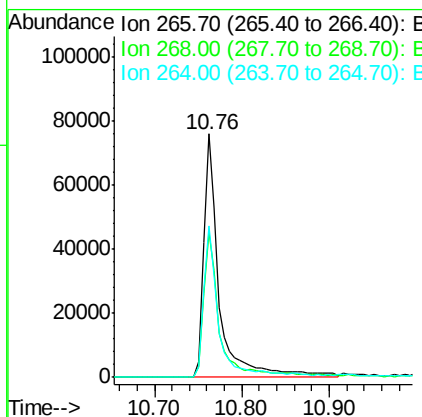
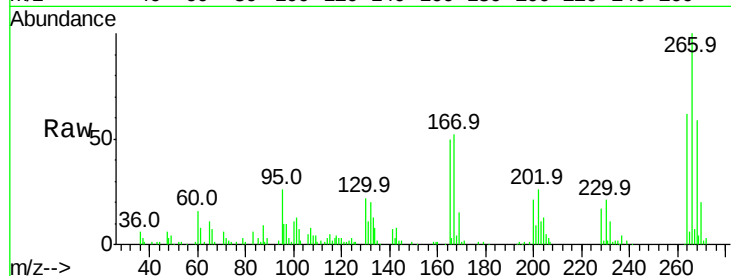
#69
 Pentachlorophenol
 Concen: 67.676 ng
 RT: 10.76 min Scan# 1526
 Delta R.T. -0.00 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PB101182BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	94694		
268	59.4		51.1	76.7
264	62.1		51.7	77.5

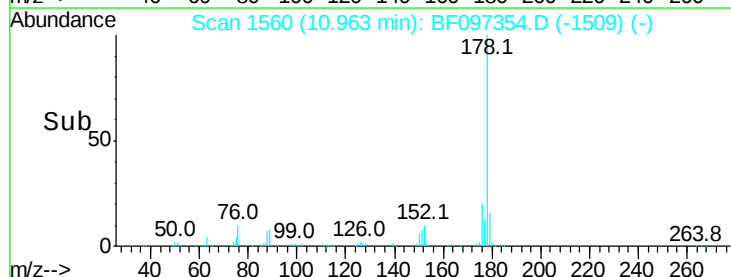
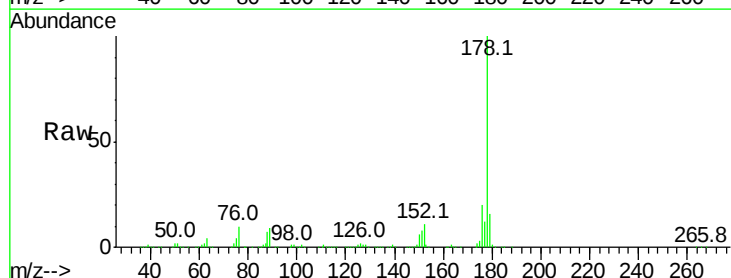
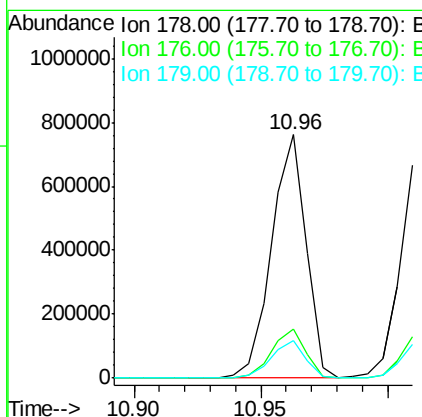
Manual Integrations
 APPROVED

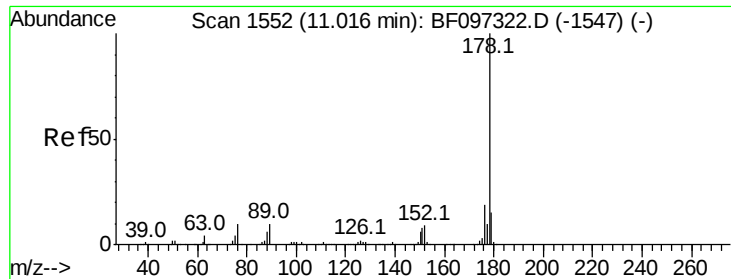
Sohil
 8/7/2017 6:09:28 PM



#70
 Phenanthrene
 Concen: 44.960 ng
 RT: 10.96 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	727941		
176	20.1		16.2	24.4
179	15.5		12.6	19.0





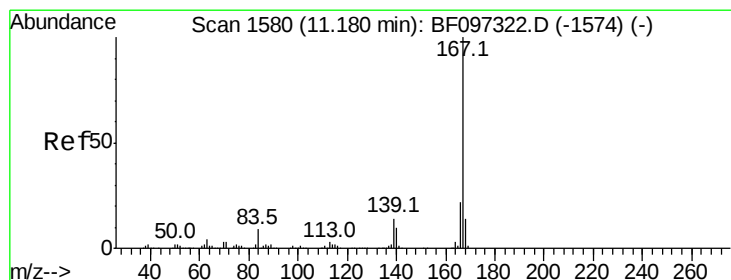
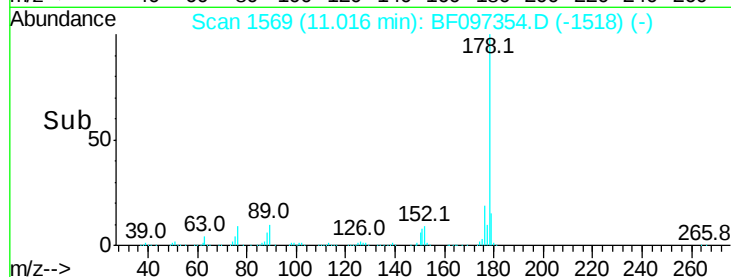
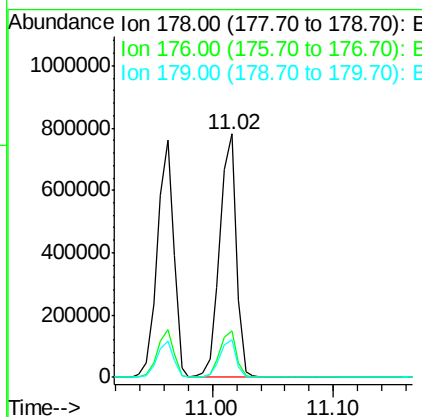
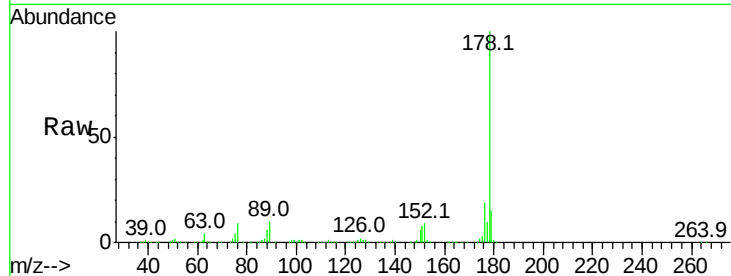
#71
 Anthracene
 Concen: 44.560 ng
 RT: 11.02 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PB101182BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.3	12.7	19.1

