

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
 Data File : BG016995.D
 Acq On : 9 May 2015 18:38
 Operator : TP/IZ
 Sample : PB83287BSD
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83287BSD

Manual Integrations
 APPROVED

apatel
 5/19/2015 9:23:26 AM

Quant Time: May 11 02:43:15 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 16:13:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	51741	20.00	ng	-0.02
21) Naphthalene-d8	10.58	136	230805	20.00	ng	-0.02
38) Acenaphthene-d10	14.43	164	150074	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	354697	20.00	ng	-0.02
75) Chrysene-d12	21.35	240	370725	20.00	ng	-0.02
86) Perylene-d12	23.64	264	365772	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	331958	111.71	ng	-0.02
7) Phenol-d6	6.96	99	471831	111.14	ng	0.00
23) Nitrobenzene-d5	8.95	82	523928	110.90	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	174047	115.52	ng	-0.02
44) 2-Fluorobiphenyl	13.05	172	1063077	106.89	ng	-0.02
78) Terphenyl-d14	19.80	244	1832766	115.89	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	44538	35.76	ng	# 1
3) Pyridine	3.67	79	140549	36.51	ng	97
4) n-Nitrosodimethylamine	3.59	42	97978	42.63	ng	95
6) Aniline	7.12	93	154982	26.00	ng	96
8) 2-Chlorophenol	7.36	128	165628	48.11	ng	96
9) Benzaldehyde	6.93	77	94943	30.19	ng	96
10) Phenol	6.99	94	226172	49.68	ng	98
11) bis(2-Chloroethyl)ether	7.22	93	154313	43.84	ng	97
12) 1,3-Dichlorobenzene	7.67	146	155859	41.06	ng	96
13) 1,4-Dichlorobenzene	7.83	146	158262	41.16	ng	99
14) 1,2-Dichlorobenzene	8.14	146	151960	41.18	ng	96
15) Benzyl Alcohol	8.03	79	171533	44.24	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.33	45	270923	41.58	ng	99
17) 2-Methylphenol	8.23	107	146975	45.85	ng	97
18) Hexachloroethane	8.87	117	65357	41.35	ng	94
19) n-Nitroso-di-n-propylamine	8.59	70	142490	38.28	ng	93
20) 3+4-Methylphenols	8.56	107	205111	46.43	ng	96
22) Acetophenone	8.61	105	239439	43.55	ng	98
24) Nitrobenzene	8.99	77	209246	43.86	ng	99
25) Isophorone	9.51	82	387185	40.59	ng	99
26) 2-Nitrophenol	9.70	139	91768	47.24	ng	96
27) 2,4-Dimethylphenol	9.76	122	170589	48.52	ng	95
28) bis(2-Chloroethoxy)methane	10.00	93	204612	42.49	ng	96
29) 2,4-Dichlorophenol	10.23	162	161787	48.71	ng	96
30) 1,2,4-Trichlorobenzene	10.45	180	151540	43.03	ng	96
31) Naphthalene	10.63	128	486990	42.42	ng	99
32) Benzoic acid	9.88	122	114392	52.27	ng	96
33) 4-Chloroaniline	10.74	127	72001	13.58	ng	94
34) Hexachlorobutadiene	10.92	225	90439	41.03	ng	94
35) Caprolactam	11.52	113	77371m	44.84	ng	
36) 4-Chloro-3-methylphenol	11.87	107	205537	48.33	ng	98
37) 2-Methylnaphthalene	12.25	142	367394	42.02	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.62	216	166851	41.13	ng	# 100
40) Hexachlorocyclopentadiene	12.60	237	229036	87.42	ng	95

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
 Data File : BG016995.D
 Acq On : 9 May 2015 18:38
 Operator : TP/IZ
 Sample : PB83287BSD
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83287BSD

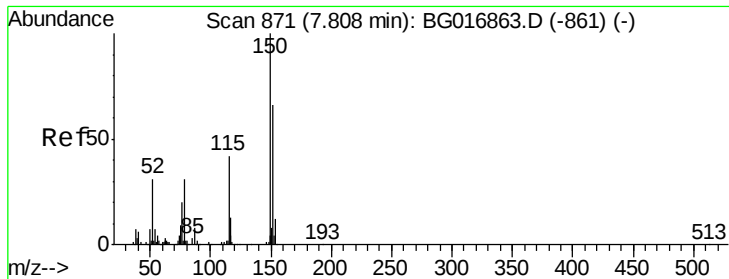
Manual Integrations
 APPROVED

apatel
 5/19/2015 9:23:26 AM

Quant Time: May 11 02:43:15 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 16:13:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.86	196	128995	44.87	ng	94
43) 2,4,5-Trichlorophenol	12.93	196	143129	46.90	ng	98
45) 1,1'-Biphenyl	13.26	154	467848	43.54	ng	98
46) 2-Chloronaphthalene	13.30	162	376184	44.20	ng	98
47) 2-Nitroaniline	13.51	65	160354	54.13	ng	98
48) Acenaphthylene	14.15	152	643471	43.42	ng	99
49) Dimethylphthalate	13.89	163	492750	43.97	ng	99
50) 2,6-Dinitrotoluene	14.01	165	117273	50.40	ng	94
51) Acenaphthene	14.50	154	379486	43.02	ng	99
52) 3-Nitroaniline	14.34	138	80652	30.47	ng	# 96
53) 2,4-Dinitrophenol	14.54	184	113329	106.49	ng	95
54) Dibenzofuran	14.83	168	576582	46.04	ng	97
55) 4-Nitrophenol	14.65	139	244547	108.96	ng	94
56) 2,4-Dinitrotoluene	14.79	165	168438	56.59	ng	100
57) Fluorene	15.48	166	496544	44.78	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.05	232	126973	48.22	ng	# 77
59) Diethylphthalate	15.25	149	538808	45.55	ng	99
60) 4-Chlorophenyl-phenylether	15.47	204	251843	45.20	ng	99
61) 4-Nitroaniline	15.50	138	154262	50.27	ng	96
62) Azobenzene	15.77	77	587878	47.98	ng	97
64) 4,6-Dinitro-2-methylphenol	15.55	198	90767	51.61	ng	92
65) n-Nitrosodiphenylamine	15.69	169	446369	41.23	ng	99
66) 4-Bromophenyl-phenylether	16.36	248	152611	42.87	ng	95
67) Hexachlorobenzene	16.48	284	163309	43.50	ng	99
68) Atrazine	16.64	200	181539	46.59	ng	99
69) Pentachlorophenol	16.82	266	226065	92.75	ng	95
70) Phenanthrene	17.22	178	791780	43.38	ng	99
71) Anthracene	17.30	178	819071	44.48	ng	98
72) Carbazole	17.58	167	808325	46.17	ng	99
73) Di-n-butylphthalate	18.14	149	1040597	45.85	ng	99
74) Fluoranthene	19.23	202	981385	46.34	ng	99
76) Benzidine	19.41	184	299996	23.82	ng	97
77) Pyrene	19.59	202	1014011	46.34	ng	100
79) Butylbenzylphthalate	20.49	149	481923	46.34	ng	98
80) Benzo(a)anthracene	21.33	228	915366	46.03	ng	98
81) 3,3'-Dichlorobenzidine	21.27	252	189977	24.46	ng	96
82) Chrysene	21.38	228	859190	46.12	ng	99
83) Bis(2-ethylhexyl)phthalate	21.26	149	637180	44.79	ng	99
84) Di-n-octyl phthalate	22.15	149	1071310	44.83	ng	# 100
85) Indeno(1,2,3-cd)pyrene	26.01	276	1013340	45.65	ng	# 100
87) Benzo(b)fluoranthene	22.95	252	893905	43.87	ng	97
88) Benzo(k)fluoranthene	22.99	252	883136	45.05	ng	98
89) Benzo(a)pyrene	23.54	252	872757	45.93	ng	99
90) Dibenzo(a,h)anthracene	26.02	278	871628	44.91	ng	96
91) Benzo(g,h,i)perylene	26.72	276	826879	44.74	ng	97

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



#1

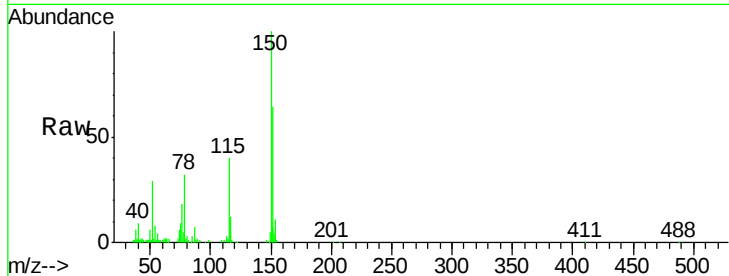
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.79 min Scan# 869
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Instrument :
BNA_G
ClientSampleId :
PB83287BSD

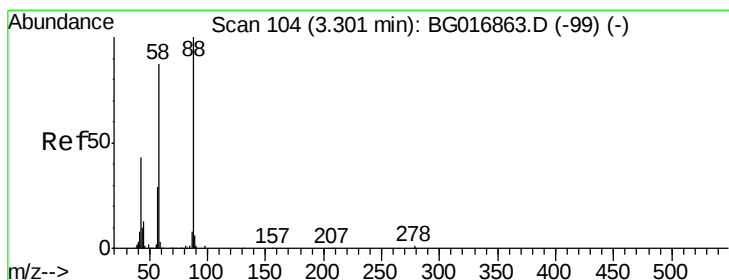
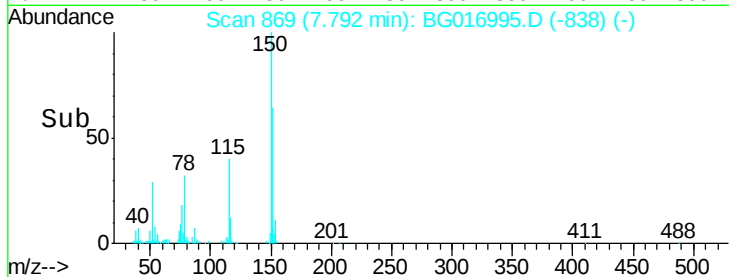
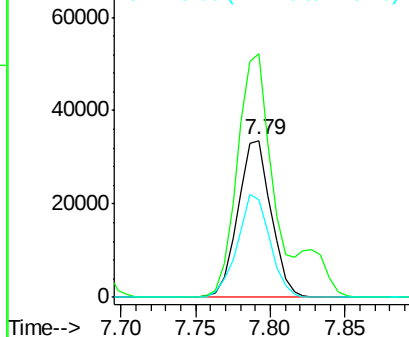
Manual Integrations
APPROVED

apatel
5/19/2015 9:23:26 AM

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.1	121.0	181.4
115	62.3	50.5	75.7



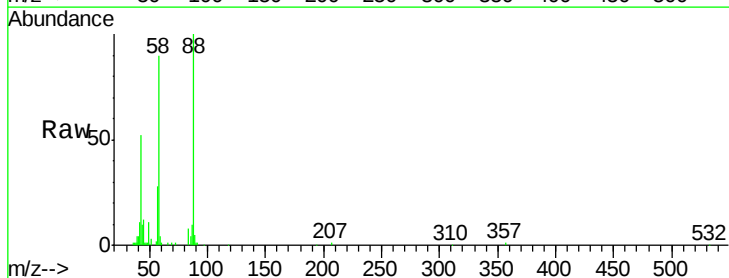
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



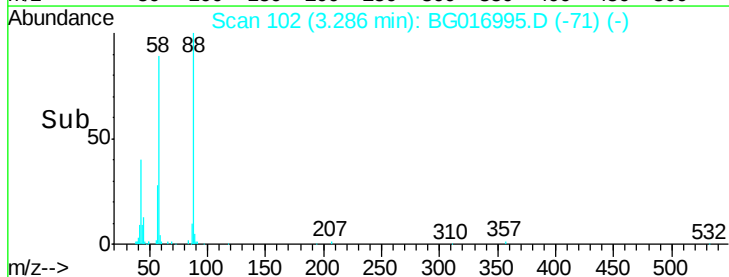
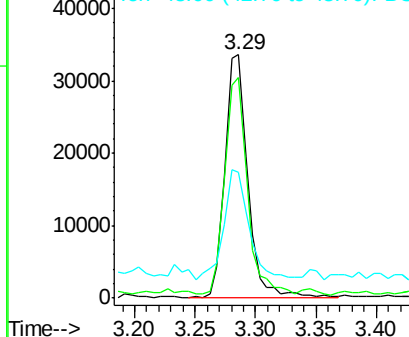
#2

1,4-Dioxane
Concen: 35.76 ng
RT: 3.29 min Scan# 102
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.7	0.1	0.1#
43	49.2	1.3	1.9#



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





#3

Pyridine

Concen: 36.51 ng

RT: 3.67 min Scan# 168

Delta R.T. -0.02 min

Lab File: BG016995.D

Acq: 9 May 2015 18:38

Instrument :

BNA_G

ClientSampleId :

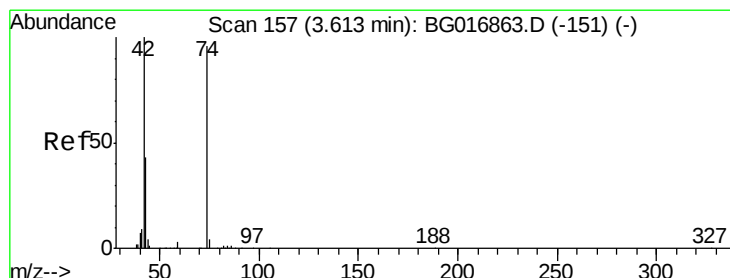
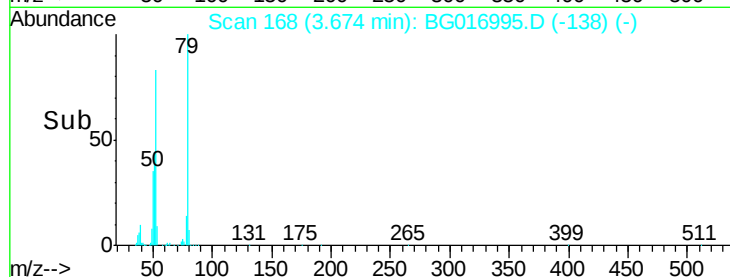
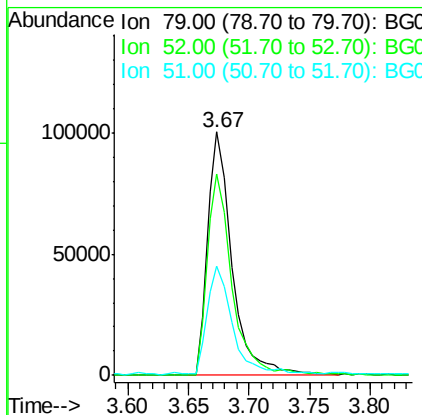
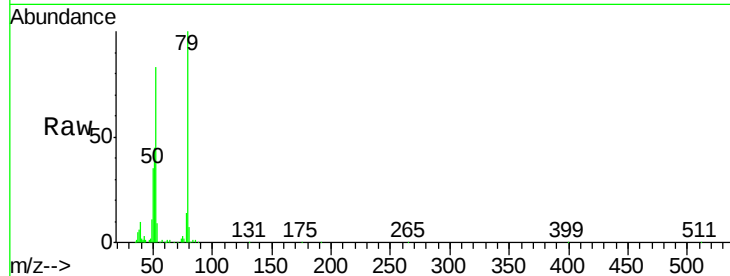
PB83287BSD

Manual Integrations
APPROVED

apatel

5/19/2015 9:23:26 AM

Tgt Ion:	79	Resp:	140549
Ion	Ratio	Lower	Upper
79	100		
52	82.8	68.5	102.7
51	45.0	37.8	56.8



#4

n-Nitrosodimethylamine

Concen: 42.63 ng

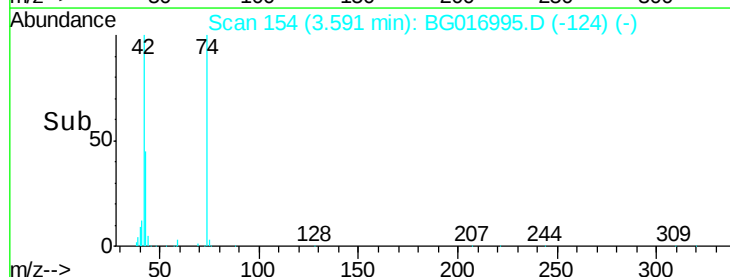
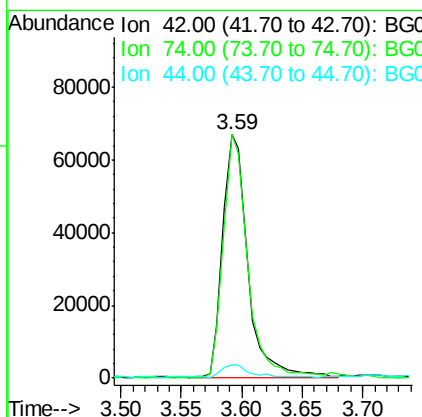
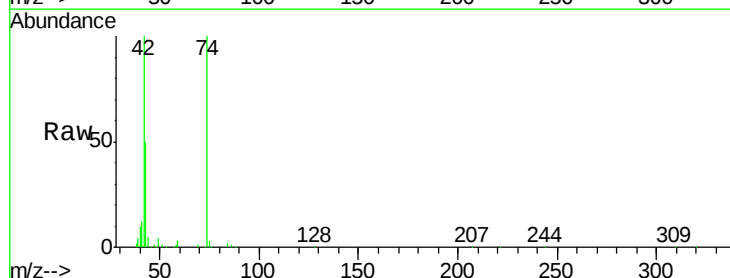
RT: 3.59 min Scan# 154

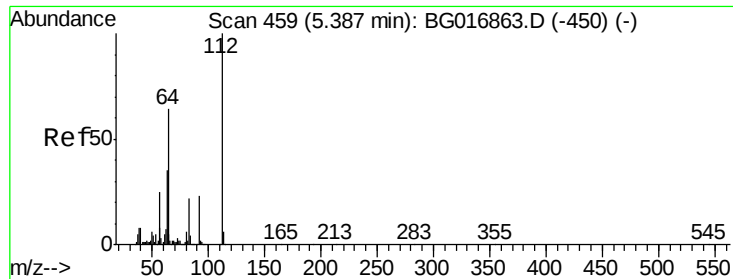
Delta R.T. -0.02 min

Lab File: BG016995.D

Acq: 9 May 2015 18:38

Tgt Ion:	42	Resp:	97978
Ion	Ratio	Lower	Upper
42	100		
74	99.9	76.2	114.2
44	5.4	4.9	7.3





#5

2-Fluorophenol

Concen: 111.71 ng

RT: 5.37 min Scan# 457

Delta R.T. -0.02 min

Lab File: BG016995.D

Acq: 9 May 2015 18:38

Instrument :

BNA_G

ClientSampleId :

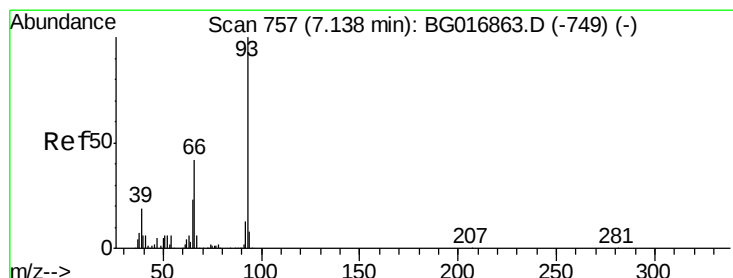
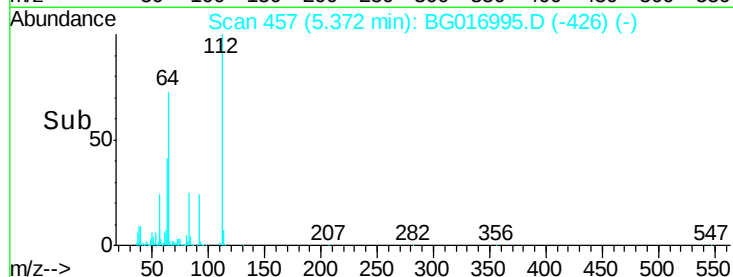
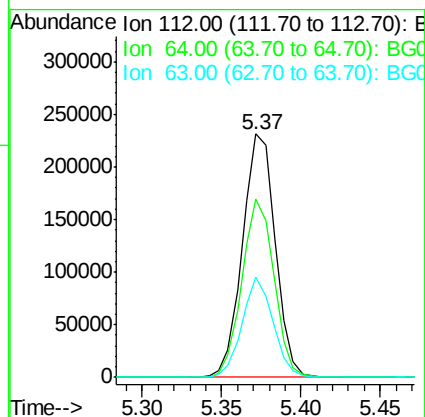
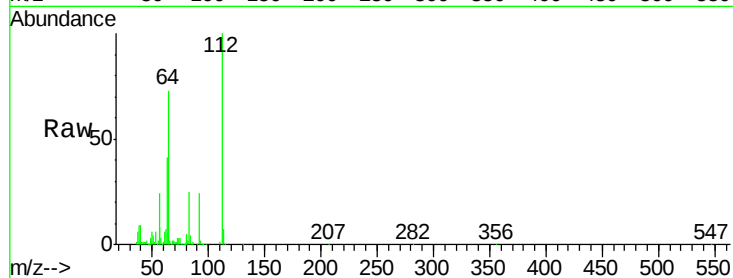
PB83287BSD

Manual Integrations
APPROVED

apatel

5/19/2015 9:23:26 AM

Tgt Ion:	112	Resp:	331958
Ion Ratio	Lower	Upper	
112	100		
64	73.1	51.4	77.2
63	41.1	28.1	42.1



#6

Aniline

Concen: 26.00 ng

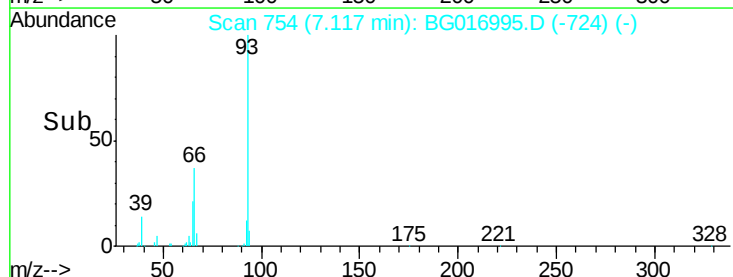
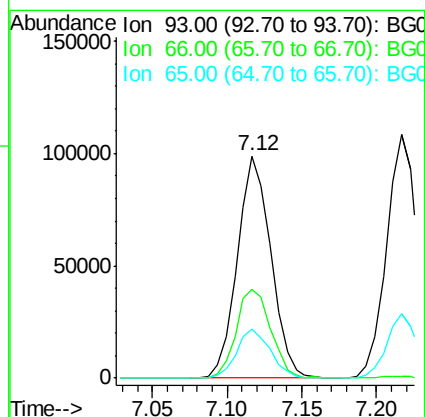
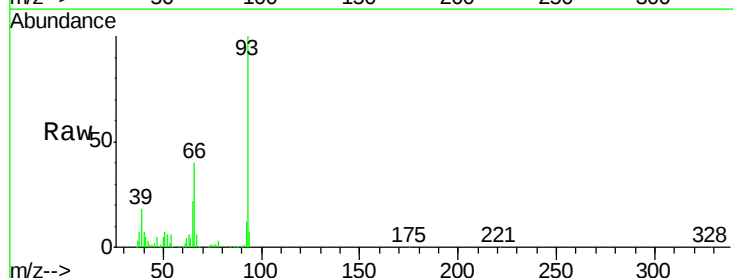
RT: 7.12 min Scan# 754

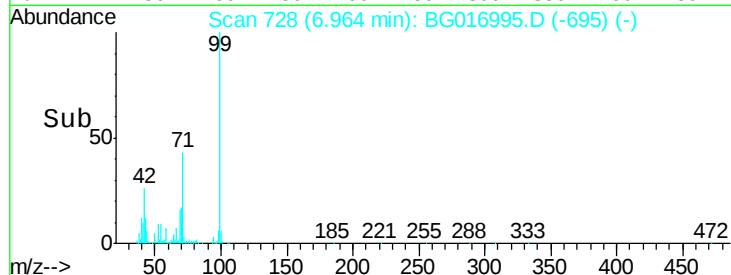
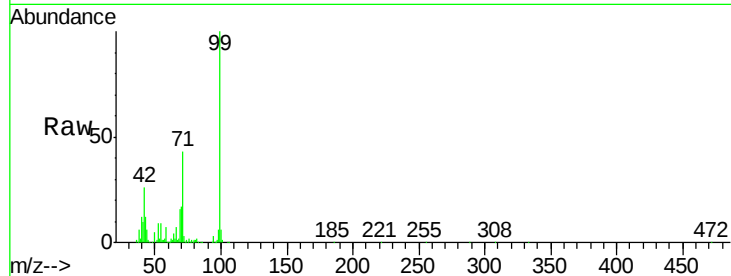
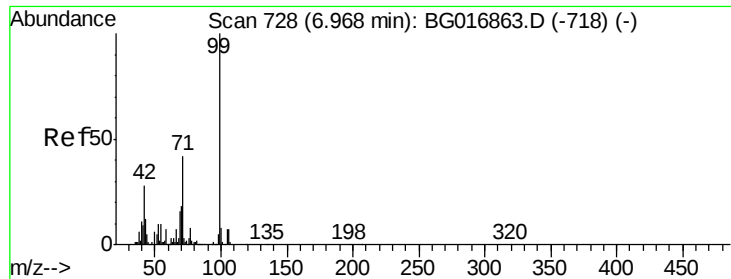
Delta R.T. -0.02 min

Lab File: BG016995.D

Acq: 9 May 2015 18:38

Tgt Ion:	93	Resp:	154982
Ion Ratio	Lower	Upper	
93	100		
66	39.8	33.8	50.6
65	21.8	18.7	28.1





#7

Phenol-d6

Concen: 111.14 ng

RT: 6.96 min Scan# 728

Delta R.T. -0.00 min

Lab File: BG016995.D

Acq: 9 May 2015 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	471831		
42	26.3	22.1	33.1	
71	42.5	33.4	50.0	

Instrument :

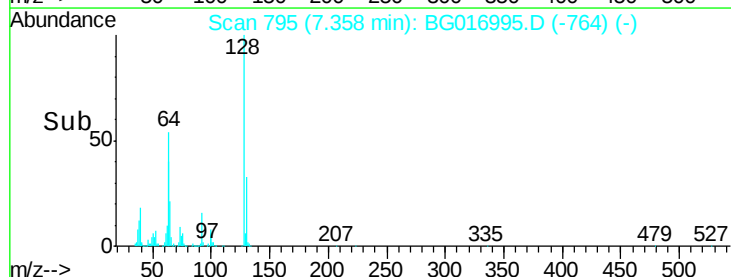
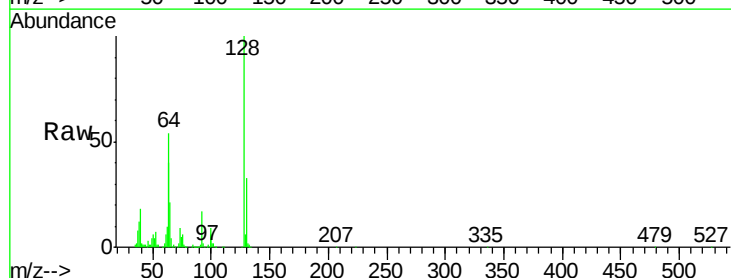
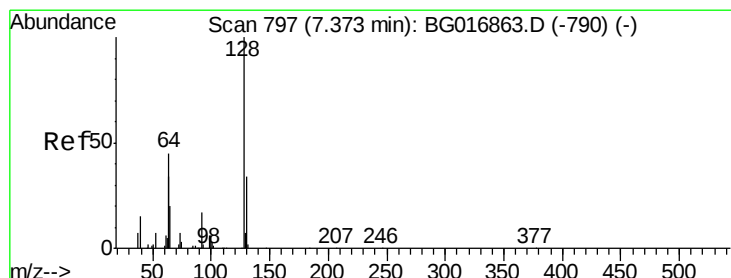
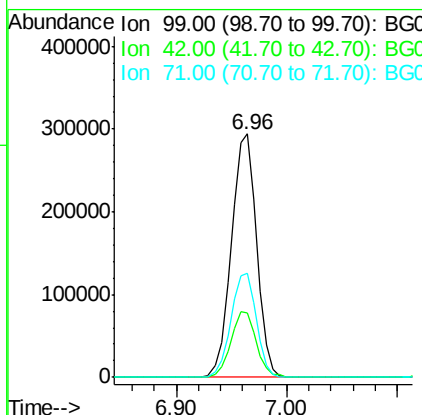
BNA_G

ClientSampleId :

PB83287BSD

Manual Integrations
APPROVED

apatel
5/19/2015 9:23:26 AM



#8

2-Chlorophenol

Concen: 48.11 ng

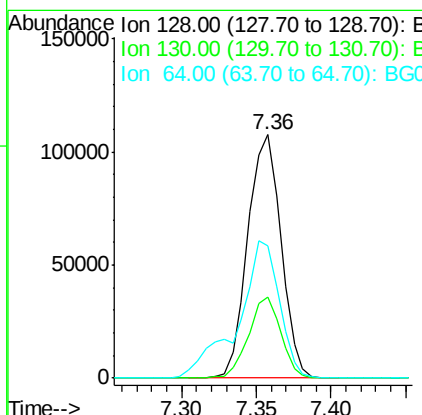
RT: 7.36 min Scan# 795

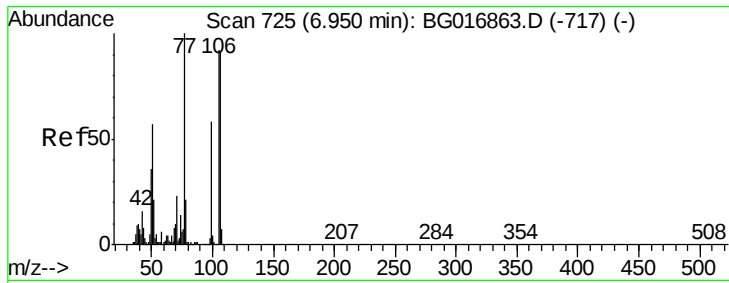
Delta R.T. -0.02 min

Lab File: BG016995.D

Acq: 9 May 2015 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	165628		
130	33.2	14.4	54.4	
64	54.2	38.4	78.4	





#9

Benzaldehyde

Concen: 30.19 ng

RT: 6.93 min Scan# 722

Delta R.T. -0.02 min

Lab File: BG016995.D

Acq: 9 May 2015 18:38

Instrument :

BNA_G

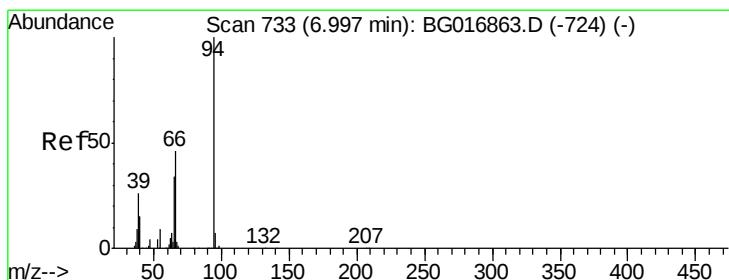
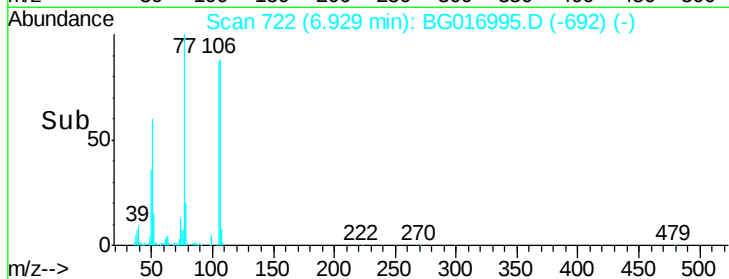
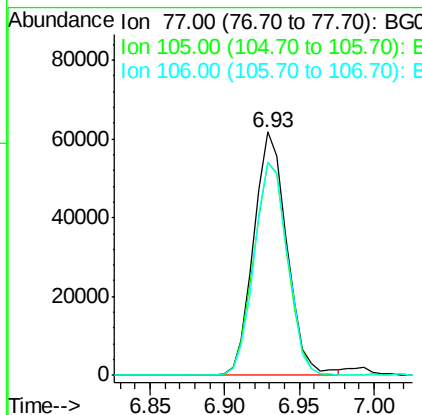
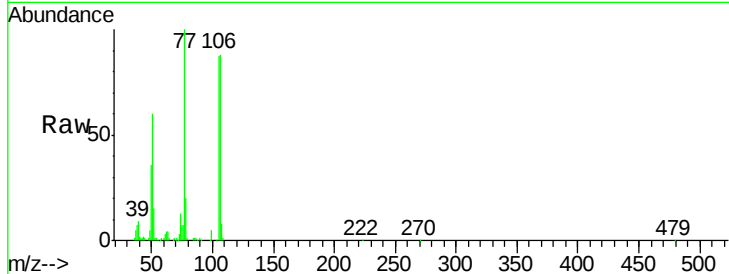
ClientSampleId :

