

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
 Data File : BF097159.D
 Acq On : 28 Jul 2017 17:44
 Operator : SJ/JU
 Sample : PB101003BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101003BS

Manual Integrations
 APPROVED

Sohil
 7/31/2017 6:52:12 PM

Quant Time: Jul 28 23:00:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	98251	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	434728	20.00	ng	-0.02
38) Acenaphthene-d10	9.52	164	187801	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	315695	20.00	ng	-0.01
75) Chrysene-d12	13.62	240	218716	20.00	ng	-0.01
86) Perylene-d12	14.96	264	155615	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.10	112	684055	104.96	ng	0.00
7) Phenol-d6	6.16	99	811627	109.08	ng	-0.01
23) Nitrobenzene-d5	7.06	82	551559	74.43	ng	-0.02
41) 2,4,6-Tribromophenol	10.31	330	169749	114.40	ng	-0.01
44) 2-Fluorobiphenyl	8.85	172	844646	76.33	ng	-0.02
78) Terphenyl-d14	12.57	244	747962	69.72	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.09	88	96728	35.564	ng	# 74
3) Pyridine	2.72	79	272411	32.709	ng	# 63
4) n-Nitrosodimethylamine	2.66	42	158949	34.450	ng	# 82
6) Aniline	6.15	93	199715	21.330	ng	# 74
8) 2-Chlorophenol	6.28	128	247458	35.508	ng	99
9) Benzaldehyde	6.03	77	187610	42.599	ng	97
10) Phenol	6.17	94	297800	33.743	ng	95
11) bis(2-Chloroethyl)ether	6.23	93	226135	32.396	ng	91
12) 1,3-Dichlorobenzene	6.43	146	240322	31.999	ng	100
13) 1,4-Dichlorobenzene	6.50	146	253585	34.071	ng	95
14) 1,2-Dichlorobenzene	6.66	146	225114	34.640	ng	97
15) Benzyl Alcohol	6.65	79	180386	38.292	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.77	45	536131	38.294	ng	60
17) 2-Methylphenol	6.77	107	205401	38.188	ng	# 89
18) Hexachloroethane	6.99	117	103519	38.017	ng	# 75
19) n-Nitroso-di-n-propylamine	6.92	70	194111	39.634	ng	# 82
20) 3+4-Methylphenols	6.93	107	297795	42.391	ng	# 61
22) Acetophenone	6.90	105	370055	35.446	ng	98
24) Nitrobenzene	7.07	77	275627	35.713	ng	94
25) Isophorone	7.32	82	496669	34.224	ng	97
26) 2-Nitrophenol	7.39	139	148199	35.493	ng	# 86
27) 2,4-Dimethylphenol	7.45	122	241511	35.063	ng	97
28) bis(2-Chloroethoxy)methane	7.53	93	338651	35.758	ng	98
29) 2,4-Dichlorophenol	7.65	162	215850	36.377	ng	97
30) 1,2,4-Trichlorobenzene	7.72	180	196065	34.666	ng	96
31) Naphthalene	7.79	128	717436	35.010	ng	100
32) Benzoic acid	7.60	122	172190	33.479	ng	95
33) 4-Chloroaniline	7.85	127	163567	19.616	ng	97
34) Hexachlorobutadiene	7.92	225	98392	32.814	ng	99
35) Caprolactam	8.22	113	66990m	35.208	ng	
36) 4-Chloro-3-methylphenol	8.36	107	208788	32.252	ng	89
37) 2-Methylnaphthalene	8.49	142	470348	36.251	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.65	216	161334	32.196	ng	99
40) Hexachlorocyclopentadiene	8.64	237	94519	56.088	ng	99

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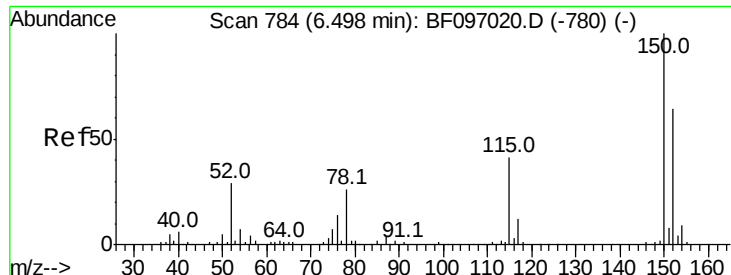
Manual Integrations
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Quant Time: Jul 28 23:00:19 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.77	196	121274	33.396	nq	99
43) 2,4,5-Trichlorophenol	8.82	196	126608	34.833	nq	94
45) 1,1'-Biphenyl	8.95	154	519529	32.388	nq	98
46) 2-Chloronaphthalene	8.97	162	402752	34.119	nq	93
47) 2-Nitroaniline	9.07	65	144701	33.778	nq	92
48) Acenaphthylene	9.38	152	647273	35.724	nq	99
49) Dimethylphthalate	9.26	163	485852	34.068	nq	100
50) 2,6-Dinitrotoluene	9.32	165	105557	34.898	nq #	74
51) Acenaphthene	9.55	154	369290	34.602	nq	98
52) 3-Nitroaniline	9.48	138	89568	23.857	nq	99
53) 2,4-Dinitrophenol	9.60	184	95850	69.695	nq #	76
54) Dibenzofuran	9.72	168	542012	38.128	nq	97
55) 4-Nitrophenol	9.67	139	144961	64.926	nq #	57
56) 2,4-Dinitrotoluene	9.73	165	129679	37.294	nq #	74
57) Fluorene	10.06	166	425756	39.849	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.85	232	93454	37.238	nq #	97
59) Diethylphthalate	9.96	149	476519	36.421	nq	99
60) 4-Chlorophenyl-phenylether	10.06	204	179602	40.708	nq	99
61) 4-Nitroaniline	10.10	138	131337	36.816	nq	92
62) Azobenzene	10.22	77	449577	37.040	nq	91
64) 4,6-Dinitro-2-methylphenol	10.14	198	70916	36.150	nq	81
65) n-Nitrosodiphenylamine	10.18	169	391369	35.630	nq	97
66) 4-Bromophenyl-phenylether	10.55	248	111463	35.379	nq	98
67) Hexachlorobenzene	10.62	284	117299	33.201	nq #	93
68) Atrazine	10.72	200	111107	35.275	nq	94
69) Pentachlorophenol	10.82	266	106693	72.987	nq	98
70) Phenanthrene	11.02	178	622862	36.823	nq	99
71) Anthracene	11.07	178	647154	37.354	nq	98
72) Carbazole	11.23	167	617067	36.216	nq	100
73) Di-n-butylphthalate	11.57	149	785200	37.281	nq	99
74) Fluoranthene	12.20	202	628395	37.922	nq	99
76) Benzidine	12.32	184	89870	11.074	nq #	94
77) Pyrene	12.42	202	633368	35.373	nq	99
79) Butylbenzylphthalate	13.05	149	353695	38.833	nq #	77
80) Benzo(a)anthracene	13.60	228	510968	36.106	nq	98
81) 3,3'-Dichlorobenzidine	13.57	252	146701	27.489	nq #	95
82) Chrysene	13.64	228	491577	35.573	nq	99
83) Bis(2-ethylhexyl)phthalate	13.62	149	435756	36.643	nq	99
84) Di-n-octyl phthalate	14.23	149	689571	31.598	nq #	91
85) Indeno(1,2,3-cd)pyrene	16.19	276	362911	30.627	nq	98
87) Benzo(b)fluoranthene	14.60	252	361064	38.598	nq	97
88) Benzo(k)fluoranthene	14.63	252	351724	39.458	nq	97
89) Benzo(a)pyrene	14.91	252	322641	37.686	nq	98
90) Dibenzo(a,h)anthracene	16.20	278	298731	42.550	nq	98
91) Benzo(g,h,i)perylene	16.55	276	325828	44.256	nq	99

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



#1

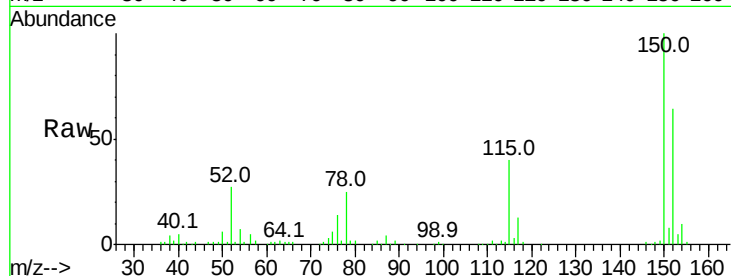
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Instrument :
BNA_F
ClientSampleId :
PB101003BS

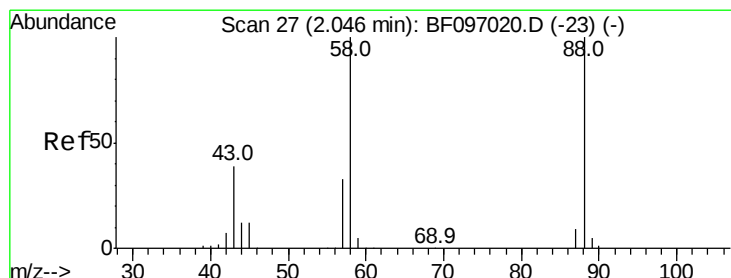
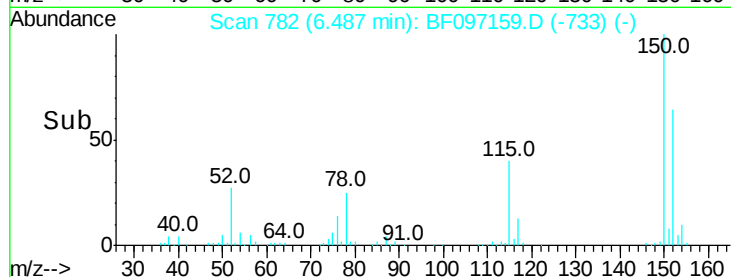
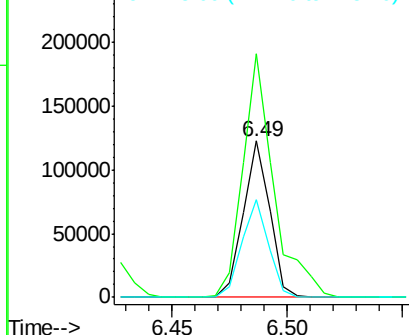
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	126.2	189.2
115	62.6	52.2	78.2

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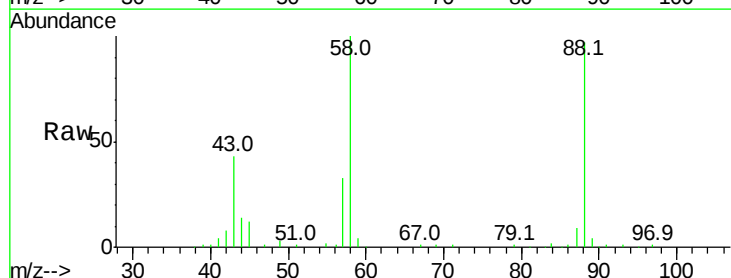
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



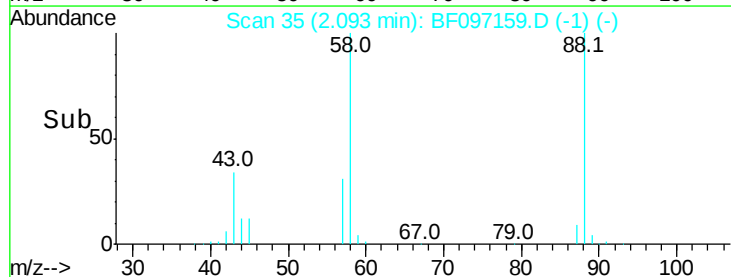
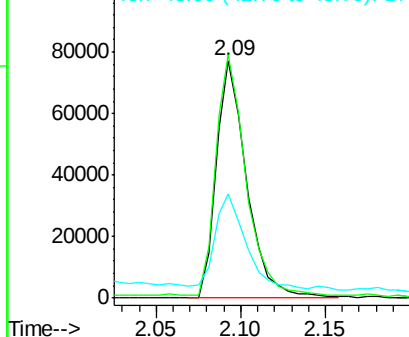
#2

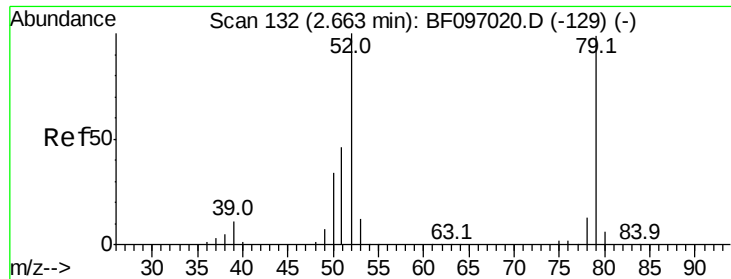
1,4-Dioxane
Concen: 35.564 ng
RT: 2.09 min Scan# 35
Delta R.T. 0.05 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.0	61.4	92.0#
43	42.0	23.4	35.0#



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





#3

Pvridine

Concen: 32.709 ng

RT: 2.72 min Scan# 141

Delta R.T. 0.05 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

Instrument :

BNA_F

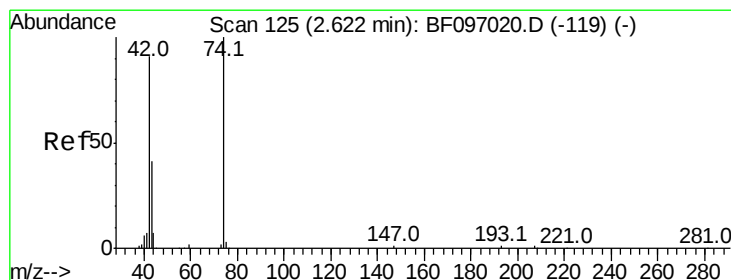
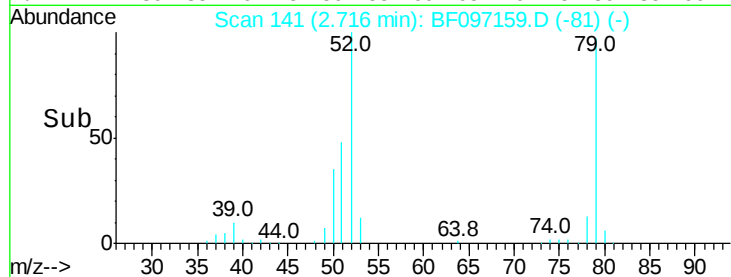
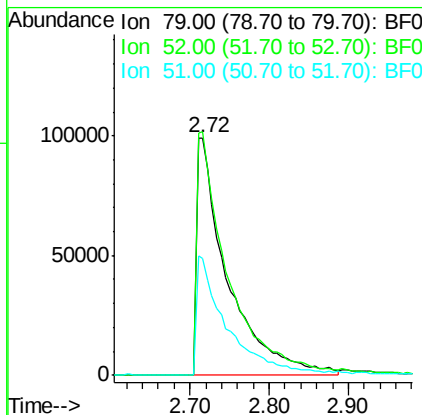
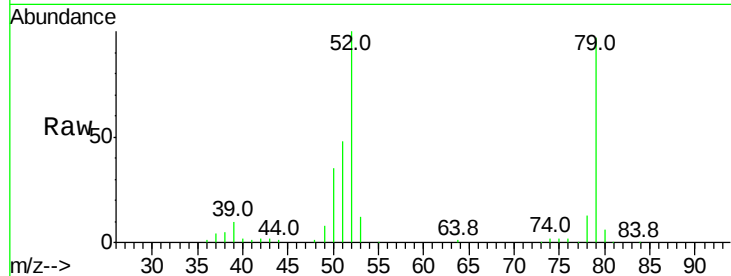
ClientSampleId :

PB101003BS

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	102.6	54.8	82.2#	
51	49.2	27.0	40.4#	

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#4

n-Nitrosodimethylamine

Concen: 34.450 ng

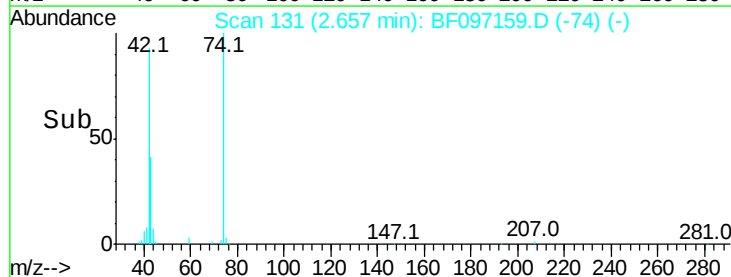
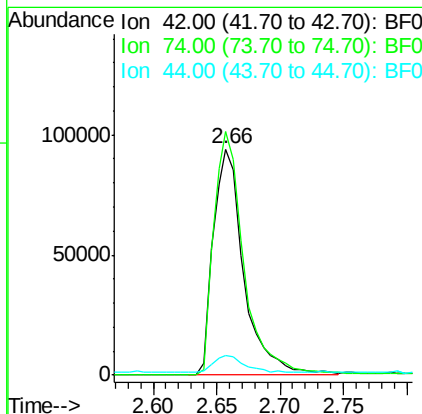
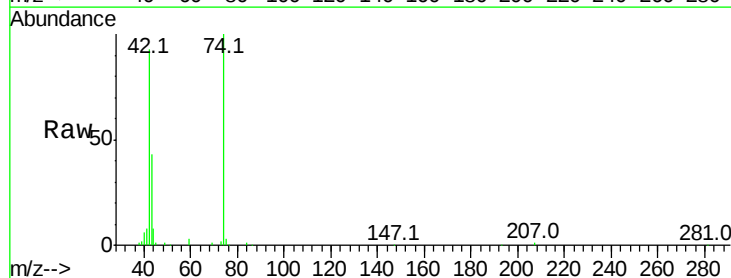
RT: 2.66 min Scan# 131

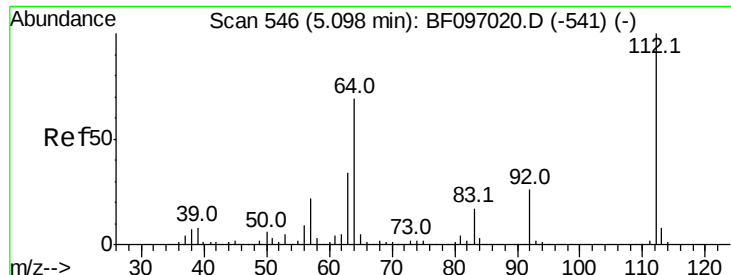
Delta R.T. 0.04 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	107.7	103.9	155.9	
44	8.5	5.7	8.5#	





#5

2-Fluorophenol

Concen: 104.956 ng

RT: 5.10 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

Instrument :

BNA_F

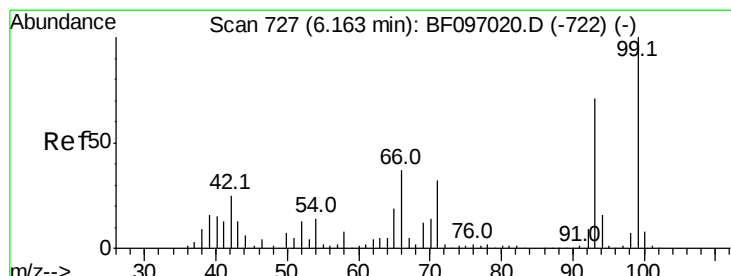
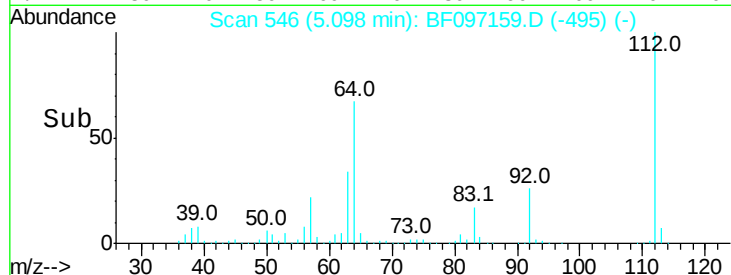
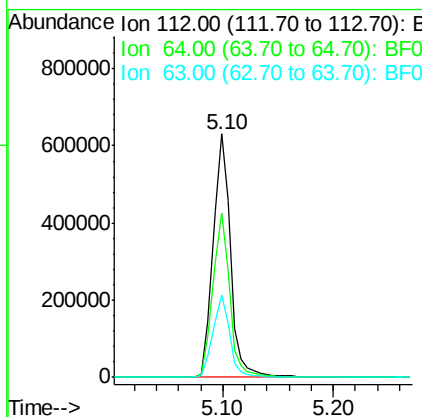
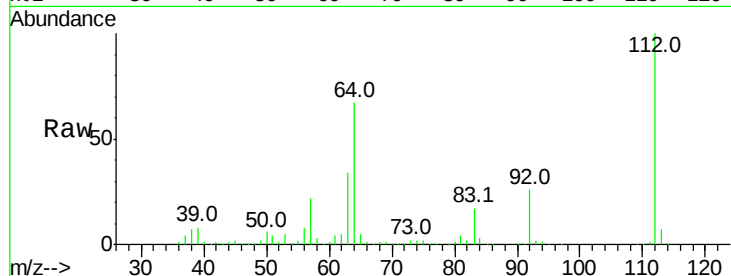
ClientSampleId :

PB101003BS

Tot Ion:	112	Resp:	684055
Ion Ratio	Lower	Upper	
112	100		
64	67.3	46.0	69.0
63	33.6	23.4	35.0

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#6

Aniline

Concen: 21.330 ng

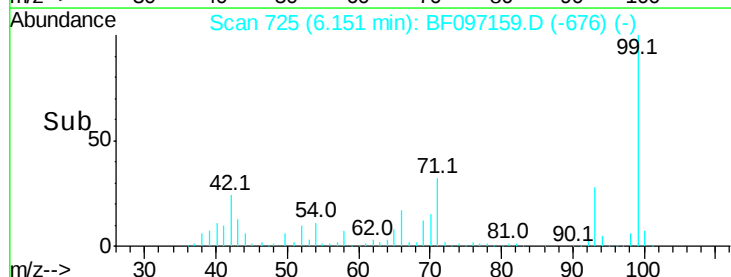
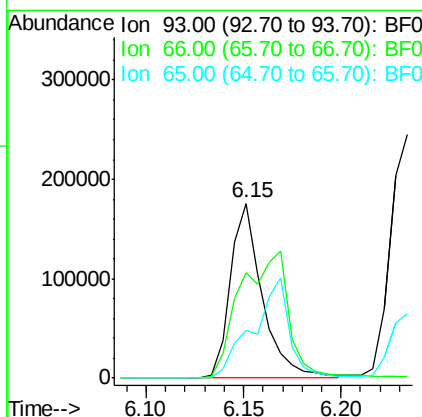
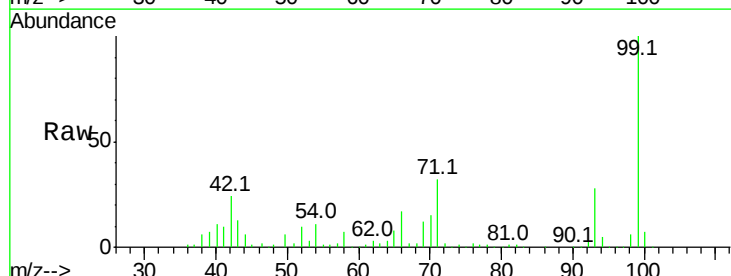
RT: 6.15 min Scan# 725

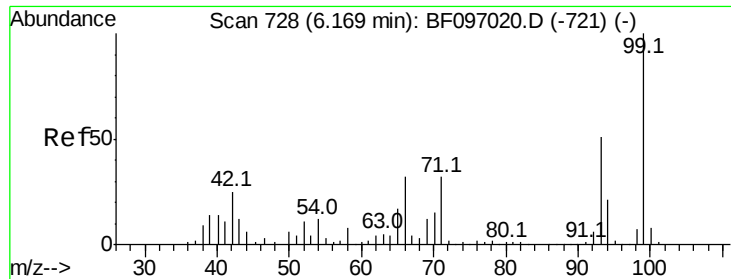
Delta R.T. -0.01 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

Tgt Ion:	93	Resp:	199715
Ion Ratio	Lower	Upper	
93	100		
66	60.5	32.9	49.3#
65	27.3	16.0	24.0#





#7

Phenol-d6

Concen: 109.082 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

Instrument :

BNA_F

ClientSampleId :

PB101003BS

Tot Ion: 99 Resp: 811627

Ion Ratio Lower Upper

99 100

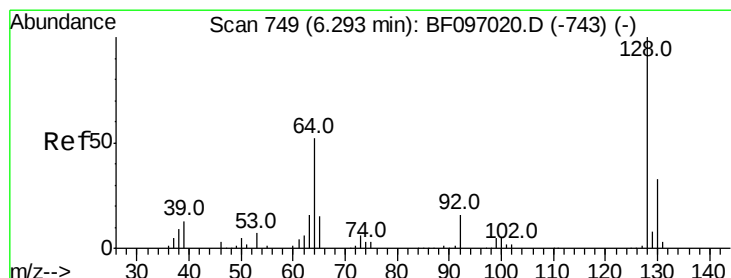
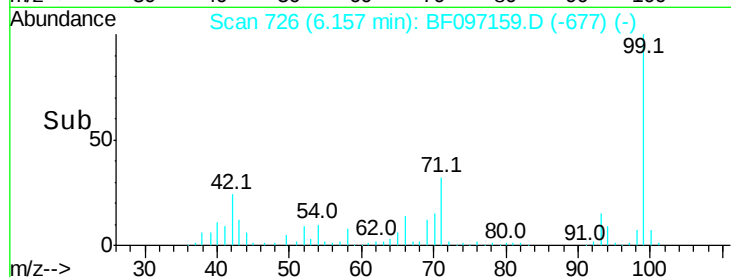
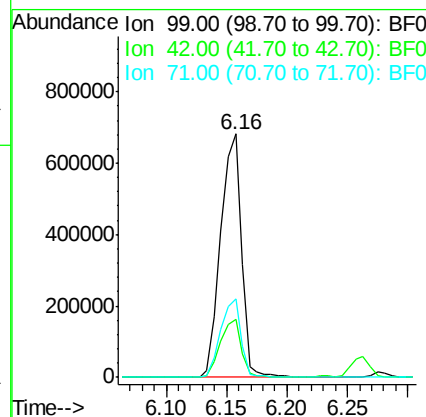
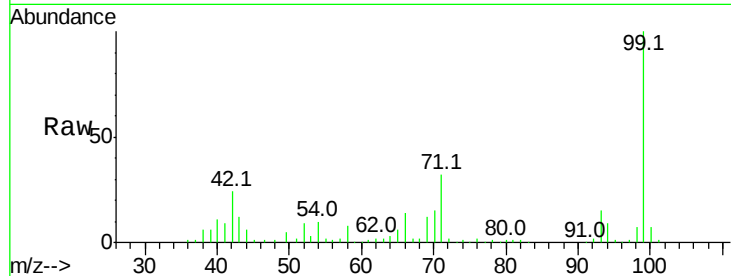
42 24.0 13.5 20.3#

71 32.0 24.5 36.7

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#8

2-Chlorophenol

Concen: 35.508 ng

RT: 6.28 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

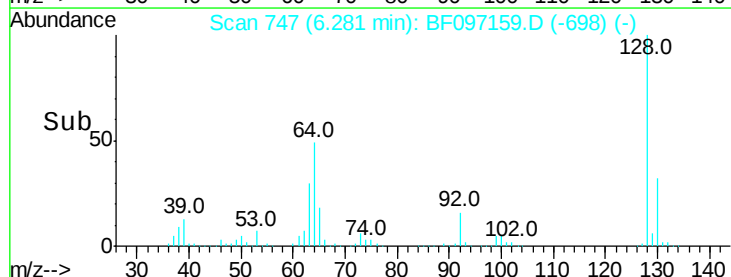
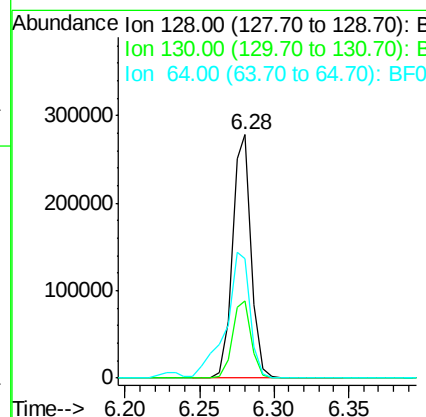
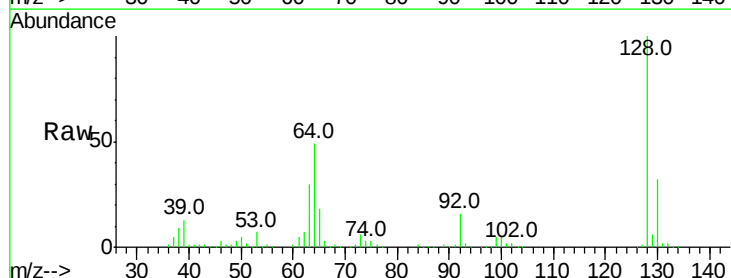
Tgt Ion: 128 Resp: 247458

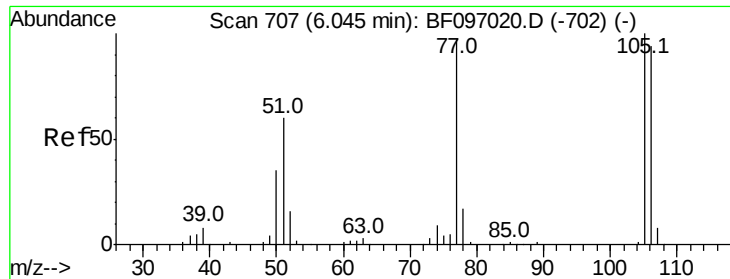
Ion Ratio Lower Upper

128 100

130 32.0 12.9 52.9

64 49.2 28.4 68.4





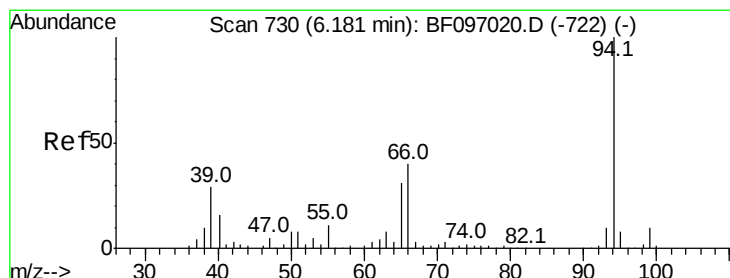
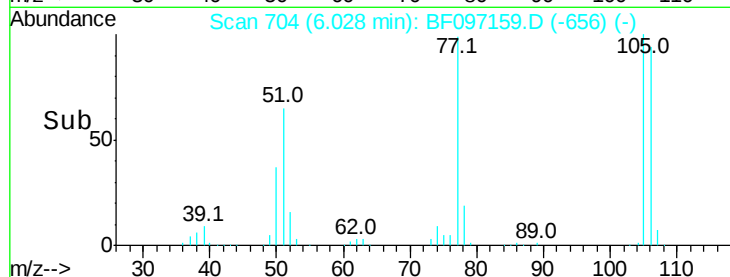
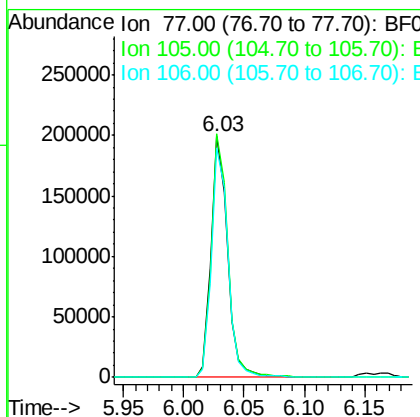
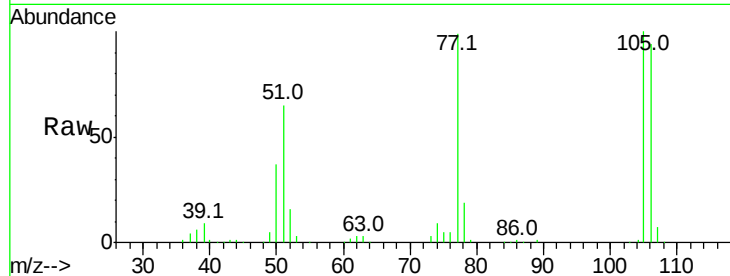
#9
Benzaldehyde
Concen: 42.599 ng
RT: 6.03 min Scan# 704
Delta R.T. -0.02 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Instrument :
BNA_F
ClientSampleID :
PB101003BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.1	83.8	123.8
106	95.3	79.1	119.1