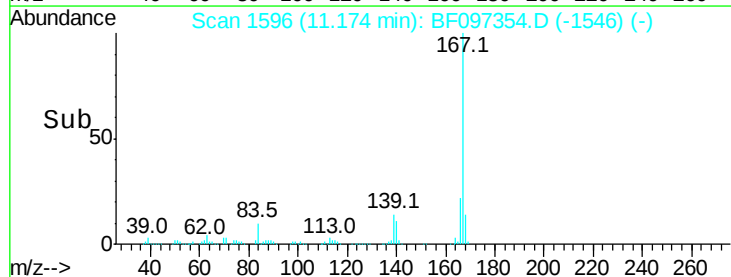
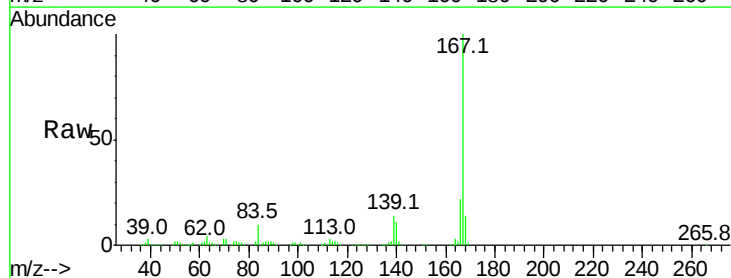
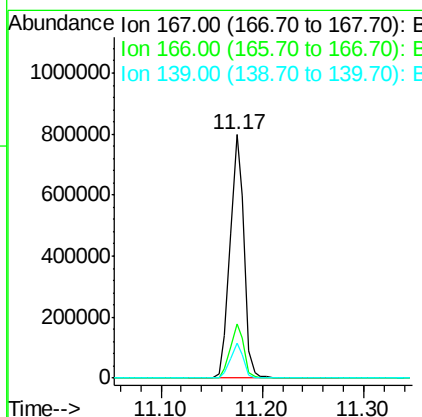
Manual Integrations
 APPROVED

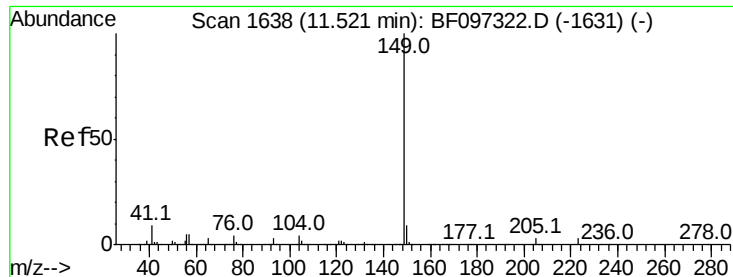
Sohil
 8/7/2017 6:09:28 PM



#72
 Carbazole
 Concen: 46.622 ng
 RT: 11.17 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.1	27.1
139	14.2	11.7	17.5





#73

Di-n-butylphthalate

Concen: 42.718 ng

RT: 11.52 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

Instrument :

BNA_F

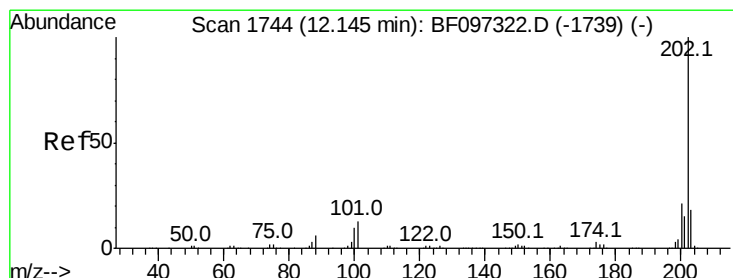
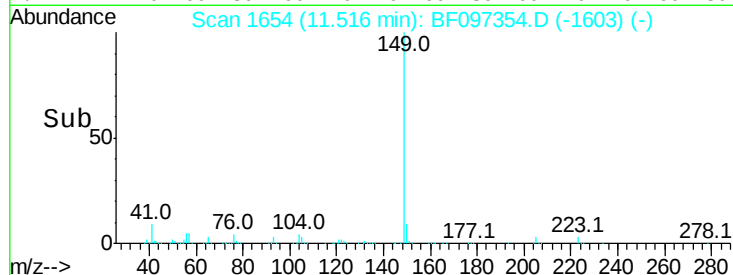
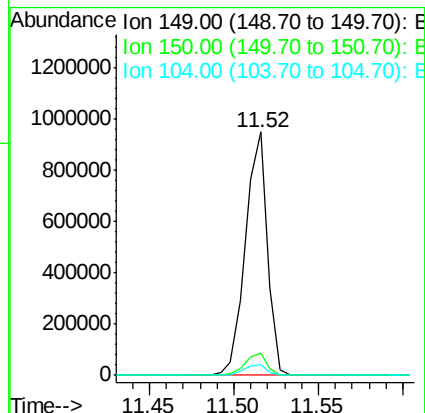
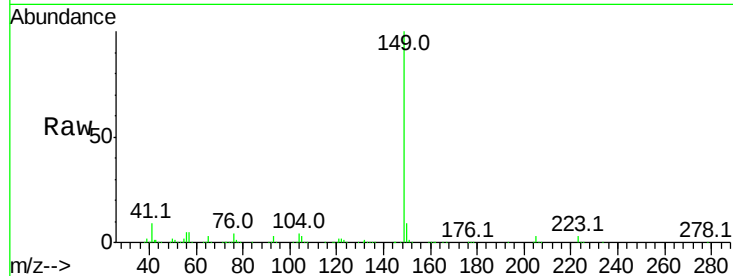
ClientSampleId :

PB101182BSD

Tot Ion:	149	Resp:	861188
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.7	11.5
104	4.3	4.0	6.0

Manual Integrations
APPROVED

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#74

Fluoranthene

Concen: 48.670 ng

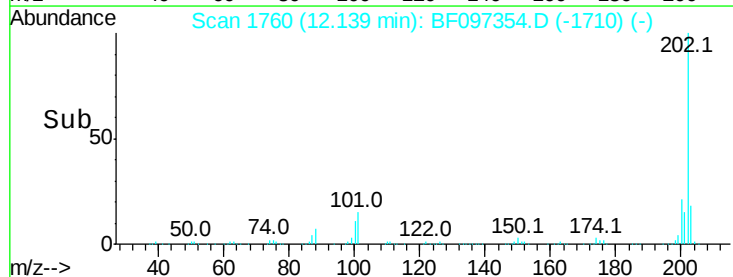
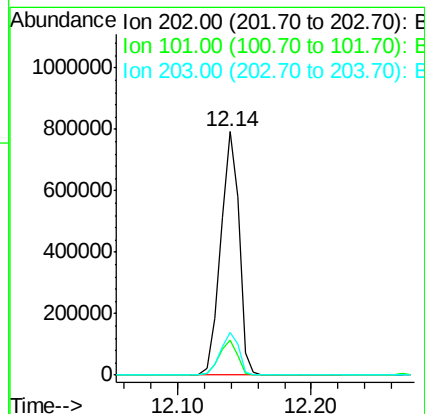
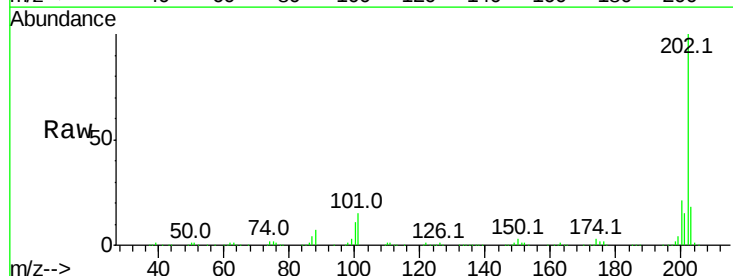
RT: 12.14 min Scan# 1760

