

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
 Data File : BG016936.D
 Acq On : 8 May 2015 00:43
 Operator : TP/IZ
 Sample : G2038-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBMW-02

Manual Integrations
 APPROVED

apatel
 5/8/2015 5:08:36 PM

Quant Time: May 08 06:02:47 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 08 04:04:43 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	71220	20.00	ng	0.00
21) Naphthalene-d8	10.60	136	323897	20.00	ng	0.01
38) Acenaphthene-d10	14.44	164	203344	20.00	ng	0.00
63) Phenanthrene-d10	17.18	188	422773	20.00	ng	0.00
75) Chrysene-d12	21.36	240	433896	20.00	ng	0.00
86) Perylene-d12	23.66	264	426699	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	325963	79.69	ng	0.00
7) Phenol-d6	6.96	99	294126	50.33	ng	0.00
23) Nitrobenzene-d5	8.96	82	625580	94.35	ng	0.00
41) 2,4,6-Tribromophenol	15.92	330	330382	161.84	ng	0.00
44) 2-Fluorobiphenyl	13.06	172	1187610	88.13	ng	0.00
78) Terphenyl-d14	19.81	244	1490029	80.50	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	10420	6.08	ng	# 1
3) Pyridine	3.69	79	73160	13.81	ng	95
4) n-Nitrosodimethylamine	3.61	42	17185	5.43	ng	# 93
6) Aniline	7.13	93	80621	9.83	ng	97
9) Benzaldehyde	6.95	77	49837	10.36	ng	# 1
10) Phenol	6.99	94	224659	35.85	ng	97
11) bis(2-Chloroethyl)ether	7.23	93	15335	3.17	ng	91
15) Benzyl Alcohol	8.04	79	62156	11.65	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.33	45	20475m	2.28	ng	
17) 2-Methylphenol	8.24	107	159549	36.16	ng	97
18) Hexachloroethane	8.90	117	50869	23.38	ng	# 1
19) n-Nitroso-di-n-propylamine	8.60	70	14717	2.87	ng	93
20) 3+4-Methylphenols	8.56	107	26899	4.42	ng	98
22) Acetophenone	8.62	105	55625	7.21	ng	96
24) Nitrobenzene	8.99	77	21809	3.26	ng	# 81
25) Isophorone	9.52	82	31012	2.32	ng	99
27) 2,4-Dimethylphenol	9.77	122	70372	14.26	ng	92
28) bis(2-Chloroethoxy)methane	10.01	93	21299	3.15	ng	# 1
31) Naphthalene	10.68	128	8346518	518.10	ng	# 16
33) 4-Chloroaniline	10.75	127	49051m	6.59	ng	
37) 2-Methylnaphthalene	12.26	142	1340563	109.25	ng	96
45) 1,1'-Biphenyl	13.27	154	265061	18.21	ng	96
47) 2-Nitroaniline	13.51	65	35548	8.86	ng	# 78
48) Acenaphthylene	14.16	152	1074174	53.49	ng	98
49) Dimethylphthalate	13.89	163	52058	3.43	ng	# 87
51) Acenaphthene	14.50	154	435881	36.47	ng	94
52) 3-Nitroaniline	14.34	138	14368	4.01	ng	# 88
54) Dibenzofuran	14.83	168	71934	4.24	ng	95
56) 2,4-Dinitrotoluene	14.80	165	10413	2.58	ng	# 81
57) Fluorene	15.48	166	267005	17.77	ng	98
59) Diethylphthalate	15.26	149	34041	2.12	ng	92
61) 4-Nitroaniline	15.50	138	22483	5.41	ng	83
62) Azobenzene	15.77	77	35766	2.15	ng	89
65) n-Nitrosodiphenylamine	15.70	169	26540	2.06	ng	95

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
 Data File : BG016936.D
 Acq On : 8 May 2015 00:43
 Operator : TP/IZ
 Sample : G2038-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBMW-02

Manual Integrations
 APPROVED

apatel
 5/8/2015 5:08:36 PM

Quant Time: May 08 06:02:47 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 08 04:04:43 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) Phenanthrene	17.22	178	507046	23.31	ng	97
71) Anthracene	17.31	178	139540	6.36	ng	99
72) Carbazole	17.58	167	258653	12.40	ng	98
73) Di-n-butylphthalate	18.15	149	55106	2.04	ng	# 91
74) Fluoranthene	19.24	202	113419	4.49	ng	99
77) Pyrene	19.60	202	139566	5.45	ng	98
80) Benzo(a)anthracene	21.34	228	51661	2.22	ng	97
82) Chrysene	21.39	228	48178	2.21	ng	96
83) Bis(2-ethylhexyl)phthalate	21.28	149	37103	2.23	ng	99
84) Di-n-octyl phthalate	22.17	149	58211	2.08	ng	# 100
85) Indeno(1,2,3-cd)pyrene	26.02	276	56269	2.17	ng	# 100
87) Benzo(b)fluoranthene	22.96	252	51055m	2.15	ng	
89) Benzo(a)pyrene	23.56	252	45737	2.06	ng	97
90) Dibenzo(a,h)anthracene	26.02	278	45938	2.03	ng	98
91) Benzo(a,h,i)perylene	26.73	276	45119	2.09	ng	93