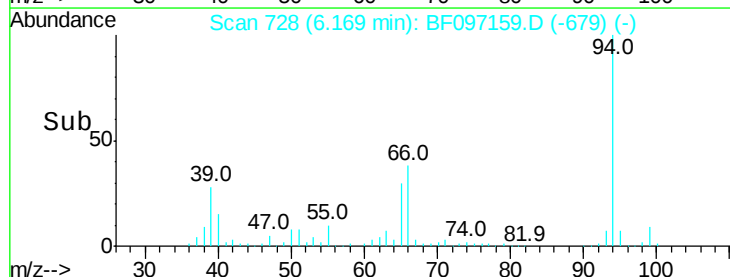
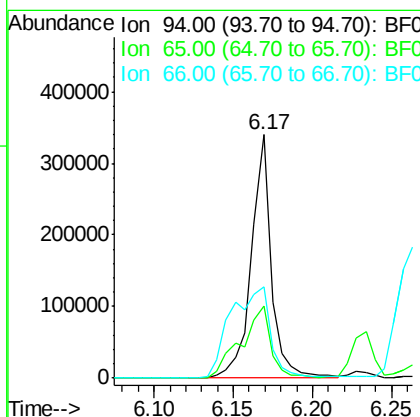
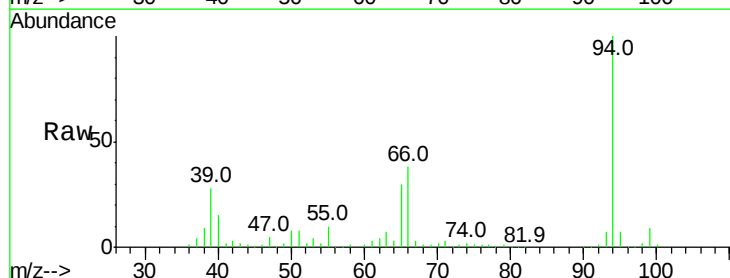
Manual Integrations
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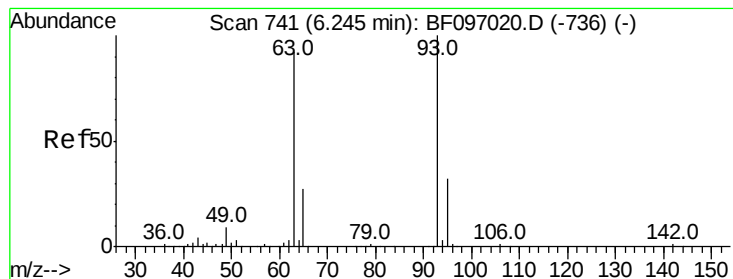
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#10
Phenol
Concen: 33.743 ng
RT: 6.17 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.8	9.9	49.9
66	37.5	23.1	63.1





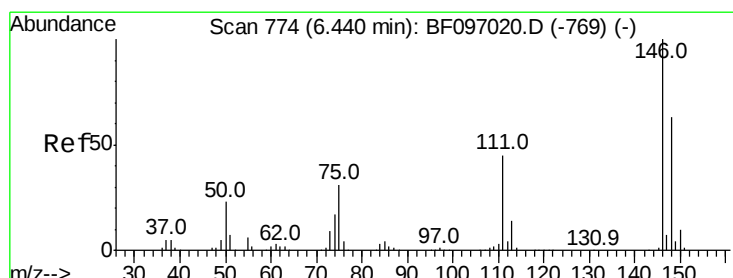
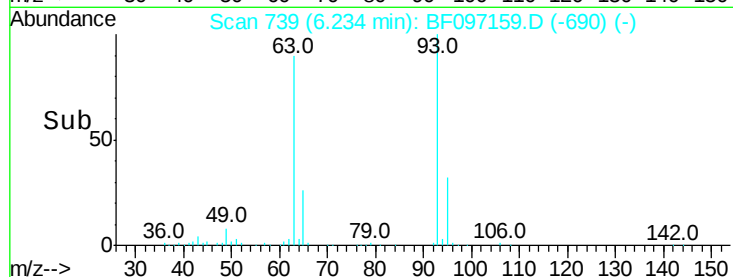
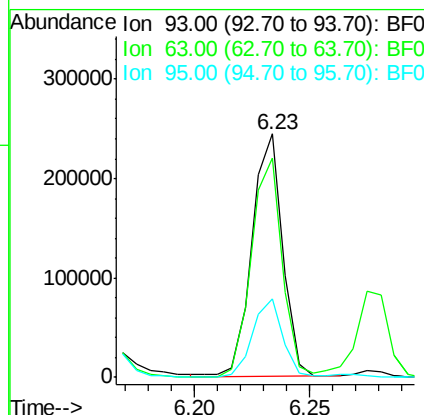
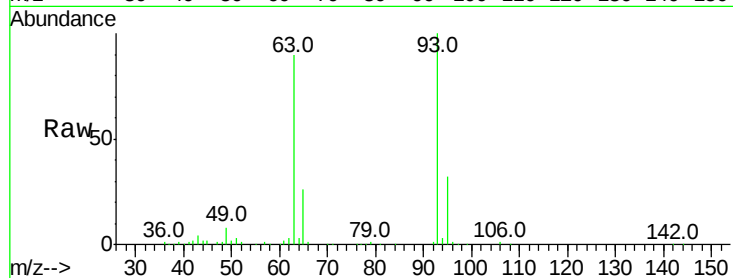
#11
bis(2-Chloroethyl)ether
Concen: 32.396 ng
RT: 6.23 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Instrument :
BNA_F
ClientSampleId :
PB101003BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.8	59.2	99.2
95	32.2	12.8	52.8

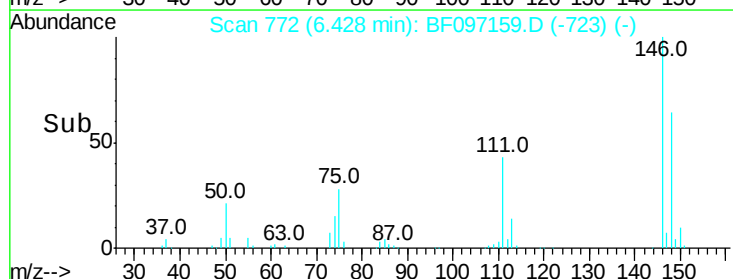
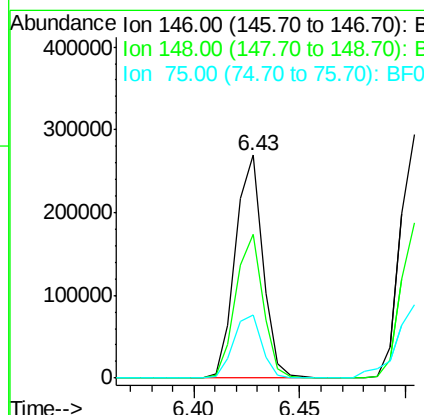
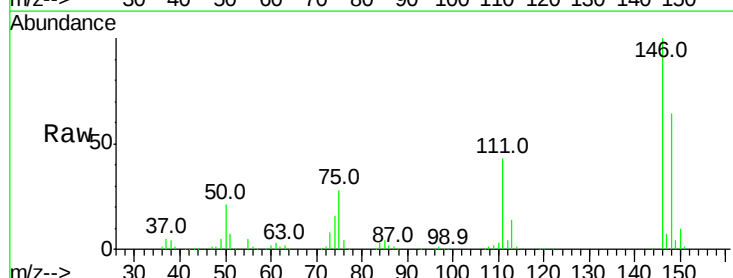
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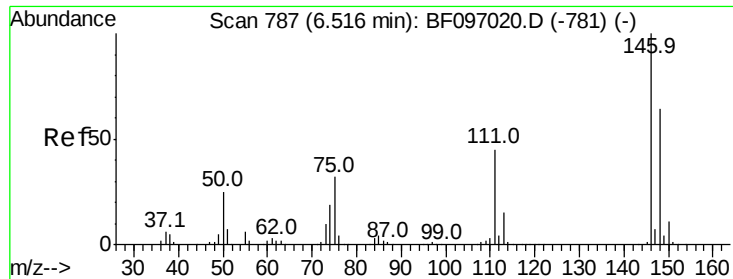
Sohil
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#12
1,3-Dichlorobenzene
Concen: 31.999 ng
RT: 6.43 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.8	77.6
75	28.4	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 34.071 ng

RT: 6.50 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

Instrument :

BNA_F

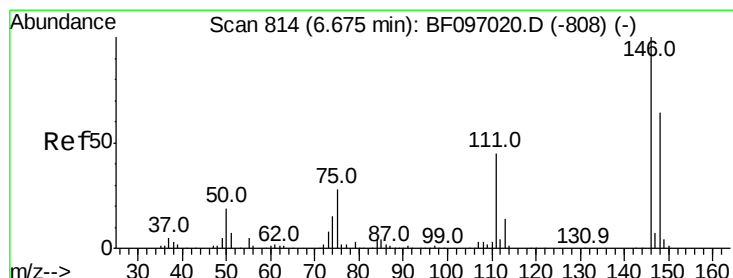
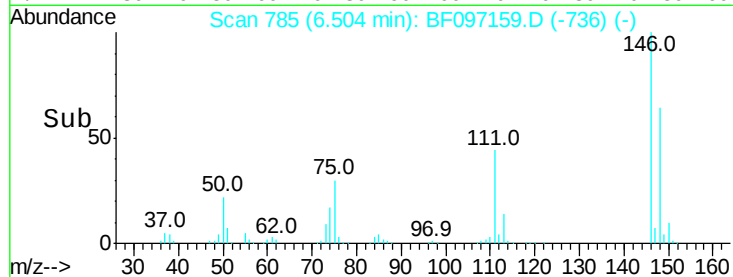
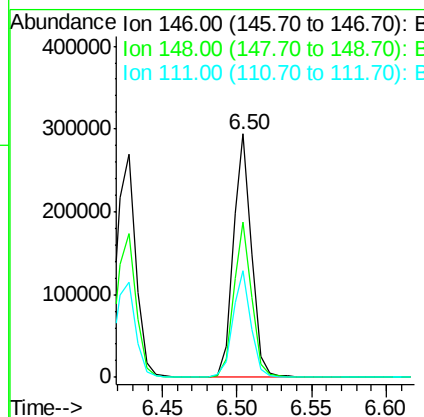
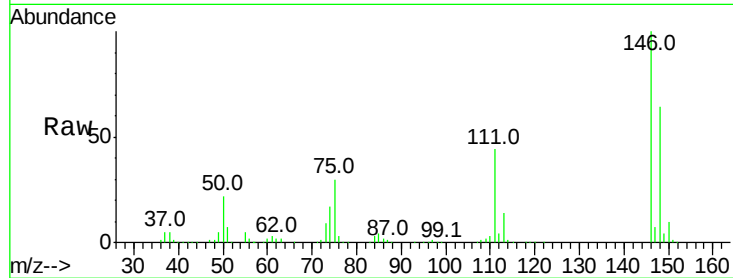
ClientSampleId :

PB101003BS

Tot Ion:	146	Resp:	253585
Ion Ratio	Lower	Upper	
146	100		
148	63.9	52.2	78.2
111	44.0	30.3	45.5

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#14

1,2-Dichlorobenzene

Concen: 34.640 ng

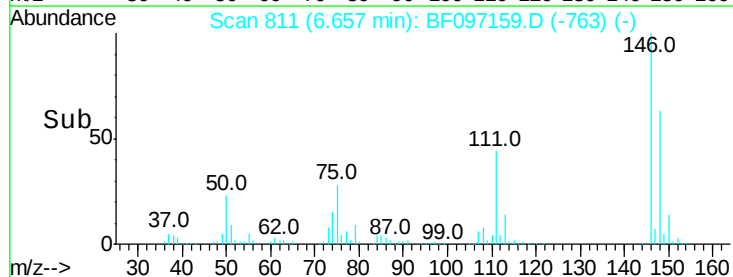
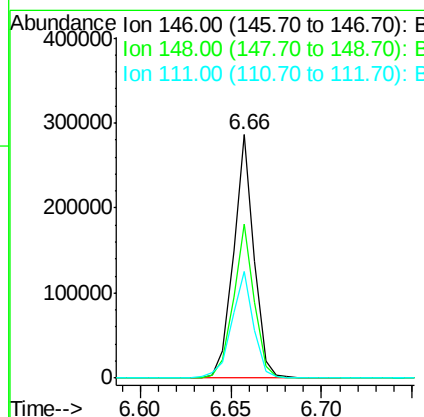
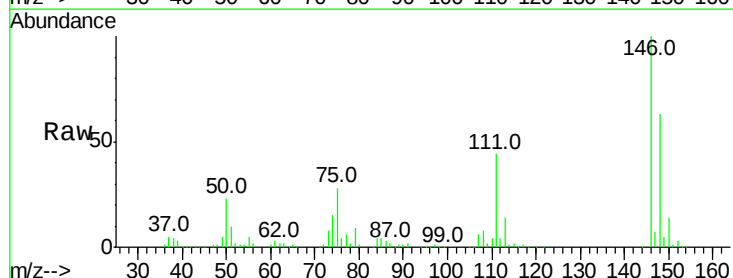
RT: 6.66 min Scan# 811

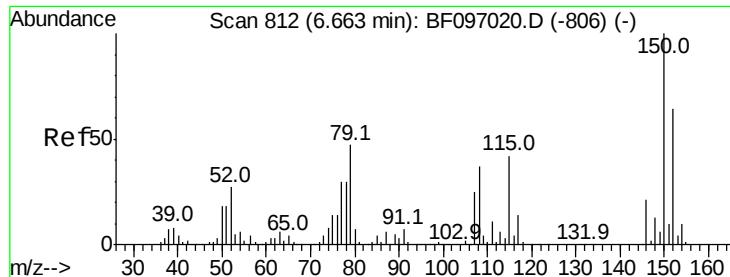
Delta R.T. -0.02 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

Tgt Ion:	146	Resp:	225114
Ion Ratio	Lower	Upper	
146	100		
148	63.5	50.4	75.6
111	44.1	38.2	57.4





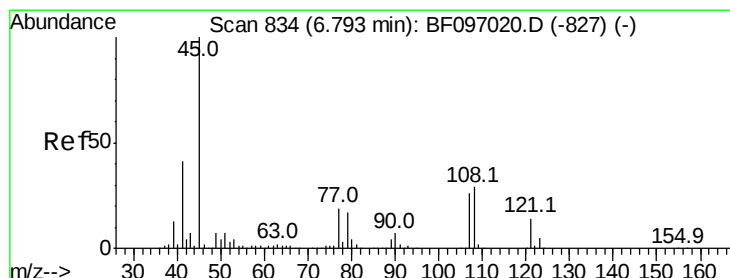
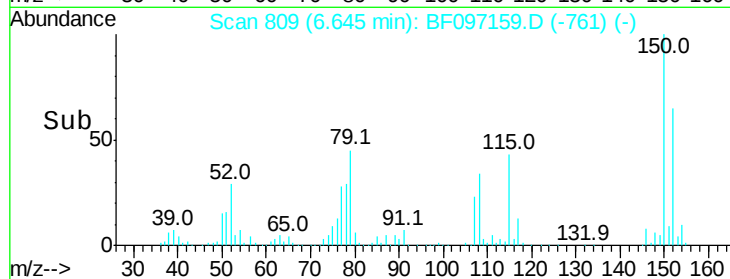
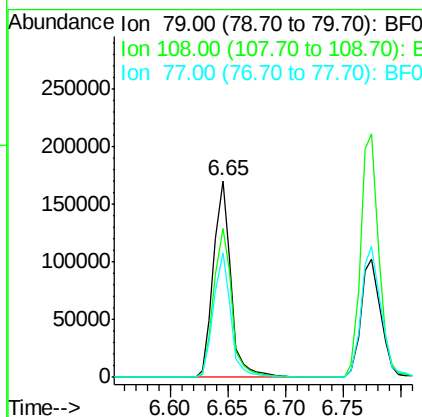
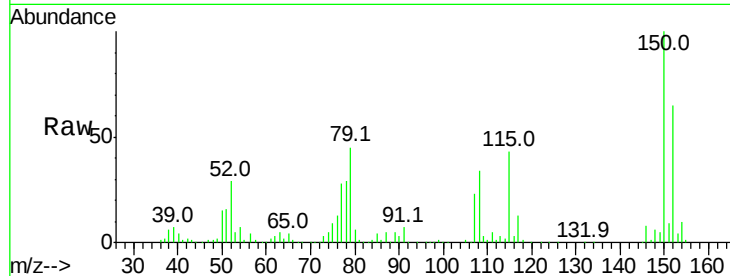
#15
Benzyl Alcohol
Concen: 38.292 ng
RT: 6.65 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Instrument :
BNA_F
ClientSampled :
PB101003BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.5	63.4	95.0
77	63.3	49.2	73.8

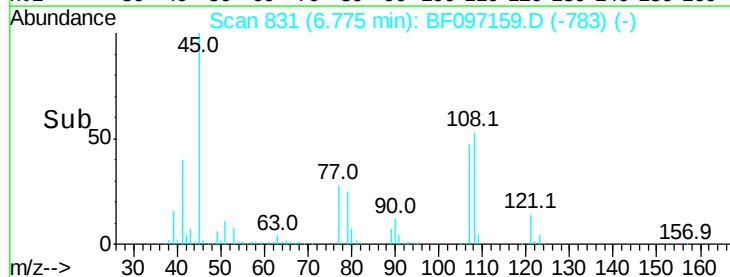
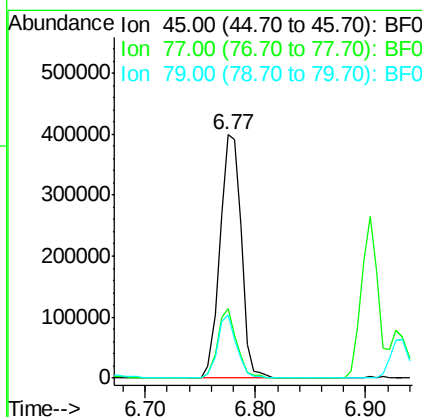
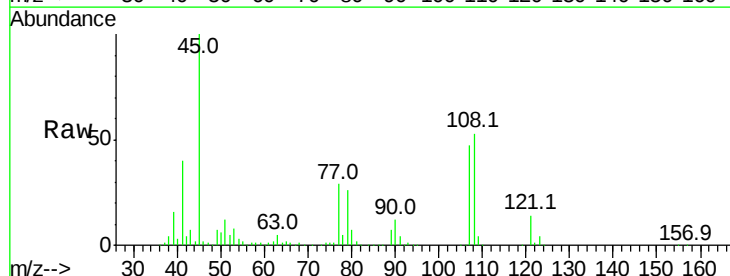
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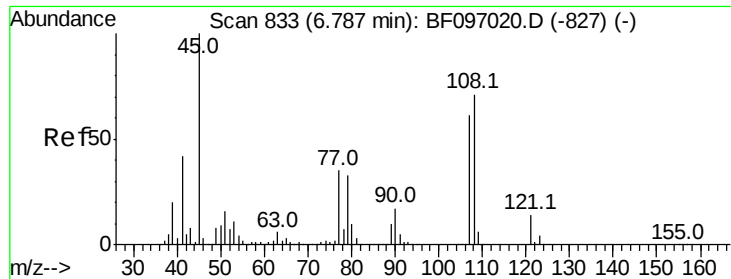
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.294 ng
RT: 6.77 min Scan# 831
Delta R.T. -0.02 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Tgt Ion	Ratio	Lower	Upper
45	100		
77	28.6	0.0	33.2
79	25.7	0.0	30.0





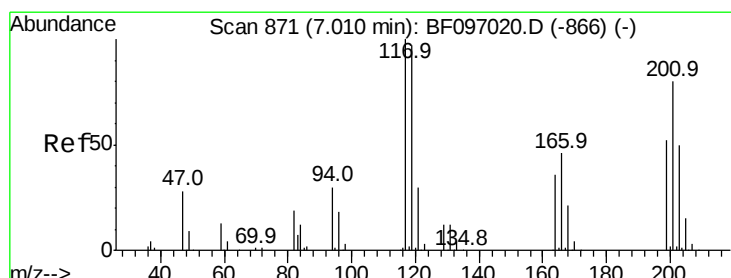
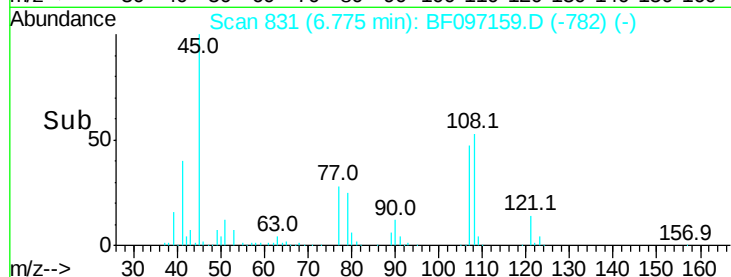
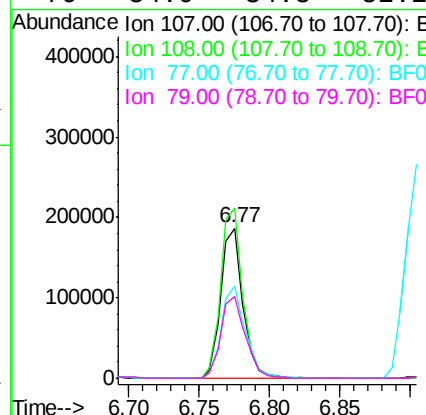
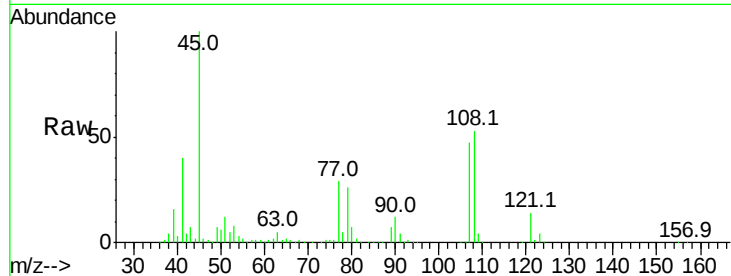
#17
2-Methylphenol
Concen: 38.188 ng
RT: 6.77 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Instrument :
BNA_F
ClientSampleId :
PB101003BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.0	93.4	140.0	
77	61.0	35.8	53.6#	
79	54.9	34.8	52.2#	

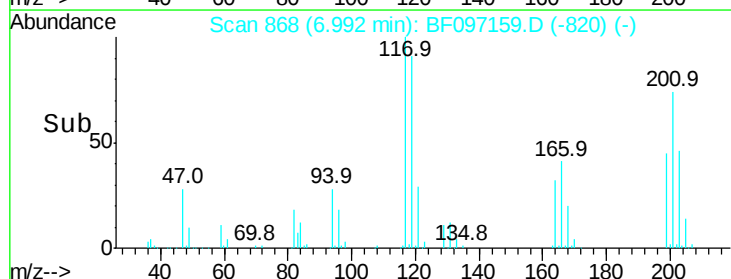
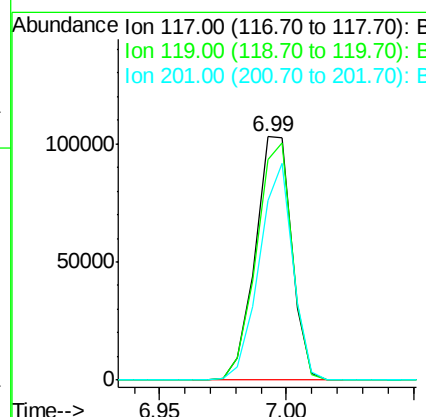
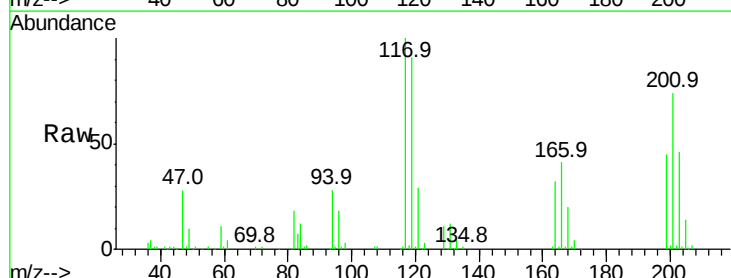
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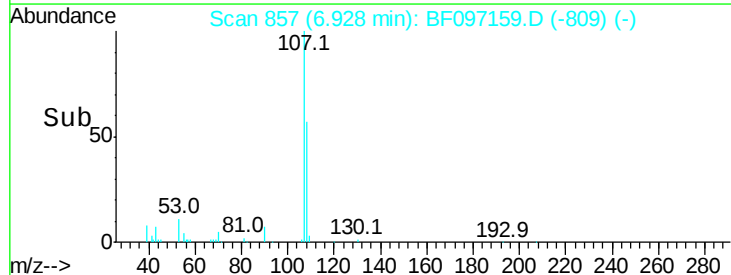
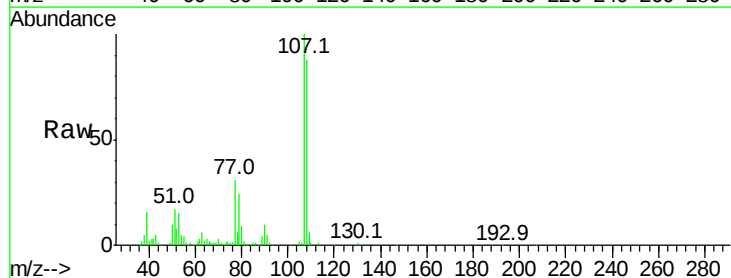
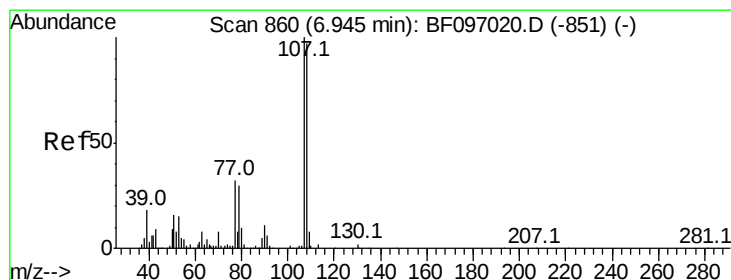
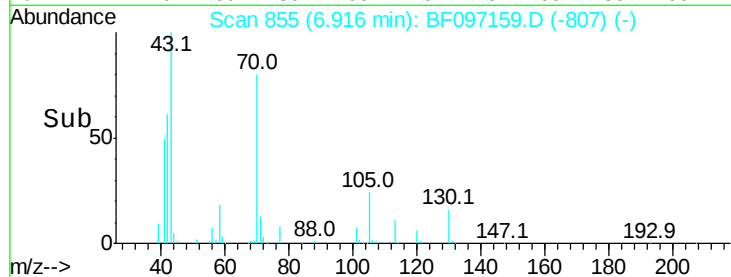
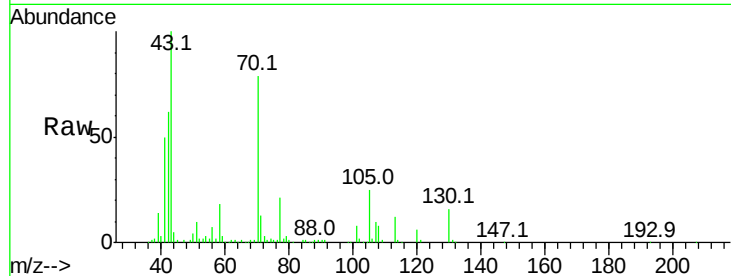
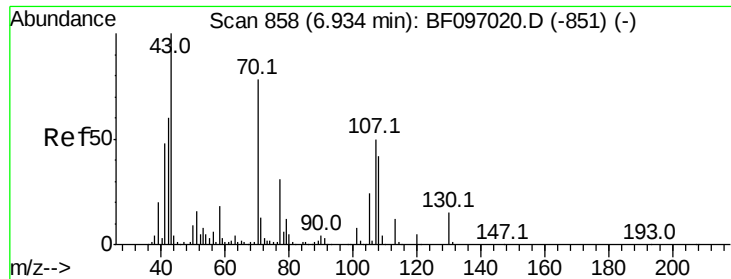
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#18
Hexachloroethane
Concen: 38.017 ng
RT: 6.99 min Scan# 868
Delta R.T. -0.02 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	90.6	77.4	116.0	
201	73.6	94.6	141.8#	





#19

n-Nitroso-di-n-propylamine

Concen: 39.634 ng

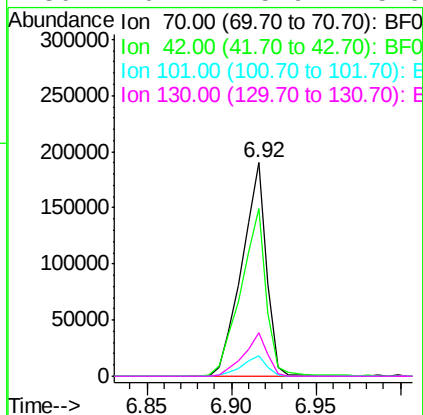
RT: 6.92 min Scan# 855

Delta R.T. -0.02 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

Tot Ion	Ratio	Lower	Upper
70	100		
42	78.5	47.2	70.8#
101	9.7	7.2	10.8
130	20.2	15.9	23.9



Instrument :

BNA_F

ClientSampleId :

PB101003BS

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#20

3+4-Methylphenols

Concen: 42.391 ng

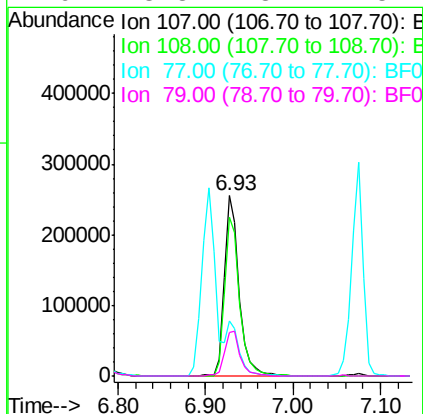
RT: 6.93 min Scan# 857

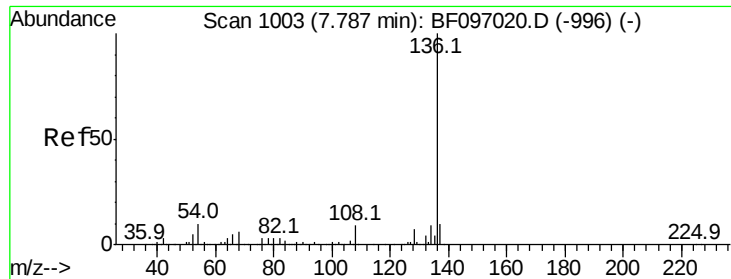
Delta R.T. -0.02 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.9	71.0	111.0
77	30.6	90.5	130.5#
79	23.8	8.4	48.4





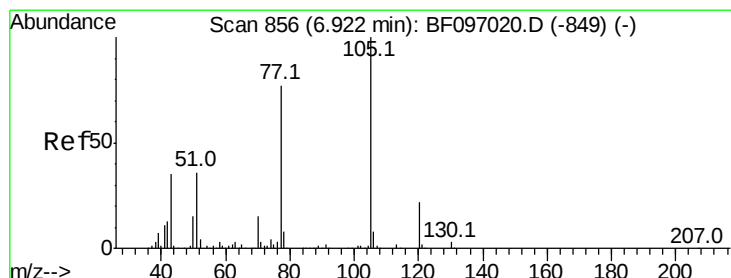
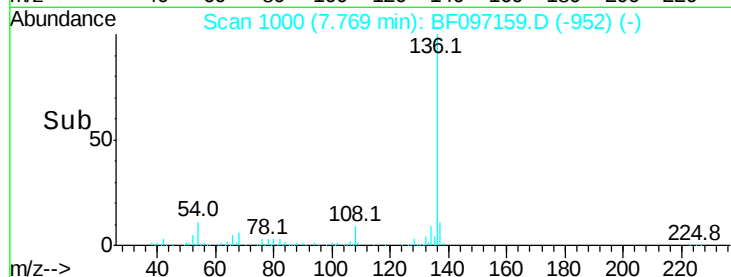
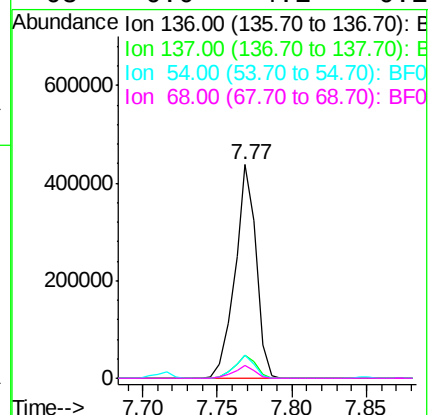
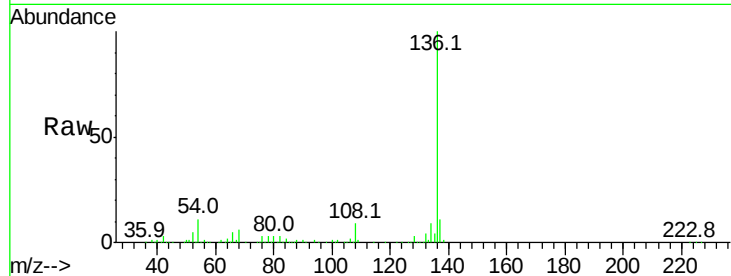
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.77 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Instrument :
BNA_F
ClientSampleId :
PB101003BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.5	12.7	
54	11.1	4.9	7.3	
68	6.0	4.1	6.1	