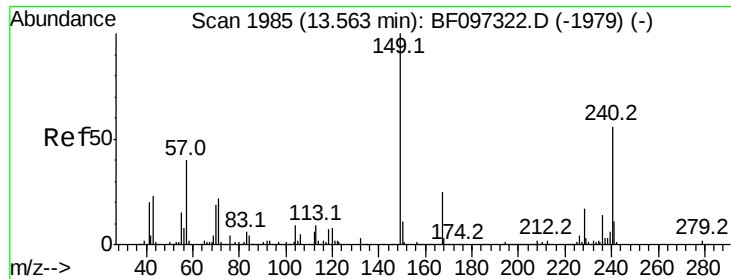
Delta R.T. -0.01 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

Tgt Ion:	202	Resp:	771986
Ion Ratio	Lower	Upper	
202	100		
101	14.6	0.0	33.2
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.56 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

Instrument :

BNA_F

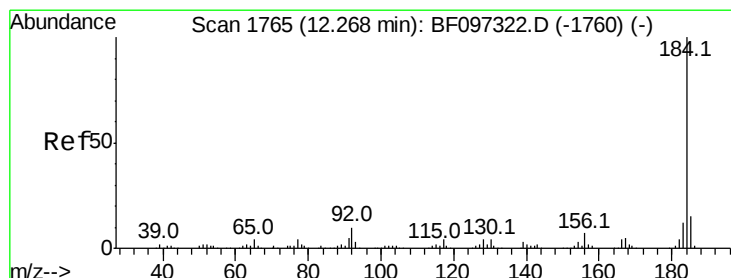
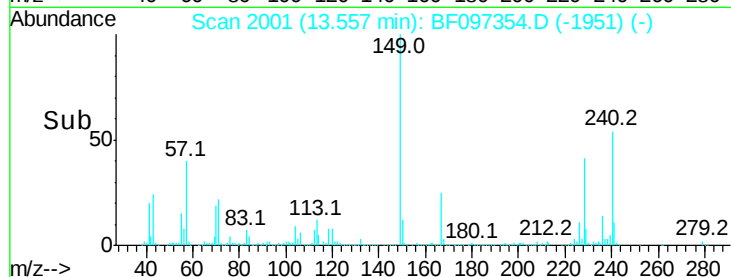
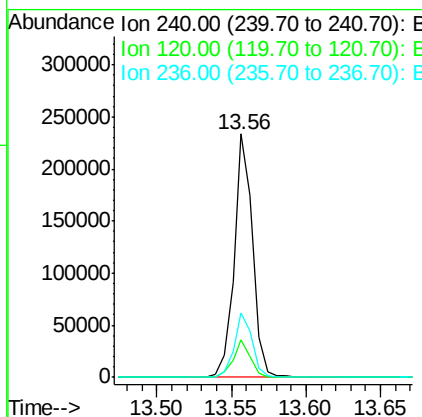
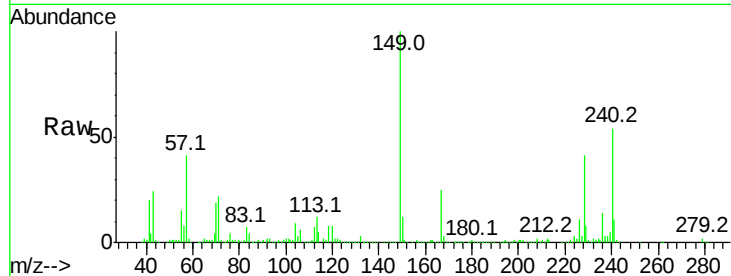
ClientSampleId :

PB101182BSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100	201710		
120	15.5	5.8	8.8#	
236	26.4	20.5	30.7	

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#76

Benzidine

Concen: 51.868 ng

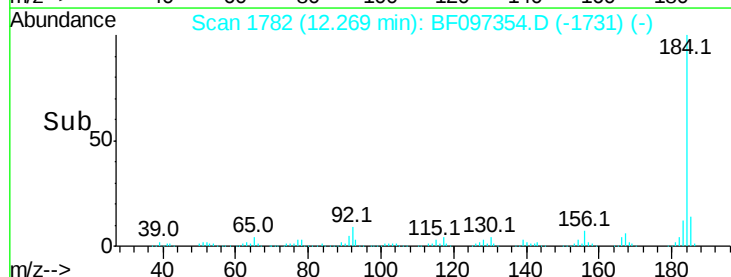
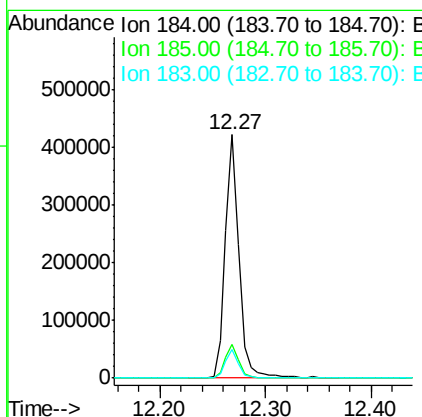
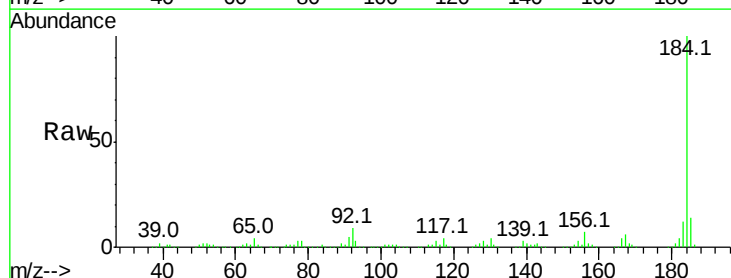
RT: 12.27 min Scan# 1782

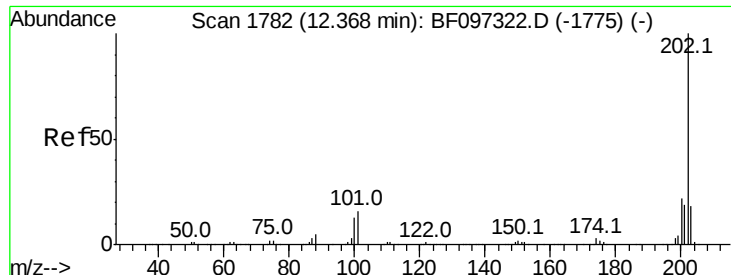
Delta R.T. -0.00 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	388198		
185	14.0	15.5	23.3#	
183	11.6	9.8	14.6	