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

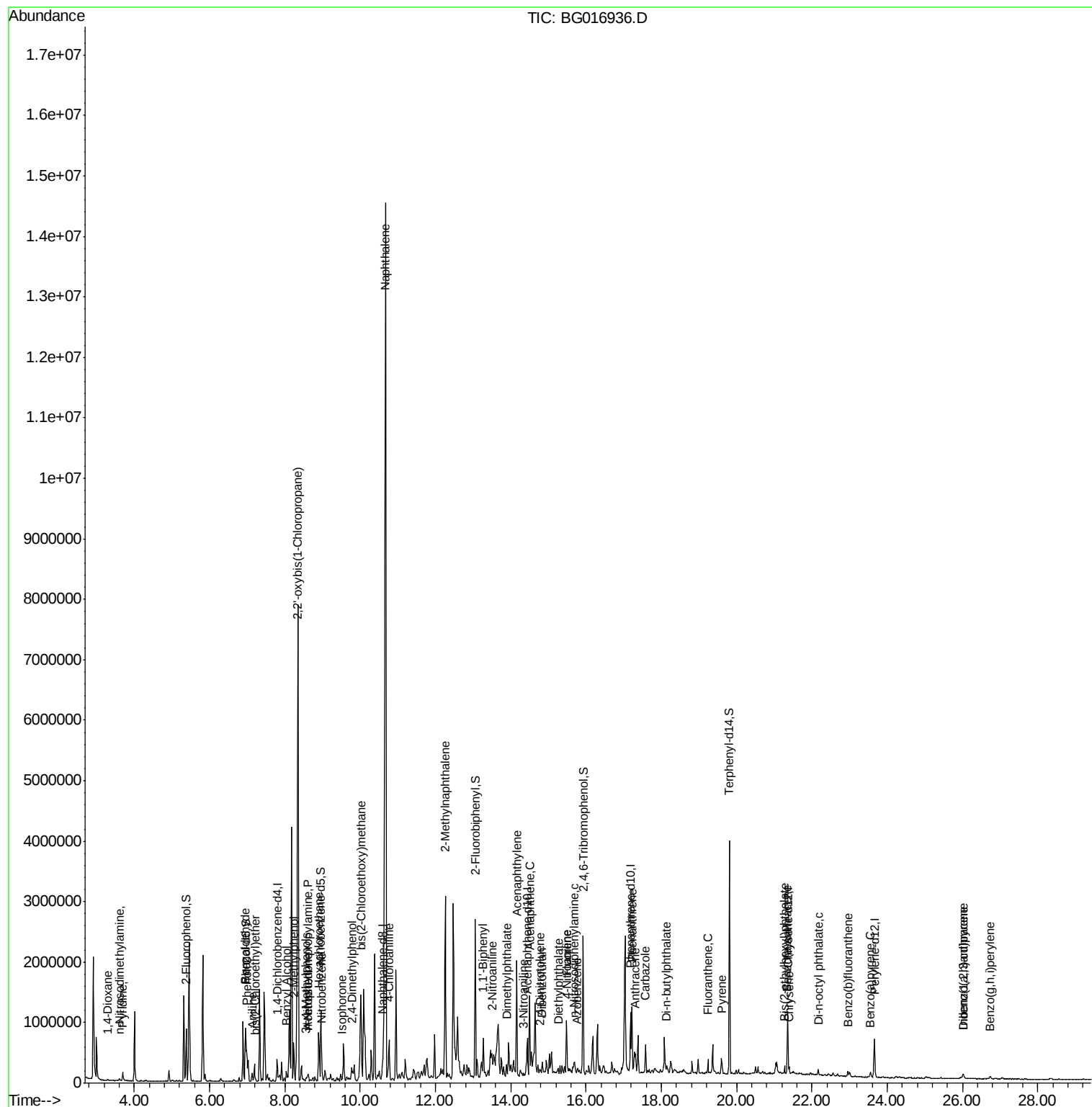
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
Data File : BG016936.D
Acq On : 8 May 2015 00:43
Operator : TP/IZ
Sample : G2038-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

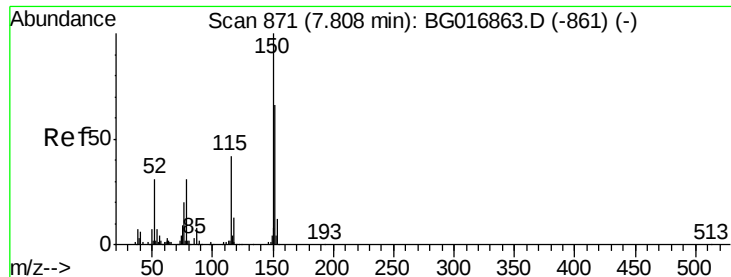
Instrument :
BNA_G
ClientSampleId :
DBMW-02

Manual Integrations
APPROVED

apatel
5/8/2015 5:08:36 PM

Quant Time: May 08 06:02:47 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 08 04:04:43 2015
Response via : Initial Calibration