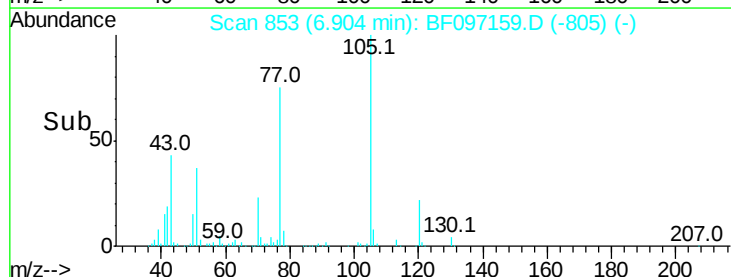
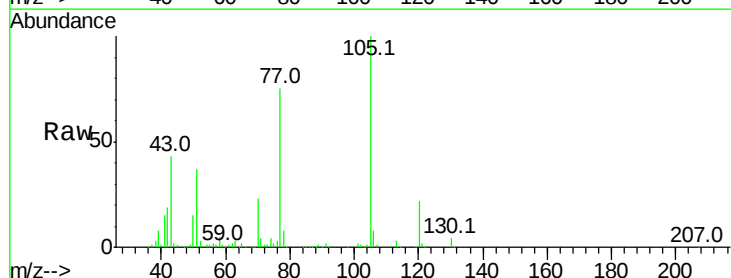
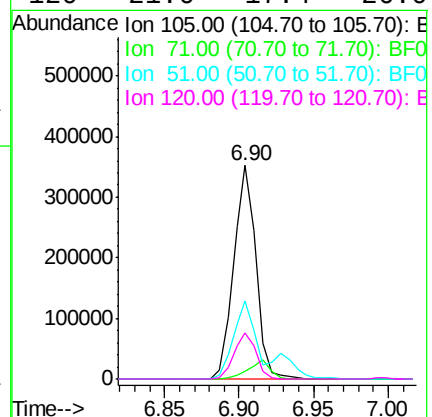
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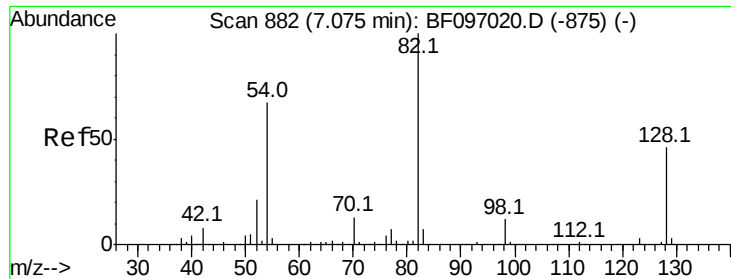
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#22
Acetophenone
Concen: 35.446 ng
RT: 6.90 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.7	2.8	4.2	
51	36.7	30.7	46.1	
120	21.6	17.4	26.0	





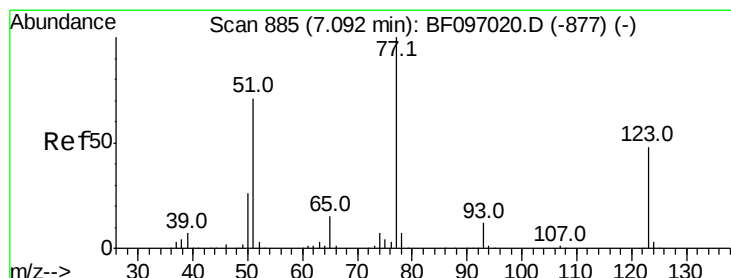
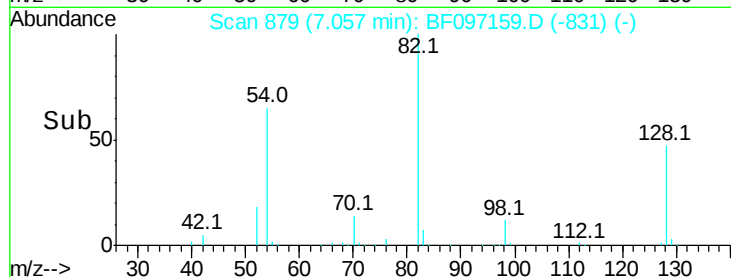
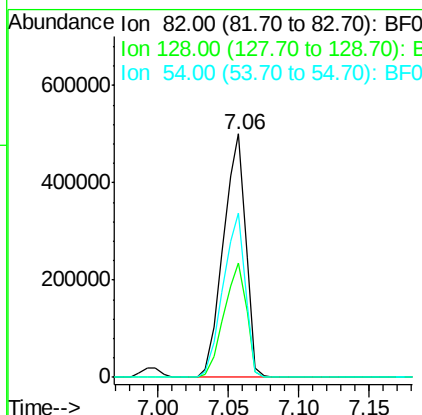
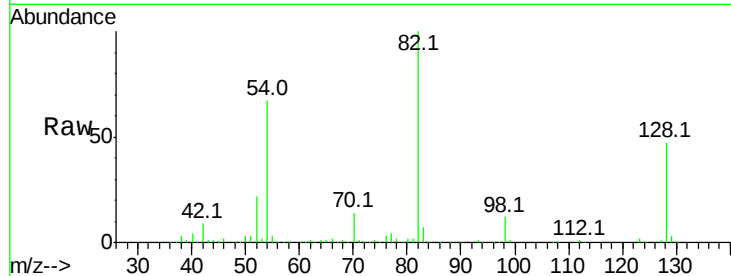
#23
Nitrobenzene-d5
Concen: 74.430 ng
RT: 7.06 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Instrument :
BNA_F
ClientSampleId :
PB101003BS

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	46.8	34.0	51.0
54	67.3	42.2	63.2#

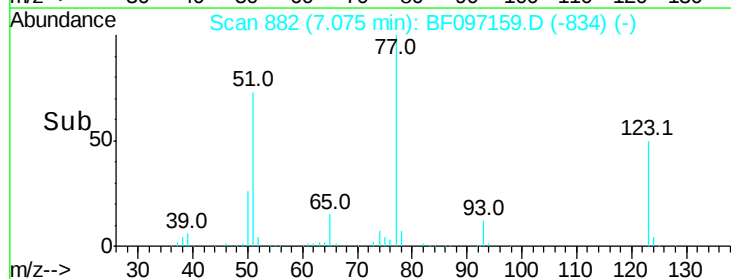
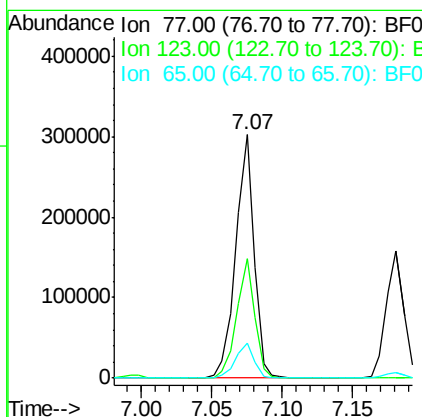
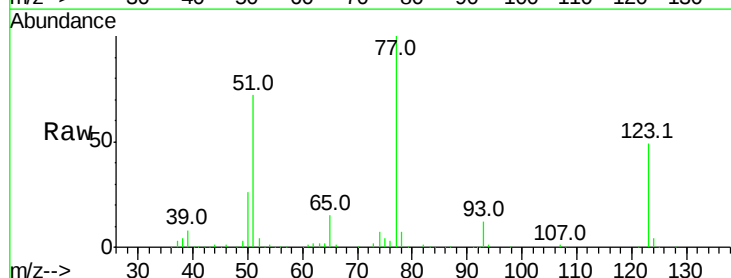
Manual Integrations
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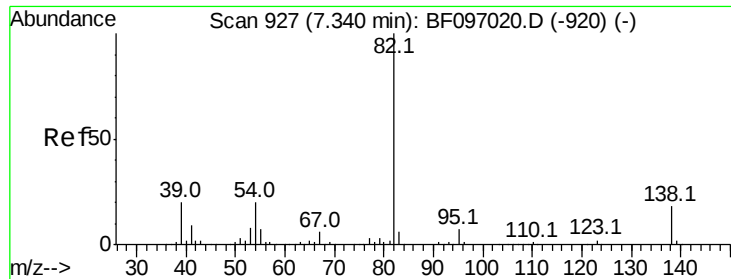
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#24
Nitrobenzene
Concen: 35.713 ng
RT: 7.07 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	49.3	35.8	53.8
65	14.6	10.6	15.8





#25

Isophorone

Concen: 34.224 ng

RT: 7.32 min Scan# 924

Delta R.T. -0.02 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

Instrument :

BNA_F

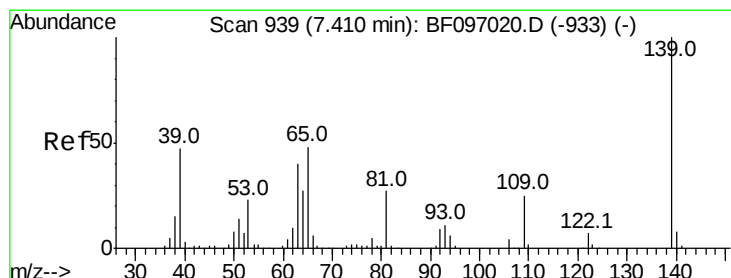
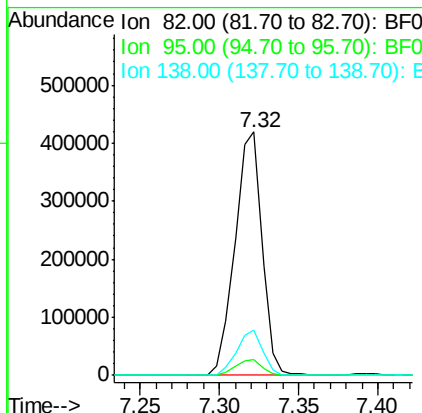
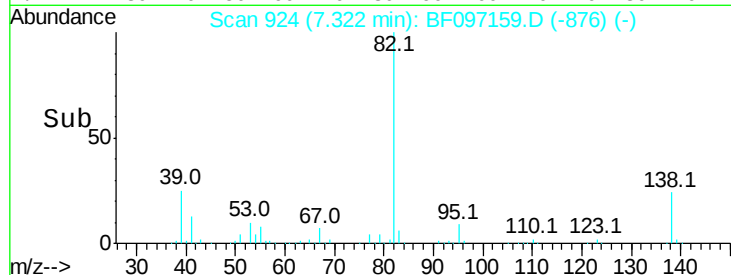
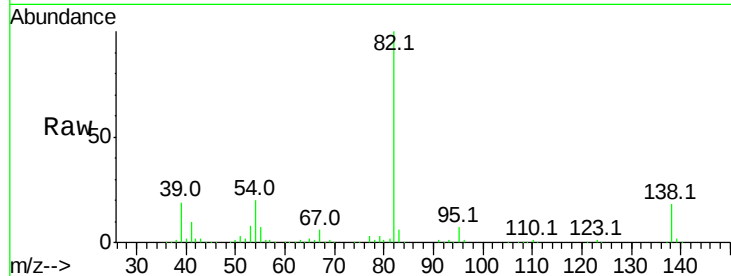
ClientSampleId :

PB101003BS

Tot Ion:	82	Resp:	496669
Ion Ratio		Lower	Upper
82	100		
95	6.6	5.3	7.9
138	18.3	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 35.493 ng

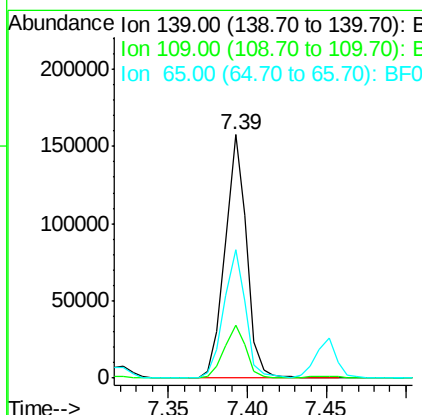
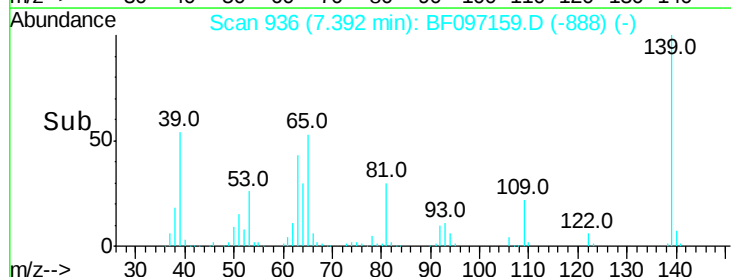
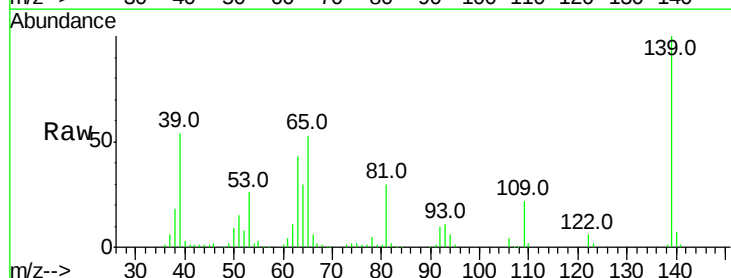
RT: 7.39 min Scan# 936

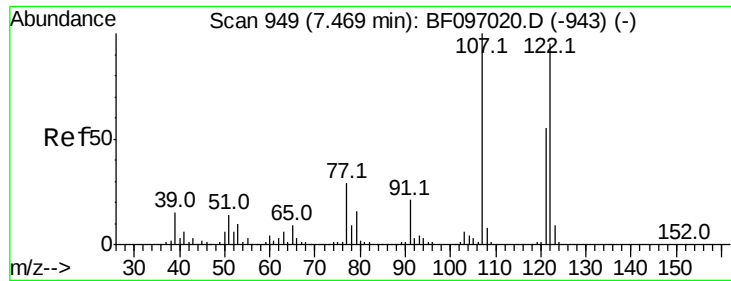
Delta R.T. -0.02 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

Tgt Ion:	139	Resp:	148199
Ion Ratio		Lower	Upper
139	100		
109	22.0	21.0	31.6
65	52.7	33.0	49.6#





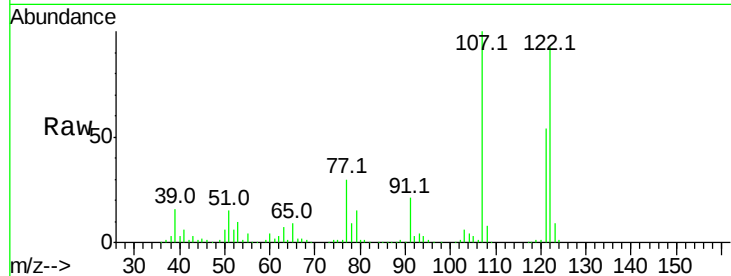
#27
2,4-Dimethylphenol
Concen: 35.063 ng
RT: 7.45 min Scan# 946
Delta R.T. -0.02 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Instrument :
BNA_F
ClientSampleId :
PB101003BS

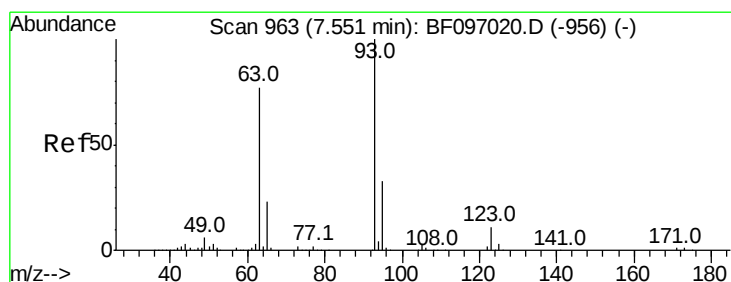
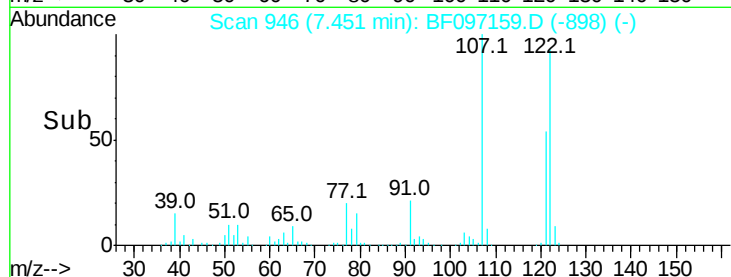
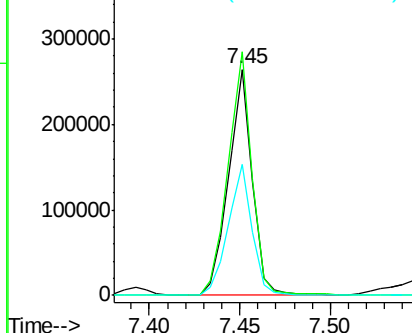
Tot Ion	Ratio	Lower	Upper
122	100		
107	107.6	89.2	133.8
121	57.9	45.2	67.8

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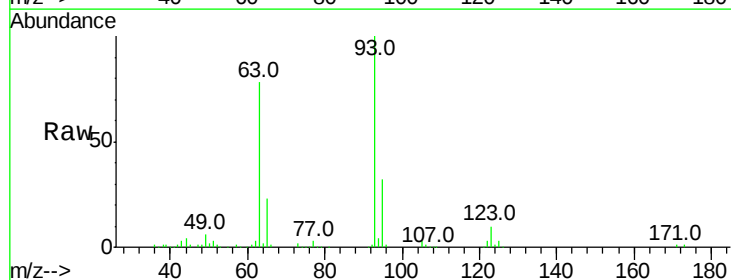


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

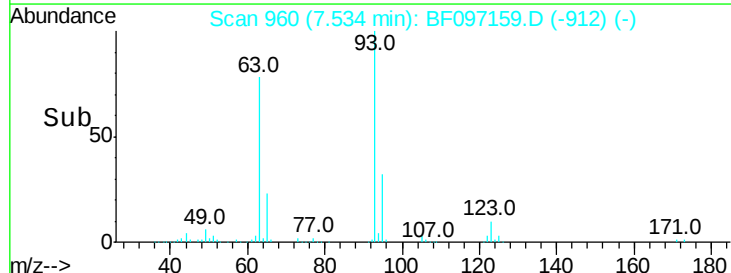
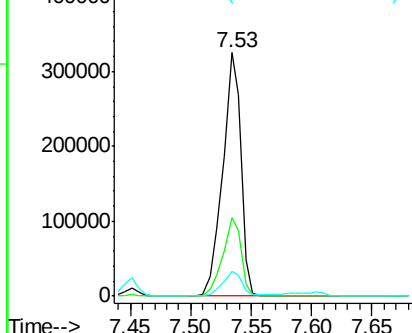


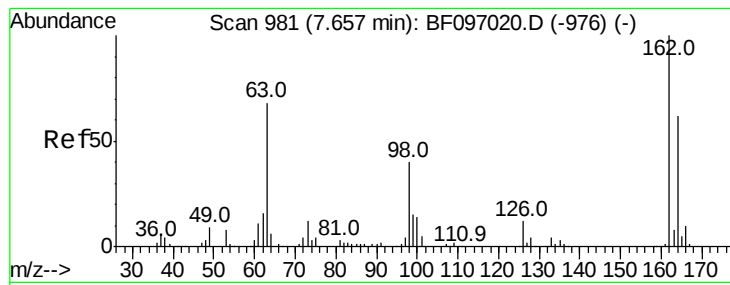
#28
bis(2-Chloroethoxy)methane
Concen: 35.758 ng
RT: 7.53 min Scan# 960
Delta R.T. -0.02 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.5	39.7
123	10.4	9.0	13.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 36.377 ng

RT: 7.65 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

Instrument :

BNA_F

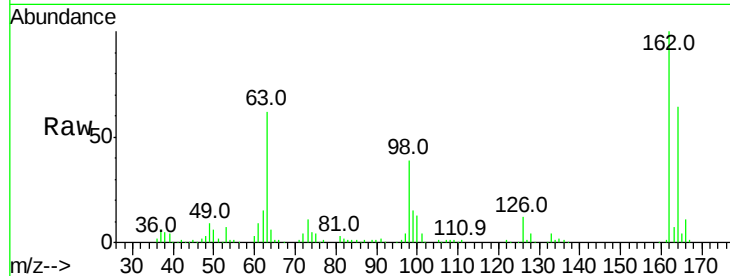
ClientSampleId :

PB101003BS

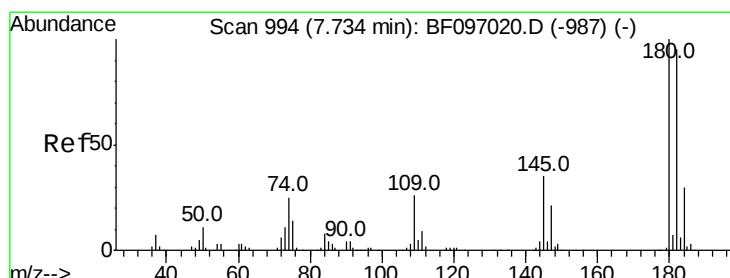
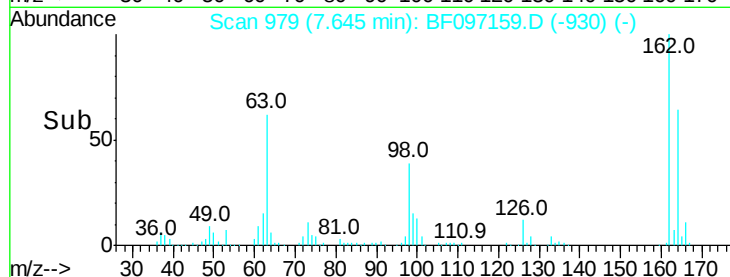
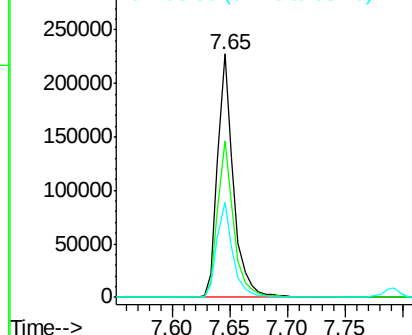
Tot Ion	Ratio	Resp	Lower	Upper
162	100	215850		
164	64.5	44.6	84.6	
98	38.9	14.8	54.8	

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 34.666 ng

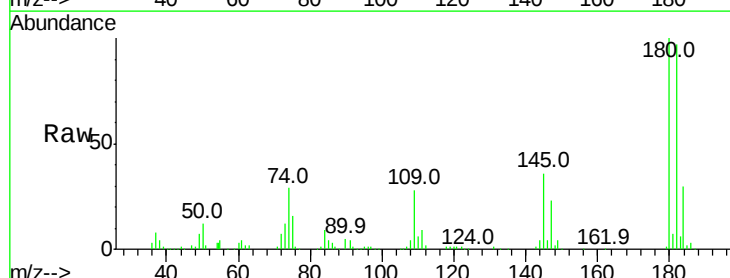
RT: 7.72 min Scan# 991

Delta R.T. -0.02 min

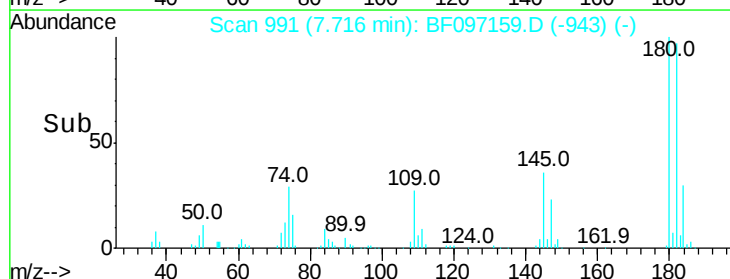
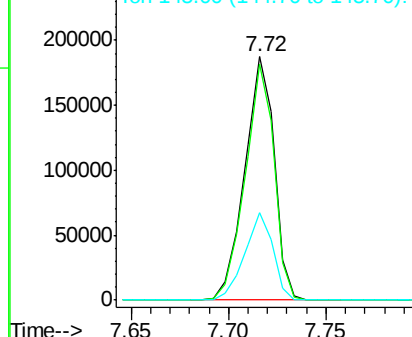
Lab File: BF097159.D

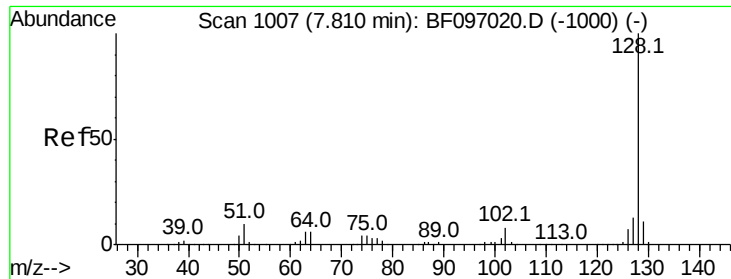
Acq: 28 Jul 2017 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	196065		
182	96.8	75.8	113.6	
145	35.8	25.3	37.9	



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





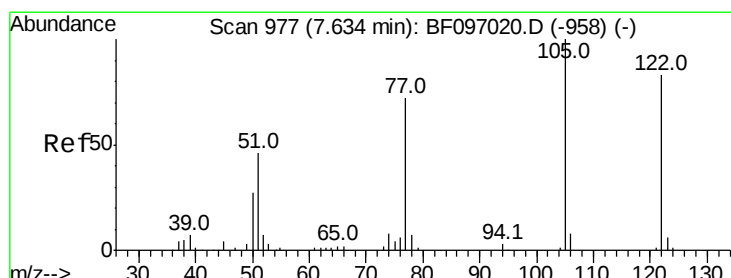
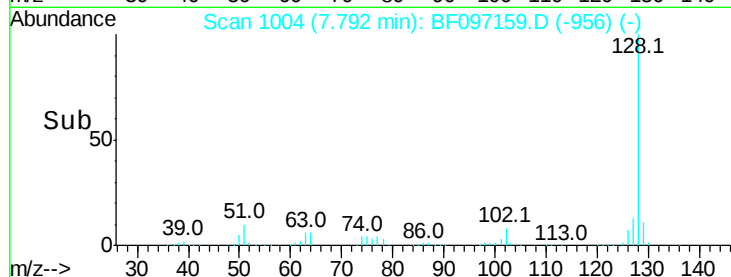
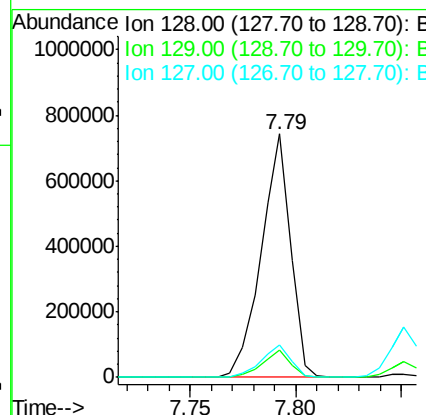
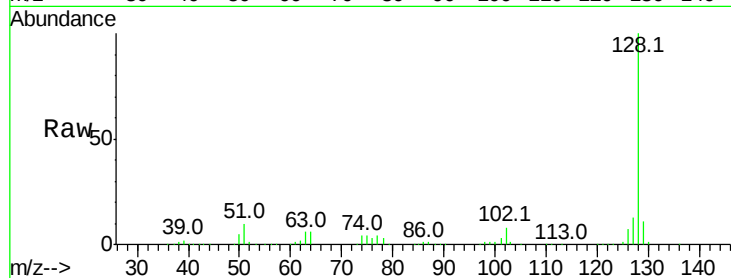
#31
Naphthalene
Concen: 35.010 ng
RT: 7.79 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Instrument :
BNA_F
ClientSampleId :
PB101003BS

Tot Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.2	9.0	13.6
127	13.4	10.8	16.2

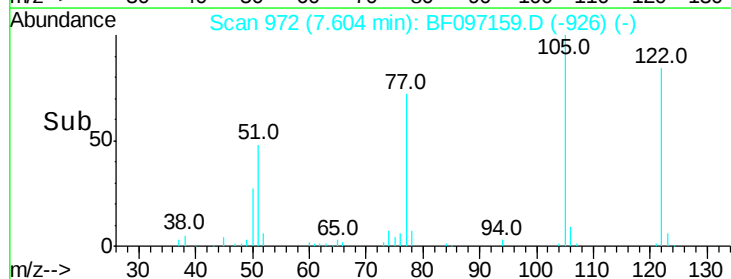
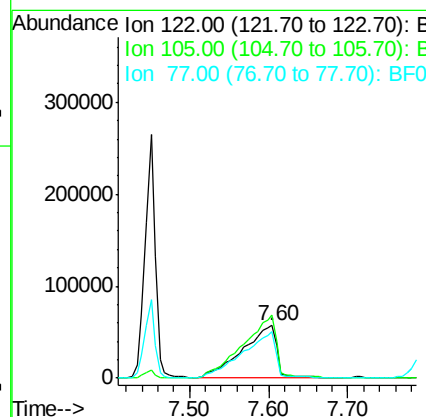
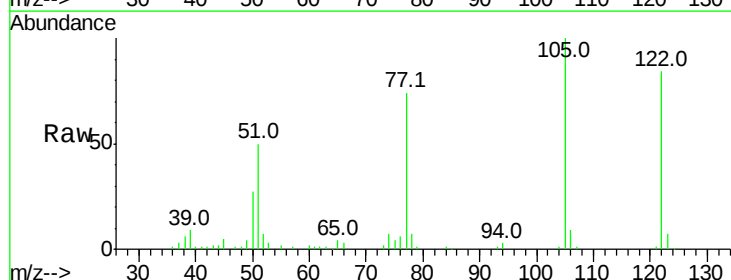
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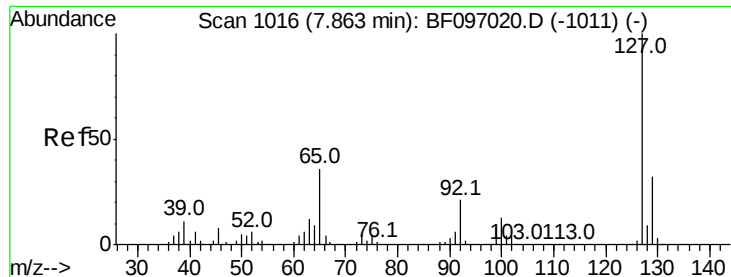
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#32
Benzoic acid
Concen: 33.479 ng
RT: 7.60 min Scan# 972
Delta R.T. -0.03 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	118.6	103.3	143.3
77	87.3	73.7	113.7