PB83287BSD

Manual Integrations
APPROVED

apatel
5/19/2015 9:23:26 AM

Tgt Ion:	77	Resp:	94943
Ion	Ratio	Lower	Upper
77	100		
105	87.3	71.6	111.6
106	87.5	71.5	111.5



#10

Phenol

Concen: 49.68 ng

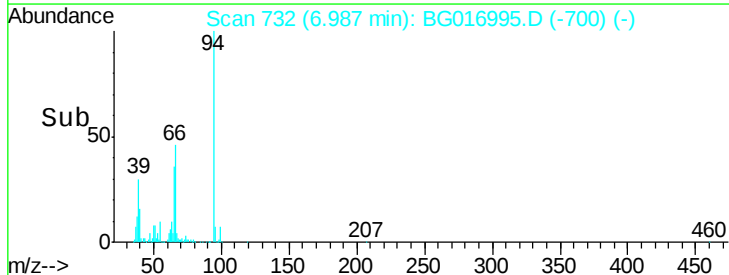
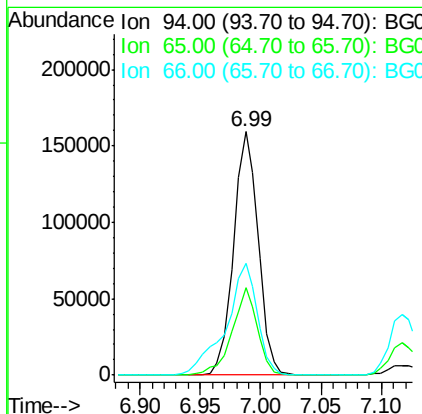
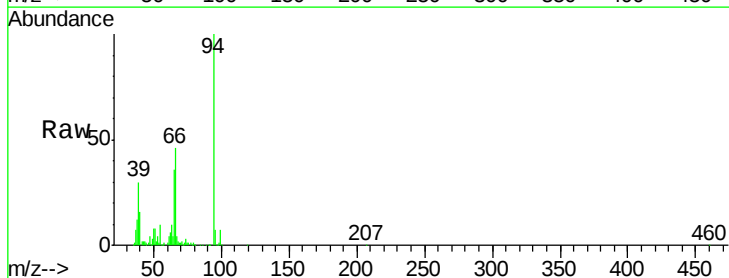
RT: 6.99 min Scan# 732

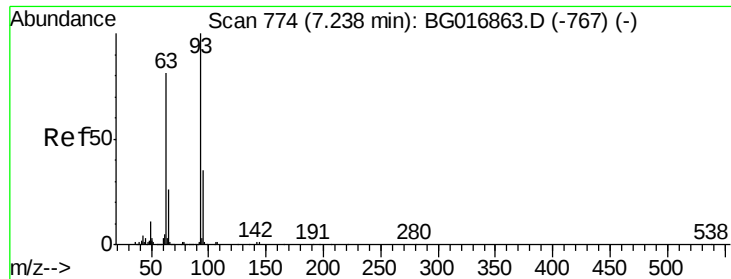
Delta R.T. -0.01 min

Lab File: BG016995.D

Acq: 9 May 2015 18:38

Tgt Ion:	94	Resp:	226172
Ion	Ratio	Lower	Upper
94	100		
65	35.8	14.3	54.3
66	46.0	26.9	66.9





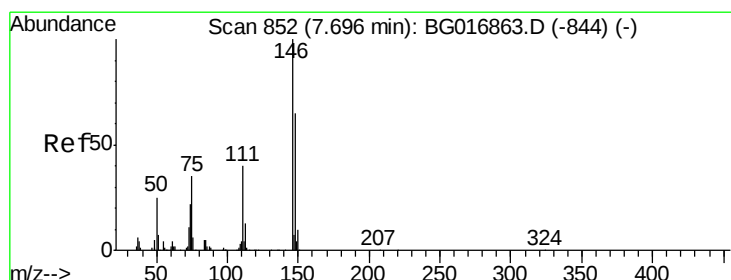
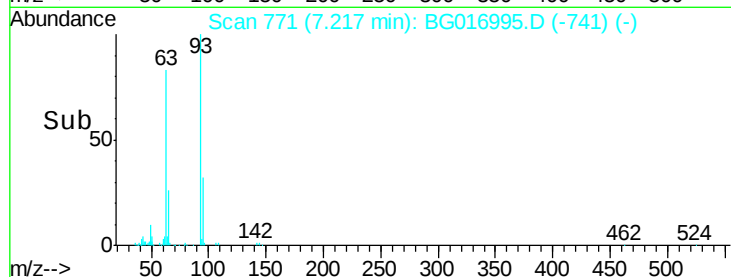
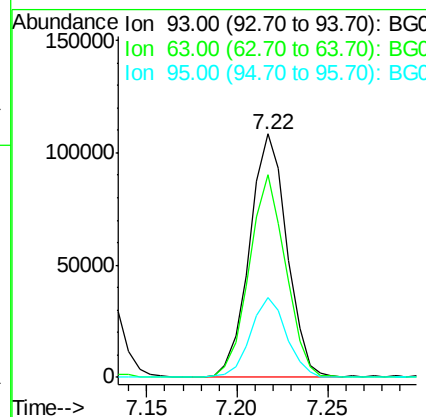
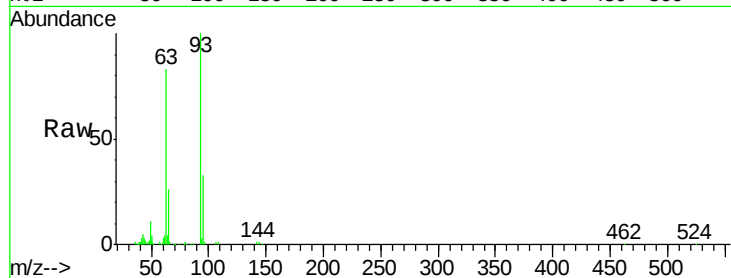
#11
 bis(2-Chloroethyl)ether
 Concen: 43.84 ng
 RT: 7.22 min Scan# 771
 Delta R.T. -0.02 min
 Lab File: BG016995.D
 Acq: 9 May 2015 18:38

Instrument :
 BNA_G
 ClientSampleID :
 PB83287BSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	154313		
63	83.1	61.2	101.2	
95	32.5	15.0	55.0	

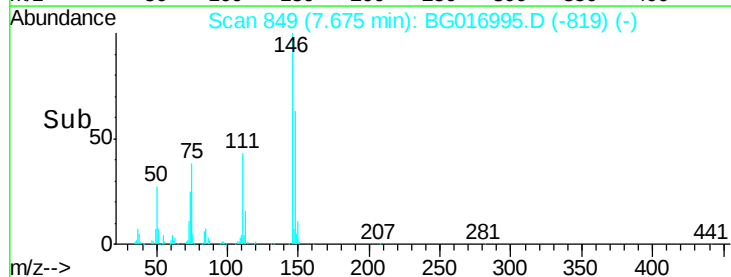
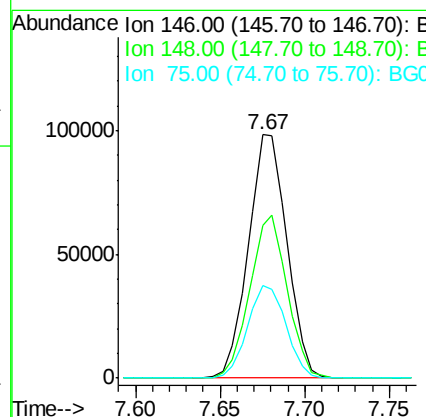
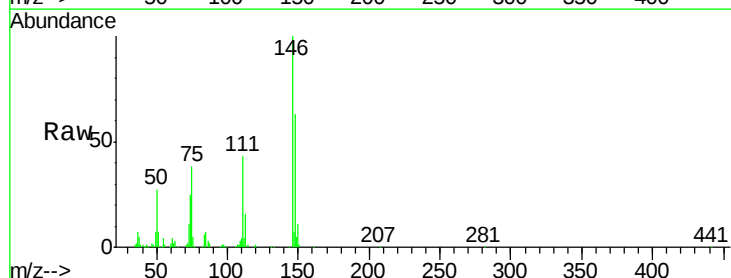
Manual Integrations
 APPROVED

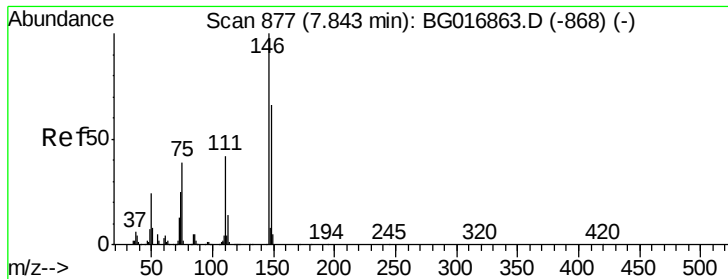
apatel
 5/19/2015 9:23:26 AM



#12
 1,3-Dichlorobenzene
 Concen: 41.06 ng
 RT: 7.67 min Scan# 849
 Delta R.T. -0.02 min
 Lab File: BG016995.D
 Acq: 9 May 2015 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	155859		
148	62.8	51.9	77.9	
75	38.1	28.2	42.2	





#13

1,4-Dichlorobenzene

Concen: 41.16 ng

RT: 7.83 min Scan# 875

Delta R.T. -0.02 min

Lab File: BG016995.D

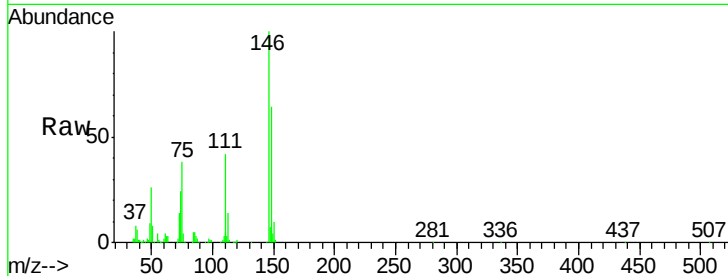
Acq: 9 May 2015 18:38

Instrument :

BNA_G

ClientSampleId :

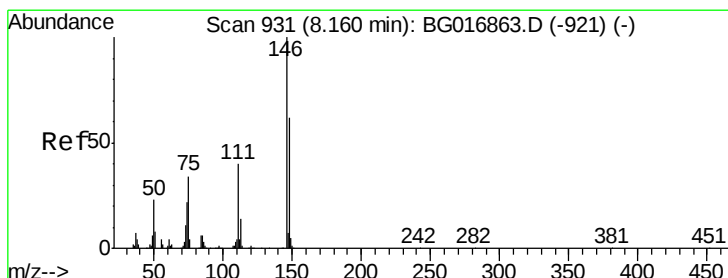
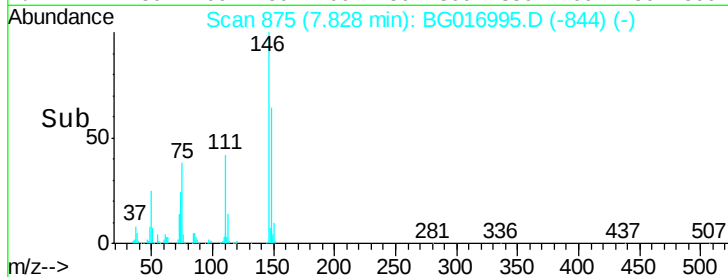
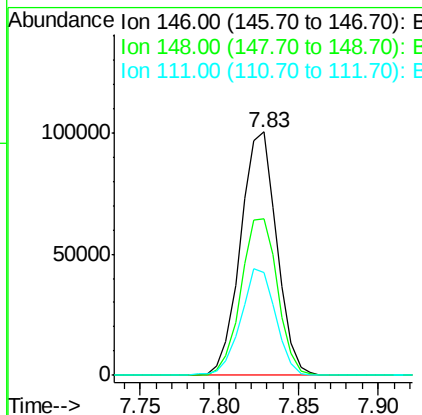
PB83287BSD



Tgt Ion:	146	Resp:	158262
Ion Ratio	Lower	Upper	
146	100		
148	64.4	52.8	79.2
111	42.1	33.9	50.9

Manual Integrations
APPROVED

apatel
5/19/2015 9:23:26 AM



#14

1,2-Dichlorobenzene

Concen: 41.18 ng

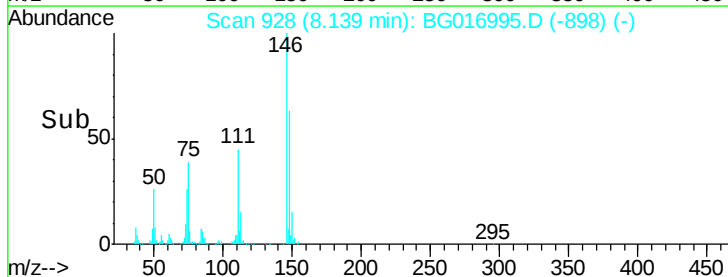
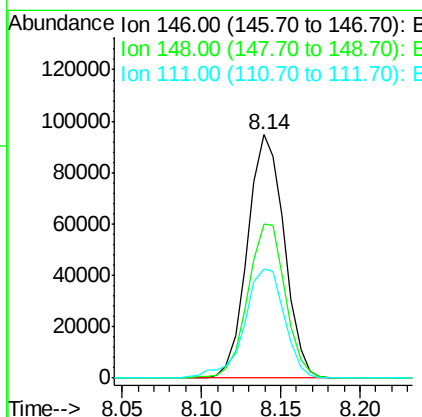
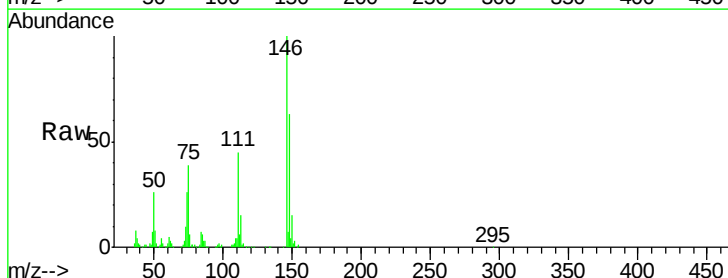
RT: 8.14 min Scan# 928

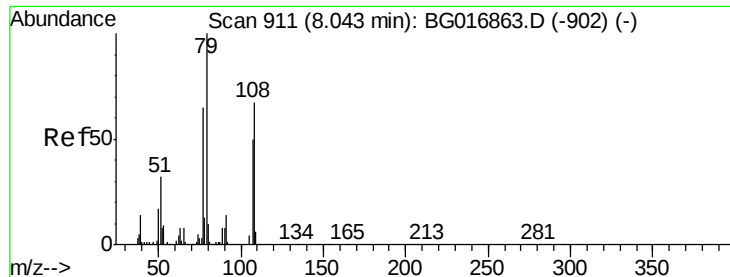
Delta R.T. -0.02 min

Lab File: BG016995.D

Acq: 9 May 2015 18:38

Tgt Ion:	146	Resp:	151960
Ion Ratio	Lower	Upper	
146	100		
148	63.3	49.9	74.9
111	44.7	32.1	48.1





#15

Benzyl Alcohol

Concen: 44.24 ng

RT: 8.03 min Scan# 909

Delta R.T. -0.02 min

Lab File: BG016995.D

Acq: 9 May 2015 18:38

Instrument :

BNA_G

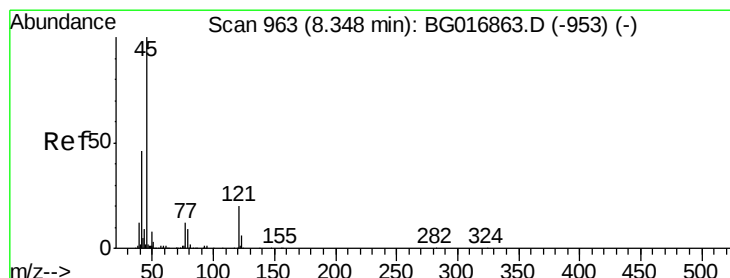
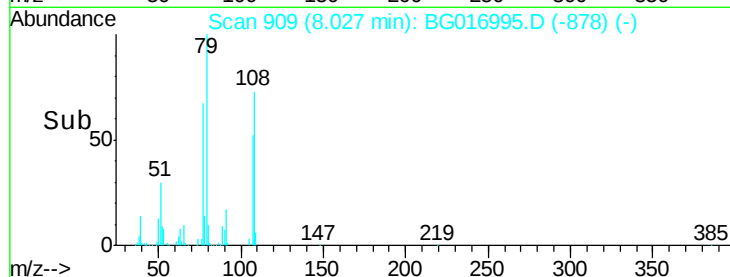
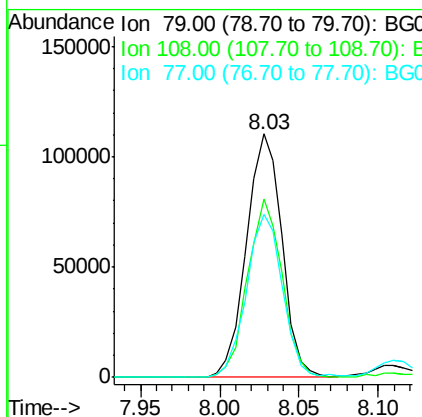
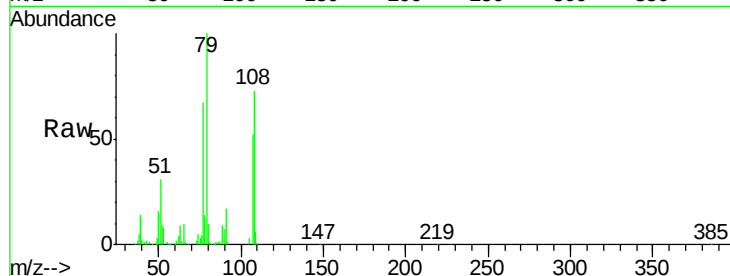
ClientSampleId :

PB83287BSD

Tgt Ion:	79	Resp:	171533
Ion	Ratio	Lower	Upper
79	100		
108	73.5	53.4	80.2
77	66.9	52.2	78.2

Manual Integrations
APPROVED

apatel
5/19/2015 9:23:26 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.58 ng

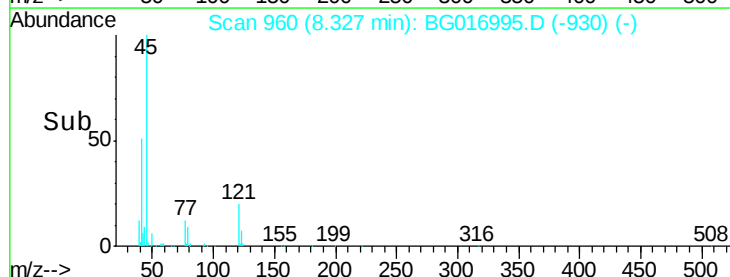
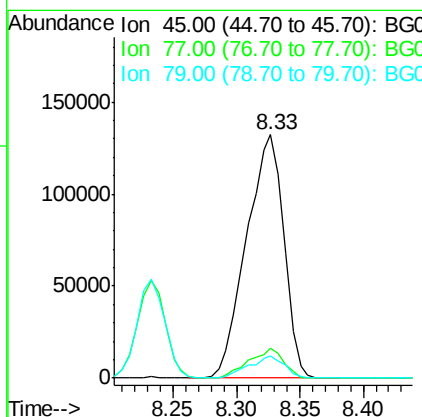
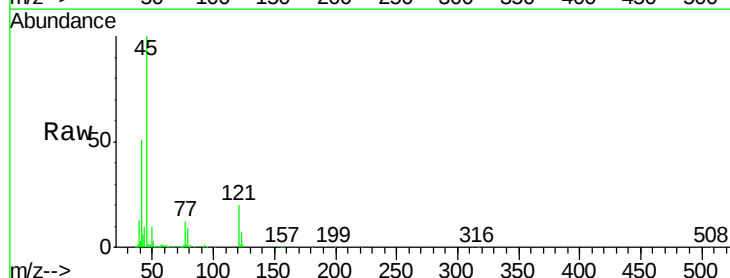
RT: 8.33 min Scan# 960

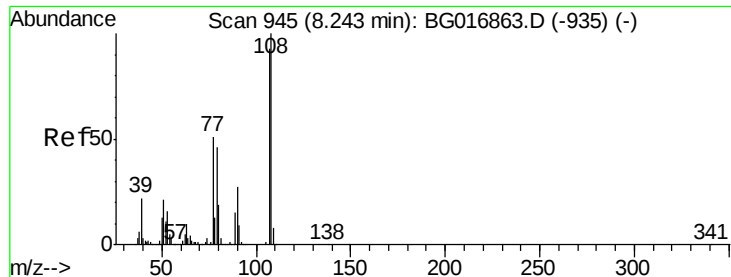
Delta R.T. -0.02 min

Lab File: BG016995.D

Acq: 9 May 2015 18:38

Tgt Ion:	45	Resp:	270923
Ion	Ratio	Lower	Upper
45	100		
77	12.2	0.0	31.8
79	9.3	0.0	29.1





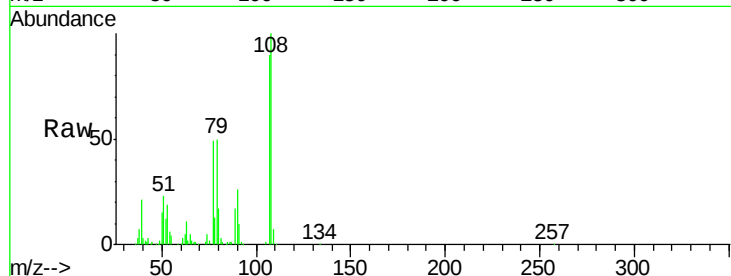
#17
2-Methylphenol
Concen: 45.85 ng
RT: 8.23 min Scan# 944
Delta R.T. -0.01 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Instrument :
BNA_G
ClientSampleId :
PB83287BSD

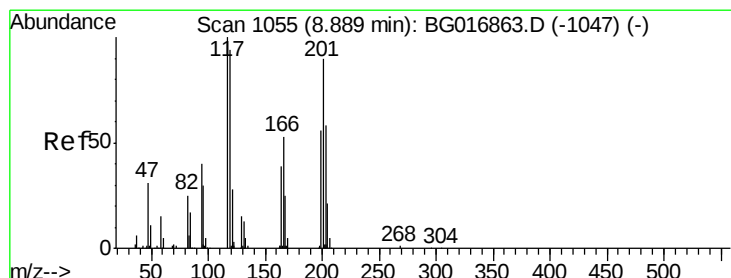
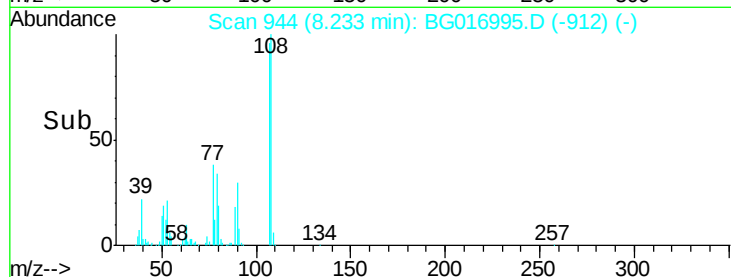
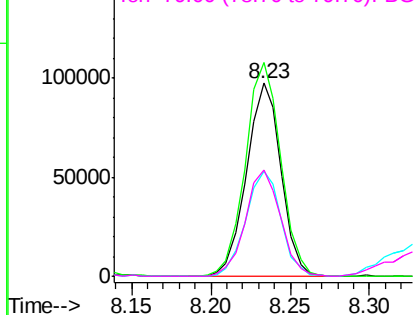
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	146975		
108	110.7	85.9	128.9	
77	54.6	43.8	65.6	
79	54.9	39.8	59.6	

Manual Integrations
APPROVED

apatel
5/19/2015 9:23:26 AM

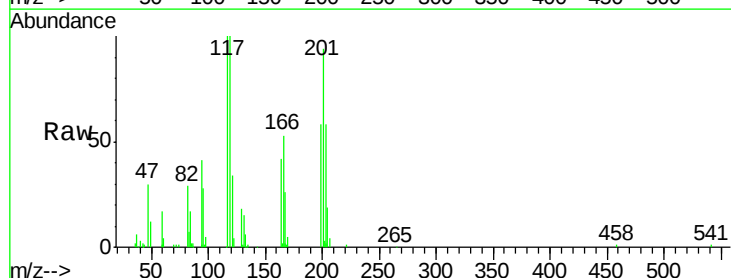


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

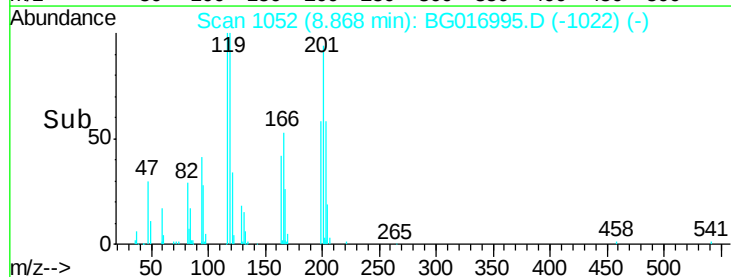
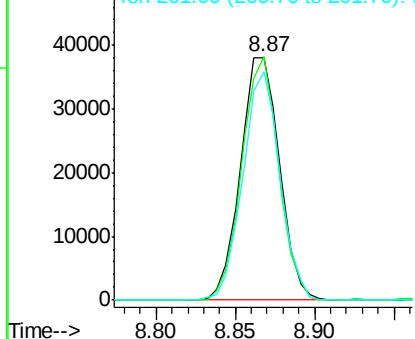


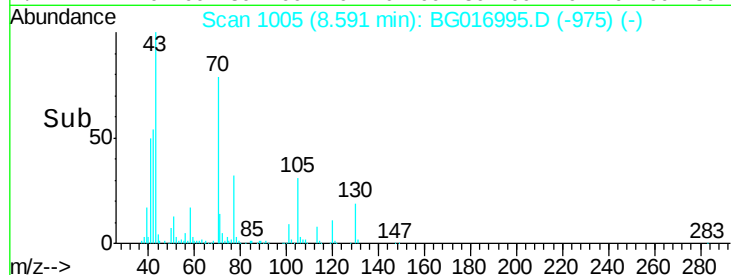
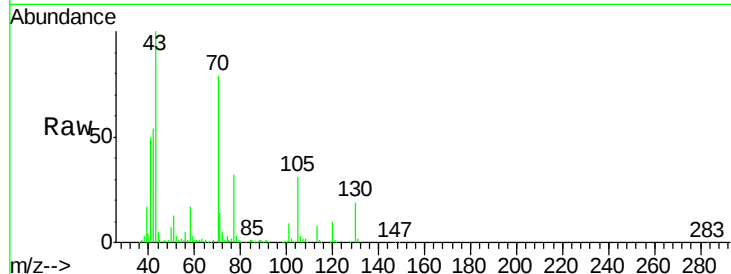
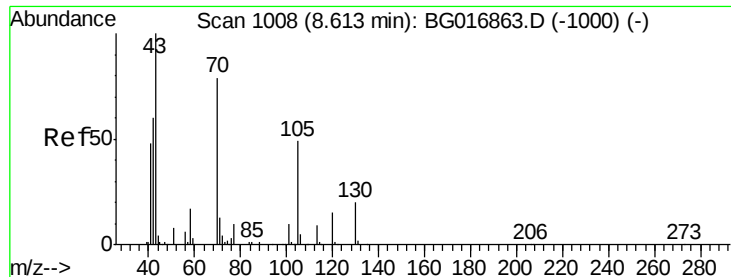
#18
Hexachloroethane
Concen: 41.35 ng
RT: 8.87 min Scan# 1052
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	65357		
119	100.2	74.8	112.2	
201	94.0	72.1	108.1	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





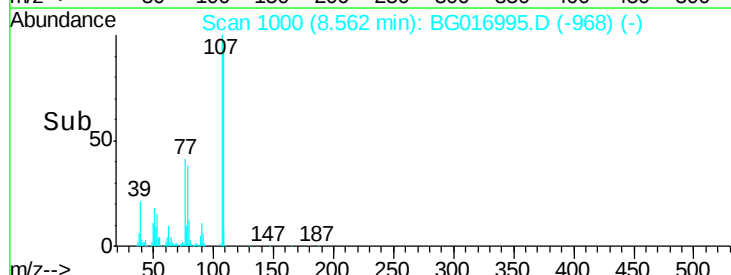
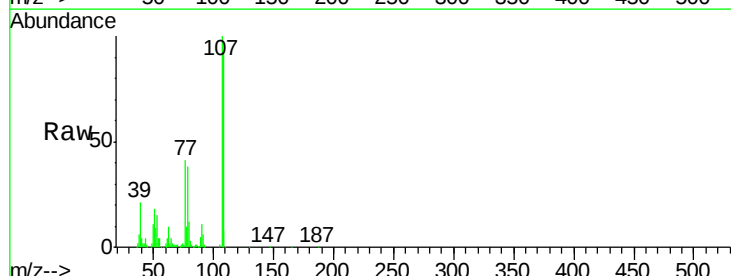
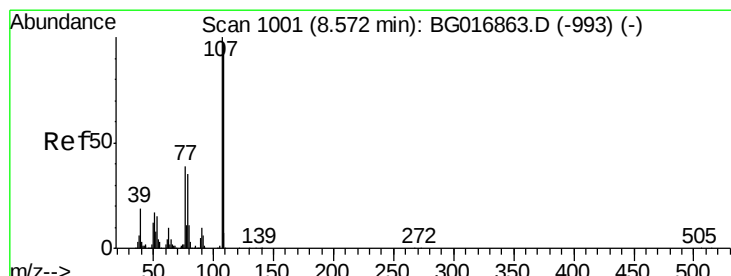
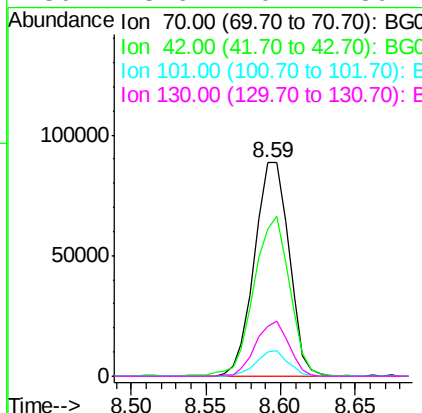
#19
n-Nitroso-di-n-propylamine
Concen: 38.28 ng
RT: 8.59 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Instrument :
BNA_G
ClientSampleId :
PB83287BSD

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	142490		
42	69.2	61.5	92.3	
101	11.6	9.8	14.6	
130	23.6	20.2	30.4	

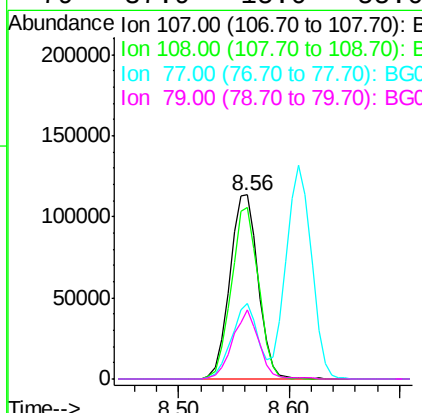
Manual Integrations
APPROVED

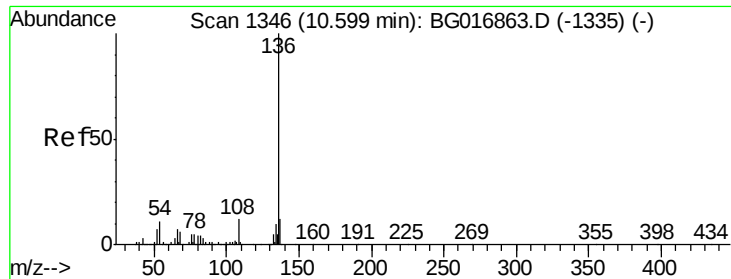
apatel
5/19/2015 9:23:26 AM



#20
3+4-Methylphenols
Concen: 46.43 ng
RT: 8.56 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	205111		
108	93.5	76.6	116.6	
77	41.1	19.0	59.0	
79	37.9	15.0	55.0	





