

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081917\
 Data File : BF097874.D
 Acq On : 19 Aug 2017 13:07
 Operator : SJ/JU
 Sample : PB101621BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101621BS

Manual Integrations
 APPROVED

Sohil
 8/21/2017 5:19:46 PM

Quant Time: Aug 21 04:07:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	132784	20.00	ng	-0.02
21) Naphthalene-d8	8.05	136	557852	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	268321	20.00	ng	-0.02
63) Phenanthrene-d10	11.28	188	543299	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	374745	20.00	ng	-0.02
86) Perylene-d12	15.33	264	267227	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	1112799	127.47	ng	0.00
7) Phenol-d6	6.40	99	1529036	128.91	ng	0.00
23) Nitrobenzene-d5	7.33	82	989484	96.36	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	341732	146.78	ng	-0.02
44) 2-Fluorobiphenyl	9.13	172	1536090	84.11	ng	-0.02
78) Terphenyl-d14	12.87	244	1394941	77.62	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	171906	35.310	ng	93
3) Pyridine	3.25	79	512298	38.064	ng	87
4) n-Nitrosodimethylamine	3.21	42	208032	40.171	ng	82
6) Aniline	6.43	93	518673	31.128	ng	98
8) 2-Chlorophenol	6.55	128	398627	43.299	ng	97
9) Benzaldehyde	6.31	77	164424	21.886	ng	89
10) Phenol	6.42	94	562777	40.569	ng	98
11) bis(2-Chloroethyl)ether	6.50	93	439307	41.958	ng	95
12) 1,3-Dichlorobenzene	6.70	146	389985	39.381	ng	# 93
13) 1,4-Dichlorobenzene	6.78	146	394320	39.152	ng	94
14) 1,2-Dichlorobenzene	6.93	146	363911	39.187	ng	99
15) Benzyl Alcohol	6.90	79	404522	45.553	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.04	45	597234	42.395	ng	91
17) 2-Methylphenol	7.02	107	374094	46.110	ng	95
18) Hexachloroethane	7.27	117	163909	41.510	ng	# 81
19) n-Nitroso-di-n-propylamine	7.19	70	335037	41.263	ng	89
20) 3+4-Methylphenols	7.17	107	435960	43.996	ng	96
22) Acetophenone	7.17	105	585110	39.703	ng	# 92
24) Nitrobenzene	7.35	77	520846	45.553	ng	92
25) Isophorone	7.59	82	991853	46.451	ng	97
26) 2-Nitrophenol	7.66	139	211245	50.668	ng	# 79
27) 2,4-Dimethylphenol	7.70	122	392161	44.037	ng	95
28) bis(2-Chloroethoxy)methane	7.80	93	606510	43.205	ng	98
29) 2,4-Dichlorophenol	7.90	162	345400	46.725	ng	93
30) 1,2,4-Trichlorobenzene	7.99	180	329893	40.257	ng	99
31) Naphthalene	8.07	128	1161442	40.104	ng	99
32) Benzoic acid	7.83	122	219605	35.734	ng	90
33) 4-Chloroaniline	8.12	127	325541	26.653	ng	99
34) Hexachlorobutadiene	8.19	225	190424	39.799	ng	98
35) Caprolactam	8.50	113	127302m	50.656	ng	
36) 4-Chloro-3-methylphenol	8.60	107	438321	46.151	ng	# 79
37) 2-Methylnaphthalene	8.76	142	790766	44.536	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	309983	37.644	ng	# 97
40) Hexachlorocyclopentadiene	8.91	237	369750	93.465	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	248353	44.922	nq	96
43) 2,4,5-Trichlorophenol	9.08	196	260521	47.499	nq	96
45) 1,1'-Biphenyl	9.22	154	949790	38.817	nq	96
46) 2-Chloronaphthalene	9.25	162	698491	38.635	nq	# 91
47) 2-Nitroaniline	9.35	65	297295	49.052	nq	97
48) Acenaphthylene	9.66	152	1171145	41.251	nq	100
49) Dimethylphthalate	9.53	163	905369	46.161	nq	99
50) 2,6-Dinitrotoluene	9.59	165	193705	49.477	nq	# 49
51) Acenaphthene	9.83	154	700892	39.144	nq	99
52) 3-Nitroaniline	9.76	138	169851	33.626	nq	90
53) 2,4-Dinitrophenol	9.86	184	153588	82.158	nq	# 77
54) Dibenzofuran	10.00	168	1057350	44.061	nq	99
55) 4-Nitrophenol	9.93	139	360634	89.501	nq	# 49
56) 2,4-Dinitrotoluene	9.99	165	255880	52.080	nq	# 51
57) Fluorene	10.35	166	769088	41.452	nq	96
58) 2,3,4,6-Tetrachlorophenol	10.12	232	216051	50.878	nq	95
59) Diethylphthalate	10.23	149	954578	46.541	nq	100
60) 4-Chlorophenyl-phenylether	10.34	204	362595	42.067	nq	91
61) 4-Nitroaniline	10.37	138	222713	46.391	nq	# 69
62) Azobenzene	10.50	77	1128788	46.331	nq	95
64) 4,6-Dinitro-2-methylphenol	10.40	198	112065	44.505	nq	90
65) n-Nitrosodiphenylamine	10.46	169	748412	40.453	nq	98
66) 4-Bromophenyl-phenylether	10.83	248	243337	43.131	nq	100
67) Hexachlorobenzene	10.89	284	231202	40.206	nq	# 85
68) Atrazine	10.99	200	234040	47.700	nq	98
69) Pentachlorophenol	11.09	266	252245	75.233	nq	98
70) Phenanthrene	11.31	178	1156376	39.943	nq	100
71) Anthracene	11.36	178	1210100	41.210	nq	99
72) Carbazole	11.52	167	1134954	40.719	nq	98
73) Di-n-butylphthalate	11.85	149	1504025	46.847	nq	99
74) Fluoranthene	12.49	202	1245434	41.215	nq	99
76) Benzidine	12.61	184	320480m	26.083	nq	
77) Pyrene	12.72	202	1271714	41.492	nq	99
79) Butylbenzylphthalate	13.34	149	628704	53.501	nq	# 70
80) Benzo(a)anthracene	13.90	228	899512	40.050	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	263783	34.805	nq	# 96
82) Chrysene	13.94	228	925184	41.409	nq	99
83) Bis(2-ethylhexyl)phthalate	13.90	149	726955	55.827	nq	# 99
84) Di-n-octyl phthalate	14.51	149	1326857	58.562	nq	99
85) Indeno(1,2,3-cd)pyrene	16.72	276	691983	42.102	nq	94
87) Benzo(b)fluoranthene	14.93	252	736810	43.743	nq	98
88) Benzo(k)fluoranthene	14.96	252	693741	43.838	nq	# 94
89) Benzo(a)pyrene	15.27	252	667714	44.778	nq	98
90) Dibenzo(a,h)anthracene	16.74	278	572781	47.182	nq	98
91) Benzo(g,h,i)perylene	17.14	276	590164	46.591	nq	# 92

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

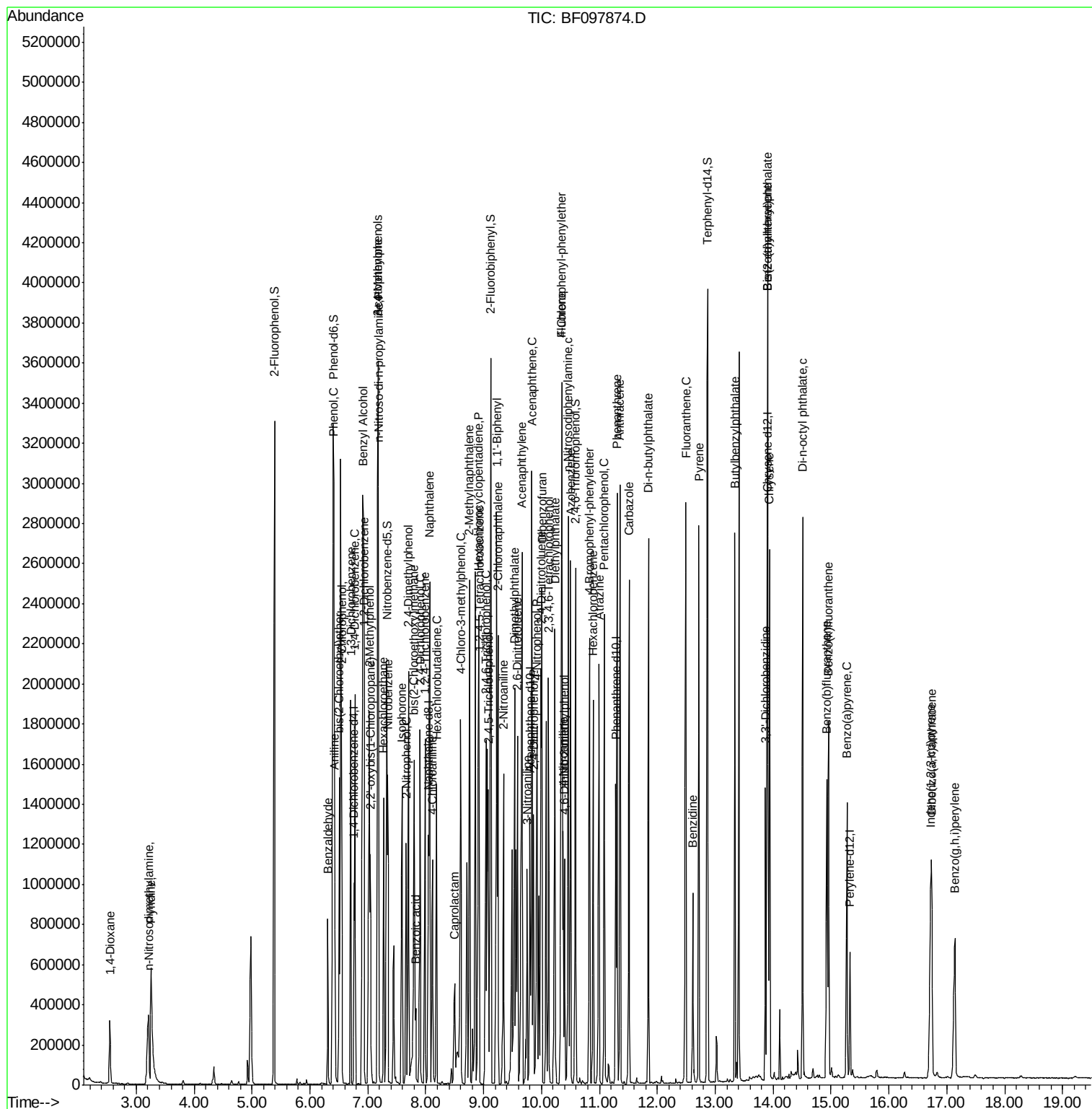
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Operator  : SJ/JU
Sample    : PB101621BS
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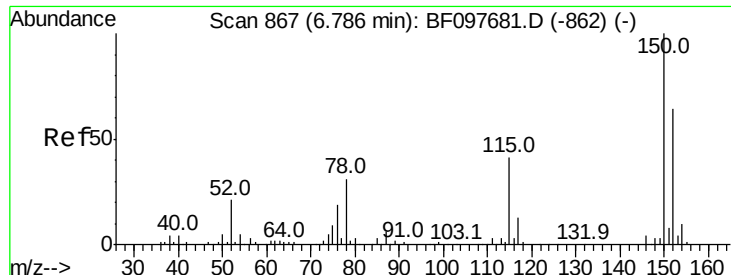
Instrument :
BNA_F
ClientSampleId :
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#1

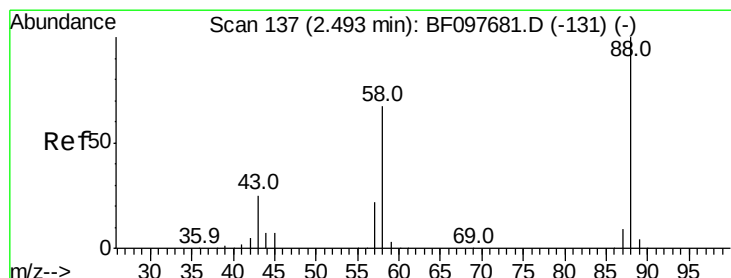
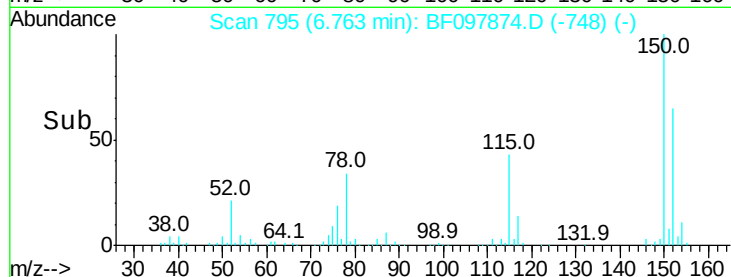
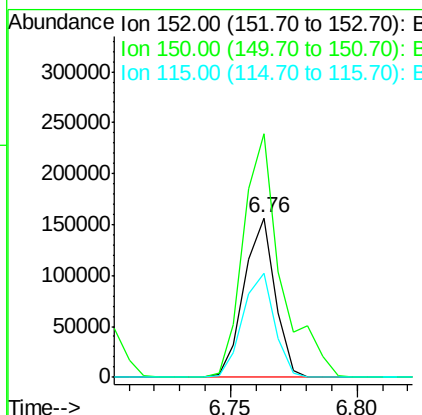
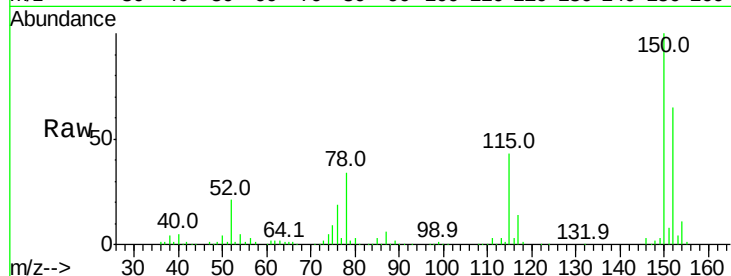
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.02 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

Instrument :
BNA_F
ClientSampleId :
PB101621BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	126.2	189.2
115	65.5	52.2	78.2

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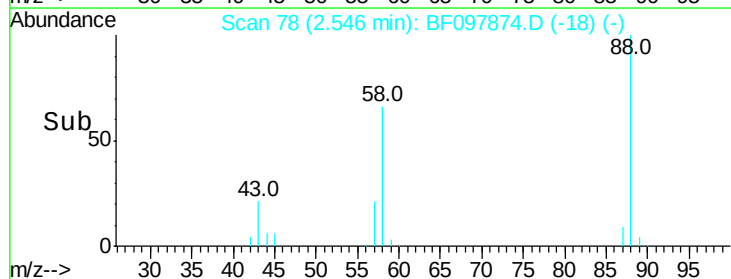
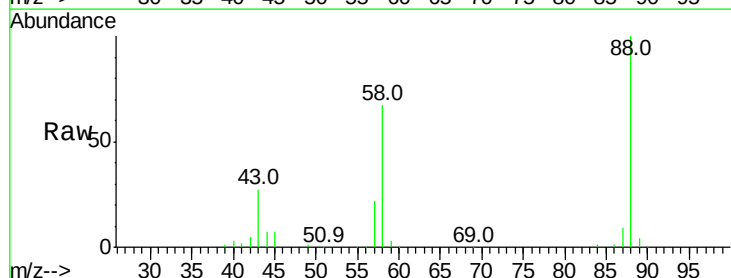
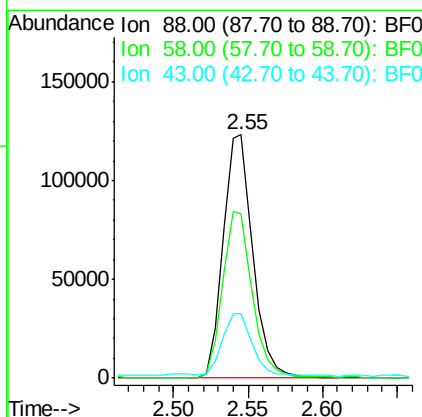
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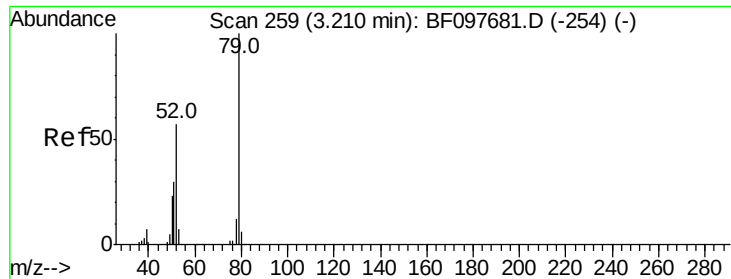


#2

1,4-Dioxane
Concen: 35.310 ng
RT: 2.55 min Scan# 78
Delta R.T. 0.05 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.7	61.4	92.0
43	26.8	23.4	35.0





#3

Pvridine

Concen: 38.064 ng

RT: 3.25 min Scan# 198

Delta R.T. 0.04 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

Instrument :

BNA_F

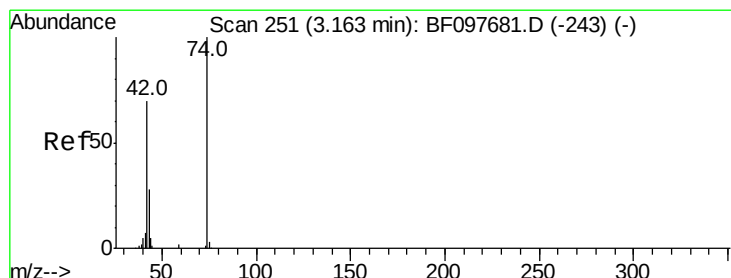
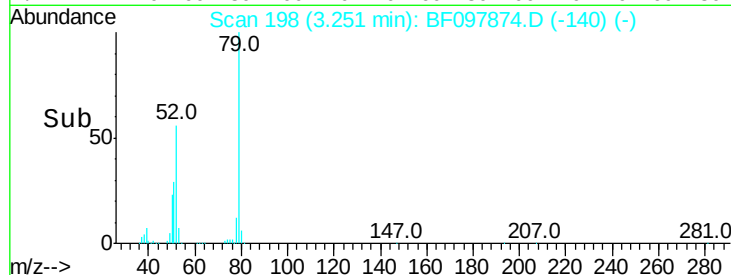
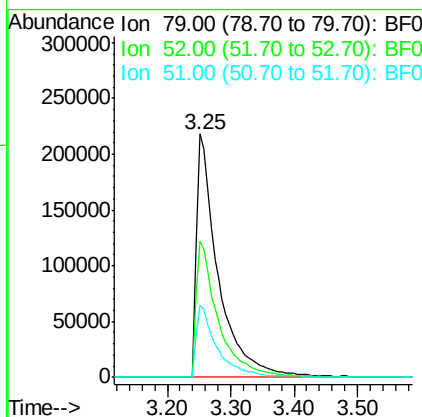
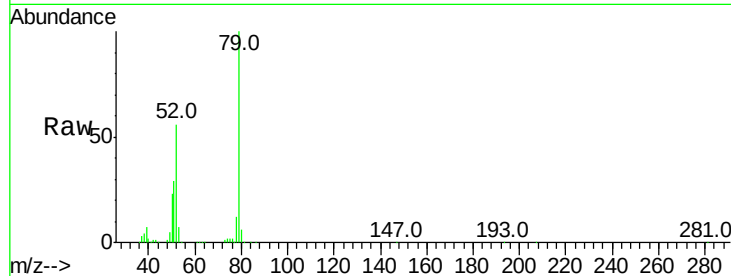
ClientSampleId :

PB101621BS

Tot Ion:	79	Resp:	512298
Ion Ratio	Lower	Upper	
79	100		
52	55.8	54.8	82.2
51	29.4	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 40.171 ng

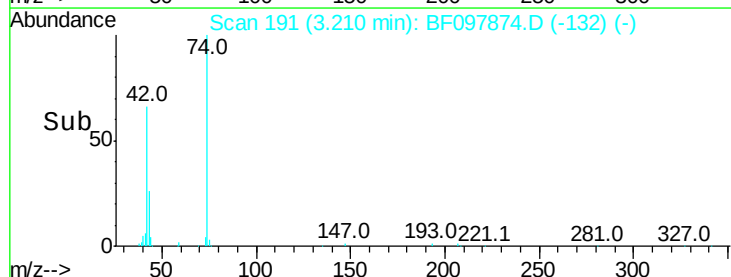
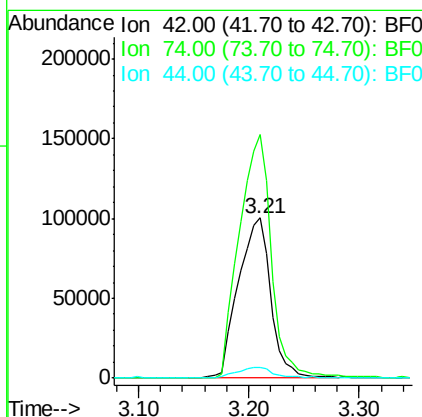
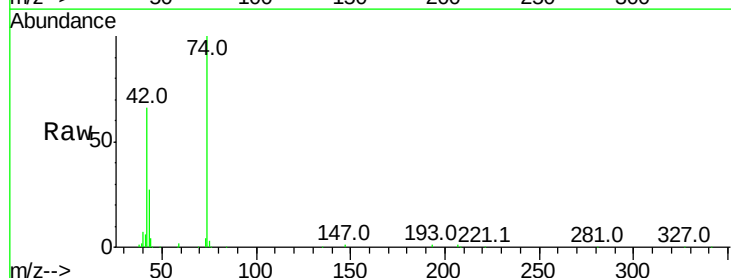
RT: 3.21 min Scan# 191

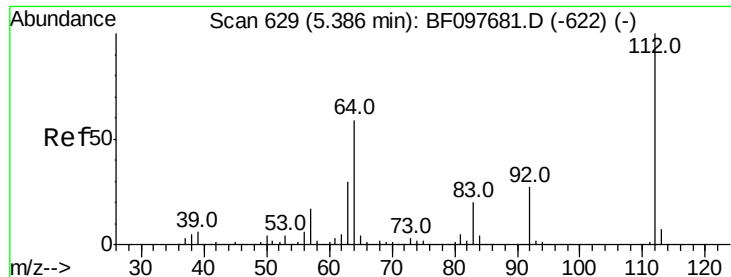
Delta R.T. 0.05 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

Tgt Ion:	42	Resp:	208032
Ion Ratio	Lower	Upper	
42	100		
74	152.0	103.9	155.9
44	6.7	5.7	8.5





#5

2-Fluorophenol

Concen: 127.474 ng

RT: 5.39 min Scan# 561

Delta R.T. 0.00 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

Instrument :

BNA_F

ClientSampleId :

PB101621BS

Tot Ion:112 Resp: 1112799

Ion Ratio Lower Upper

112 100

64 57.2 46.0 69.0

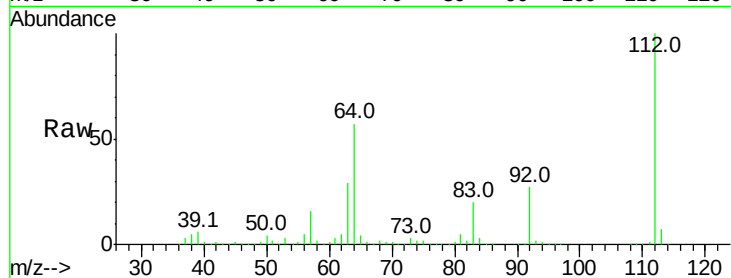
63 29.3 23.4 35.0

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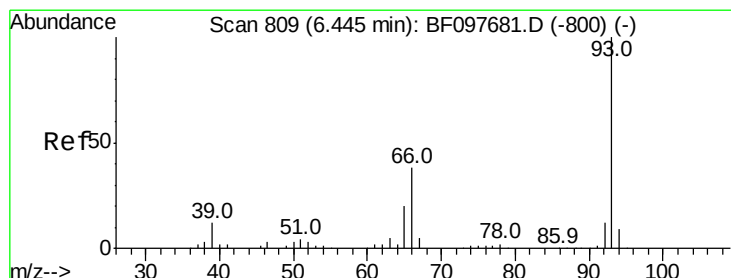
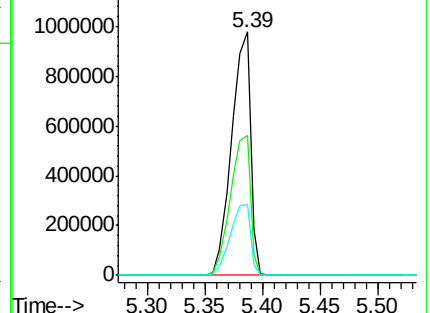
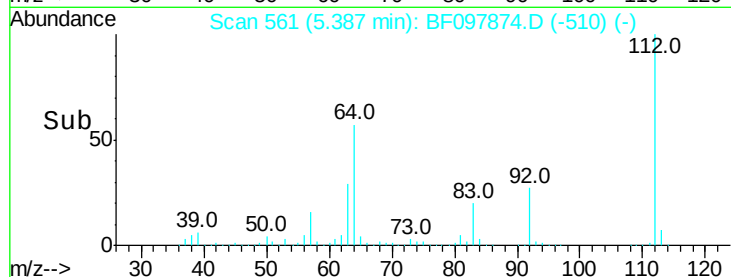
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Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 31.128 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

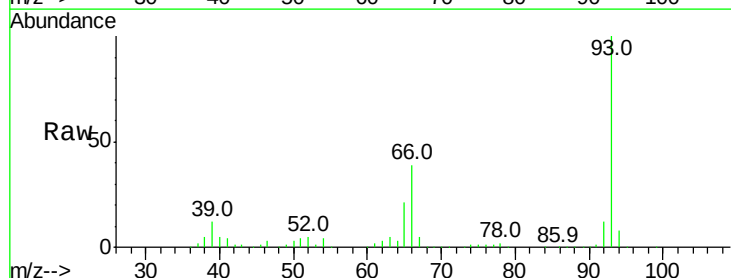
Tgt Ion: 93 Resp: 518673

Ion Ratio Lower Upper

93 100

66 39.4 32.9 49.3

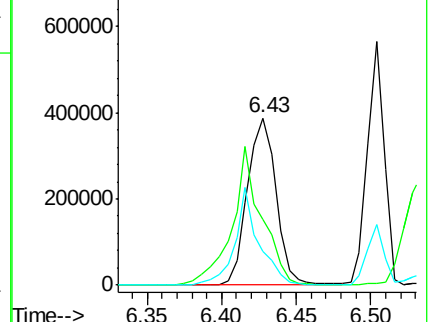
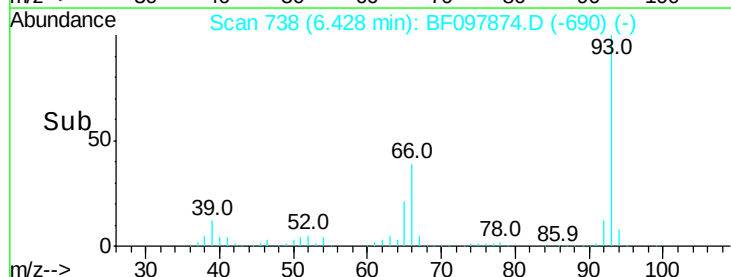
65 20.5 16.0 24.0

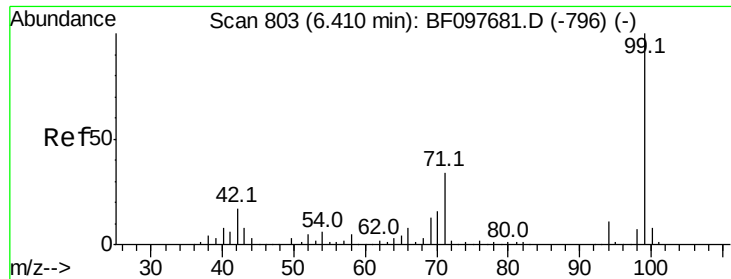


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 128.912 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

Instrument :

BNA_F

ClientSampled :

PB101621BS

Tot Ion: 99 Resp: 1529036

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

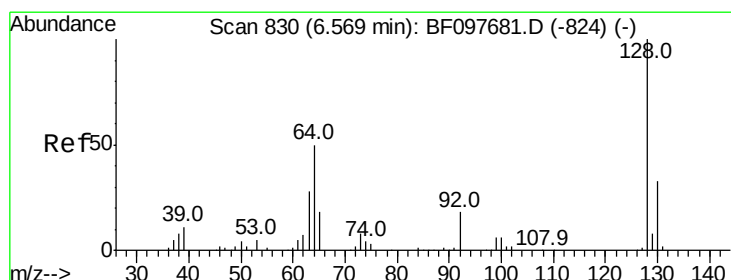
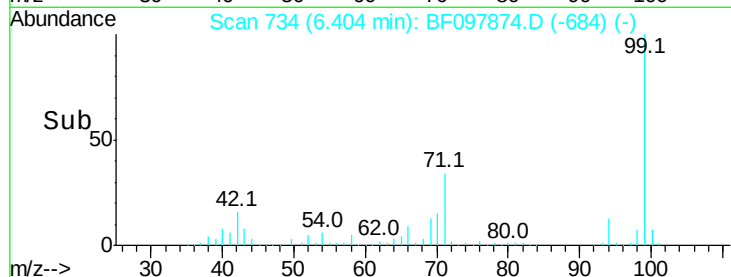
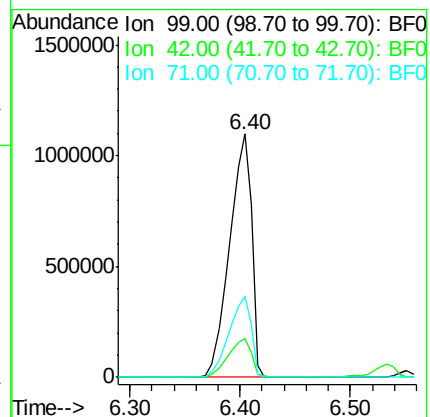
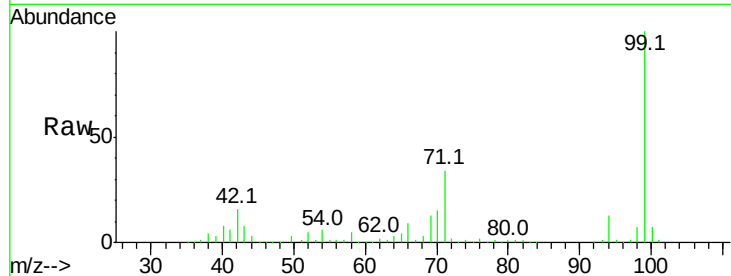
71 33.6 24.5 36.7

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#8

2-Chlorophenol

Concen: 43.299 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.02 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

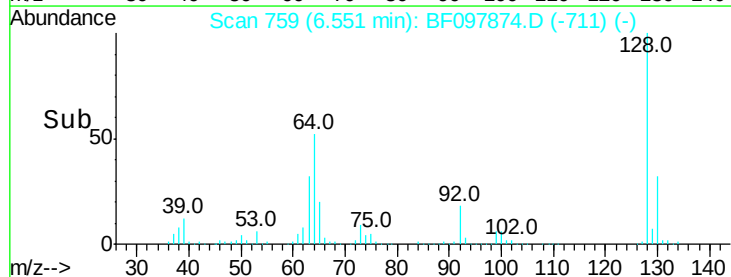
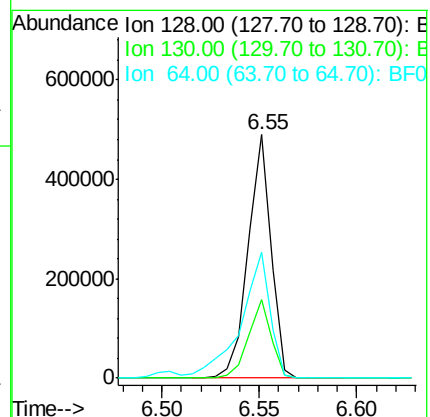
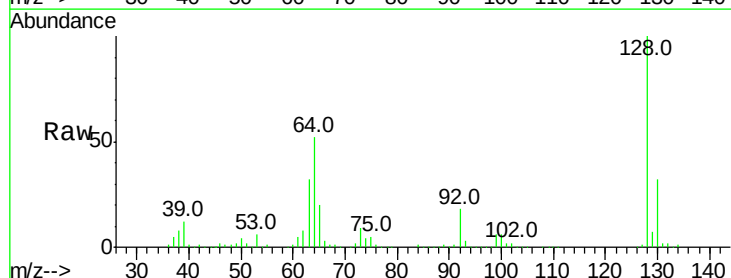
Tgt Ion: 128 Resp: 398627