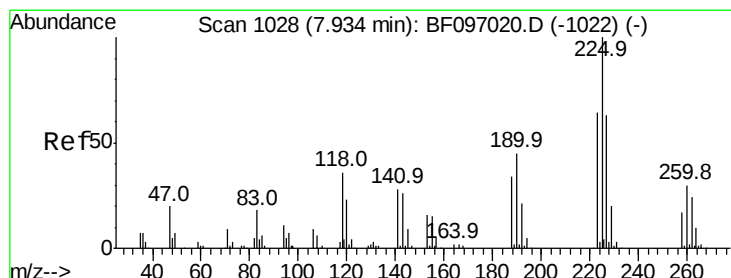
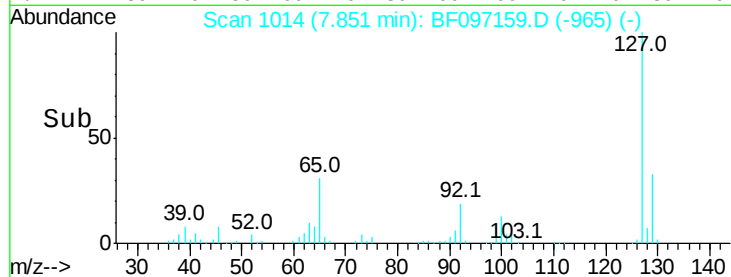
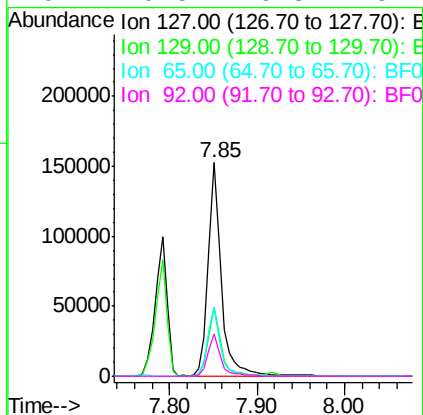
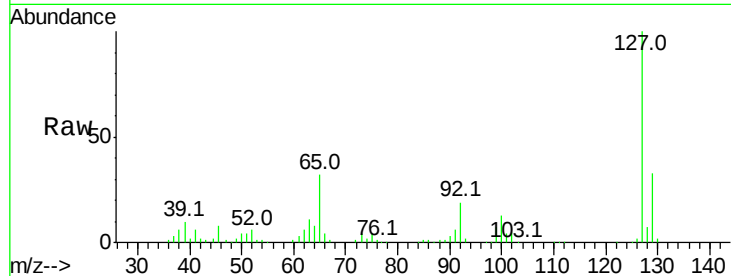
#33
4-Chloroaniline
Concen: 19.616 ng
RT: 7.85 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Instrument :
BNA_F
ClientSampleId :
PB101003BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.5	26.2	39.2	
65	32.4	27.8	41.8	
92	19.5	16.8	25.2	

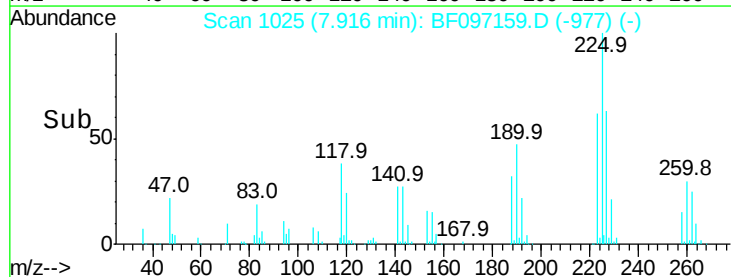
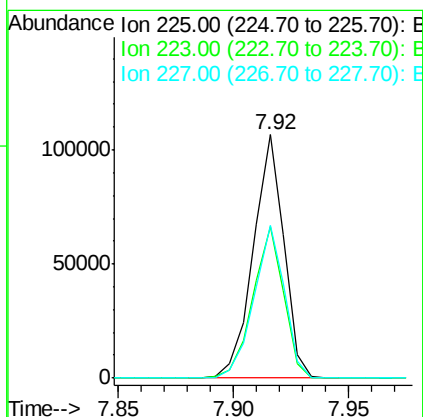
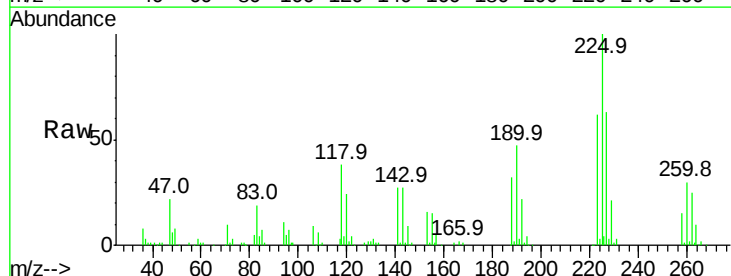
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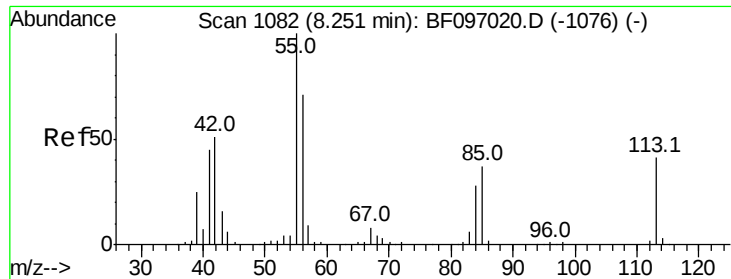
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#34
Hexachlorobutadiene
Concen: 32.814 ng
RT: 7.92 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.1	48.8	73.2	
227	62.9	51.1	76.7	





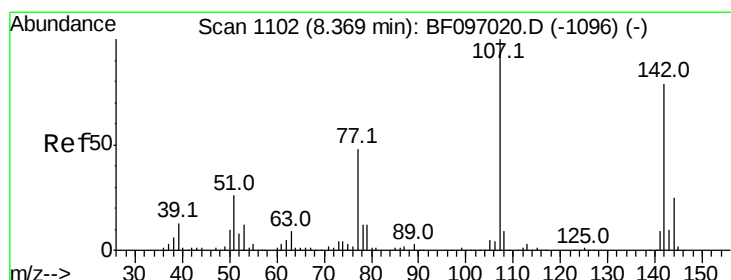
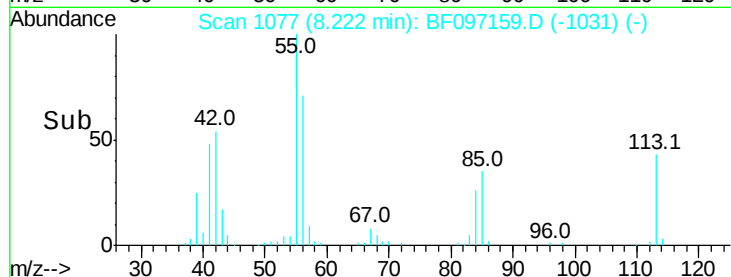
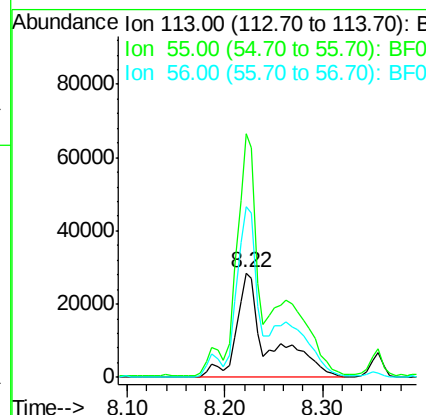
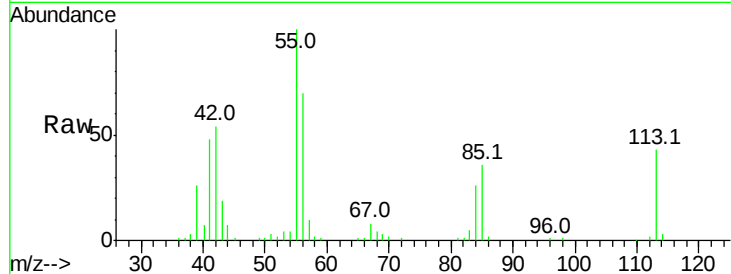
#35
Caprolactam
Concen: 35.208 ng/ml
RT: 8.22 min Scan# 1077
Delta R.T. -0.03 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Instrument :
BNA_F
ClientSampleId :
PB101003BS

Tot Ion:113 Resp: 66990
Ion Ratio Lower Upper
113 100
55 233.1 150.2 190.2#
56 163.5 107.8 147.8#

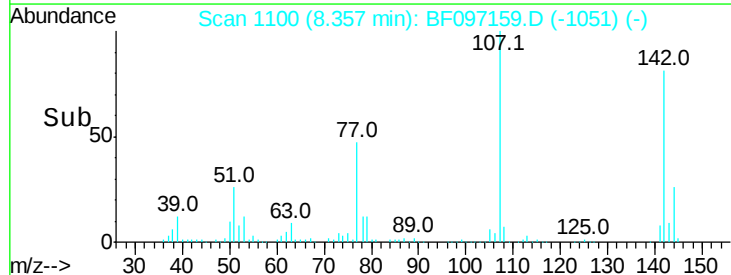
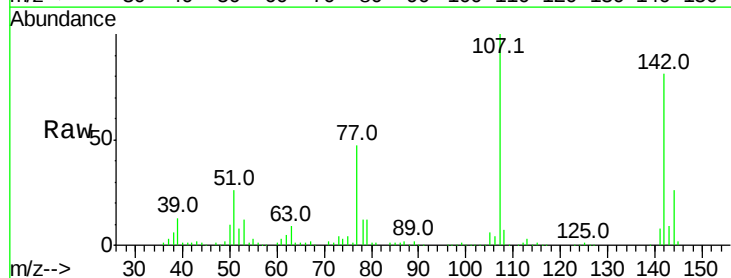
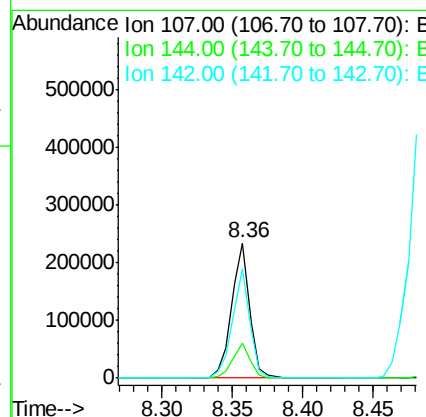
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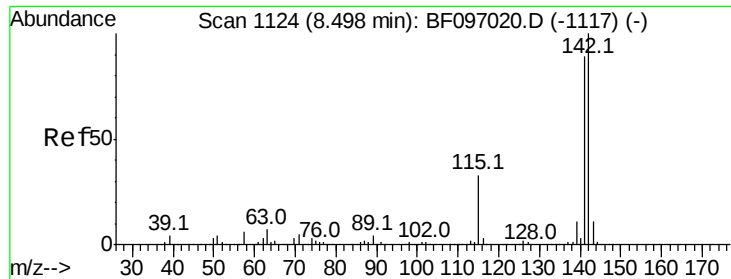
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#36
4-Chloro-3-methylphenol
Concen: 32.252 ng/ml
RT: 8.36 min Scan# 1100
Delta R.T. -0.01 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Tgt Ion:107 Resp: 208788
Ion Ratio Lower Upper
107 100
144 26.1 24.2 36.4
142 80.6 73.4 110.0





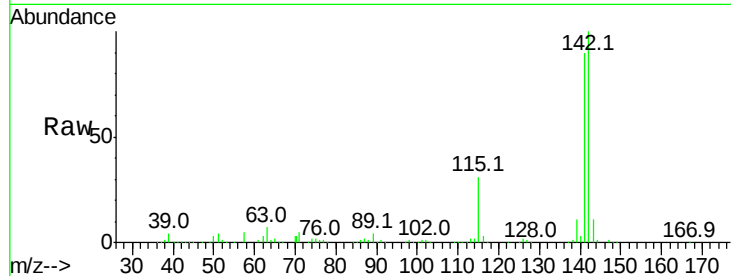
#37
 2-Methylnaphthalene
 Concen: 36.251 ng
 RT: 8.49 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF097159.D
 Acq: 28 Jul 2017 17:44

Instrument :
 BNA_F
 ClientSampleId :
 PB101003BS

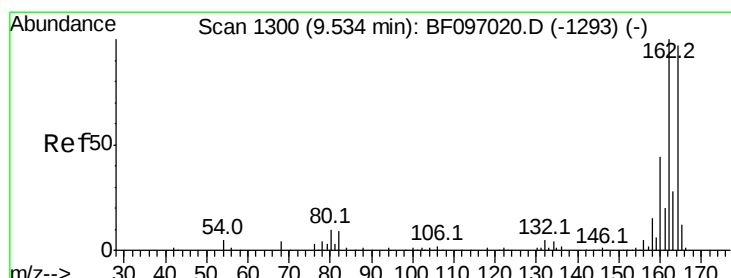
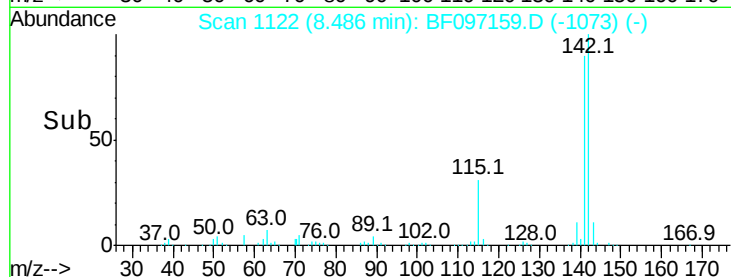
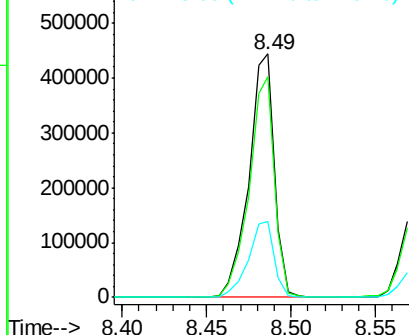
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.3	106.9
115	31.0	27.1	40.7

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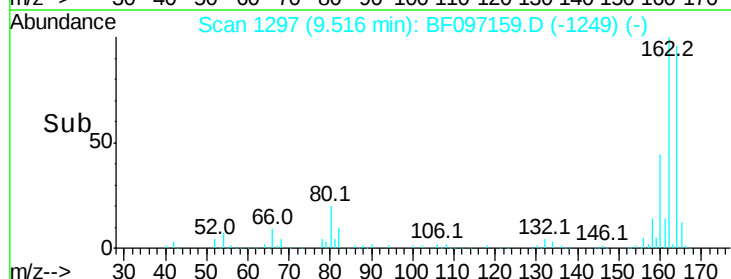
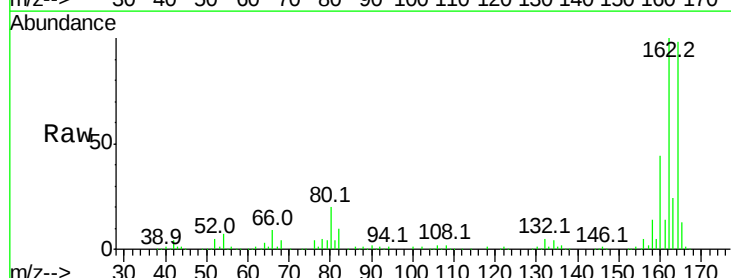
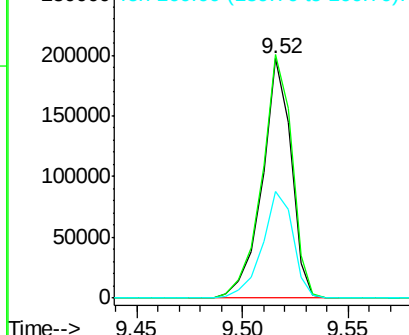
Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

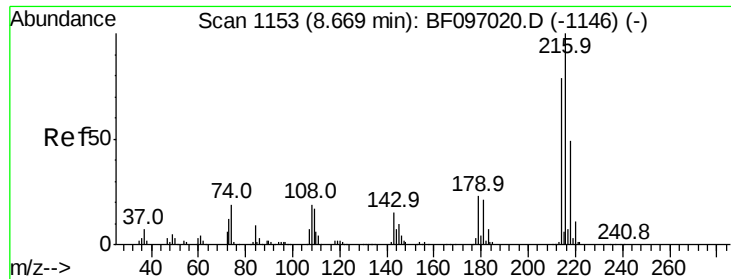


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.52 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF097159.D
 Acq: 28 Jul 2017 17:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.6	123.8
160	44.4	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





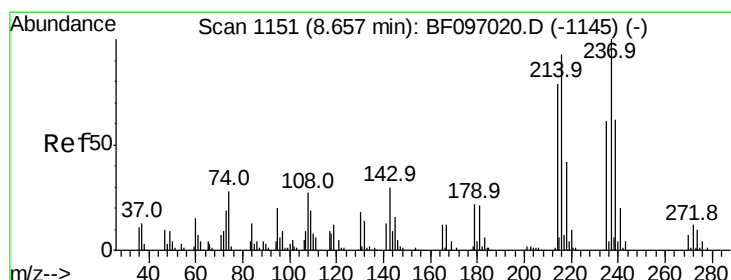
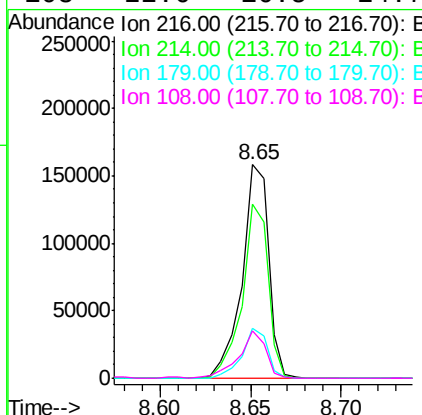
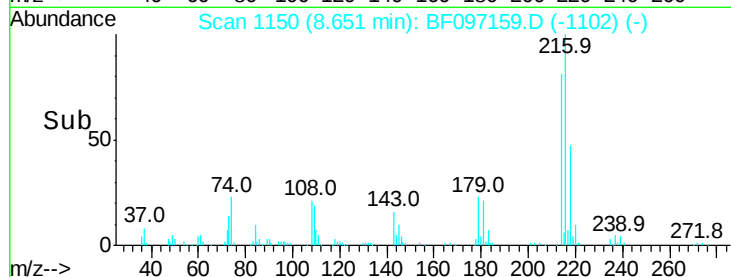
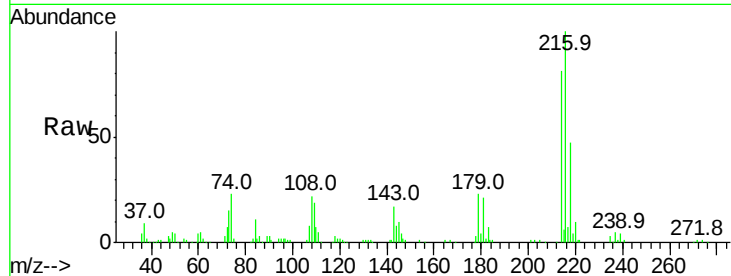
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.196 ng
 RT: 8.65 min Scan# 1150
 Delta R.T. -0.02 min
 Lab File: BF097159.D
 Acq: 28 Jul 2017 17:44

Instrument :
 BNA_F
 ClientSampleId :
 PB101003BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	161334		
214	79.3	63.4	95.2	
179	22.4	17.9	26.9	
108	22.6	16.5	24.7	

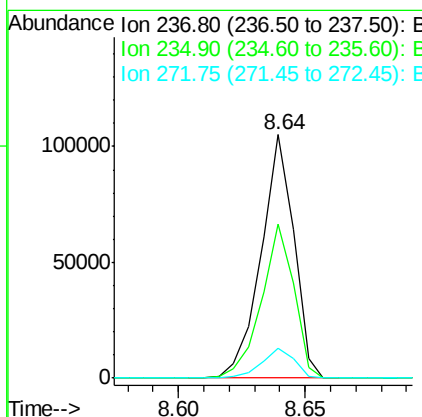
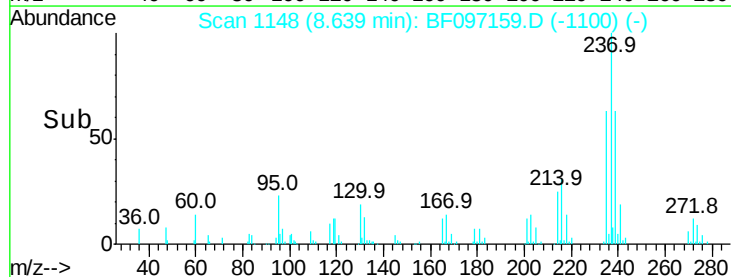
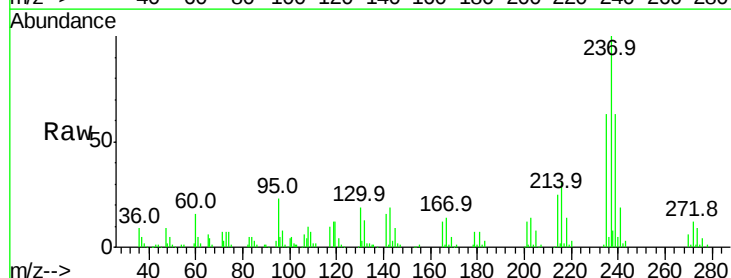
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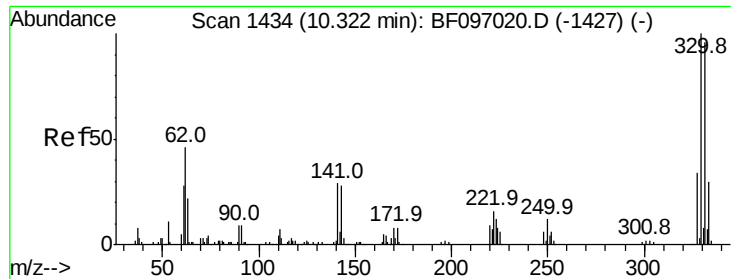
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#40
 Hexachlorocyclopentadiene
 Concen: 56.088 ng
 RT: 8.64 min Scan# 1148
 Delta R.T. -0.02 min
 Lab File: BF097159.D
 Acq: 28 Jul 2017 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	94519		
235	63.2	42.6	82.6	
272	12.0	0.0	31.9	





#41

2,4,6-Tribromophenol

Concen: 114.401 ng

RT: 10.31 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

Instrument :

BNA_F

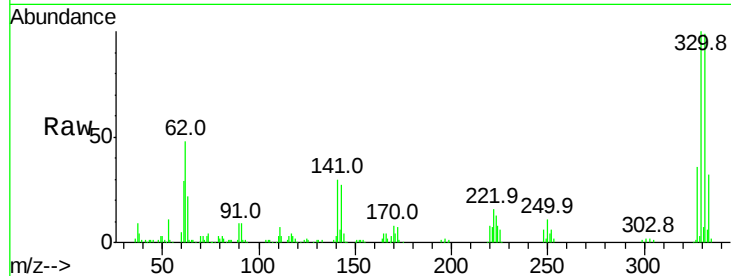
ClientSampleId :

PB101003BS

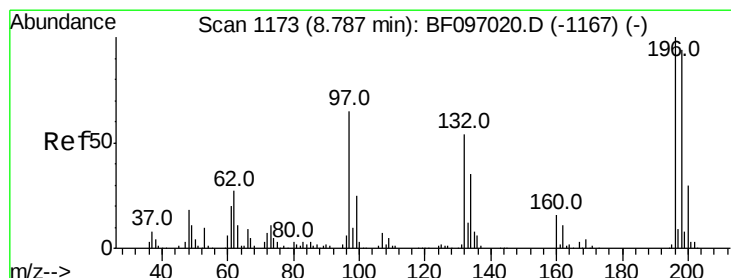
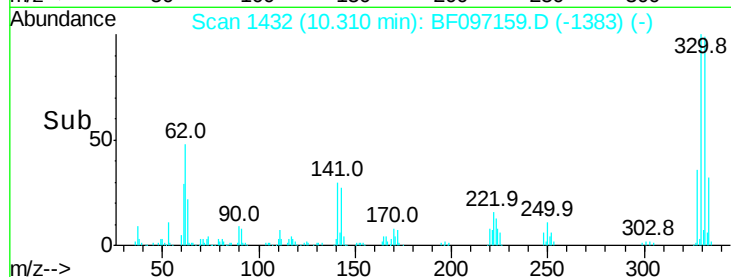
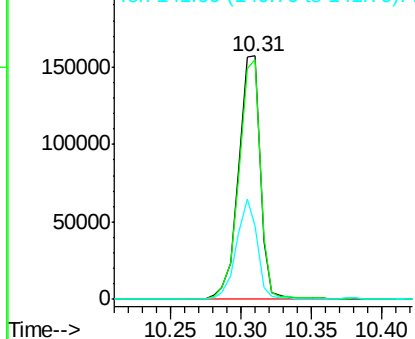
Tot Ion:	330	Resp:	169749
Ion Ratio	Lower	Upper	
330	100		
332	97.5	76.6	115.0
141	39.0	31.4	47.2

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



#42

2,4,6-Trichlorophenol

Concen: 33.396 ng

RT: 8.77 min Scan# 1171

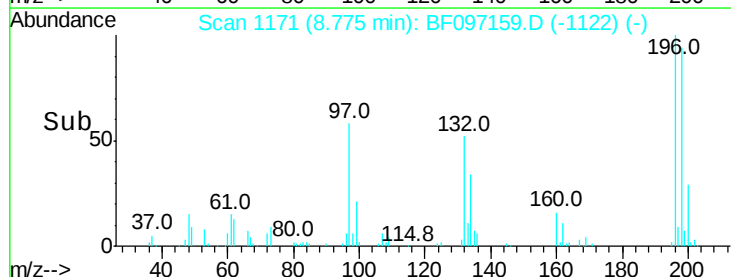
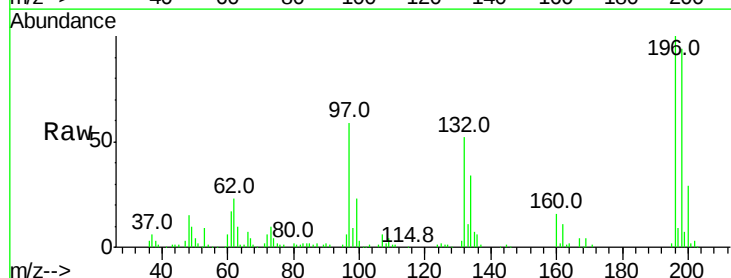
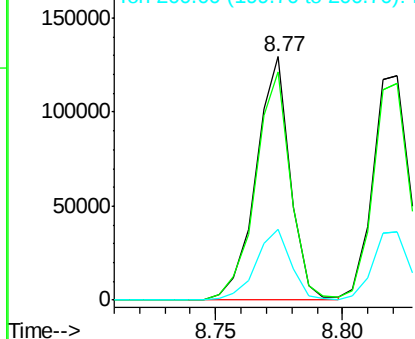
Delta R.T. -0.01 min

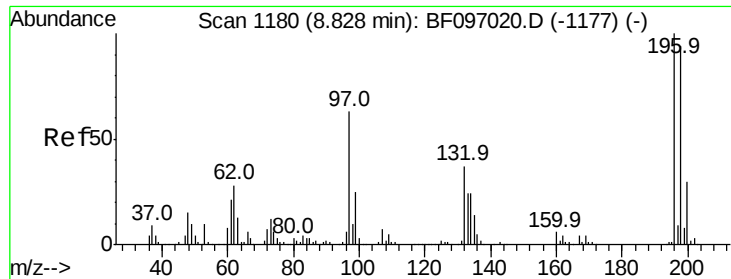
Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

Tgt Ion:	196	Resp:	121274
Ion Ratio	Lower	Upper	
196	100		
198	93.6	74.2	111.4
200	29.3	24.0	36.0

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





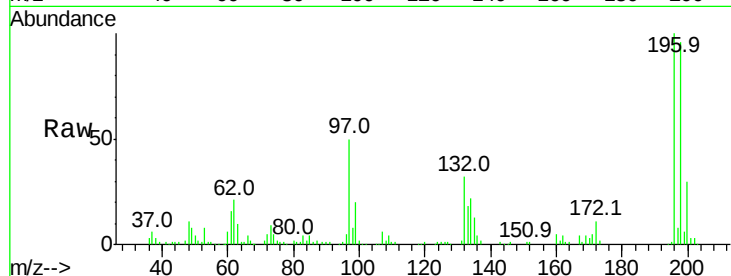
#43
 2,4,5-Trichlorophenol
 Concen: 34.833 ng
 RT: 8.82 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF097159.D
 Acq: 28 Jul 2017 17:44

Instrument :
 BNA_F
 ClientSampleId :
 PB101003BS

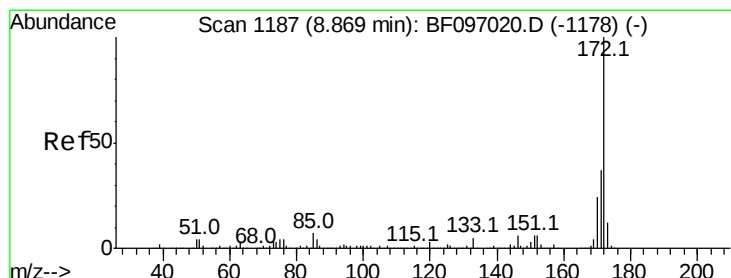
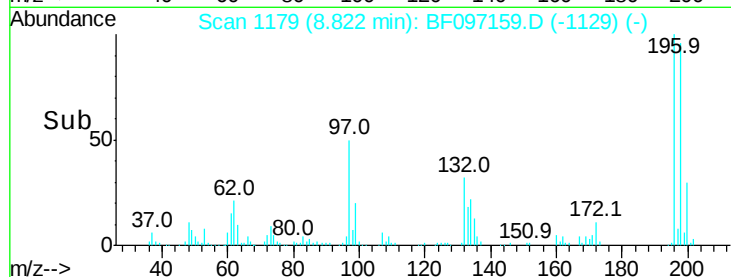
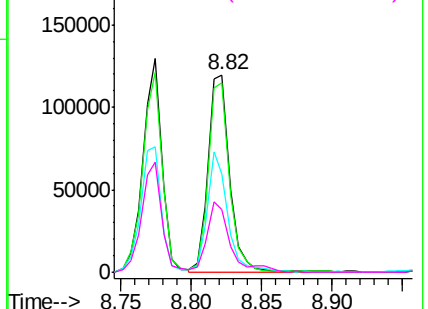
Tot Ion	Ratio	Resp	Lower	Upper
196	100	126608		
198	96.3	75.7	113.5	
97	49.7	47.7	71.5	
132	31.6	28.0	42.0	

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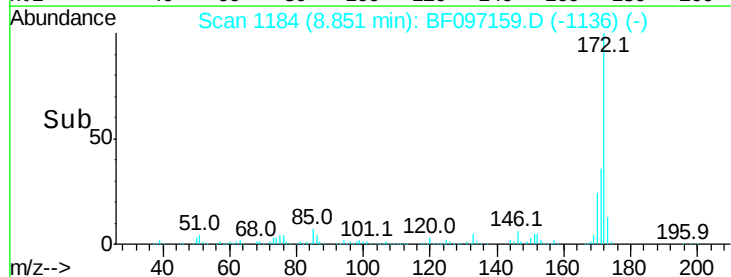
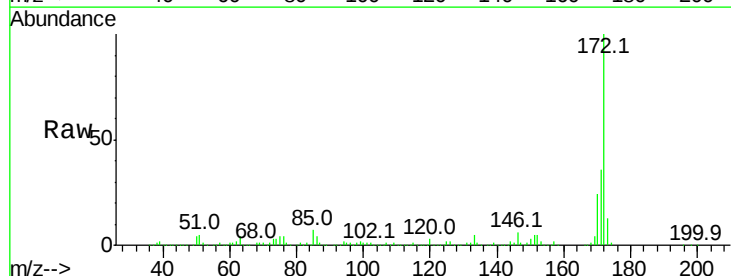
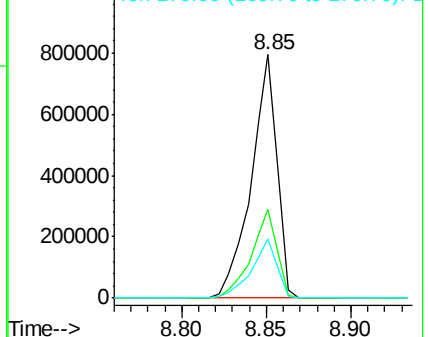
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