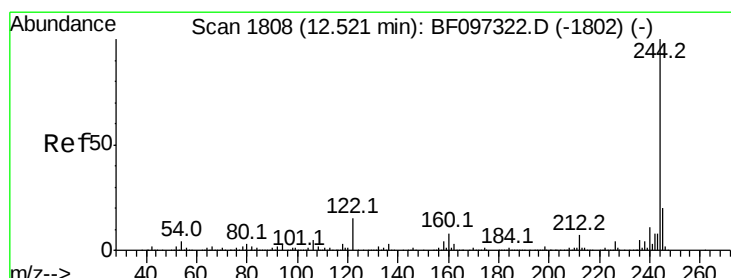
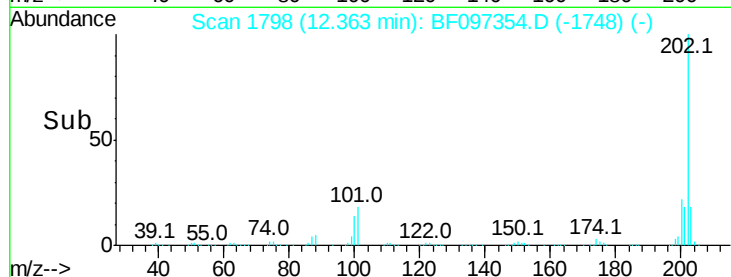
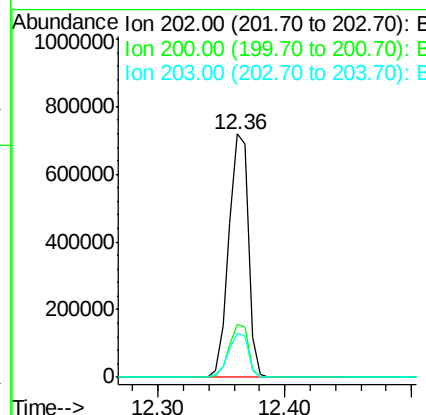
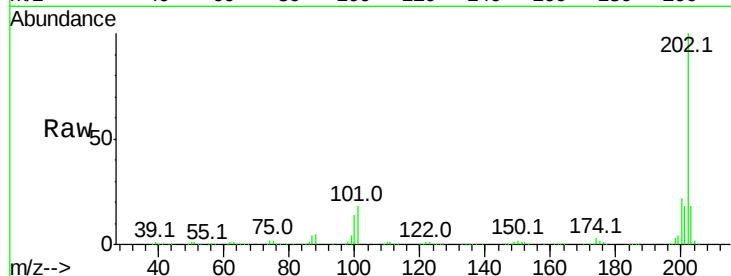
#77
Pvrene
Concen: 46.559 ng
RT: 12.36 min Scan# 1798
Delta R.T. -0.01 min
Lab File: BF097354.D
Acq: 4 Aug 2017 14:22

Instrument :
BNA_F
ClientSampleId :
PB101182BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.9	17.6	26.4
203	18.3	14.4	21.6

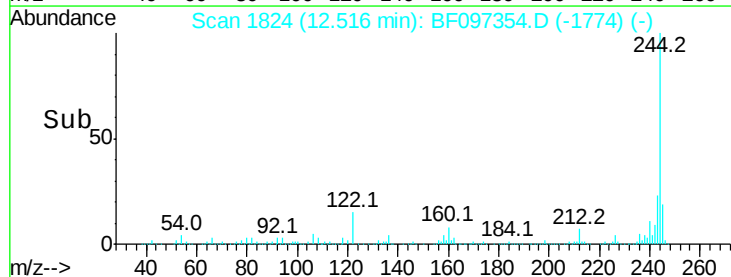
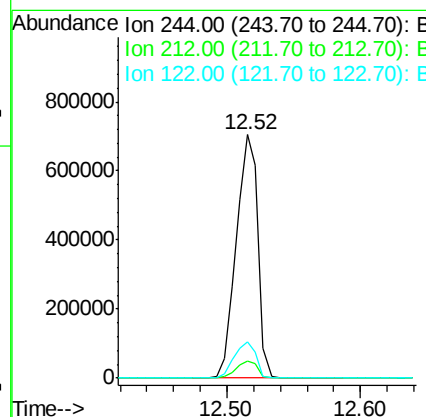
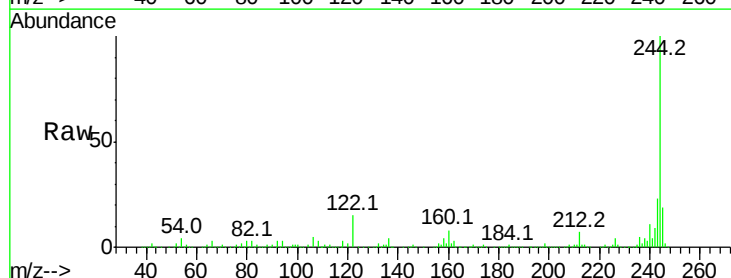
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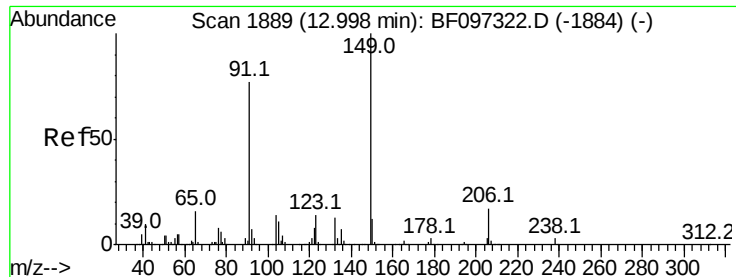
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#78
Terphenyl-d14
Concen: 80.801 ng
RT: 12.52 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF097354.D
Acq: 4 Aug 2017 14:22

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	6.0	9.0
122	15.1	10.3	15.5





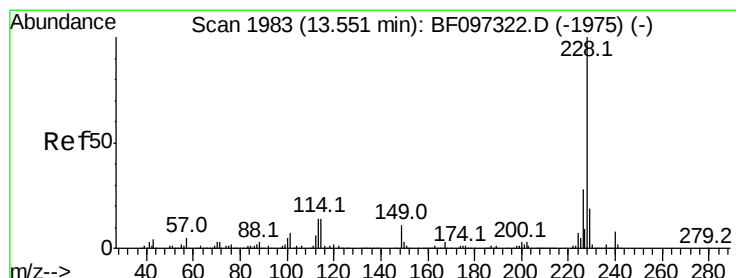
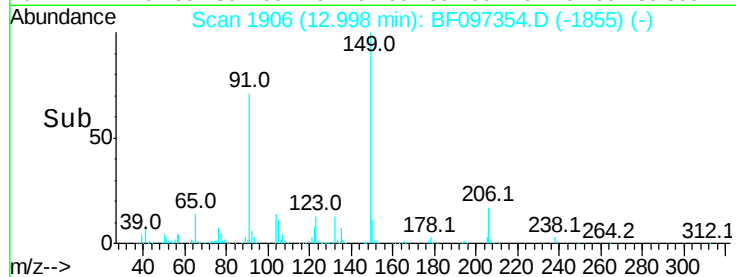
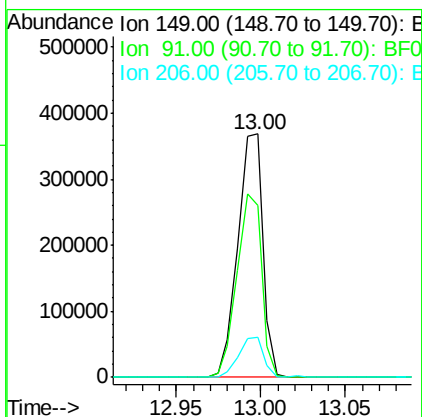
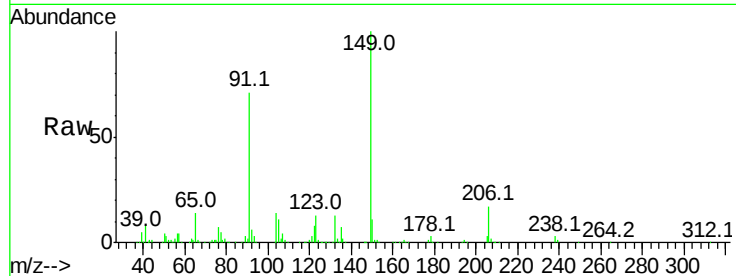
#79
Butylbenzylphthalate
Concen: 45.535 ng
RT: 13.00 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BF097354.D
Acq: 4 Aug 2017 14:22

Instrument :
BNA_F
ClientSampleId :
PB101182BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	382487		
91	70.8	45.0	67.4#	
206	16.7	17.0	25.6#	