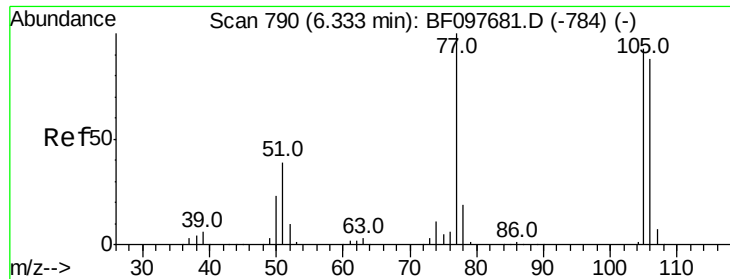
Ion Ratio Lower Upper

128 100

130 32.4 12.9 52.9

64 51.7 28.4 68.4





#9

Benzaldehyde

Concen: 21.886 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

Instrument :

BNA_F

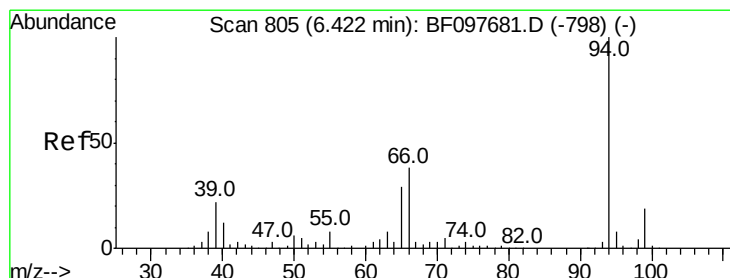
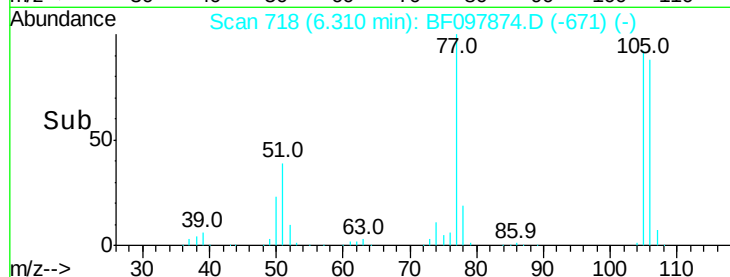
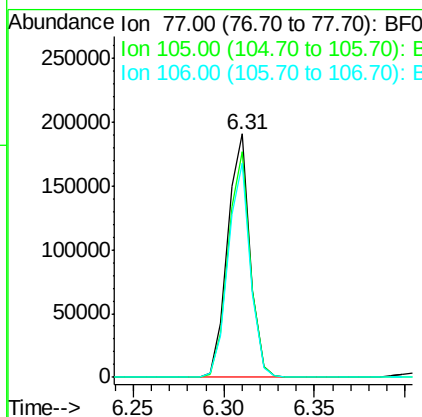
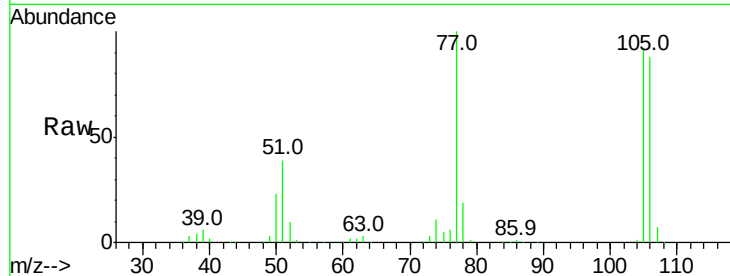
ClientSampled :

PB101621BS

Tot Ion:	77	Resp:	164424
Ion	Ratio	Lower	Upper
77	100		
105	92.5	83.8	123.8
106	88.2	79.1	119.1

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#10

Phenol

Concen: 40.569 ng

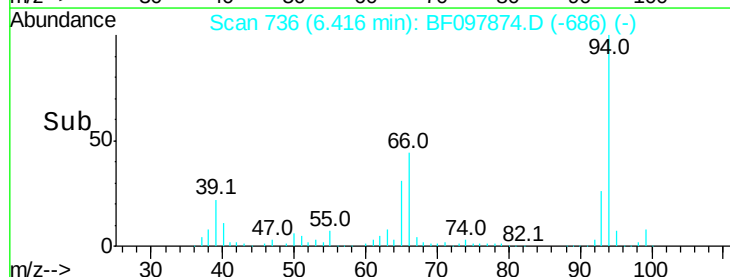
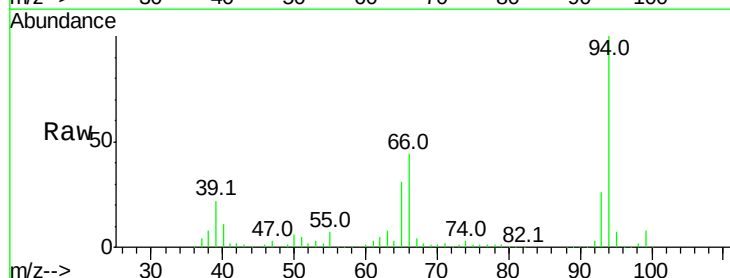
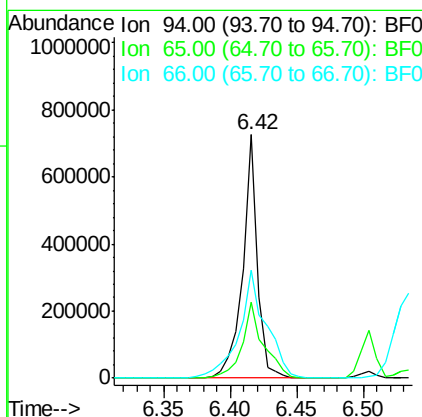
RT: 6.42 min Scan# 736

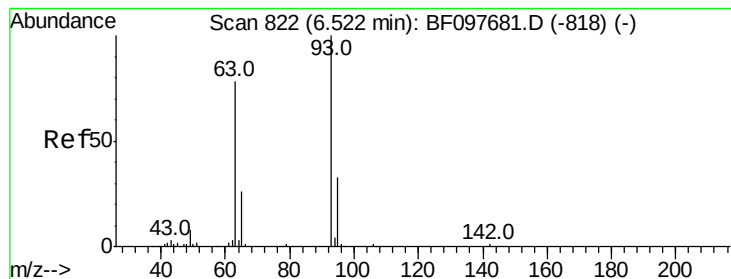
Delta R.T. -0.01 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

Tgt Ion:	94	Resp:	562777
Ion	Ratio	Lower	Upper
94	100		
65	31.3	9.9	49.9
66	44.4	23.1	63.1





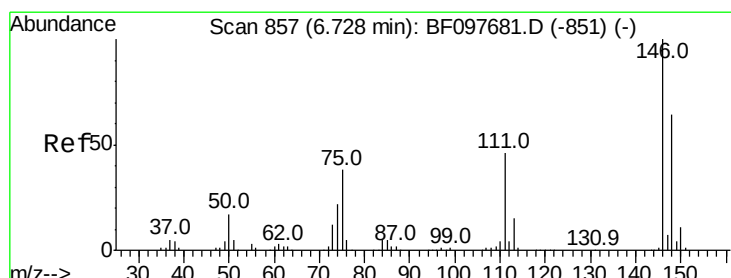
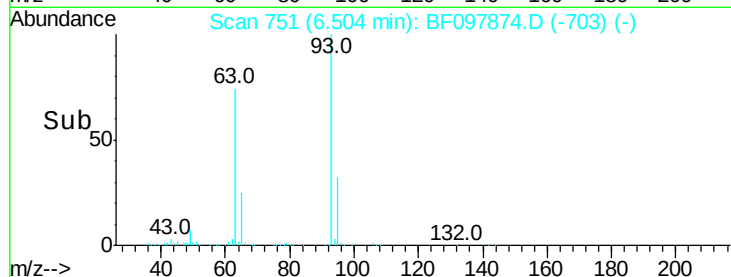
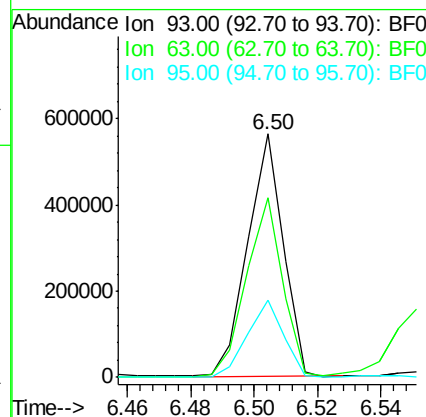
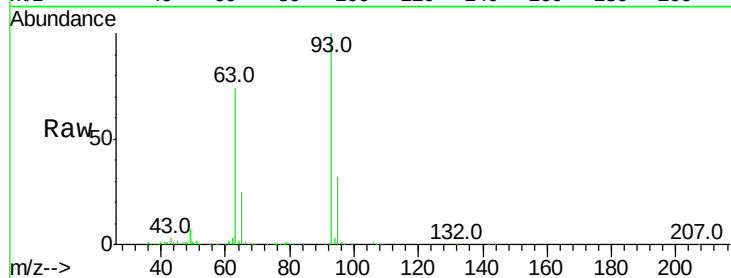
#11
bis(2-Chloroethyl)ether
Concen: 41.958 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.02 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

Instrument :
BNA_F
ClientSampleId :
PB101621BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	439307		
63	73.7	59.2	99.2	
95	32.0	12.8	52.8	

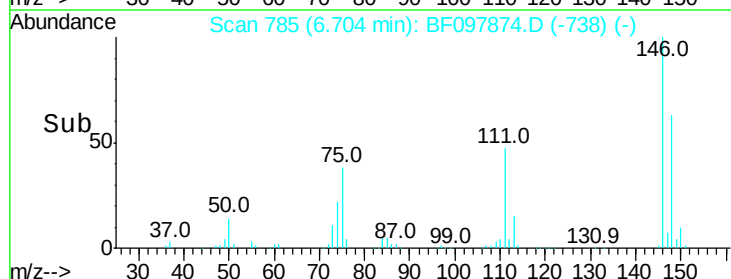
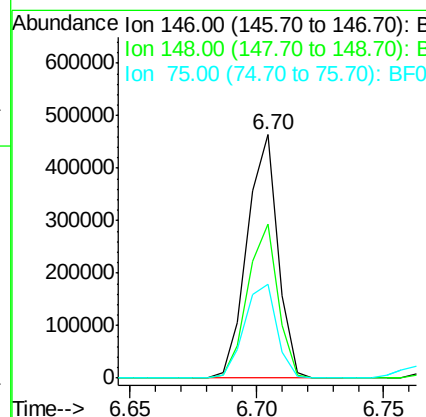
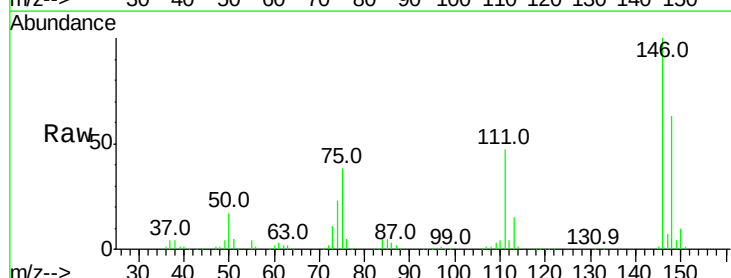
Manual Integrations
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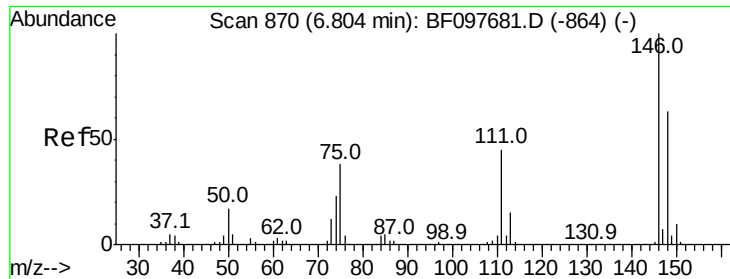
Sohil
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#12
1,3-Dichlorobenzene
Concen: 39.381 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.02 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	389985		
148	63.2	51.8	77.6	
75	38.4	23.1	34.7#	





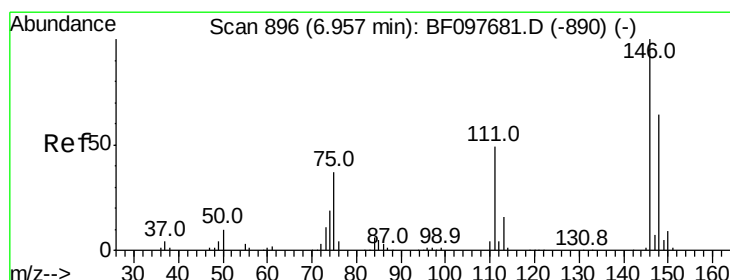
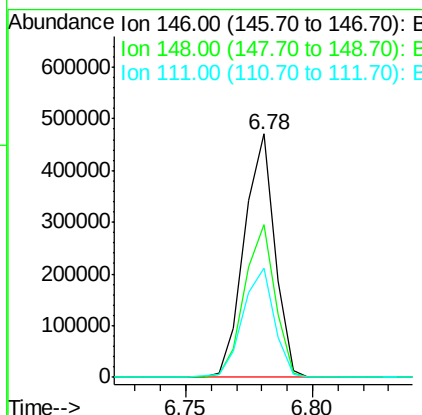
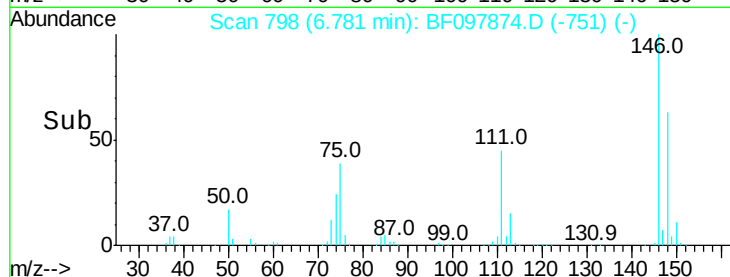
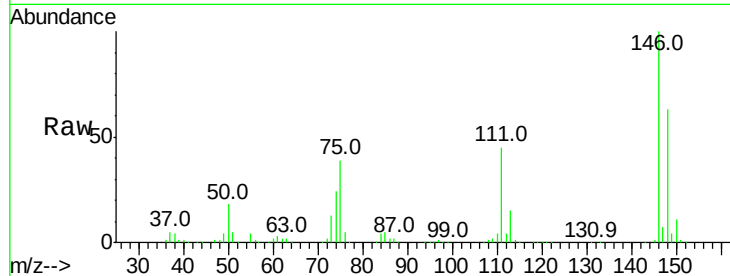
#13
 1,4-Dichlorobenzene
 Concen: 39.152 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB101621BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.7	52.2	78.2
111	45.1	30.3	45.5

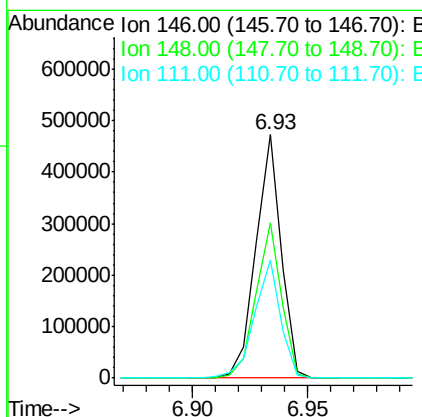
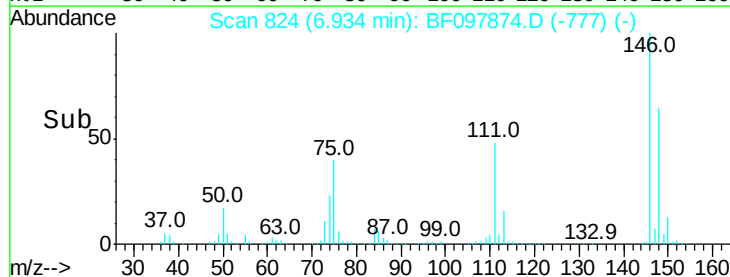
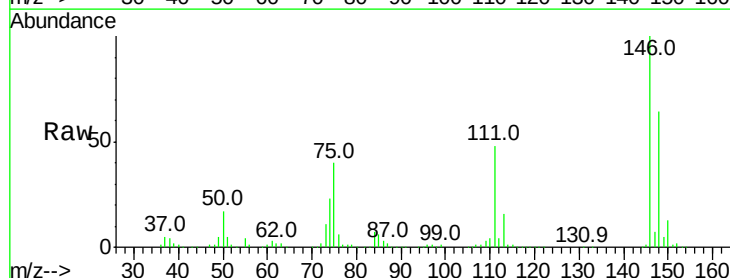
Manual Integrations
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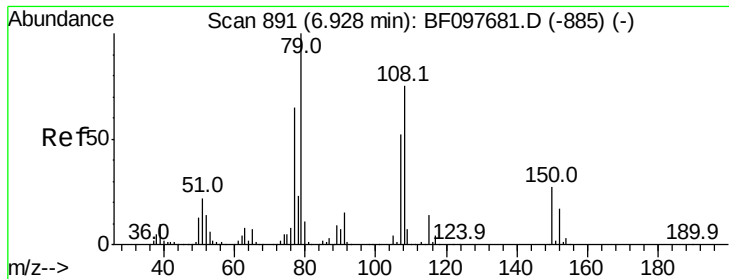
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#14
 1,2-Dichlorobenzene
 Concen: 39.187 ng
 RT: 6.93 min Scan# 824
 Delta R.T. -0.02 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.4	75.6
111	48.3	38.2	57.4





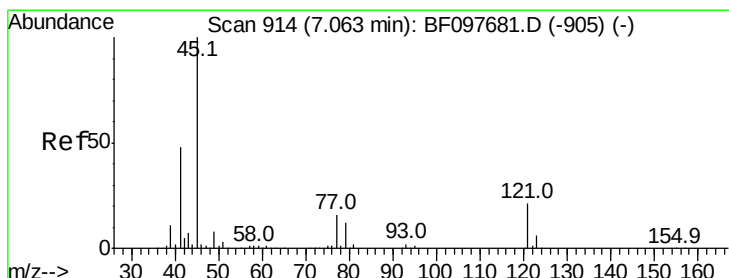
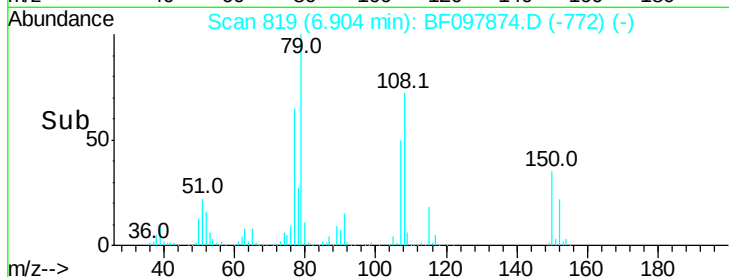
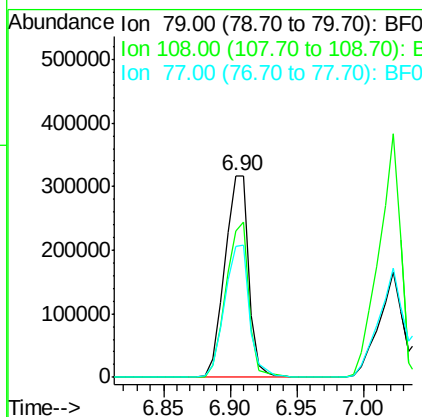
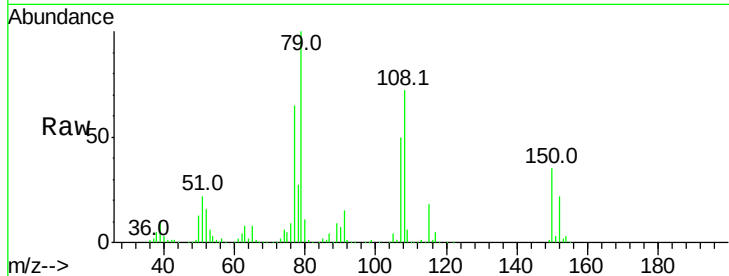
#15
Benzyl Alcohol
Concen: 45.553 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

Instrument :
BNA_F
ClientSampleId :
PB101621BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.4	63.4	95.0
77	65.0	49.2	73.8

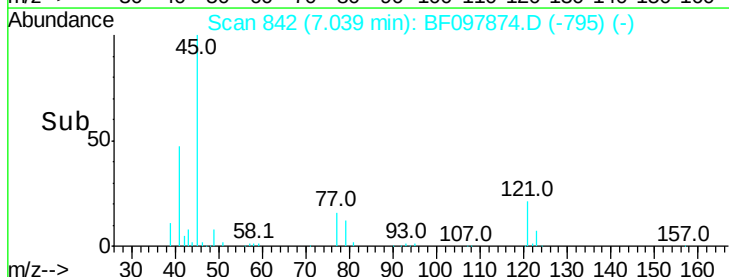
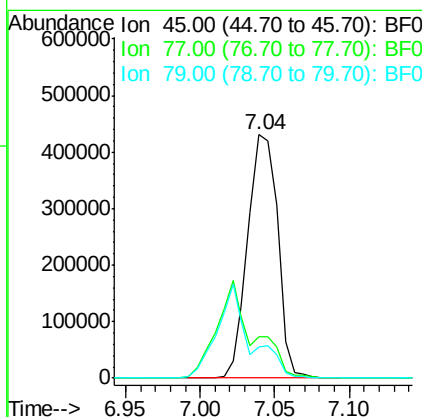
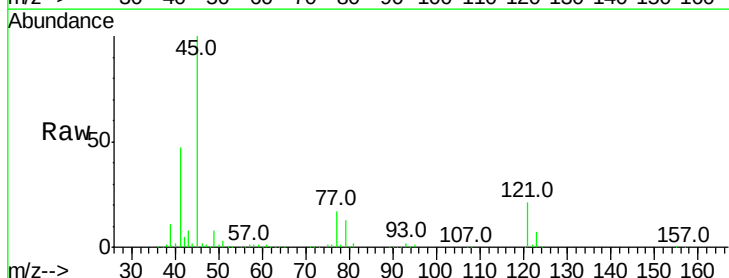
Manual Integrations
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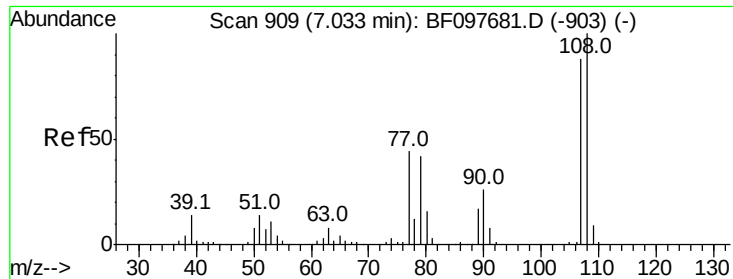
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#16
2,2'-oxybis(1-chloropropane)
Concen: 42.395 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.02 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.2	0.0	33.2
79	12.8	0.0	30.0





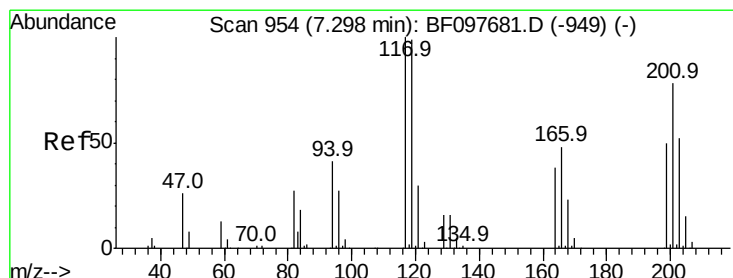
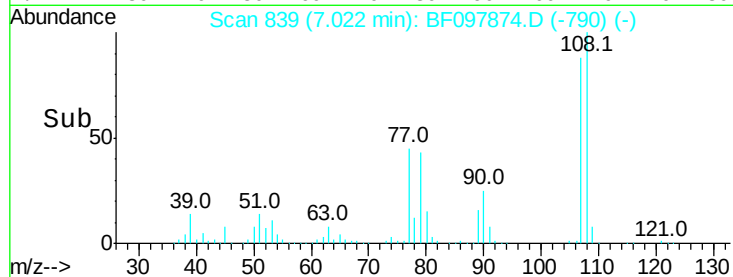
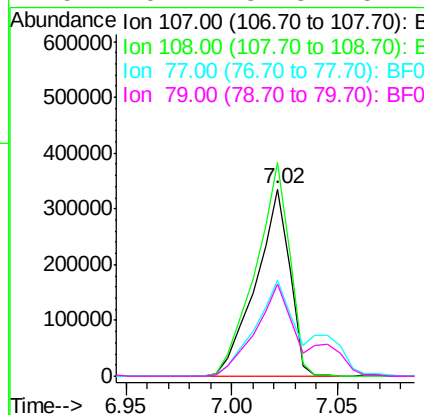
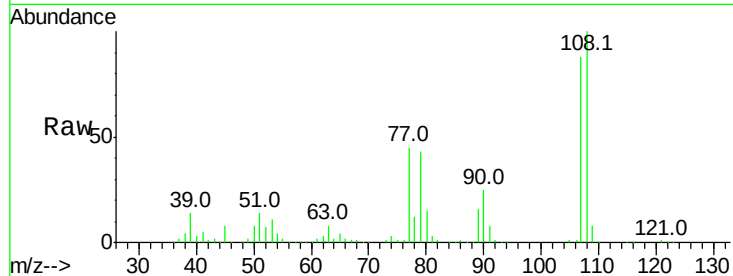
#17
2-Methylphenol
Concen: 46.110 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

Instrument :
BNA_F
ClientSampleId :
PB101621BS

Tot Ion:	107	Resp:	374094
Ion Ratio	Lower	Upper	
107	100		
108	114.2	93.4	140.0
77	51.3	35.8	53.6
79	49.4	34.8	52.2

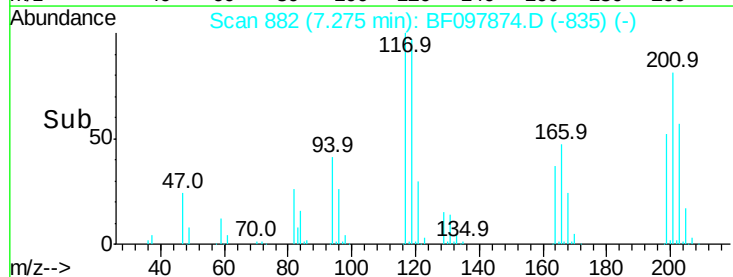
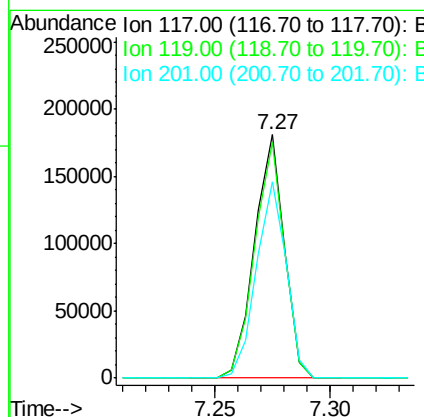
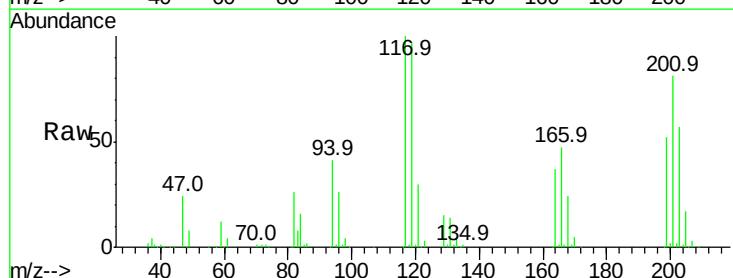
Manual Integrations
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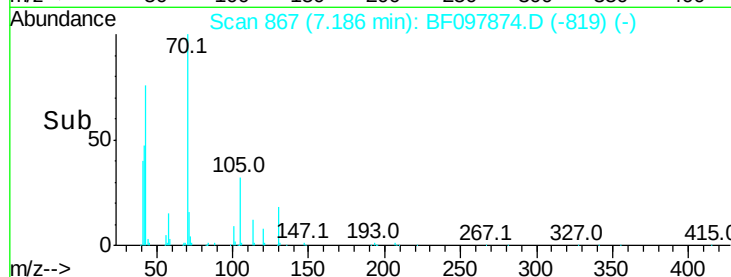
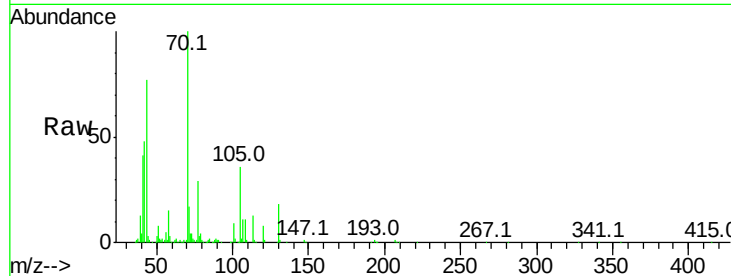
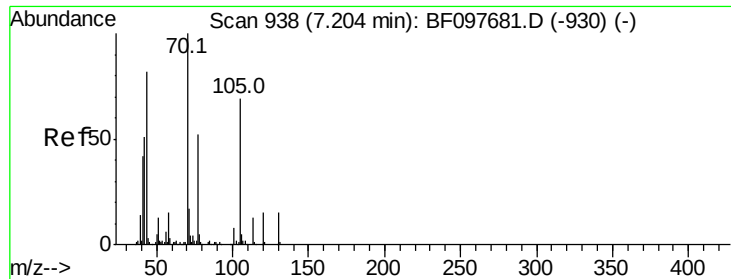
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#18
Hexachloroethane
Concen: 41.510 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

Tgt Ion:	117	Resp:	163909
Ion Ratio	Lower	Upper	
117	100		
119	97.0	77.4	116.0
201	80.5	94.6	141.8#





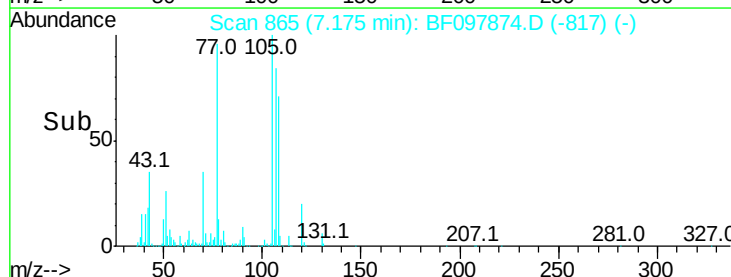
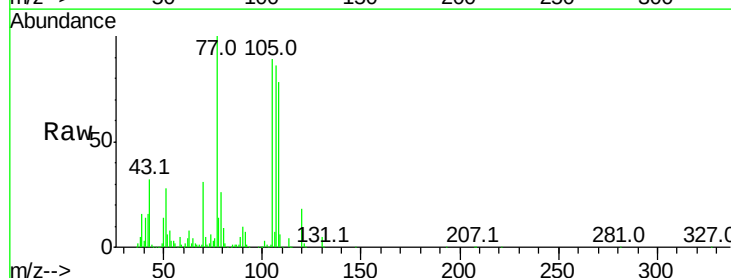
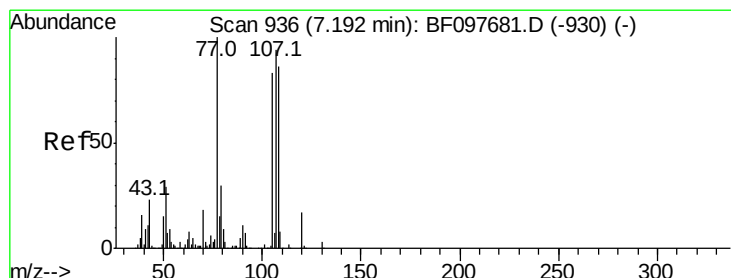
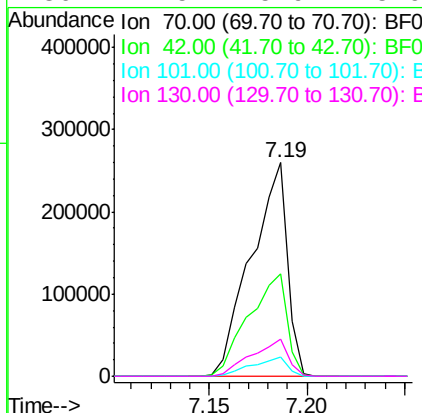
#19
n-Nitroso-di-n-propylamine
Concen: 41.263 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.02 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	47.8	47.2	70.8		
101	9.3	7.2	10.8		
130	17.5	15.9	23.9		