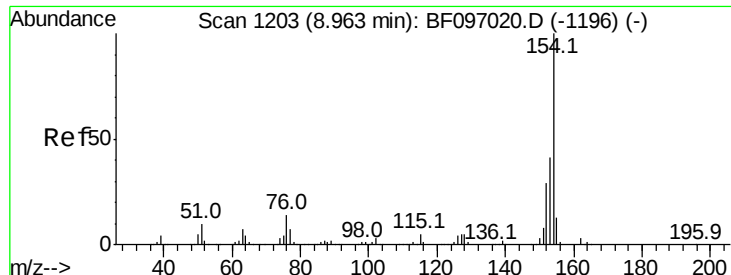


#44
 2-Fluorobiphenyl
 Concen: 76.328 ng
 RT: 8.85 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF097159.D
 Acq: 28 Jul 2017 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	844646		
171	36.3	29.6	44.4	
170	24.4	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: 32.388 ng

RT: 8.95 min Scan# 1200

Delta R.T. -0.02 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

Instrument :

BNA_F

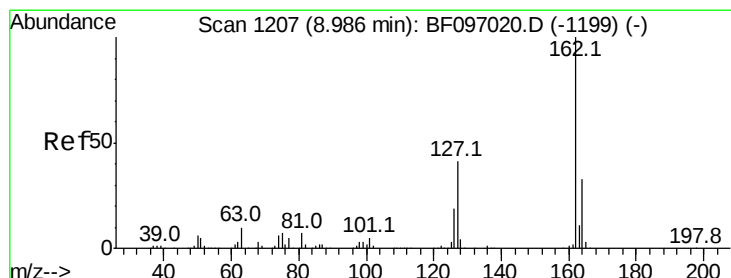
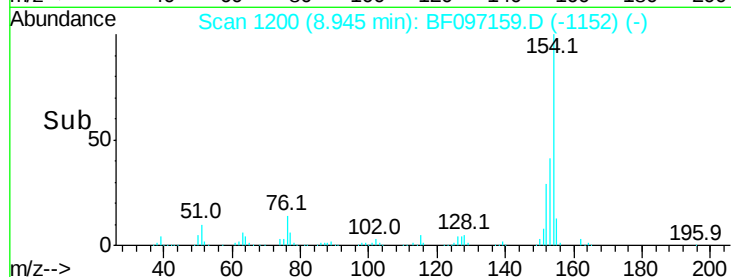
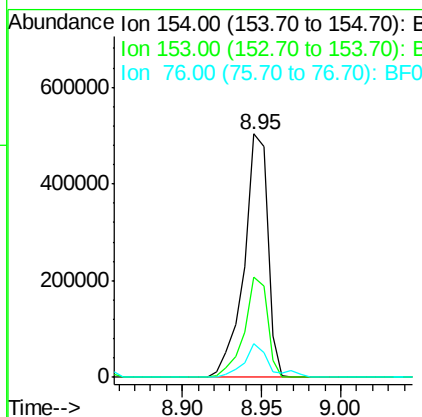
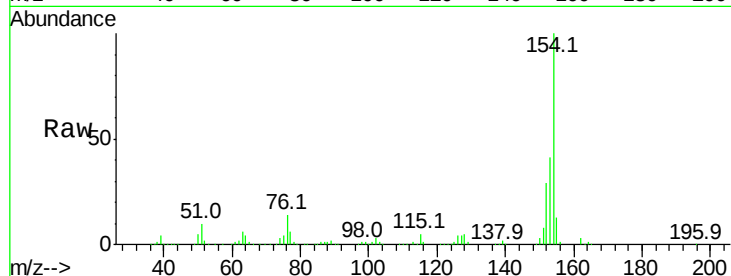
ClientSampleId :

PB101003BS

Tot Ion:	154	Resp:	519529
Ion Ratio	Lower	Upper	
154	100		
153	41.0	21.2	61.2
76	13.7	0.0	29.9

Manual Integrations
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#46

2-Chloronaphthalene

Concen: 34.119 ng

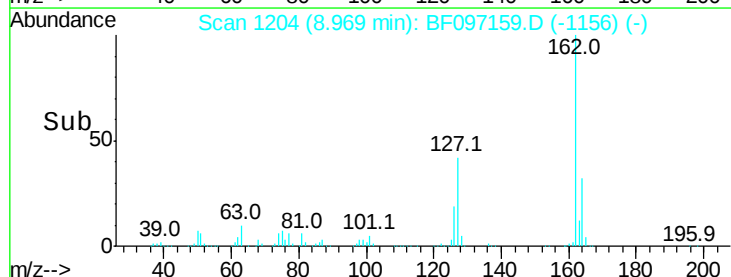
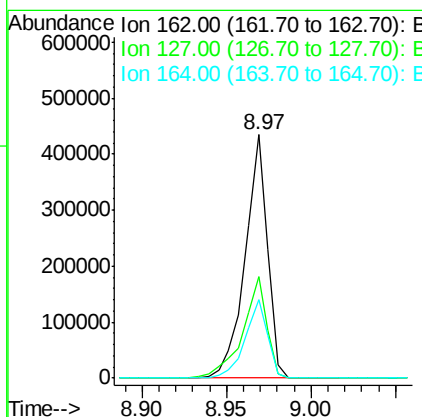
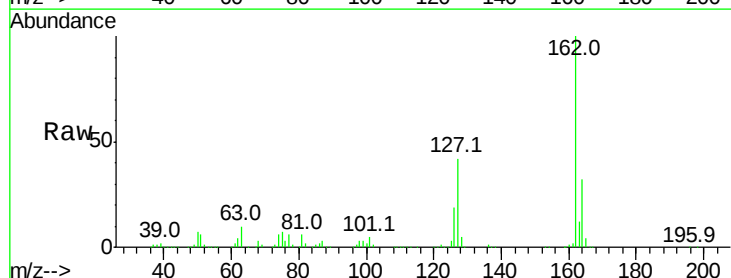
RT: 8.97 min Scan# 1204

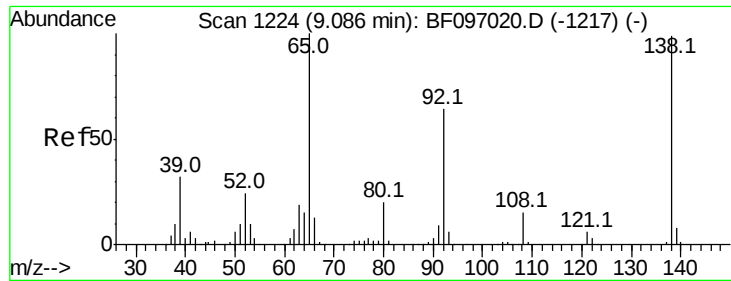
Delta R.T. -0.02 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

Tgt Ion:	162	Resp:	402752
Ion Ratio	Lower	Upper	
162	100		
127	41.7	28.3	42.5
164	32.4	27.0	40.4





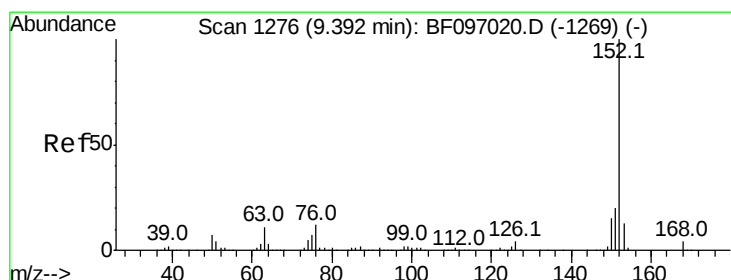
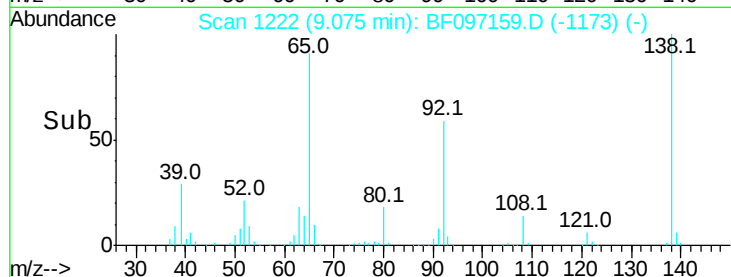
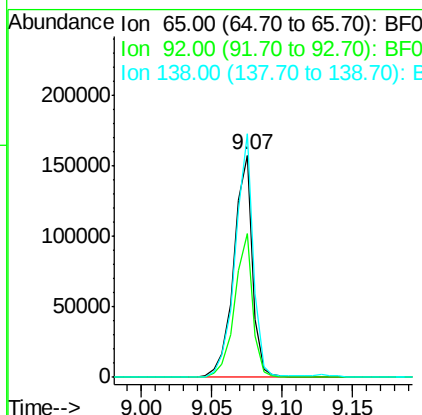
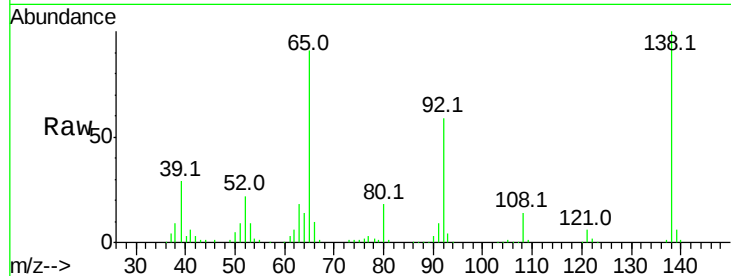
#47
2-Nitroaniline
Concen: 33.778 ng
RT: 9.07 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Instrument :
BNA_F
ClientSampleId :
PB101003BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.8	53.9	80.9
138	109.7	78.8	118.2

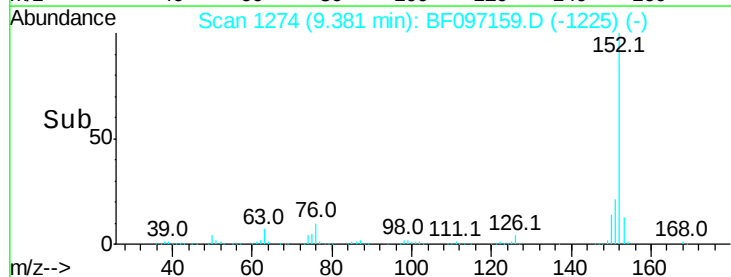
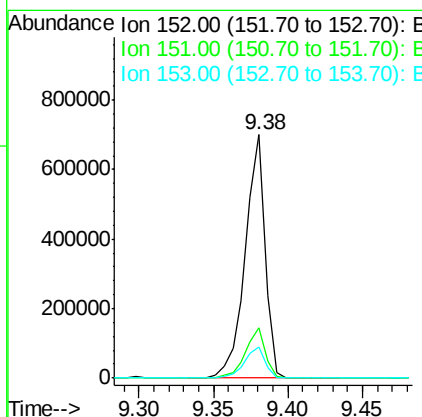
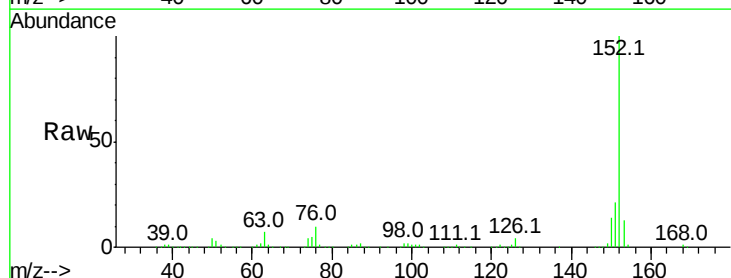
Manual Integrations
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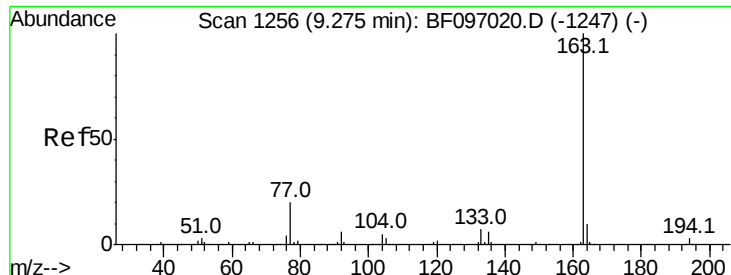
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#48
Acenaphthylene
Concen: 35.724 ng
RT: 9.38 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	12.8	10.8	16.2





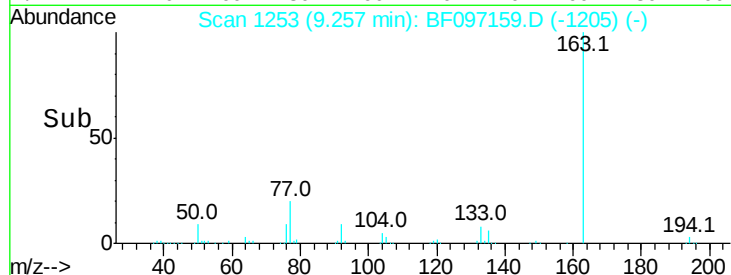
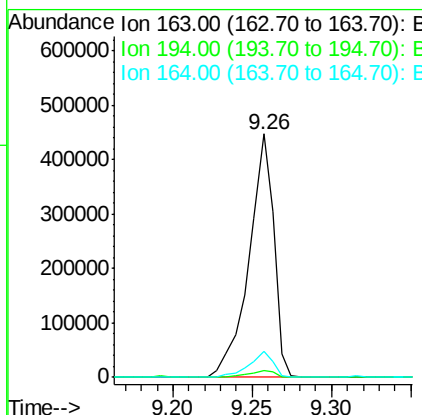
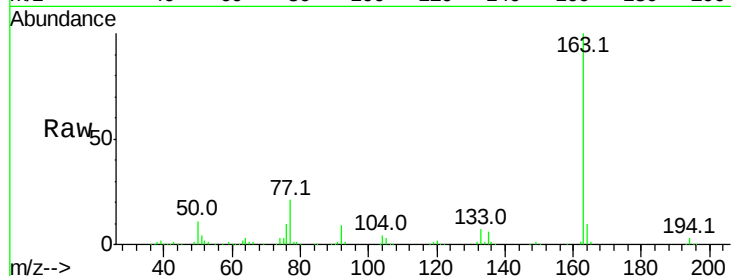
#49
Dimethylphthalate
Concen: 34.068 ng
RT: 9.26 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Instrument :
BNA_F
ClientSampleId :
PB101003BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.0	2.6	4.0	
164	10.4	8.4	12.6	

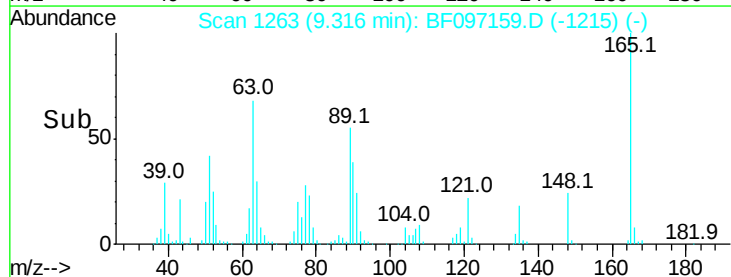
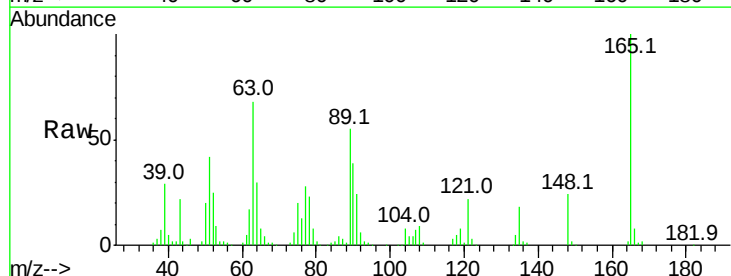
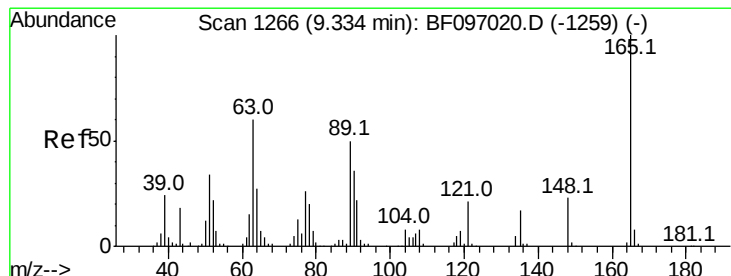
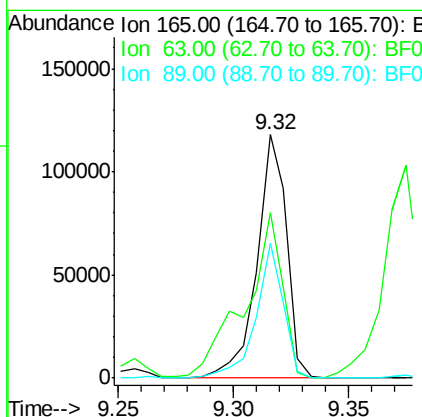
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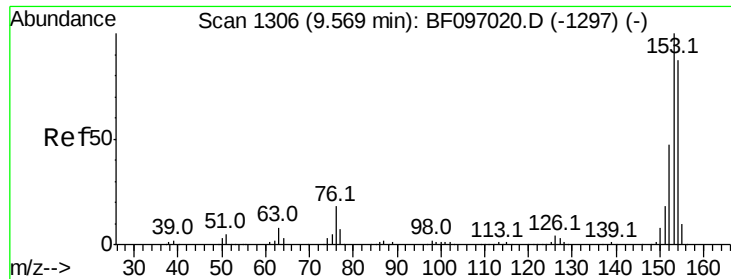
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#50
2,6-Dinitrotoluene
Concen: 34.898 ng
RT: 9.32 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	68.1	34.3	51.5#	
89	55.4	37.1	55.7	





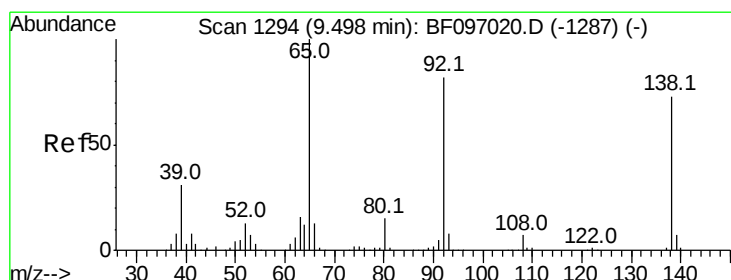
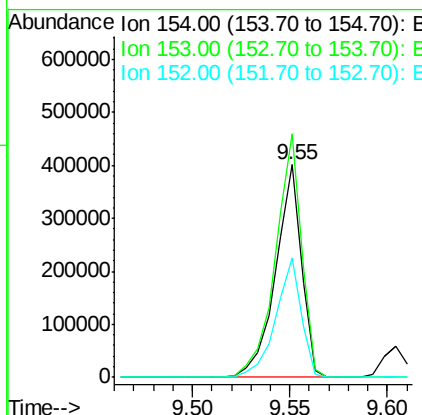
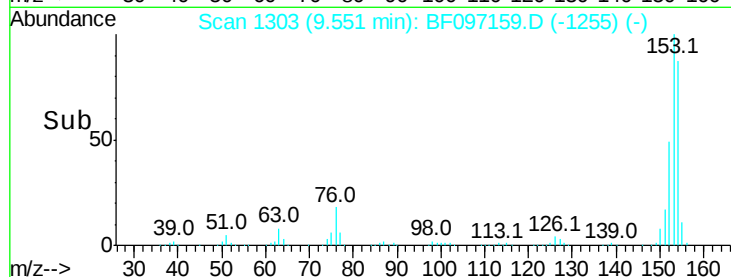
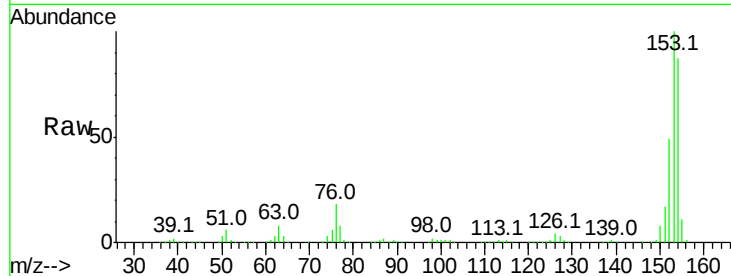
#51
Acenaphthene
Concen: 34.602 ng
RT: 9.55 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Instrument :
BNA_F
ClientSampleId :
PB101003BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.7	90.5	135.7
152	56.0	43.6	65.4

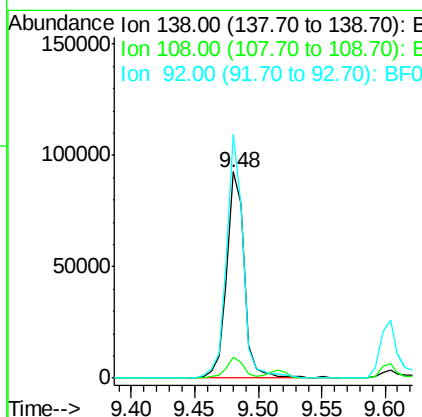
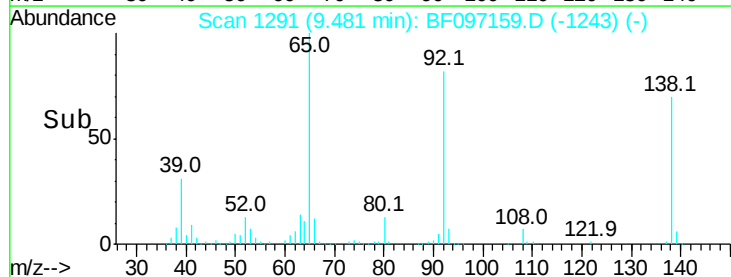
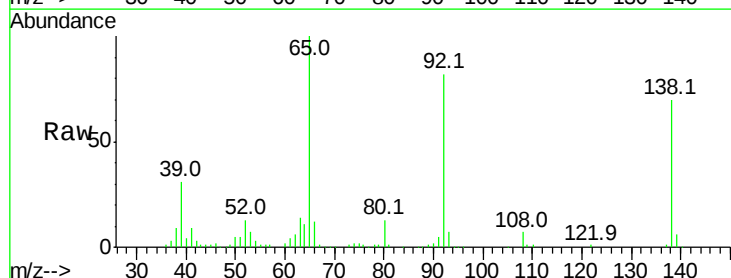
Manual Integrations
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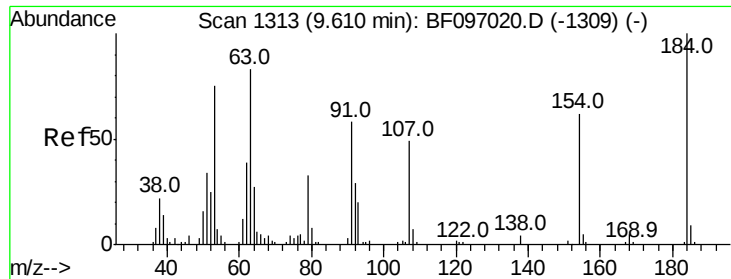
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#52
3-Nitroaniline
Concen: 23.857 ng
RT: 9.48 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.3	9.1	13.7
92	118.1	93.8	140.6





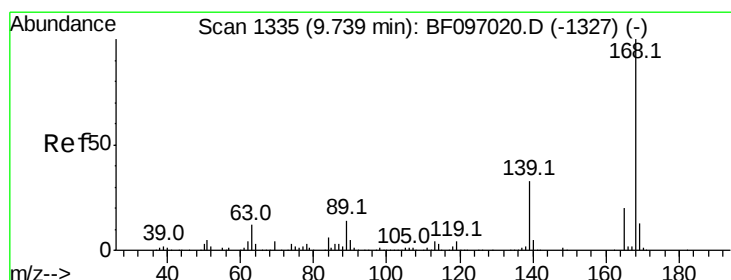
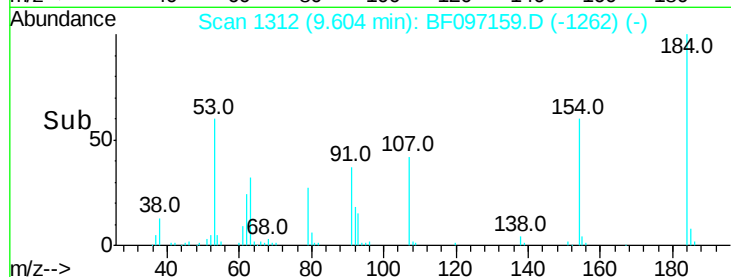
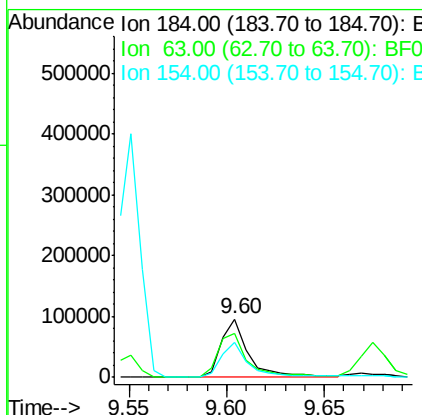
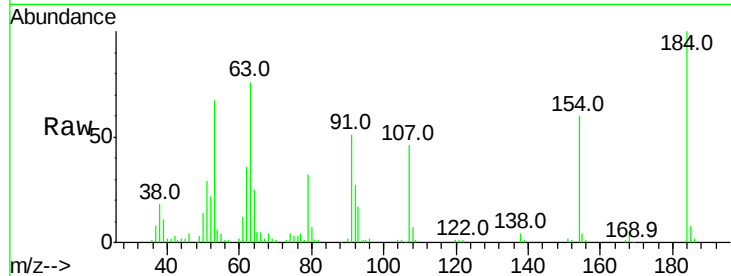
#53
 2,4-Dinitrophenol
 Concen: 69.695 ng
 RT: 9.60 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BF097159.D
 Acq: 28 Jul 2017 17:44

Instrument :
 BNA_F
 ClientSampled :
 PB101003BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	75.6	62.7	94.1	
154	60.1	81.1	121.7	

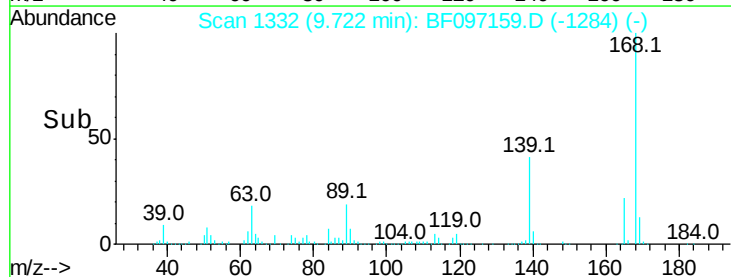
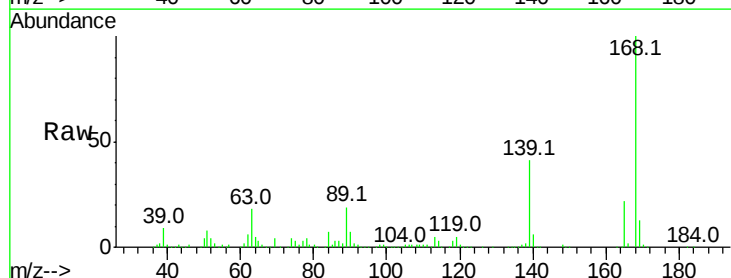
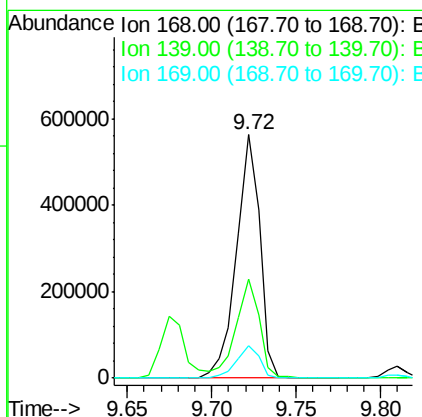
Manual Integrations
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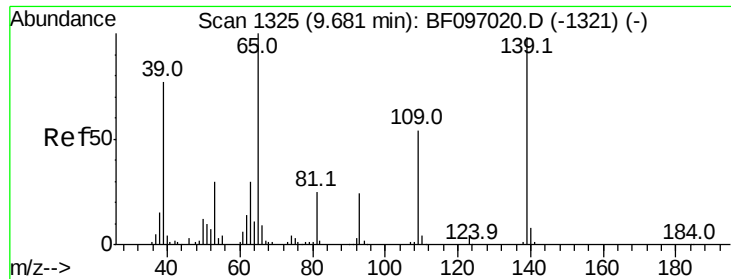
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#54
 Dibenzofuran
 Concen: 38.128 ng
 RT: 9.72 min Scan# 1332
 Delta R.T. -0.02 min
 Lab File: BF097159.D
 Acq: 28 Jul 2017 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.5	30.6	45.8	
169	13.2	10.8	16.2	





#55

4-Nitrophenol

Concen: 64.926 ng

RT: 9.67 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

Instrument :

BNA_F

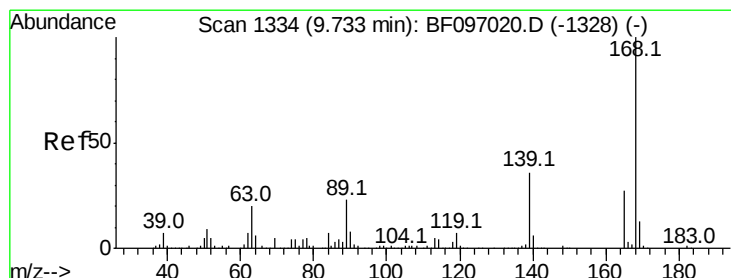
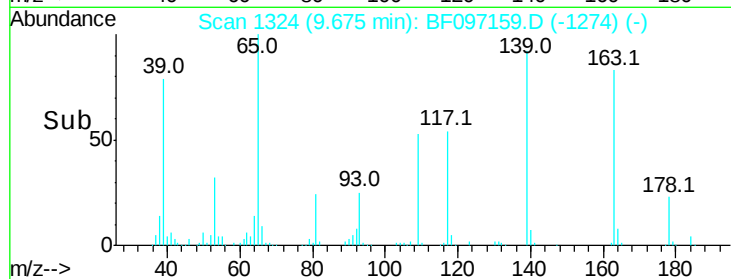
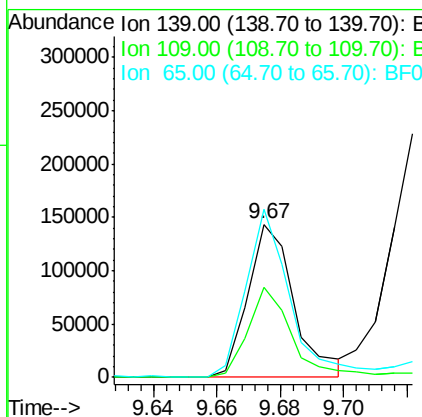
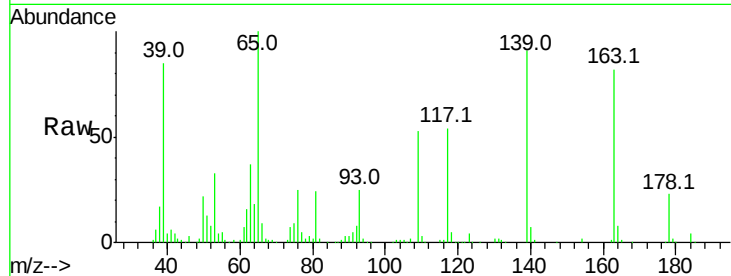
ClientSampleId :

PB101003BS

Tot Ion:	139	Resp:	144961
Ion Ratio	Lower	Upper	
139	100		
109	58.4	34.1	74.1
65	109.3	31.4	71.4#

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 37.294 ng

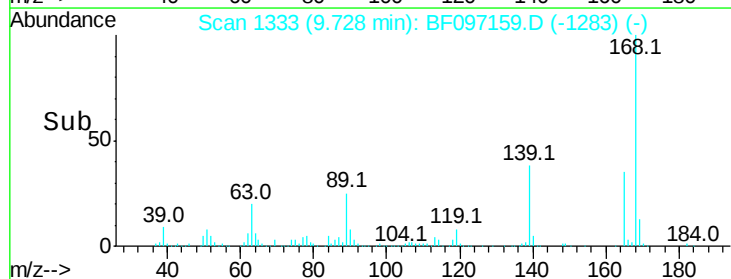
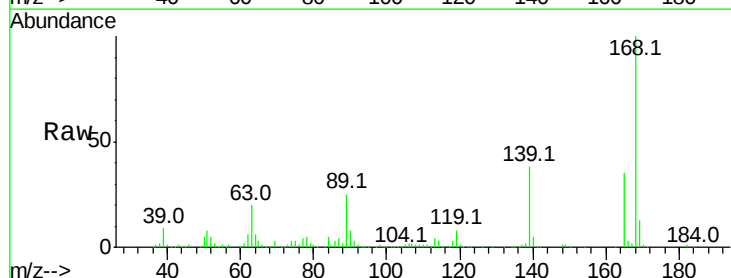
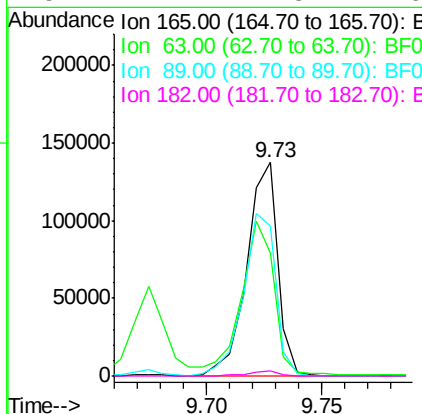
RT: 9.73 min Scan# 1333