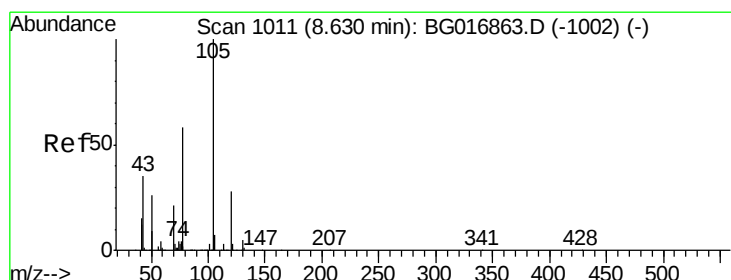
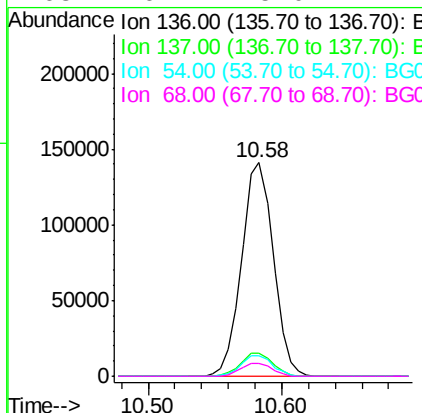
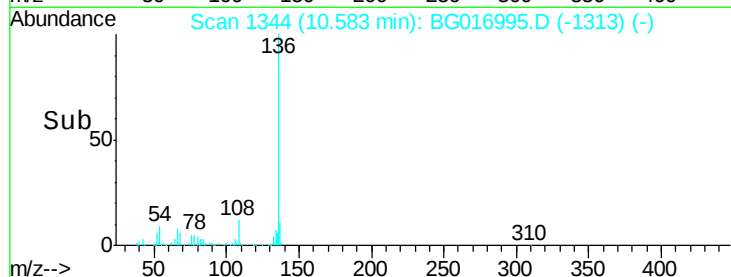
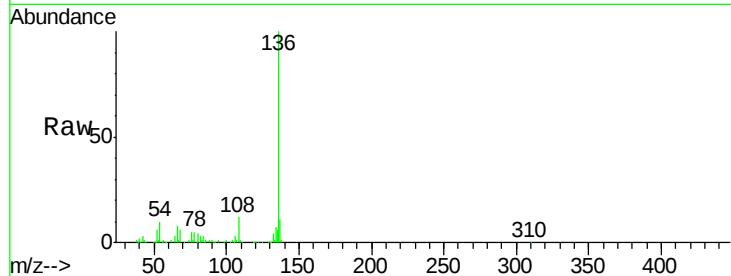
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.58 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Instrument :
BNA_G
ClientSampleId :
PB83287BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	10.9	9.8	14.8
54	9.6	8.7	13.1
68	6.1	5.0	7.4

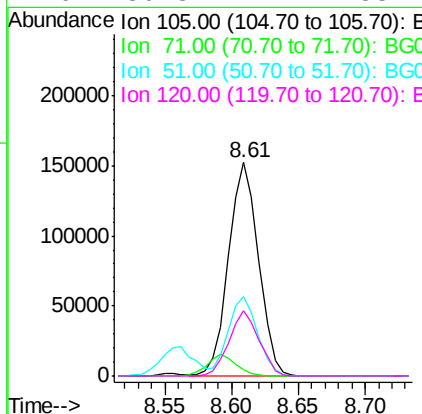
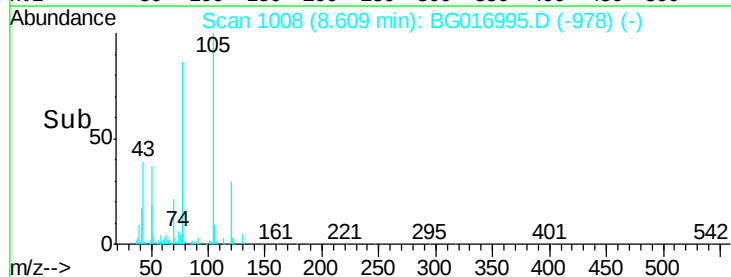
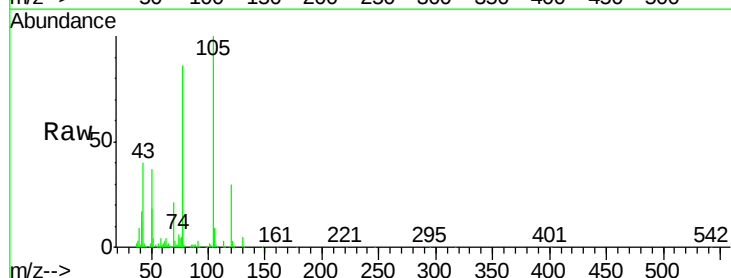
Manual Integrations
APPROVED

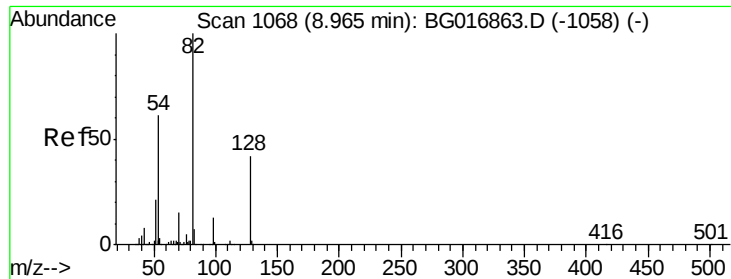
apatel
5/19/2015 9:23:26 AM



#22
Acetophenone
Concen: 43.55 ng
RT: 8.61 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	3.0	2.8	4.2
51	37.2	29.4	44.2
120	30.3	22.2	33.4





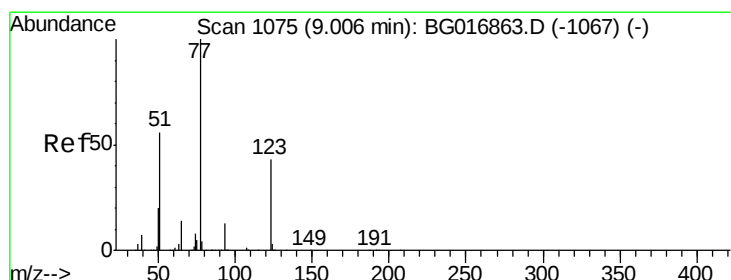
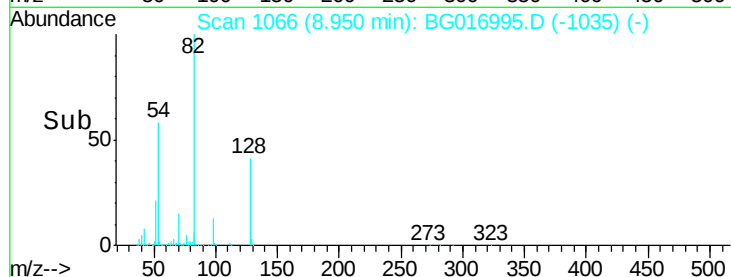
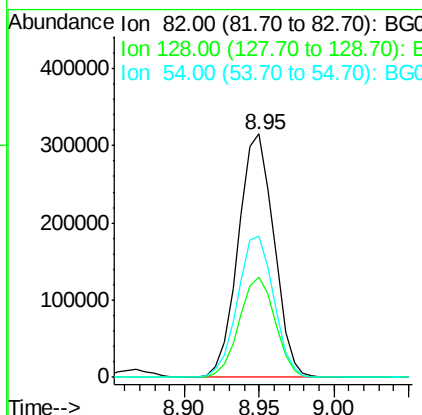
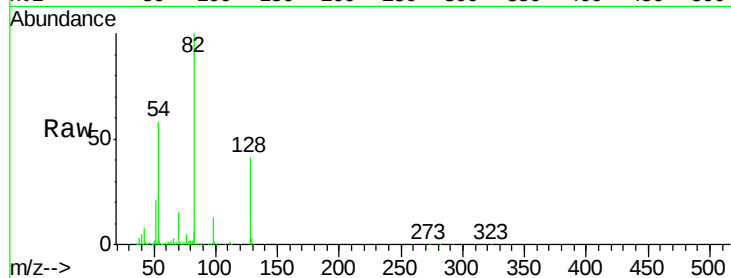
#23
 Nitrobenzene-d5
 Concen: 110.90 ng
 RT: 8.95 min Scan# 1066
 Delta R.T. -0.02 min
 Lab File: BG016995.D
 Acq: 9 May 2015 18:38

Instrument :
 BNA_G
 ClientSampleId :
 PB83287BSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	523928		
128	41.3	33.2	49.8	
54	57.7	48.6	72.8	

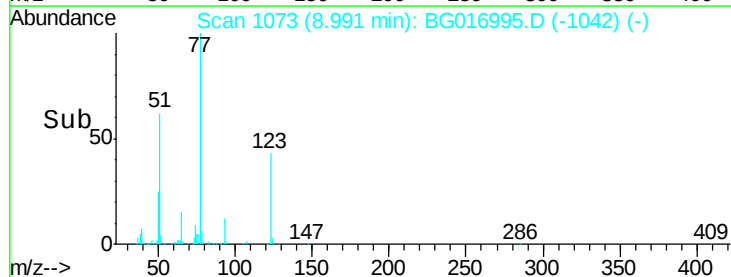
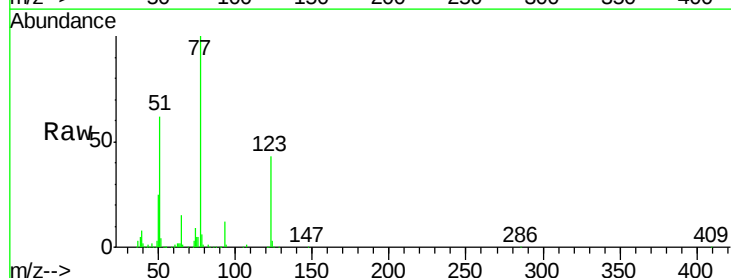
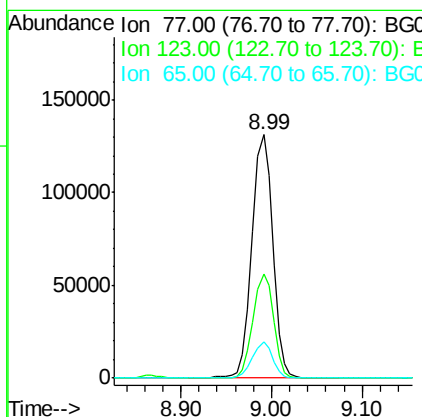
Manual Integrations
 APPROVED

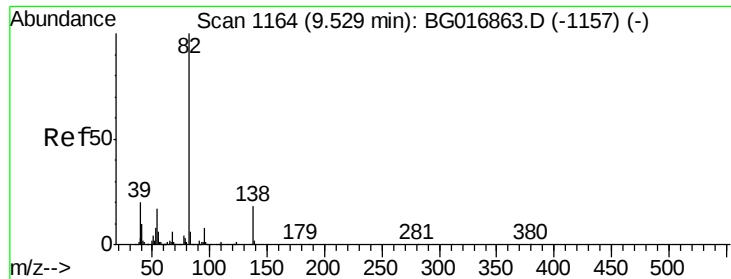
apatel
 5/19/2015 9:23:26 AM



#24
 Nitrobenzene
 Concen: 43.86 ng
 RT: 8.99 min Scan# 1073
 Delta R.T. -0.02 min
 Lab File: BG016995.D
 Acq: 9 May 2015 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	209246		
123	42.5	34.0	51.0	
65	15.1	11.2	16.8	





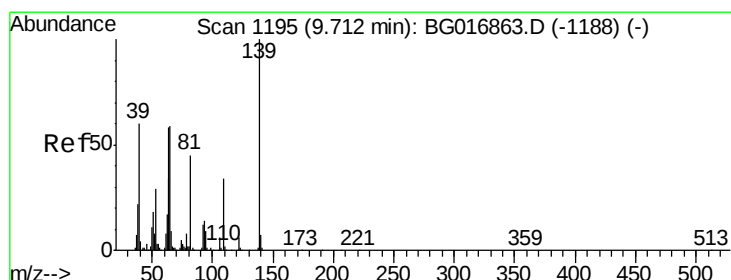
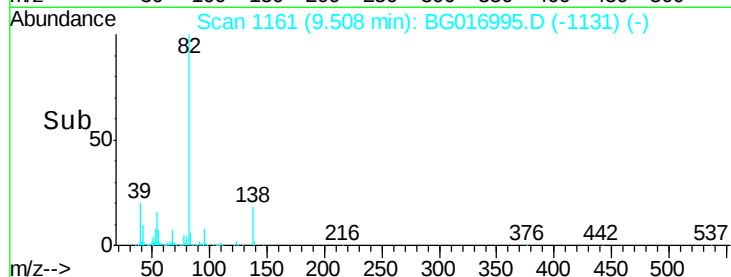
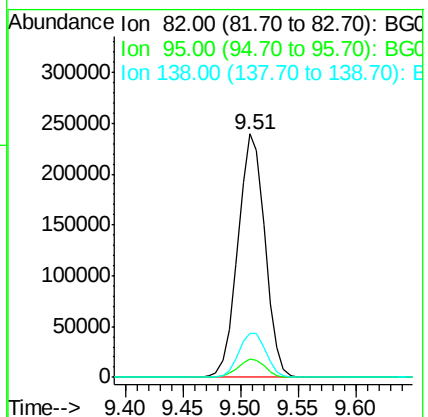
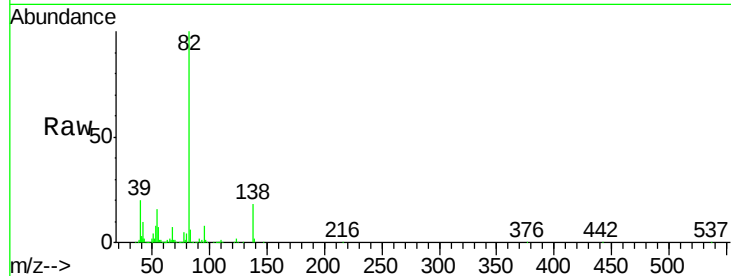
#25
Isophorone
Concen: 40.59 ng
RT: 9.51 min Scan# 1161
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Instrument :
BNA_G
ClientSampleId :
PB83287BSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	387185		
95	7.6	6.7	10.1	
138	18.2	14.7	22.1	

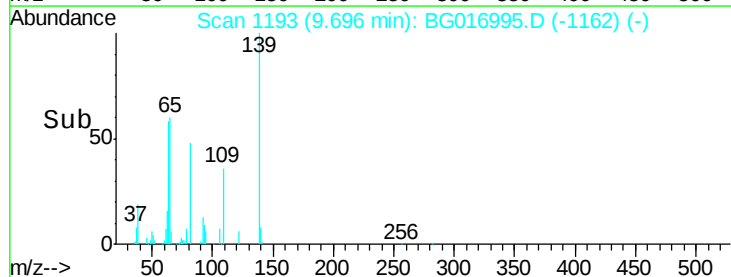
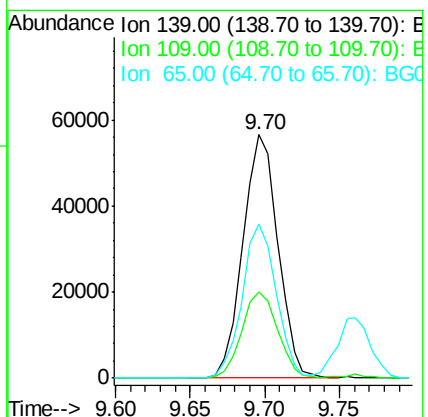
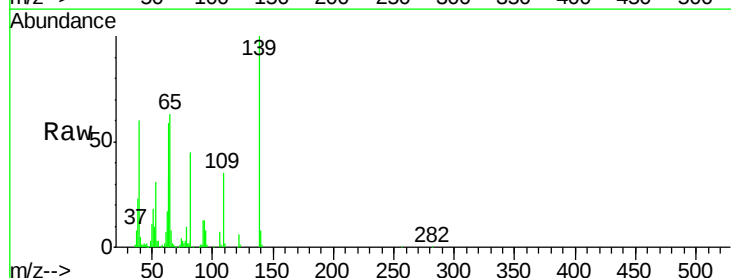
Manual Integrations
APPROVED

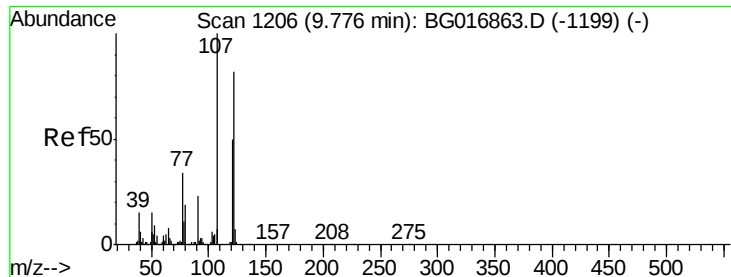
apatel
5/19/2015 9:23:26 AM



#26
2-Nitrophenol
Concen: 47.24 ng
RT: 9.70 min Scan# 1193
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	91768		
109	35.2	27.4	41.2	
65	63.1	47.1	70.7	





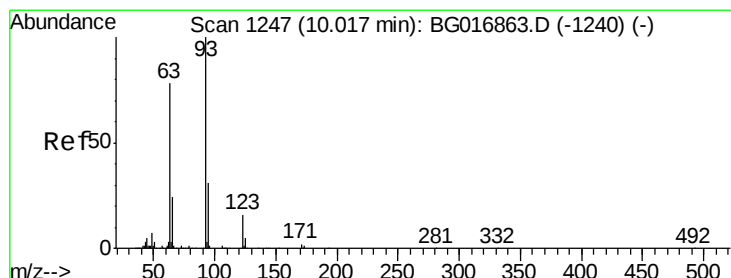
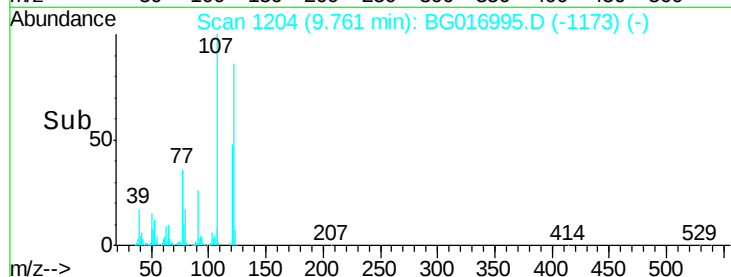
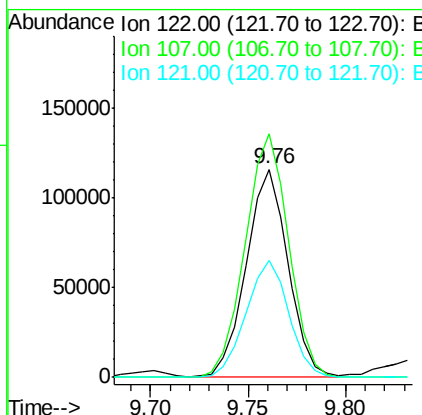
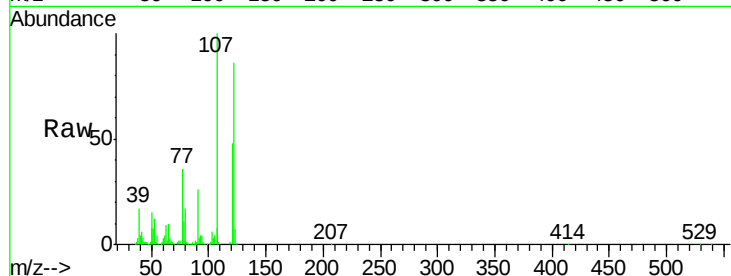
#27
 2,4-Dimethylphenol
 Concen: 48.52 ng
 RT: 9.76 min Scan# 1204
 Delta R.T. -0.02 min
 Lab File: BG016995.D
 Acq: 9 May 2015 18:38

Instrument :
 BNA_G
 ClientSampleId :
 PB83287BSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	170589		
107	116.9	97.6	146.4	
121	56.0	48.4	72.6	

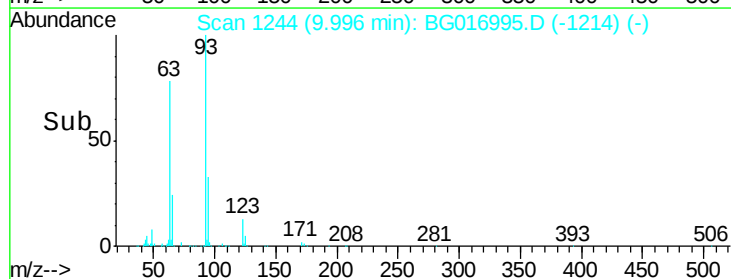
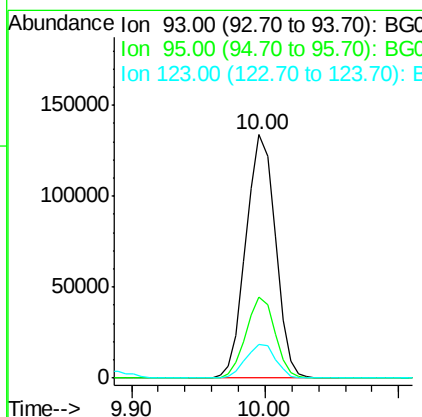
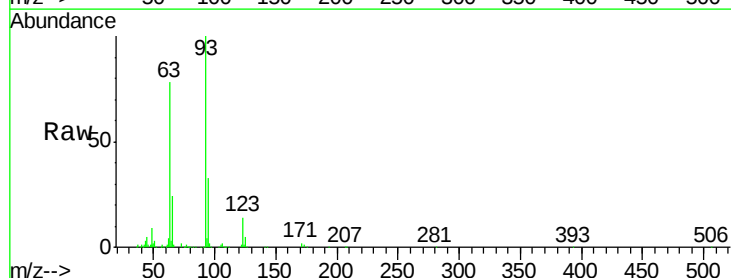
Manual Integrations
 APPROVED

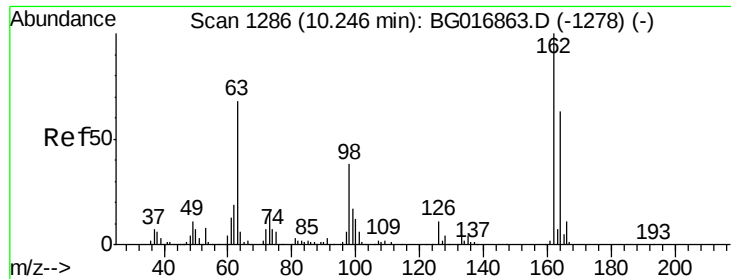
apatel
 5/19/2015 9:23:26 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.49 ng
 RT: 10.00 min Scan# 1244
 Delta R.T. -0.02 min
 Lab File: BG016995.D
 Acq: 9 May 2015 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	204612		
95	33.1	24.8	37.2	
123	13.8	12.6	19.0	





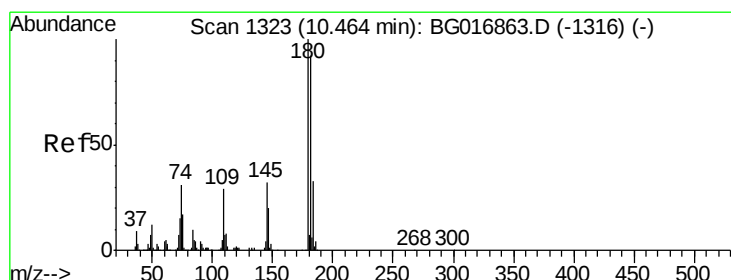
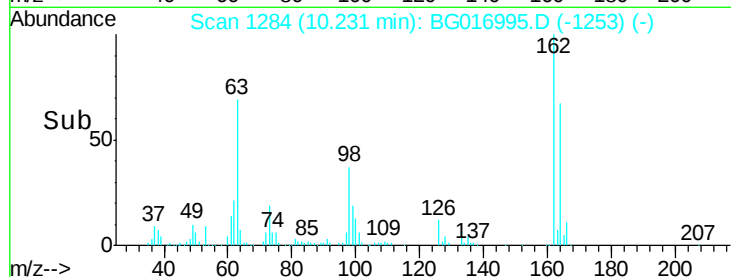
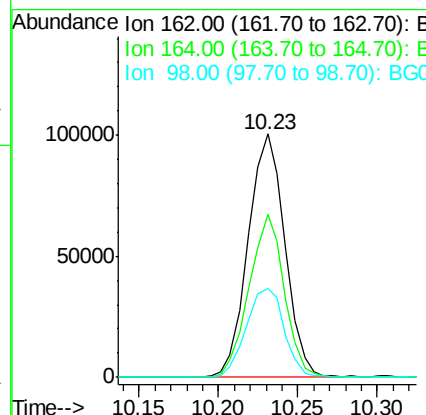
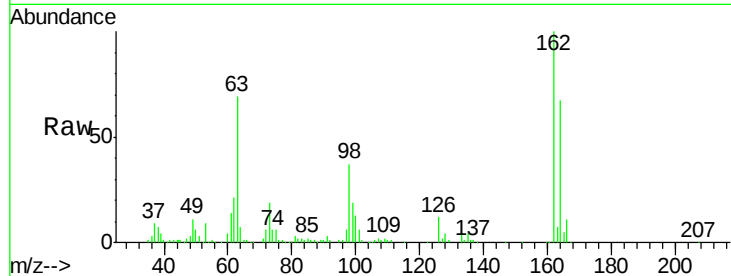
#29
 2,4-Dichlorophenol
 Concen: 48.71 ng
 RT: 10.23 min Scan# 1284
 Delta R.T. -0.02 min
 Lab File: BG016995.D
 Acq: 9 May 2015 18:38

Instrument :
 BNA_G
 ClientSampleId :
 PB83287BSD

Tgt Ion:	162	Resp:	161787
Ion Ratio	Lower	Upper	
162	100		
164	66.9	42.9	82.9
98	36.6	18.4	58.4

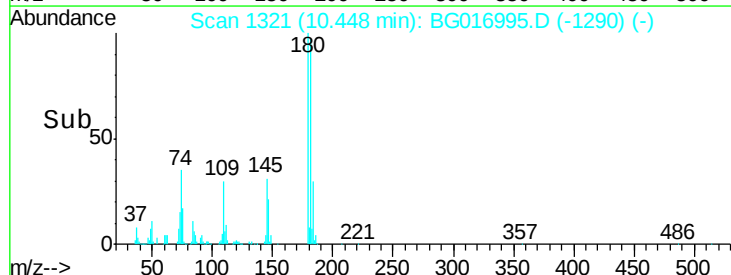
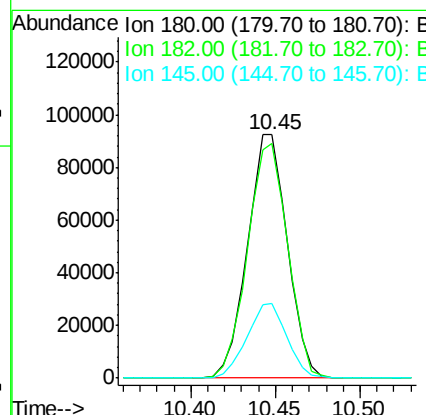
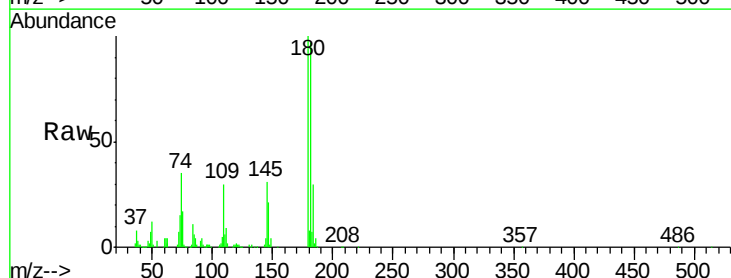
Manual Integrations
 APPROVED

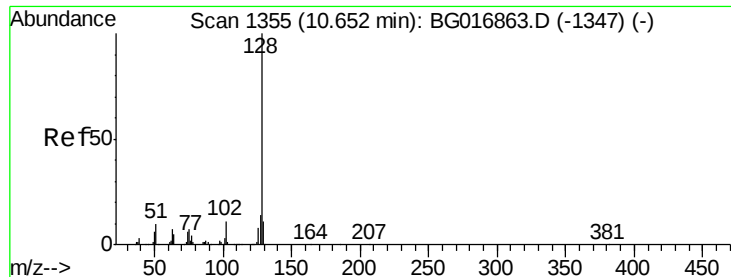
apatel
 5/19/2015 9:23:26 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 43.03 ng
 RT: 10.45 min Scan# 1321
 Delta R.T. -0.02 min
 Lab File: BG016995.D
 Acq: 9 May 2015 18:38

Tgt Ion:	180	Resp:	151540
Ion Ratio	Lower	Upper	
180	100		
182	96.6	73.8	110.8
145	30.8	25.4	38.0





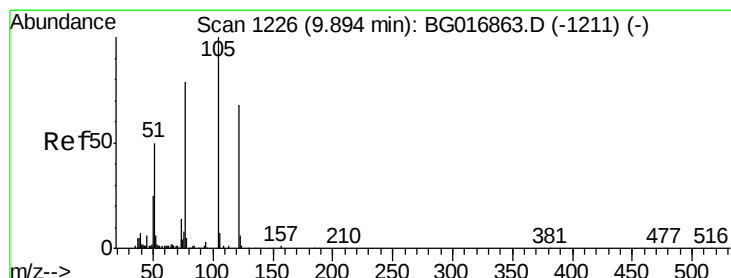
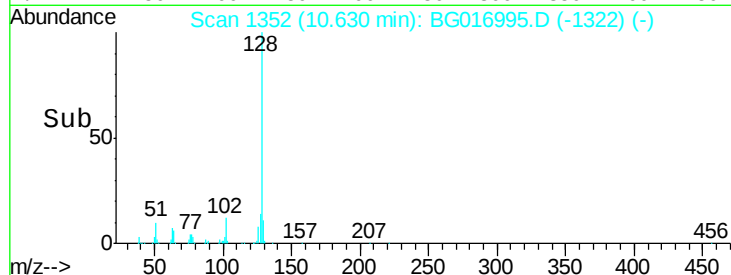
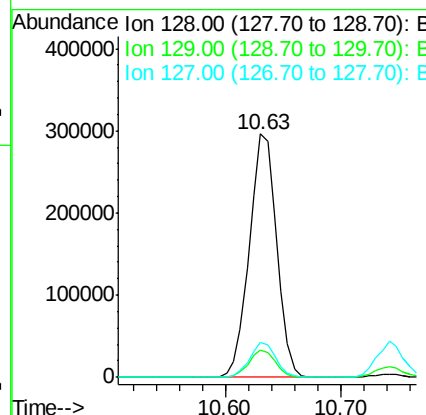
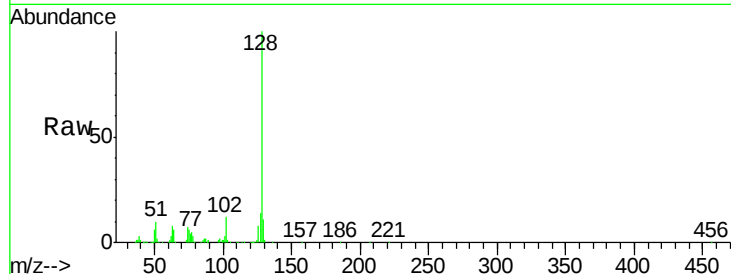
#31
Naphthalene
Concen: 42.42 ng
RT: 10.63 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Instrument :
BNA_G
ClientSampleId :
PB83287BSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	486990		
129	11.4	9.1	13.7	
127	14.3	10.9	16.3	

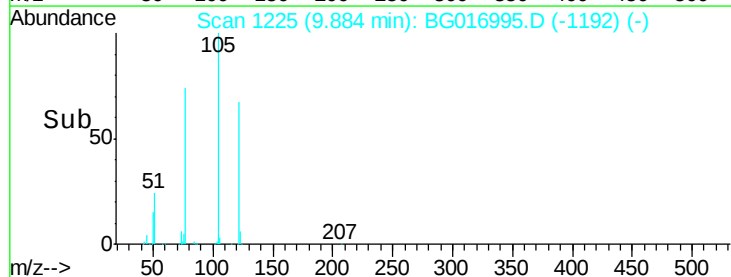
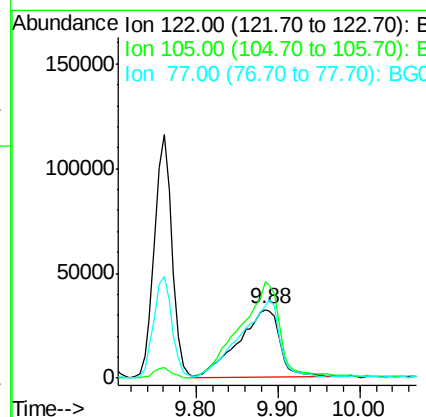
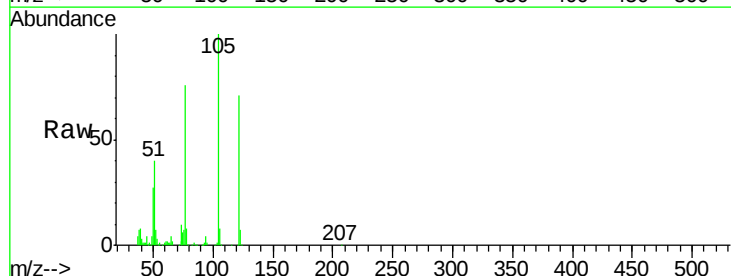
Manual Integrations
APPROVED

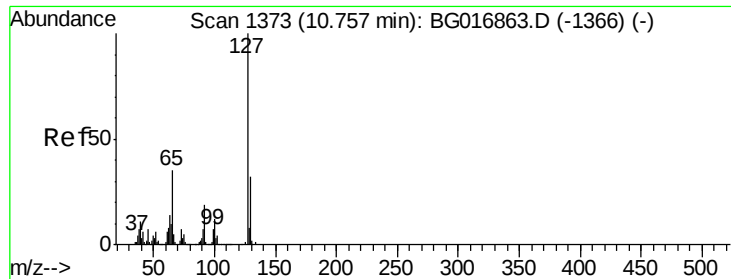
apatel
5/19/2015 9:23:26 AM



#32
Benzoic acid
Concen: 52.27 ng
RT: 9.88 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	114392		
105	140.1	123.2	163.2	
77	106.0	93.0	133.0	