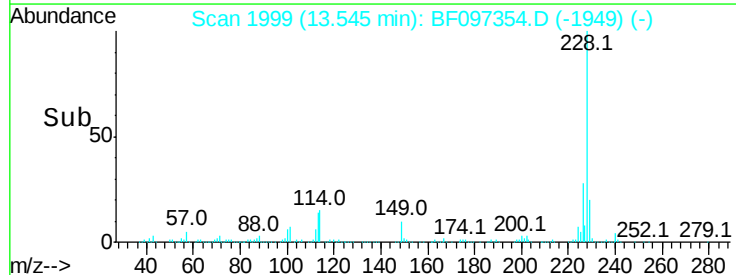
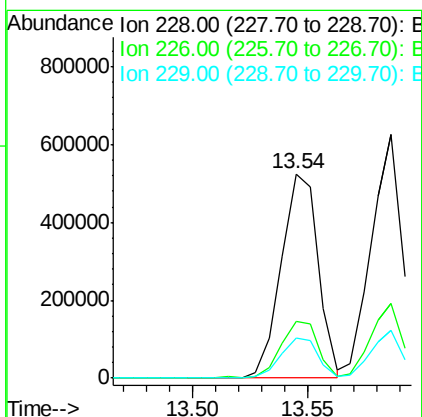
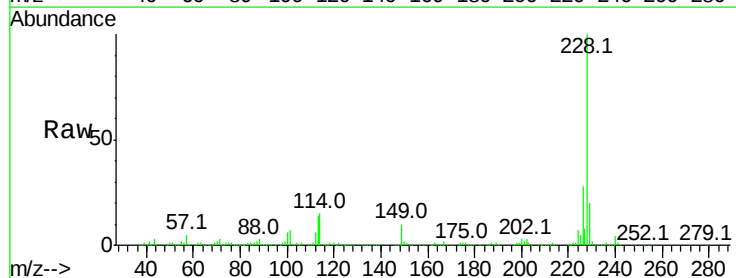
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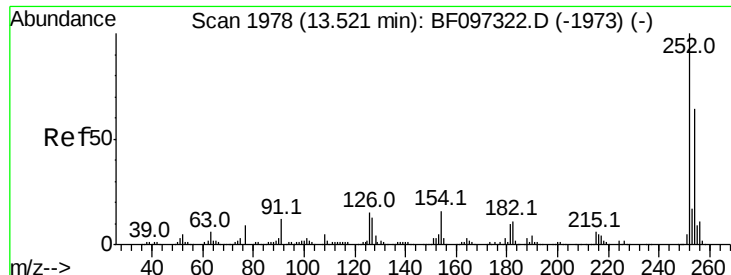
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#80
Benzo(a)anthracene
Concen: 44.494 ng
RT: 13.54 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BF097354.D
Acq: 4 Aug 2017 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	580713		
226	27.6	22.6	33.8	
229	19.5	16.3	24.5	





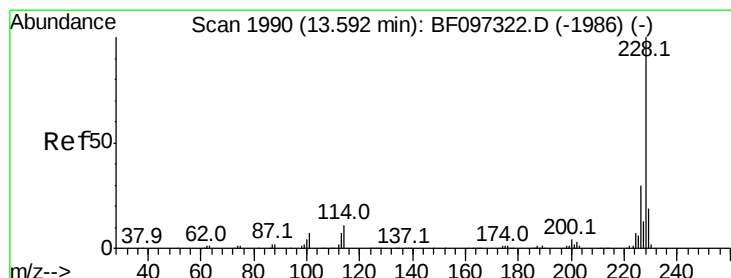
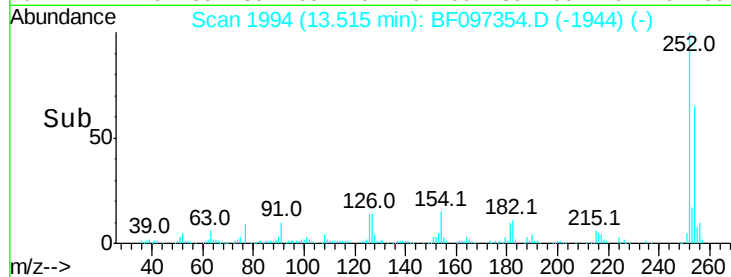
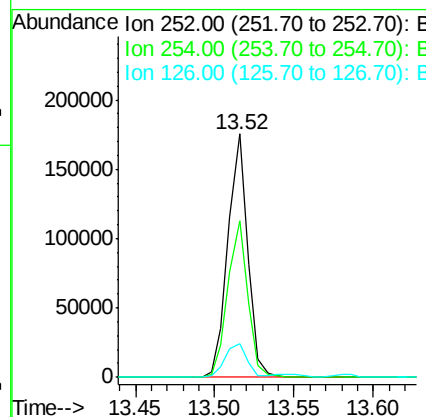
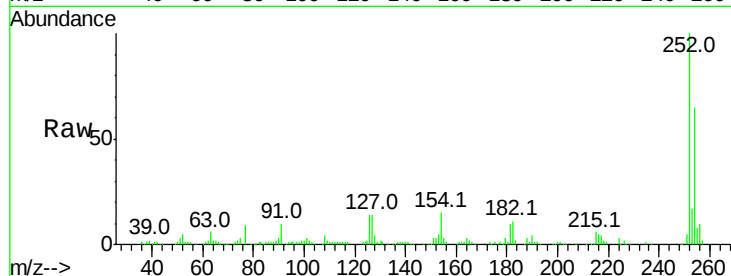
#81
 3,3'-Dichlorobenzidine
 Concen: 30.978 ng
 RT: 13.52 min Scan# 1994
 Delta R.T. -0.01 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PB101182BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.6	51.5	77.3
126	14.0	15.8	23.8

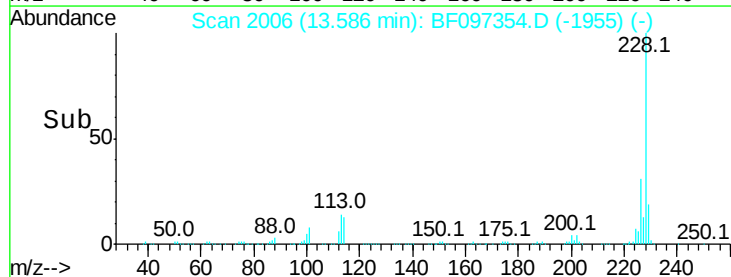
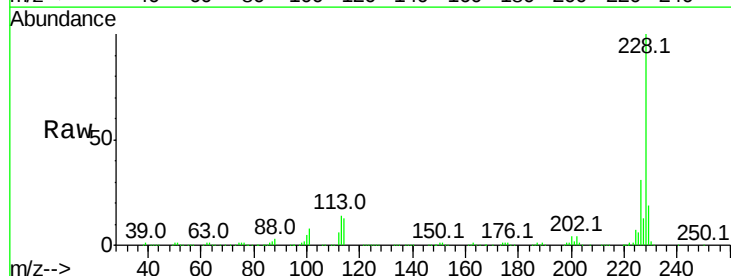
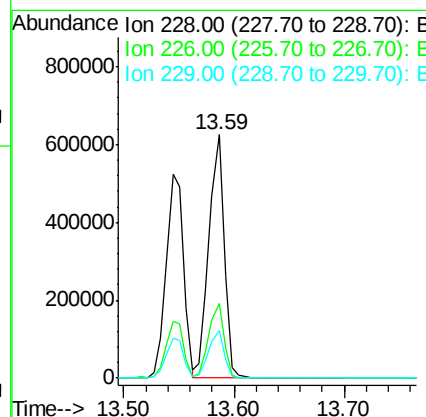
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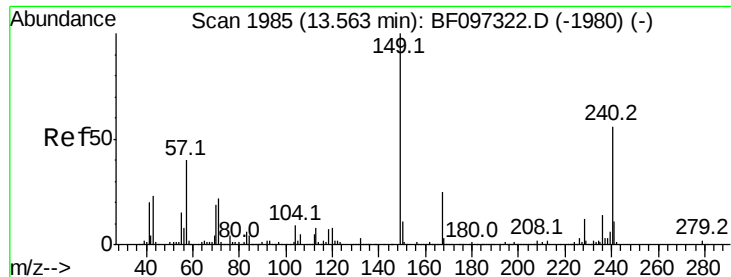
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#82
 Chrysene
 Concen: 45.915 ng
 RT: 13.59 min Scan# 2006
 Delta R.T. -0.00 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.8	24.9	37.3
229	19.5	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.117 ng