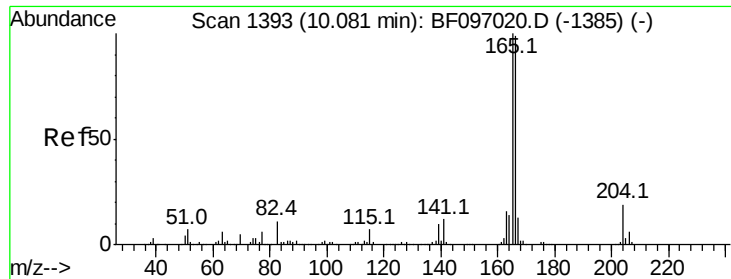
Delta R.T. -0.01 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

Tgt Ion:	165	Resp:	129679
Ion Ratio	Lower	Upper	
165	100		
63	57.6	25.4	38.0#
89	70.0	46.4	69.6#
182	2.2	1.8	2.6





#57

Fluorene

Concen: 39.849 ng

RT: 10.06 min Scan# 1390

Delta R.T. -0.02 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

Instrument :

BNA_F

ClientSampleId :

PB101003BS

Tot Ion:166 Resp: 425756

Ion Ratio Lower Upper

166 100

165 101.1 78.8 118.2

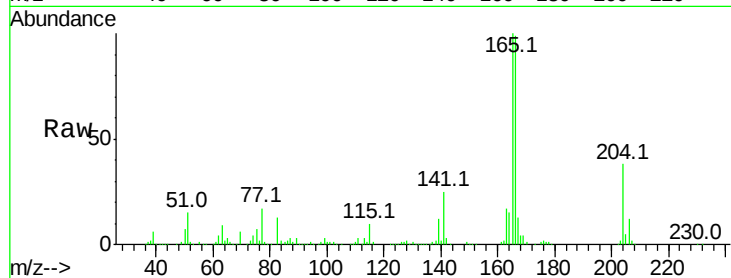
167 13.5 10.6 16.0

Manual Integrations

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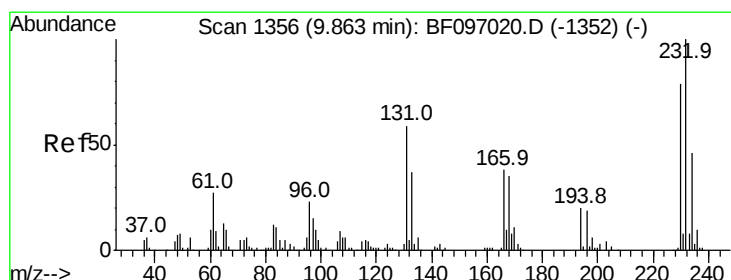
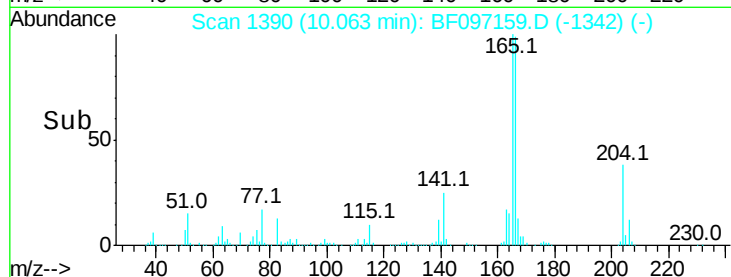
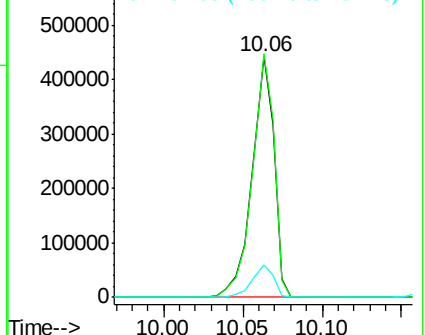
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.238 ng

RT: 9.85 min Scan# 1354

Delta R.T. -0.01 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

Tgt Ion:232 Resp: 93454

Ion Ratio Lower Upper

232 100

131 53.4 44.8 67.2

130 2.2 2.3 3.5#

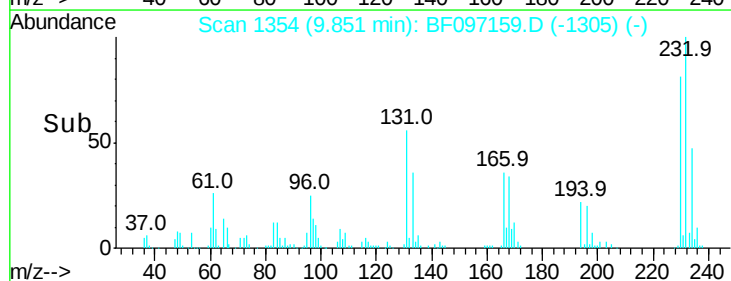
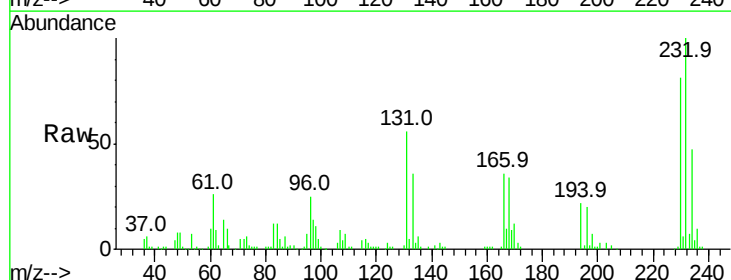
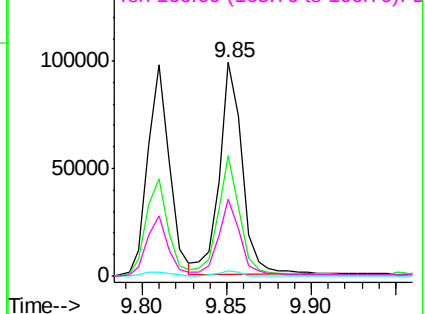
166 34.4 29.0 43.4

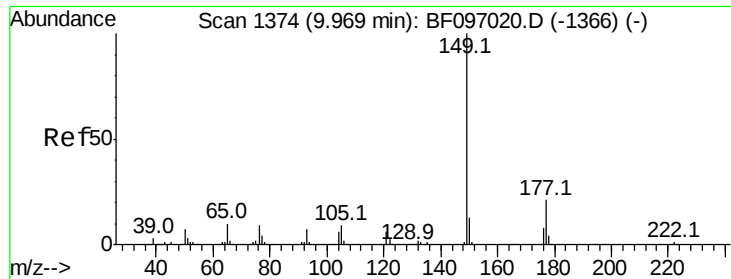
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





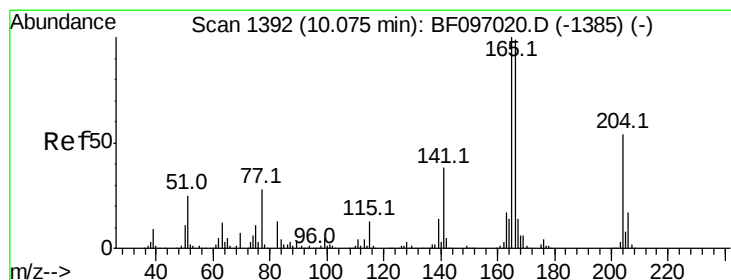
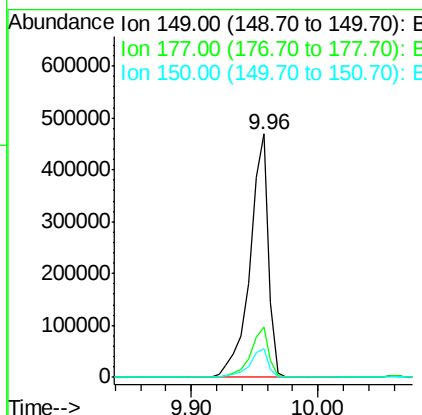
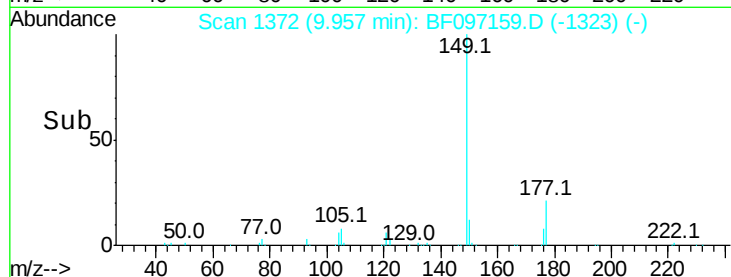
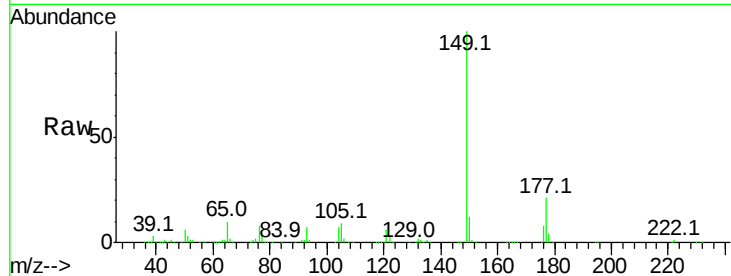
#59
 Diethylphthalate
 Concen: 36.421 ng
 RT: 9.96 min Scan# 1372
 Delta R.T. -0.01 min
 Lab File: BF097159.D
 Acq: 28 Jul 2017 17:44

Instrument :
 BNA_F
 ClientSampleId :
 PB101003BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.9	16.7	25.1
150	11.7	10.2	15.2

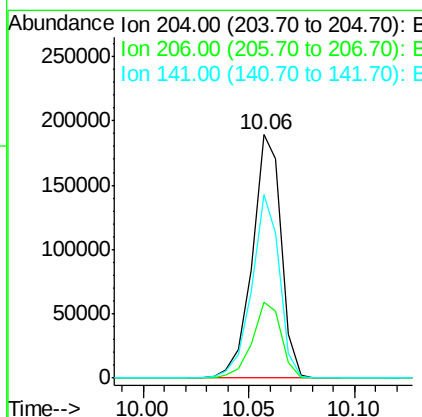
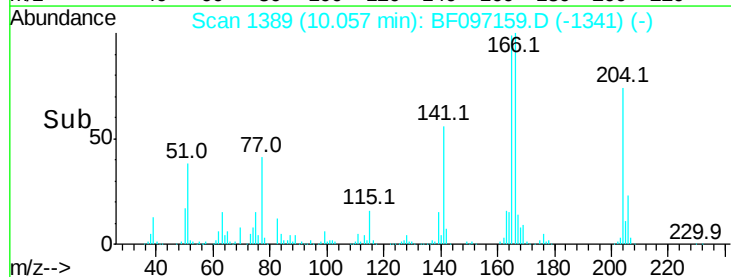
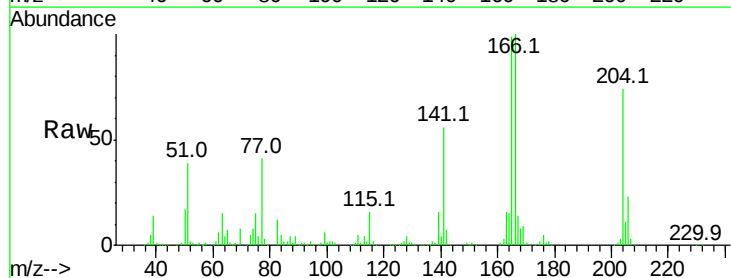
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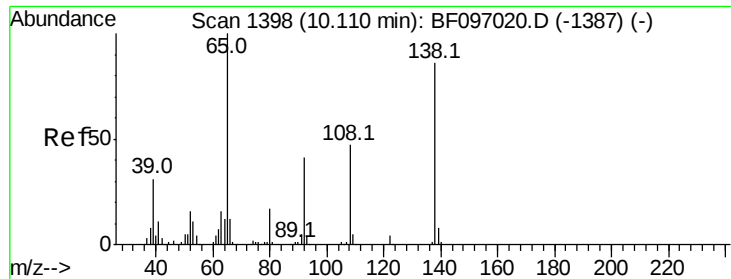
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#60
 4-Chlorophenyl-phenylether
 Concen: 40.708 ng
 RT: 10.06 min Scan# 1389
 Delta R.T. -0.02 min
 Lab File: BF097159.D
 Acq: 28 Jul 2017 17:44

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.0	26.2	39.2
141	75.4	60.8	91.2





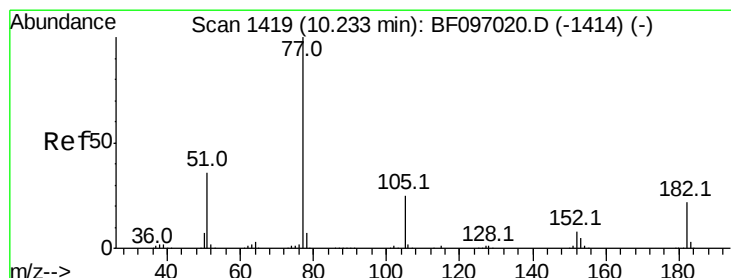
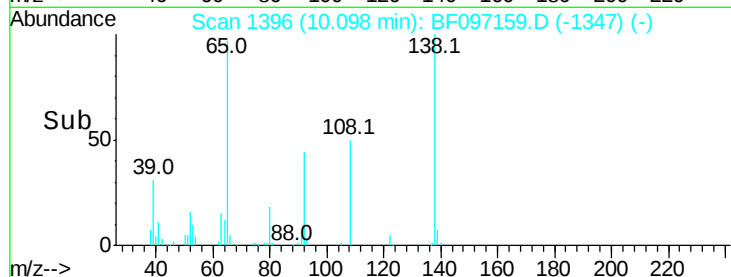
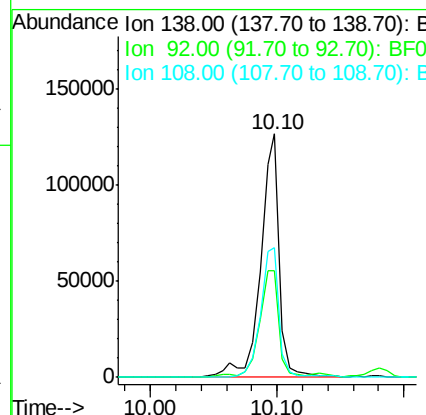
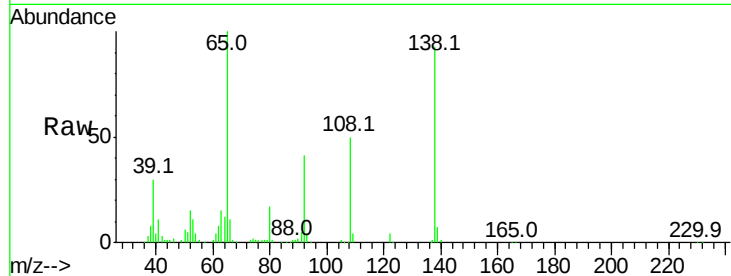
#61
4-Nitroaniline
Concen: 36.816 ng
RT: 10.10 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Instrument :
BNA_F
ClientSampleId :
PB101003BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	43.8	21.8	61.8
108	53.5	42.3	82.3

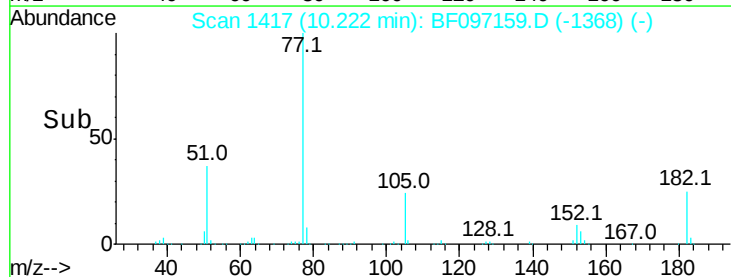
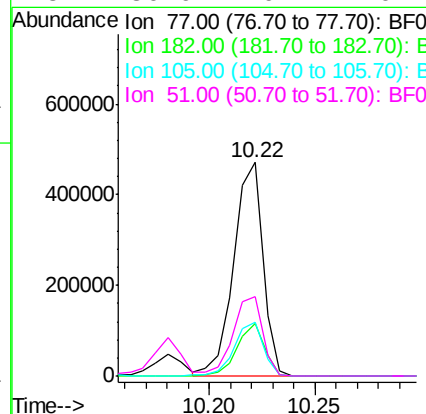
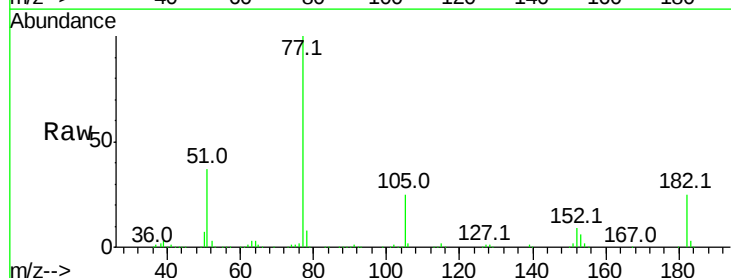
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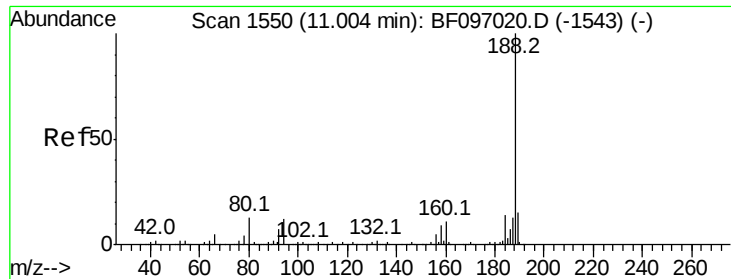
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#62
Azobenzene
Concen: 37.040 ng
RT: 10.22 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.8	0.1	40.1
105	25.0	3.6	43.6
51	36.9	9.4	49.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 10.99 min Scan# 1548

Delta R.T. -0.01 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

Instrument :

BNA_F

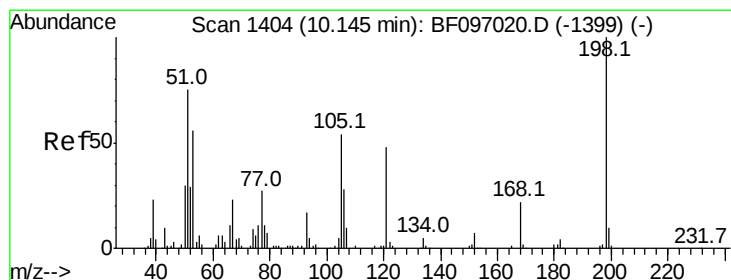
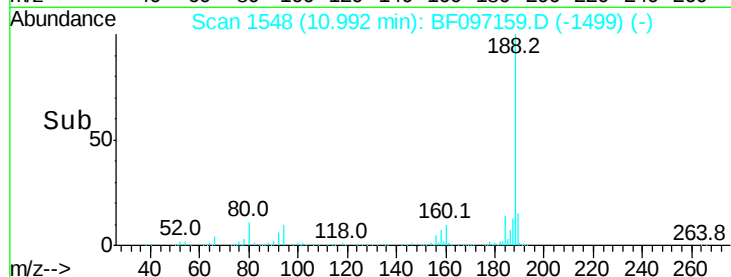
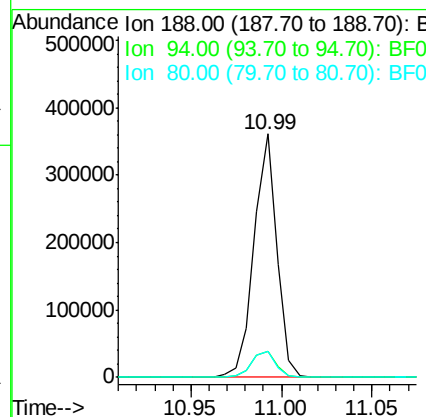
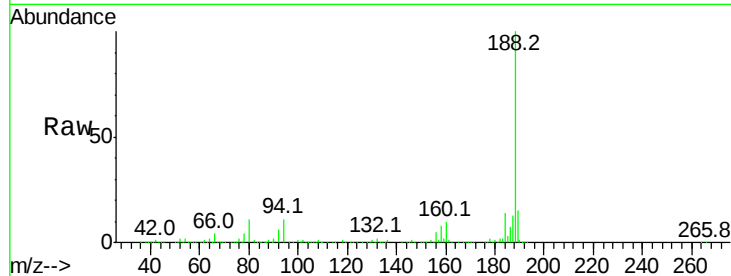
ClientSampleId :

PB101003BS

Tot Ion:	188	Resp:	315695
Ion Ratio	Lower	Upper	
188	100		
94	10.6	9.4	14.2
80	10.6	10.2	15.2

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#64

4,6-Dinitro-2-methylphenol

Concen: 36.150 ng

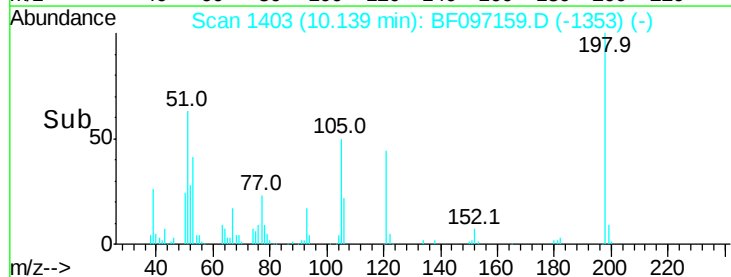
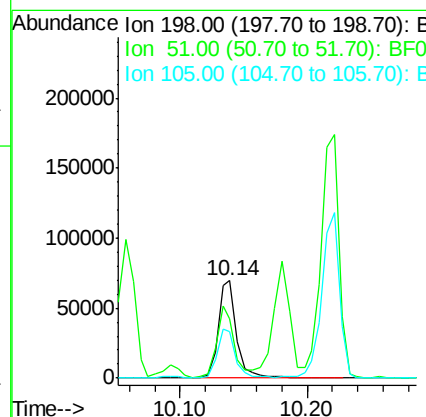
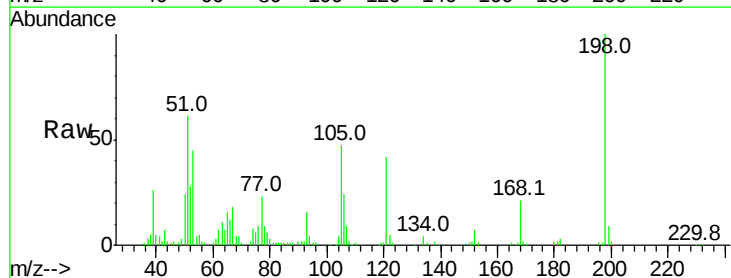
RT: 10.14 min Scan# 1403

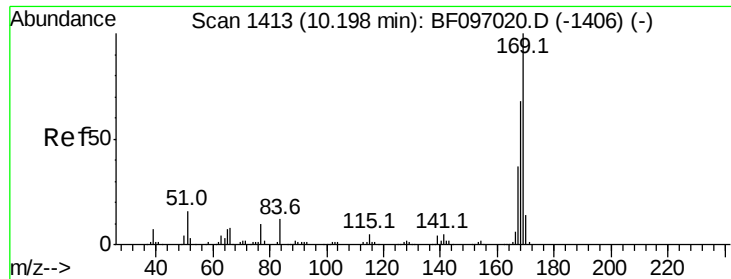
Delta R.T. -0.01 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

Tgt Ion:	198	Resp:	70916
Ion Ratio	Lower	Upper	
198	100		
51	61.0	53.2	93.2
105	47.3	45.8	85.8





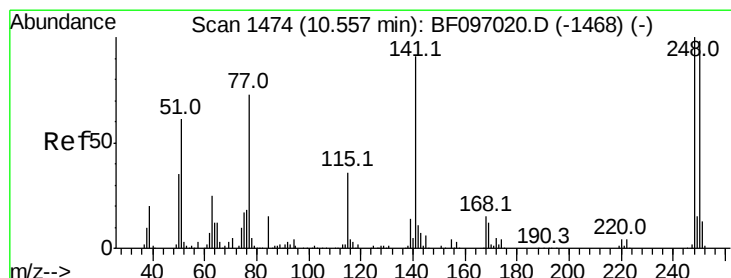
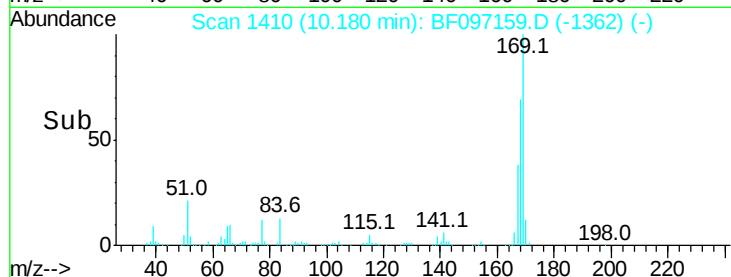
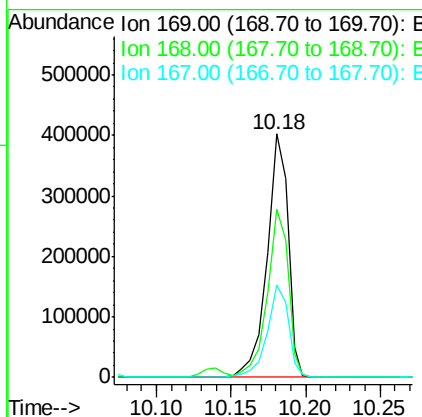
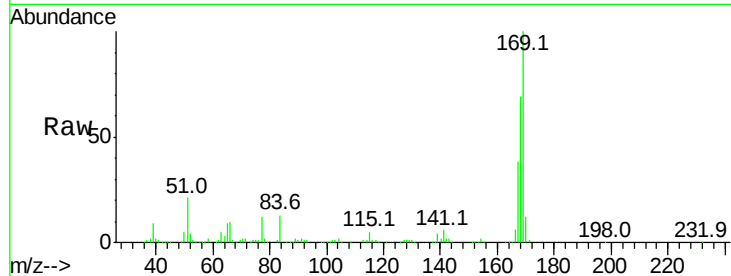
#65
n-Nitrosodiphenylamine
Concen: 35.630 ng
RT: 10.18 min Scan# 1410
Delta R.T. -0.02 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Instrument :
BNA_F
ClientSampleId :
PB101003BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	391369		
168	68.8	53.2	79.8	
167	38.1	29.5	44.3	

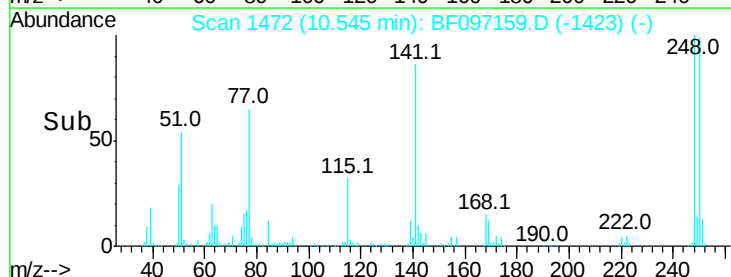
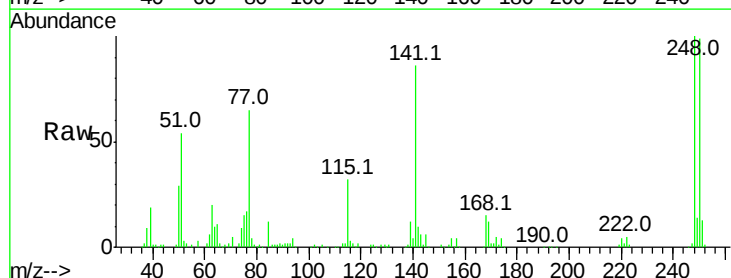
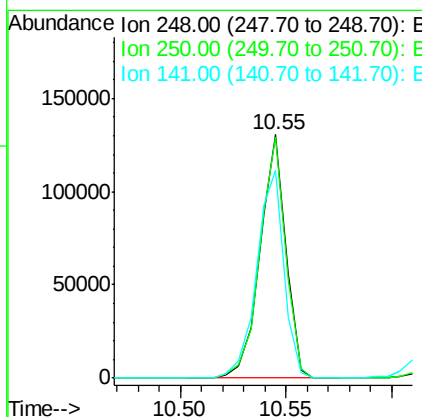
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#66
4-Bromophenyl-phenylether
Concen: 35.379 ng
RT: 10.55 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	111463		
250	98.8	76.8	115.2	
141	85.5	68.6	103.0	





#67

Hexachlorobenzene

Concen: 33.201 ng

RT: 10.62 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

Instrument :

BNA_F

ClientSampleId :

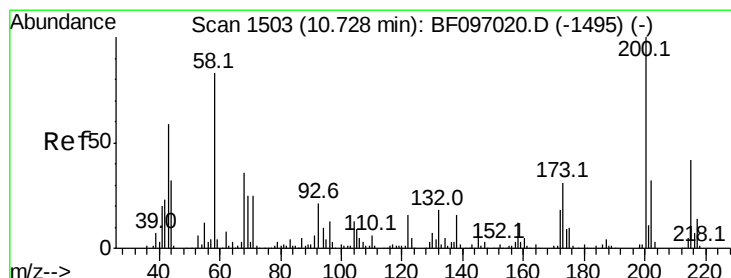
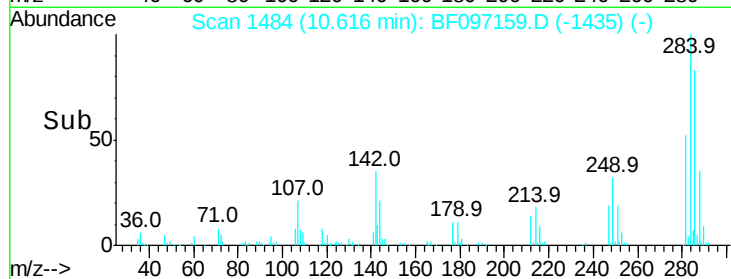
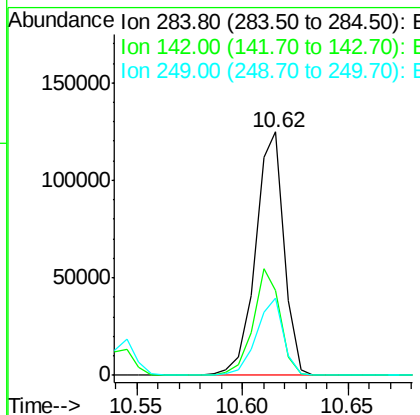
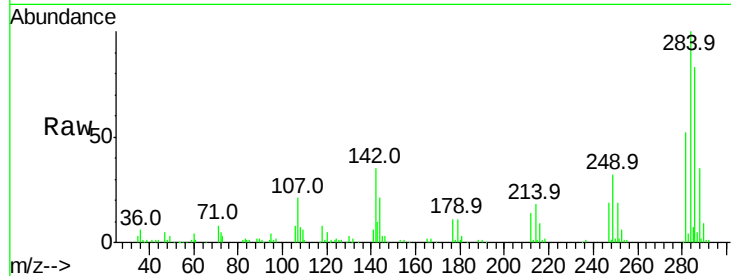
PB101003BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	34.9	22.8	34.2#	
249	31.6	24.0	36.0	