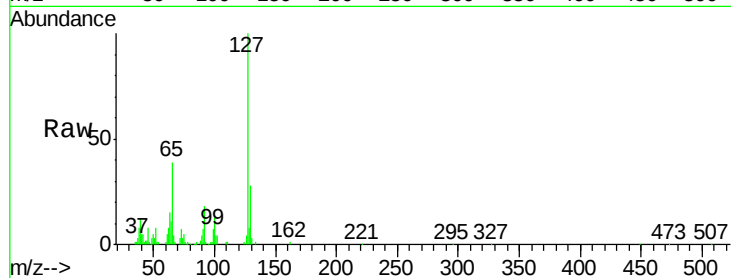
#33
4-Chloroaniline
Concen: 13.58 ng
RT: 10.74 min Scan# 1371
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Instrument :
BNA_G
ClientSampleId :
PB83287BSD

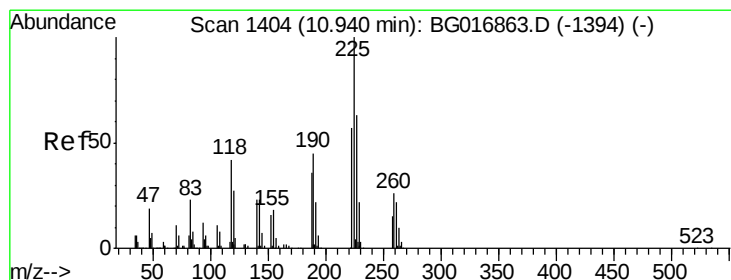
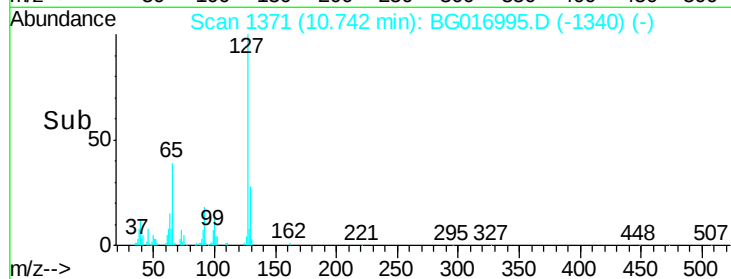
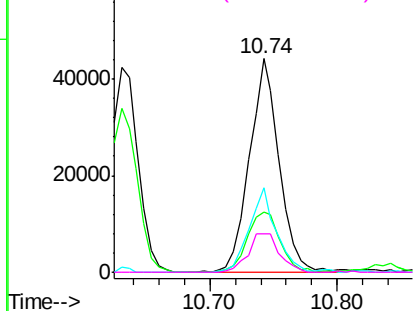
Tgt Ion	Ratio	Lower	Upper
127	100		
129	28.2	25.8	38.6
65	39.4	28.2	42.2
92	18.1	15.6	23.4

Manual Integrations
APPROVED

apatel
5/19/2015 9:23:26 AM

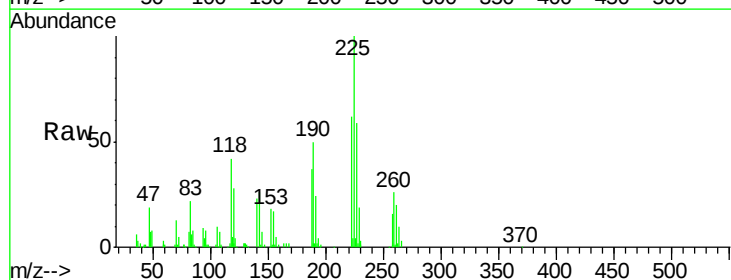


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

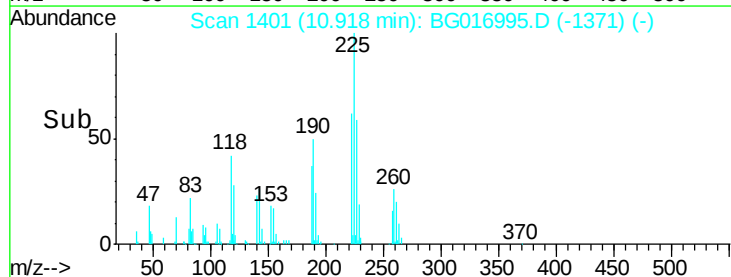
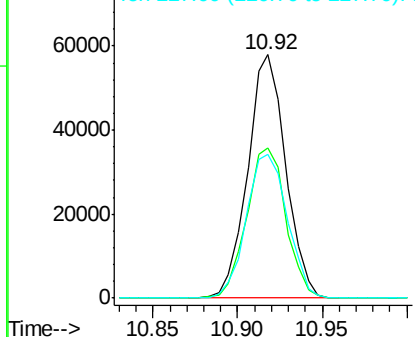


#34
Hexachlorobutadiene
Concen: 41.03 ng
RT: 10.92 min Scan# 1401
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	45.8	68.6
227	58.9	50.7	76.1



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





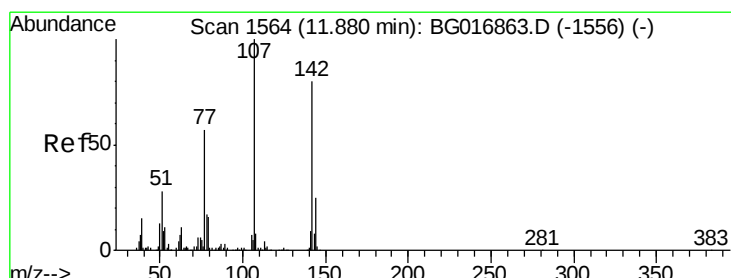
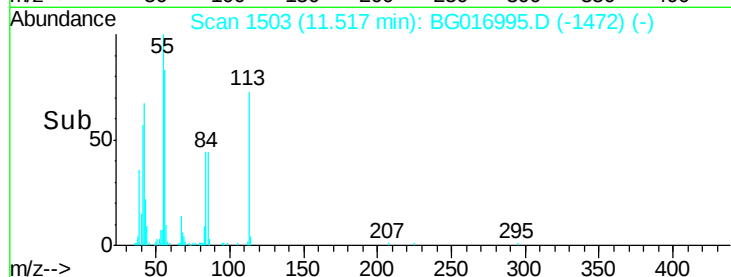
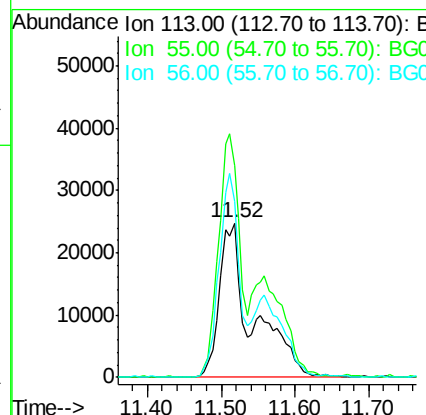
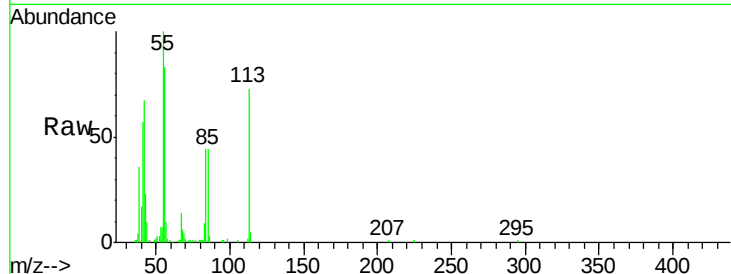
#35
 Caprolactam
 Concen: 44.84 ng m
 RT: 11.52 min Scan# 1503
 Delta R.T. -0.02 min
 Lab File: BG016995.D
 Acq: 9 May 2015 18:38

Instrument :
 BNA_G
 ClientSampleId :
 PB83287BSD

Tgt Ion	Ratio	Lower	Upper
113	100		
55	136.7	137.1	177.1#
56	113.5	94.3	134.3

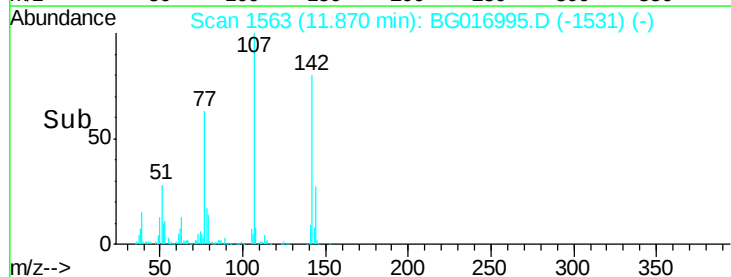
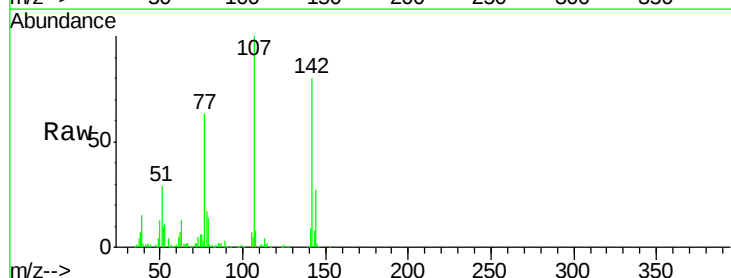
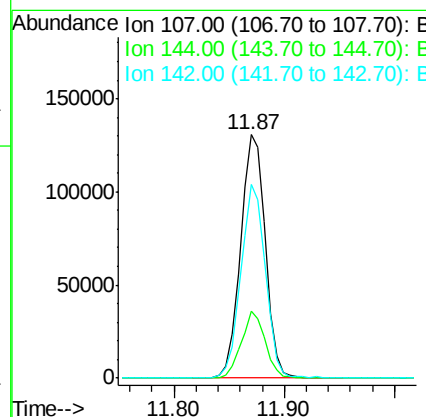
Manual Integrations
 APPROVED

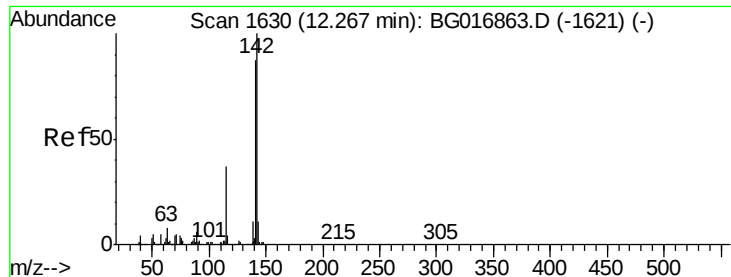
apatel
 5/19/2015 9:23:26 AM



#36
 4-Chloro-3-methylphenol
 Concen: 48.33 ng
 RT: 11.87 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BG016995.D
 Acq: 9 May 2015 18:38

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.4	20.2	30.2
142	79.6	64.2	96.2





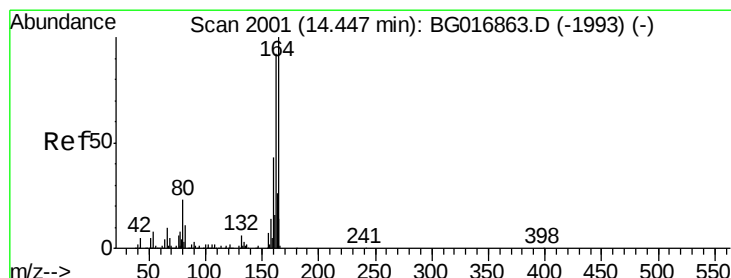
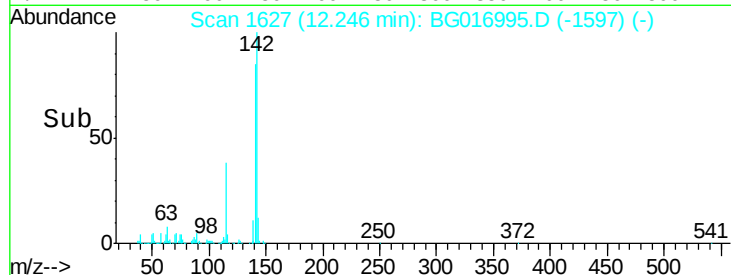
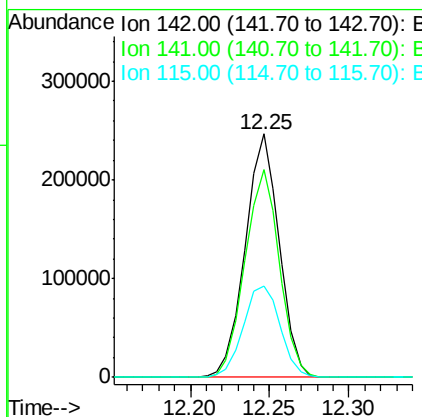
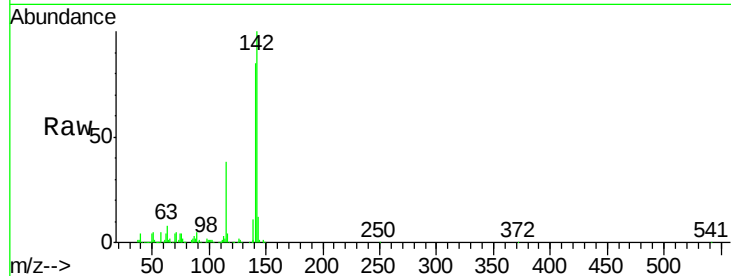
#37
 2-Methylnaphthalene
 Concen: 42.02 ng
 RT: 12.25 min Scan# 1627
 Delta R.T. -0.02 min
 Lab File: BG016995.D
 Acq: 9 May 2015 18:38

Instrument :
 BNA_G
 ClientSampleId :
 PB83287BSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	367394		
141	85.3	69.9	104.9	
115	37.7	29.8	44.8	

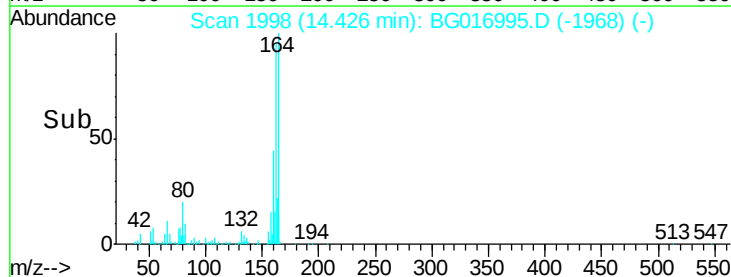
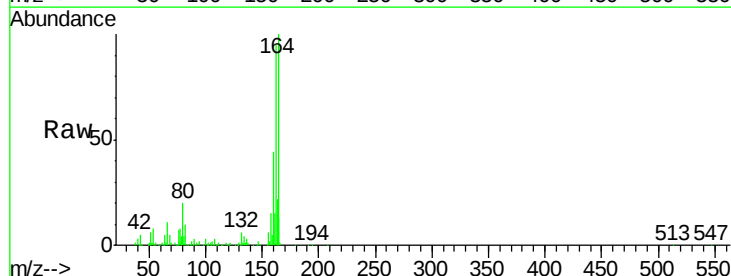
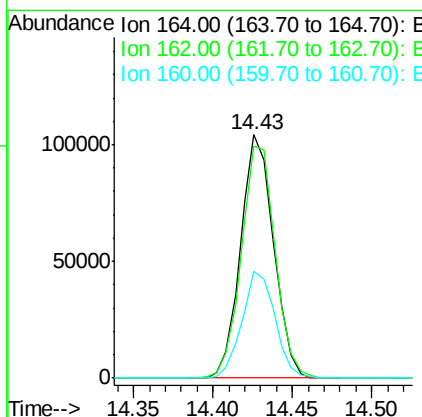
Manual Integrations
 APPROVED

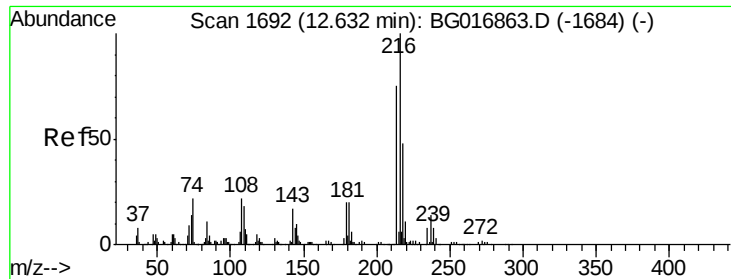
apatel
 5/19/2015 9:23:26 AM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1998
 Delta R.T. -0.02 min
 Lab File: BG016995.D
 Acq: 9 May 2015 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	150074		
162	95.3	74.0	111.0	
160	43.9	34.7	52.1	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.13 ng

RT: 12.62 min Scan# 1690

Delta R.T. -0.02 min

Lab File: BG016995.D

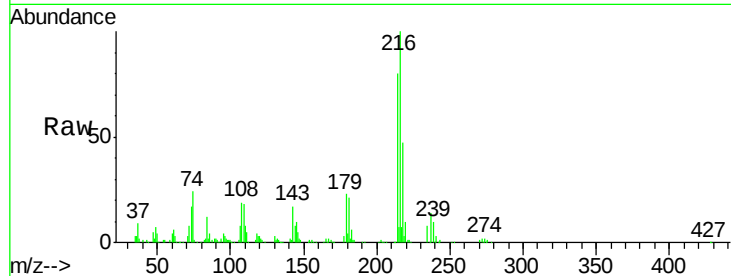
Acq: 9 May 2015 18:38

Instrument :

BNA_G

ClientSampleId :

PB83287BSD



Tgt Ion: 216 Resp: 166851

Ion Ratio Lower Upper

216 100

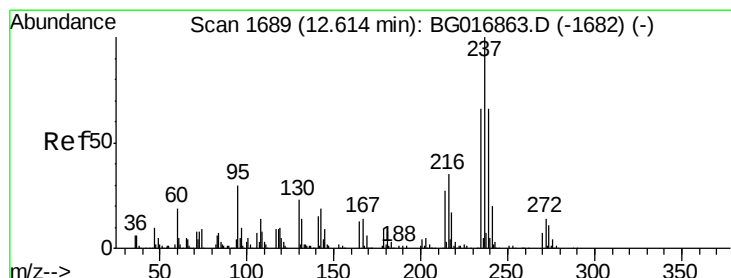
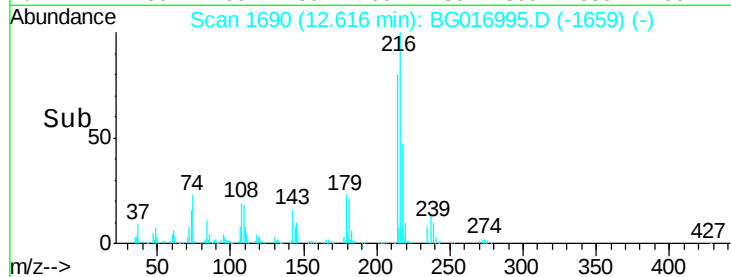
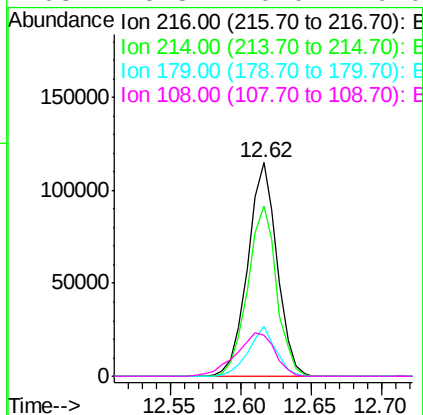
214 78.7 0.0 0.0#

179 21.4 0.0 0.0#

108 26.8 0.0 0.0#

Manual Integrations
APPROVED

apatel
5/19/2015 9:23:26 AM



#40

Hexachlorocyclopentadiene

Concen: 87.42 ng

RT: 12.60 min Scan# 1687

Delta R.T. -0.02 min

Lab File: BG016995.D

Acq: 9 May 2015 18:38

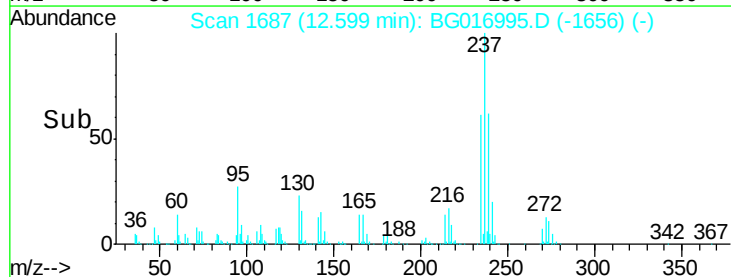
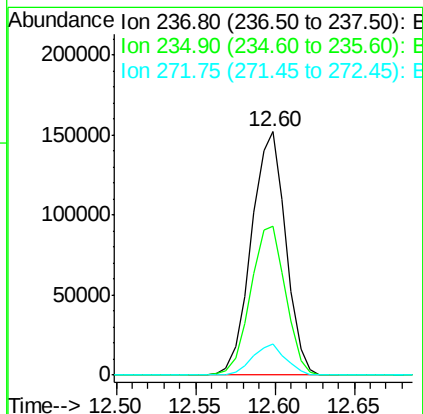
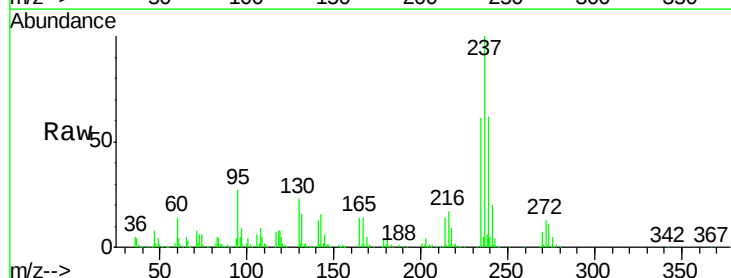
Tgt Ion: 237 Resp: 229036

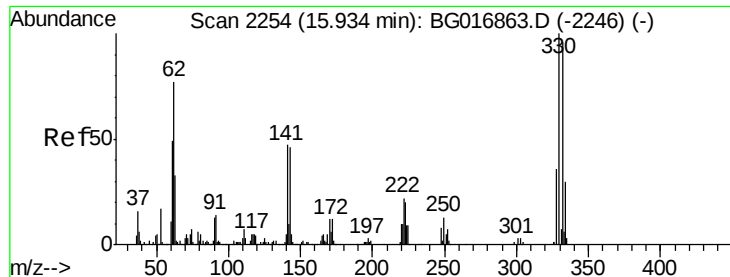
Ion Ratio Lower Upper

237 100

235 61.4 45.5 85.5

272 12.6 0.0 33.7





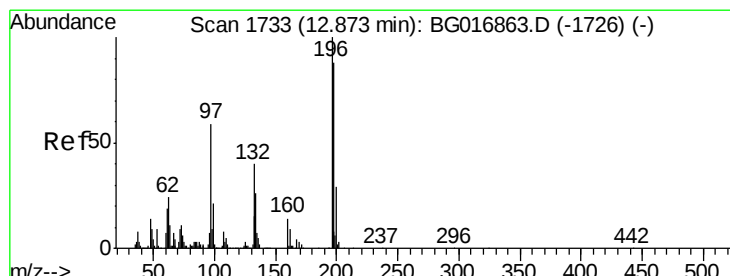
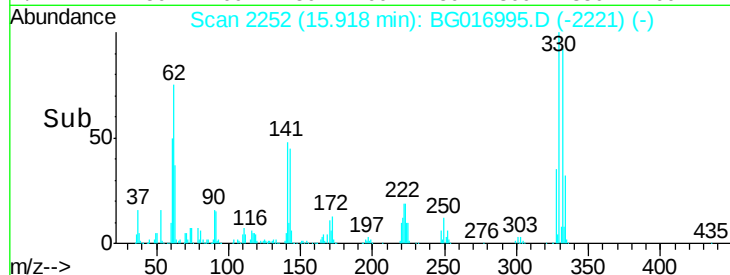
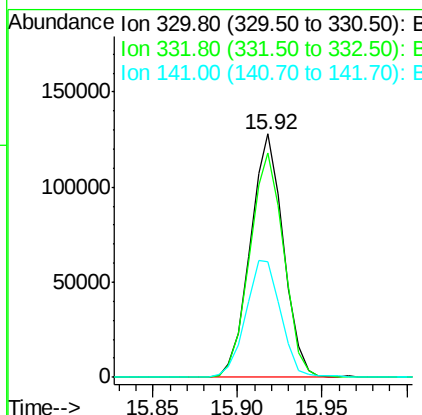
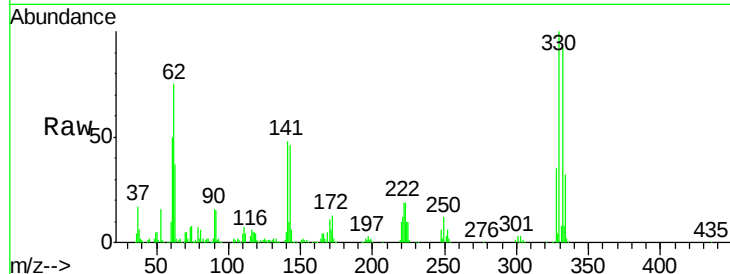
#41
 2,4,6-Tribromophenol
 Concen: 115.52 ng
 RT: 15.92 min Scan# 2252
 Delta R.T. -0.02 min
 Lab File: BG016995.D
 Acq: 9 May 2015 18:38

Instrument :
 BNA_G
 ClientSampleId :
 PB83287BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	95.0	0.0	0.0#
141	51.0	0.0	0.0#

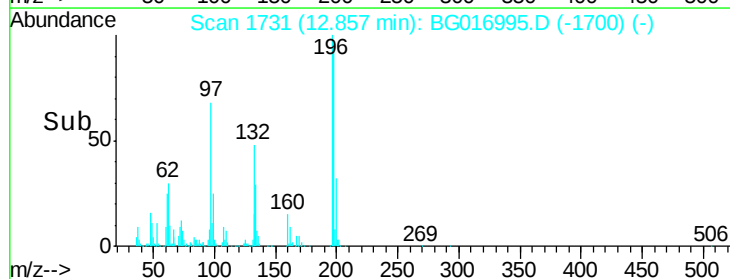
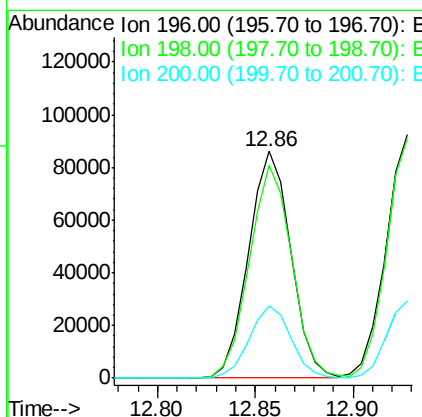
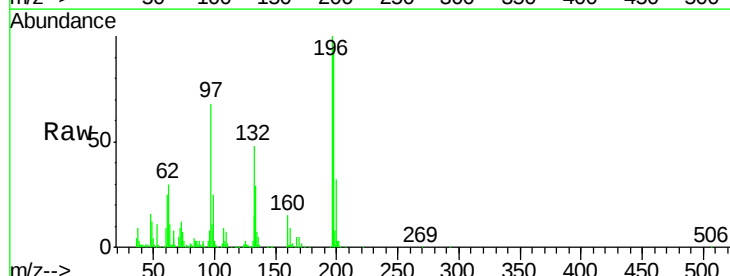
Manual Integrations
 APPROVED

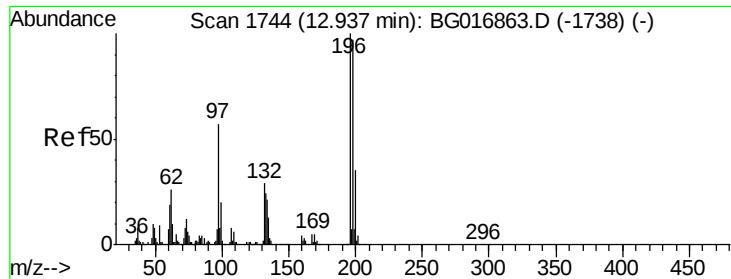
apatel
 5/19/2015 9:23:26 AM



#42
 2,4,6-Trichlorophenol
 Concen: 44.87 ng
 RT: 12.86 min Scan# 1731
 Delta R.T. -0.02 min
 Lab File: BG016995.D
 Acq: 9 May 2015 18:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
196	100		
198	94.1	70.7	106.1
200	31.8	23.0	34.4





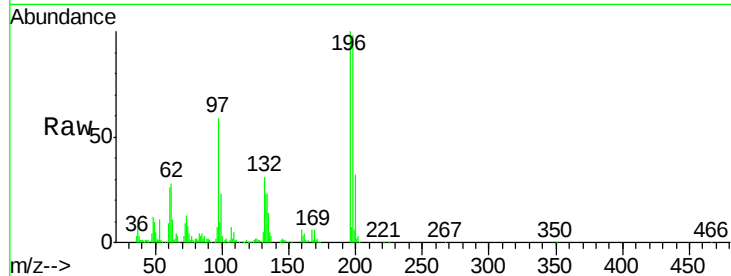
#43
 2,4,5-Trichlorophenol
 Concen: 46.90 ng
 RT: 12.93 min Scan# 1743
 Delta R.T. -0.01 min
 Lab File: BG016995.D
 Acq: 9 May 2015 18:38

Instrument :
 BNA_G
 ClientSampleId :
 PB83287BSD

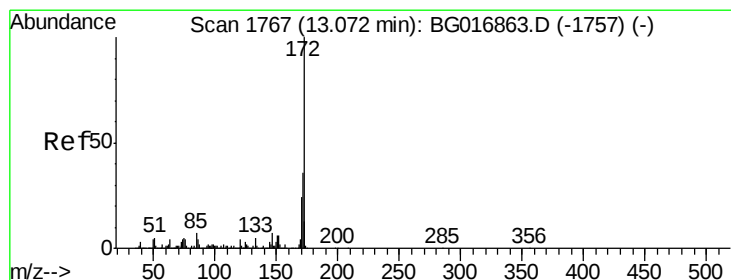
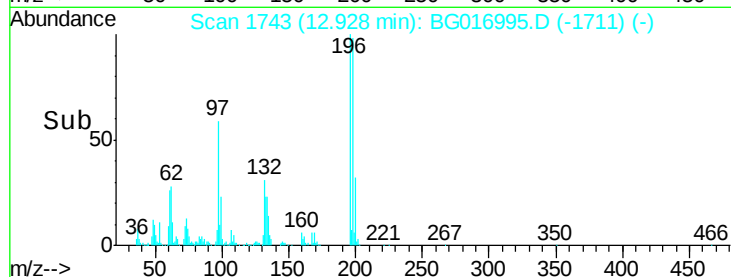
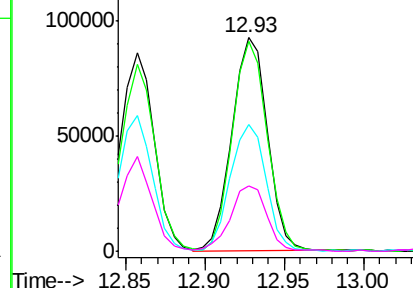
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	143129		
198	98.3	77.5	116.3	
97	59.4	45.9	68.9	
132	30.5	23.7	35.5	

Manual Integrations
 APPROVED

apatel
 5/19/2015 9:23:26 AM



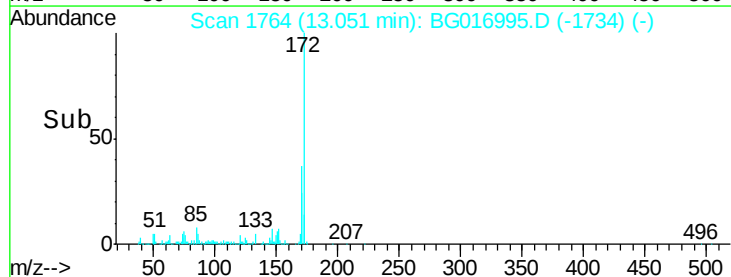
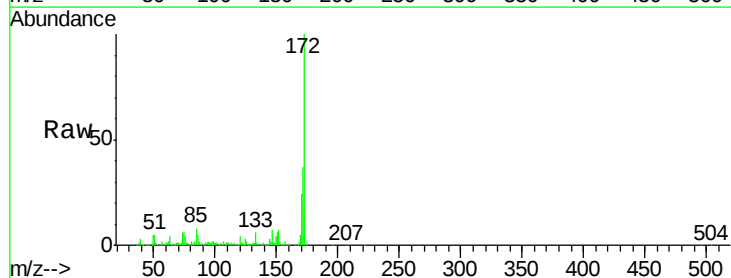
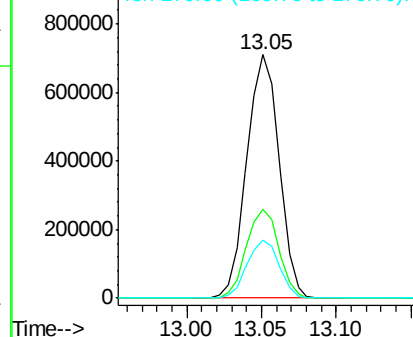
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