Instrument :
BNA_F
ClientSampleId :
PB101621BS

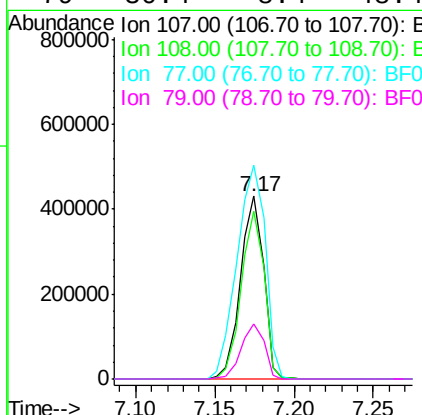
Manual Integrations
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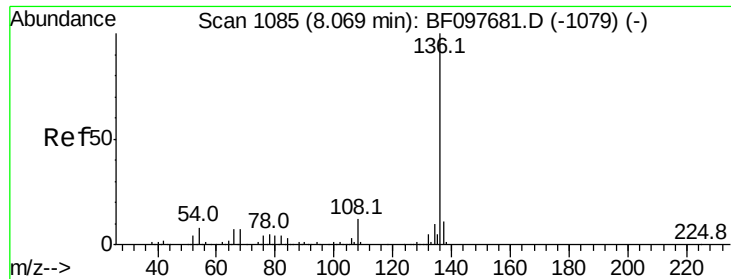
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#20
3+4-Methylphenols
Concen: 43.996 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.02 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.7	71.0	111.0		
77	116.9	90.5	130.5		
79	30.4	8.4	48.4		





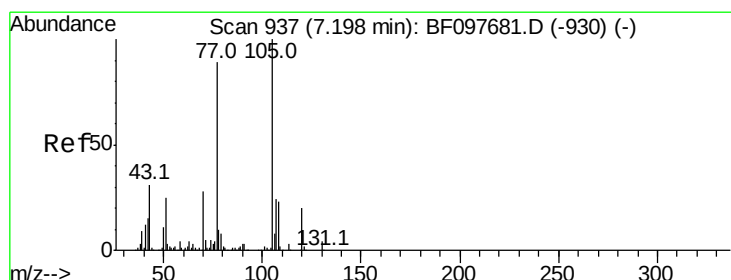
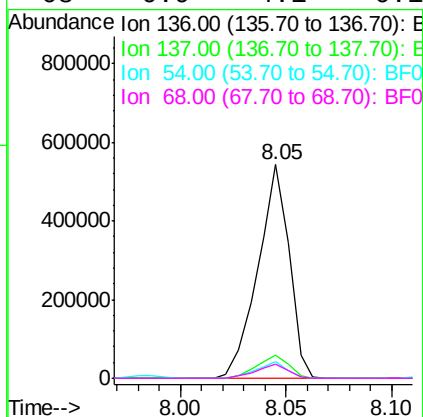
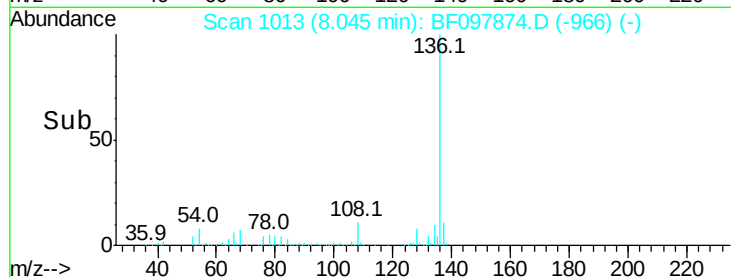
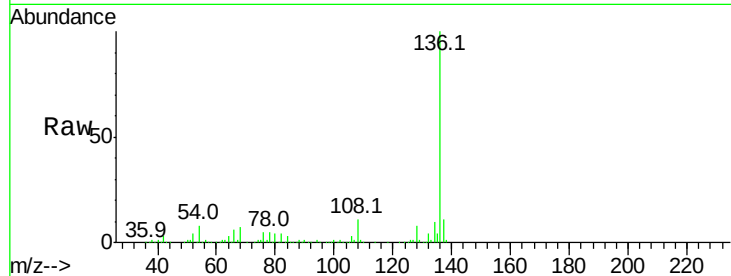
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

Instrument :
BNA_F
ClientSampleId :
PB101621BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.5	12.7	
54	7.8	4.9	7.3#	
68	6.9	4.1	6.1#	

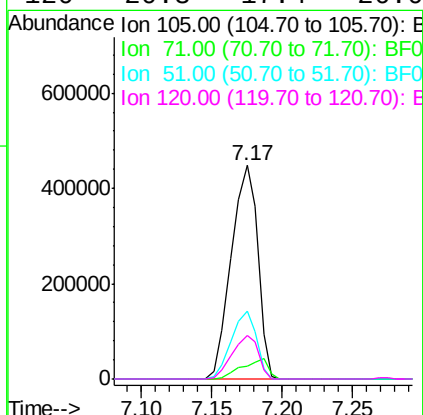
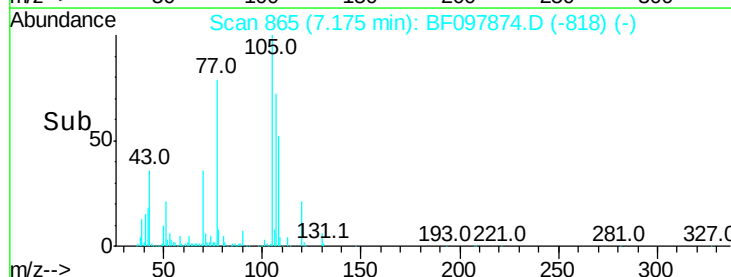
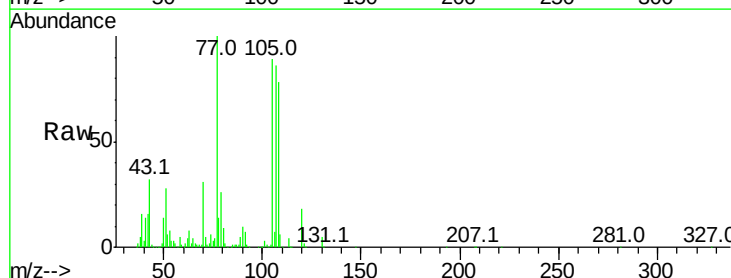
Manual Integrations
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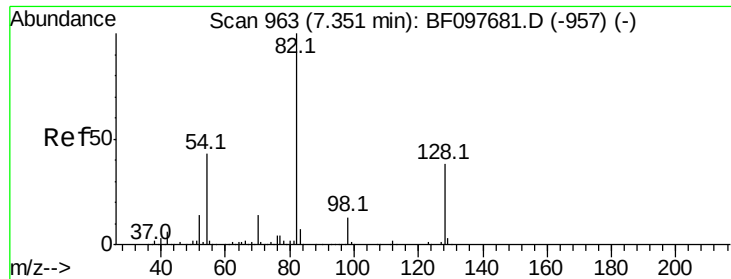
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#22
Acetophenone
Concen: 39.703 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.02 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.1	2.8	4.2#	
51	31.8	30.7	46.1	
120	20.3	17.4	26.0	





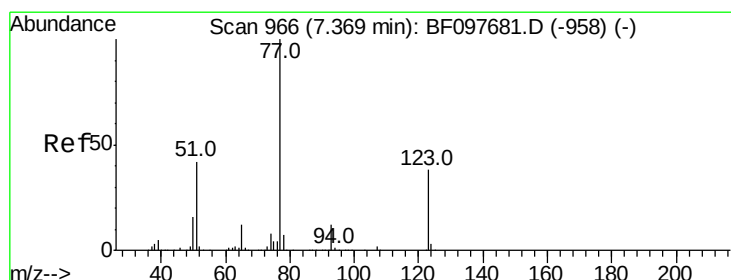
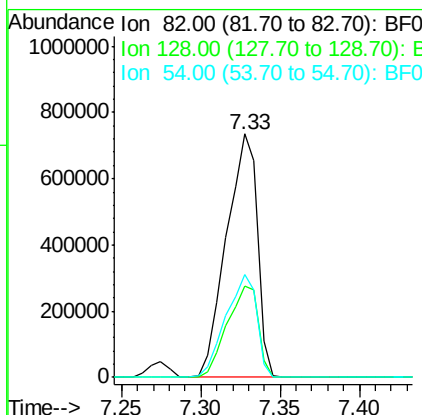
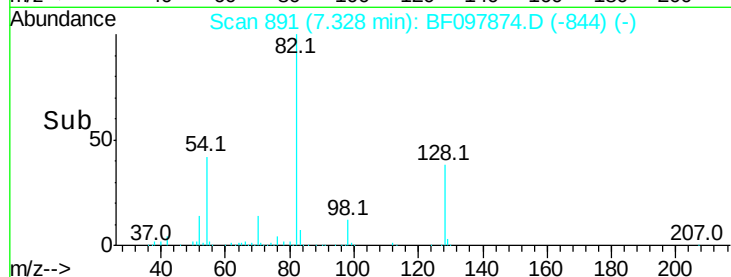
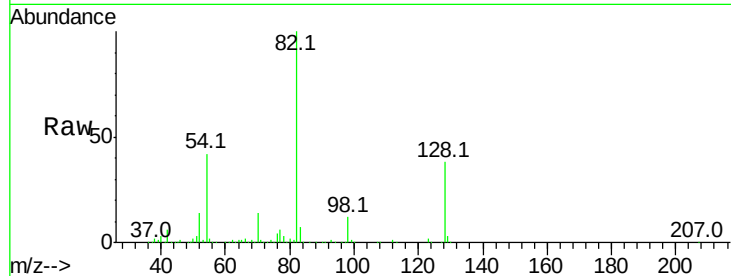
#23
 Nitrobenzene-d5
 Concen: 96.358 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.02 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

Instrument :
 BNA_F
 ClientSampleID :
 PB101621BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	37.5	34.0	51.0	
54	42.3	42.2	63.2	

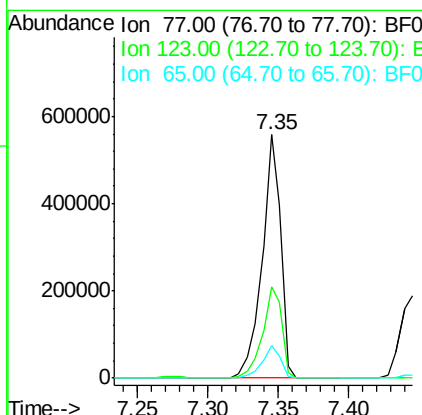
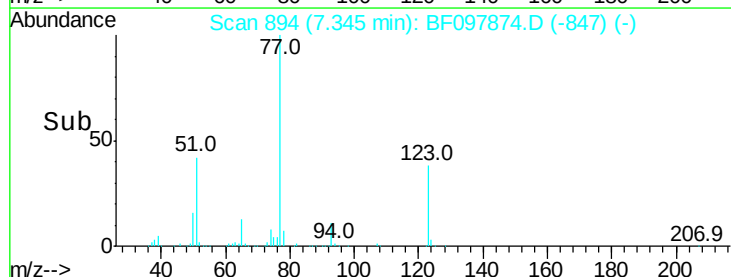
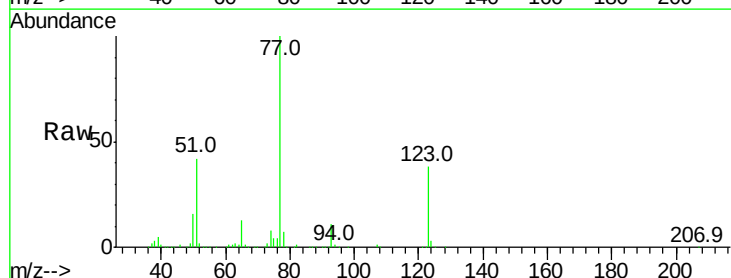
Manual Integrations
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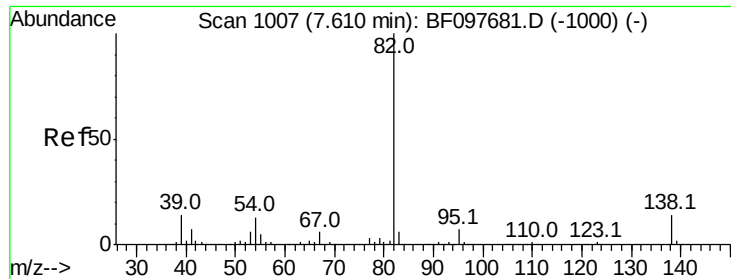
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#24
 Nitrobenzene
 Concen: 45.553 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.02 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	37.7	35.8	53.8	
65	13.1	10.6	15.8	





#25

Isophorone

Concen: 46.451 ng

RT: 7.59 min Scan# 936

Delta R.T. -0.02 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

Instrument :

BNA_F

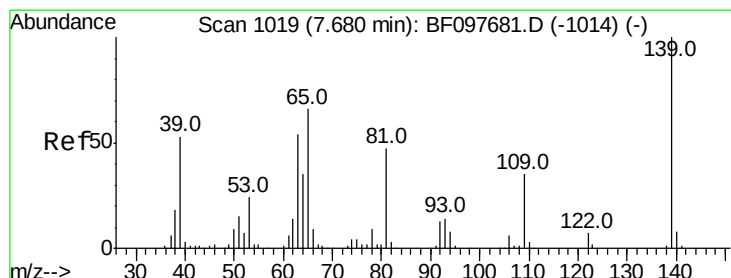
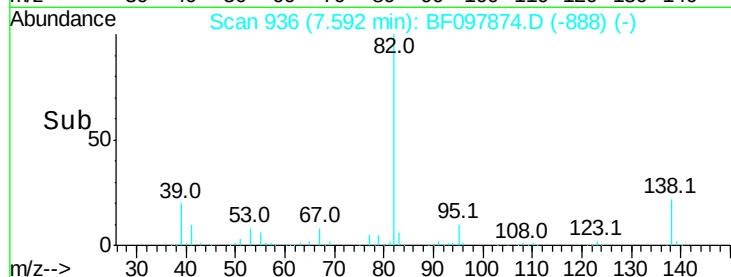
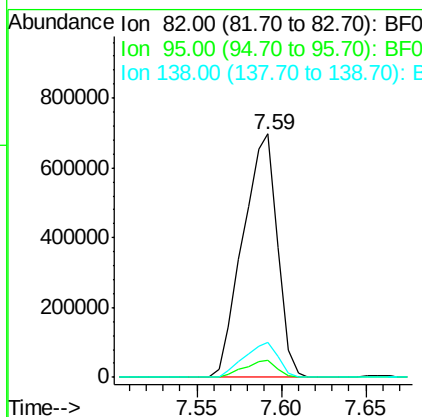
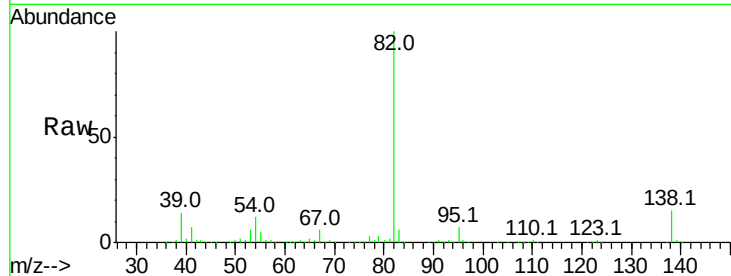
ClientSampleId :

PB101621BS

Tot Ion:	82	Resp:	991853
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.3	7.9
138	14.6	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 50.668 ng

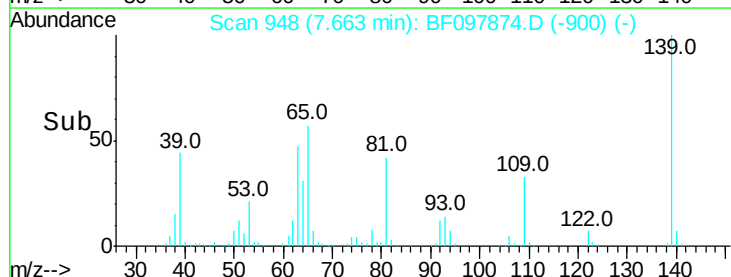
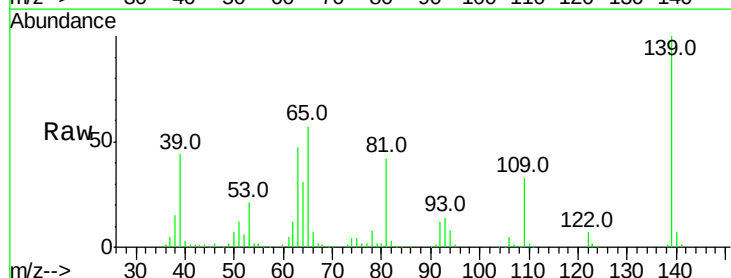
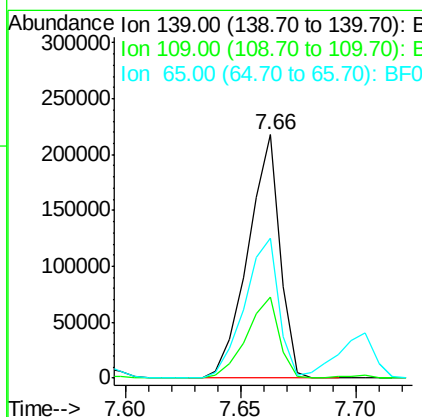
RT: 7.66 min Scan# 948

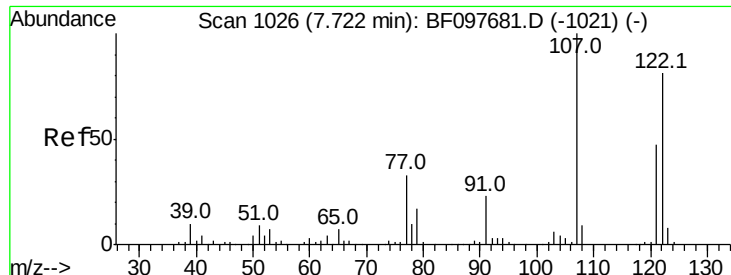
Delta R.T. -0.02 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

Tgt Ion:	139	Resp:	211245
Ion Ratio	Lower	Upper	
139	100		
109	33.4	21.0	31.6#
65	57.4	33.0	49.6#





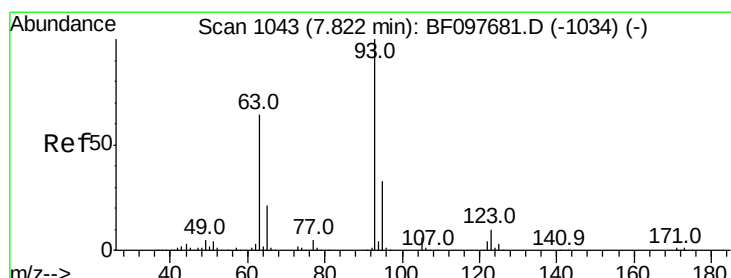
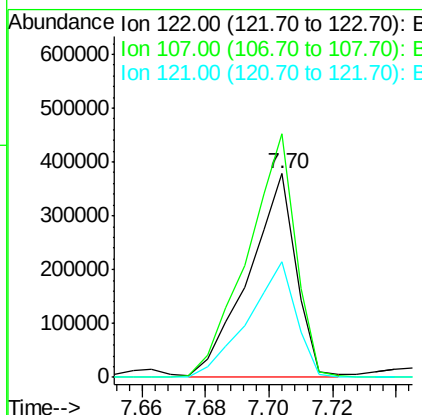
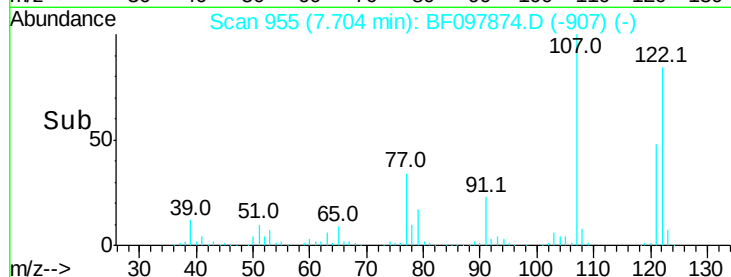
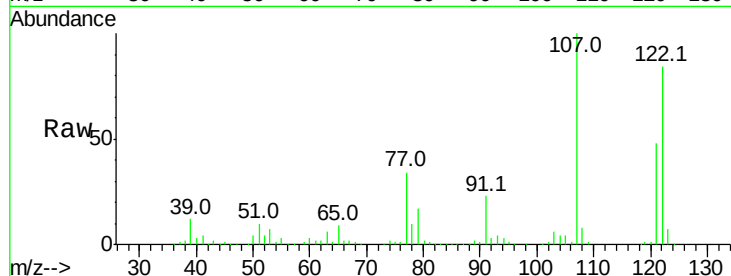
#27
 2,4-Dimethylphenol
 Concen: 44.037 ng
 RT: 7.70 min Scan# 955
 Delta R.T. -0.02 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB101621BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	119.5	89.2	133.8		
121	56.9	45.2	67.8		

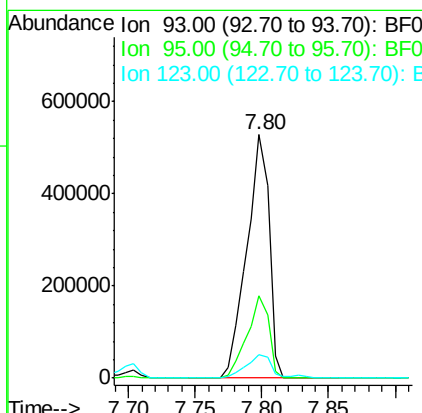
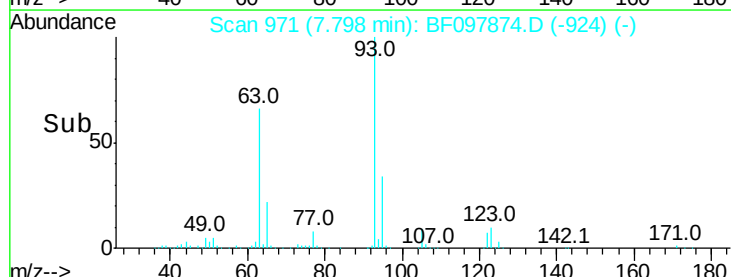
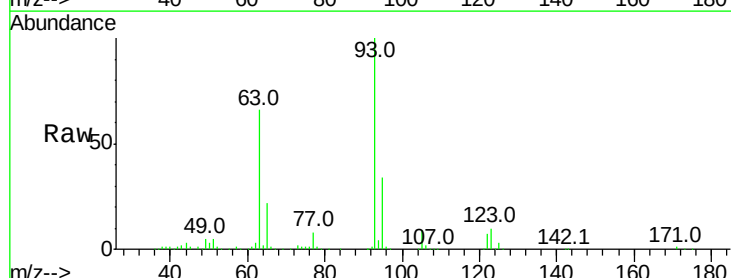
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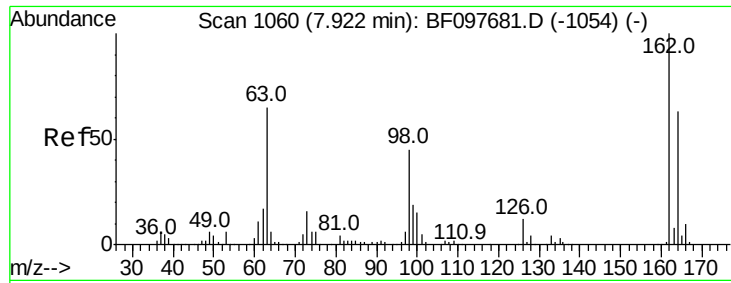
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 43.205 ng
 RT: 7.80 min Scan# 971
 Delta R.T. -0.02 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	33.6	26.5	39.7		
123	9.8	9.0	13.4		





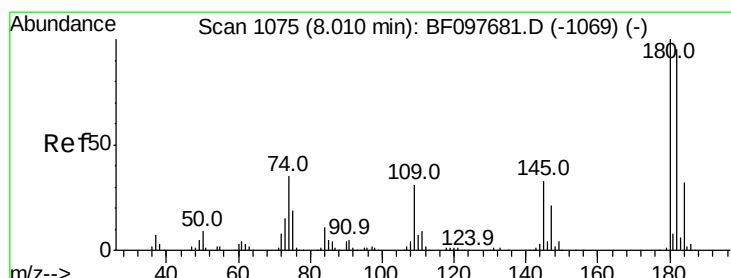
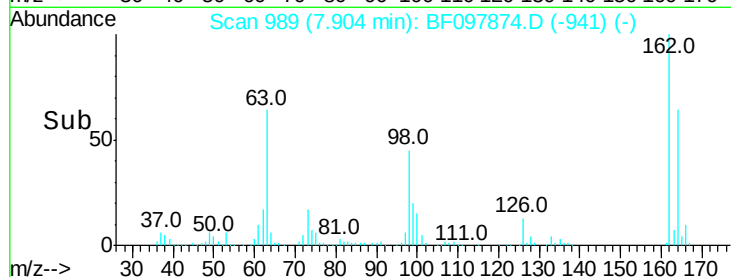
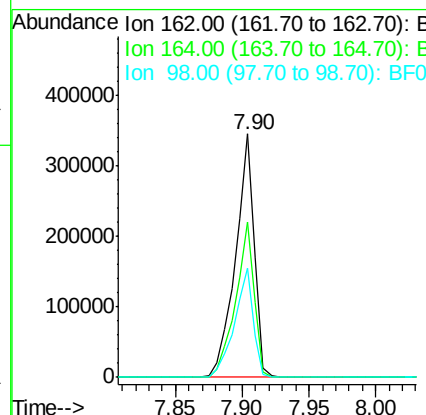
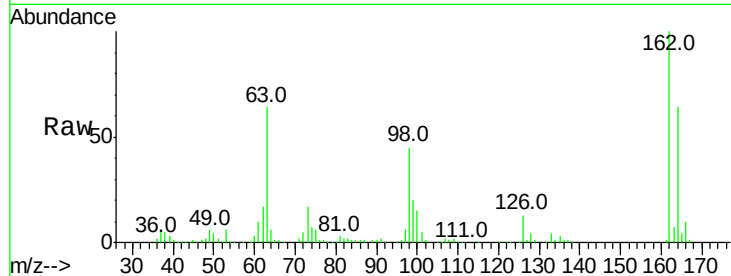
#29
 2,4-Dichlorophenol
 Concen: 46.725 ng
 RT: 7.90 min Scan# 989
 Delta R.T. -0.02 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB101621BS

Tot Ion:	162	Resp:	345400
Ion Ratio	Lower	Upper	
162	100		
164	63.6	44.6	84.6
98	45.0	14.8	54.8

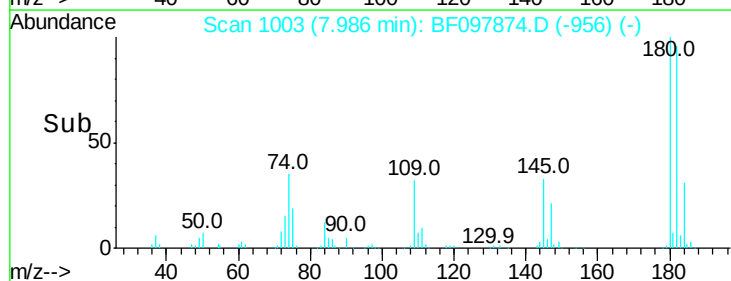
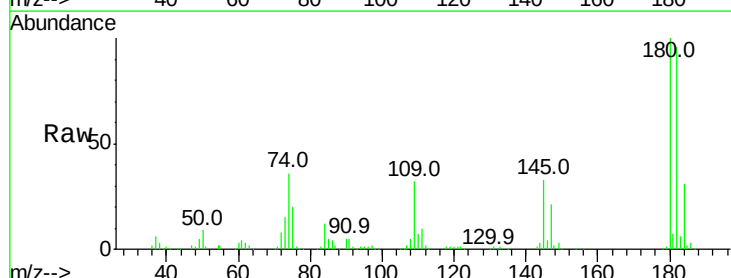
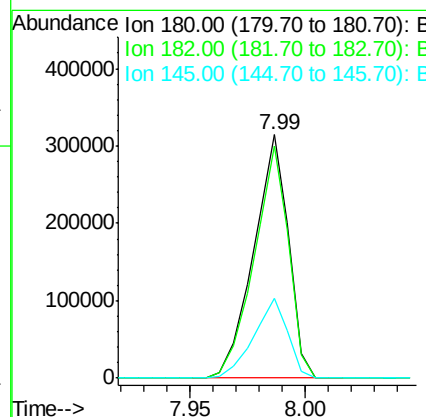
Manual Integrations
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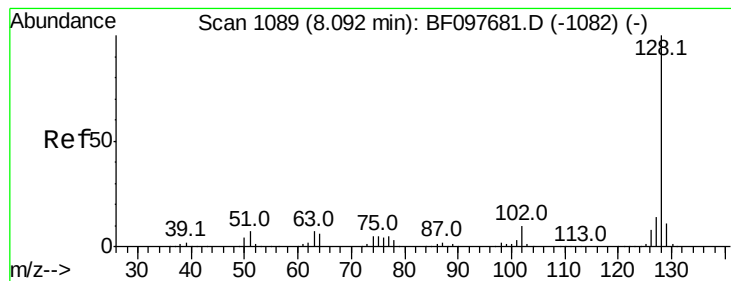
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.257 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.02 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

Tgt Ion:	180	Resp:	329893
Ion Ratio	Lower	Upper	
180	100		
182	95.5	75.8	113.6
145	32.6	25.3	37.9





#31

Naphthalene

Concen: 40.104 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.02 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

Instrument :

BNA_F

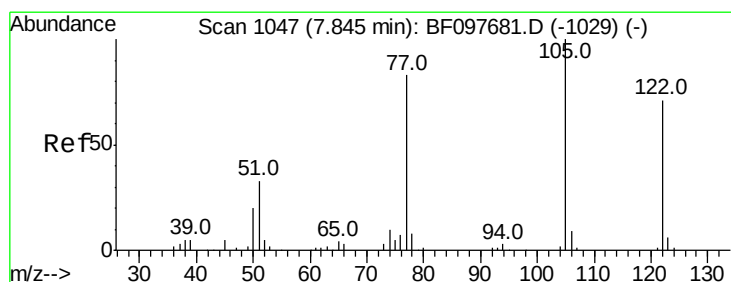
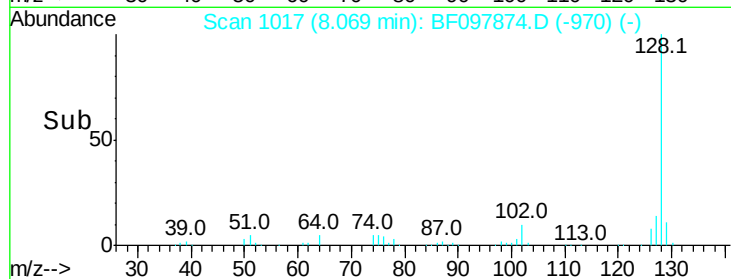
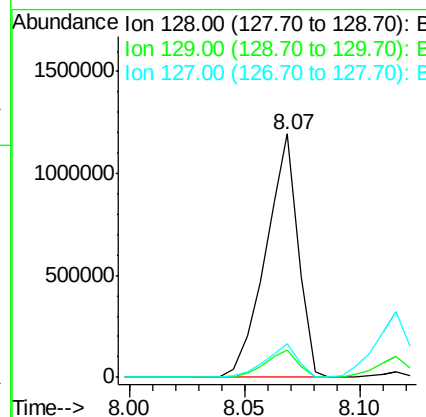
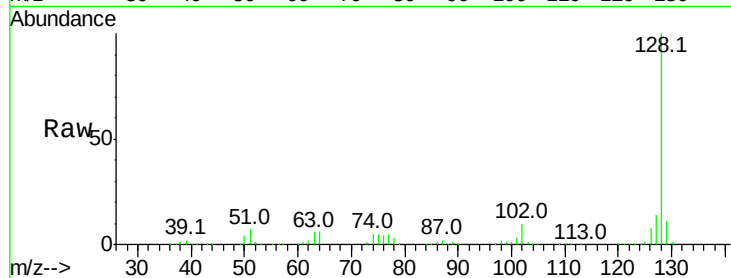
ClientSampleId :

PB101621BS

Tot Ion:	128	Resp:	1161442
Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	13.7	10.8	16.2