#1

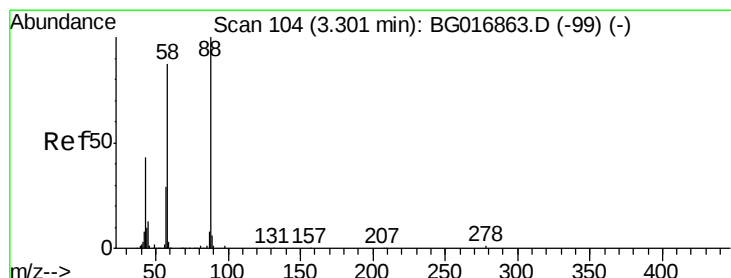
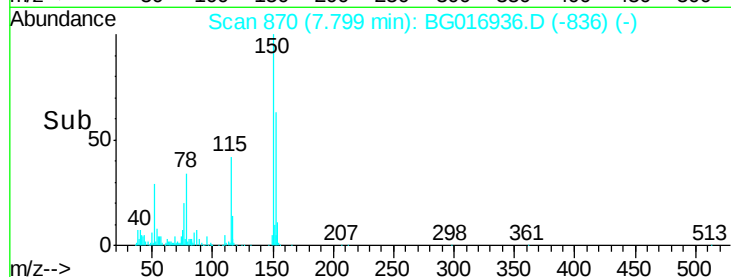
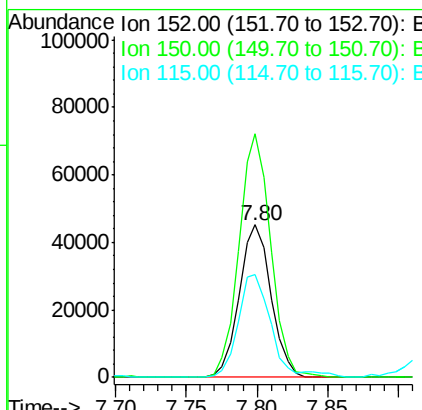
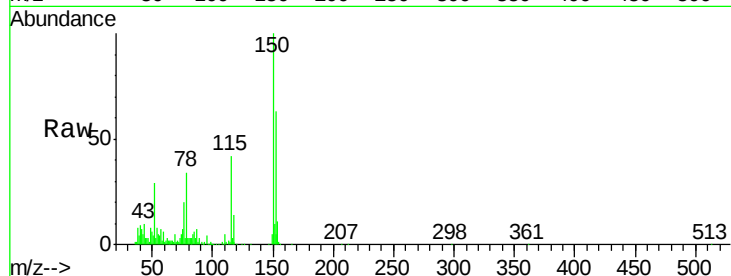
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.80 min Scan# 870
Delta R.T. 0.00 min
Lab File: BG016936.D
Acq: 8 May 2015 00:43

Instrument :
BNA_G
ClientSampleId :
DBMW-02

Manual Integrations
APPROVED

apatel
5/8/2015 5:08:36 PM

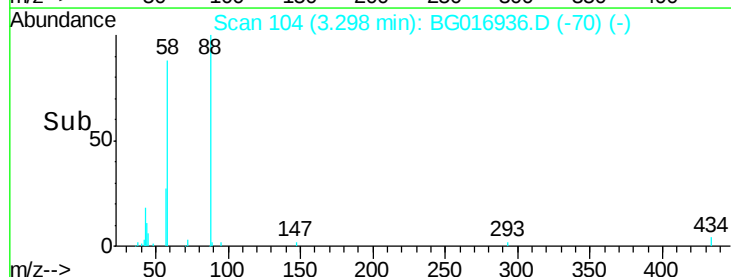
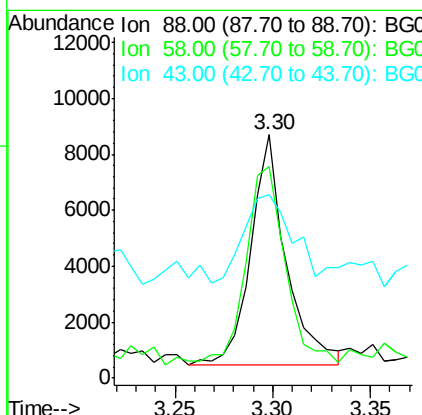
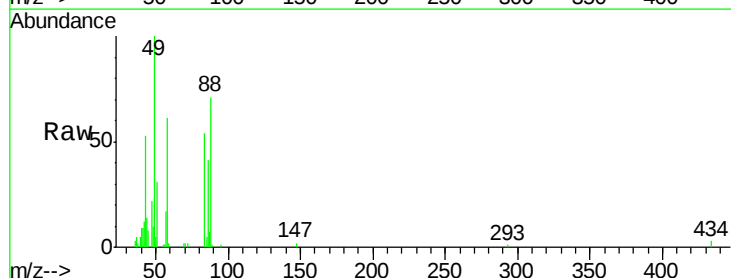
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	121.0	181.4
115	67.2	50.5	75.7

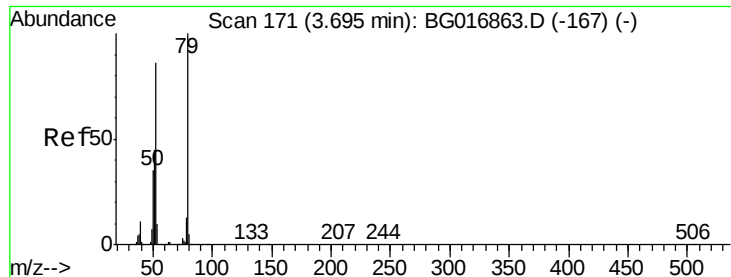


#2

1,4-Dioxane
Concen: 6.08 ng
RT: 3.30 min Scan# 104
Delta R.T. 0.00 min
Lab File: BG016936.D
Acq: 8 May 2015 00:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.9	0.1	0.1#
43	54.9	1.3	1.9#





#3

Pvridine

Concen: 13.81 ng

RT: 3.69 min Scan# 170

Delta R.T. -0.01 min

Lab File: BG016936.D

Acq: 8 May 2015 00:43

Instrument :