RT: 13.56 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

Instrument :

BNA_F

ClientSampleId :

PB101182BSD

Tot Ion:149 Resp: 450950
Ion Ratio Lower Upper

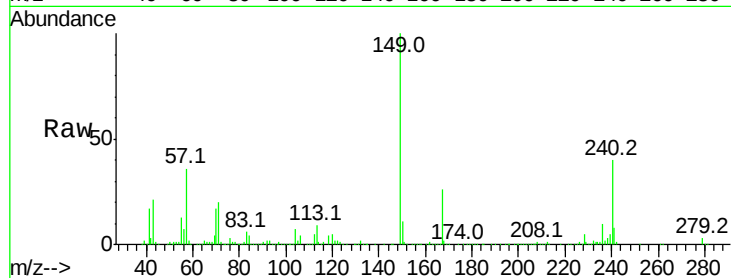
149 100

167 26.0 21.0 31.4

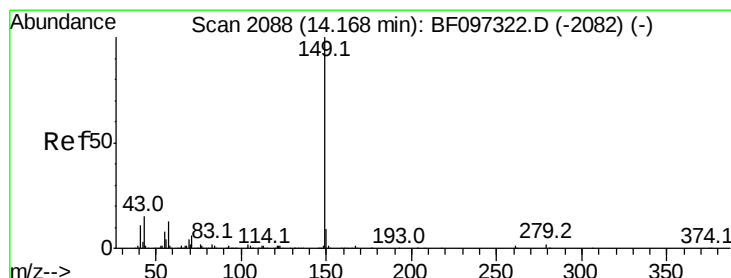
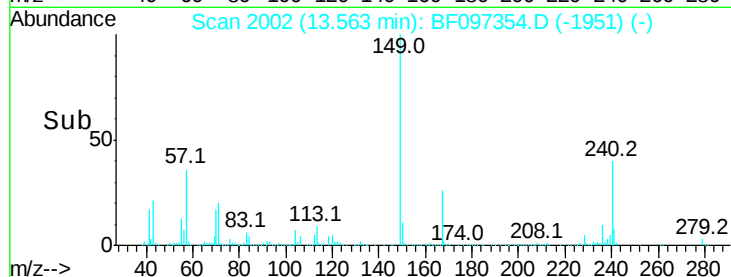
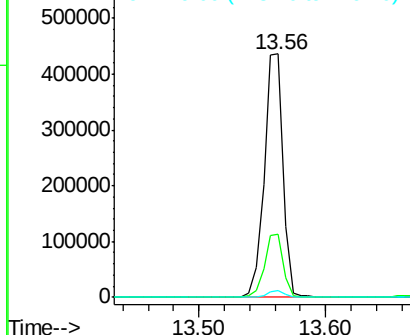
279 3.0 1.9 2.9#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 37.577 ng

RT: 14.16 min Scan# 2104

Delta R.T. -0.01 min

Lab File: BF097354.D

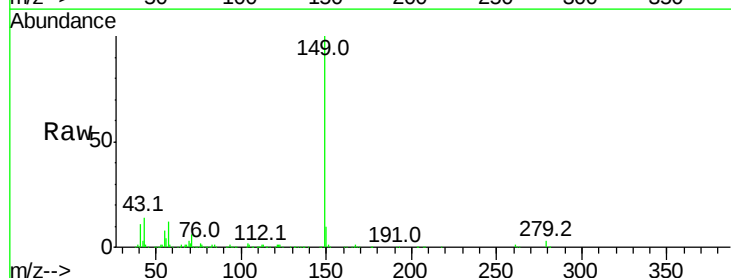
Acq: 4 Aug 2017 14:22

Tgt Ion:149 Resp: 756289
Ion Ratio Lower Upper

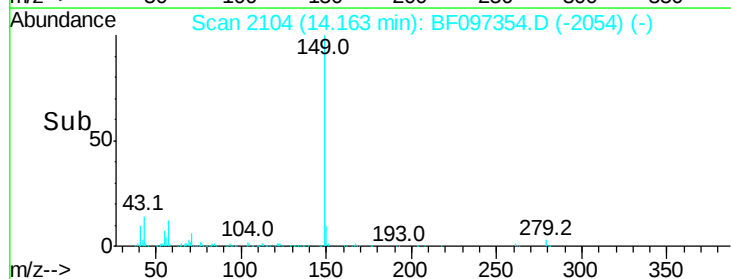
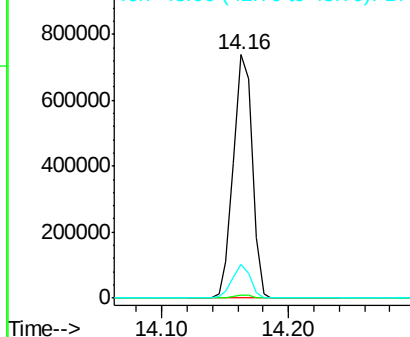
149 100

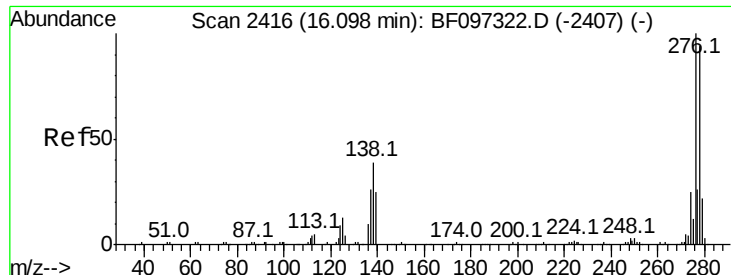
167 1.5 1.2 1.8

43 13.1 8.5 12.7#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





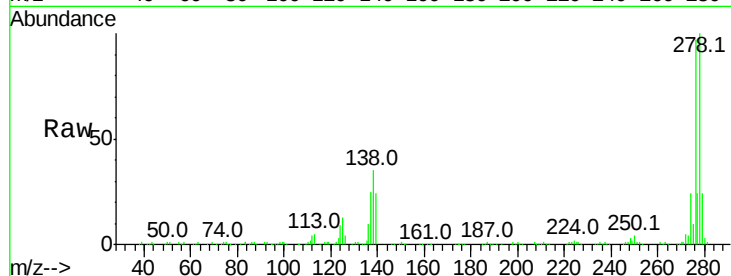
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.467 ng
RT: 16.10 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BF097354.D
Acq: 4 Aug 2017 14:22