Manual Integrations
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#32

Benzoic acid

Concen: 35.734 ng

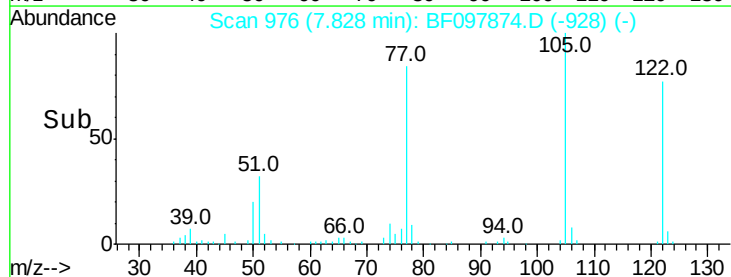
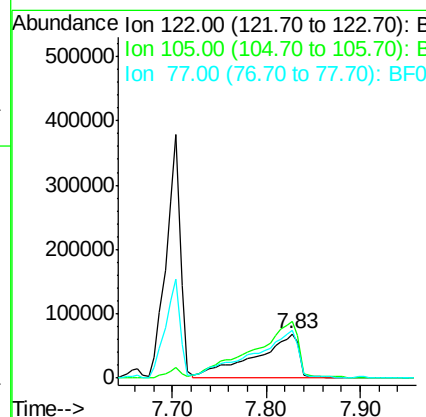
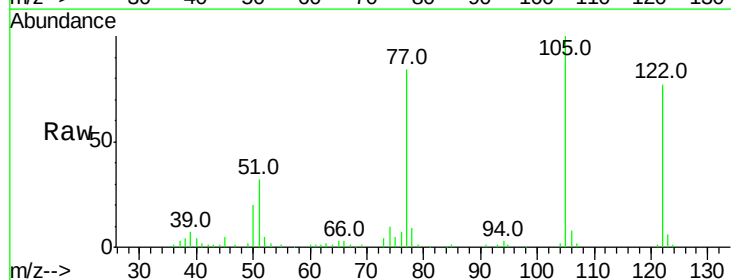
RT: 7.83 min Scan# 976

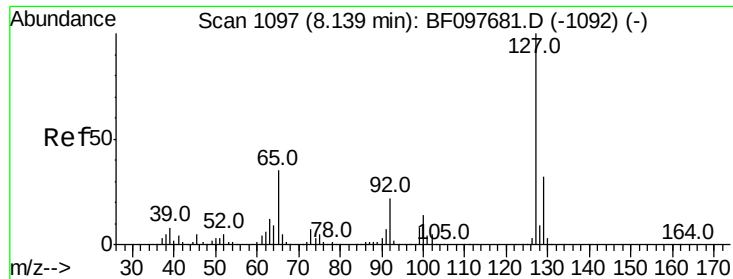
Delta R.T. -0.02 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

Tgt Ion:	122	Resp:	219605
Ion	Ratio	Lower	Upper
122	100		
105	129.6	103.3	143.3
77	109.1	73.7	113.7





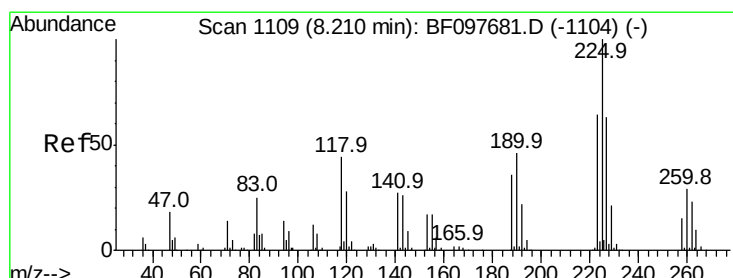
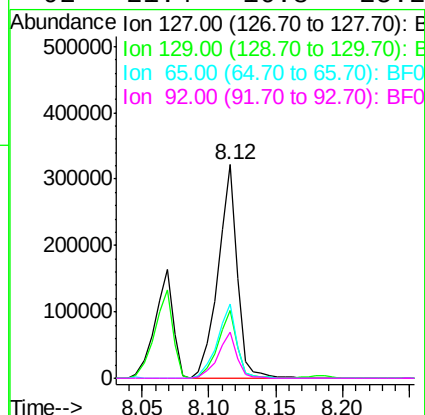
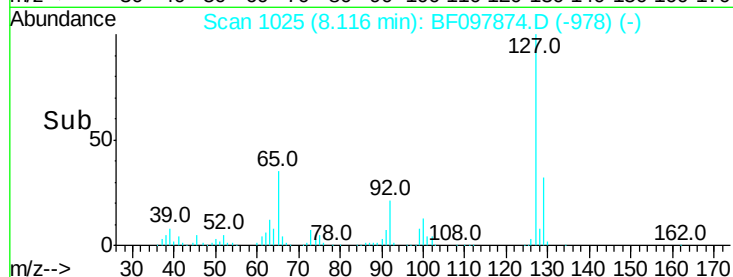
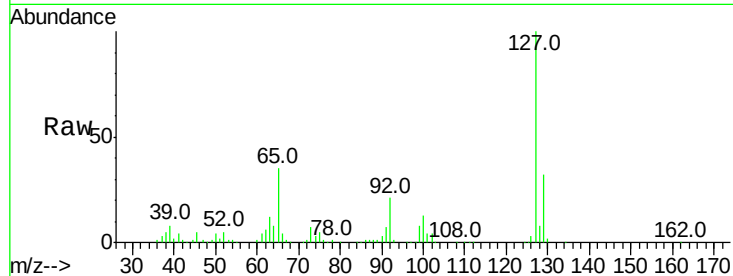
#33
4-Chloroaniline
Concen: 26.653 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

Instrument :
BNA_F
ClientSampleId :
PB101621BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.0	26.2	39.2		
65	34.9	27.8	41.8		
92	21.4	16.8	25.2		

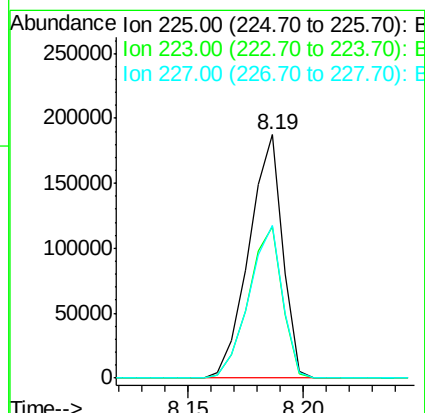
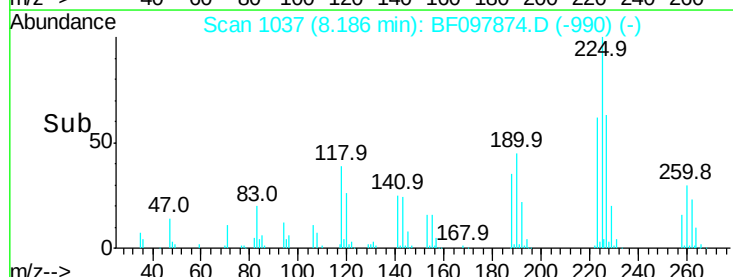
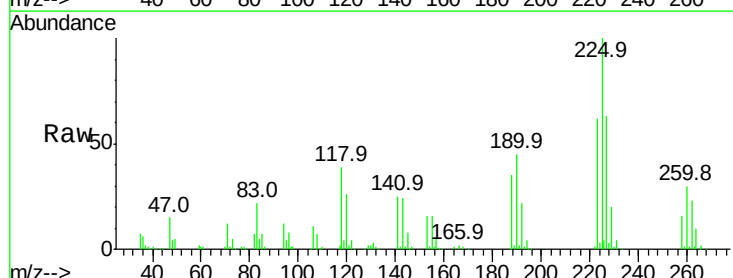
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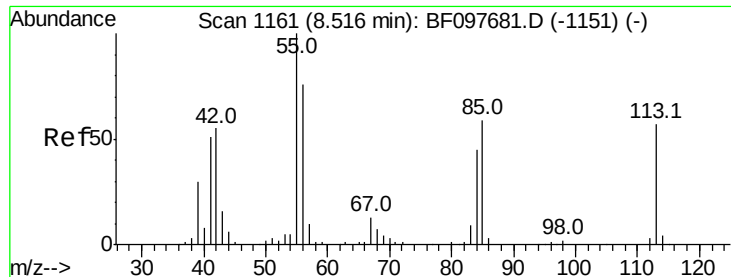
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#34
Hexachlorobutadiene
Concen: 39.799 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.4	48.8	73.2		
227	62.9	51.1	76.7		





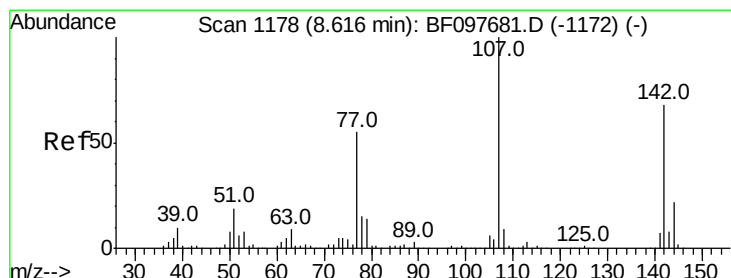
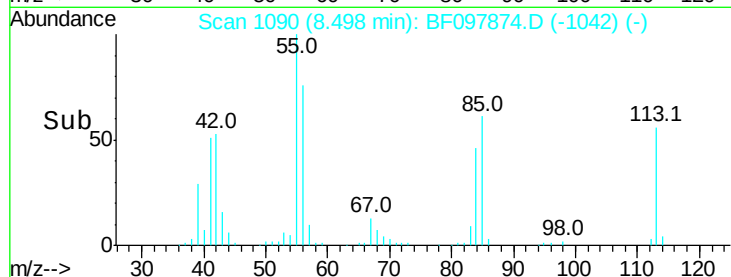
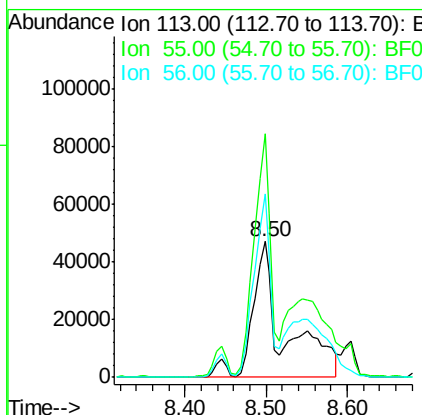
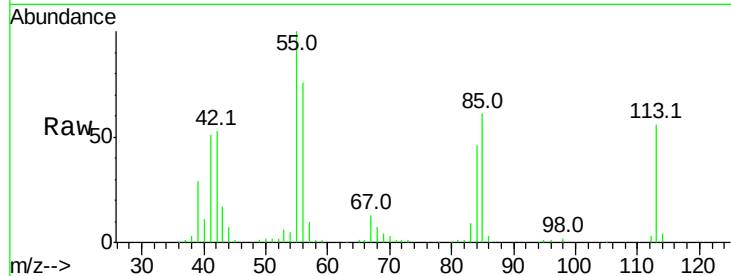
#35
 Caprolactam
 Concen: 50.656 ng/ml
 RT: 8.50 min Scan# 1090
 Delta R.T. -0.02 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

Instrument :
 BNA_F
 ClientSampleID :
 PB101621BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	179.6	150.2	190.2
56	135.7	107.8	147.8

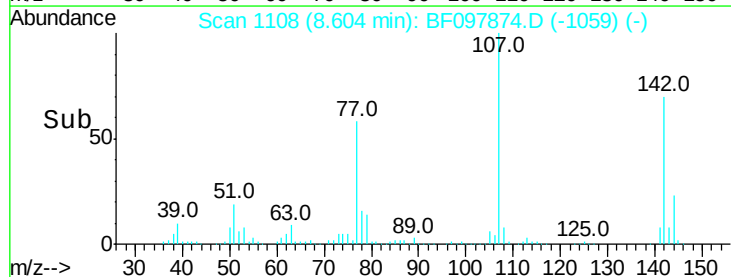
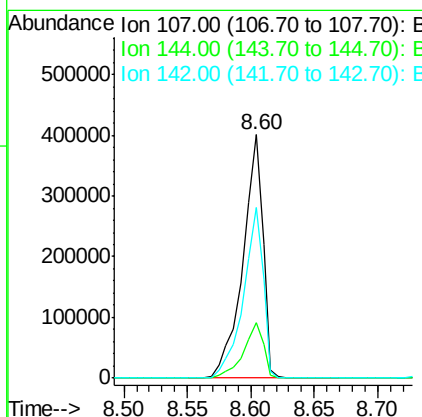
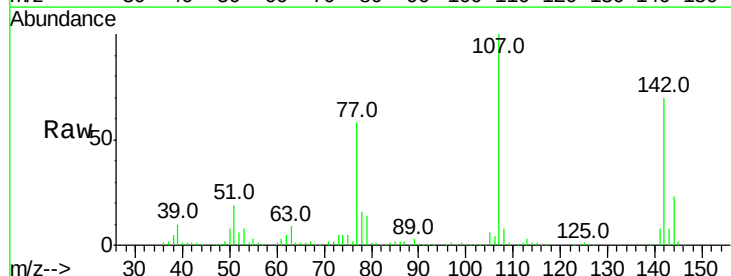
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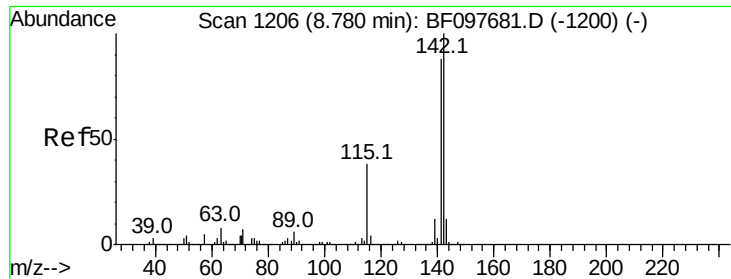
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#36
 4-Chloro-3-methylphenol
 Concen: 46.151 ng/ml
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.6	24.2	36.4#
142	70.1	73.4	110.0#





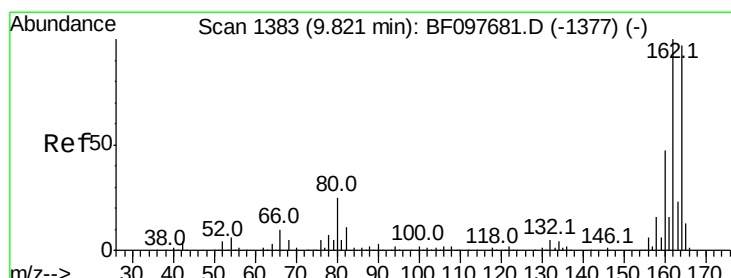
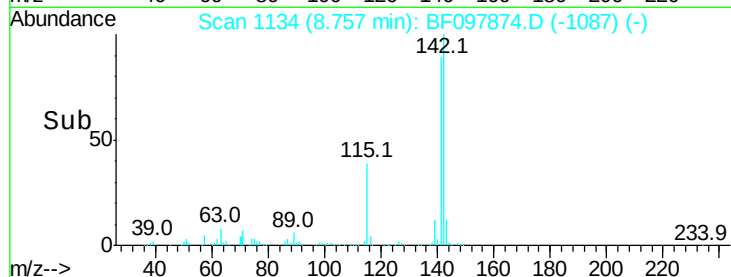
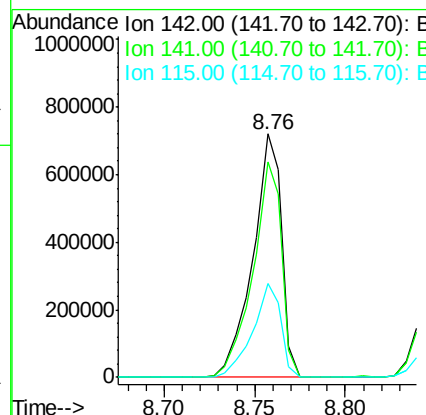
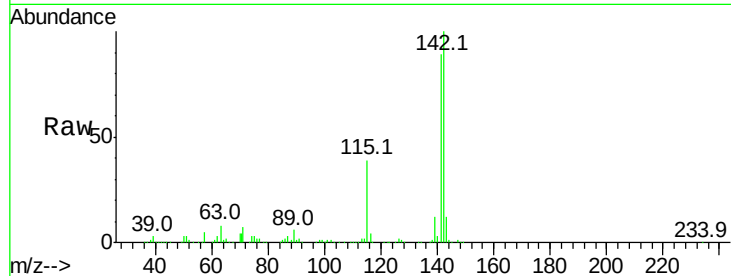
#37
2-Methylnaphthalene
Concen: 44.536 ng
RT: 8.76 min Scan# 1134
Delta R.T. -0.02 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

Instrument :
BNA_F
ClientSampleId :
PB101621BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	790766		
141	88.7	71.3	106.9	
115	38.7	27.1	40.7	

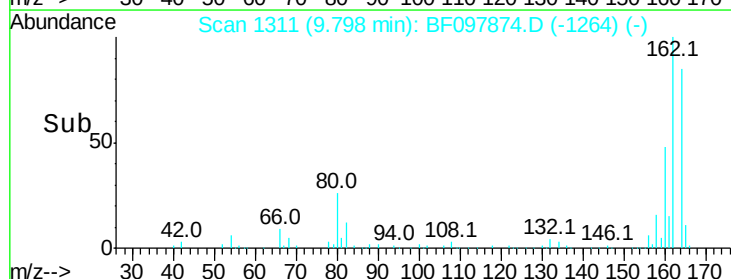
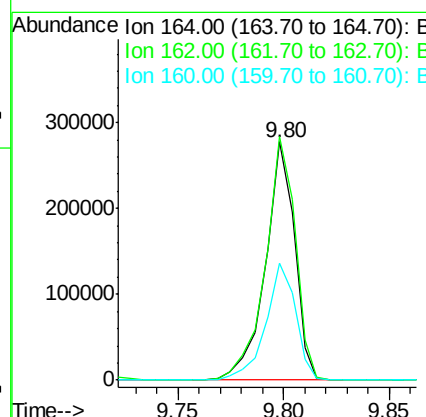
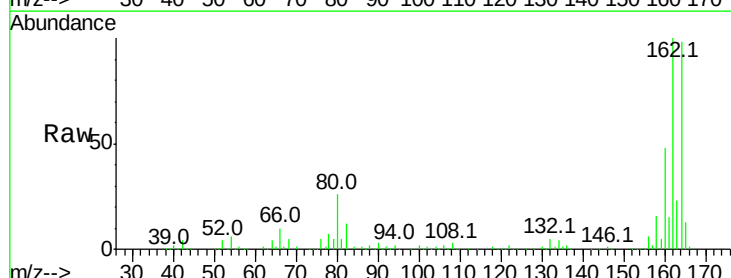
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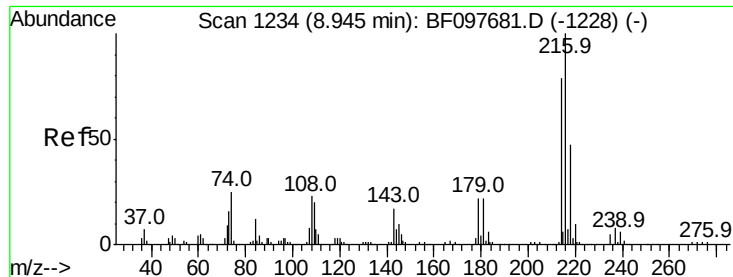
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	268321		
162	102.2	82.6	123.8	
160	48.9	36.2	54.2	





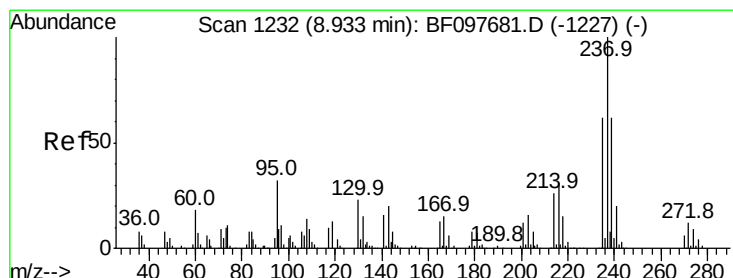
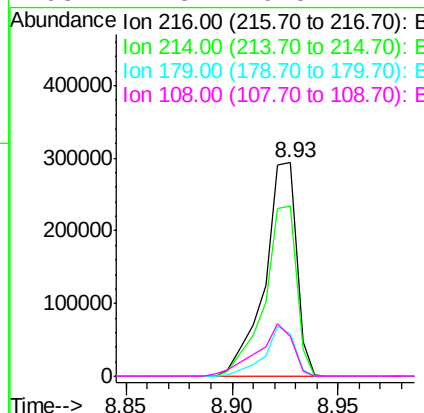
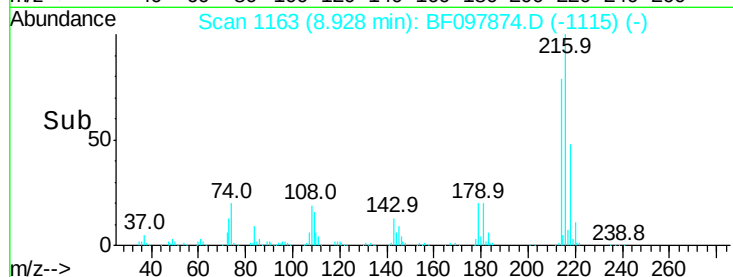
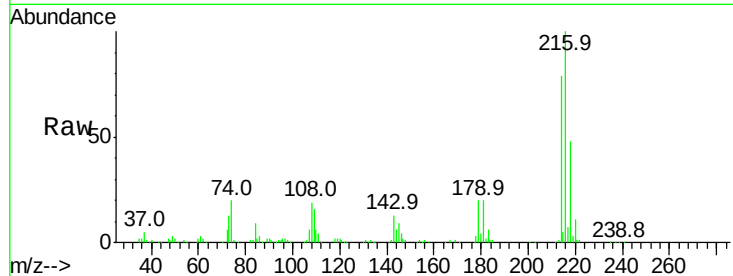
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.644 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.02 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB101621BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.7	63.4	95.2
179	21.8	17.9	26.9
108	27.3	16.5	24.7

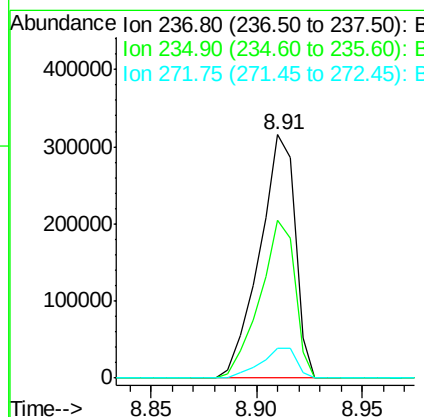
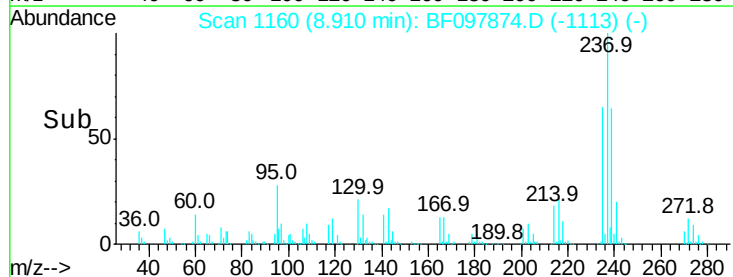
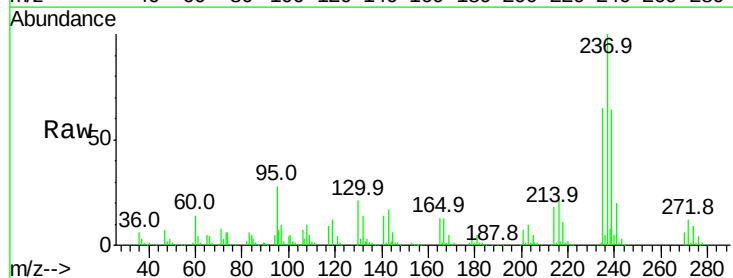
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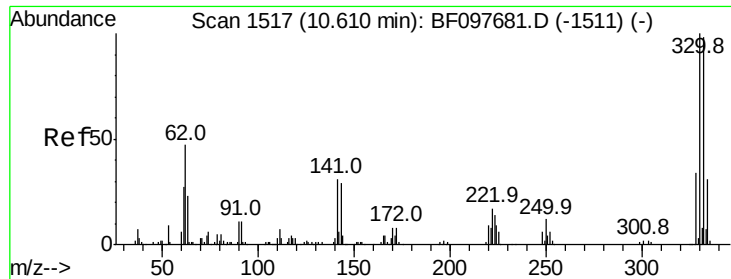
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#40
 Hexachlorocyclopentadiene
 Concen: 93.465 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. -0.02 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.8	42.6	82.6
272	12.2	0.0	31.9





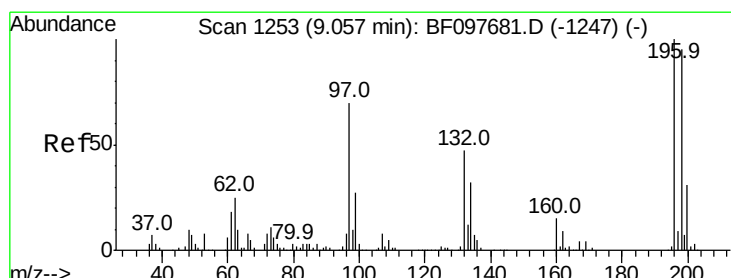
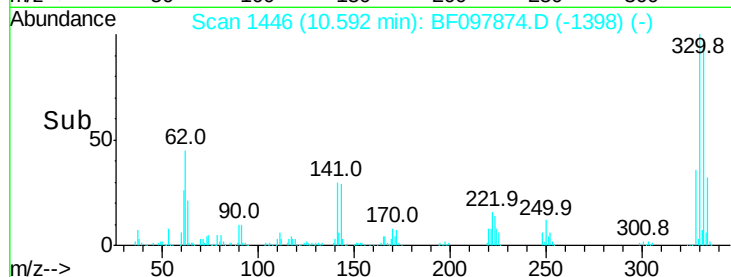
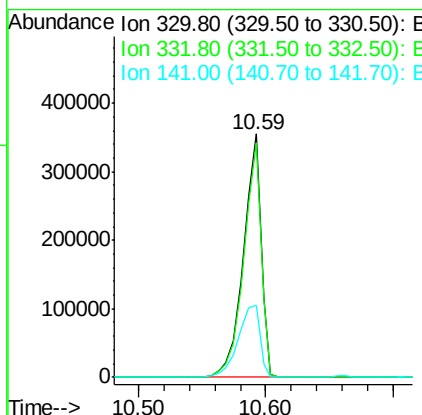
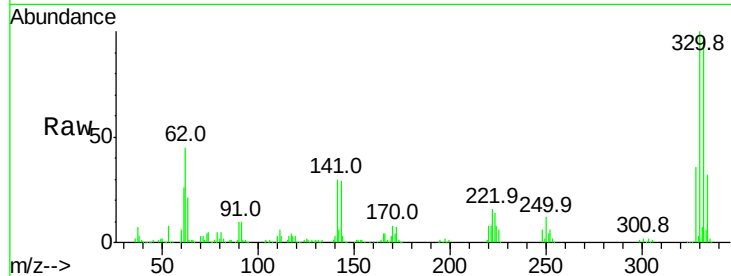
#41
 2,4,6-Tribromophenol
 Concen: 146.784 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB101621BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.9	76.6	115.0	
141	36.6	31.4	47.2	

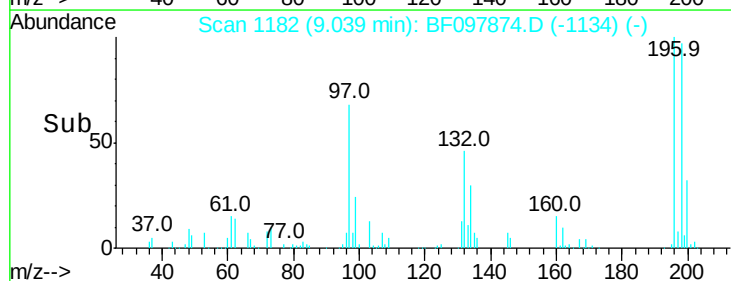
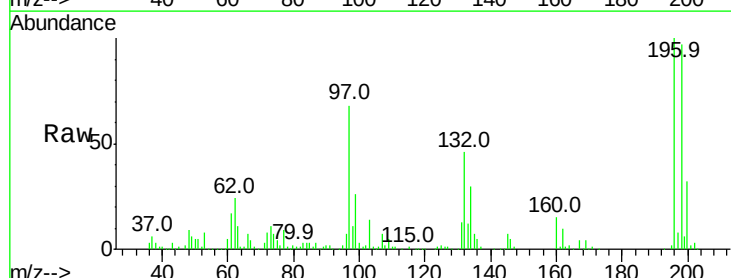
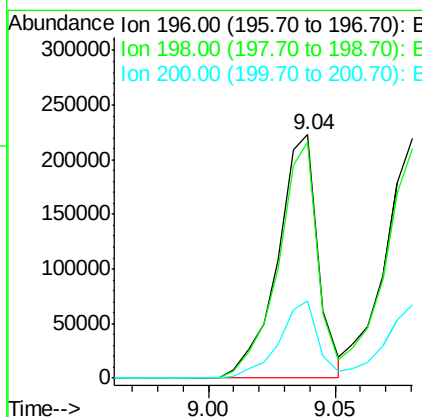
Manual Integrations
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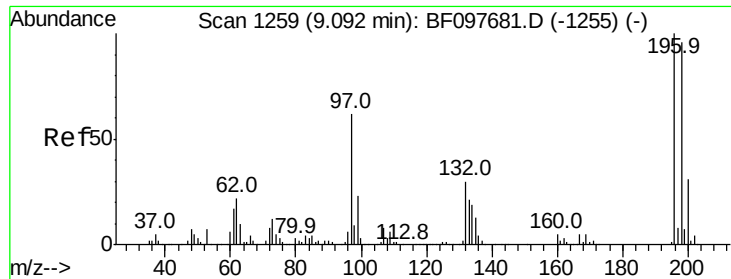
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#42
 2,4,6-Trichlorophenol
 Concen: 44.922 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.02 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	97.0	74.2	111.4	
200	31.7	24.0	36.0	





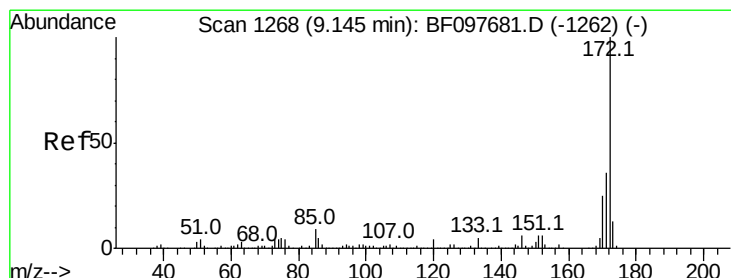
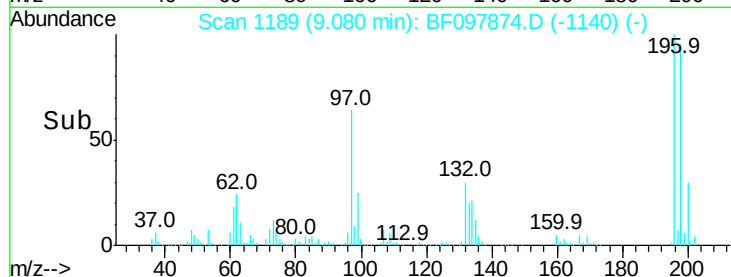
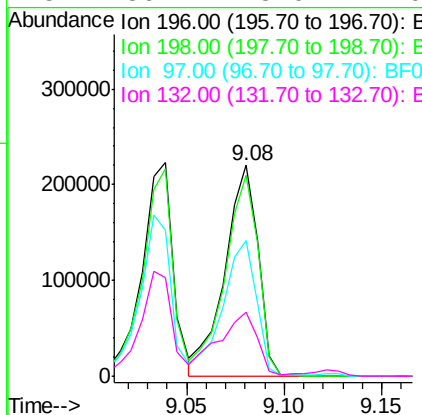
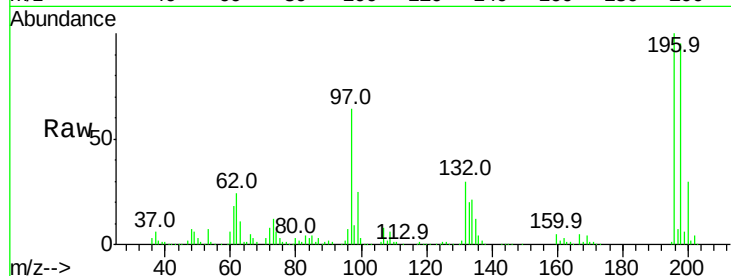
#43
 2,4,5-Trichlorophenol
 Concen: 47.499 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB101621BS

Tot Ion	196	Resp	260521
Ion Ratio	Lower	Upper	
196	100		
198	95.5	75.7	113.5
97	64.5	47.7	71.5
132	30.2	28.0	42.0