BNA_G

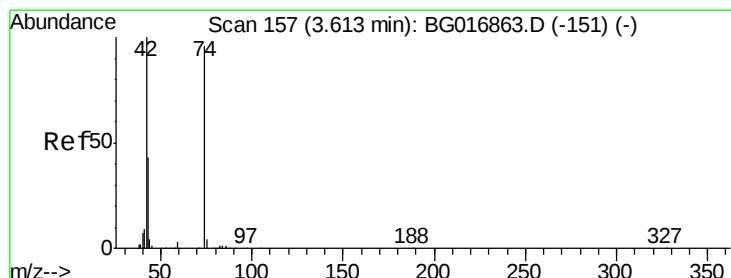
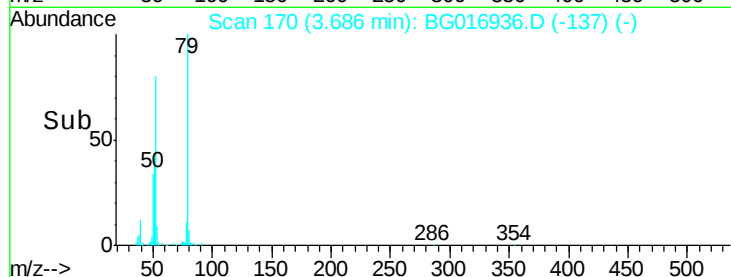
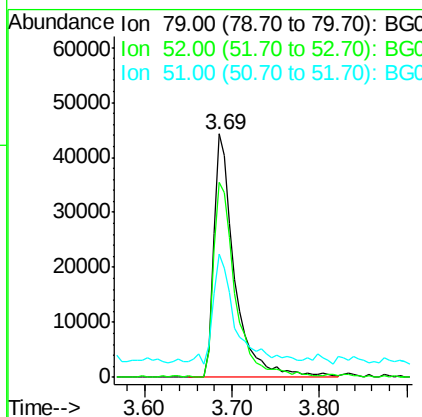
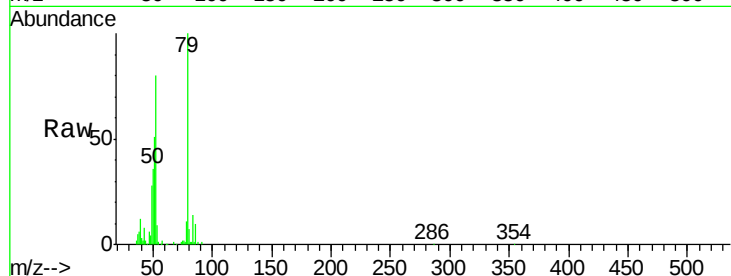
ClientSampleId :

DBMW-02

Manual Integrations
APPROVED

apatel
5/8/2015 5:08:36 PM

Tot Ion:	79	Resp:	73160
Ion	Ratio	Lower	Upper
79	100		
52	80.3	68.5	102.7
51	50.5	37.8	56.8



#4

n-Nitrosodimethylamine

Concen: 5.43 ng

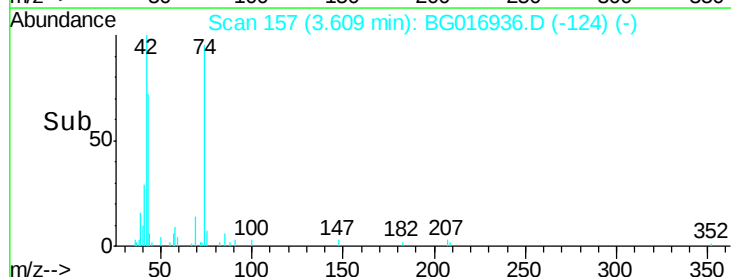
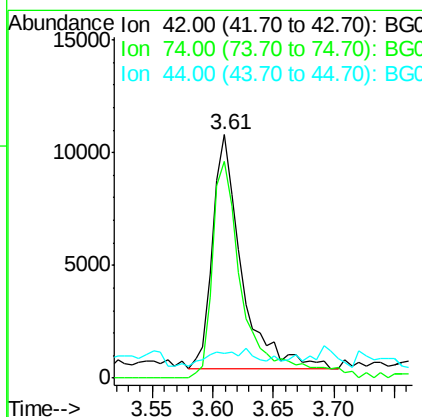
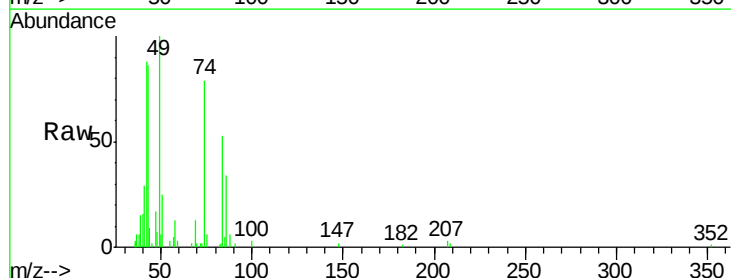
RT: 3.61 min Scan# 157

Delta R.T. -0.01 min

Lab File: BG016936.D

Acq: 8 May 2015 00:43

Tgt Ion:	42	Resp:	17185
Ion	Ratio	Lower	Upper
42	100		
74	89.1	76.2	114.2
44	10.4	4.9	7.3#





#5

2-Fluorophenol

Concen: 79.69 ng

RT: 5.38 min Scan# 459

Delta R.T. 0.01 min

Lab File: BG016936.D

Acq: 8 May 2015 00:43

Instrument :