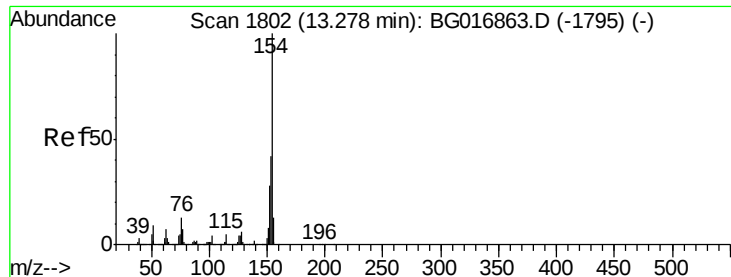


#44
 2-Fluorobiphenyl
 Concen: 106.89 ng
 RT: 13.05 min Scan# 1764
 Delta R.T. -0.02 min
 Lab File: BG016995.D
 Acq: 9 May 2015 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1063077		
171	36.6	29.0	43.4	
170	23.9	19.0	28.4	

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





#45

1,1'-Biphenyl

Concen: 43.54 ng

RT: 13.26 min Scan# 1800

Delta R.T. -0.02 min

Lab File: BG016995.D

Acq: 9 May 2015 18:38

Instrument :

BNA_G

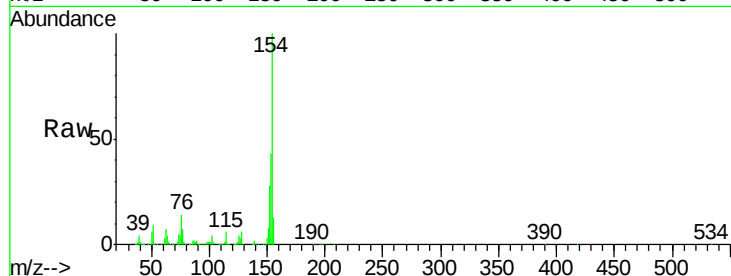
ClientSampleId :

PB83287BSD

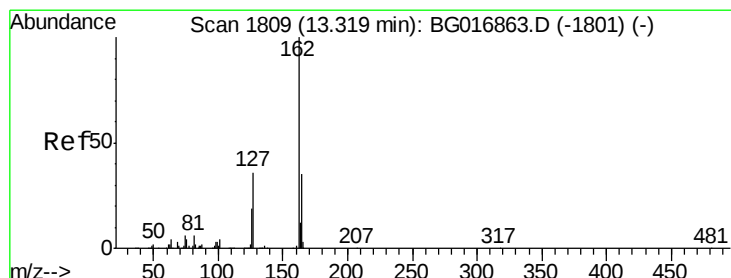
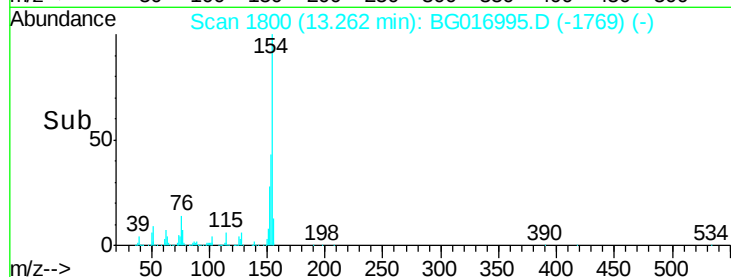
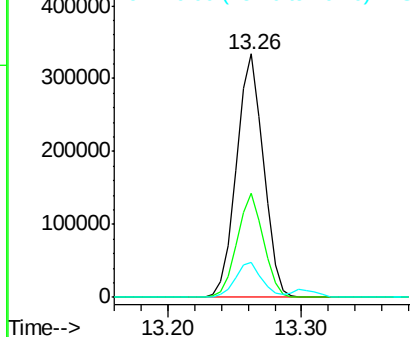
Tgt Ion:	154	Resp:	467848
Ion Ratio	Lower	Upper	
154	100		
153	42.7	22.0	62.0
76	14.4	0.0	33.3

Manual Integrations
APPROVED

apatel
5/19/2015 9:23:26 AM



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



#46

2-Chloronaphthalene

Concen: 44.20 ng

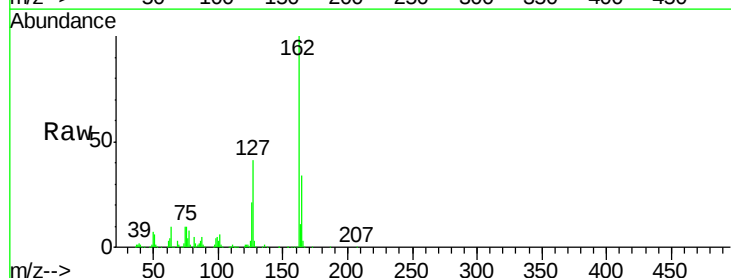
RT: 13.30 min Scan# 1807

Delta R.T. -0.02 min

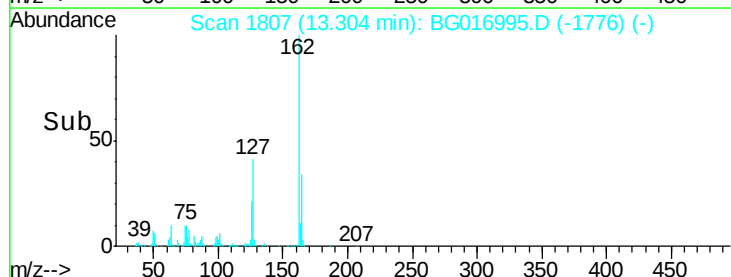
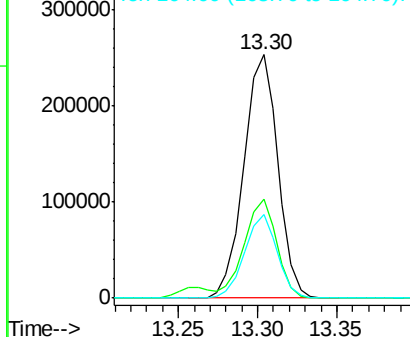
Lab File: BG016995.D

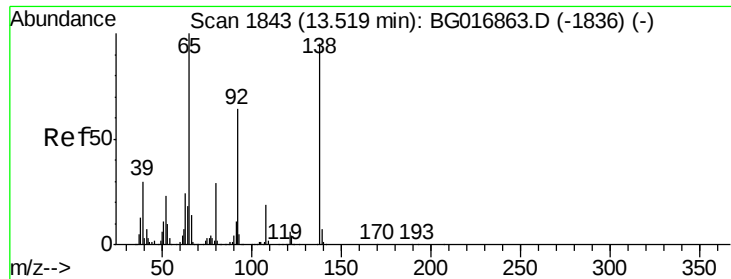
Acq: 9 May 2015 18:38

Tgt Ion:	162	Resp:	376184
Ion Ratio	Lower	Upper	
162	100		
127	40.6	31.2	46.8
164	34.2	27.8	41.6



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





#47

2-Nitroaniline

Concen: 54.13 ng

RT: 13.51 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BG016995.D

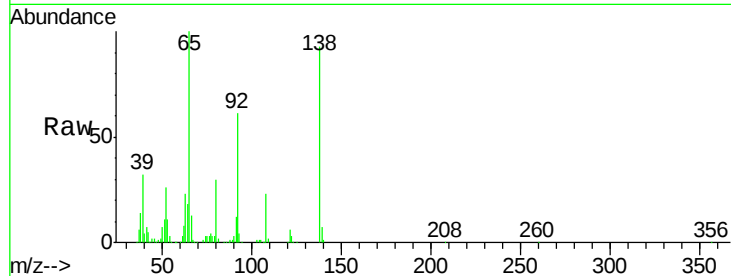
Acq: 9 May 2015 18:38

Instrument :

BNA_G

ClientSampleId :

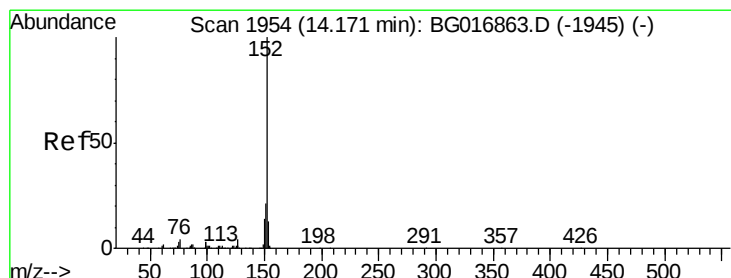
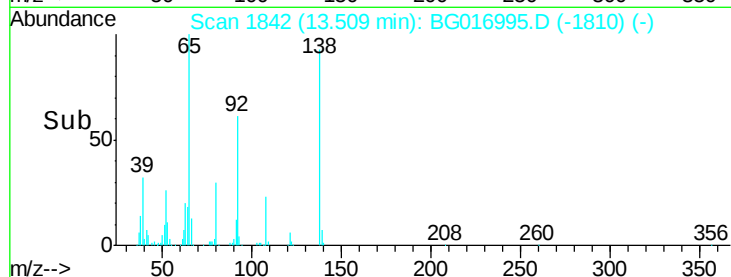
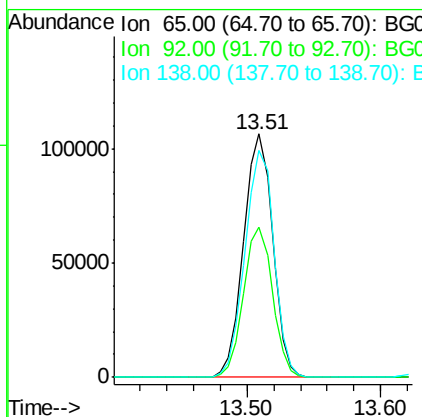
PB83287BSD



Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.5	51.0	76.6
138	93.2	76.2	114.2

Manual Integrations
APPROVED

apatel
5/19/2015 9:23:26 AM



#48

Acenaphthylene

Concen: 43.42 ng

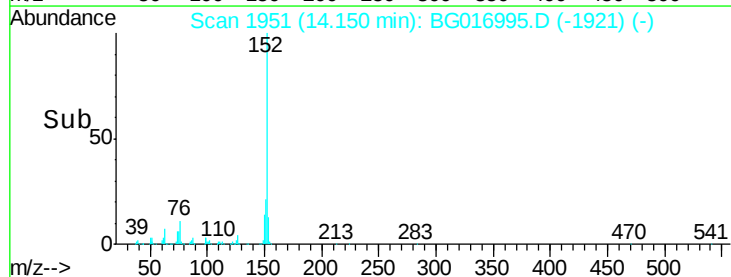
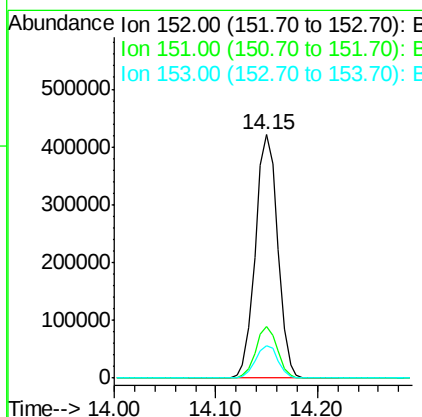
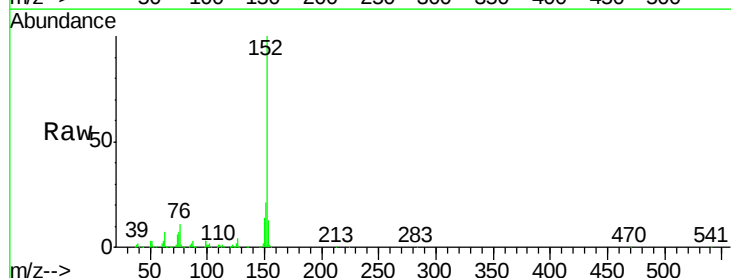
RT: 14.15 min Scan# 1951

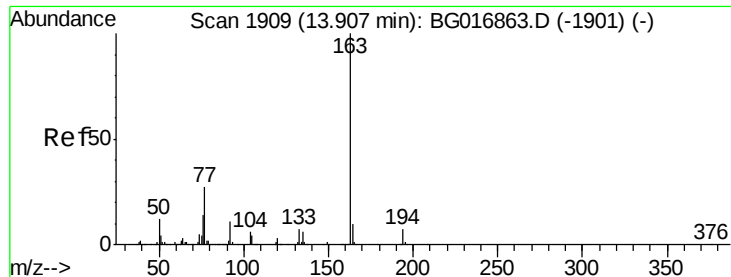
Delta R.T. -0.02 min

Lab File: BG016995.D

Acq: 9 May 2015 18:38

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.0	25.4
153	13.2	10.7	16.1





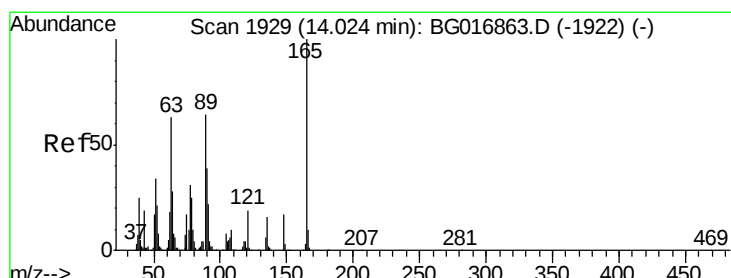
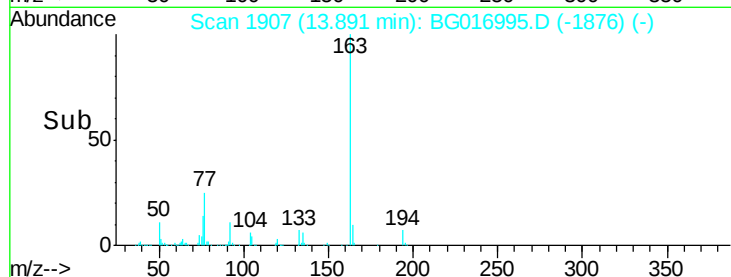
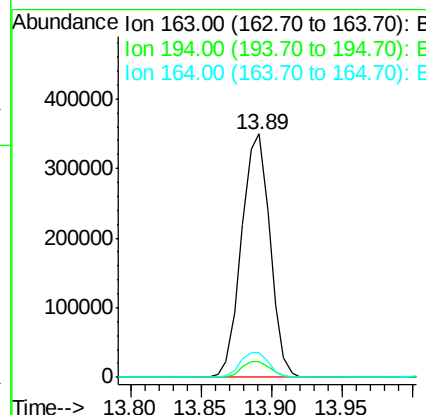
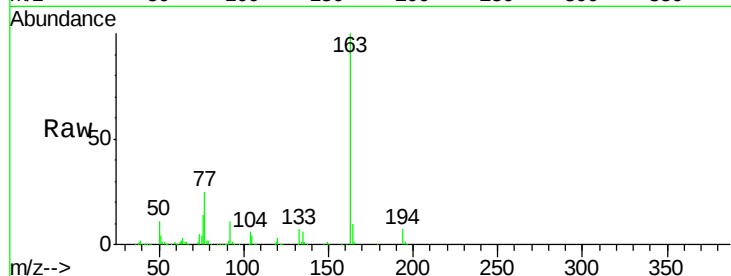
#49
Dimethylphthalate
Concen: 43.97 ng
RT: 13.89 min Scan# 1907
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Instrument :
BNA_G
ClientSampleId :
PB83287BSD

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	492750		
194	6.5	5.2	7.8	
164	10.2	8.4	12.6	

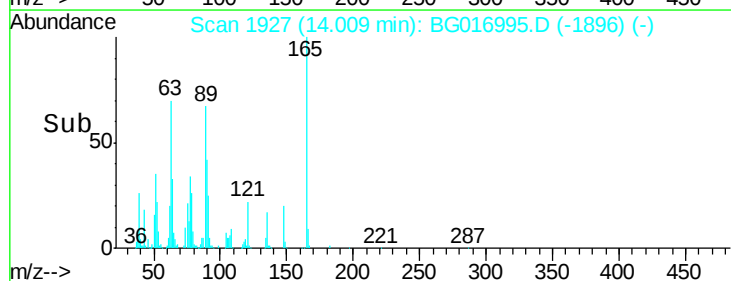
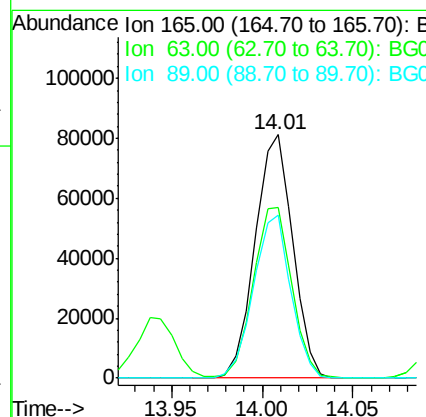
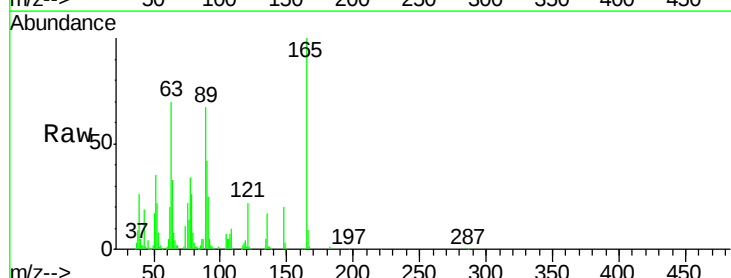
Manual Integrations
APPROVED

apatel
5/19/2015 9:23:26 AM



#50
2,6-Dinitrotoluene
Concen: 50.40 ng
RT: 14.01 min Scan# 1927
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	117273		
63	69.8	50.9	76.3	
89	66.7	51.4	77.2	





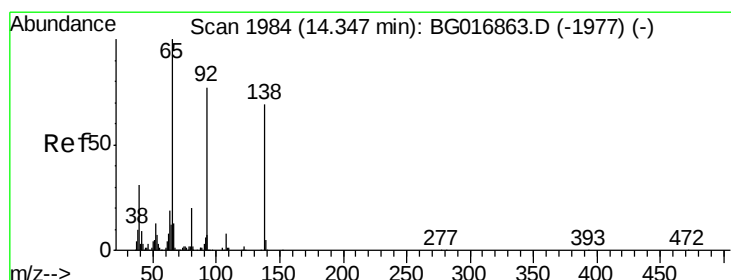
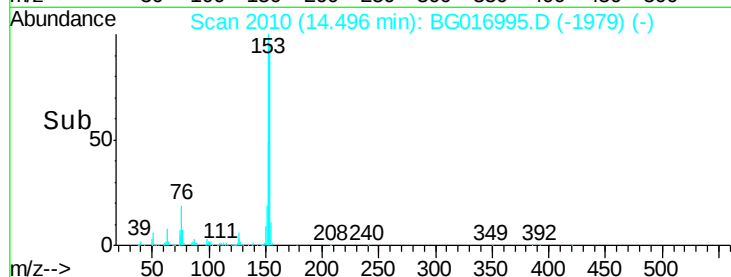
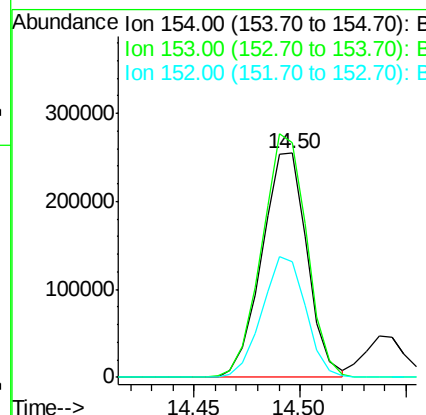
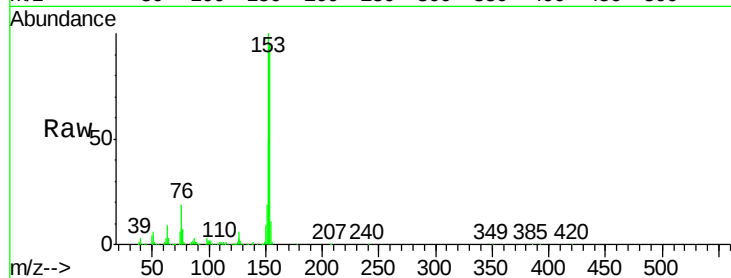
#51
Acenaphthene
Concen: 43.02 ng
RT: 14.50 min Scan# 2010
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Instrument :
BNA_G
ClientSampleId :
PB83287BSD

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	379486		
153	105.0	84.2	126.4	
152	51.7	40.2	60.2	

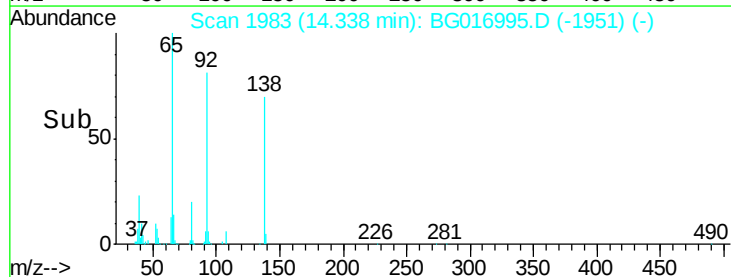
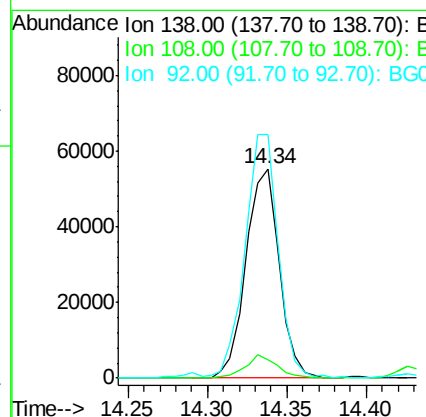
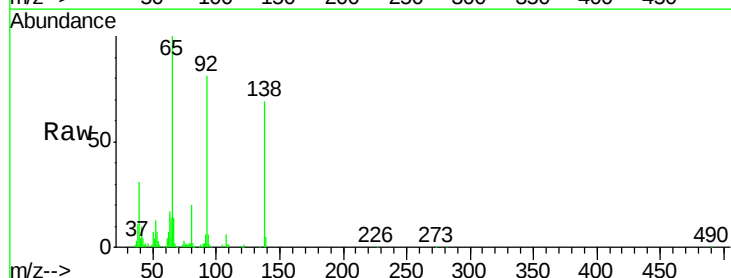
Manual Integrations
APPROVED

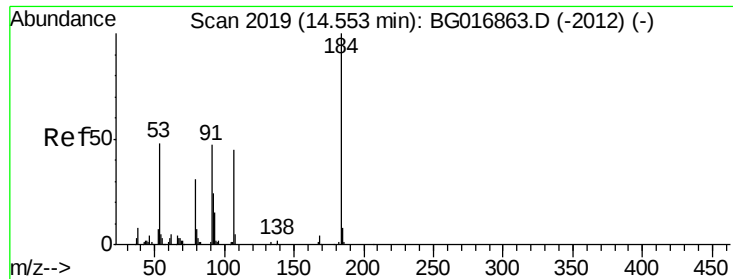
apatel
5/19/2015 9:23:26 AM



#52
3-Nitroaniline
Concen: 30.47 ng
RT: 14.34 min Scan# 1983
Delta R.T. -0.01 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	80652		
108	8.5	9.5	14.3#	
92	115.9	89.6	134.4	





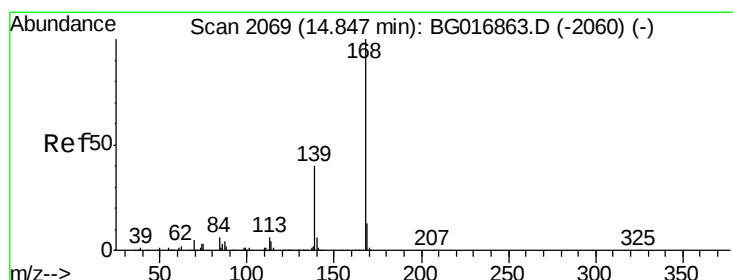
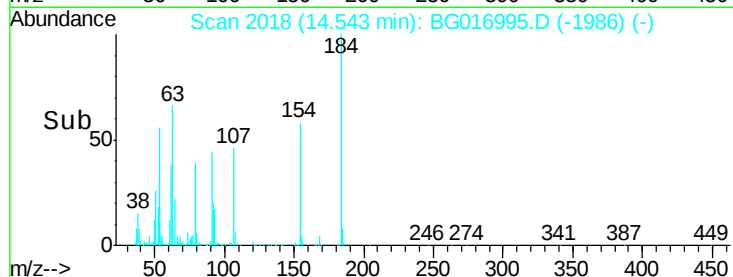
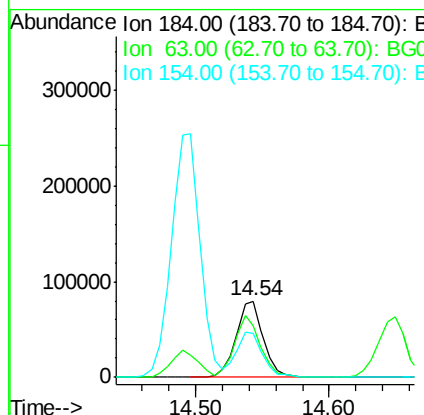
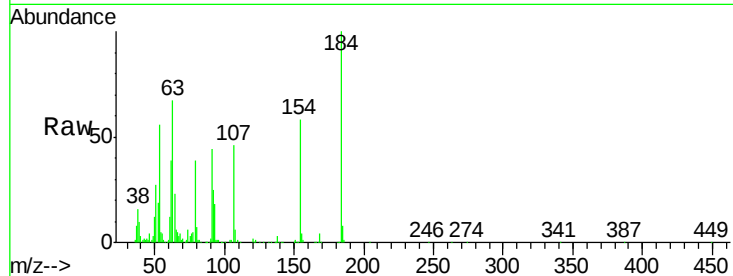
#53
2,4-Dinitrophenol
Concen: 106.49 ng
RT: 14.54 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Instrument :
BNA_G
ClientSampleId :
PB83287BSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	113329		
63	67.5	53.4	80.0	
154	57.8	41.0	61.6	

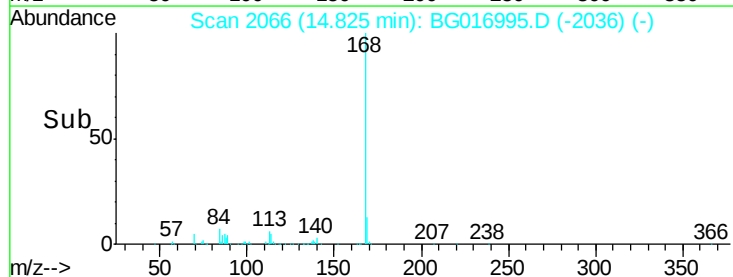
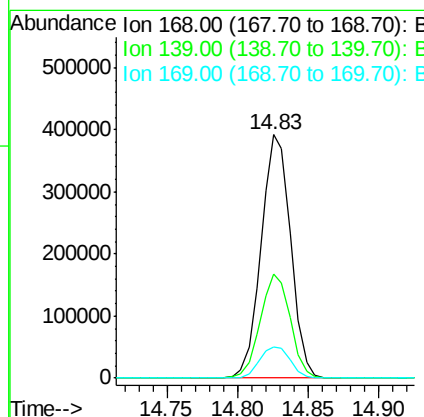
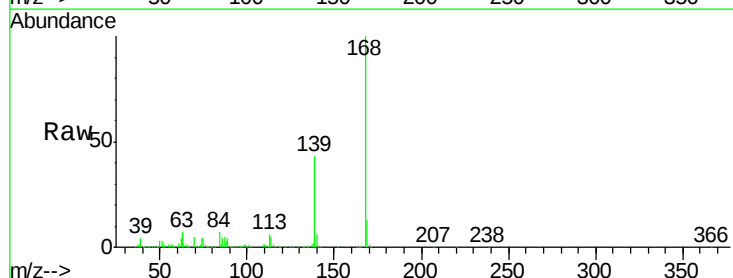
Manual Integrations
APPROVED

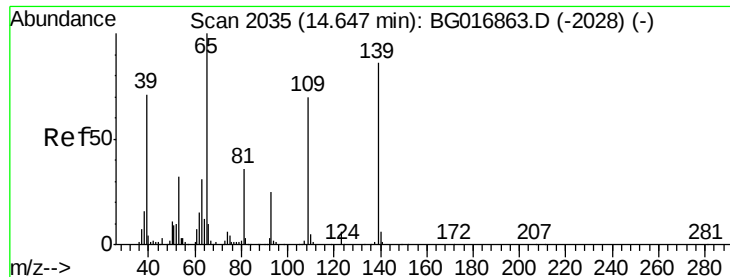
apatel
5/19/2015 9:23:26 AM



#54
Dibenzofuran
Concen: 46.04 ng
RT: 14.83 min Scan# 2066
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	576582		
139	42.8	32.5	48.7	
169	12.7	10.4	15.6	





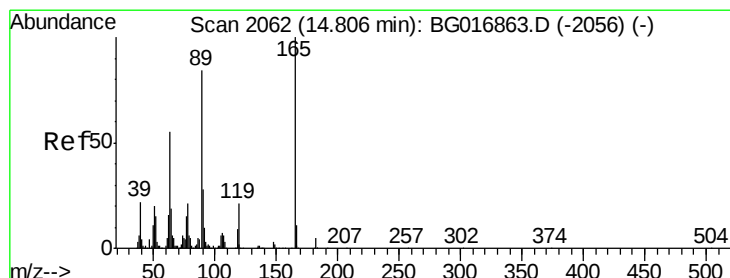
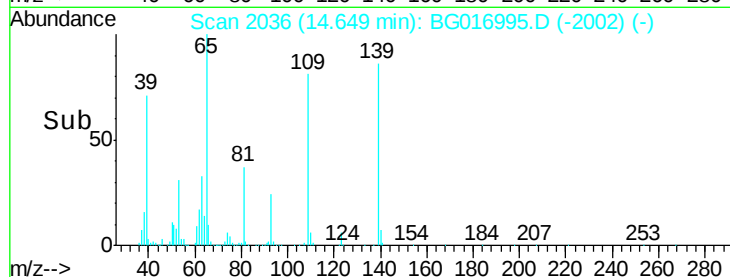
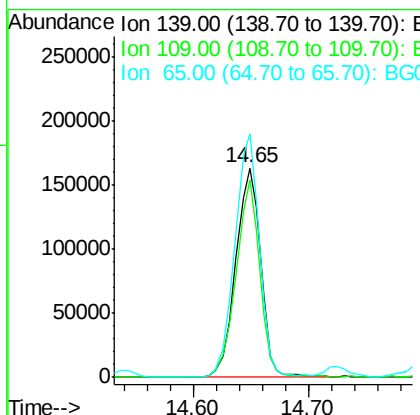
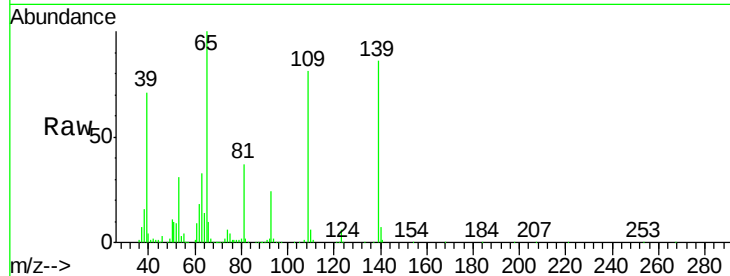
#55
4-Nitrophenol
Concen: 108.96 ng
RT: 14.65 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Instrument :
BNA_G
ClientSampleId :
PB83287BSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	244547		
109	94.7	61.8	101.8	
65	116.4	96.8	136.8	

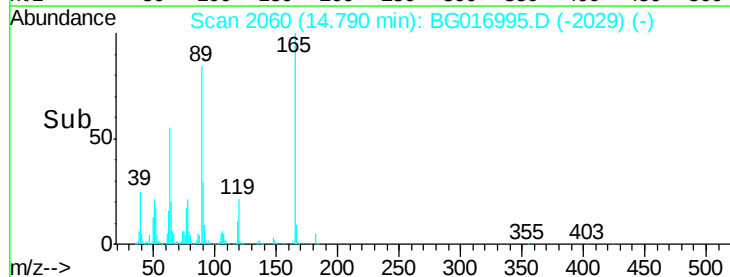
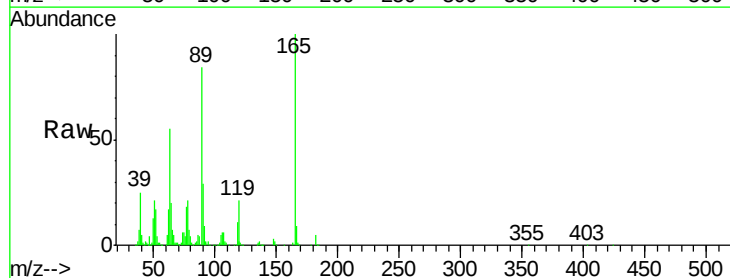
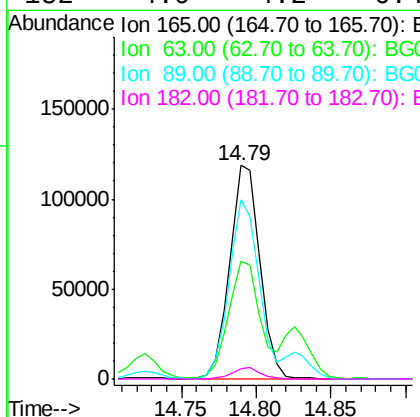
Manual Integrations
APPROVED