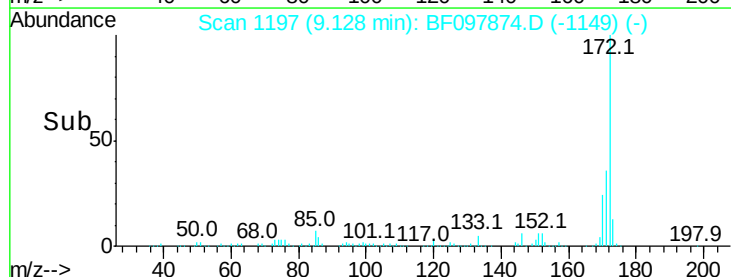
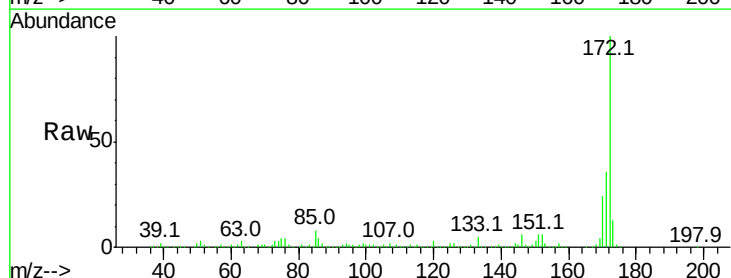
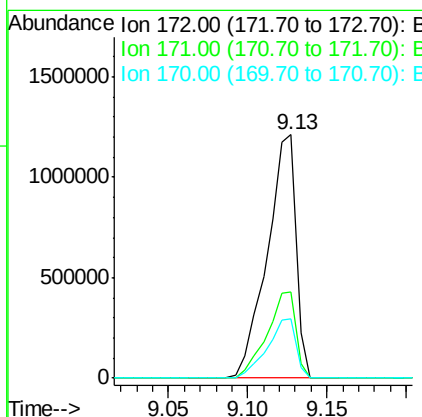
Manual Integrations
 APPROVED

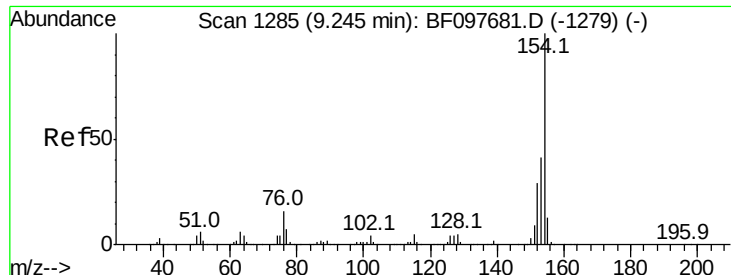
Sohil
 8/21/2017 5:19:46 PM



#44
 2-Fluorobiphenyl
 Concen: 84.109 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.02 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

Tgt Ion	172	Resp	1536090
Ion Ratio	Lower	Upper	
172	100		
171	35.5	29.6	44.4
170	24.5	19.8	29.8





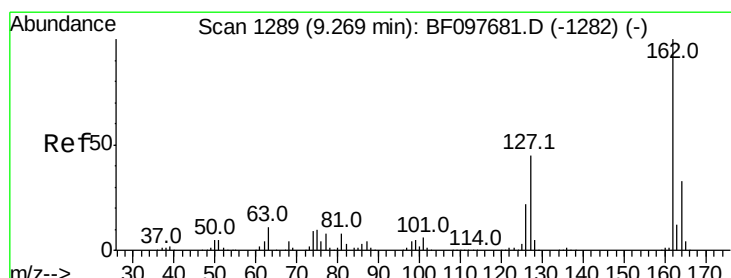
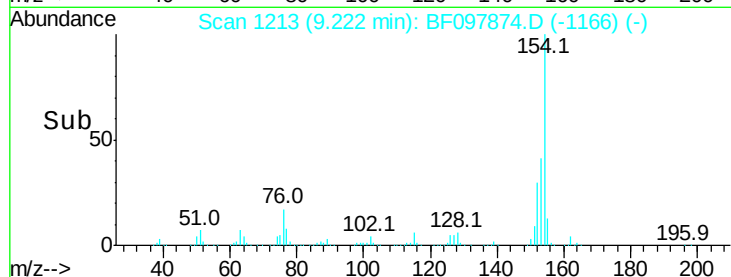
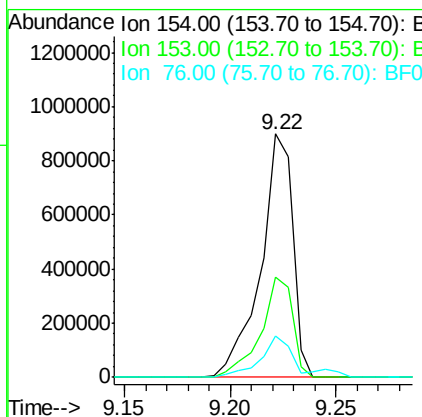
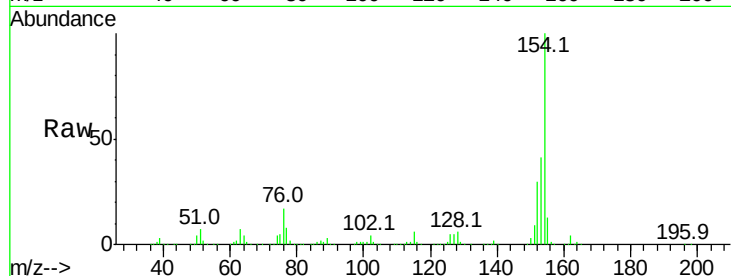
#45
 1,1'-Biphenyl
 Concen: 38.817 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.02 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB101621BS

Tot Ion	154	Resp	949790
Ion Ratio	Lower	Upper	
154	100		
153	41.2	21.2	61.2
76	16.8	0.0	29.9

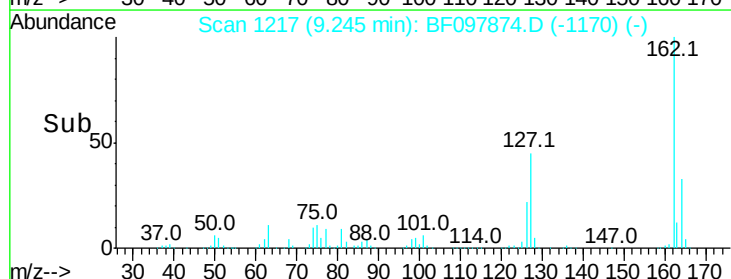
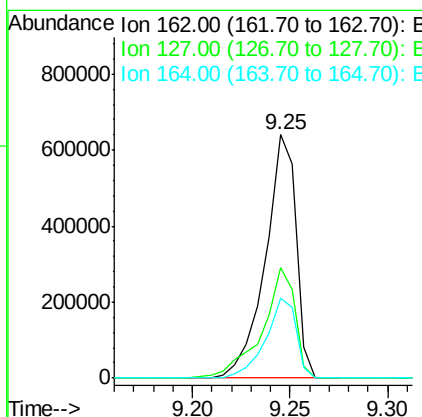
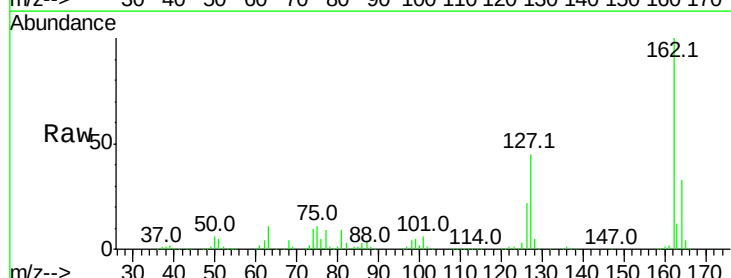
Manual Integrations
 APPROVED

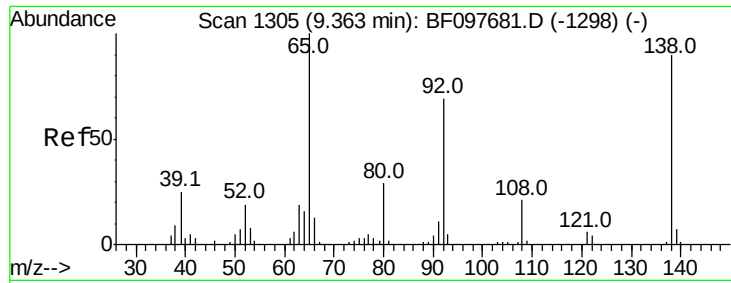
Sohil
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#46
 2-Chloronaphthalene
 Concen: 38.635 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.02 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

Tgt Ion	162	Resp	698491
Ion Ratio	Lower	Upper	
162	100		
127	45.1	28.3	42.5#
164	33.0	27.0	40.4





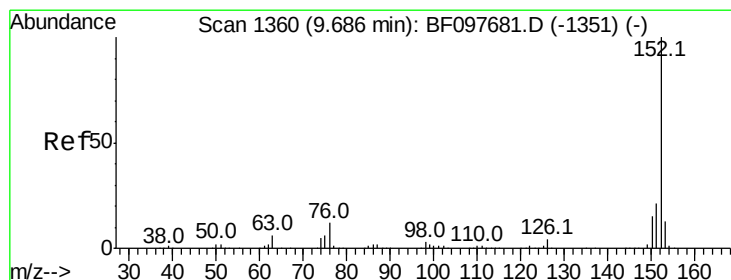
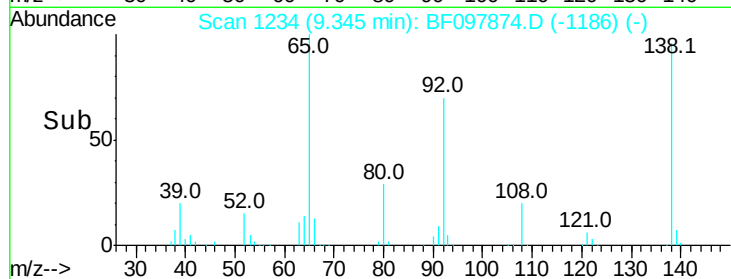
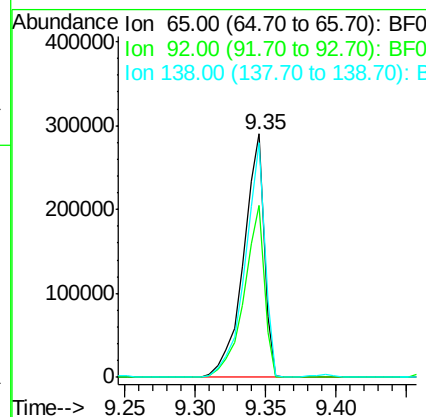
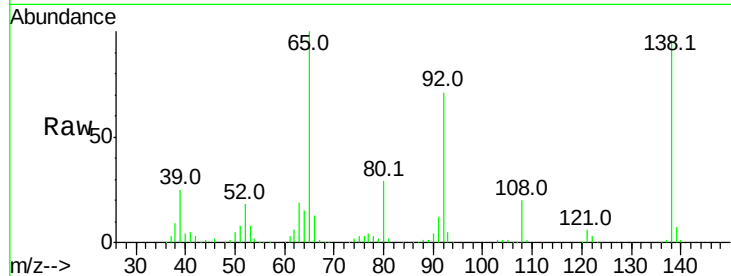
#47
2-Nitroaniline
Concen: 49.052 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.02 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

Instrument :
BNA_F
ClientSampleId :
PB101621BS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	297295		
92	70.7	53.9	80.9	
138	96.5	78.8	118.2	

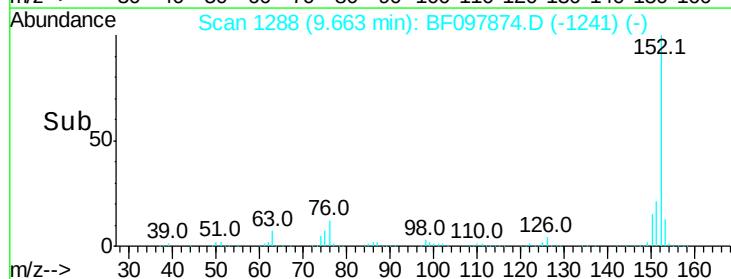
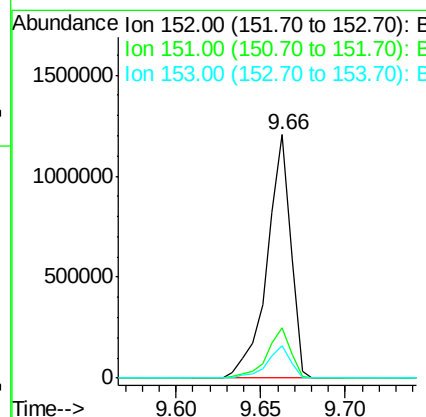
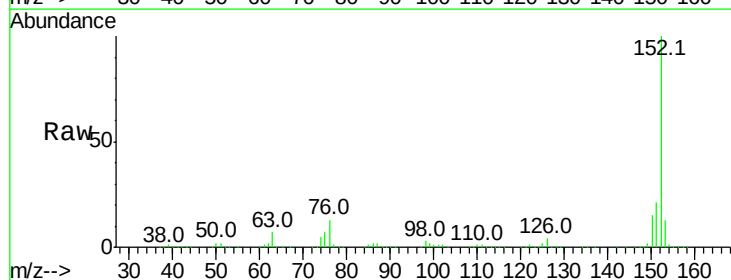
Manual Integrations
APPROVED

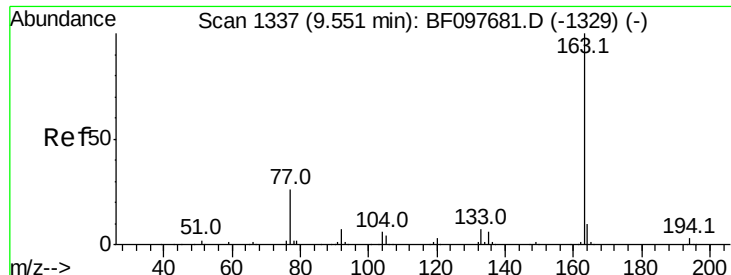
Sohil
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#48
Acenaphthylene
Concen: 41.251 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.02 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1171145		
151	20.9	16.8	25.2	
153	13.3	10.8	16.2	





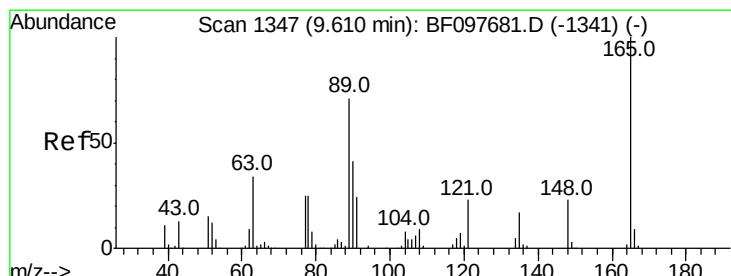
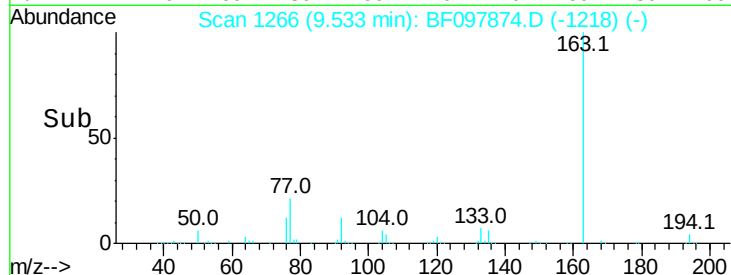
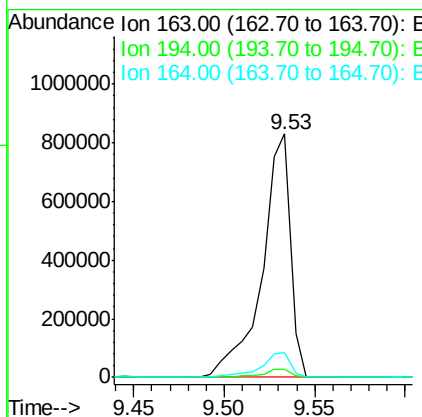
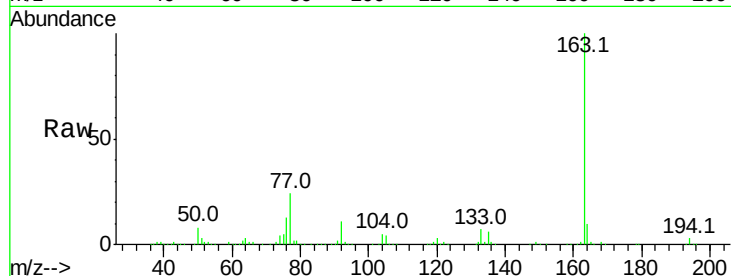
#49
Dimethylphthalate
Concen: 46.161 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

Instrument :
BNA_F
ClientSampled :
PB101621BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	2.6	4.0	
164	9.9	8.4	12.6	

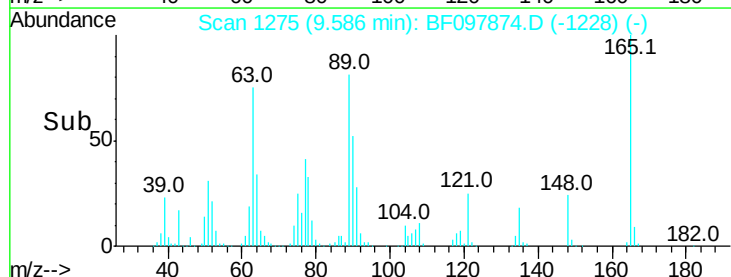
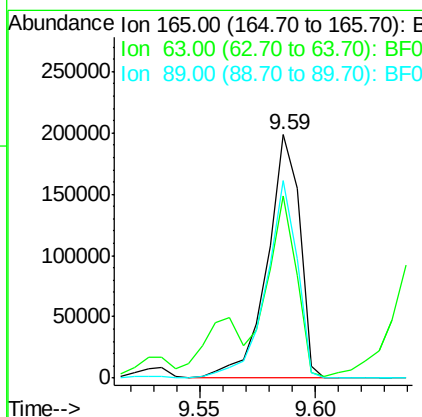
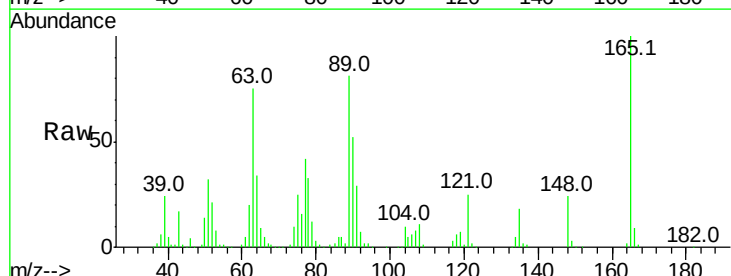
Manual Integrations
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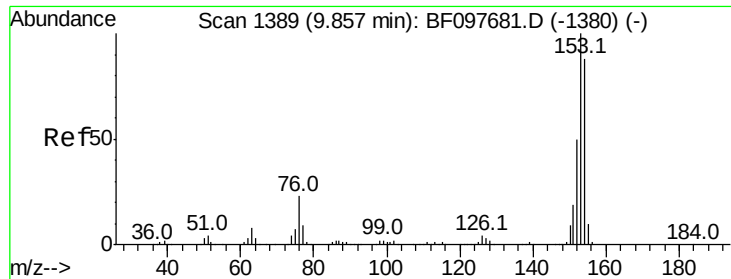
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#50
2,6-Dinitrotoluene
Concen: 49.477 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	75.1	34.3	51.5#	
89	81.0	37.1	55.7#	





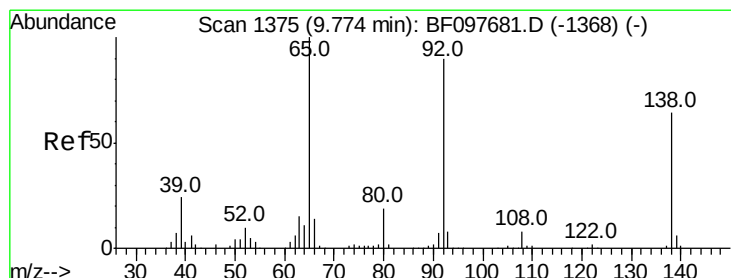
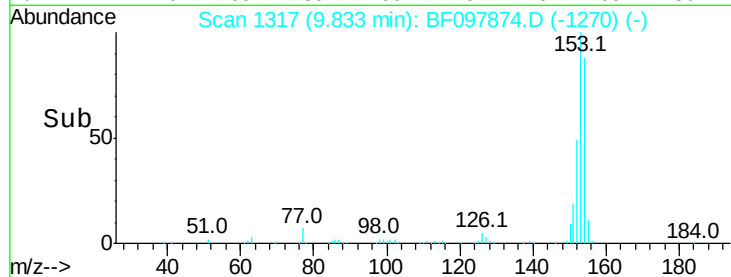
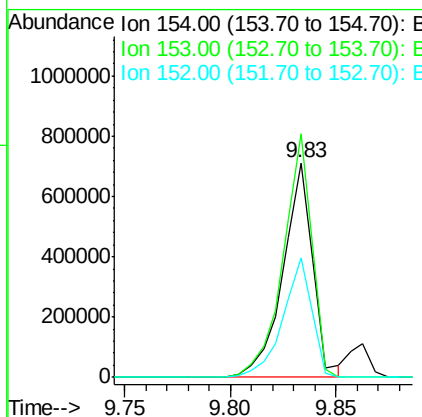
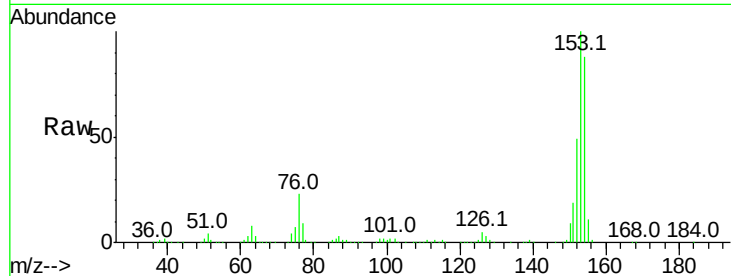
#51
Acenaphthene
Concen: 39.144 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

Instrument :
BNA_F
ClientSampled :
PB101621BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.4	90.5	135.7
152	55.8	43.6	65.4

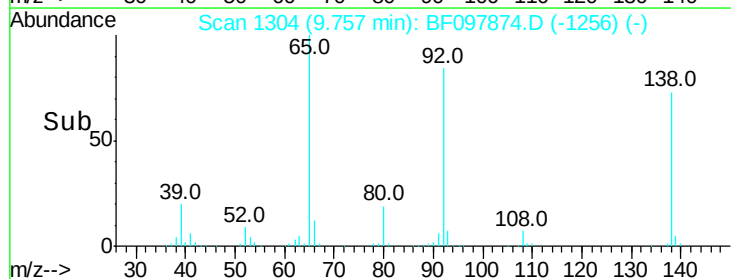
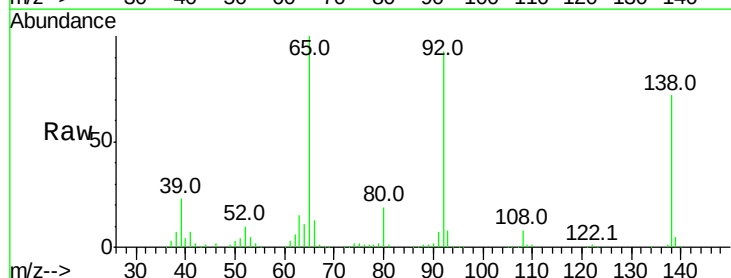
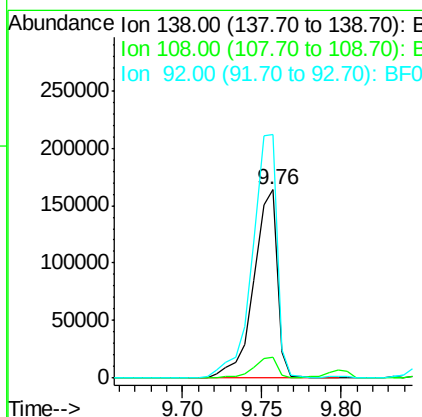
Manual Integrations
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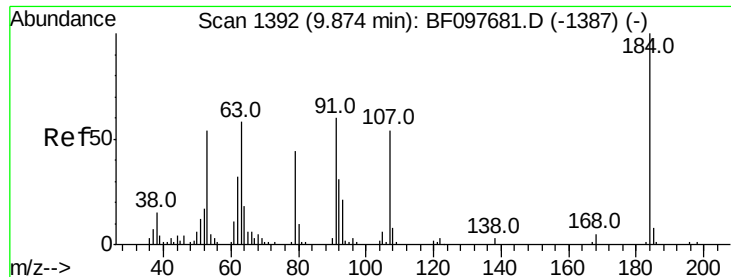
Sohil
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#52
3-Nitroaniline
Concen: 33.626 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.2	9.1	13.7
92	129.5	93.8	140.6





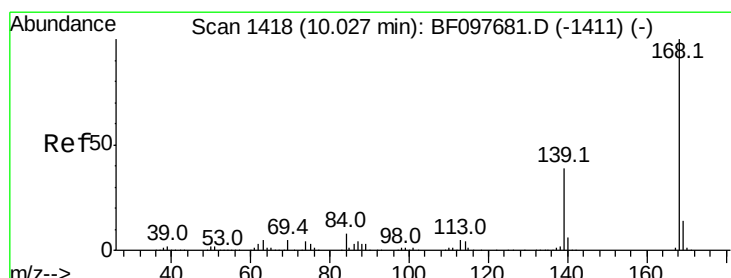
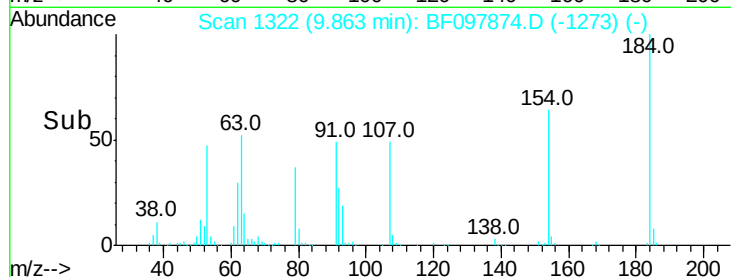
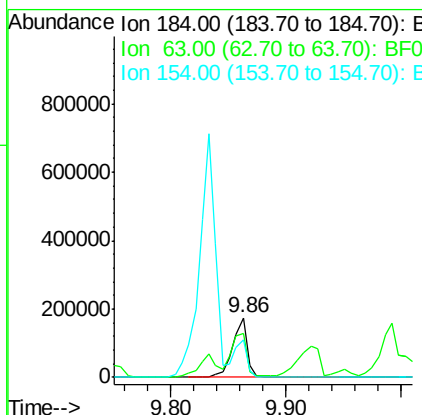
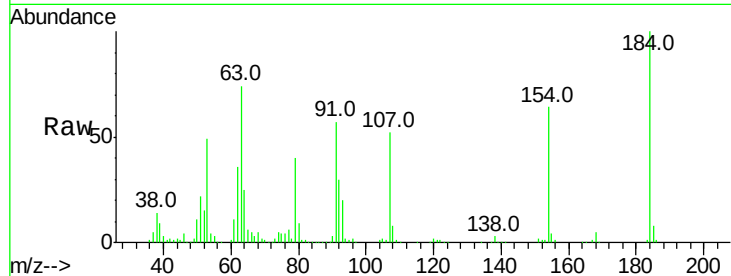
#53
2,4-Dinitrophenol
Concen: 82.158 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

Instrument :
BNA_F
ClientSampleId :
PB101621BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	74.2	62.7	94.1	
154	63.6	81.1	121.7	

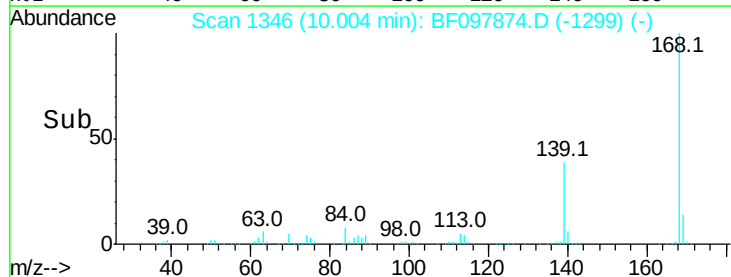
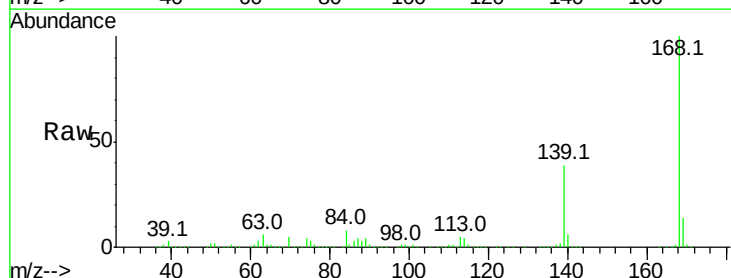
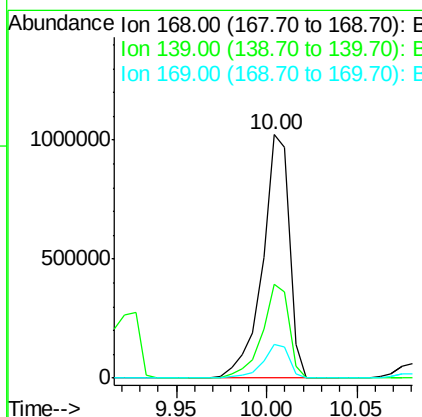
Manual Integrations
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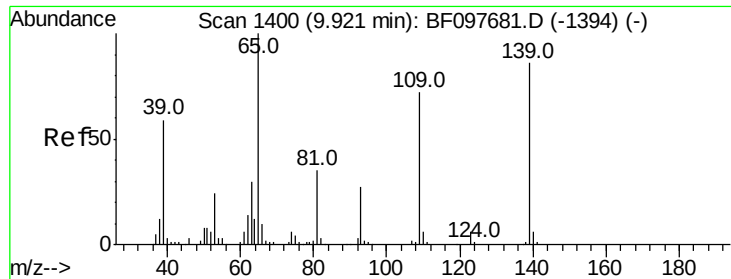
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#54
Dibenzofuran
Concen: 44.061 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.02 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.8	30.6	45.8	
169	13.6	10.8	16.2	





#55

4-Nitrophenol

Concen: 89.501 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.01 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

Instrument :

BNA_F

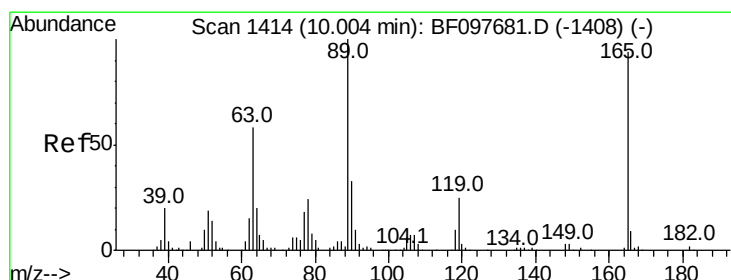
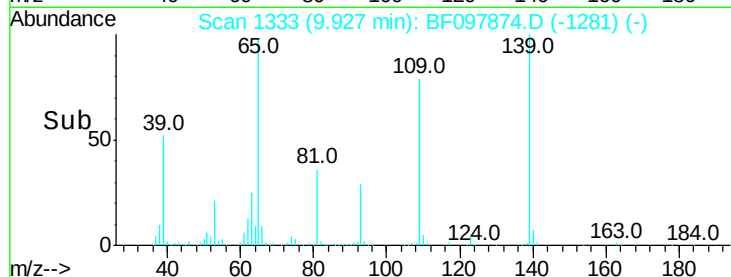
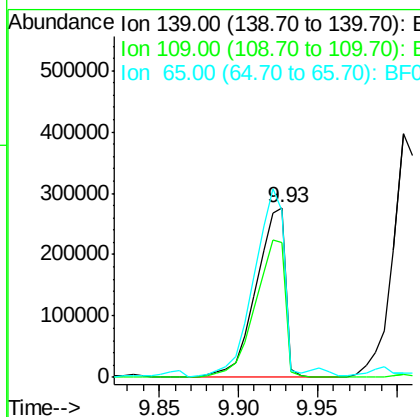
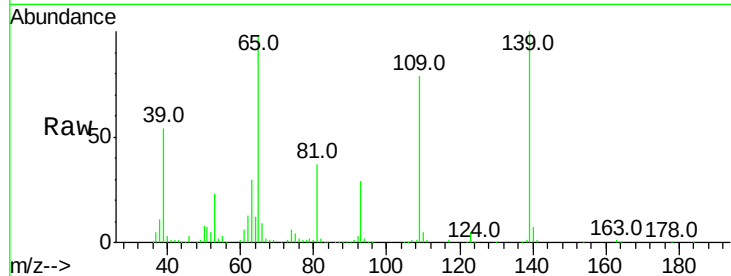
ClientSampled :