BNA_G

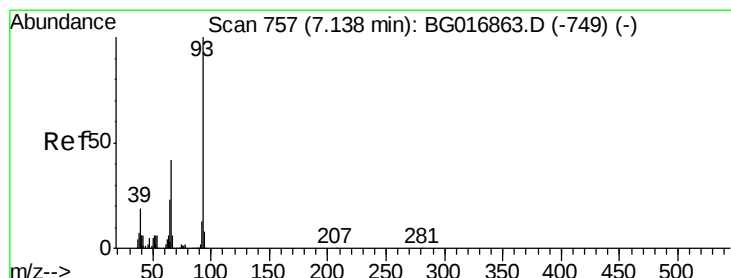
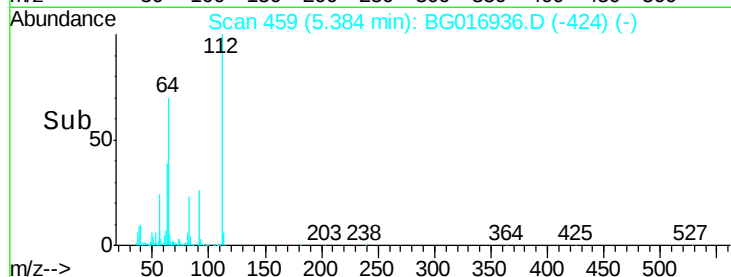
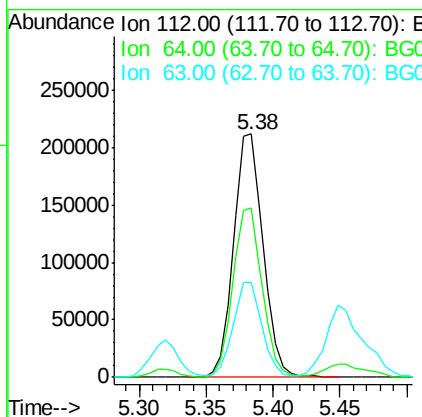
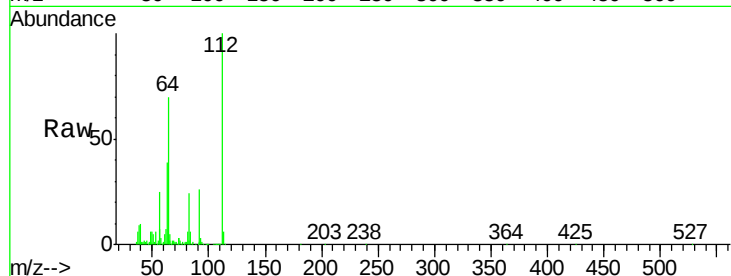
ClientSampleId :

DBMW-02

Manual Integrations
APPROVED

apatel
5/8/2015 5:08:36 PM

Tot Ion	Ratio	Resp	Lower	Upper
112	100	325963		
64	69.5	51.4	77.2	
63	39.0	28.1	42.1	



#6

Aniline

Concen: 9.83 ng

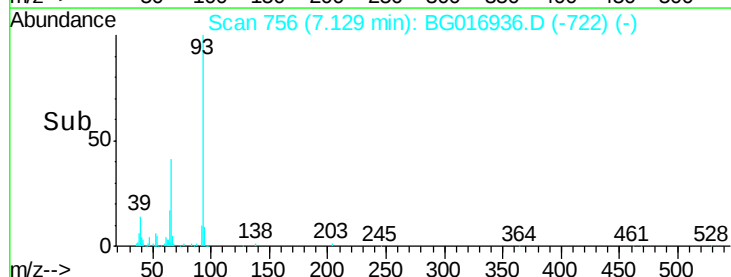
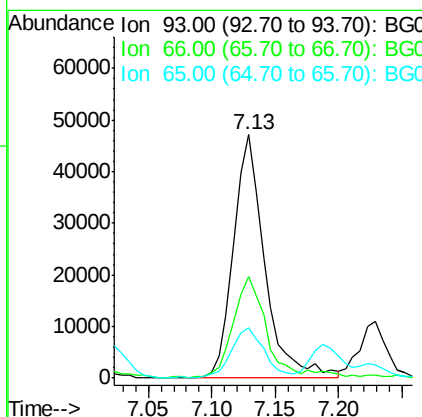
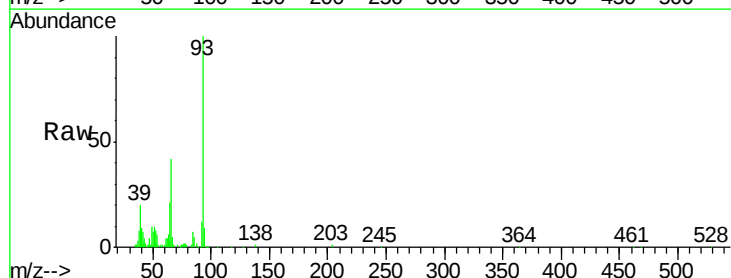
RT: 7.13 min Scan# 756

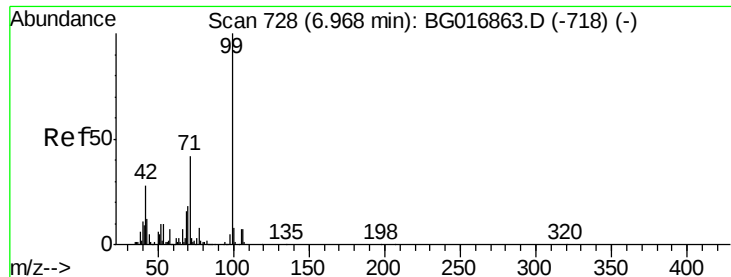
Delta R.T. 0.00 min

Lab File: BG016936.D

Acq: 8 May 2015 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	80621		
66	41.6	33.8	50.6	
65	20.6	18.7	28.1	





#7

Phenol-d6

Concen: 50.33 ng

RT: 6.96 min Scan# 728

Delta R.T. 0.00 min

Lab File: BG016936.D

Acq: 8 May 2015 00:43

Instrument :