Instrument :
BNA_F
ClientSampleId :
PB101182BSD

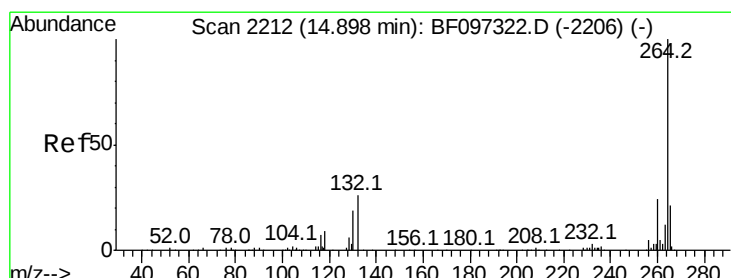
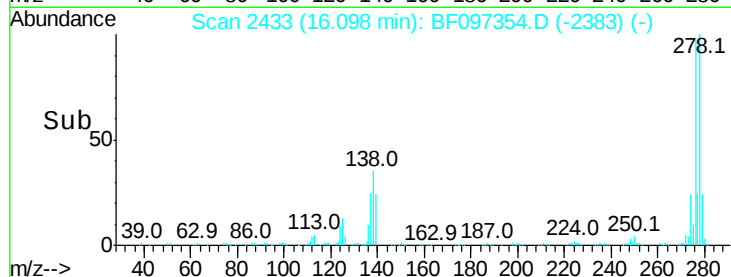
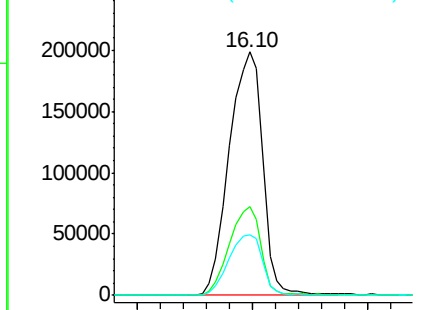
Tot Ion	Ratio	Resp	Lower	Upper
276	100	398511		
138	34.7		27.8	41.6
277	25.2		20.2	30.4

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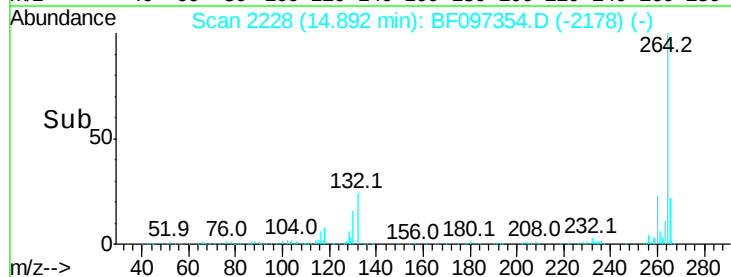
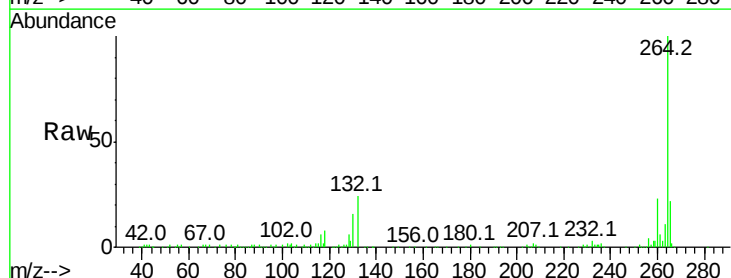
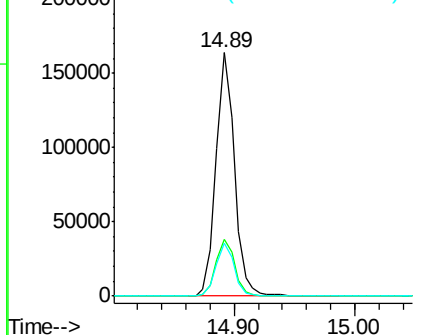
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

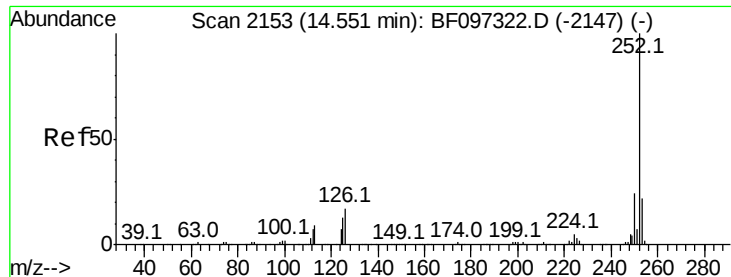


#86
Perylene-d12
Concen: 20.000 ng
RT: 14.89 min Scan# 2228
Delta R.T. -0.01 min
Lab File: BF097354.D
Acq: 4 Aug 2017 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	172785		
260	23.5		19.5	29.3
265	21.9		17.2	25.8

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





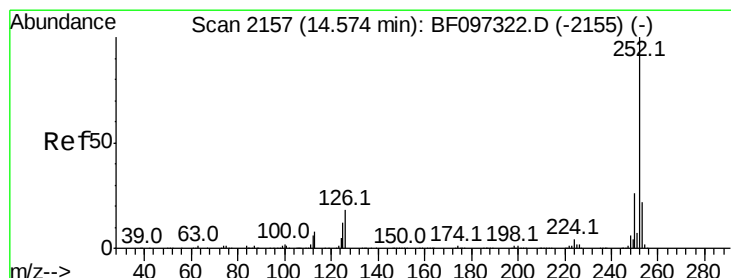
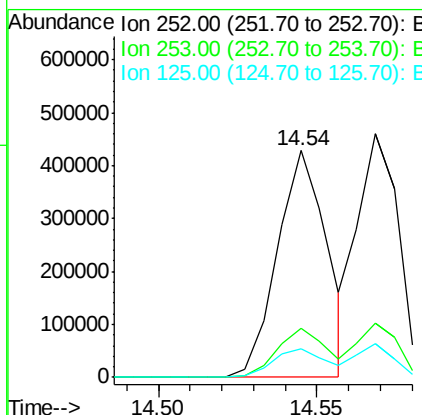
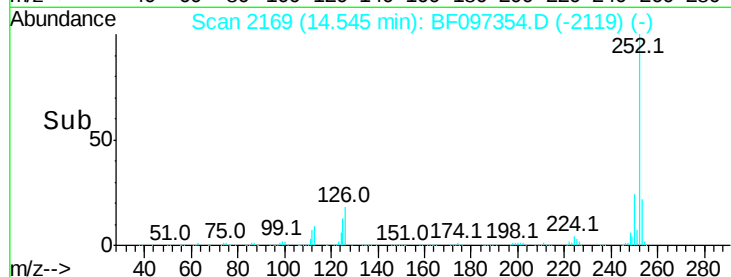
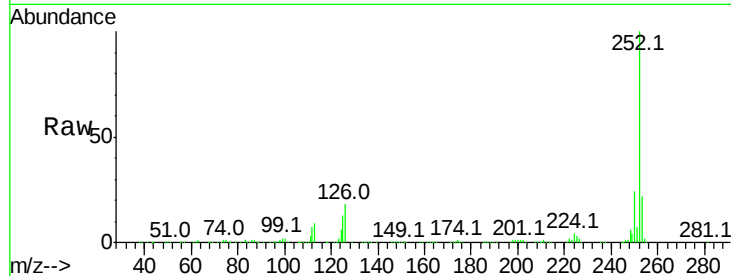
#87
Benzo(b)fluoranthene
Concen: 44.898 ng
RT: 14.54 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF097354.D
Acq: 4 Aug 2017 14:22

Instrument :
BNA_F
ClientSampleId :
PB101182BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	12.7	9.8	14.8