PB101621BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	79.2	34.1	74.1#	
65	98.3	31.4	71.4#	

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#56

2,4-Dinitrotoluene

Concen: 52.080 ng

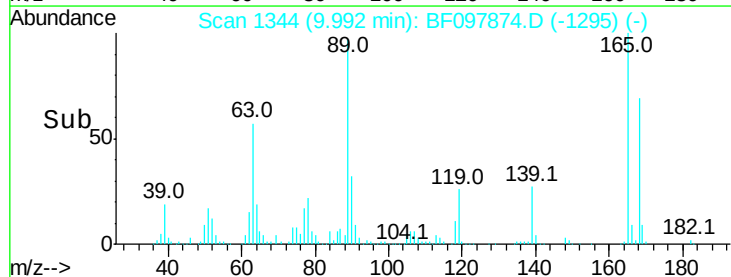
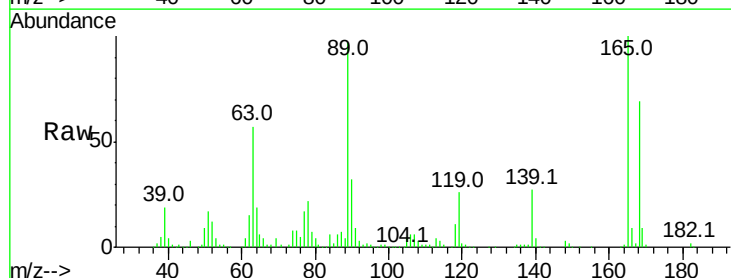
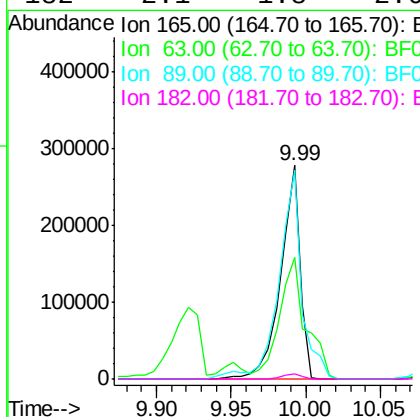
RT: 9.99 min Scan# 1344

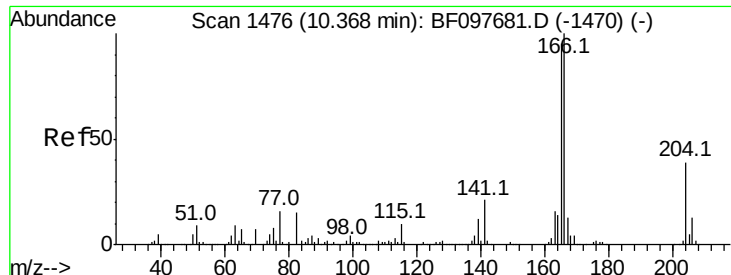
Delta R.T. -0.01 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	56.8	25.4	38.0#	
89	97.4	46.4	69.6#	
182	2.1	1.8	2.6	





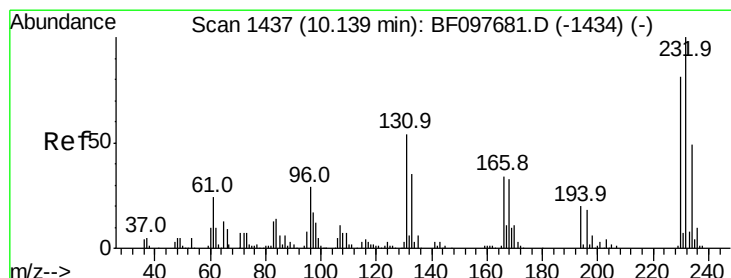
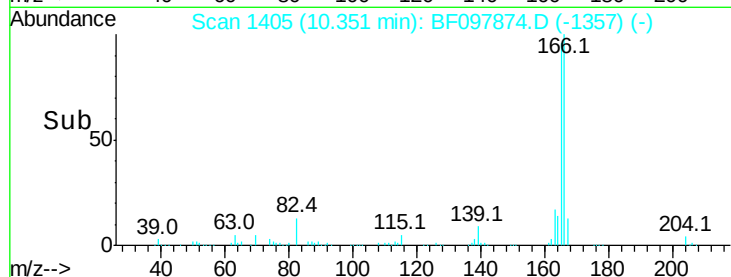
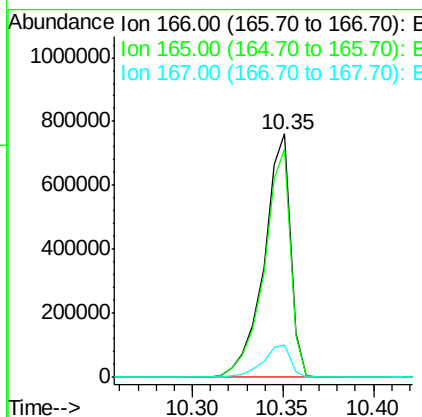
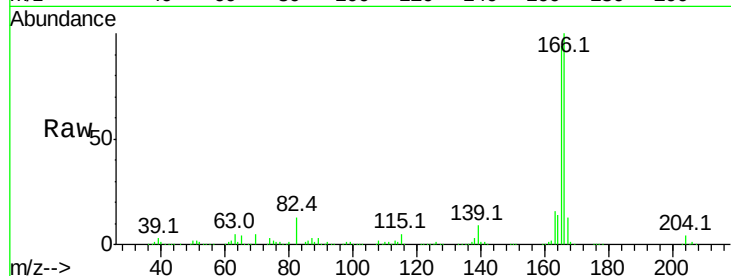
#57
Fluorene
 Concen: 41.452 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. -0.02 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB101621BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	769088		
165	93.9		78.8	118.2
167	13.4		10.6	16.0

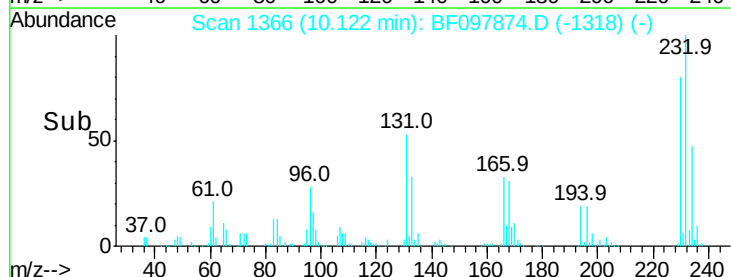
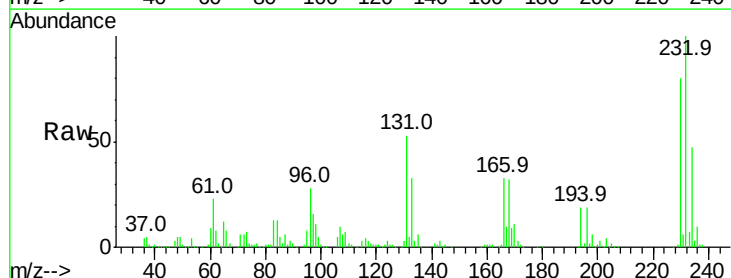
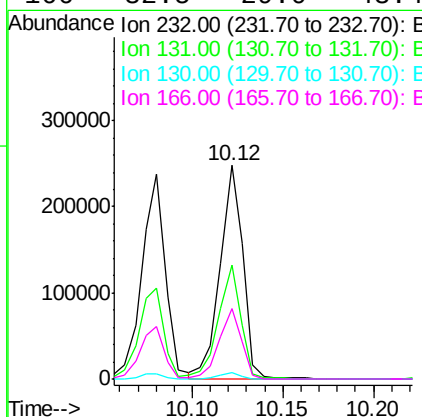
Manual Integrations
APPROVED

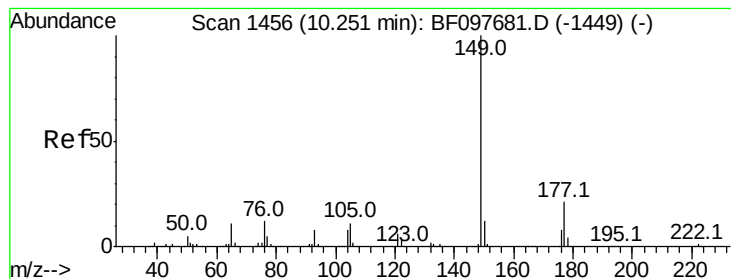
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 50.878 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. -0.02 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	216051		
131	52.9		44.8	67.2
130	2.9		2.3	3.5
166	32.5		29.0	43.4





#59

Diethylphthalate

Concen: 46.541 ng

RT: 10.23 min Scan# 1384

Delta R.T. -0.02 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

Instrument :

BNA_F

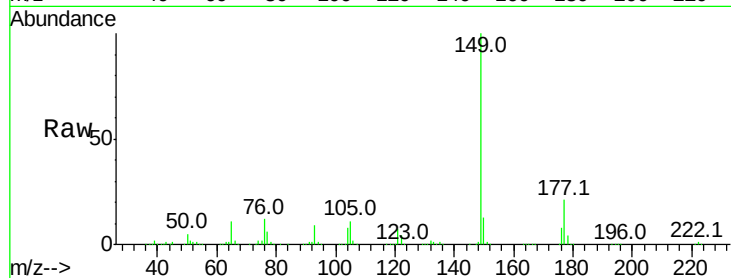
ClientSampleId :

PB101621BS

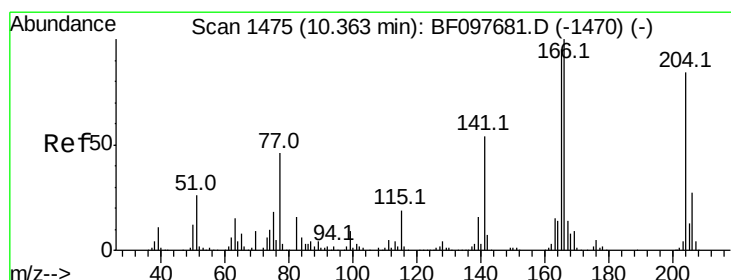
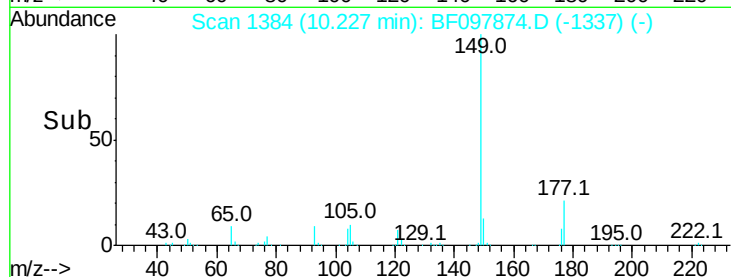
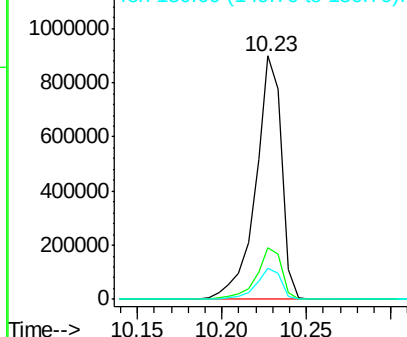
Tot Ion:	149	Resp:	954578
Ion Ratio	Lower	Upper	
149	100		
177	21.0	16.7	25.1
150	13.0	10.2	15.2

Manual Integrations
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8/21/2017 5:19:46 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 42.067 ng

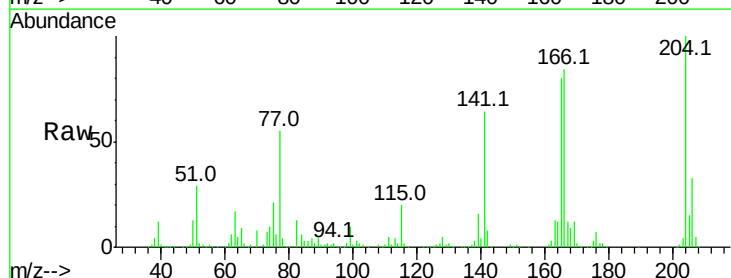
RT: 10.34 min Scan# 1403

Delta R.T. -0.02 min

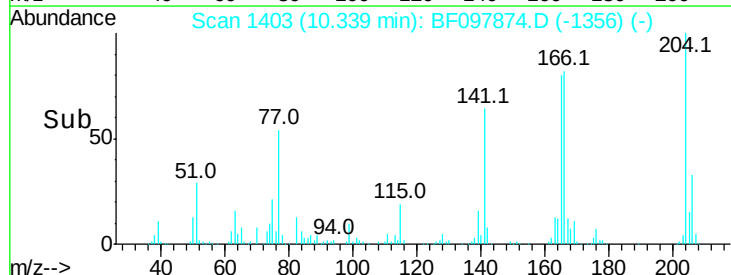
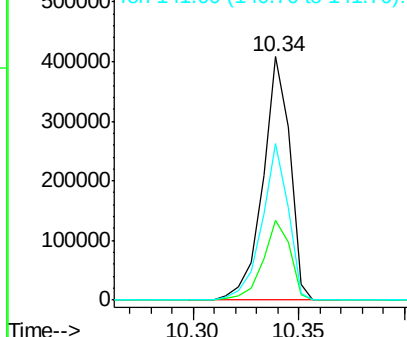
Lab File: BF097874.D

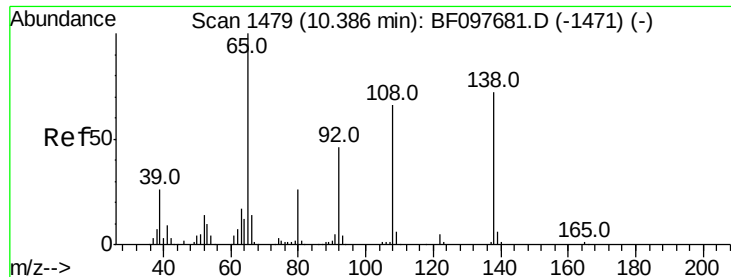
Acq: 19 Aug 2017 13:07

Tgt Ion:	204	Resp:	362595
Ion Ratio	Lower	Upper	
204	100		
206	32.7	26.2	39.2
141	64.5	60.8	91.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 46.391 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

Instrument :

BNA_F

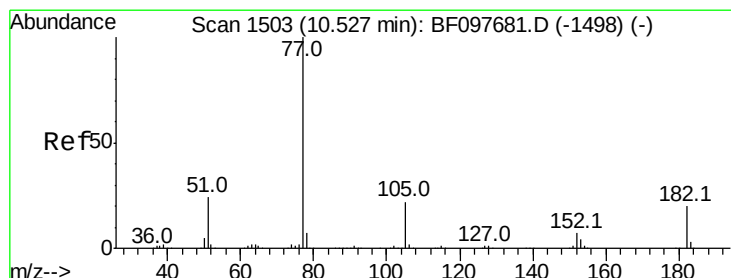
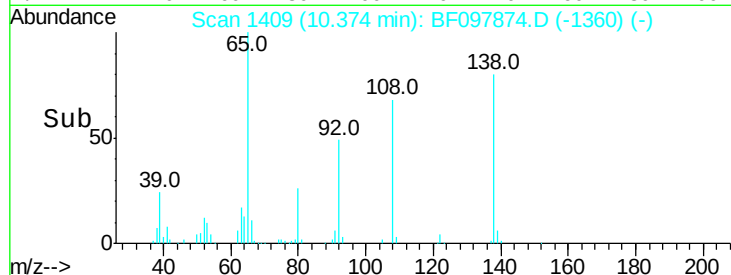
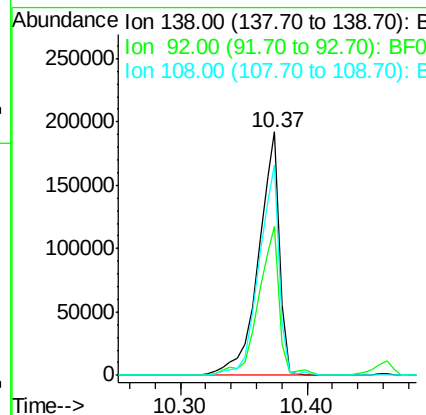
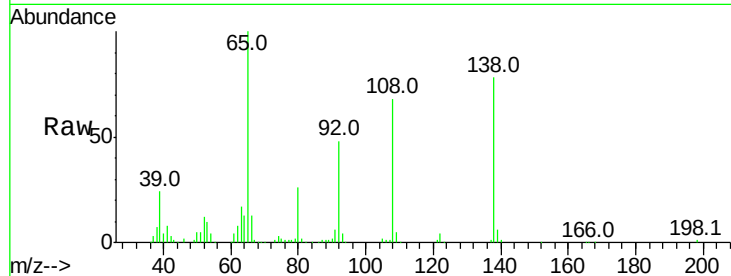
ClientSampled :

PB101621BS

Tot Ion:	138	Resp:	222713
Ion Ratio	Lower	Upper	
138	100		
92	61.0	21.8	61.8
108	86.3	42.3	82.3#

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#62

Azobenzene

Concen: 46.331 ng

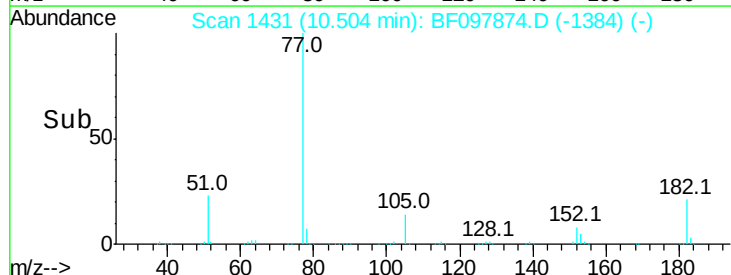
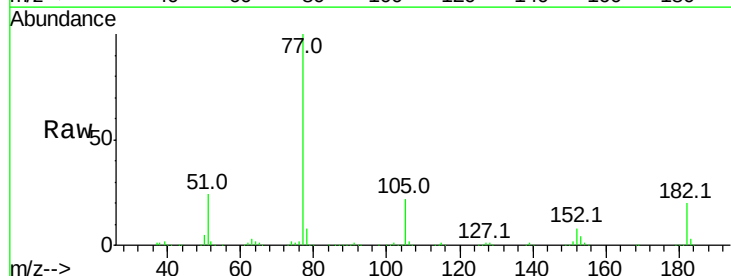
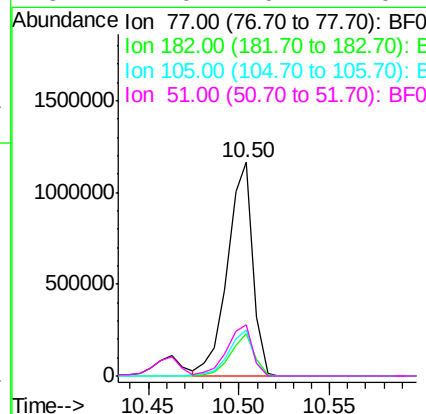
RT: 10.50 min Scan# 1431

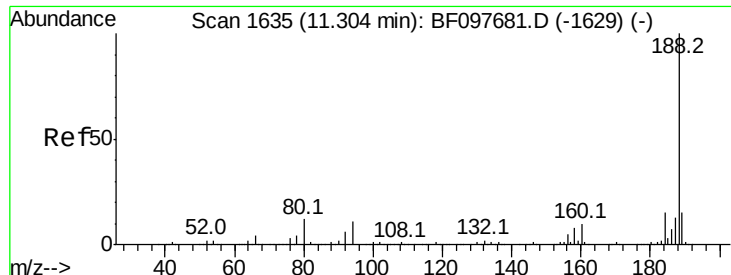
Delta R.T. -0.02 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

Tgt Ion:	77	Resp:	1128788
Ion Ratio	Lower	Upper	
77	100		
182	19.7	0.1	40.1
105	21.7	3.6	43.6
51	24.0	9.4	49.4





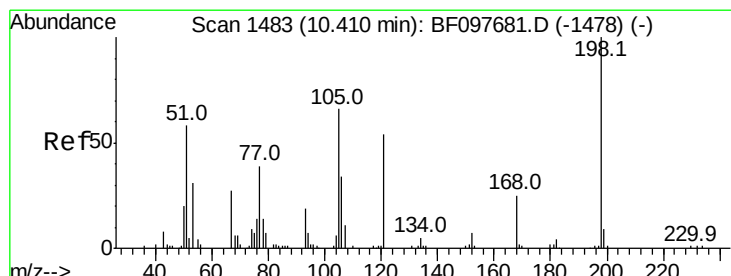
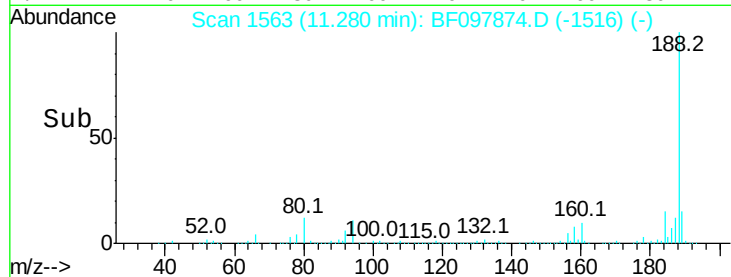
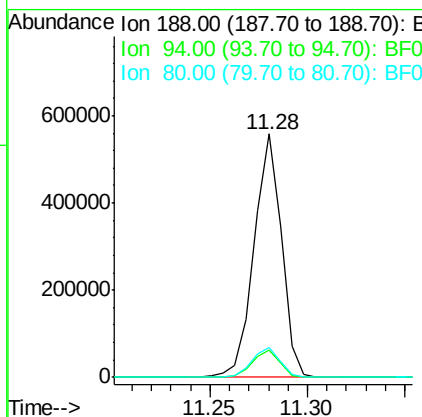
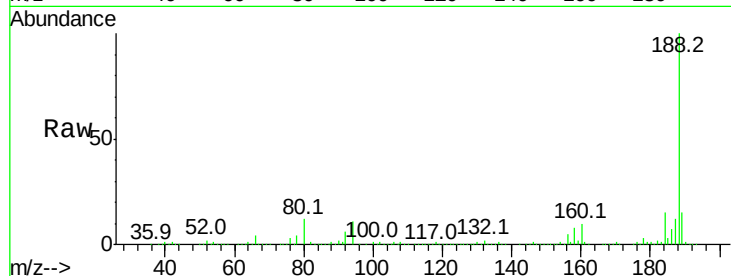
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.02 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

Instrument :
BNA_F
ClientSampleId :
PB101621BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.3	9.4	14.2	
80	12.1	10.2	15.2	

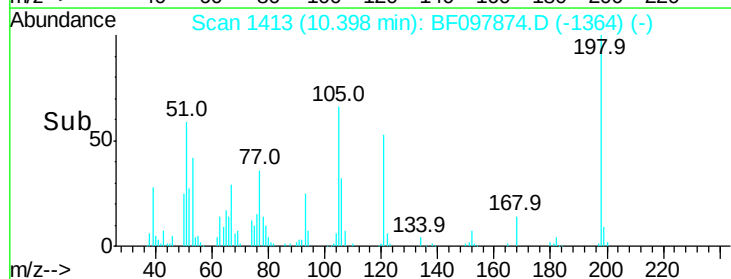
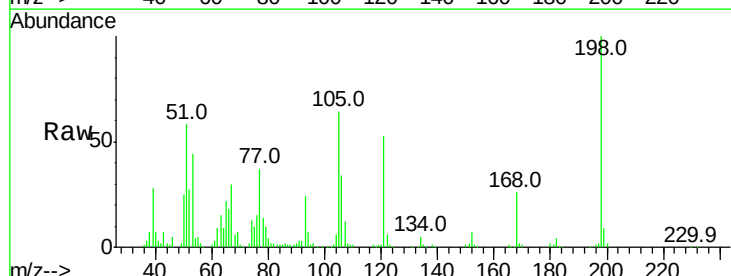
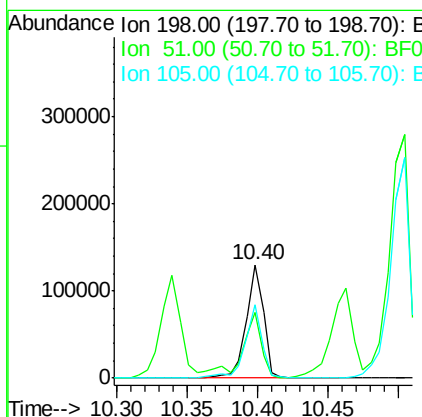
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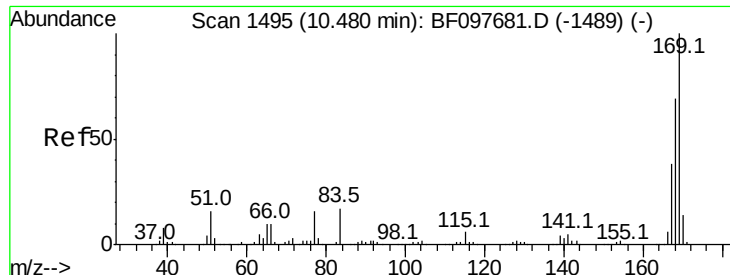
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#64
4,6-Dinitro-2-methylphenol
Concen: 44.505 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	58.0	53.2	93.2	
105	64.5	45.8	85.8	





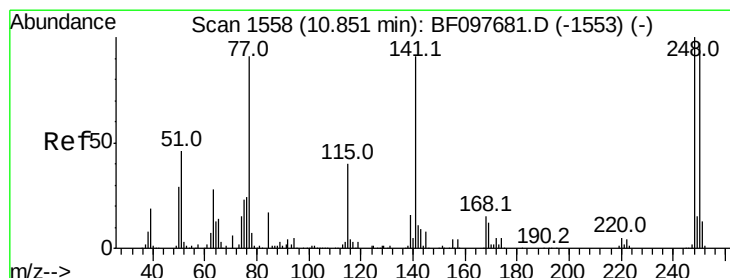
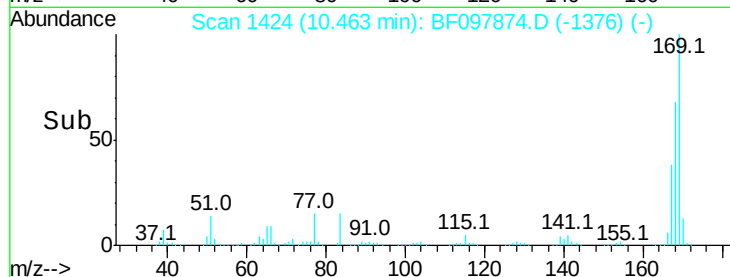
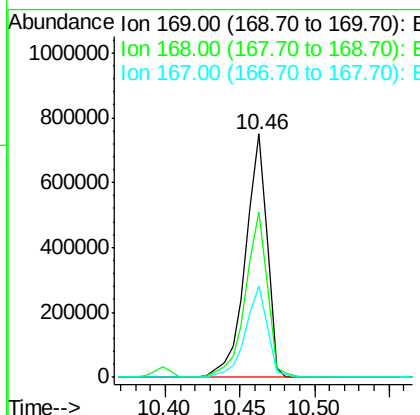
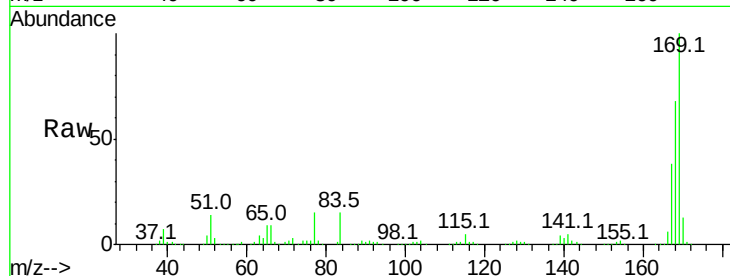
#65
 n-Nitrosodiphenylamine
 Concen: 40.453 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.02 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB101621BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	748412		
168	68.1	53.2	79.8	
167	37.6	29.5	44.3	

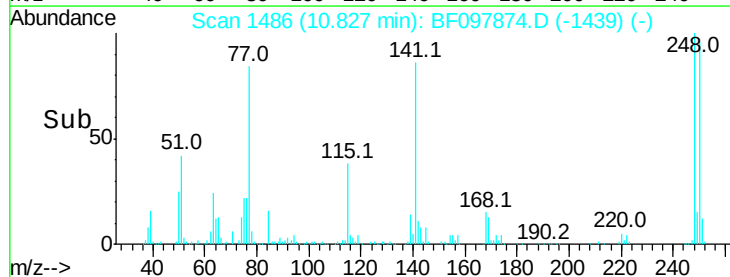
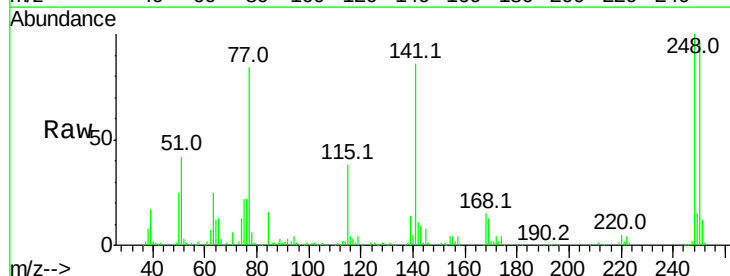
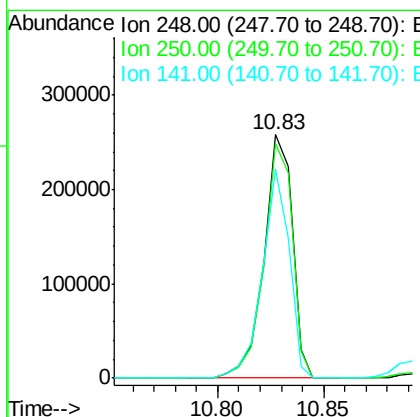
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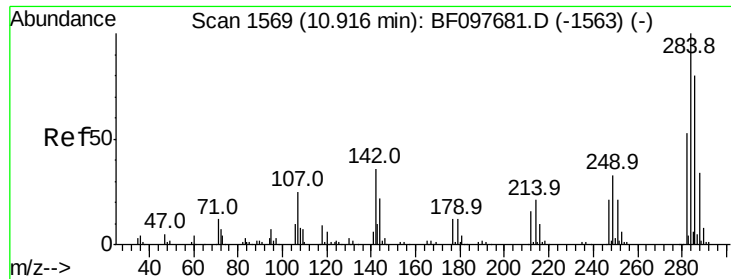
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#66
 4-Bromophenyl-phenylether
 Concen: 43.131 ng
 RT: 10.83 min Scan# 1486
 Delta R.T. -0.02 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	243337		
250	96.3	76.8	115.2	
141	85.8	68.6	103.0	





#67

Hexachlorobenzene

Concen: 40.206 ng

RT: 10.89 min Scan# 1497

Delta R.T. -0.02 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

Instrument :

BNA_F

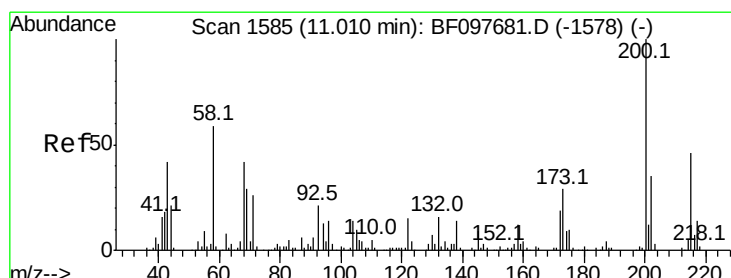
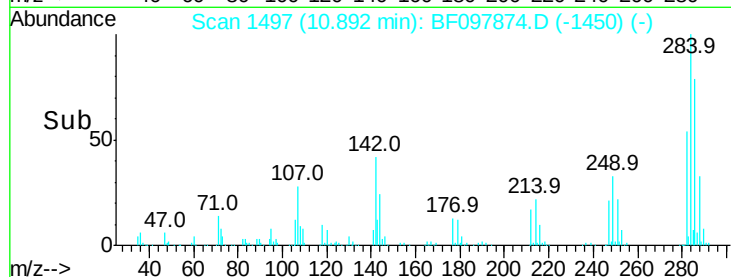
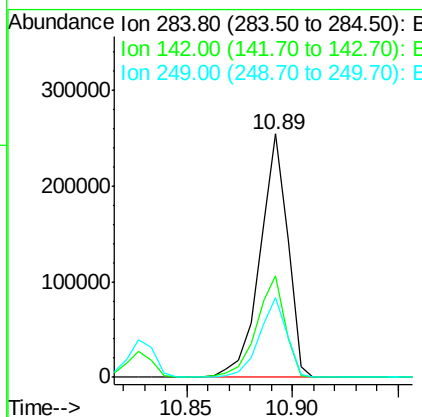
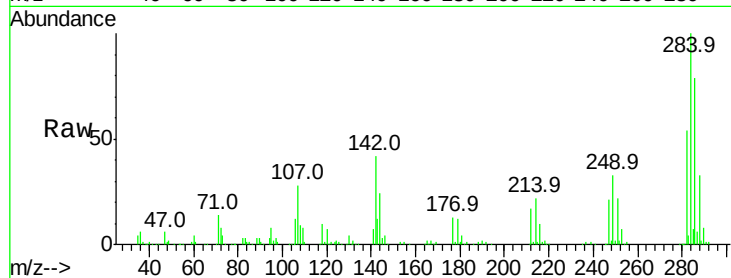
ClientSampleId :