BNA_G

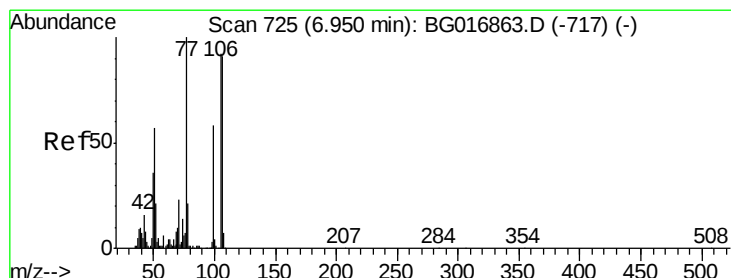
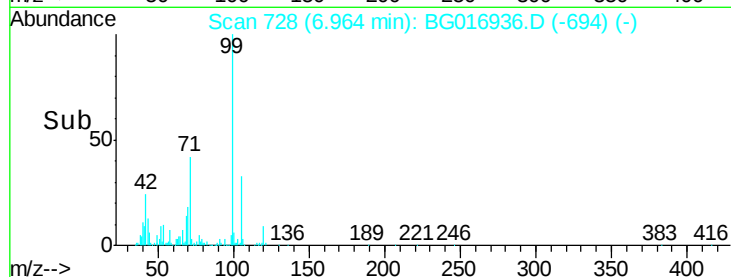
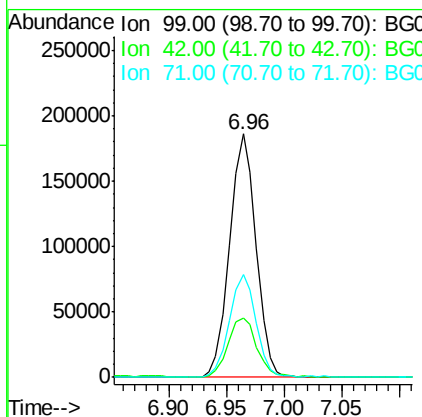
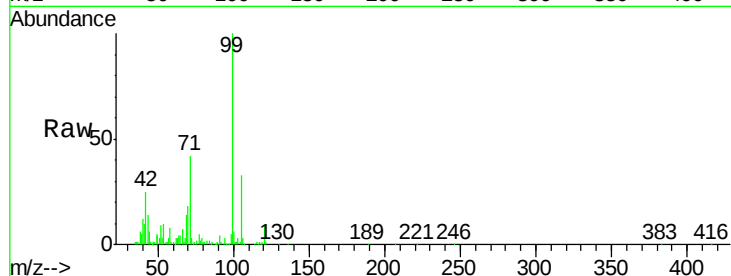
ClientSampleId :

DBMW-02

Tot Ion:	99	Resp:	294126
Ion Ratio	Lower	Upper	
99	100		
42	24.6	22.1	33.1
71	42.2	33.4	50.0

Manual Integrations
APPROVED

apatel
5/8/2015 5:08:36 PM



#9

Benzaldehyde

Concen: 10.36 ng

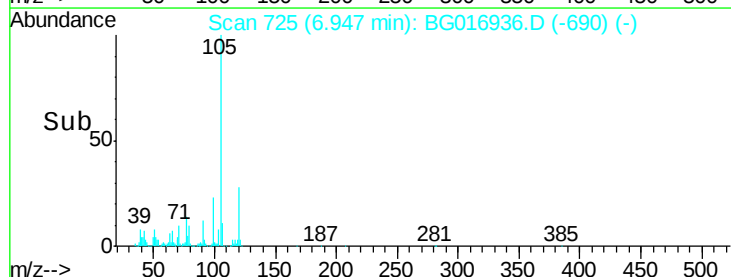
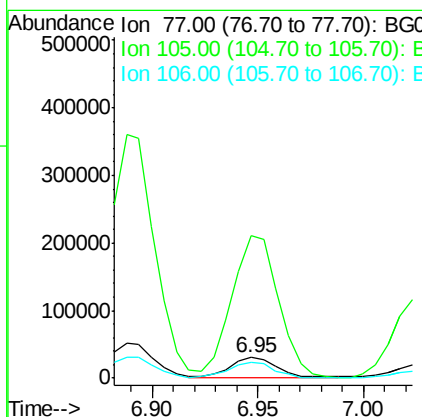
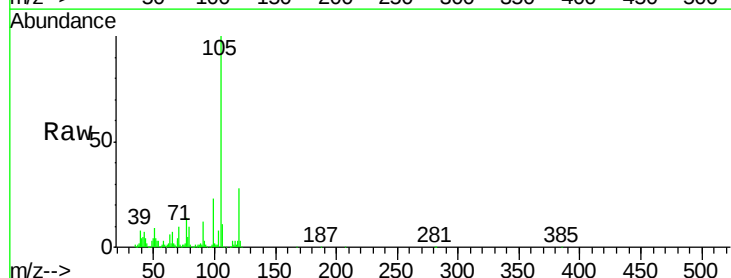
RT: 6.95 min Scan# 725