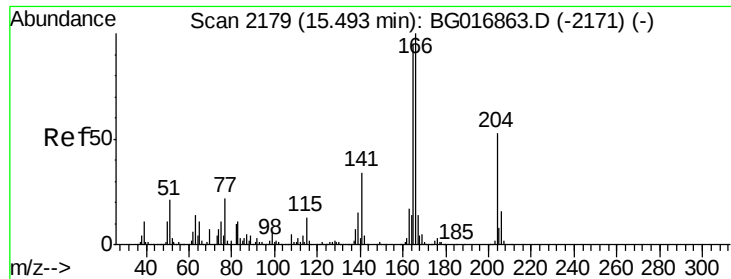
apatel
5/19/2015 9:23:26 AM



#56
2,4-Dinitrotoluene
Concen: 56.59 ng
RT: 14.79 min Scan# 2060
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	168438		
63	55.3	44.2	66.4	
89	83.8	67.2	100.8	
182	4.9	4.2	6.4	





#57

Fluorene

Concen: 44.78 ng

RT: 15.48 min Scan# 2177

Delta R.T. -0.02 min

Lab File: BG016995.D

Acq: 9 May 2015 18:38

Instrument :

BNA_G

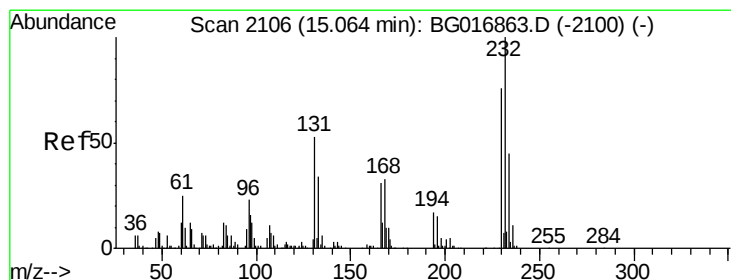
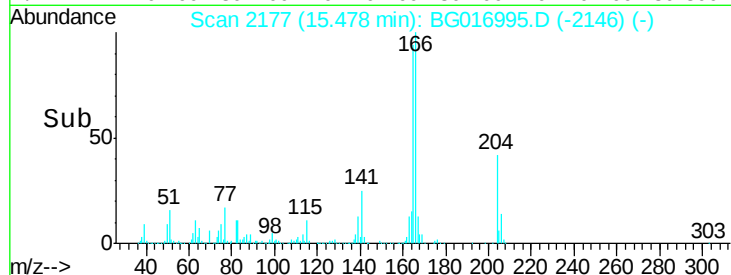
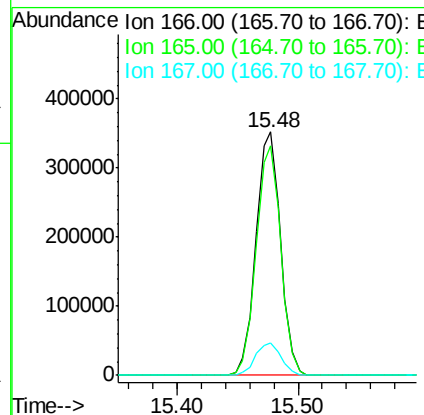
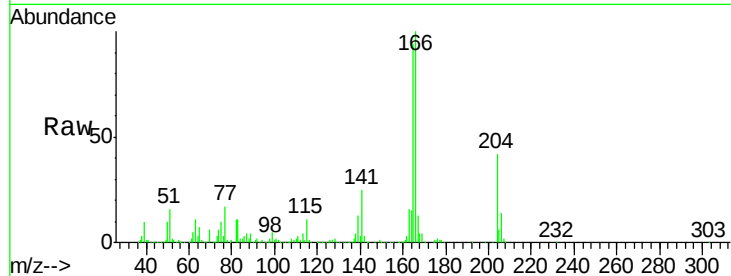
ClientSampleId :

PB83287BSD

Tgt Ion:	166	Resp:	496544
Ion Ratio	Lower	Upper	
166	100		
165	94.4	76.1	114.1
167	13.1	11.4	17.2

Manual Integrations
APPROVED

apatel
5/19/2015 9:23:26 AM



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.22 ng

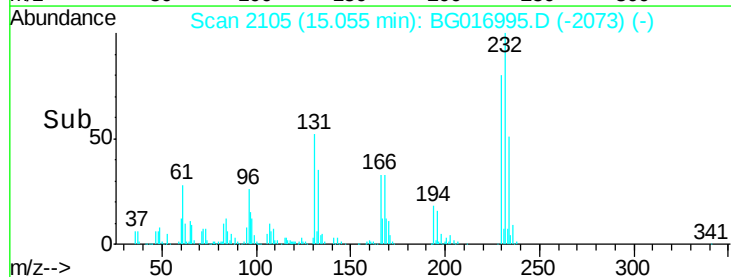
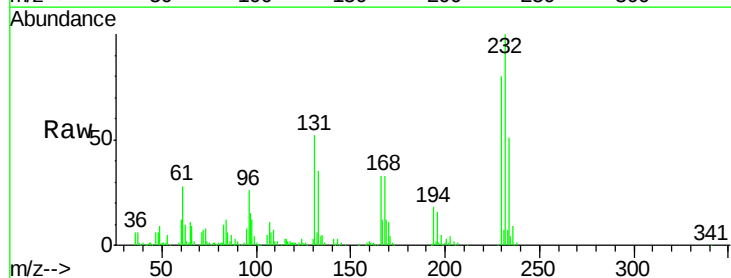
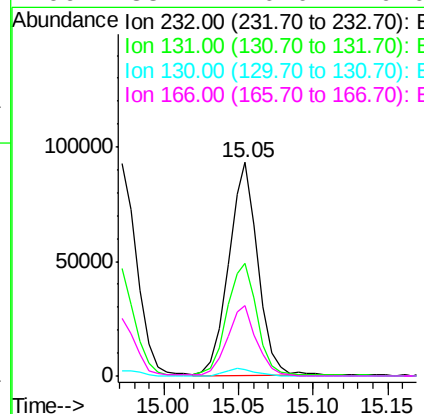
RT: 15.05 min Scan# 2105

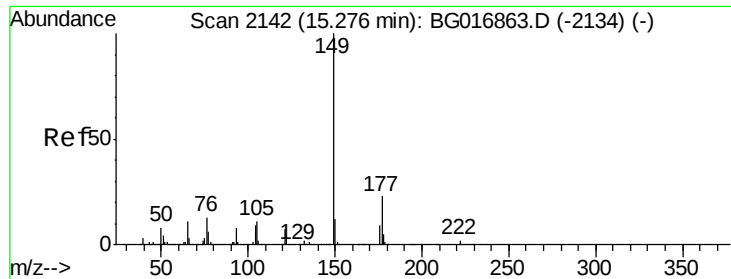
Delta R.T. -0.01 min

Lab File: BG016995.D

Acq: 9 May 2015 18:38

Tgt Ion:	232	Resp:	126973
Ion Ratio	Lower	Upper	
232	100		
131	55.1	0.1	0.1#
130	3.5	0.0	0.0#
166	33.1	0.0	0.0#





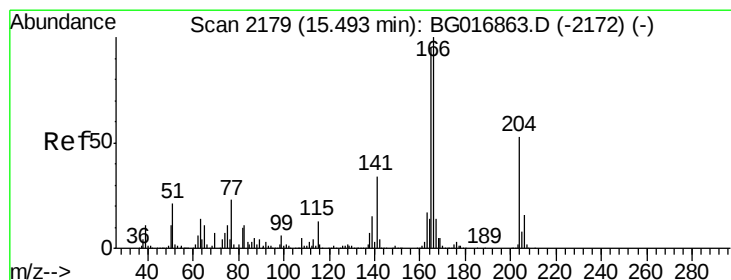
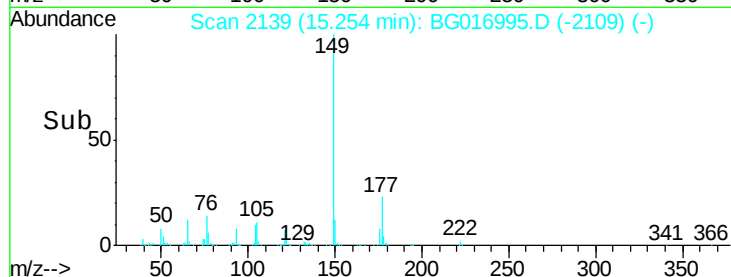
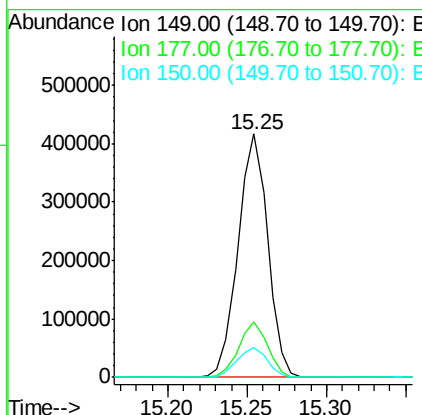
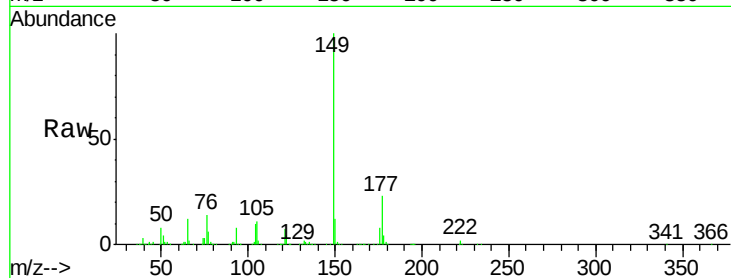
#59
Diethylphthalate
Concen: 45.55 ng
RT: 15.25 min Scan# 2139
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Instrument :
BNA_G
ClientSampleId :
PB83287BSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	538808		
177	22.8	18.6	27.8	
150	12.0	9.8	14.8	

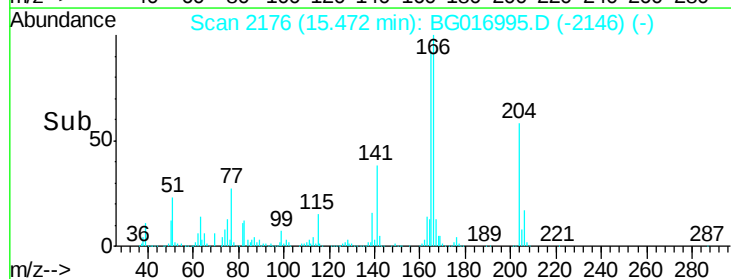
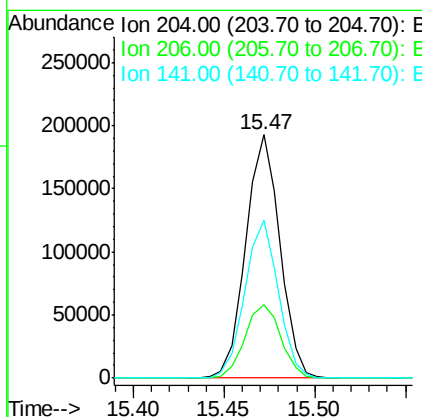
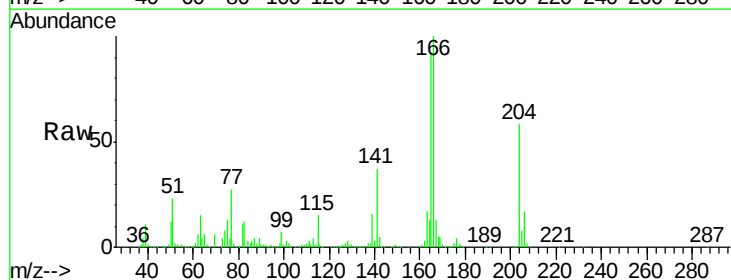
Manual Integrations
APPROVED

apatel
5/19/2015 9:23:26 AM



#60
4-Chlorophenyl-phenylether
Concen: 45.20 ng
RT: 15.47 min Scan# 2176
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	251843		
206	30.0	24.8	37.2	
141	64.7	52.4	78.6	





#61

4-Nitroaniline

Concen: 50.27 ng

RT: 15.50 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BG016995.D

Acq: 9 May 2015 18:38

Instrument :

BNA_G

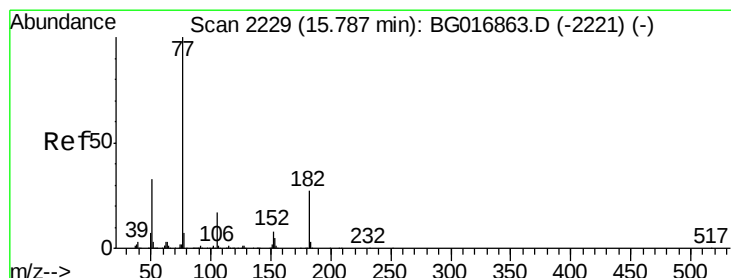
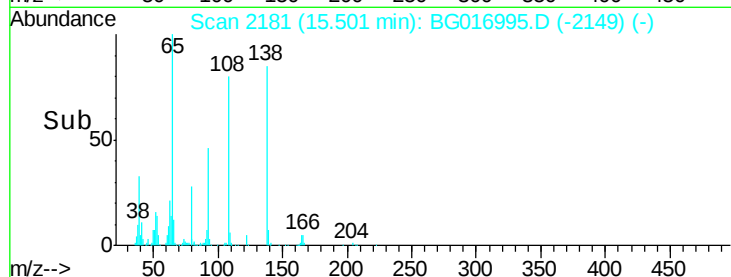
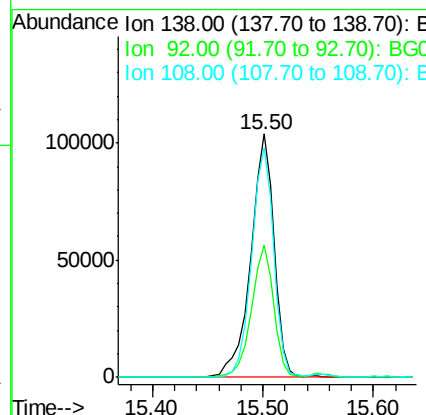
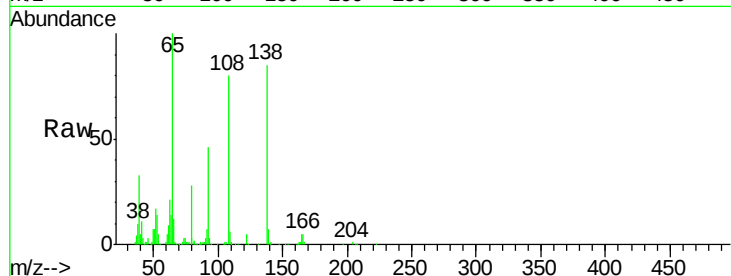
ClientSampleId :

PB83287BSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.2	31.8	71.8
108	94.5	70.6	110.6

Manual Integrations
APPROVED

apatel
5/19/2015 9:23:26 AM



#62

Azobenzene

Concen: 47.98 ng

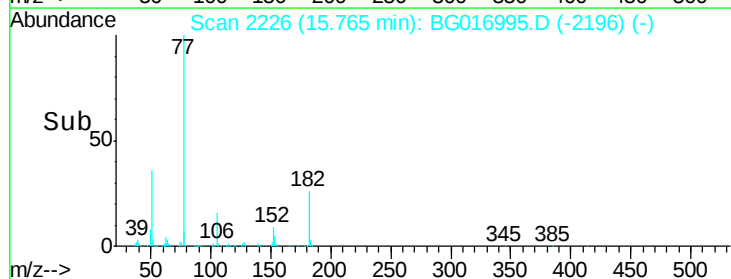
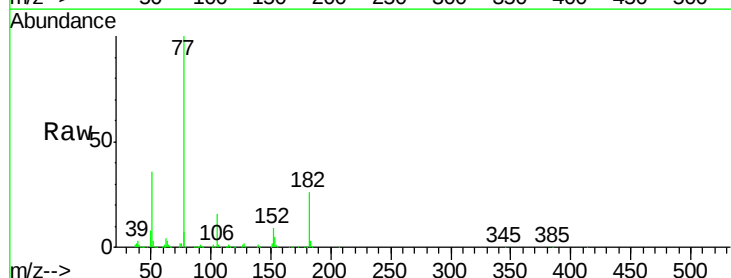
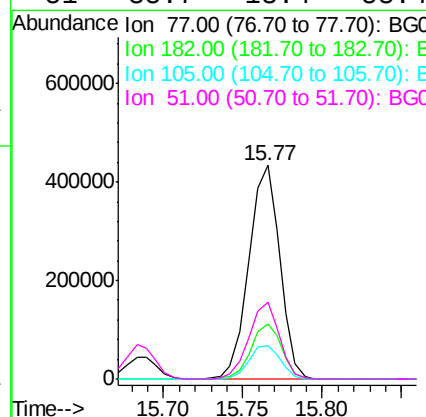
RT: 15.77 min Scan# 2226

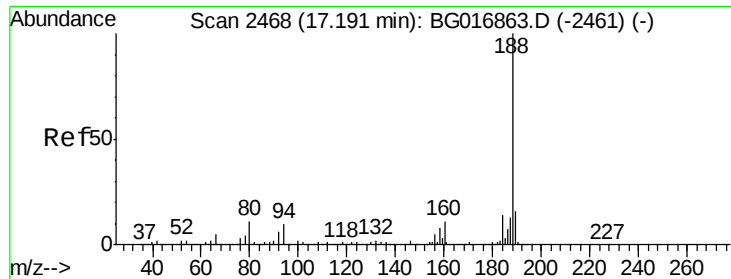
Delta R.T. -0.02 min

Lab File: BG016995.D

Acq: 9 May 2015 18:38

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.0	7.4	47.4
105	15.7	0.0	36.6
51	35.7	13.4	53.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.17 min Scan# 2465

Delta R.T. -0.02 min

Lab File: BG016995.D

Acq: 9 May 2015 18:38

Instrument :

BNA_G

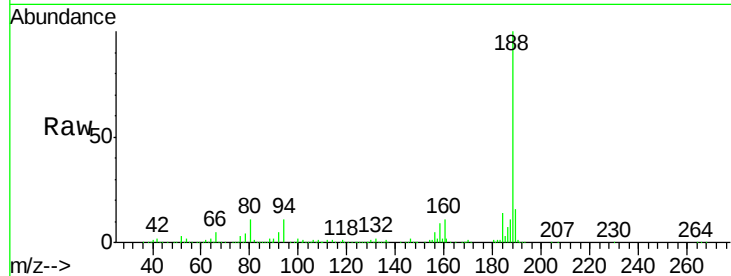
ClientSampleId :

PB83287BSD

Tgt	Ion:188	Resp:	354697
Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.2	12.4
80	10.7	8.8	13.2

Manual Integrations
APPROVED

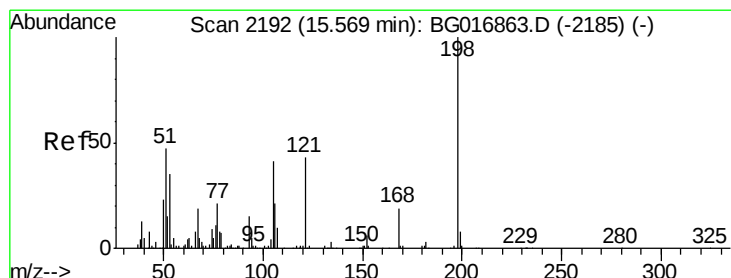
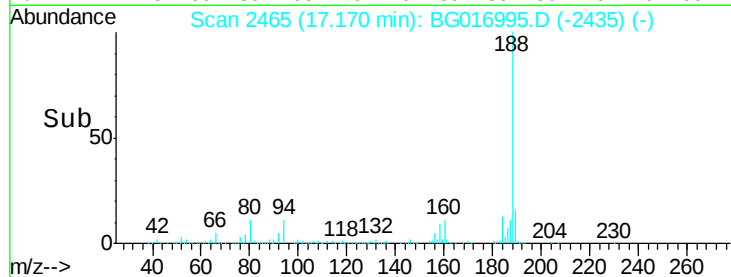
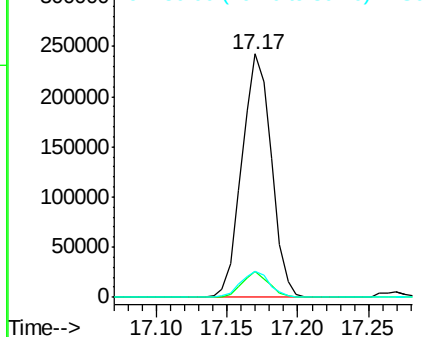
apatel
5/19/2015 9:23:26 AM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 51.61 ng

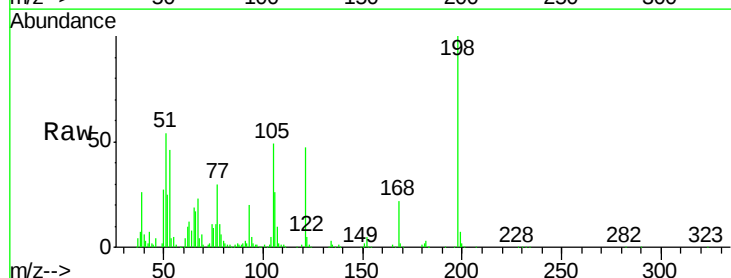
RT: 15.55 min Scan# 2190

Delta R.T. -0.02 min

Lab File: BG016995.D

Acq: 9 May 2015 18:38

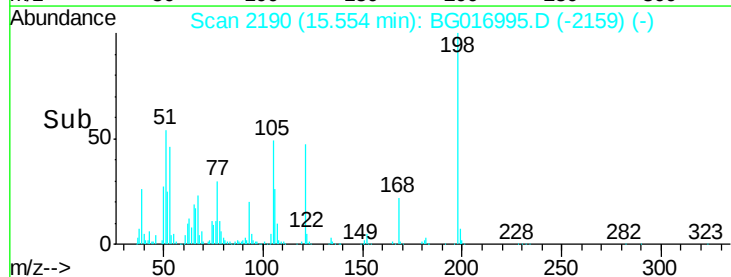
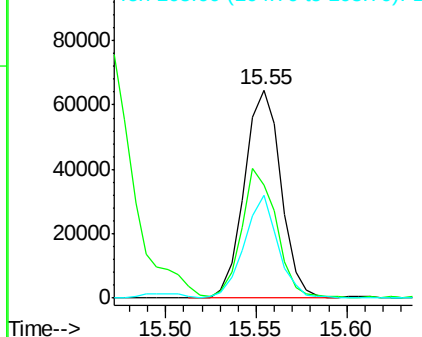
Tgt	Ion:198	Resp:	90767
Ion	Ratio	Lower	Upper
198	100		
51	54.2	31.2	71.2
105	49.3	22.0	62.0

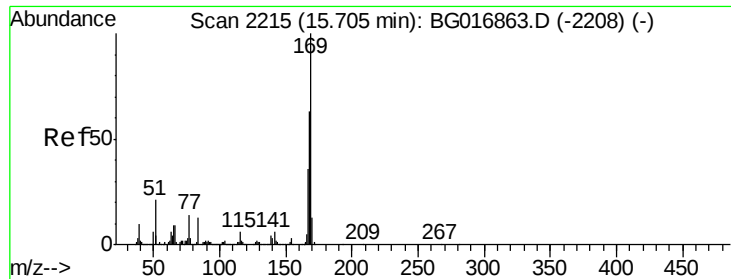


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.23 ng

RT: 15.69 min Scan# 2213

Delta R.T. -0.02 min

Lab File: BG016995.D

Acq: 9 May 2015 18:38

Instrument :

BNA_G

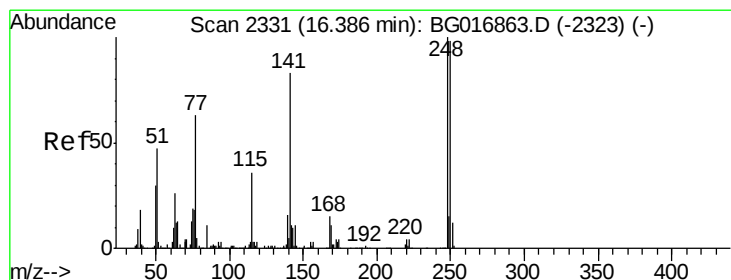
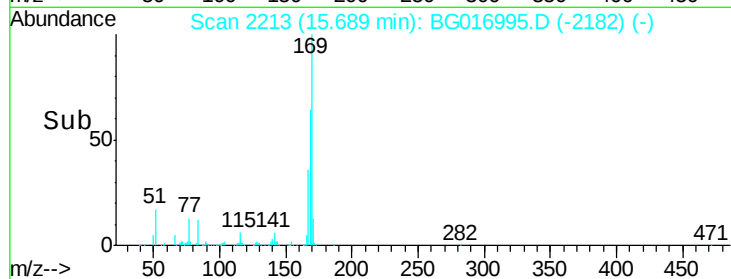
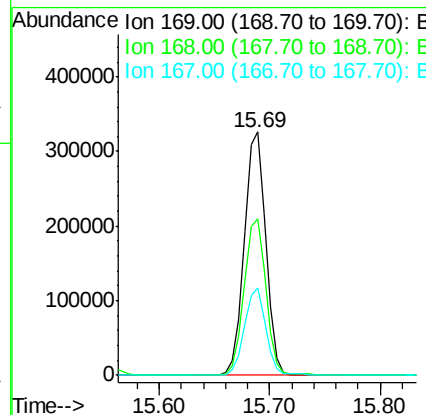
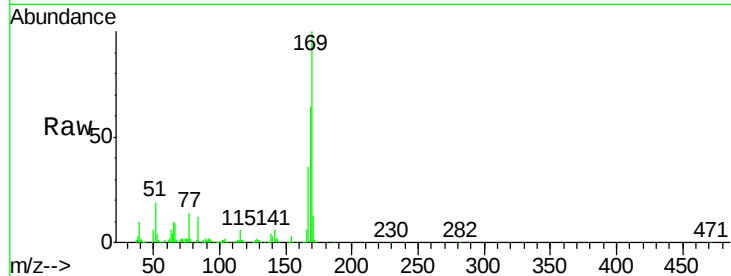
ClientSampleId :

PB83287BSD

Tgt Ion:	169	Resp:	446369
Ion Ratio	Lower	Upper	
169	100		
168	64.4	50.6	76.0
167	35.8	29.0	43.4

Manual Integrations
APPROVED

apatel
5/19/2015 9:23:26 AM



#66

4-Bromophenyl-phenylether

Concen: 42.87 ng

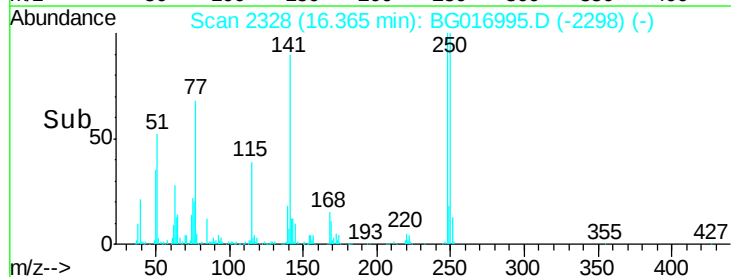
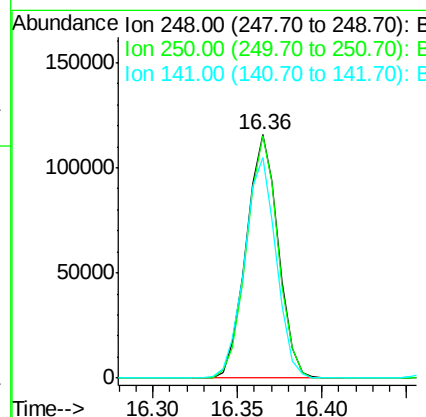
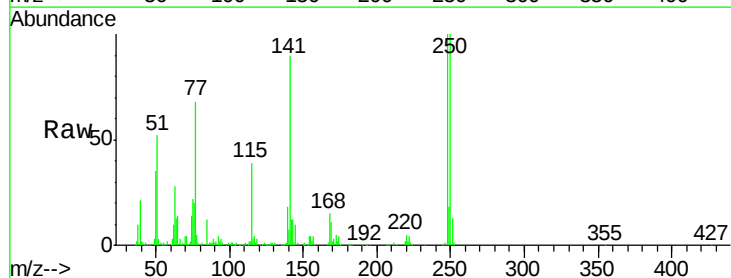
RT: 16.36 min Scan# 2328

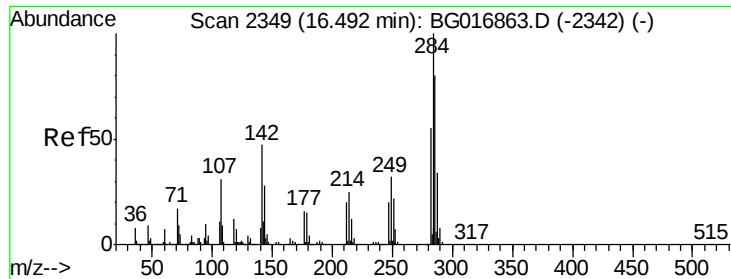
Delta R.T. -0.02 min

Lab File: BG016995.D

Acq: 9 May 2015 18:38

Tgt Ion:	248	Resp:	152611
Ion Ratio	Lower	Upper	
248	100		
250	99.6	78.6	117.8
141	90.4	66.3	99.5





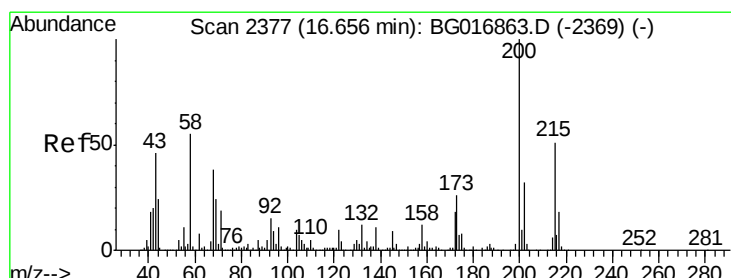
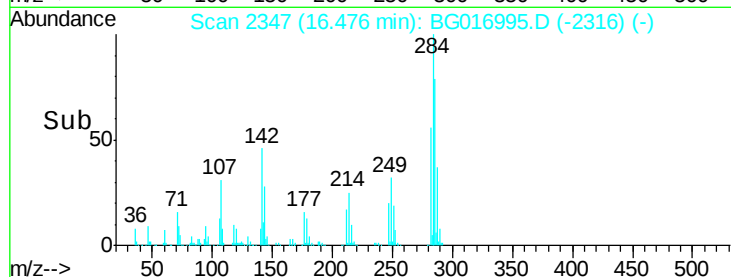
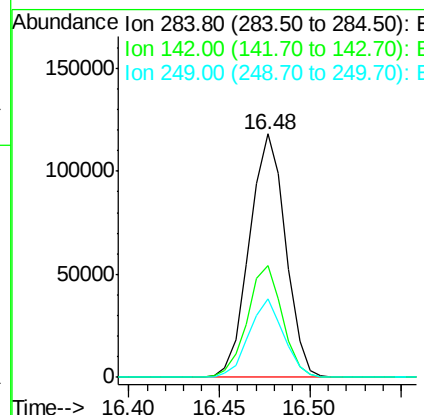
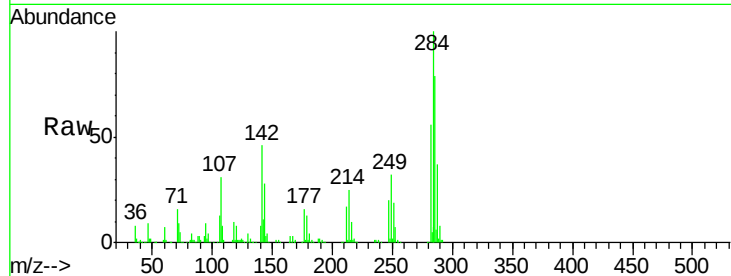
#67
Hexachlorobenzene
Concen: 43.50 ng
RT: 16.48 min Scan# 2347
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Instrument :
BNA_G
ClientSampleId :
PB83287BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	46.2	37.4	56.0
249	32.3	25.5	38.3