PB101621BS

Tot Ion:	284	Resp:	231202
Ion Ratio	Lower	Upper	
284	100		
142	41.6	22.8	34.2#
249	32.7	24.0	36.0

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#68

Atrazine

Concen: 47.700 ng

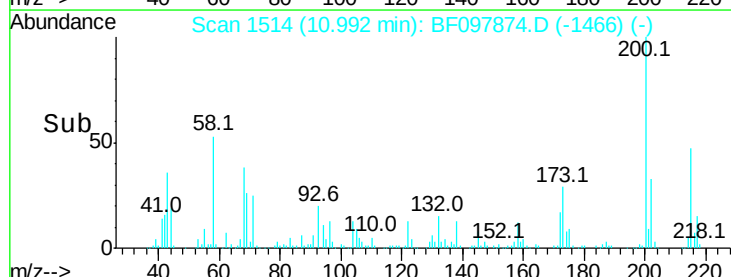
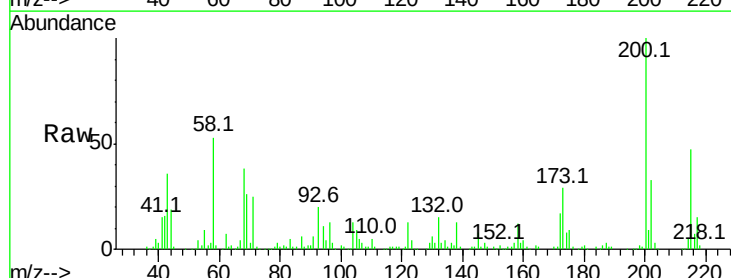
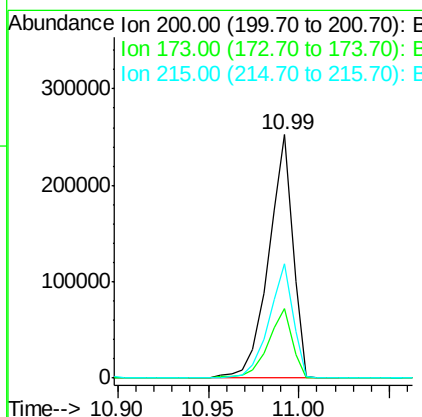
RT: 10.99 min Scan# 1514

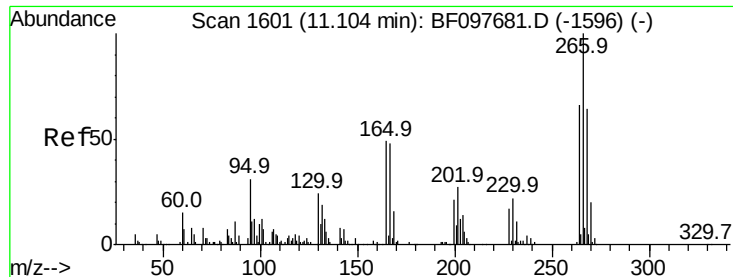
Delta R.T. -0.02 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

Tgt Ion:	200	Resp:	234040
Ion Ratio	Lower	Upper	
200	100		
173	28.6	6.3	46.3
215	46.8	27.2	67.2





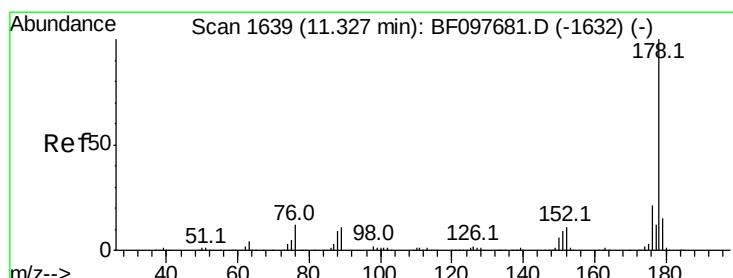
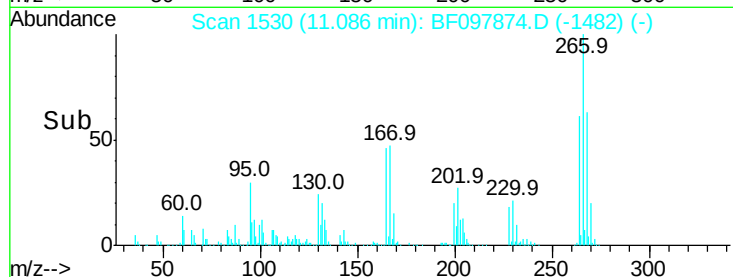
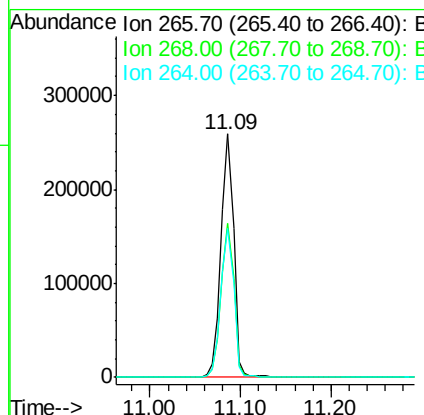
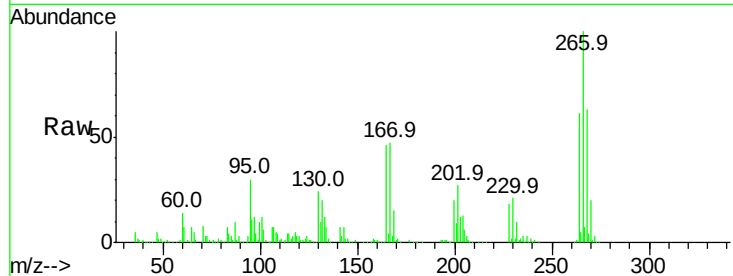
#69
 Pentachlorophenol
 Concen: 75.233 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. -0.02 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB101621BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	252245		
268	63.4	51.1	76.7	
264	61.3	51.7	77.5	

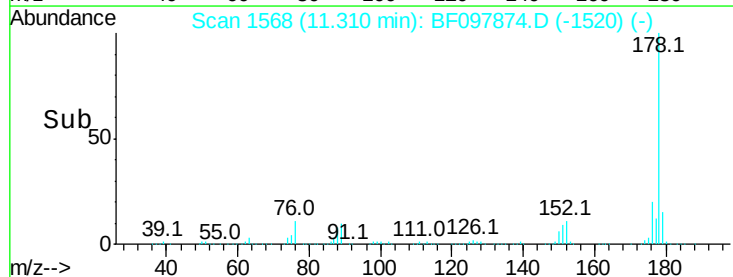
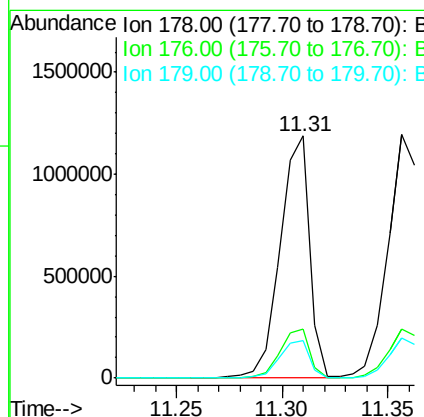
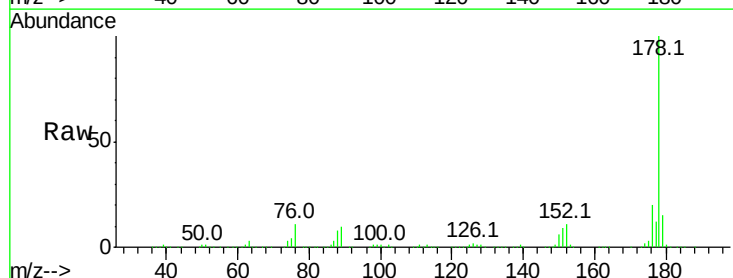
Manual Integrations
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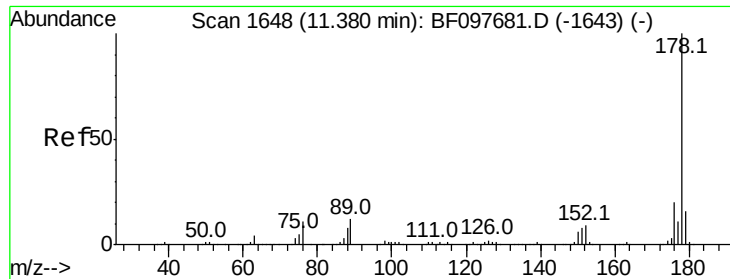
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#70
 Phenanthrene
 Concen: 39.943 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.02 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1156376		
176	20.3	16.2	24.4	
179	15.5	12.6	19.0	





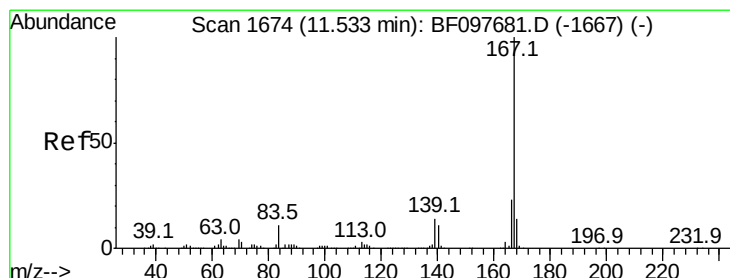
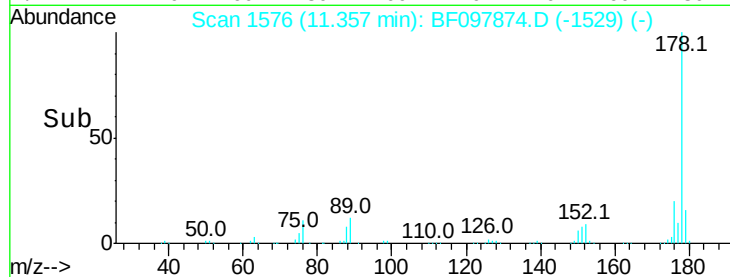
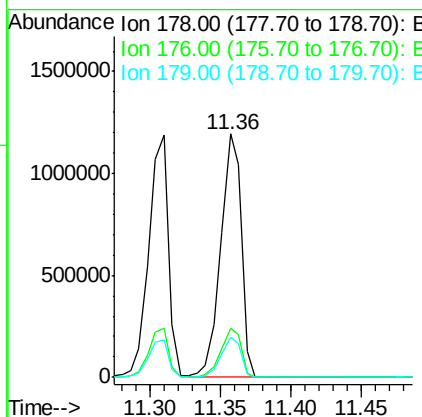
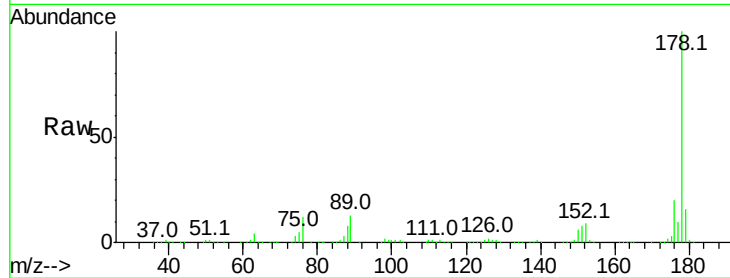
#71
 Anthracene
 Concen: 41.210 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.02 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB101621BS

Tot Ion:178 Resp: 1210100
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.8 23.8
 179 16.3 12.7 19.1

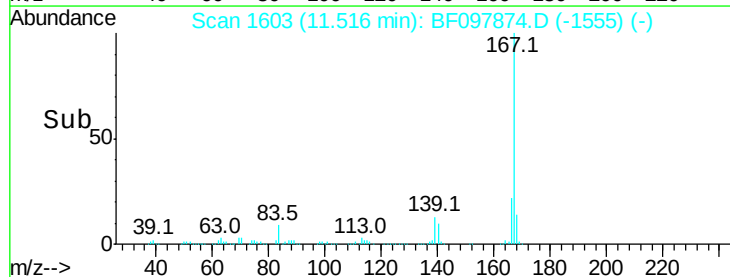
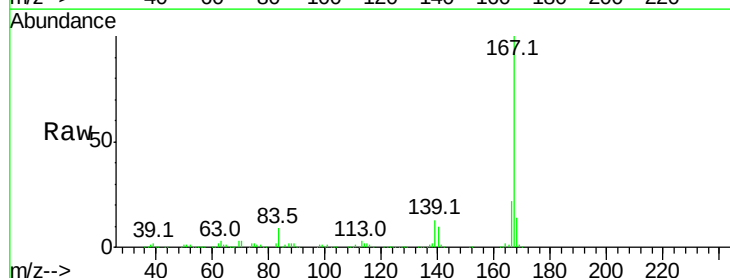
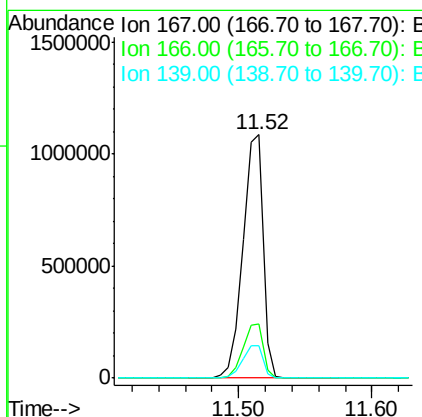
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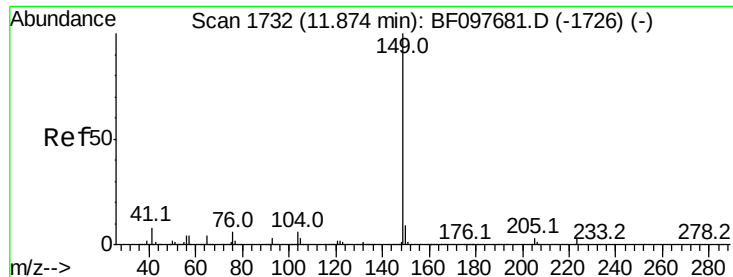
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#72
 Carbazole
 Concen: 40.719 ng
 RT: 11.52 min Scan# 1603
 Delta R.T. -0.02 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

Tgt Ion:167 Resp: 1134954
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.1 27.1
 139 13.4 11.7 17.5





#73

Di-n-butylphthalate

Concen: 46.847 ng

RT: 11.85 min Scan# 1660

Delta R.T. -0.02 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

Instrument :

BNA_F

ClientSampleId :

PB101621BS

Tot Ion:149 Resp: 1504025

Ion Ratio Lower Upper

149 100

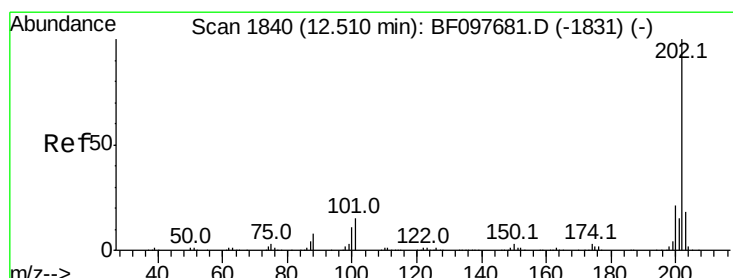
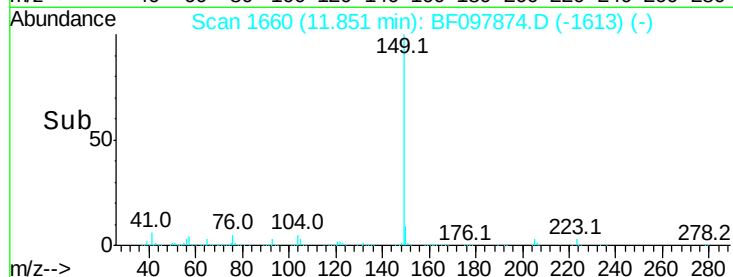
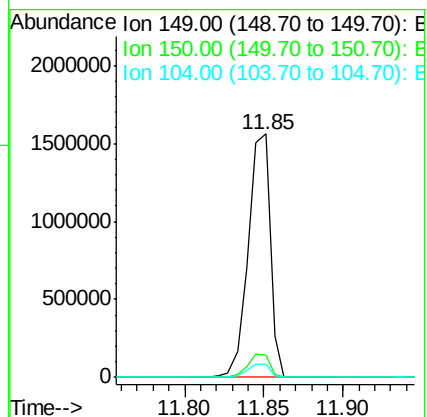
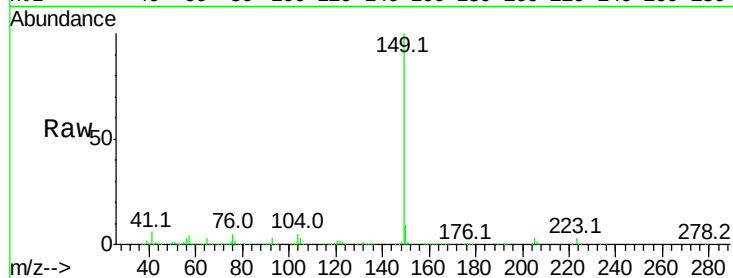
150 9.1 7.7 11.5

104 5.2 4.0 6.0

Manual Integrations
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#74

Fluoranthene

Concen: 41.215 ng

RT: 12.49 min Scan# 1769

Delta R.T. -0.02 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

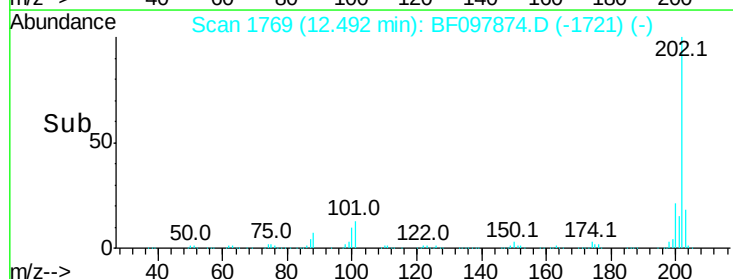
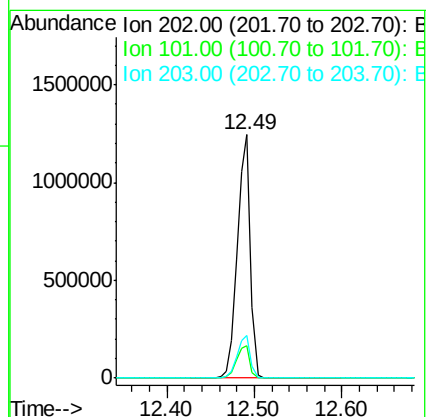
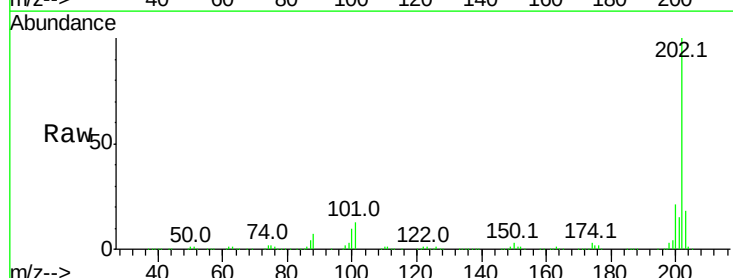
Tgt Ion:202 Resp: 1245434

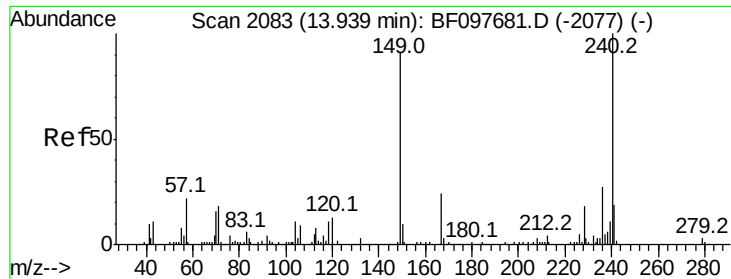
Ion Ratio Lower Upper

202 100

101 13.2 0.0 33.2

203 17.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.02 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

Instrument :

BNA_F

ClientSampleId :

PB101621BS

Tot Ion:240 Resp: 374745
Ion Ratio Lower Upper

240 100

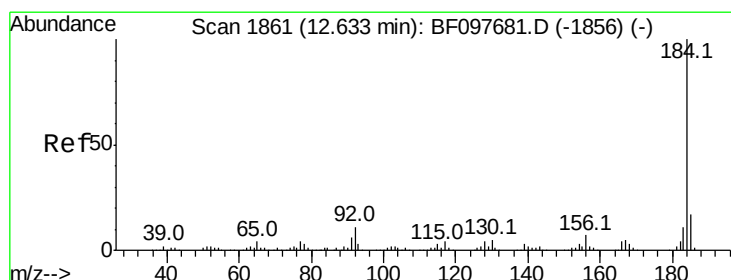
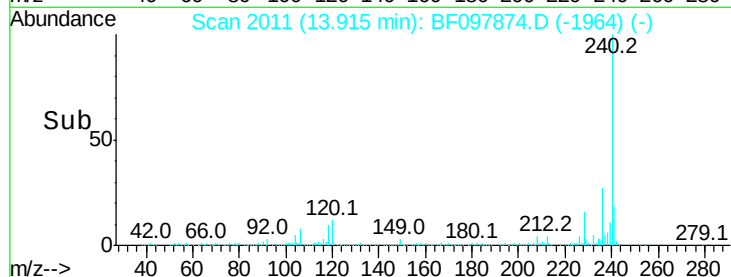
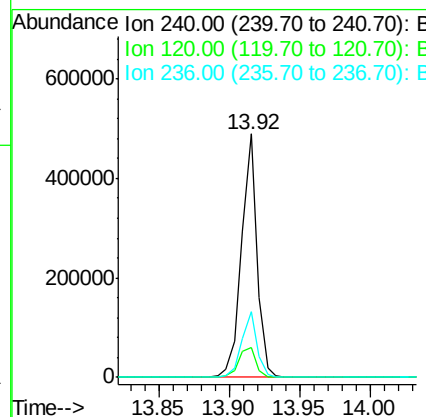
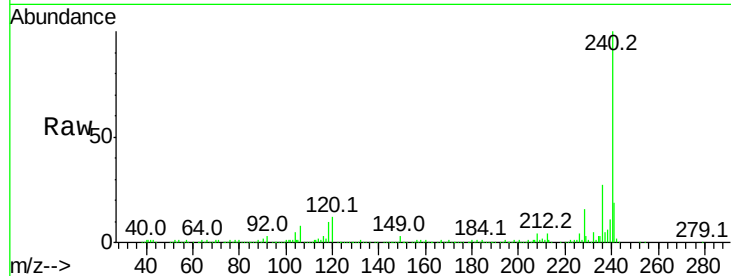
120 12.0 5.8 8.8#

236 27.2 20.5 30.7

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#76

Benzidine

Concen: 26.083 ng m

RT: 12.61 min Scan# 1789

Delta R.T. -0.02 min

Lab File: BF097874.D

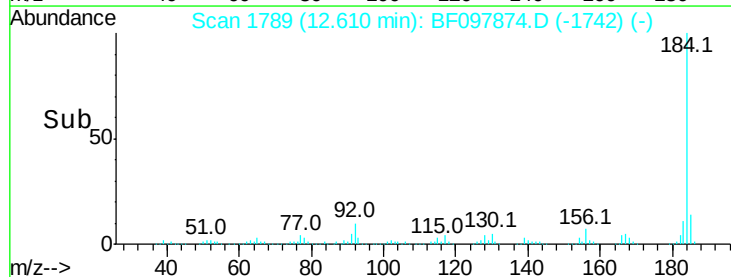
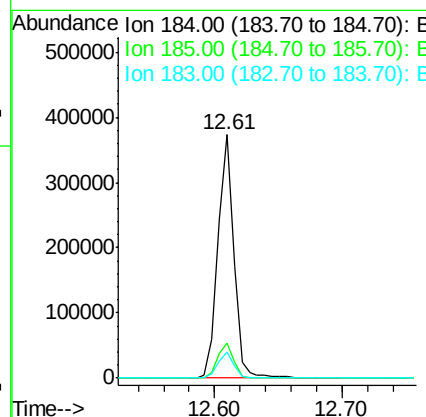
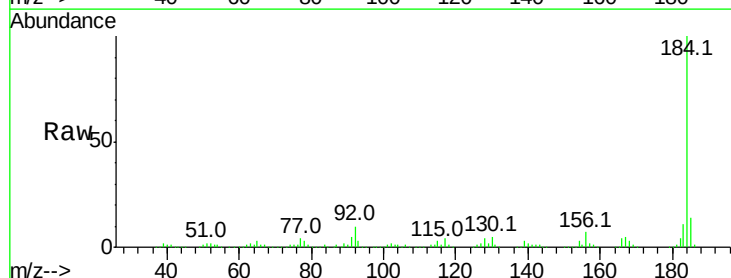
Acq: 19 Aug 2017 13:07

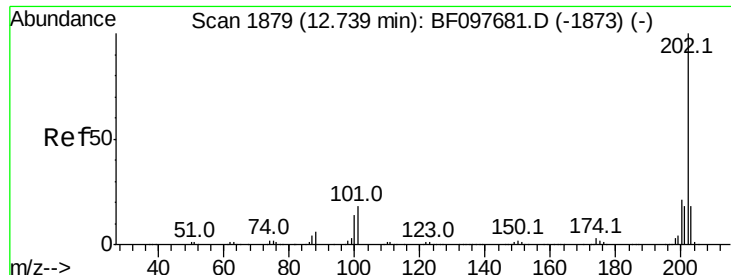
Tgt Ion:184 Resp: 320480
Ion Ratio Lower Upper

184 100

185 14.3 15.5 23.3#

183 10.6 9.8 14.6





#77

Pvrene

Concen: 41.492 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.02 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

Instrument :

BNA_F

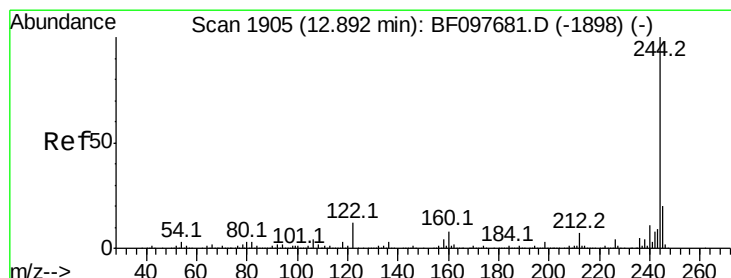
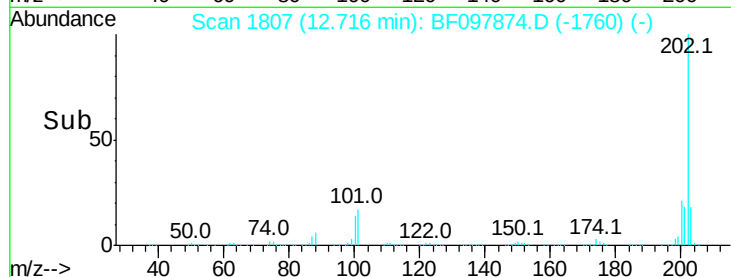
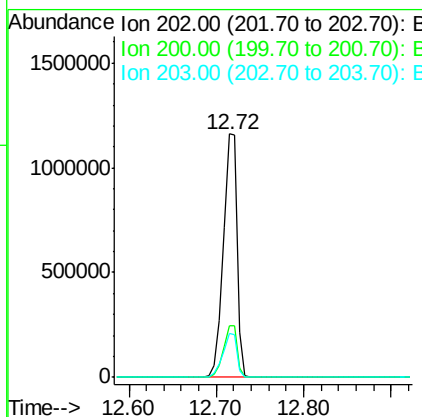
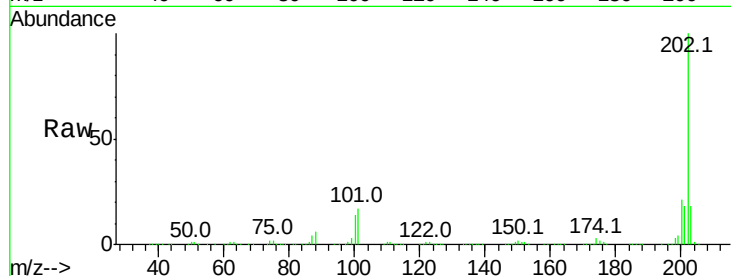
ClientSampled :

PB101621BS

Tot Ion:	202	Resp:	1271714
Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	18.0	14.4	21.6

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#78

Terphenyl-d14

Concen: 77.624 ng

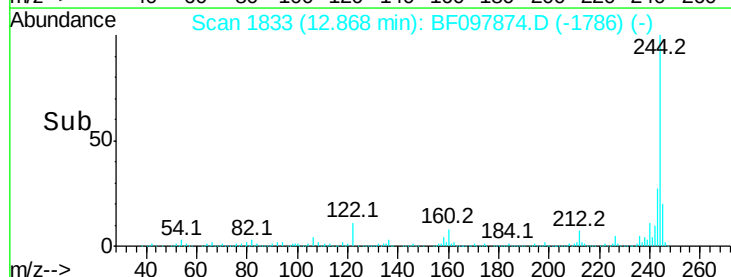
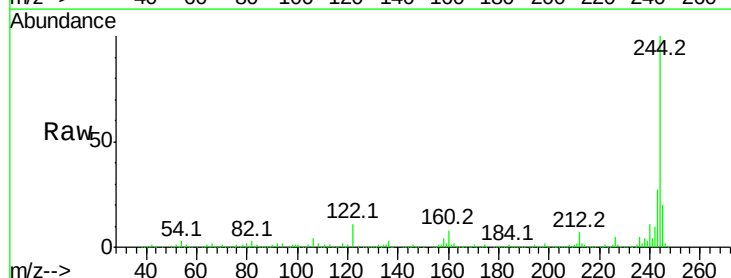
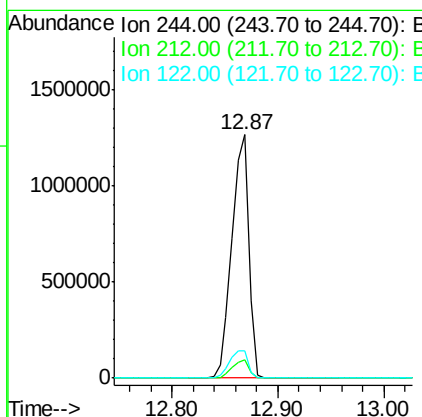
RT: 12.87 min Scan# 1833

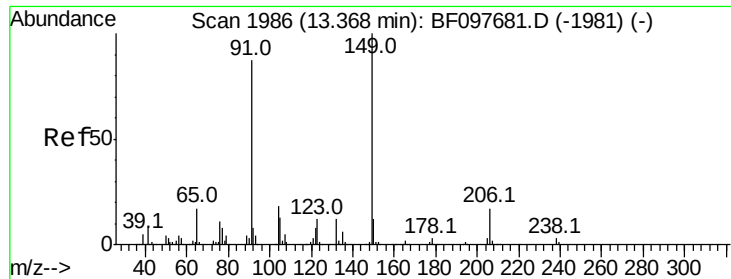
Delta R.T. -0.02 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

Tgt Ion:	244	Resp:	1394941
Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	11.5	10.3	15.5