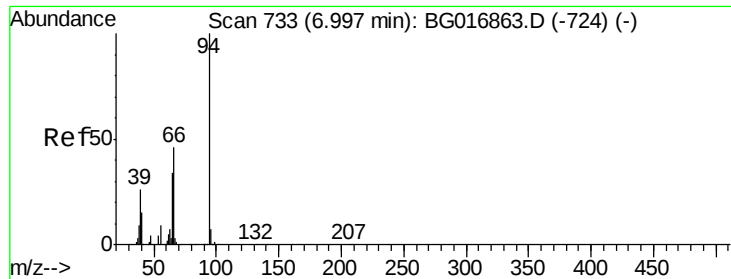
Delta R.T. 0.01 min

Lab File: BG016936.D

Acq: 8 May 2015 00:43

Tgt Ion:	77	Resp:	49837
Ion Ratio	Lower	Upper	
77	100		
105	690.1	71.6	111.6#
106	77.7	71.5	111.5





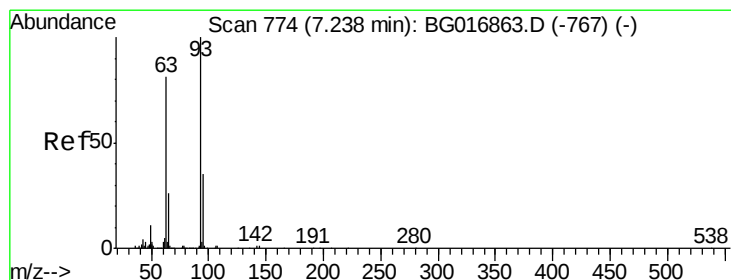
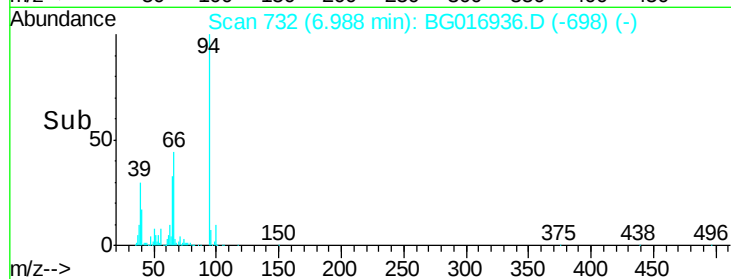
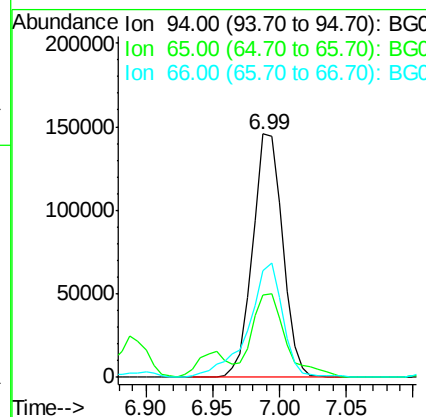
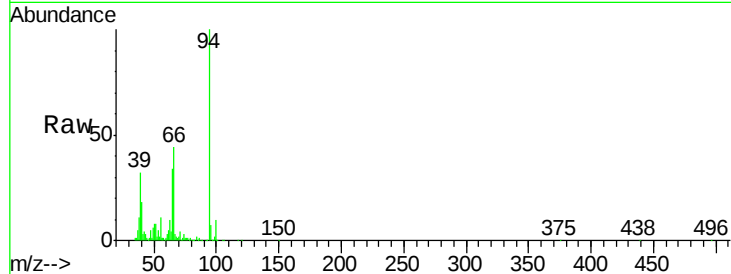
#10
Phenol
Concen: 35.85 ng
RT: 6.99 min Scan# 732
Delta R.T. 0.00 min
Lab File: BG016936.D
Acq: 8 May 2015 00:43

Instrument :
BNA_G
ClientSampleId :
DBMW-02

Tot Ion	Ratio	Lower	Upper
94	100		
65	34.0	14.3	54.3
66	43.9	26.9	66.9

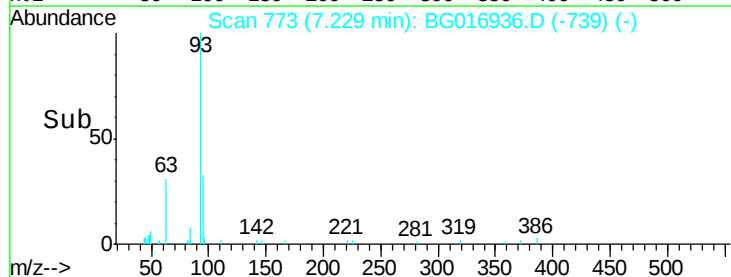
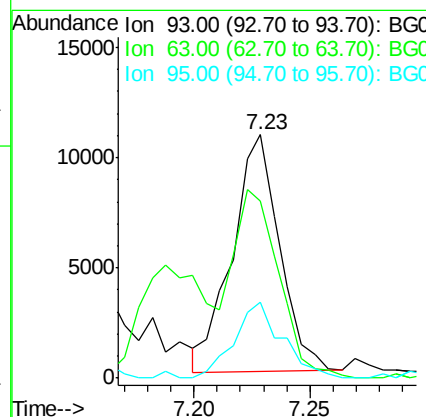
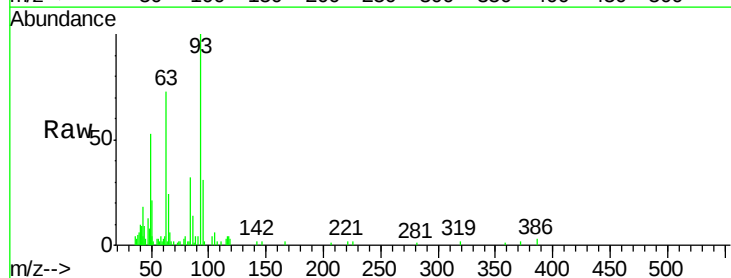
Manual Integrations
APPROVED