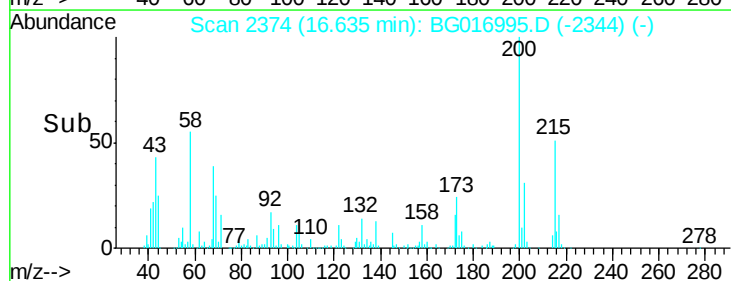
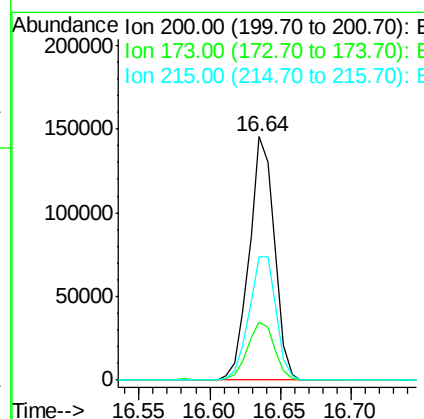
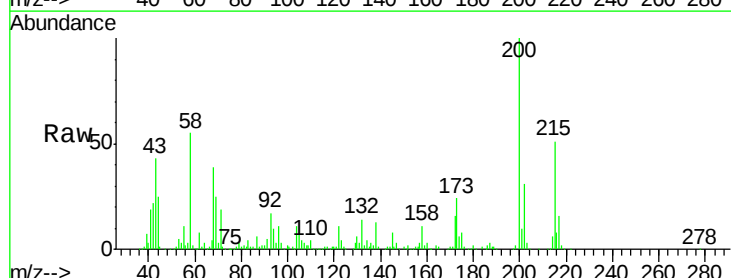
Manual Integrations
APPROVED

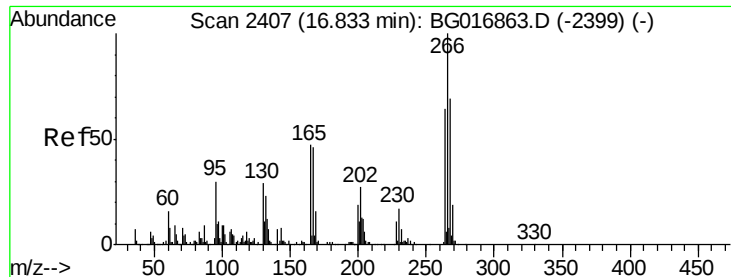
apatel
5/19/2015 9:23:26 AM



#68
Atrazine
Concen: 46.59 ng
RT: 16.64 min Scan# 2374
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.0	6.1	46.1
215	50.9	30.8	70.8





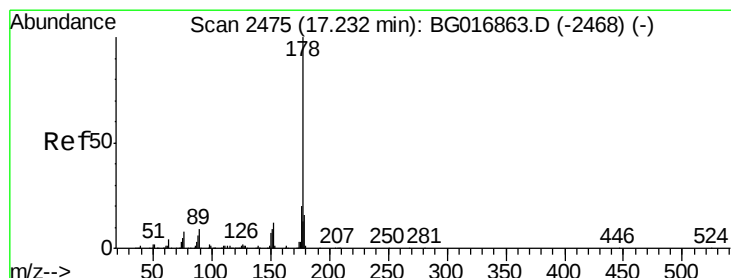
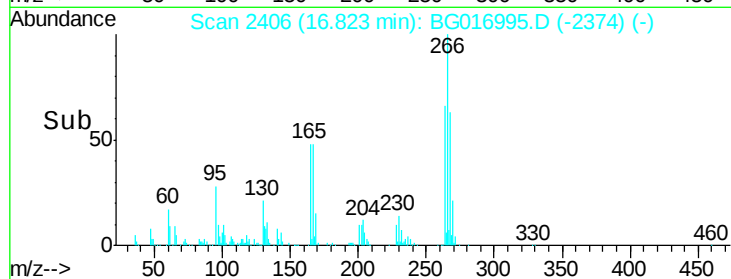
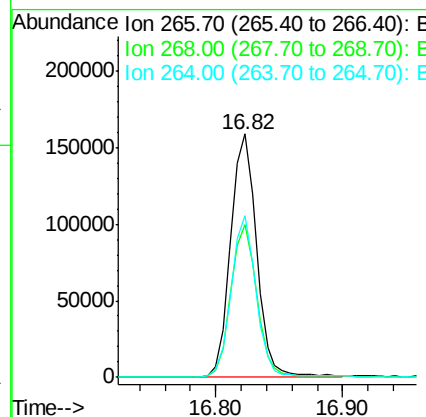
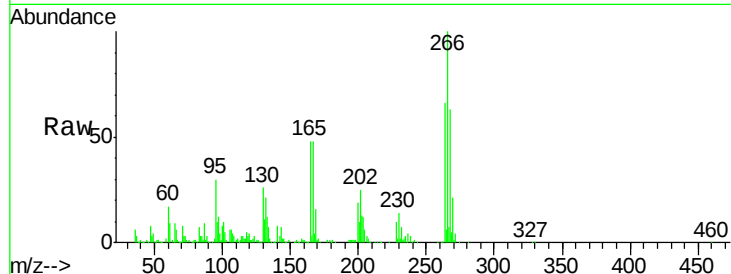
#69
 Pentachlorophenol
 Concen: 92.75 ng
 RT: 16.82 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BG016995.D
 Acq: 9 May 2015 18:38

Instrument :
 BNA_G
 ClientSampleId :
 PB83287BSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	226065		
268	62.6	55.2	82.8	
264	66.5	51.4	77.0	

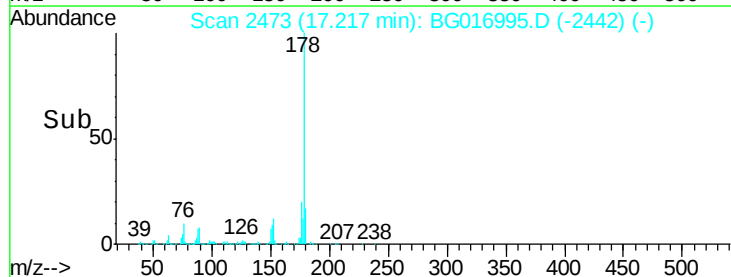
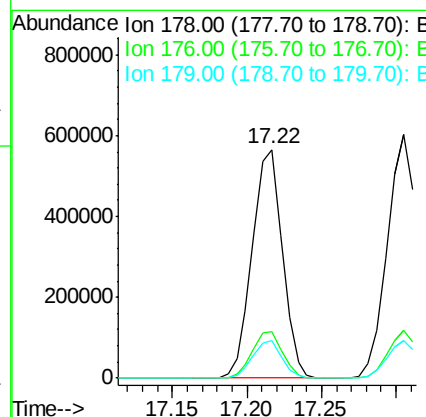
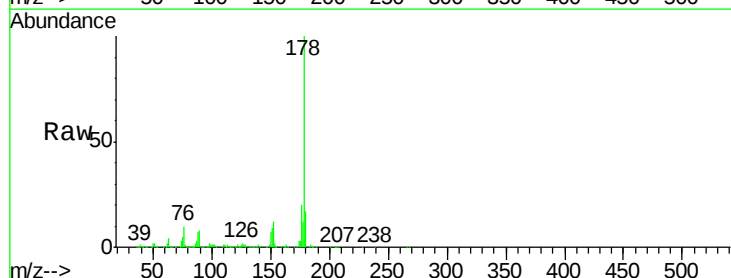
Manual Integrations
 APPROVED

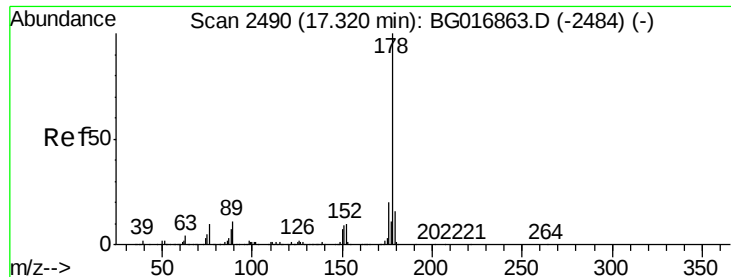
apatel
 5/19/2015 9:23:26 AM



#70
 Phenanthrene
 Concen: 43.38 ng
 RT: 17.22 min Scan# 2473
 Delta R.T. -0.02 min
 Lab File: BG016995.D
 Acq: 9 May 2015 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	791780		
176	20.3	16.0	24.0	
179	16.6	13.0	19.6	





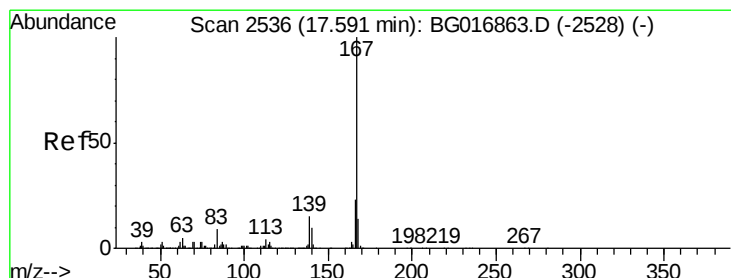
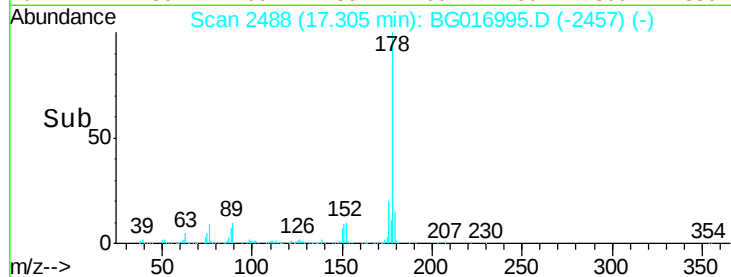
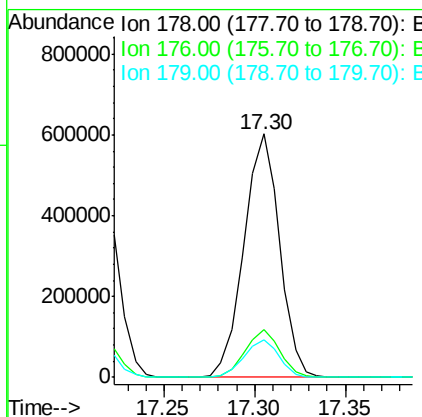
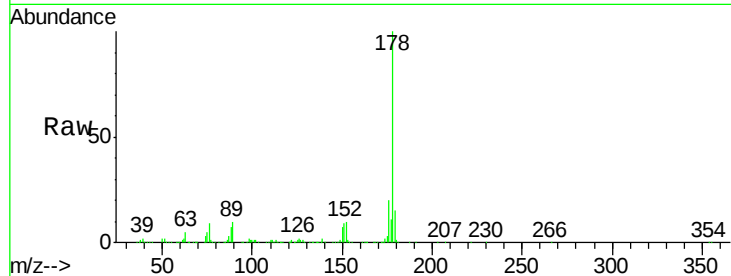
#71
 Anthracene
 Concen: 44.48 ng
 RT: 17.30 min Scan# 2488
 Delta R.T. -0.02 min
 Lab File: BG016995.D
 Acq: 9 May 2015 18:38

Instrument :
 BNA_G
 ClientSampleId :
 PB83287BSD

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	819071		
176	19.7	16.2	24.4	
179	15.4	13.1	19.7	

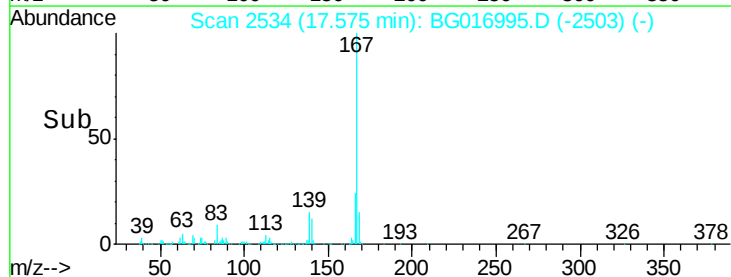
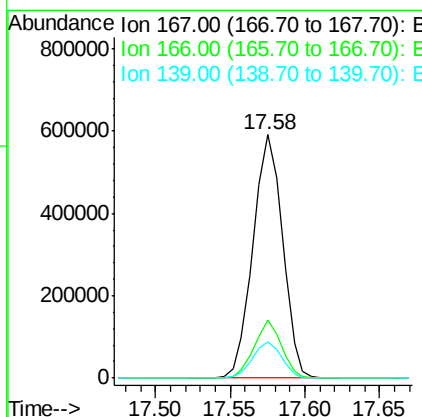
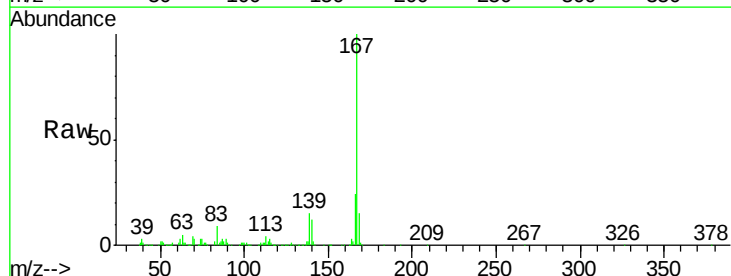
Manual Integrations
 APPROVED

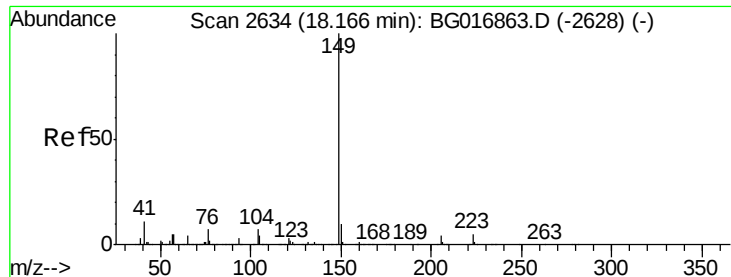
apatel
 5/19/2015 9:23:26 AM



#72
 Carbazole
 Concen: 46.17 ng
 RT: 17.58 min Scan# 2534
 Delta R.T. -0.02 min
 Lab File: BG016995.D
 Acq: 9 May 2015 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	808325		
166	23.7	18.4	27.6	
139	14.8	12.2	18.4	





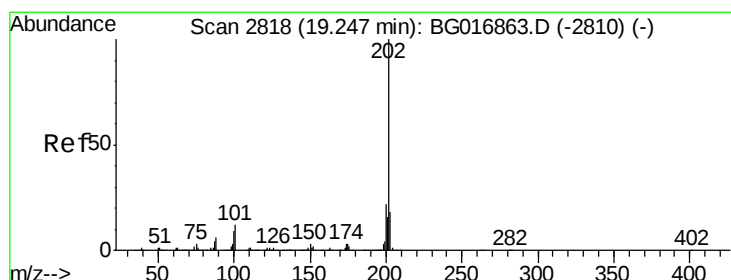
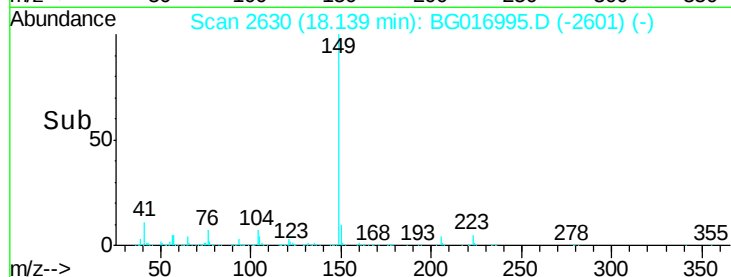
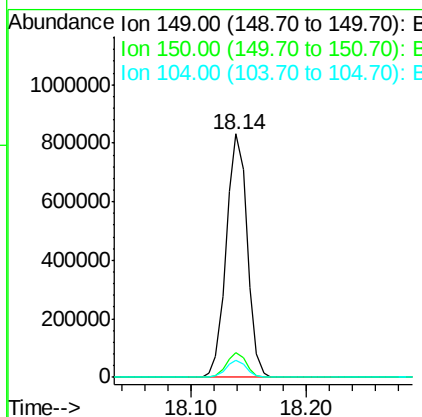
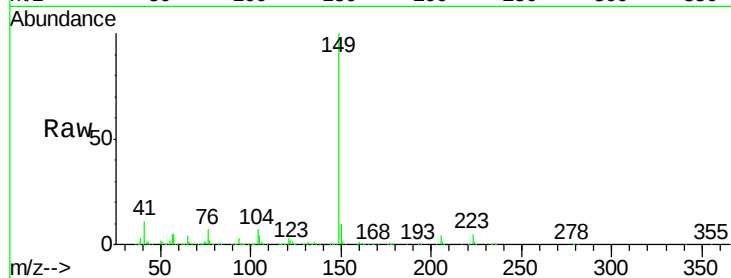
#73
Di-n-butylphthalate
Concen: 45.85 ng
RT: 18.14 min Scan# 2630
Delta R.T. -0.03 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Instrument :
BNA_G
ClientSampleId :
PB83287BSD

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.7	11.5
104	7.0	5.4	8.0

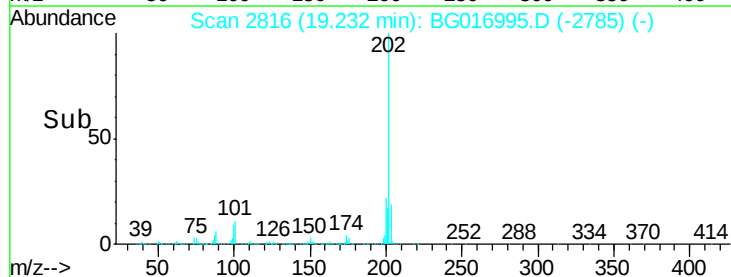
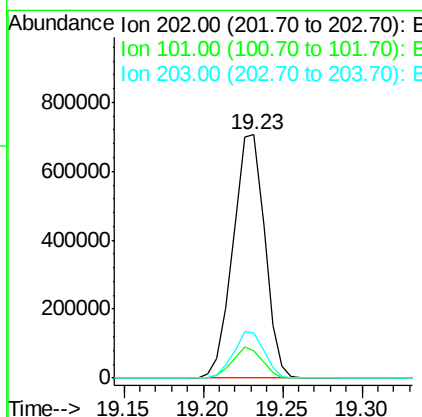
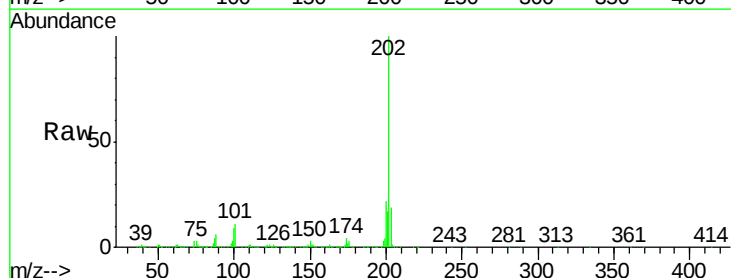
Manual Integrations
APPROVED

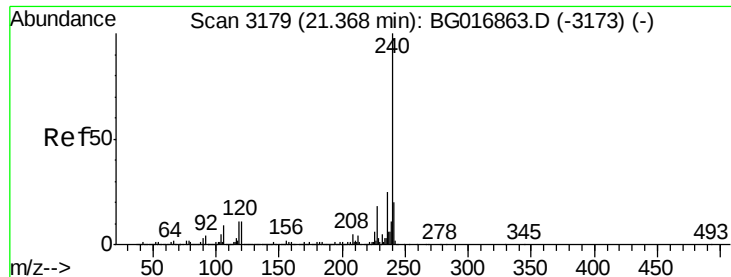
apatel
5/19/2015 9:23:26 AM



#74
Fluoranthene
Concen: 46.34 ng
RT: 19.23 min Scan# 2816
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.5
203	18.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.35 min Scan# 3176

Delta R.T. -0.02 min

Lab File: BG016995.D

Acq: 9 May 2015 18:38

Instrument :

BNA_G

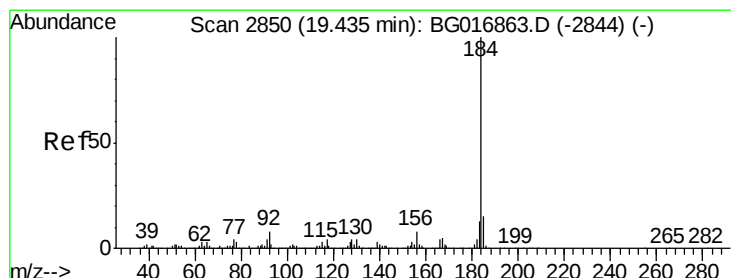
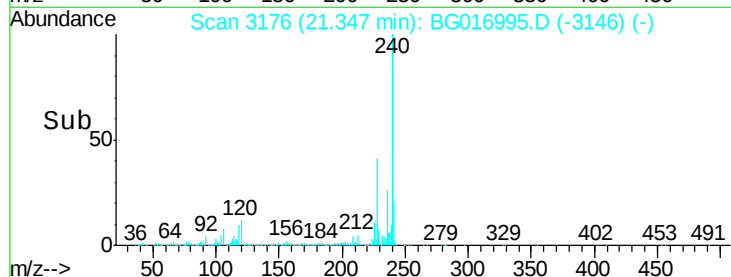
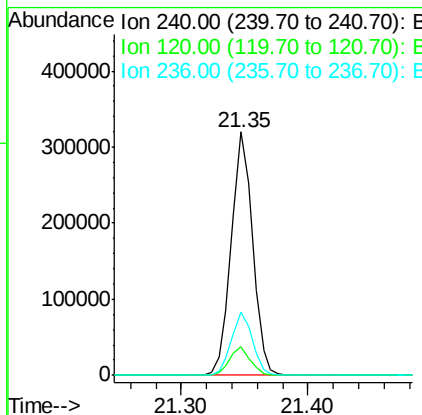
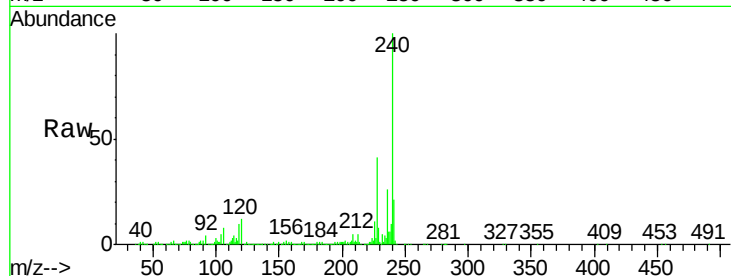
ClientSampleId :

PB83287BSD

Tgt Ion:	240	Resp:	370725
Ion Ratio	Lower	Upper	
240	100		
120	12.0	9.1	13.7
236	26.2	20.2	30.4

Manual Integrations
APPROVED

apatel
5/19/2015 9:23:26 AM



#76

Benzidine

Concen: 23.82 ng

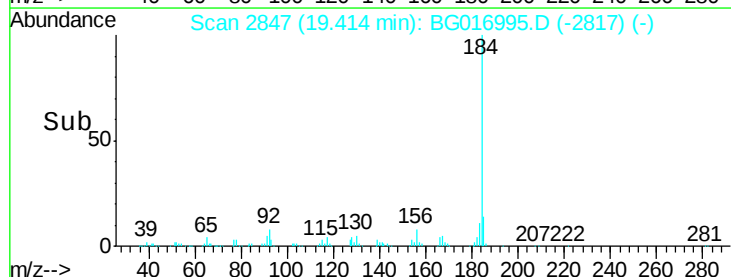
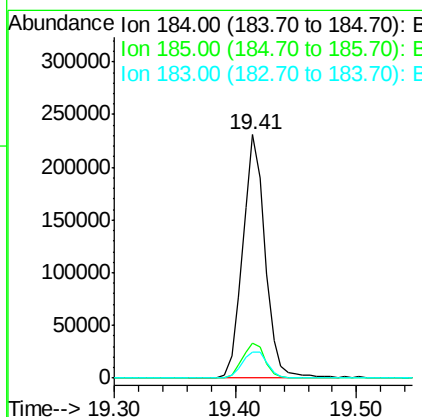
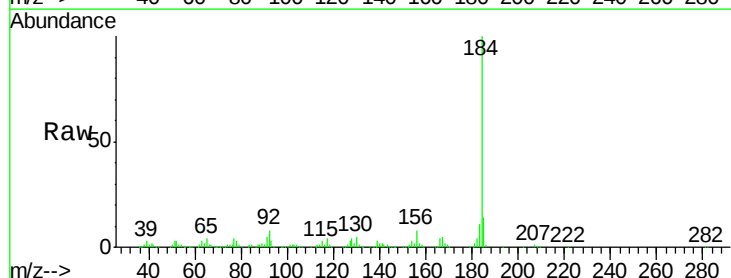
RT: 19.41 min Scan# 2847

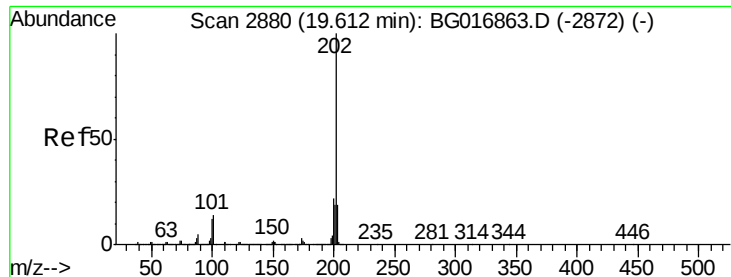
Delta R.T. -0.02 min

Lab File: BG016995.D

Acq: 9 May 2015 18:38

Tgt Ion:	184	Resp:	299996
Ion Ratio	Lower	Upper	
184	100		
185	14.2	11.8	17.6
183	10.9	10.6	15.8





#77

Pyrene

Concen: 46.34 ng

RT: 19.59 min Scan# 2877

Delta R.T. -0.02 min

Lab File: BG016995.D

Acq: 9 May 2015 18:38

Instrument :

BNA_G

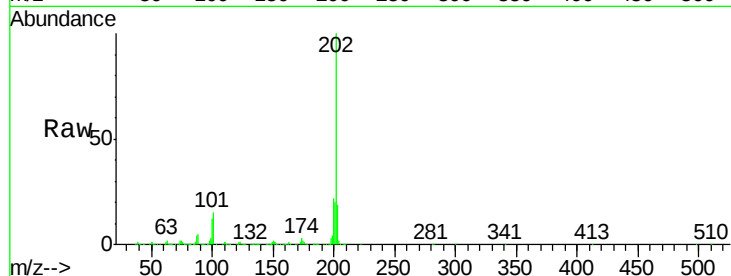
ClientSampleId :

PB83287BSD

Tgt Ion:	202	Resp:	1014011
Ion Ratio		Lower	Upper
202	100		
200	22.4	17.9	26.9
203	19.1	15.2	22.8

Manual Integrations
APPROVED

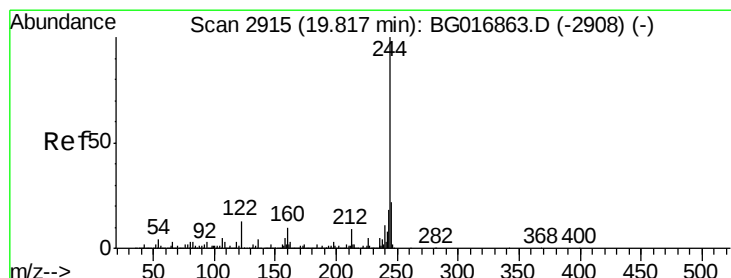
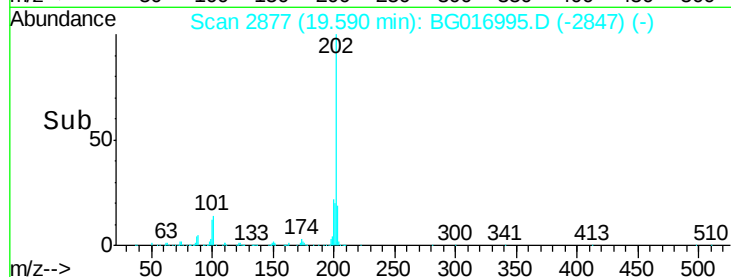
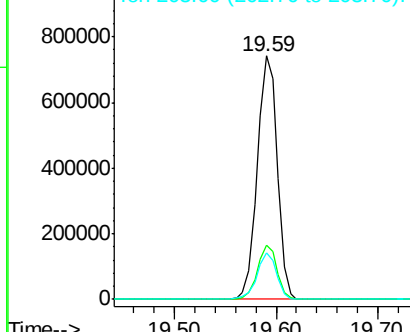
apatel
5/19/2015 9:23:26 AM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 115.89 ng

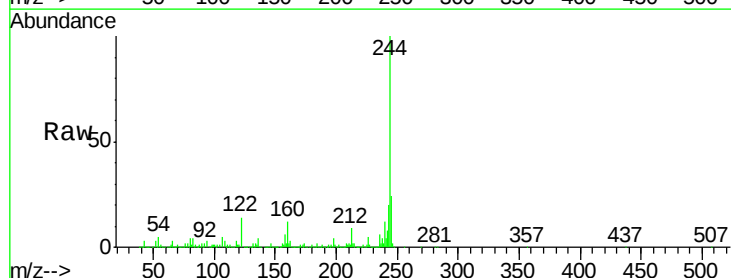
RT: 19.80 min Scan# 2912

Delta R.T. -0.02 min

Lab File: BG016995.D

Acq: 9 May 2015 18:38

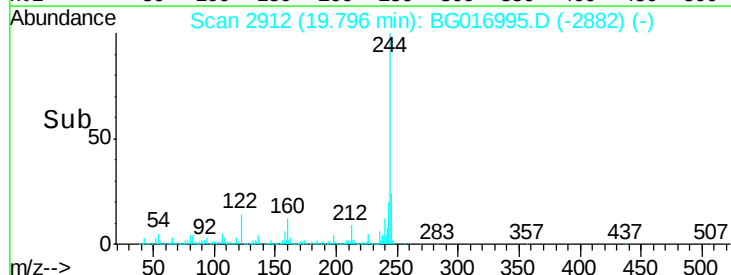
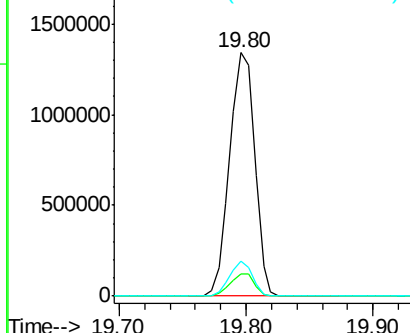
Tgt Ion:	244	Resp:	1832766
Ion Ratio		Lower	Upper
244	100		
212	9.2	7.0	10.6
122	14.5	10.4	15.6

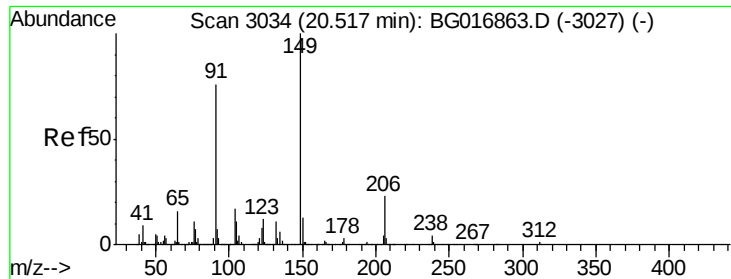


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 46.34 ng

RT: 20.49 min Scan# 3030

Delta R.T. -0.03 min

Lab File: BG016995.D

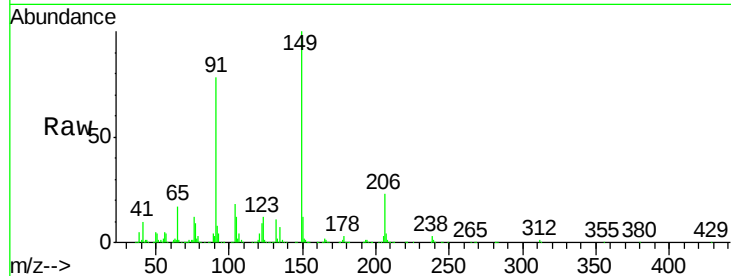
Acq: 9 May 2015 18:38

Instrument :

BNA_G

ClientSampleId :

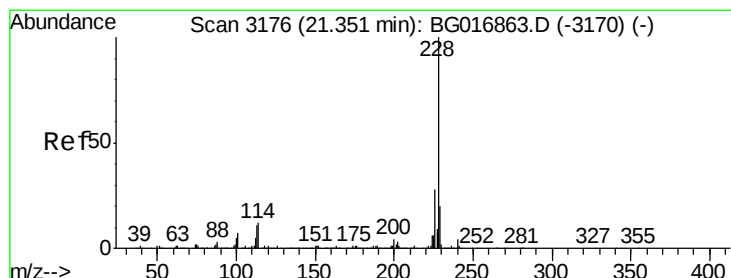
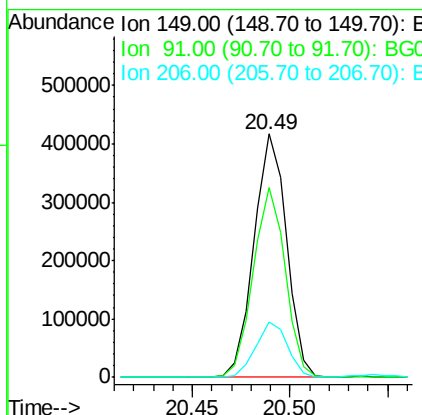
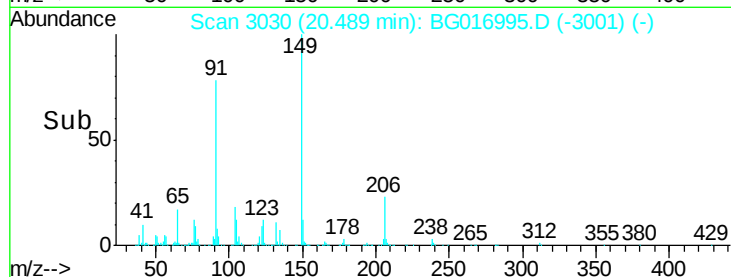
PB83287BSD