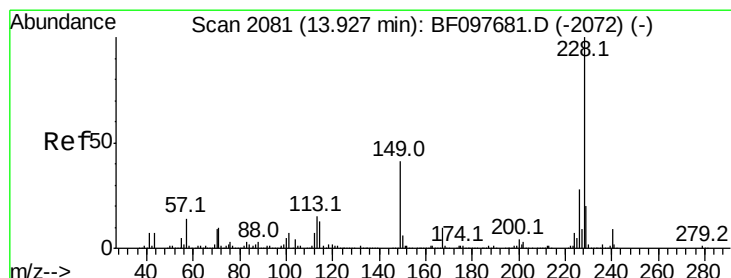
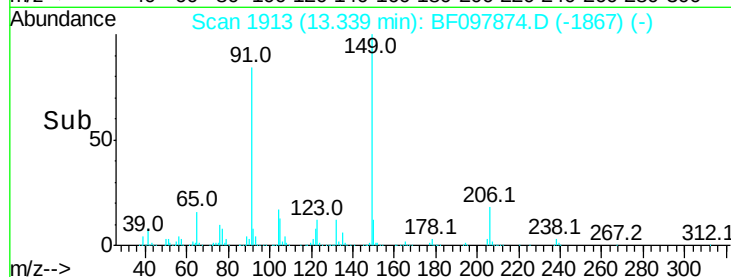
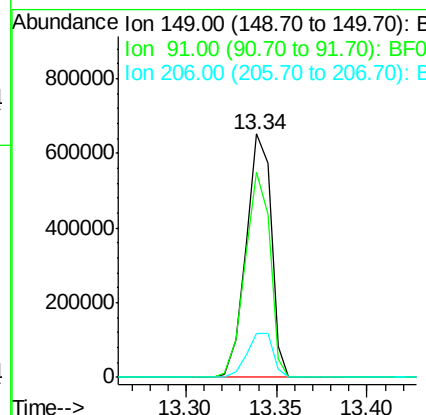
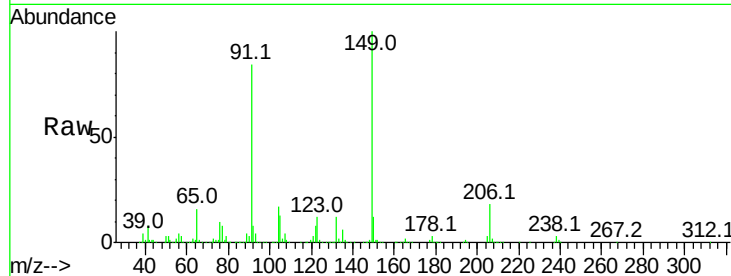
#79
Butylbenzylphthalate
Concen: 53.501 ng
RT: 13.34 min Scan# 1913
Delta R.T. -0.03 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

Instrument :
BNA_F
ClientSampleId :
PB101621BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	628704		
91	84.2	45.0	67.4#	
206	18.1	17.0	25.6	

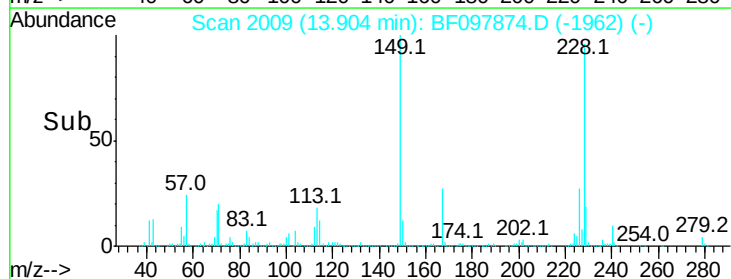
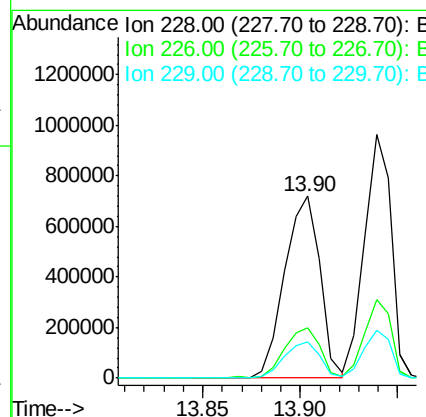
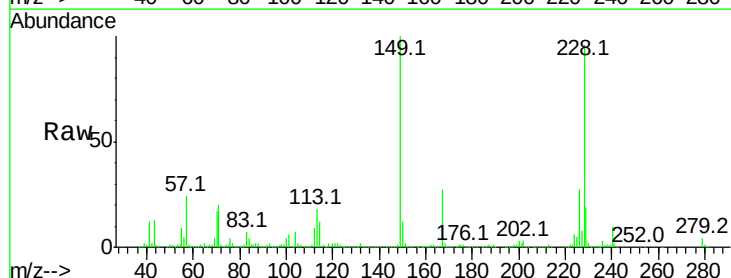
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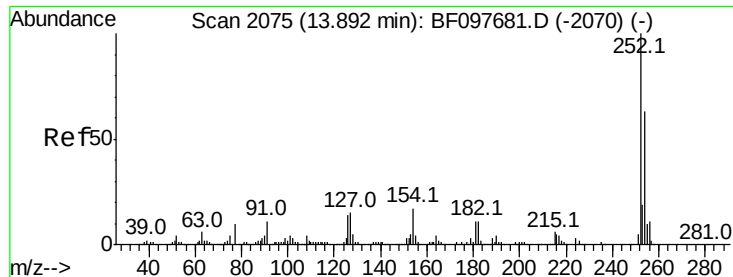
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#80
Benzo(a)anthracene
Concen: 40.050 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.02 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	899512		
226	27.8	22.6	33.8	
229	19.8	16.3	24.5	





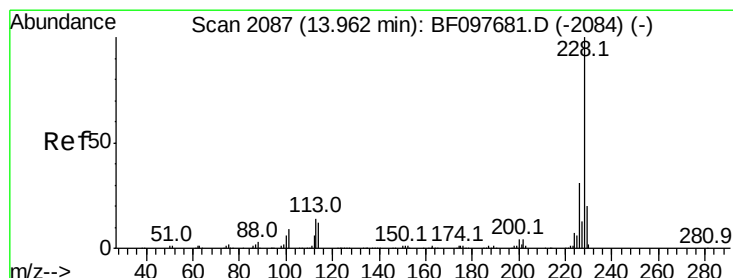
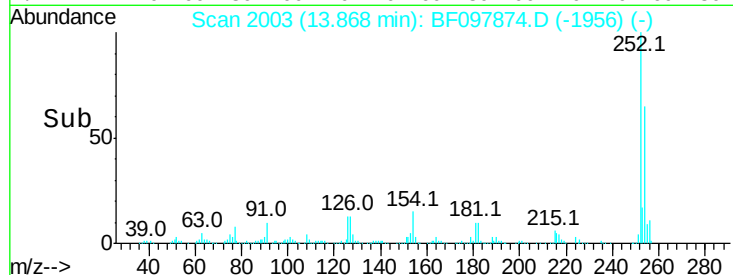
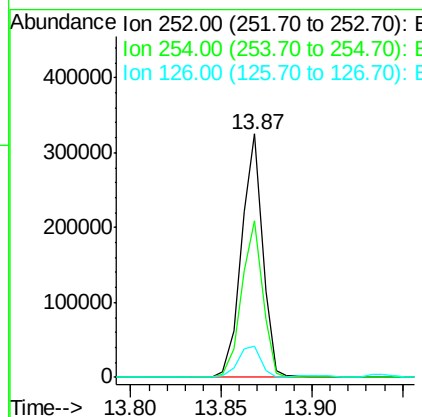
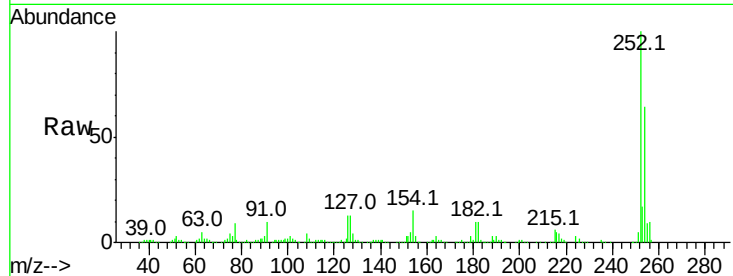
#81
 3,3'-Dichlorobenzidine
 Concen: 34.805 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.02 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB101621BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.4	51.5	77.3
126	12.5	15.8	23.8

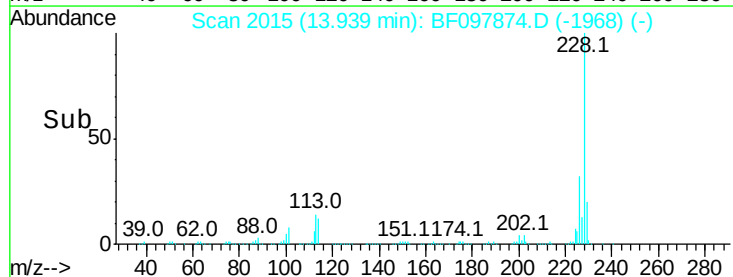
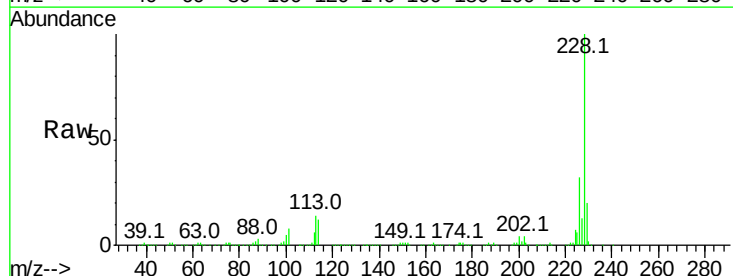
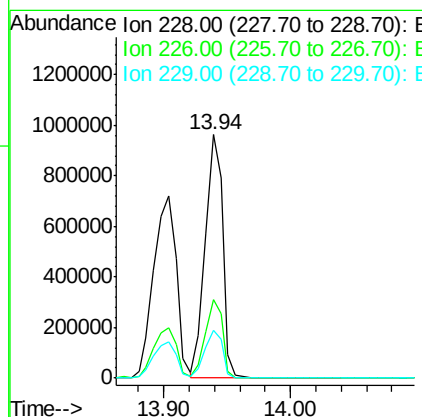
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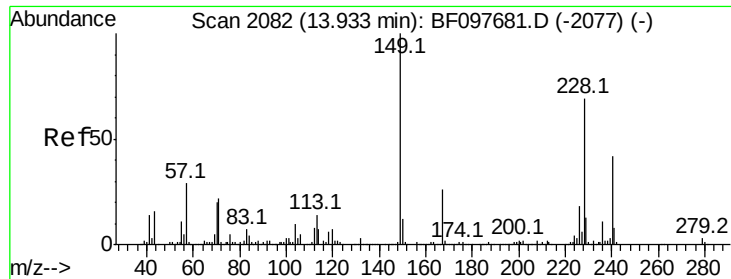
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#82
 Chrysene
 Concen: 41.409 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.02 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	32.1	24.9	37.3
229	19.6	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 55.827 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.03 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

Instrument :

BNA_F

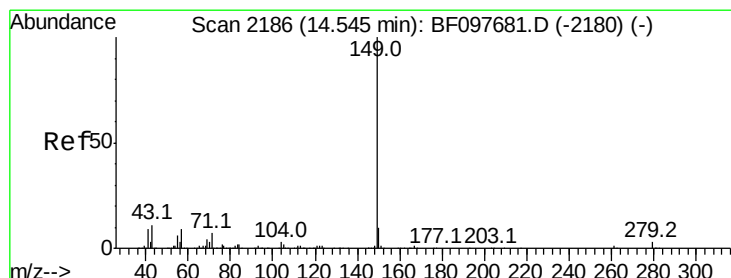
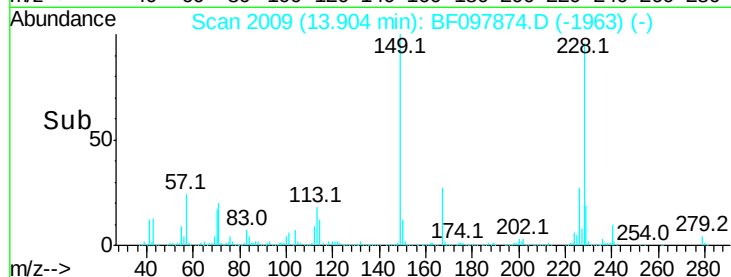
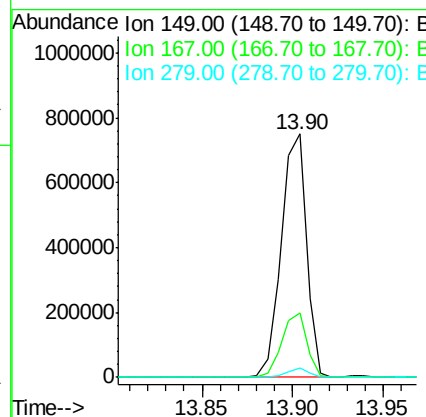
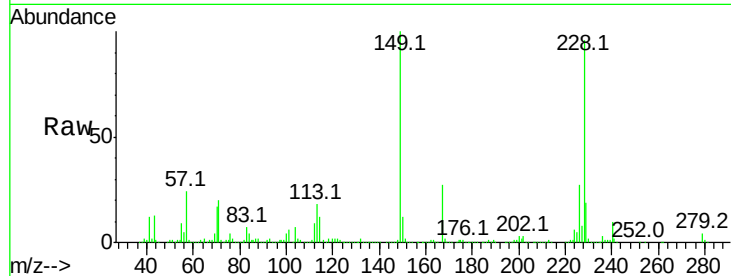
ClientSampleId :

PB101621BS

Tot Ion:	149	Resp:	726955
Ion Ratio	Lower	Upper	
149	100		
167	26.6	21.0	31.4
279	3.9	1.9	2.9#

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#84

Di-n-octyl phthalate

Concen: 58.562 ng

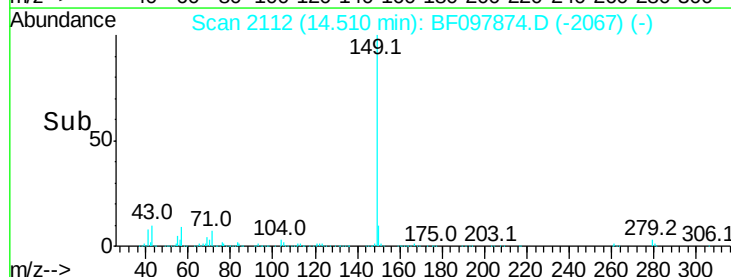
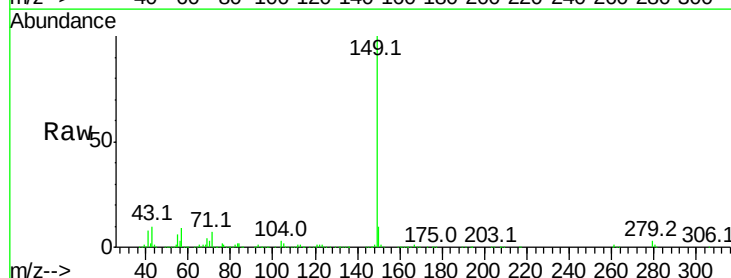
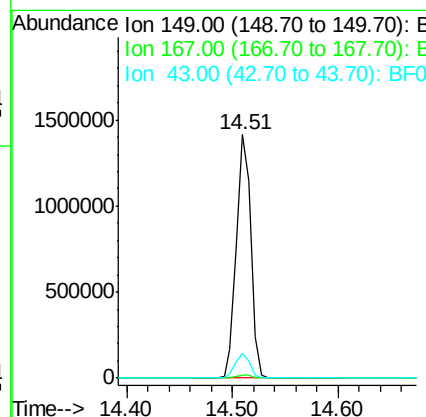
RT: 14.51 min Scan# 2112

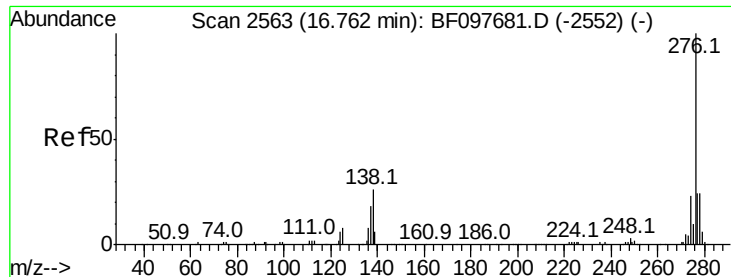
Delta R.T. -0.04 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

Tgt Ion:	149	Resp:	1326857
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	10.0	8.5	12.7





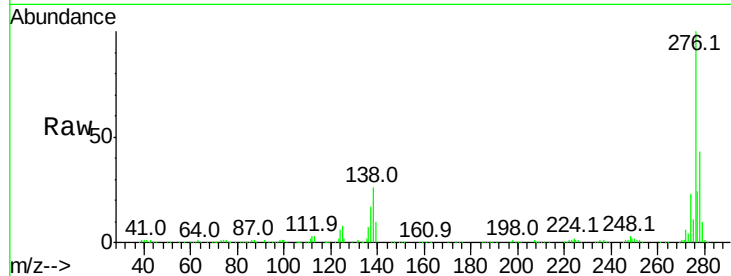
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.102 ng
RT: 16.72 min Scan# 2488
Delta R.T. -0.04 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

Instrument :
BNA_F
ClientSampleId :
PB101621BS

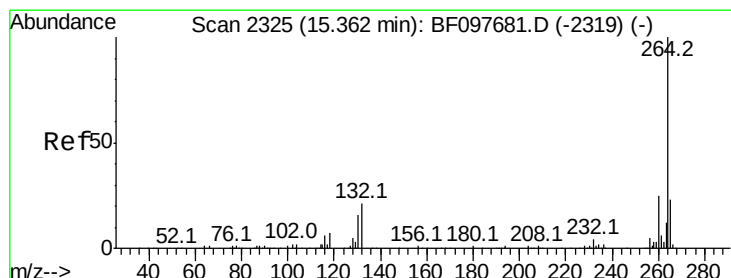
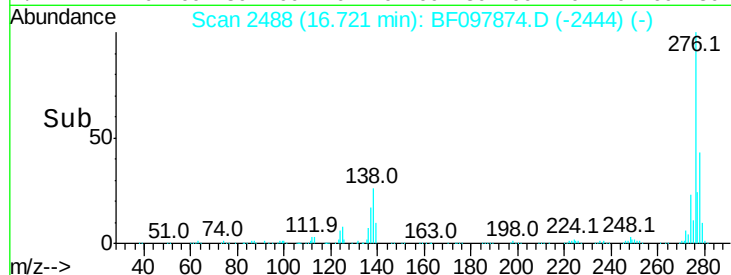
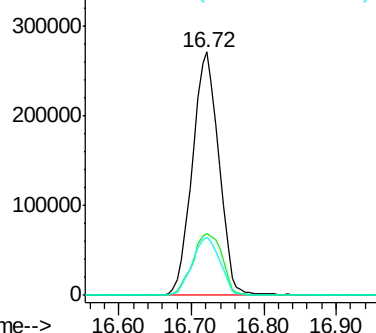
Tot Ion	Ratio	Resp	Lower	Upper
276	100	691983		
138	28.6		27.8	41.6
277	25.0		20.2	30.4

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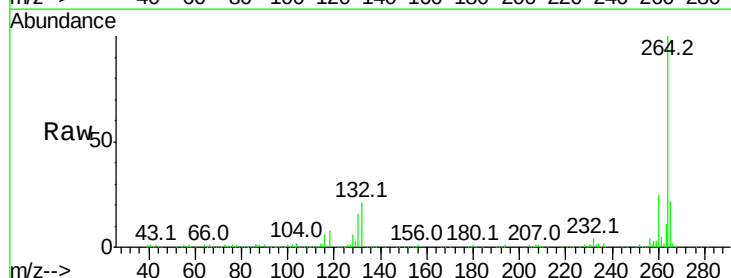


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

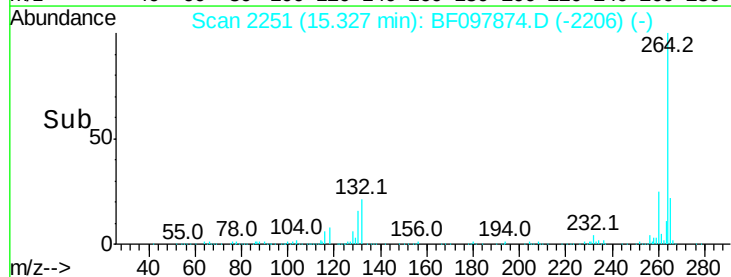
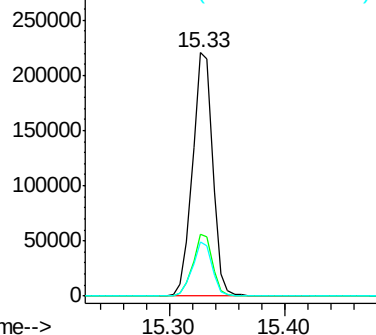


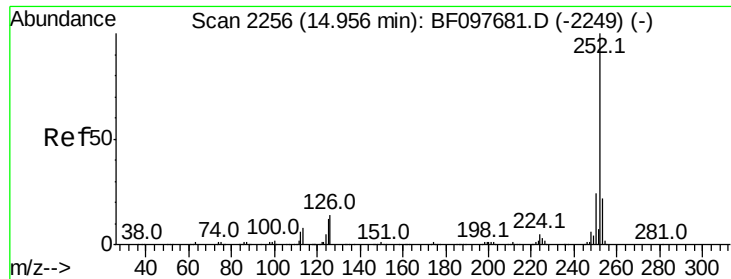
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.04 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	267227		
260	25.4		19.5	29.3
265	22.3		17.2	25.8



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





#87

Benzo(b)fluoranthene

Concen: 43.743 ng

RT: 14.93 min Scan# 2183

Delta R.T. -0.03 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

Instrument :

BNA_F

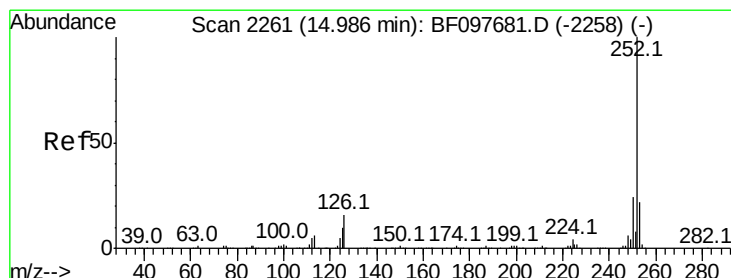
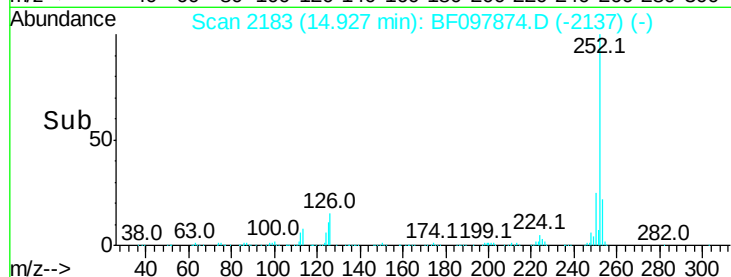
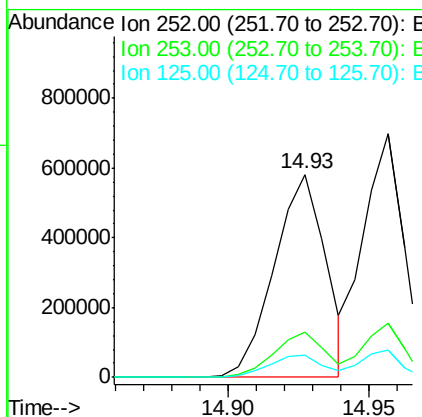
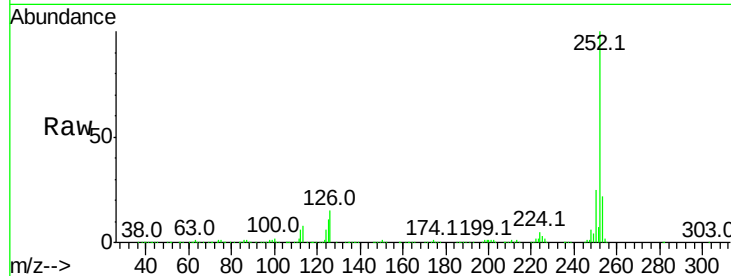
ClientSampleId :

PB101621BS

Tot Ion:252	Resp:	736810
Ion Ratio	Lower	Upper
252 100		
253 22.2	18.1	27.1
125 11.1	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 43.838 ng

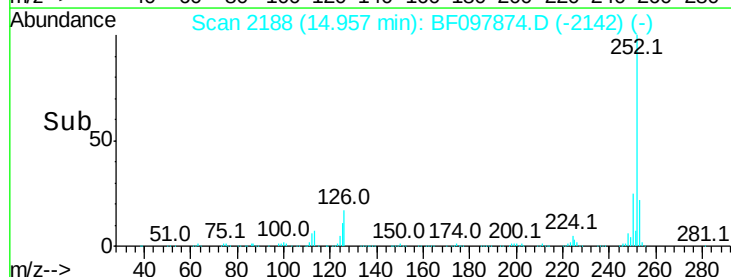
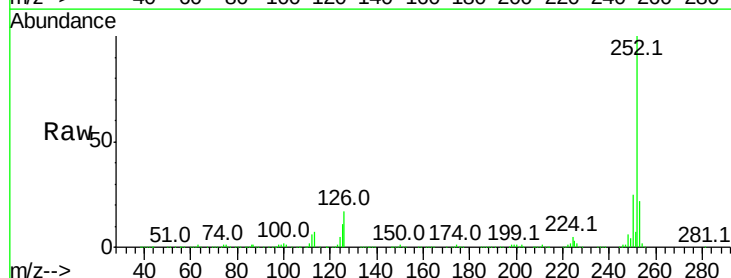
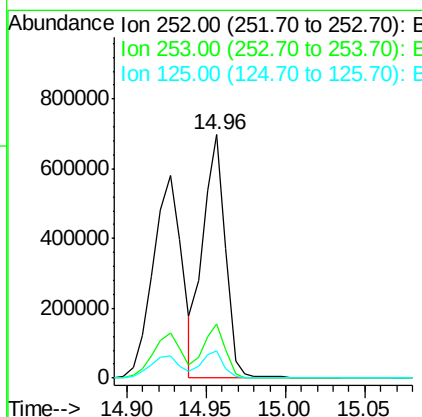
RT: 14.96 min Scan# 2188

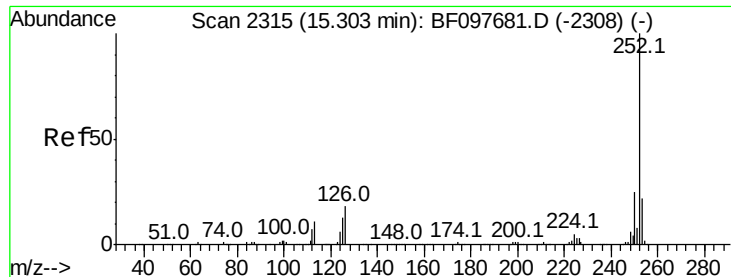
Delta R.T. -0.03 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

Tgt Ion:252	Resp:	693741
Ion Ratio	Lower	Upper
252 100		
253 22.4	18.4	27.6
125 11.0	13.1	19.7#





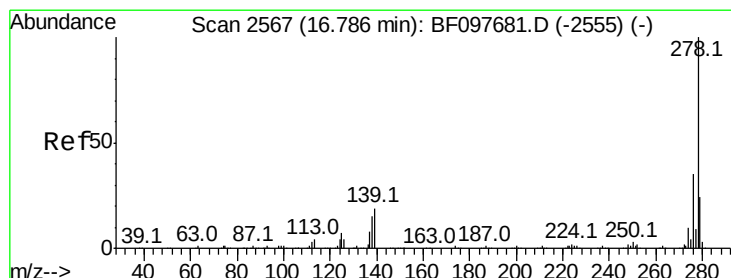
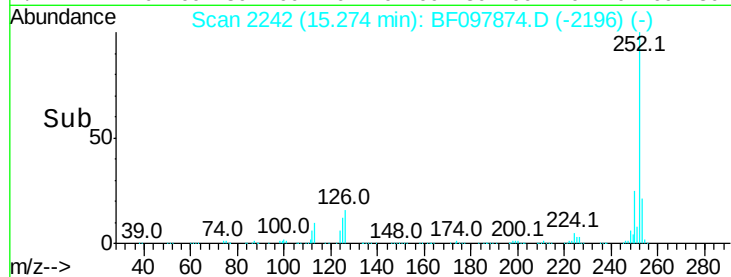
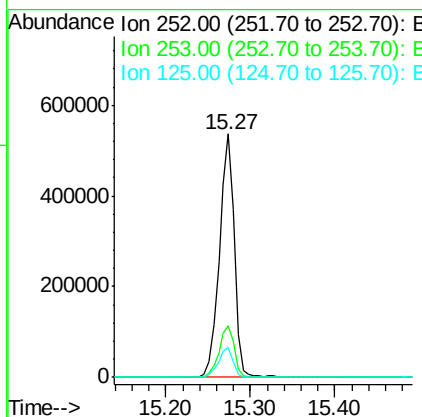
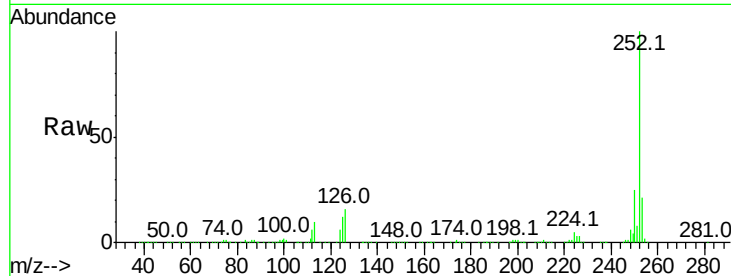
#89
Benzo(a)pyrene
Concen: 44.778 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.03 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

Instrument :
BNA_F
ClientSampleId :
PB101621BS

Tot Ion:	252	Resp:	667714
Ion Ratio	Lower	Upper	
252	100		
253	21.3	17.5	26.3
125	12.3	11.0	16.4

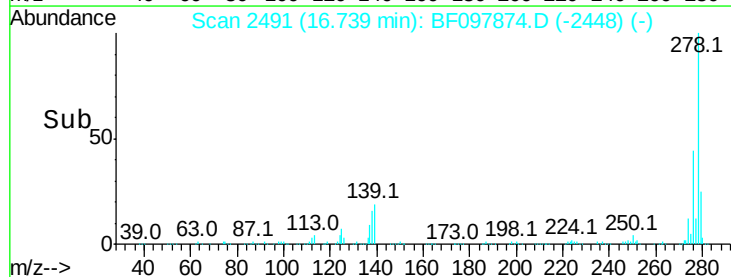
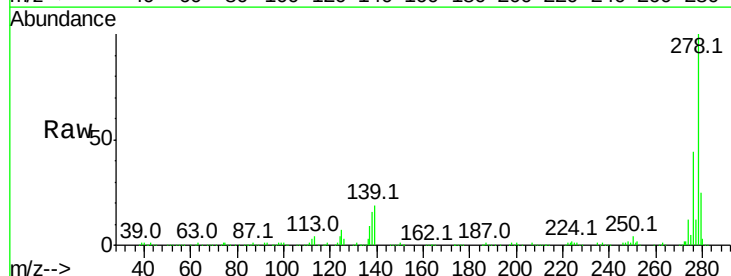
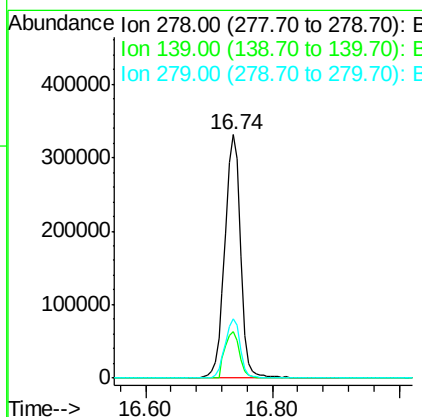
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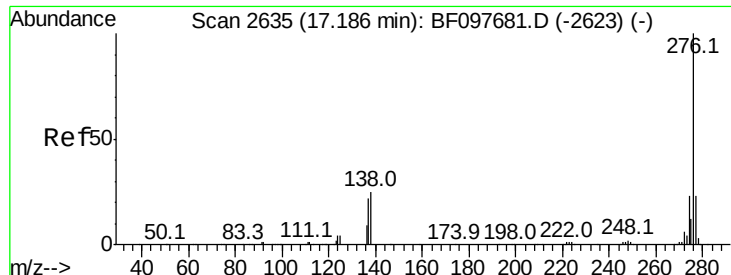
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#90
Dibenzo(a,h)anthracene
Concen: 47.182 ng
RT: 16.74 min Scan# 2491
Delta R.T. -0.05 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

Tgt Ion:	278	Resp:	572781
Ion Ratio	Lower	Upper	
278	100		
139	19.2	16.6	24.8
279	24.5	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 46.591 ng
 RT: 17.14 min Scan# 2559
 Delta R.T. -0.05 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB101621BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	24.6	18.6	28.0
138	24.8	25.4	38.0

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