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#68

Atrazine

Concen: 35.275 ng

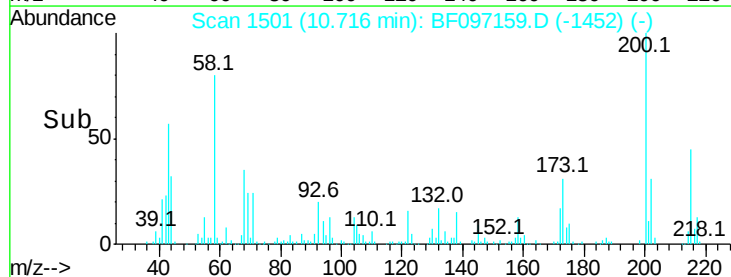
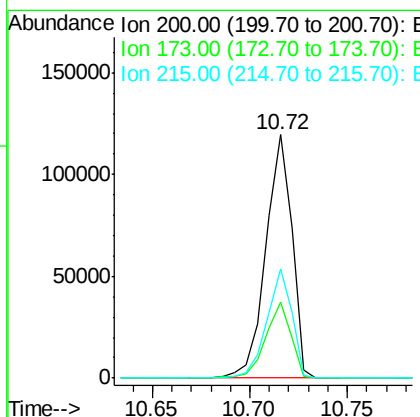
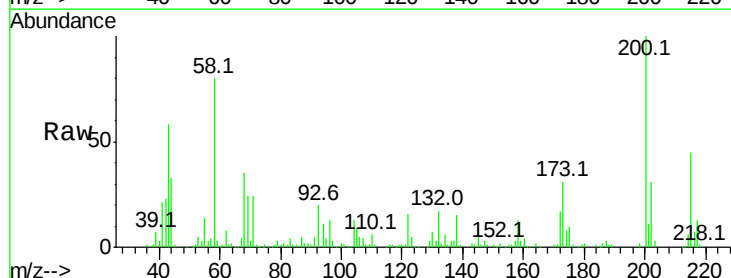
RT: 10.72 min Scan# 1501

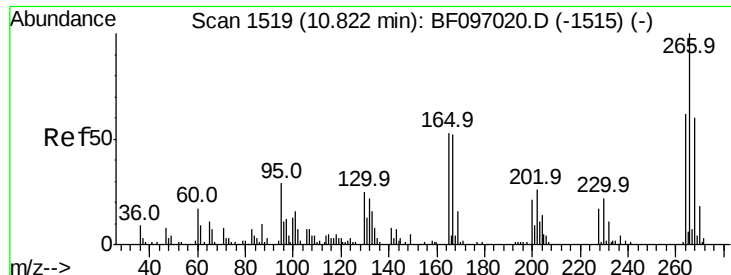
Delta R.T. -0.01 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	31.3	6.3	46.3	
215	44.7	27.2	67.2	





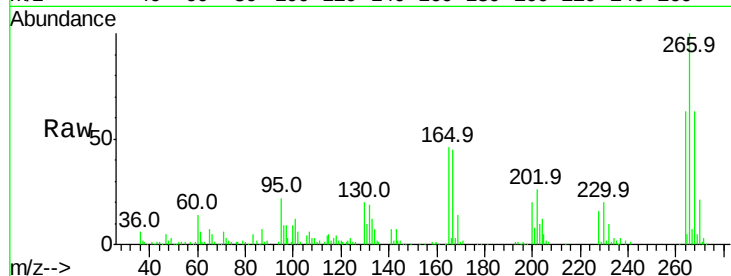
#69
 Pentachlorophenol
 Concen: 72.987 ng
 RT: 10.82 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF097159.D
 Acq: 28 Jul 2017 17:44

Instrument :
 BNA_F
 ClientSampled :
 PB101003BS

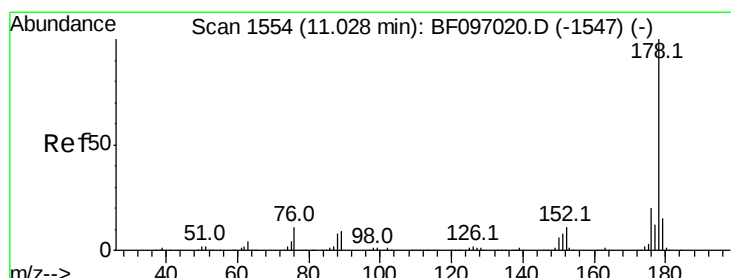
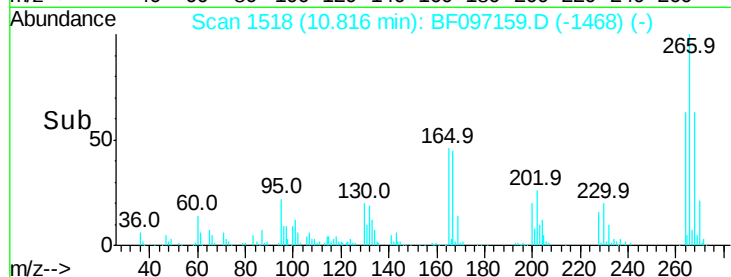
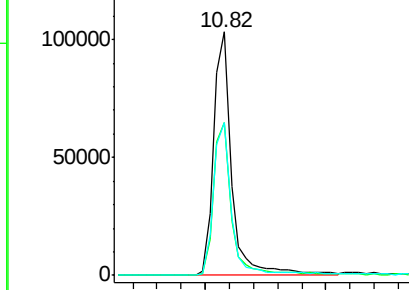
Tot Ion	Ratio	Resp	Lower	Upper
266	100	106693		
268	63.0		51.1	76.7
264	62.9		51.7	77.5

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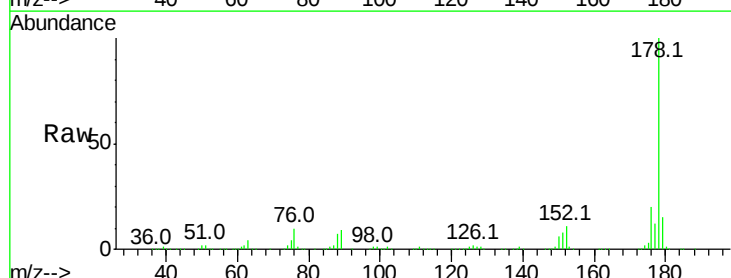


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

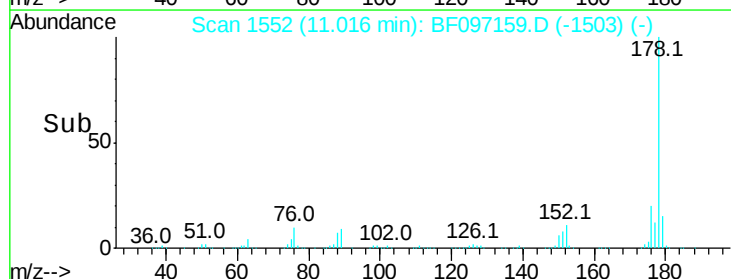
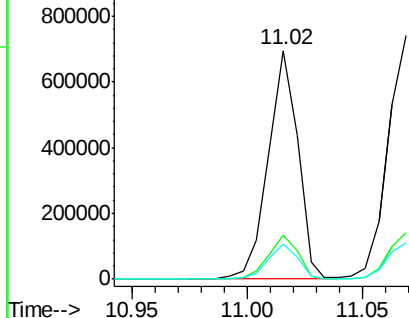


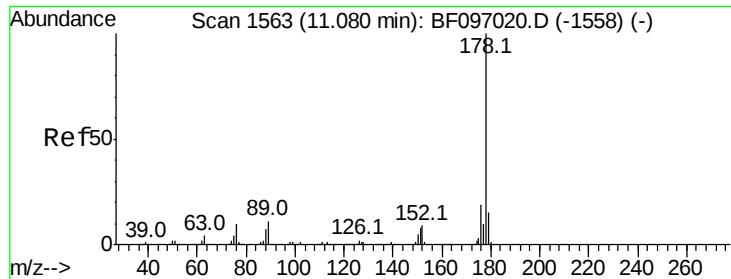
#70
 Phenanthrene
 Concen: 36.823 ng
 RT: 11.02 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BF097159.D
 Acq: 28 Jul 2017 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	622862		
176	19.5		16.2	24.4
179	15.4		12.6	19.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





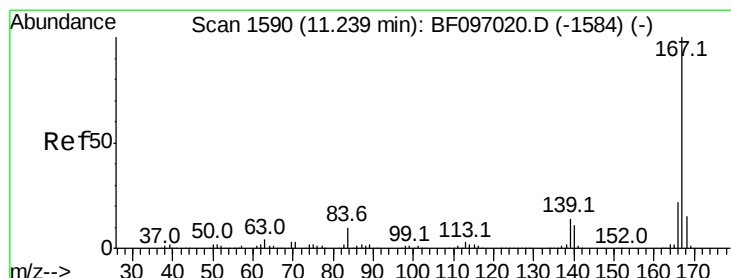
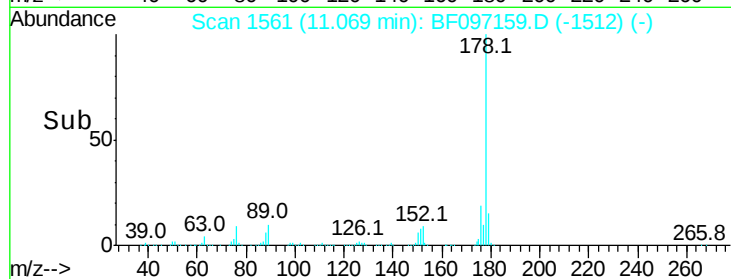
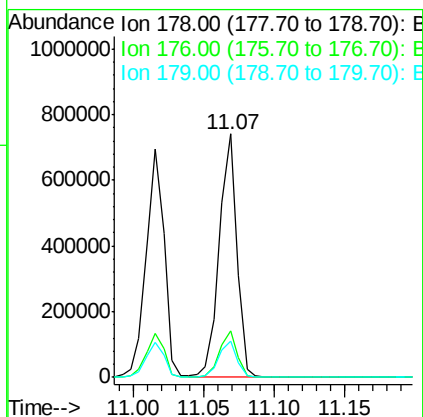
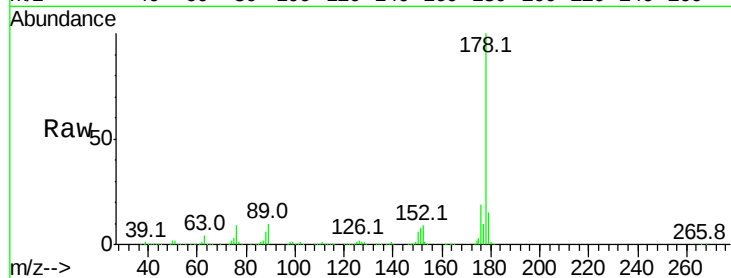
#71
 Anthracene
 Concen: 37.354 ng
 RT: 11.07 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF097159.D
 Acq: 28 Jul 2017 17:44

Instrument :
 BNA_F
 ClientSampleId :
 PB101003BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.0	12.7	19.1

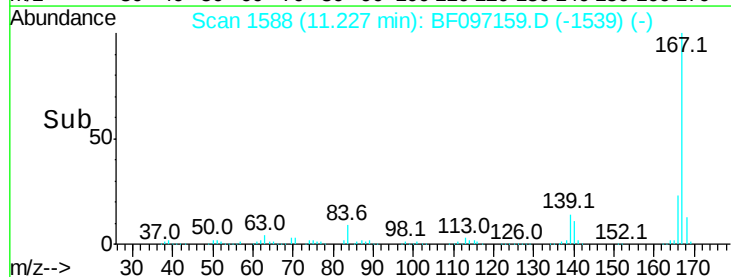
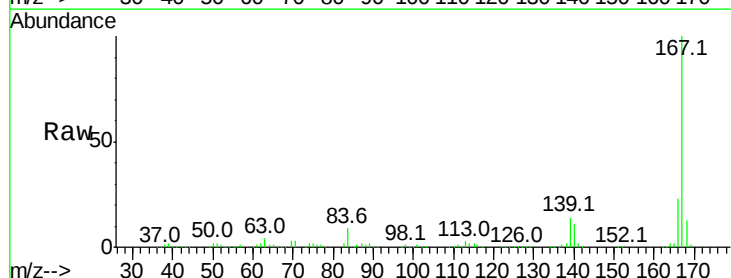
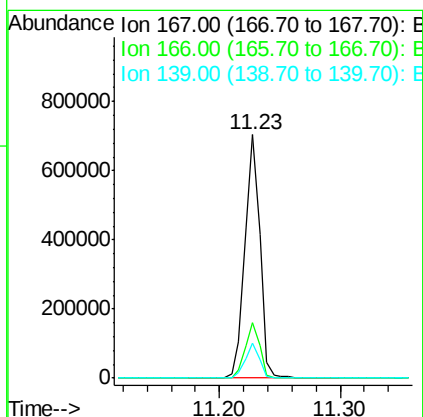
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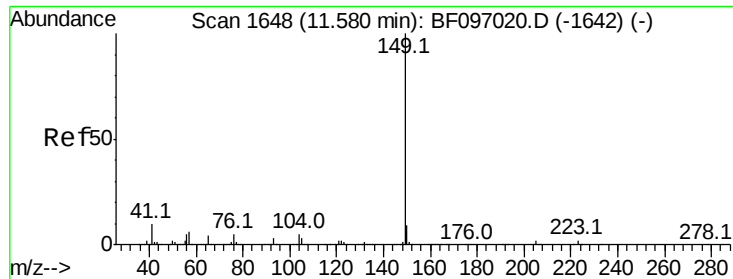
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#72
 Carbazole
 Concen: 36.216 ng
 RT: 11.23 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF097159.D
 Acq: 28 Jul 2017 17:44

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.1	27.1
139	14.2	11.7	17.5





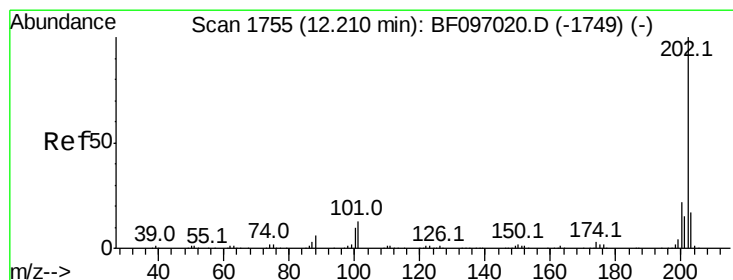
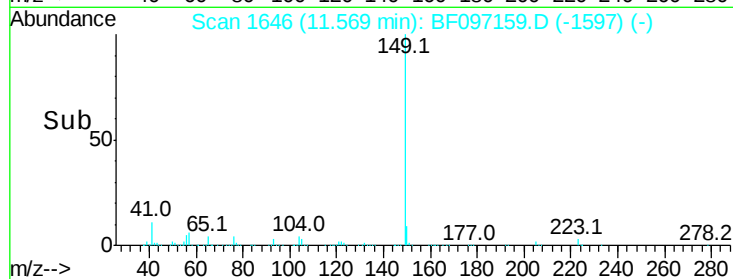
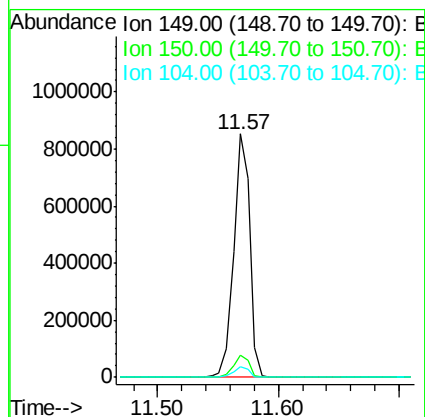
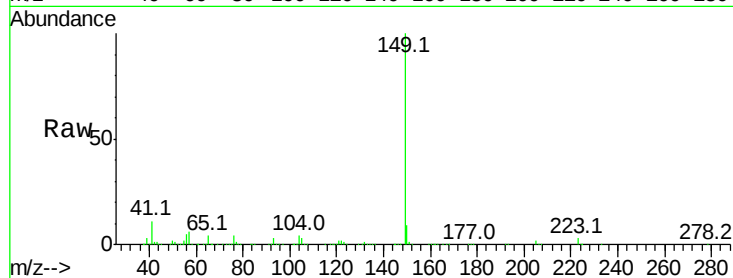
#73
Di-n-butylphthalate
Concen: 37.281 ng
RT: 11.57 min Scan# 1646
Delta R.T. -0.01 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Instrument :
BNA_F
ClientSampled :
PB101003BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.3	7.7	11.5	
104	4.5	4.0	6.0	

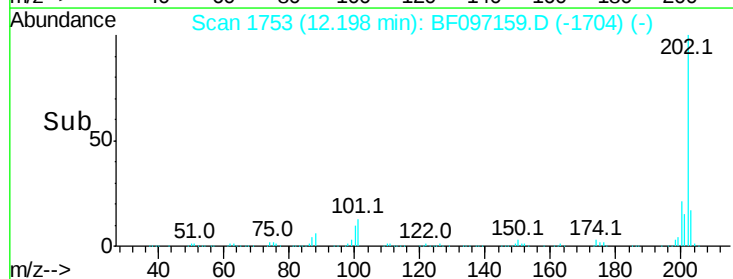
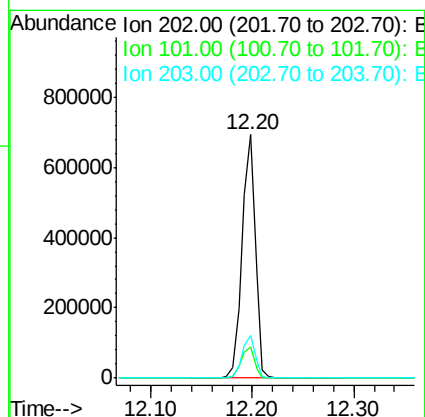
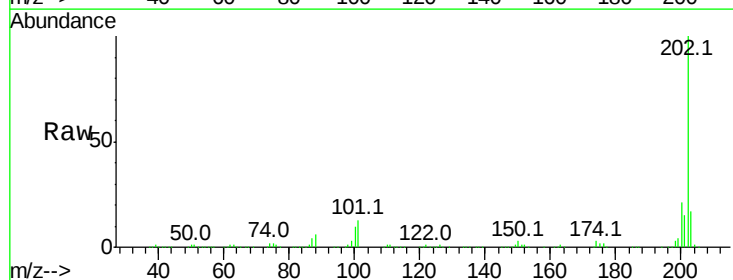
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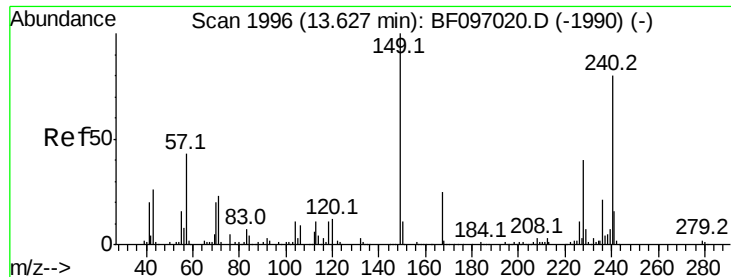
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#74
Fluoranthene
Concen: 37.922 ng
RT: 12.20 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	12.8	0.0	33.2	
203	17.4	0.0	38.1	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.62 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

Instrument :

BNA_F

ClientSampleId :

PB101003BS

Tot Ion:240 Resp: 218716

Ion Ratio Lower Upper

240 100

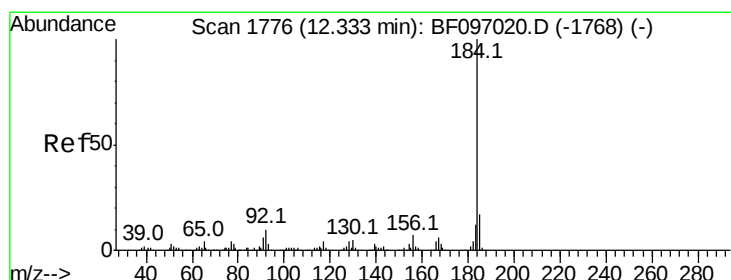
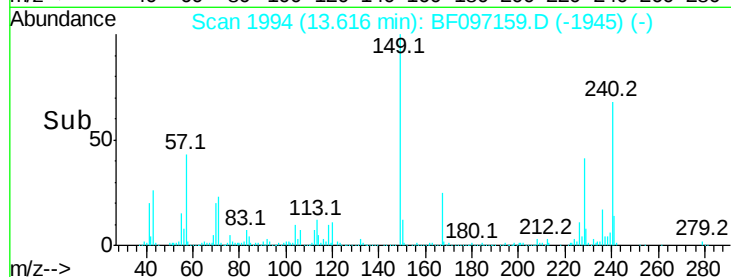
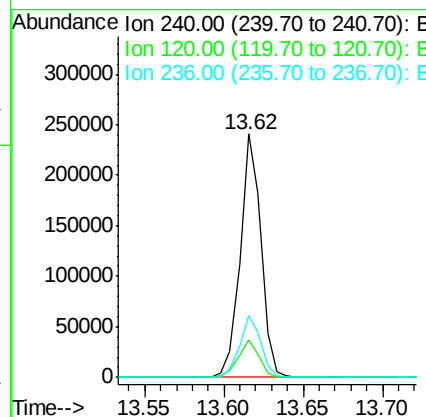
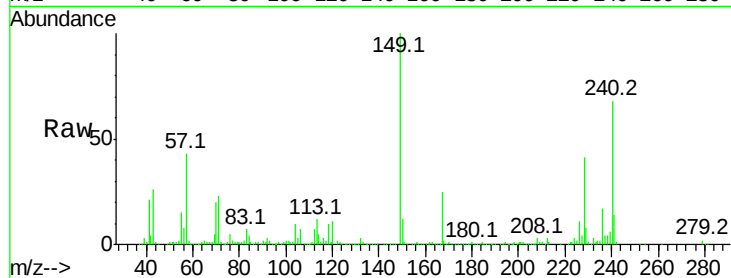
120 15.5 5.8 8.8#

236 25.3 20.5 30.7

Manual Integrations
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#76

Benzidine

Concen: 11.074 ng

RT: 12.32 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

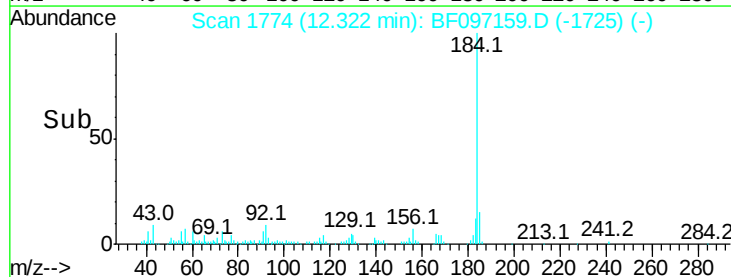
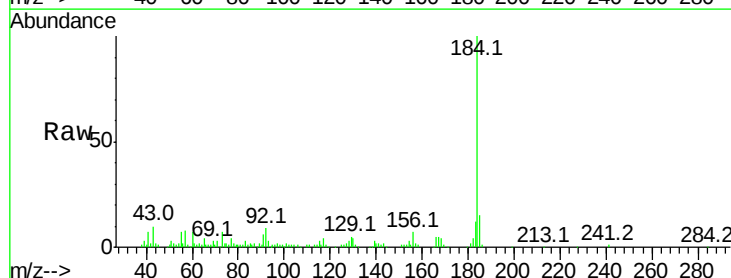
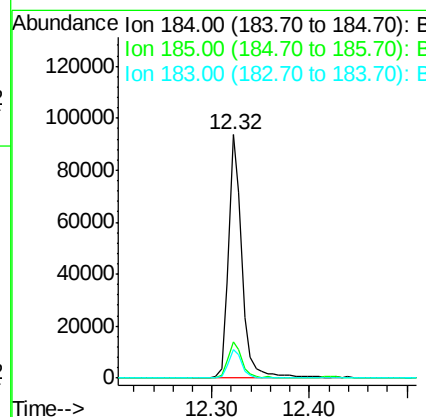
Tgt Ion:184 Resp: 89870

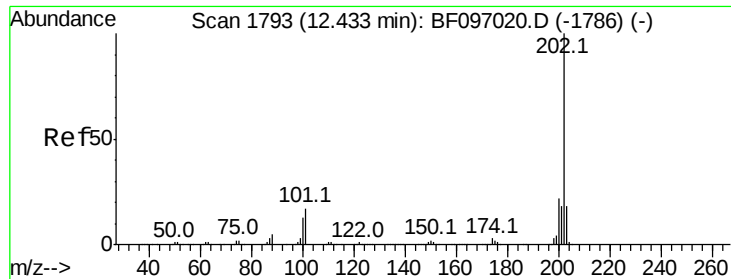
Ion Ratio Lower Upper

184 100

185 15.0 15.5 23.3#

183 11.8 9.8 14.6





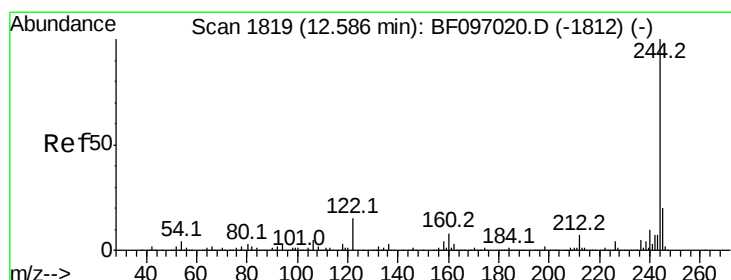
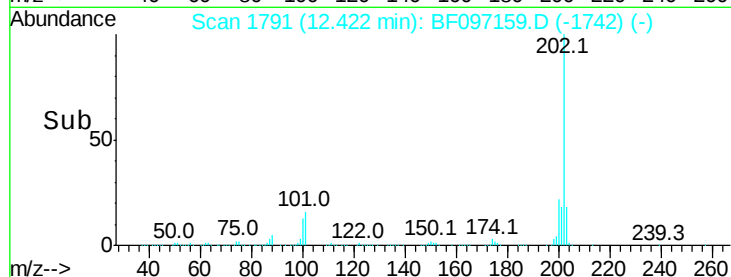
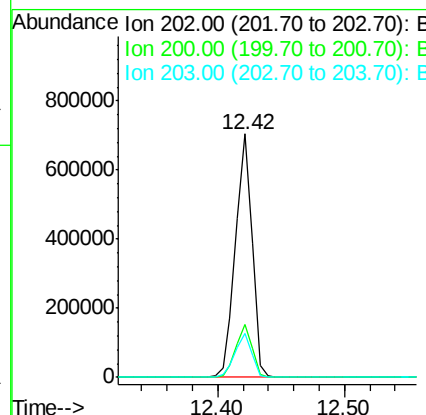
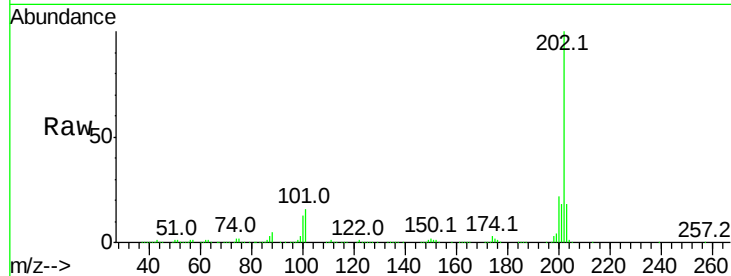
#77
Pvrene
Concen: 35.373 ng
RT: 12.42 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Instrument :
BNA_F
ClientSampleId :
PB101003BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.6	26.4
203	17.8	14.4	21.6

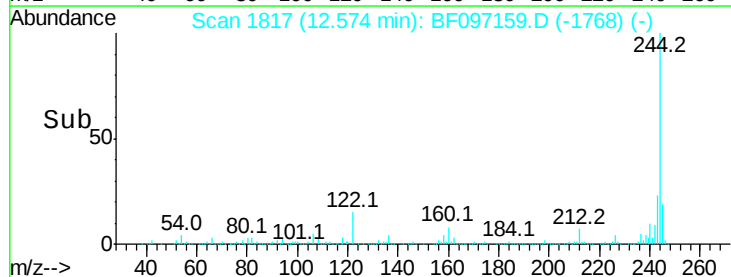
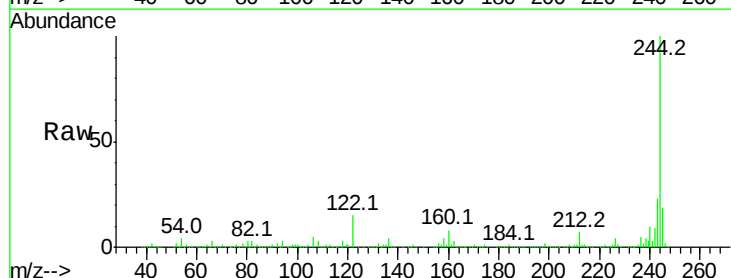
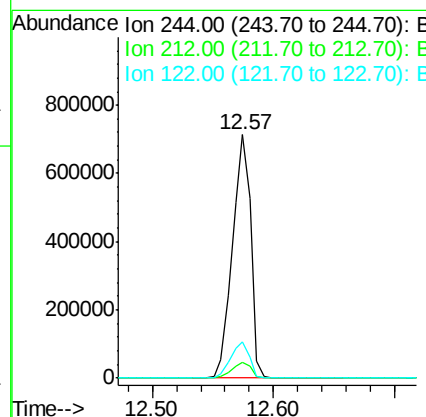
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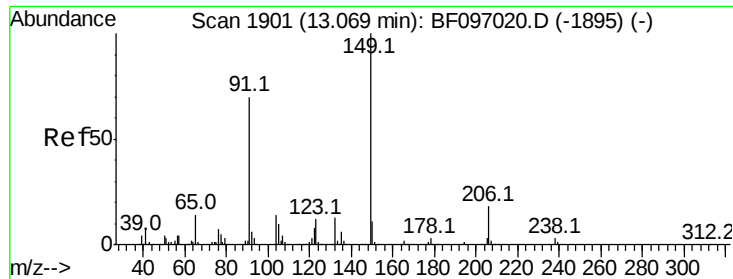
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#78
Terphenyl-d14
Concen: 69.724 ng
RT: 12.57 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	14.9	10.3	15.5





#79

Butylbenzylphthalate

Concen: 38.833 ng

RT: 13.05 min Scan# 1898

Delta R.T. -0.02 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

Instrument :

BNA_F

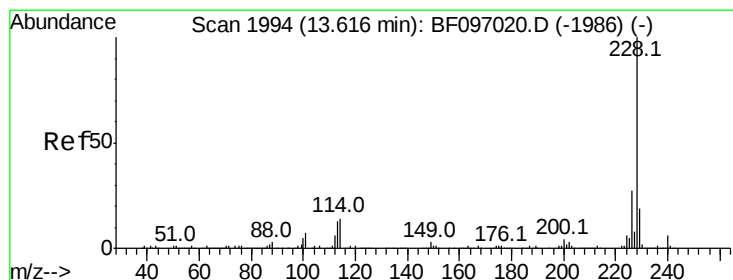
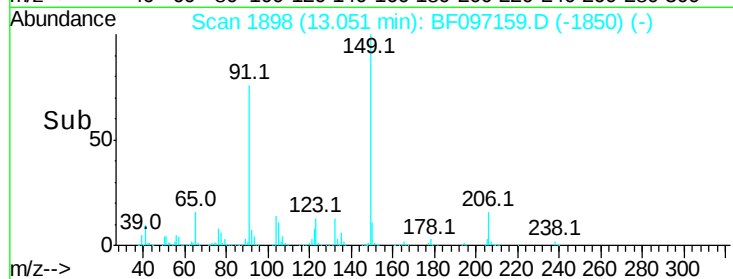
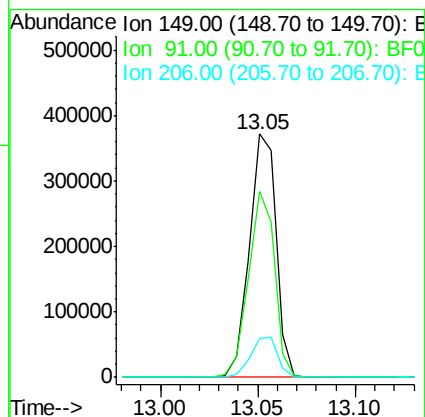
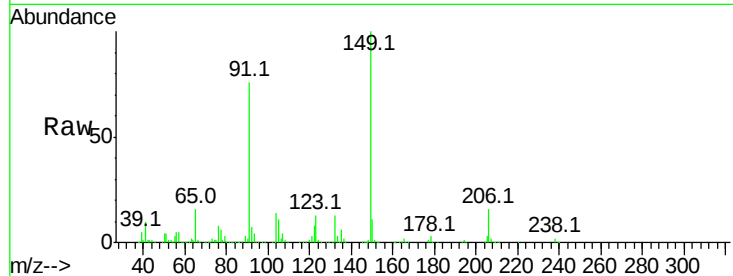
ClientSampleId :