Tgt Ion:	149	Resp:	481923
Ion Ratio	Lower	Upper	
149	100		
91	78.2	60.6	91.0
206	22.8	18.4	27.6

Manual Integrations
APPROVED

apatel
5/19/2015 9:23:26 AM



#80

Benzo(a)anthracene

Concen: 46.03 ng

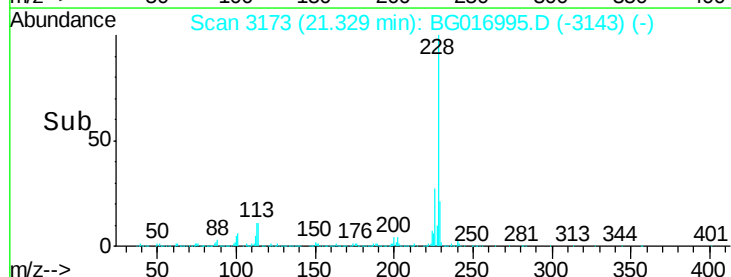
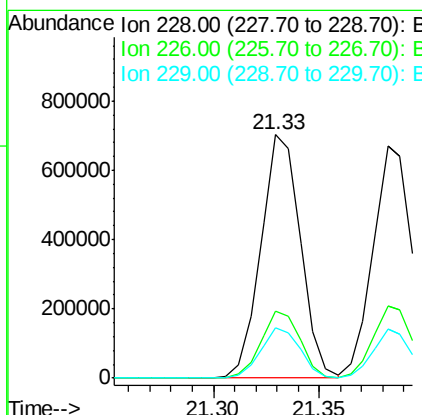
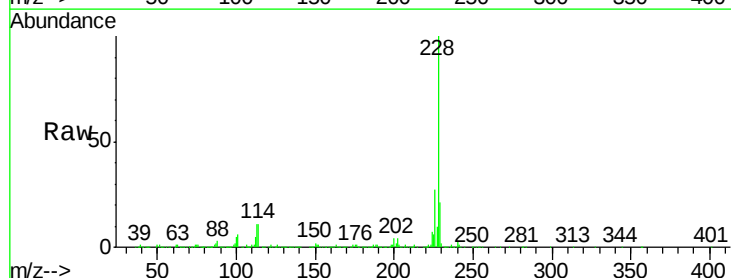
RT: 21.33 min Scan# 3173

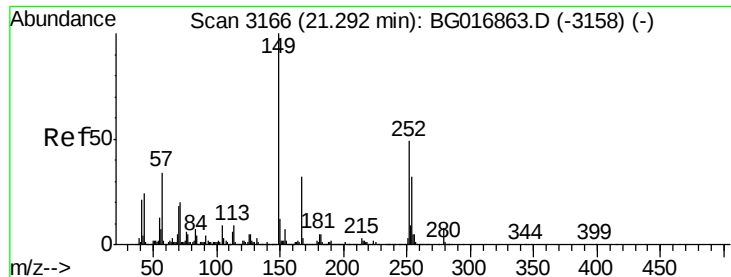
Delta R.T. -0.02 min

Lab File: BG016995.D

Acq: 9 May 2015 18:38

Tgt Ion:	228	Resp:	915366
Ion Ratio	Lower	Upper	
228	100		
226	27.4	22.7	34.1
229	20.6	16.1	24.1





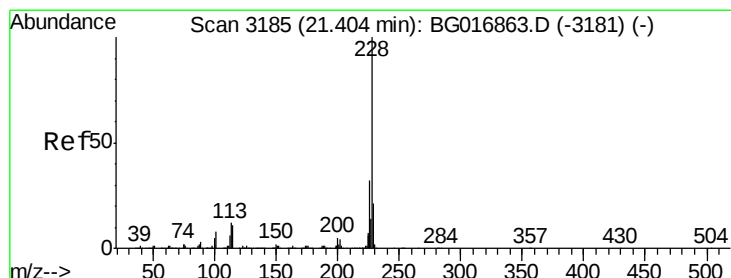
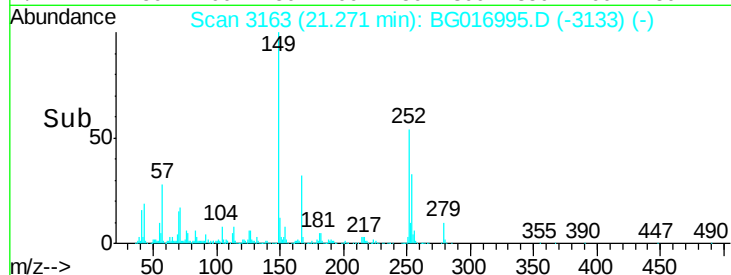
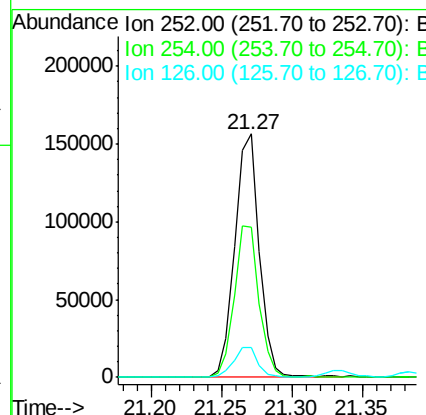
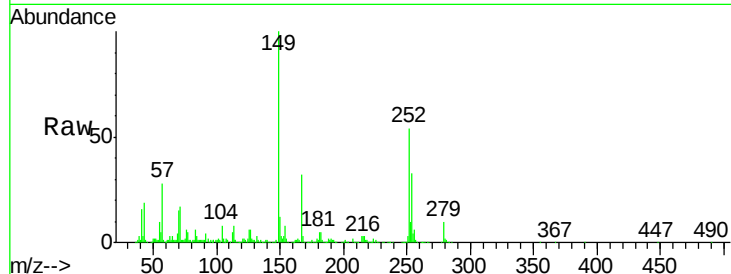
#81
 3,3'-Dichlorobenzidine
 Concen: 24.46 ng
 RT: 21.27 min Scan# 3163
 Delta R.T. -0.02 min
 Lab File: BG016995.D
 Acq: 9 May 2015 18:38

Instrument :
 BNA_G
 ClientSampleId :
 PB83287BSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	189977		
254	61.6	51.7	77.5	
126	12.0	8.9	13.3	

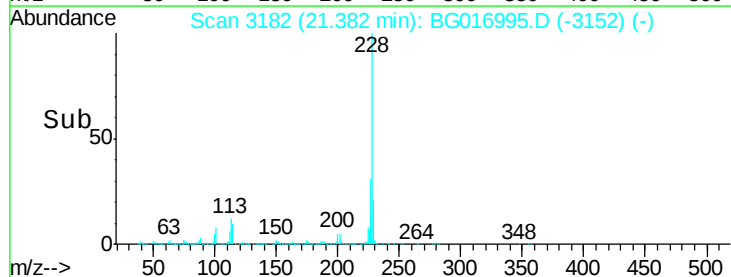
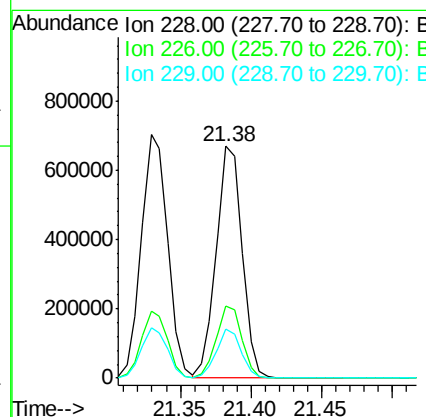
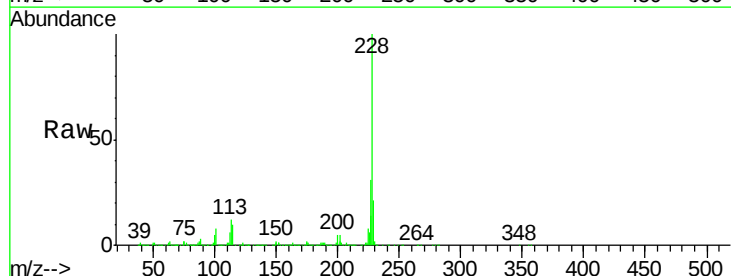
Manual Integrations
 APPROVED

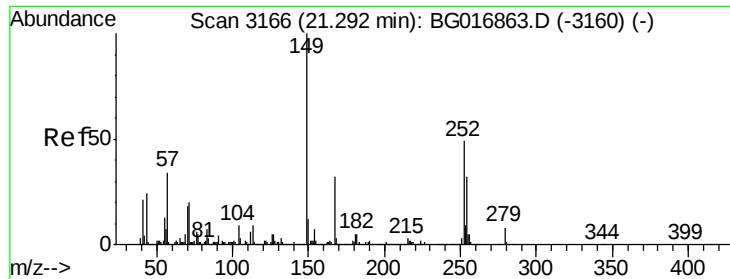
apatel
 5/19/2015 9:23:26 AM



#82
 Chrysene
 Concen: 46.12 ng
 RT: 21.38 min Scan# 3182
 Delta R.T. -0.02 min
 Lab File: BG016995.D
 Acq: 9 May 2015 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	859190		
226	31.1	25.4	38.0	
229	21.4	16.5	24.7	





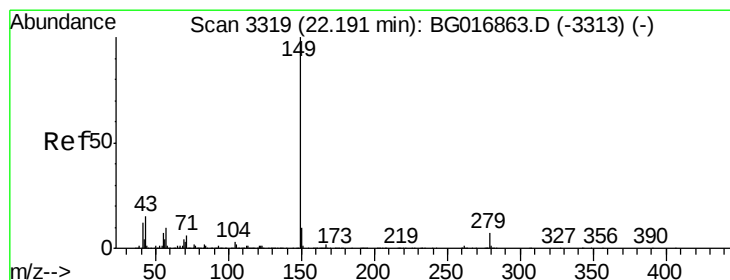
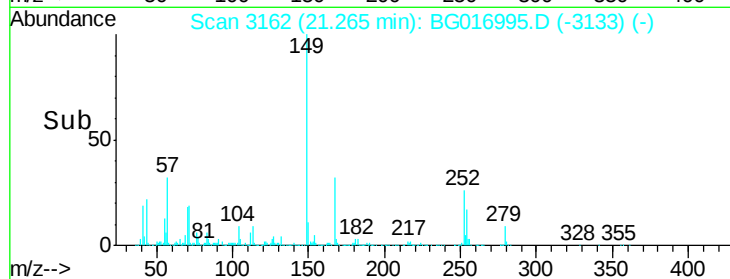
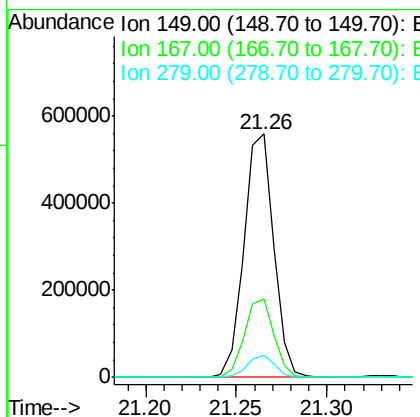
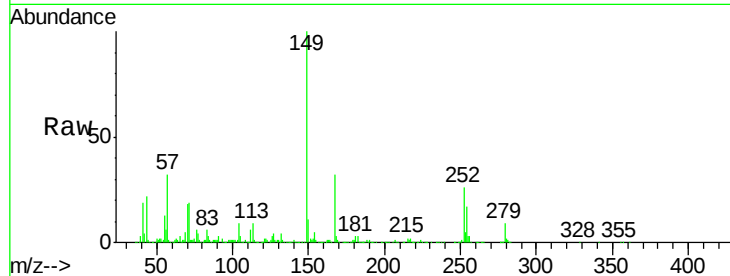
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.79 ng
 RT: 21.26 min Scan# 3162
 Delta R.T. -0.03 min
 Lab File: BG016995.D
 Acq: 9 May 2015 18:38

Instrument :
 BNA_G
 ClientSampleId :
 PB83287BSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	637180		
167	32.1	25.4	38.0	
279	9.2	6.4	9.6	

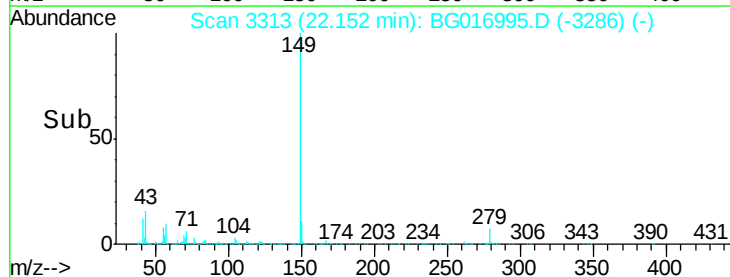
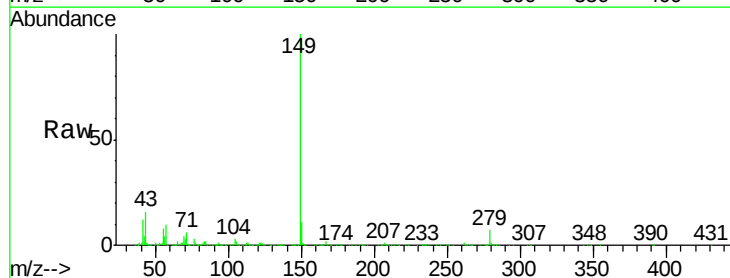
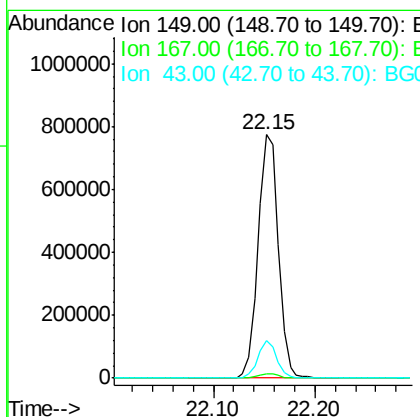
Manual Integrations
 APPROVED

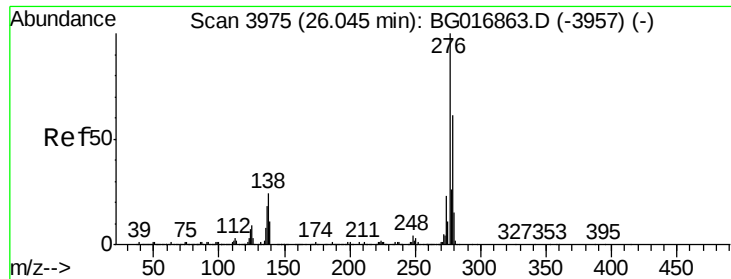
apatel
 5/19/2015 9:23:26 AM



#84
 Di-n-octyl phthalate
 Concen: 44.83 ng
 RT: 22.15 min Scan# 3313
 Delta R.T. -0.04 min
 Lab File: BG016995.D
 Acq: 9 May 2015 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1071310		
167	1.8	0.0	0.0#	
43	14.2	0.0	0.0#	





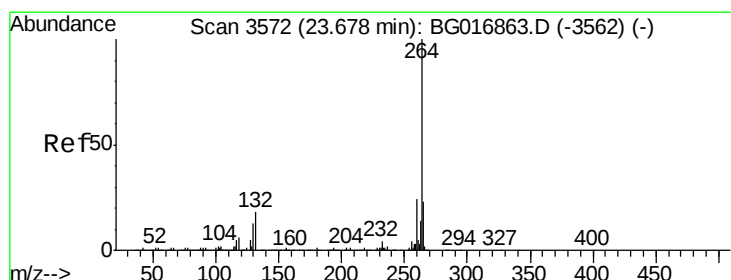
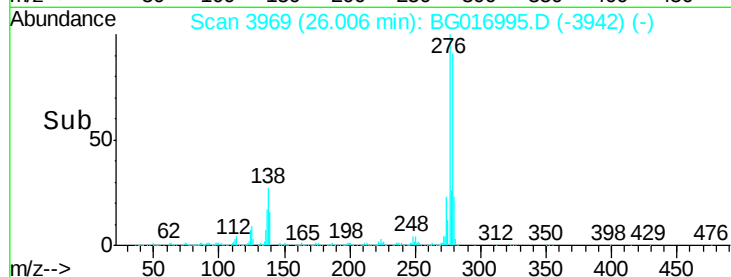
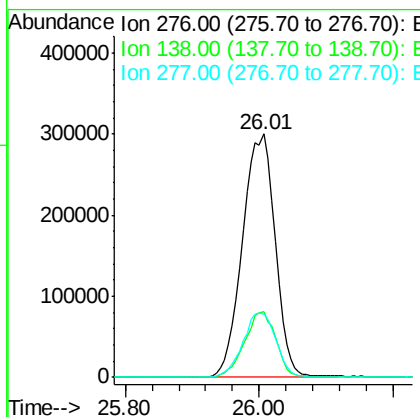
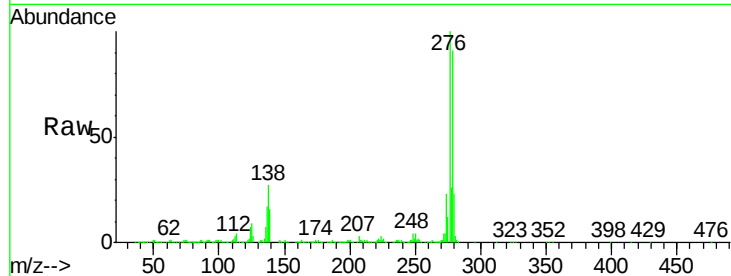
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.65 ng
 RT: 26.01 min Scan# 3969
 Delta R.T. -0.04 min
 Lab File: BG016995.D
 Acq: 9 May 2015 18:38

Instrument :
 BNA_G
 ClientSampleId :
 PB83287BSD

Tgt Ion: 276 Resp: 1013340
 Ion Ratio Lower Upper
 276 100
 138 25.9 0.0 0.0#
 277 26.8 0.0 0.0#

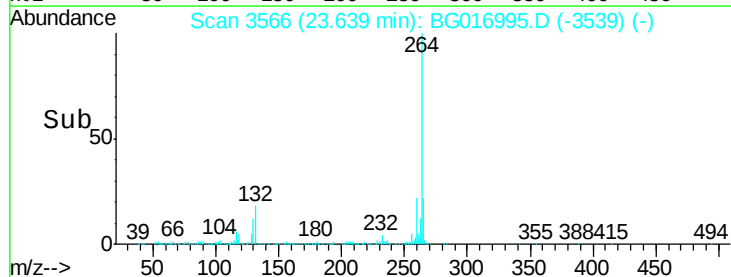
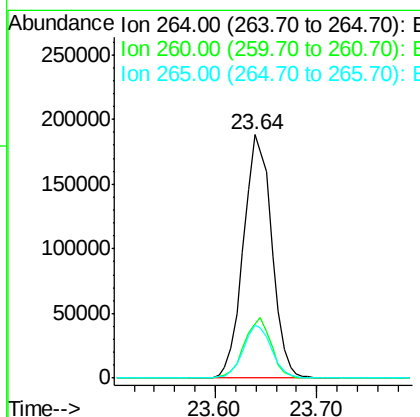
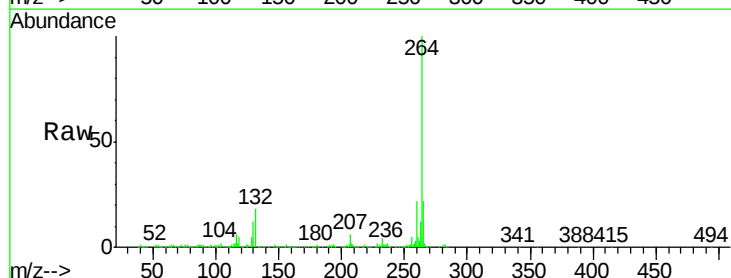
Manual Integrations
 APPROVED

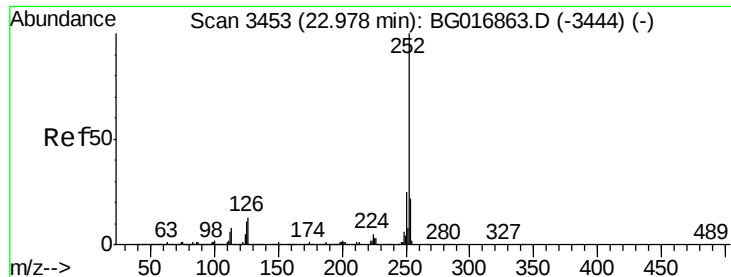
apatel
 5/19/2015 9:23:26 AM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.64 min Scan# 3566
 Delta R.T. -0.04 min
 Lab File: BG016995.D
 Acq: 9 May 2015 18:38

Tgt Ion: 264 Resp: 365772
 Ion Ratio Lower Upper
 264 100
 260 22.2 19.5 29.3
 265 21.8 18.5 27.7





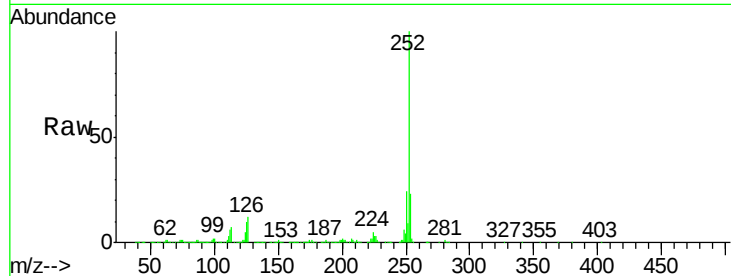
#87
Benzo(b)fluoranthene
Concen: 43.87 ng
RT: 22.95 min Scan# 3449
Delta R.T. -0.03 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Instrument :
BNA_G
ClientSampleId :
PB83287BSD

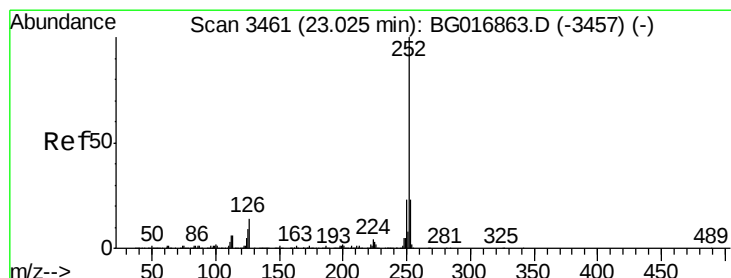
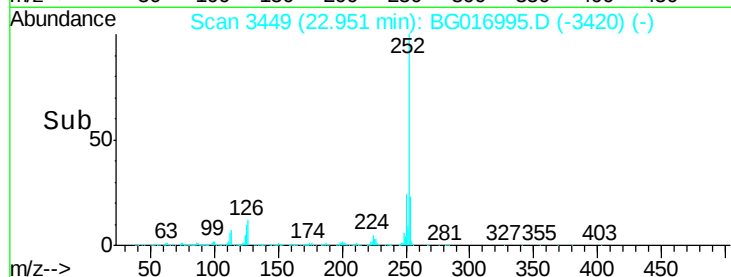
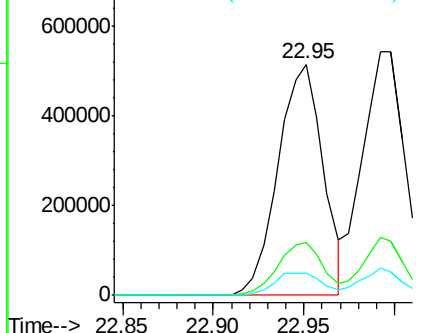
Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.1	17.4	26.0
125	9.8	8.6	13.0

Manual Integrations
APPROVED

apatel
5/19/2015 9:23:26 AM



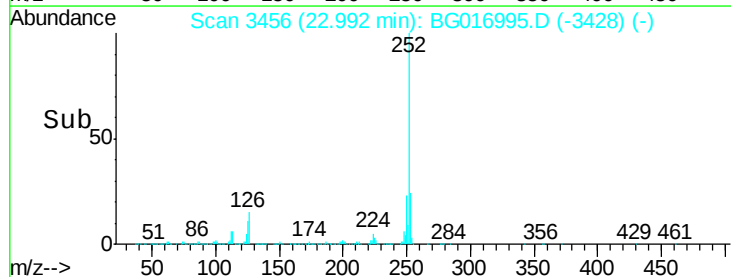
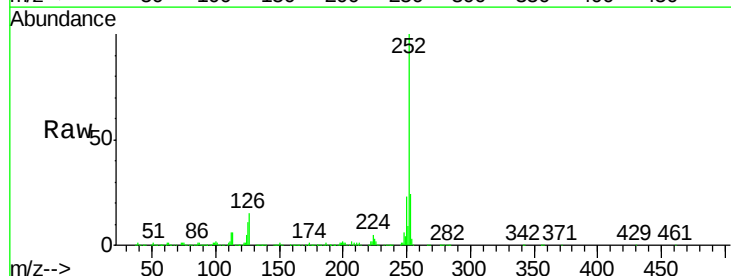
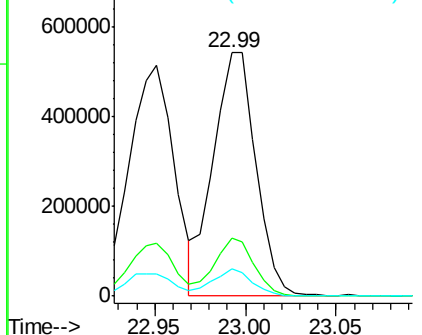
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

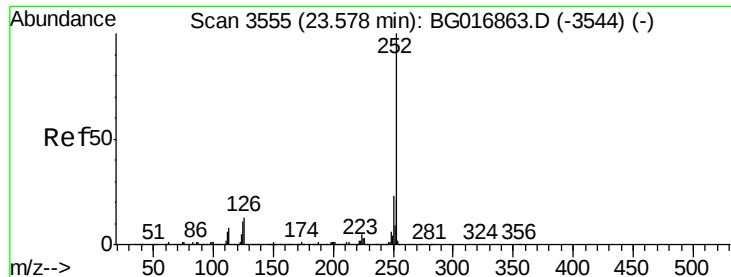


#88
Benzo(k)fluoranthene
Concen: 45.05 ng
RT: 22.99 min Scan# 3456
Delta R.T. -0.03 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.7	18.4	27.6
125	11.0	7.9	11.9

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





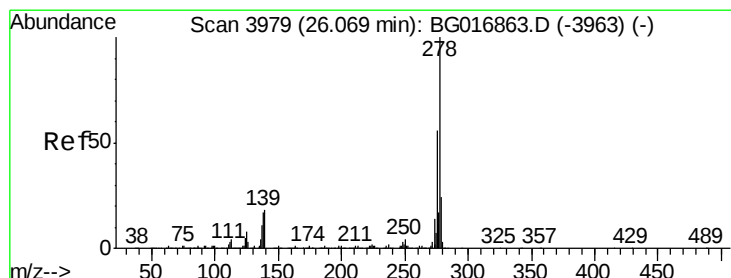
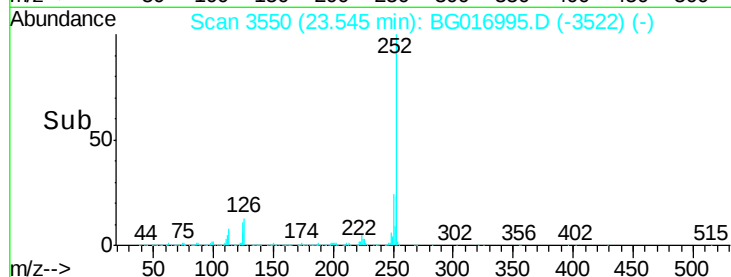
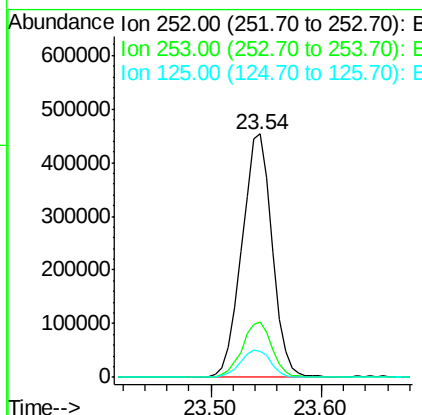
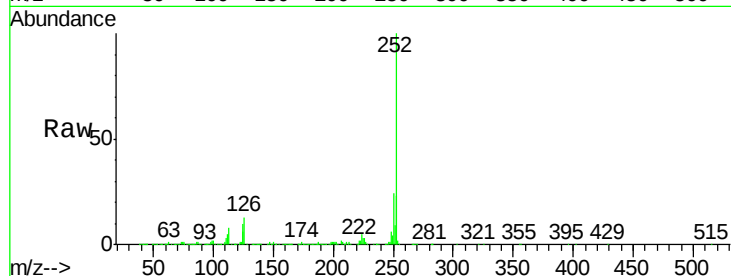
#89
Benzo(a)pyrene
Concen: 45.93 ng
RT: 23.54 min Scan# 3550
Delta R.T. -0.03 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Instrument :
BNA_G
ClientSampleId :
PB83287BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.7	26.5
125	10.5	8.5	12.7

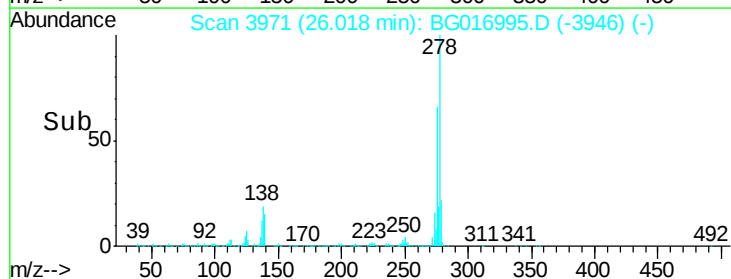
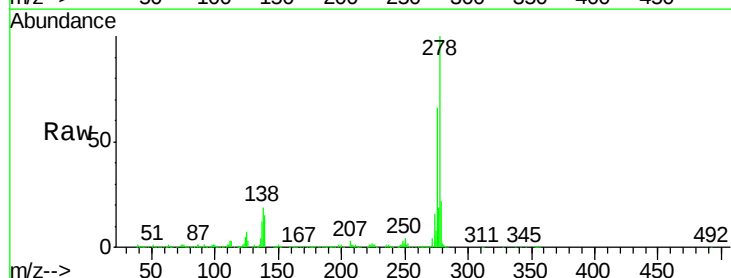
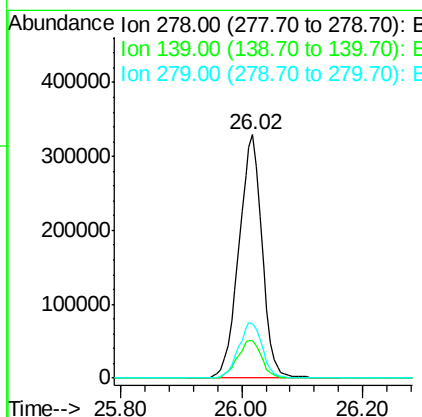
Manual Integrations
APPROVED

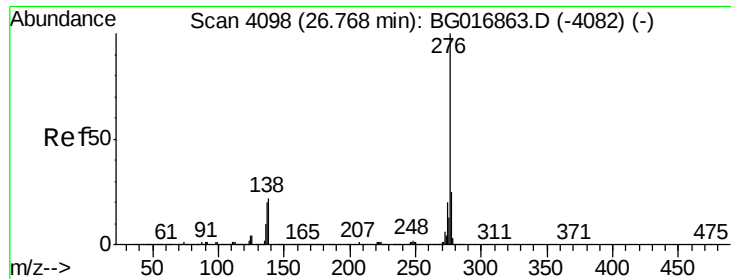
apatel
5/19/2015 9:23:26 AM



#90
Dibenzo(a,h)anthracene
Concen: 44.91 ng
RT: 26.02 min Scan# 3971
Delta R.T. -0.05 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.4	14.2	21.2
279	22.3	18.9	28.3





#91
 Benzo(g,h,i)perylene
 Concen: 44.74 ng
 RT: 26.72 min Scan# 4091
 Delta R.T. -0.04 min
 Lab File: BG016995.D
 Acq: 9 May 2015 18:38

Instrument :
 BNA_G
 ClientSampleId :
 PB83287BSD

Tgt Ion:	276	Resp:	826879
Ion Ratio		Lower	Upper
276	100		
277	22.5	19.6	29.4
138	22.5	17.5	26.3

Manual Integrations
 APPROVED

apatel
 5/19/2015 9:23:26 AM