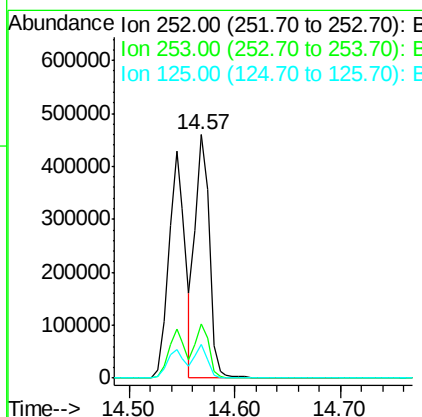
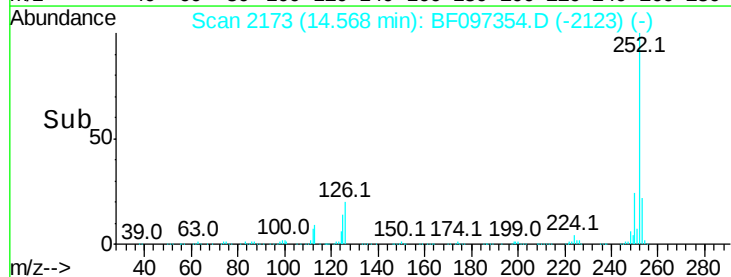
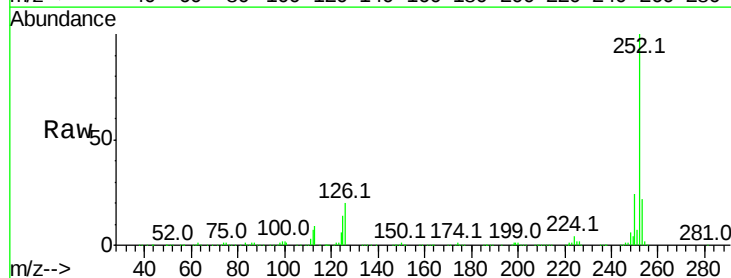
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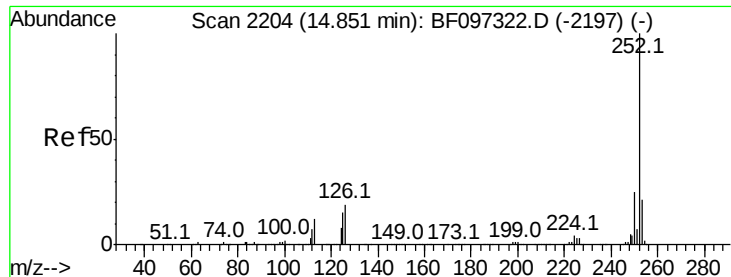
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#88
Benzo(k)fluoranthene
Concen: 42.482 ng
RT: 14.57 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF097354.D
Acq: 4 Aug 2017 14:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.4	27.6
125	13.6	13.1	19.7





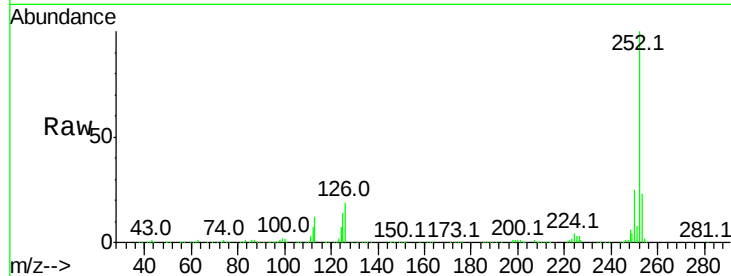
#89
Benzo(a)pyrene
Concen: 44.088 ng
RT: 14.84 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF097354.D
Acq: 4 Aug 2017 14:22

Instrument :
BNA_F
ClientSampleId :
PB101182BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	14.5	11.0	16.4

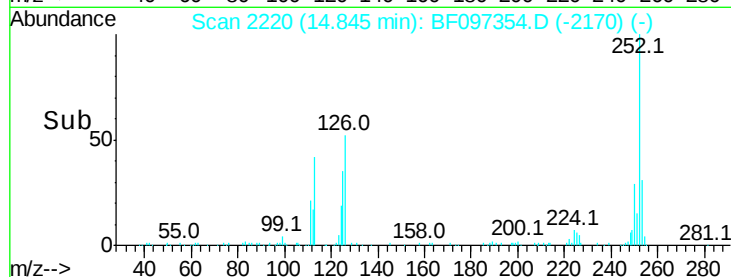
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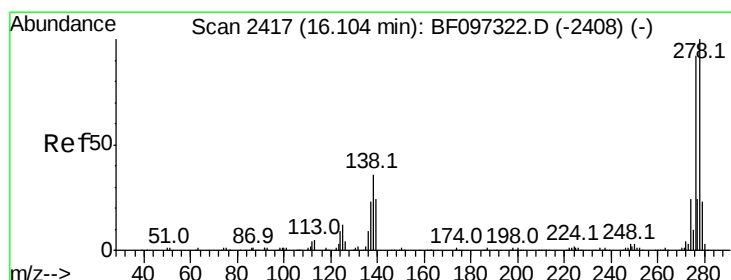


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

14.84

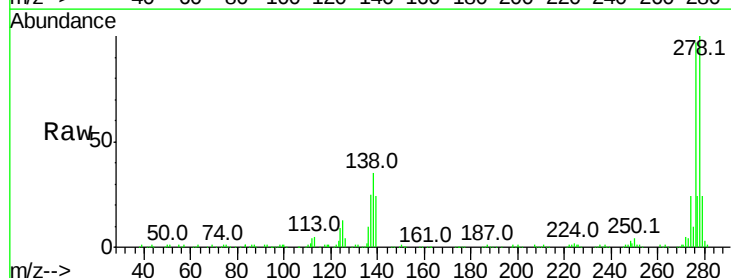


Time-->



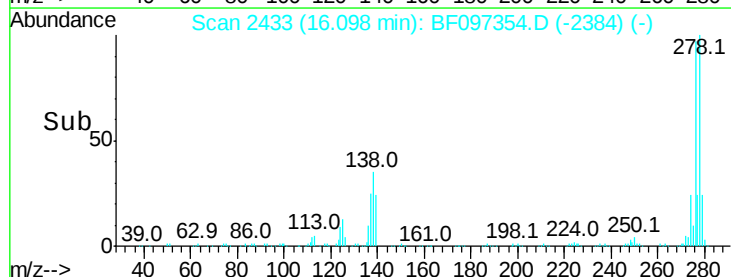
#90
Dibenzo(a,h)anthracene
Concen: 41.999 ng
RT: 16.10 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BF097354.D
Acq: 4 Aug 2017 14:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.5	16.6	24.8
279	23.7	19.3	28.9

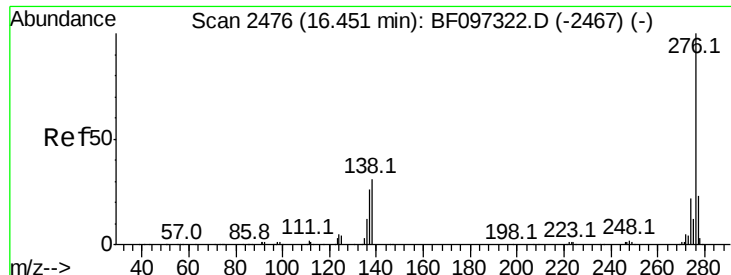


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

16.10



Time-->



#91
 Benzo(a,h,i)perylene
 Concen: 43.039 ng
 RT: 16.45 min Scan# 2493
 Delta R.T. -0.01 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PB101182BSD

Tot Ion:	276	Resp:	351836
Ion Ratio	Lower	Upper	
276	100		
277	23.8	18.6	28.0
138	28.4	25.4	38.0

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