PB101003BS

Tot Ion:	149	Resp:	353695
Ion Ratio	Lower	Upper	
149	100		
91	76.3	45.0	67.4#
206	15.9	17.0	25.6#

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#80

Benzo(a)anthracene

Concen: 36.106 ng

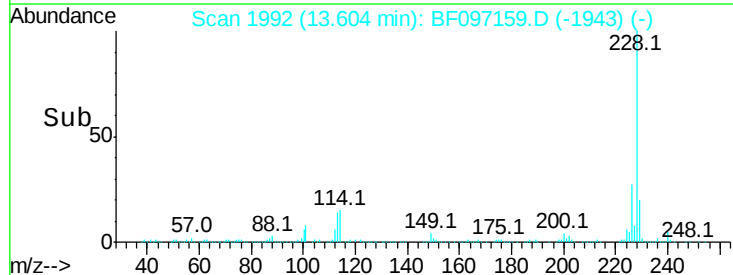
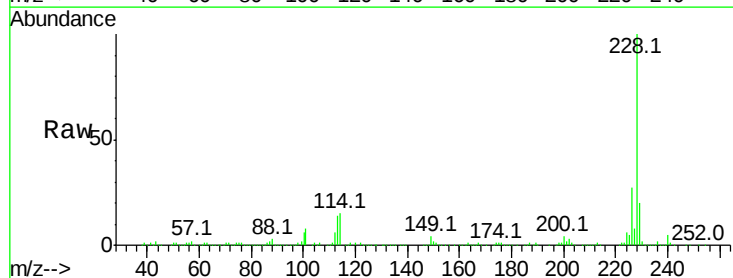
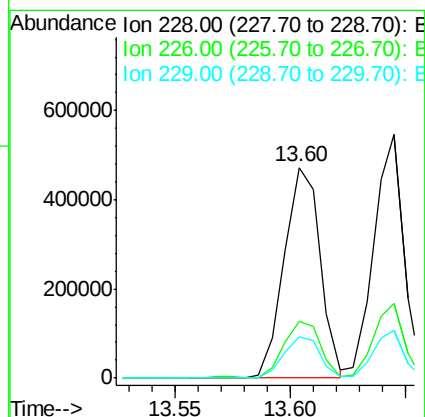
RT: 13.60 min Scan# 1992

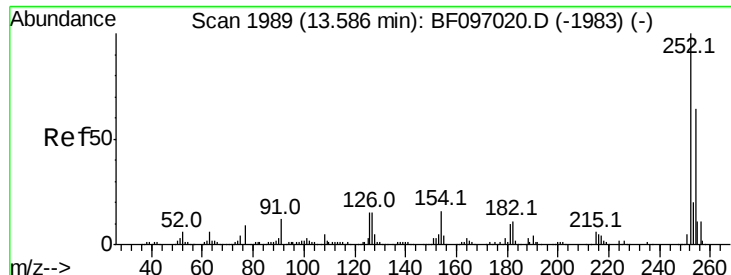
Delta R.T. -0.01 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

Tgt Ion:	228	Resp:	510968
Ion Ratio	Lower	Upper	
228	100		
226	27.2	22.6	33.8
229	19.8	16.3	24.5





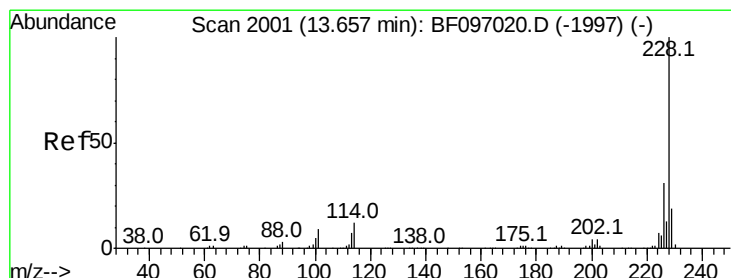
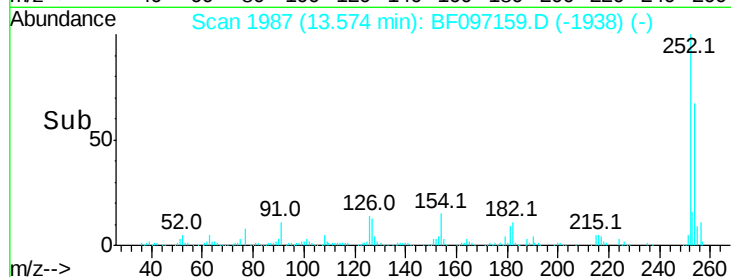
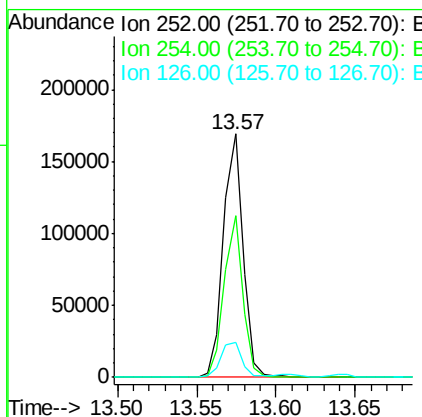
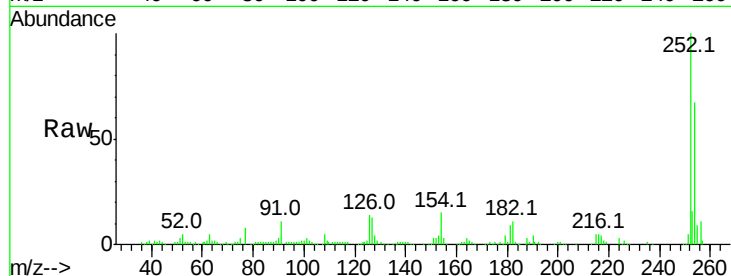
#81
 3,3'-Dichlorobenzidine
 Concen: 27.489 ng
 RT: 13.57 min Scan# 1987
 Delta R.T. -0.01 min
 Lab File: BF097159.D
 Acq: 28 Jul 2017 17:44

Instrument :
 BNA_F
 ClientSampleId :
 PB101003BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	66.6	51.5	77.3
126	14.4	15.8	23.8

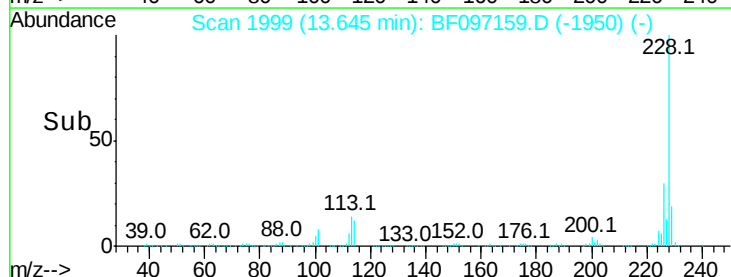
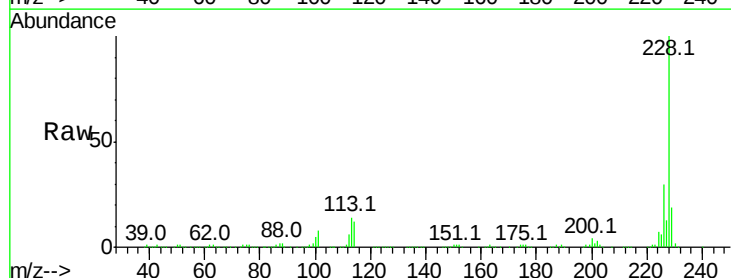
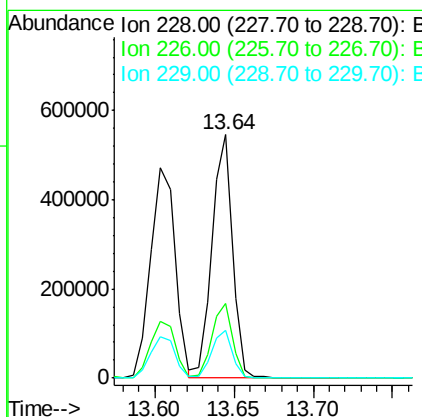
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#82
 Chrysene
 Concen: 35.573 ng
 RT: 13.64 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BF097159.D
 Acq: 28 Jul 2017 17:44

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.5	24.9	37.3
229	19.4	15.8	23.6





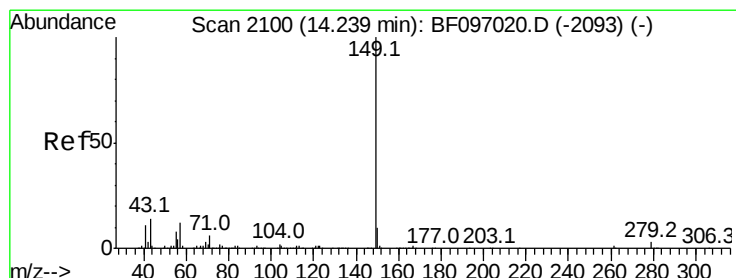
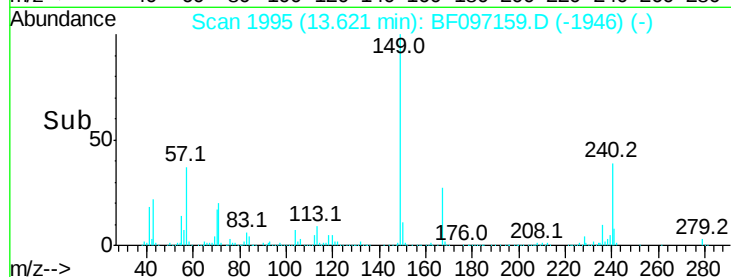
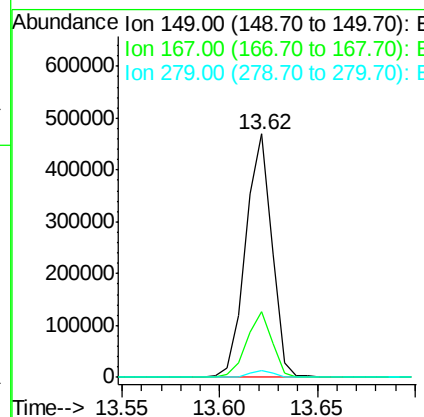
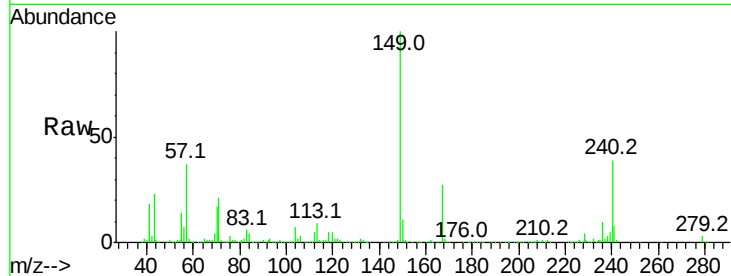
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.643 ng
 RT: 13.62 min Scan# 1995
 Delta R.T. -0.01 min
 Lab File: BF097159.D
 Acq: 28 Jul 2017 17:44

Instrument :
 BNA_F
 ClientSampleId :
 PB101003BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	26.9	21.0	31.4	
279	2.7	1.9	2.9	

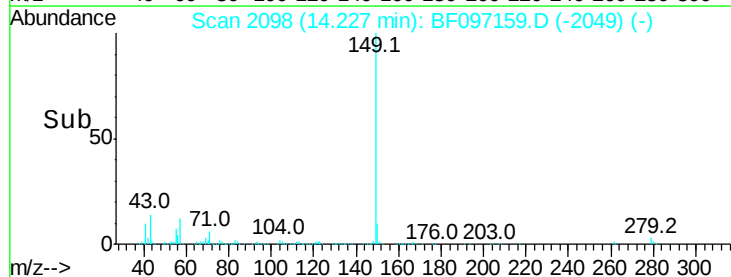
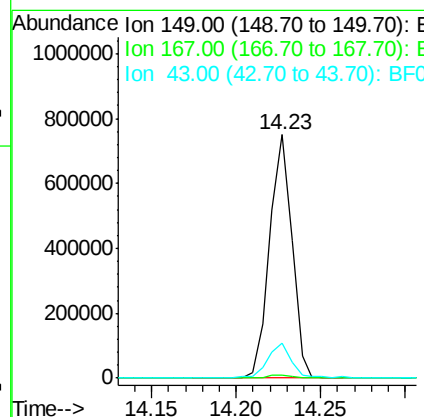
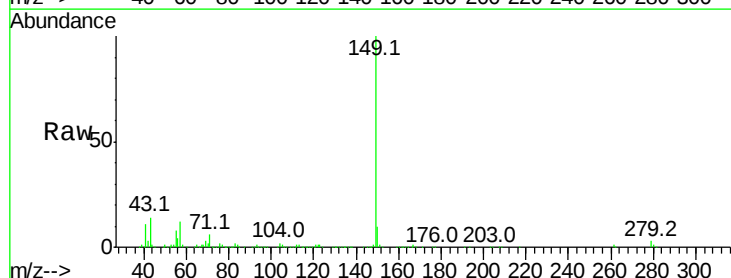
Manual Integrations
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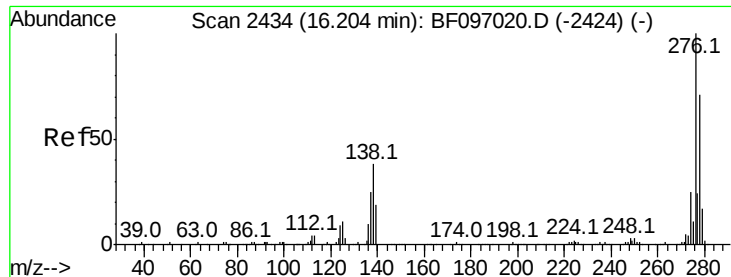
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#84
 Di-n-octyl phthalate
 Concen: 31.598 ng
 RT: 14.23 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BF097159.D
 Acq: 28 Jul 2017 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	1.2	1.8	
43	14.4	8.5	12.7	





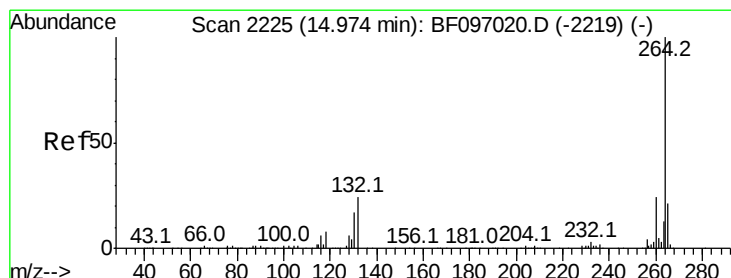
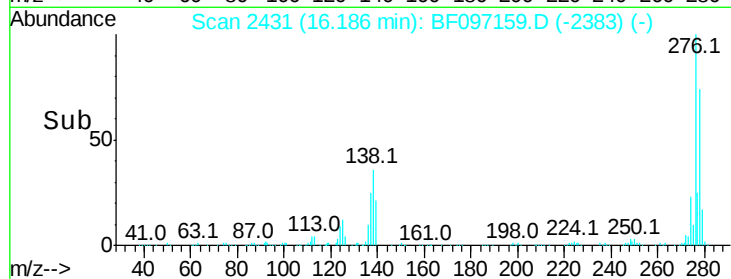
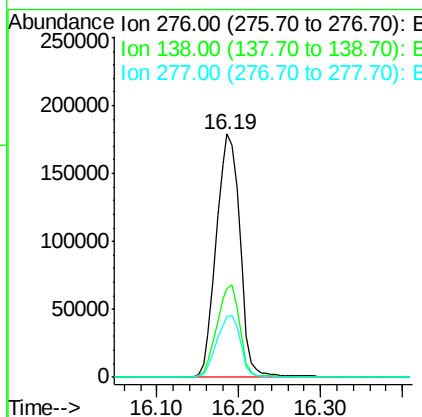
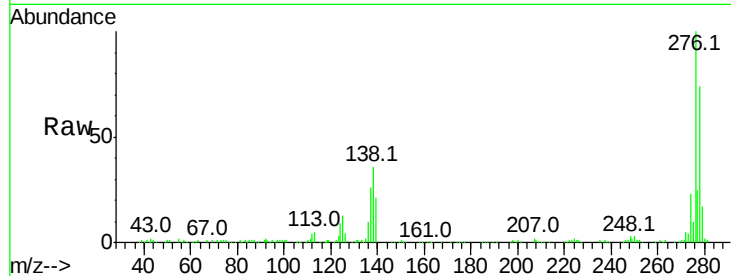
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 30.627 ng
 RT: 16.19 min Scan# 2431
 Delta R.T. -0.02 min
 Lab File: BF097159.D
 Acq: 28 Jul 2017 17:44

Instrument :
 BNA_F
 ClientSampleId :
 PB101003BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	36.7	27.8	41.6
277	25.5	20.2	30.4

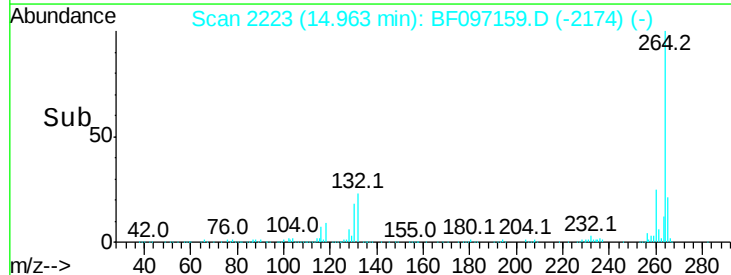
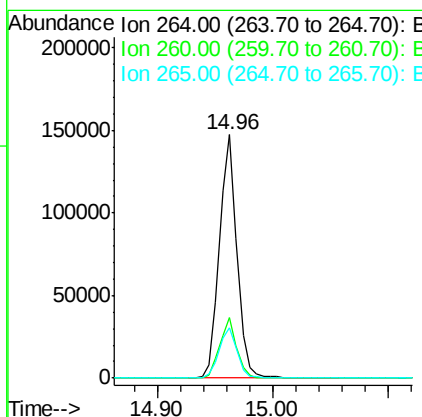
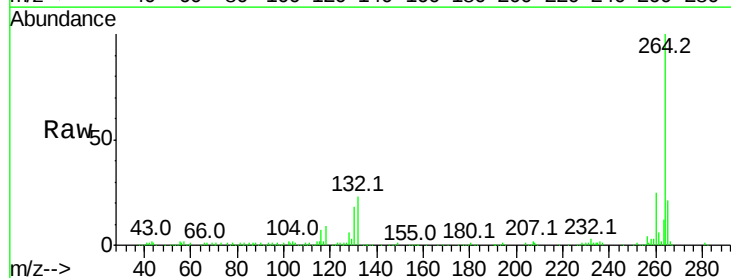
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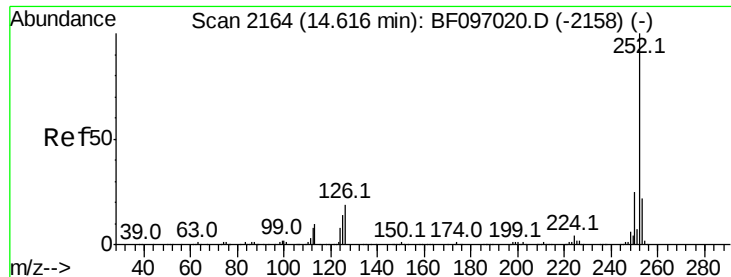
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.96 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF097159.D
 Acq: 28 Jul 2017 17:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	20.9	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 38.598 ng

RT: 14.60 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

Instrument :

BNA_F

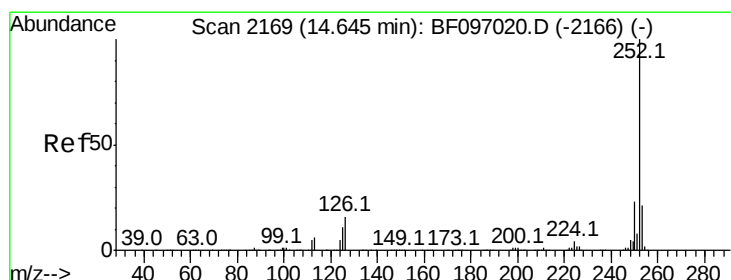
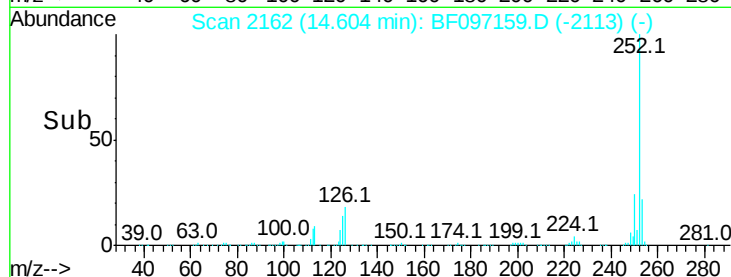
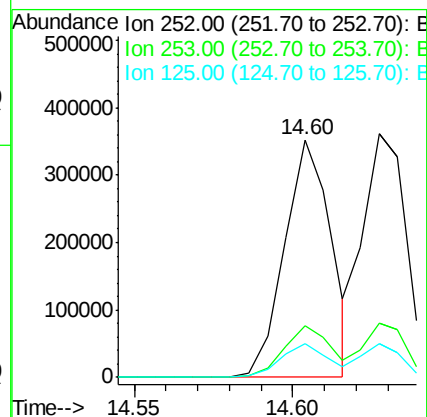
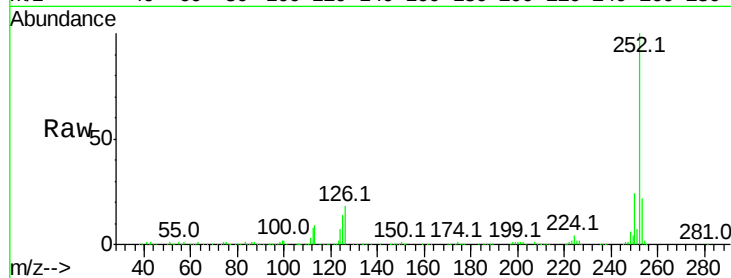
ClientSampleId :

PB101003BS

Tot Ion:	252	Resp:	361064
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.1	27.1
125	14.0	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 39.458 ng

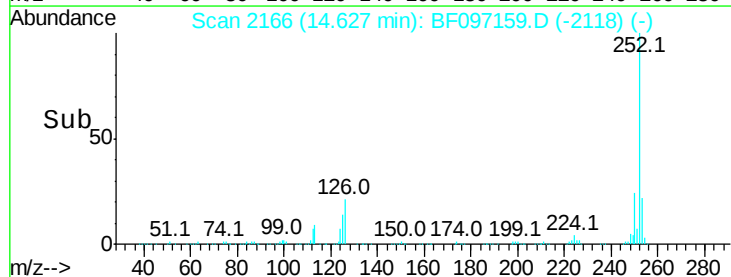
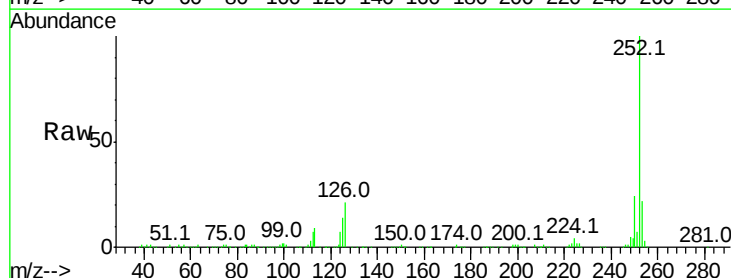
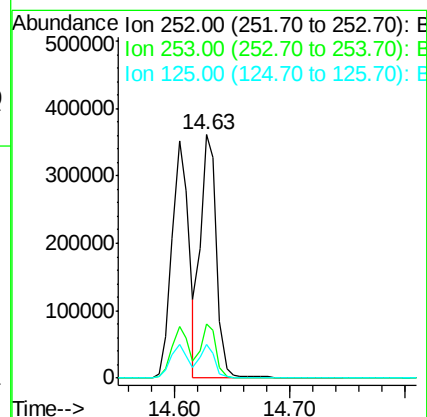
RT: 14.63 min Scan# 2166

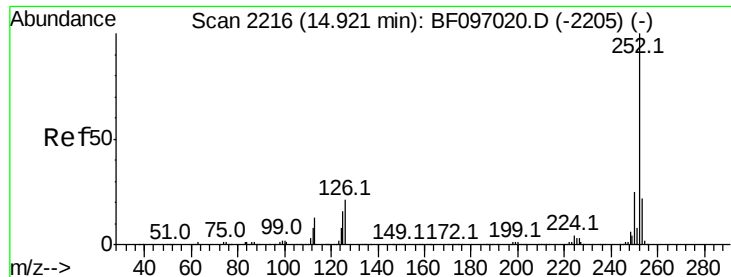
Delta R.T. -0.02 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

Tgt Ion:	252	Resp:	351724
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.4	27.6
125	14.0	13.1	19.7





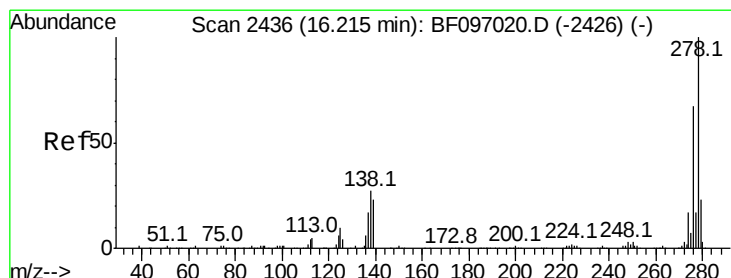
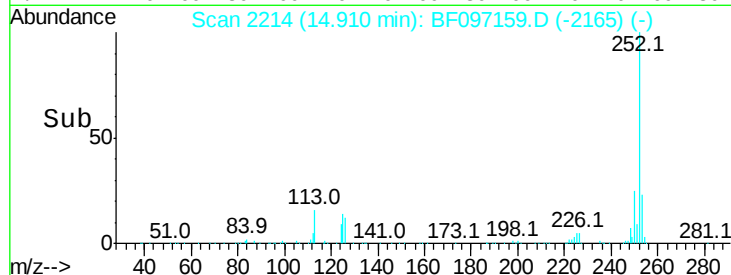
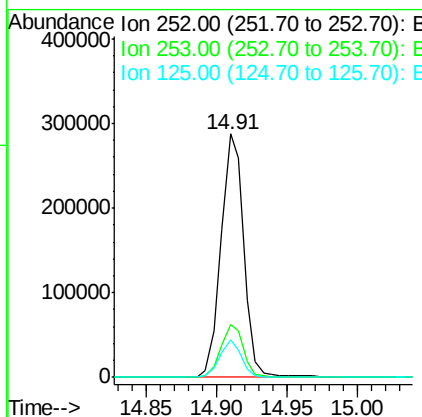
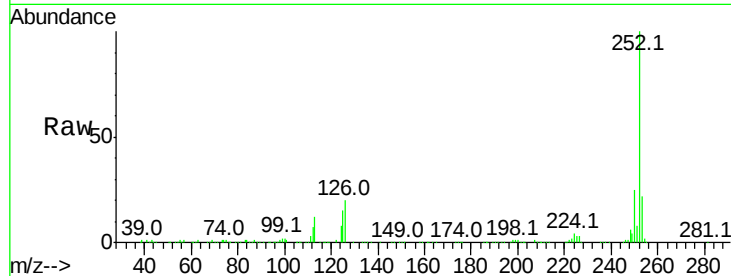
#89
Benzo(a)pyrene
Concen: 37.686 ng
RT: 14.91 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Instrument :
BNA_F
ClientSampleId :
PB101003BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	15.4	11.0	16.4

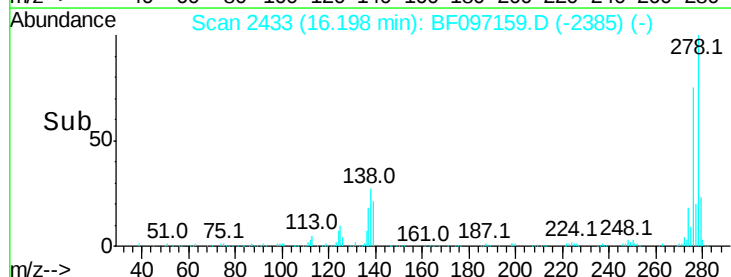
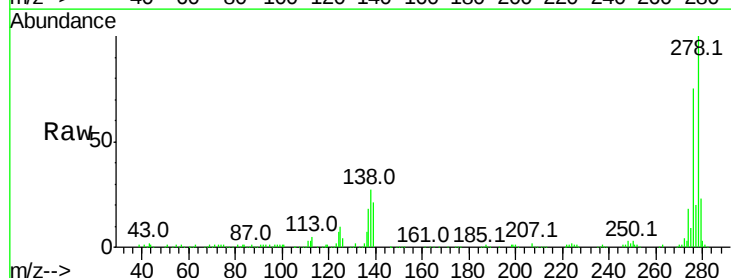
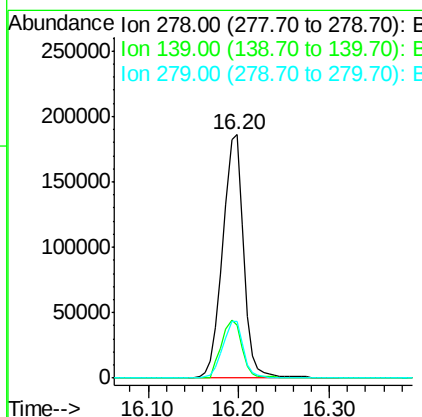
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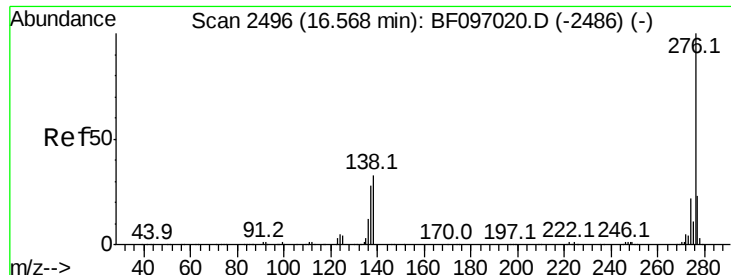
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#90
Dibenzo(a,h)anthracene
Concen: 42.550 ng
RT: 16.20 min Scan# 2433
Delta R.T. -0.02 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.5	16.6	24.8
279	23.2	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 44.256 ng

RT: 16.55 min Scan# 2493

Delta R.T. -0.02 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

Instrument :

BNA_F

ClientSampleId :

PB101003BS

Tot Ion: 276 Resp: 325828

Ion Ratio Lower Upper

276 100

277 22.5 18.6 28.0

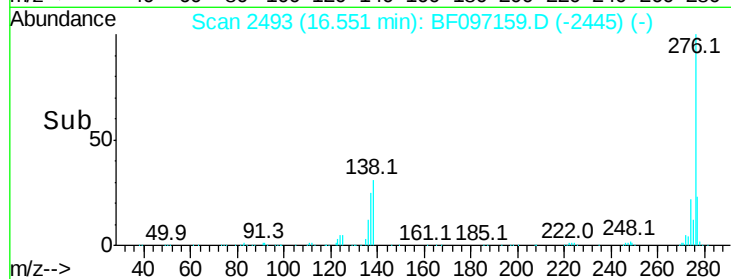
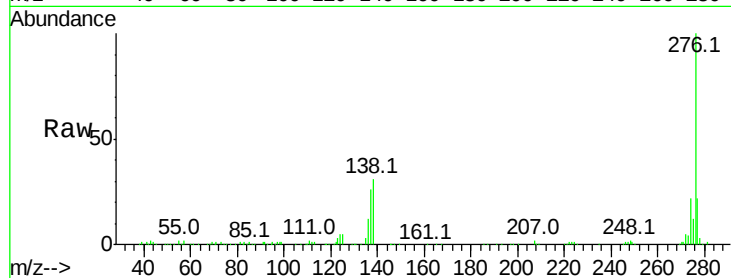
138 30.9 25.4 38.0

Manual Integrations

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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