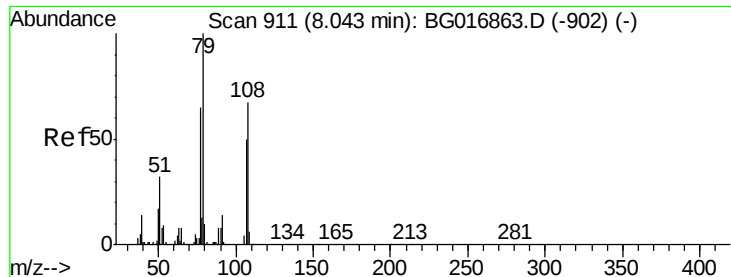
apatel
5/8/2015 5:08:36 PM



#11
bis(2-Chloroethyl)ether
Concen: 3.17 ng
RT: 7.23 min Scan# 773
Delta R.T. 0.00 min
Lab File: BG016936.D
Acq: 8 May 2015 00:43

Tgt Ion	Ratio	Lower	Upper
93	100		
63	72.7	61.2	101.2
95	31.4	15.0	55.0





#15

Benzyl Alcohol

Concen: 11.65 ng

RT: 8.04 min Scan# 911

Delta R.T. 0.00 min

Lab File: BG016936.D

Acq: 8 May 2015 00:43

Instrument :

BNA_G

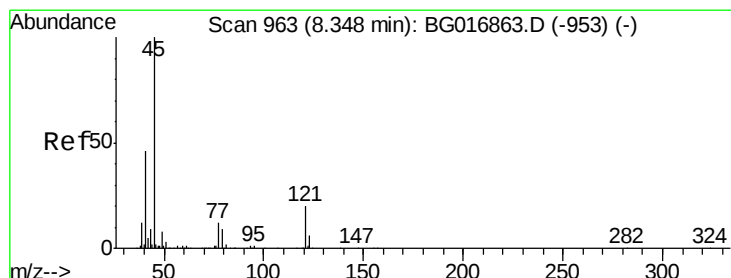
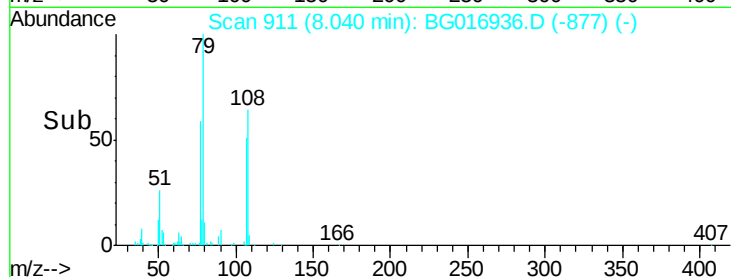
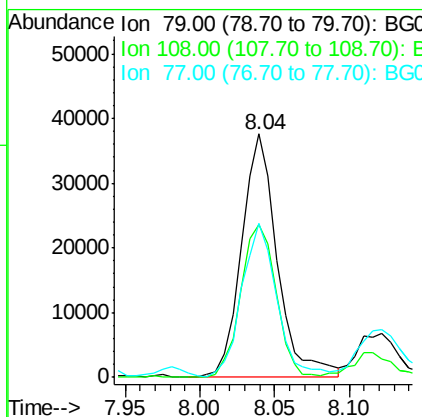
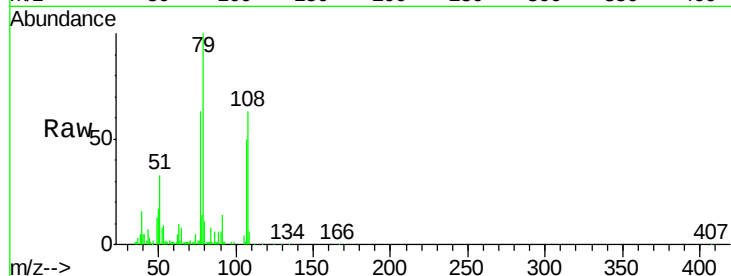
ClientSampleId :

DBMW-02

Tot Ion:	79	Resp:	62156
Ion Ratio	Lower	Upper	
79	100		
108	62.8	53.4	80.2
77	63.1	52.2	78.2

Manual Integrations
APPROVED

apatel
5/8/2015 5:08:36 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 2.28 ng

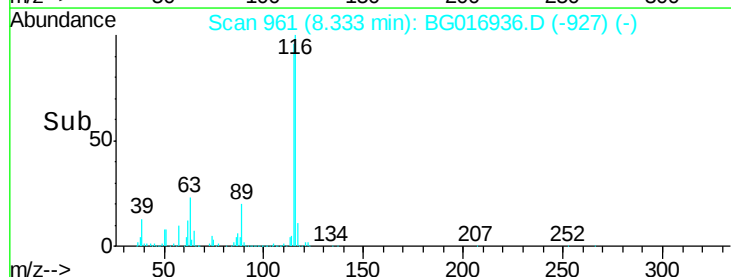
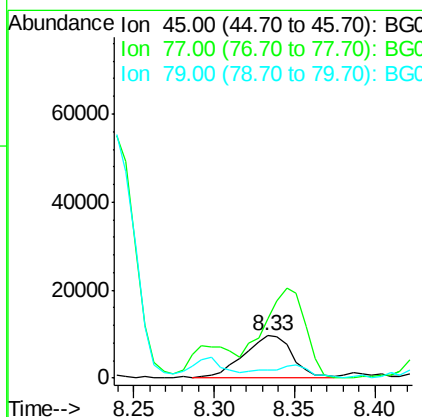
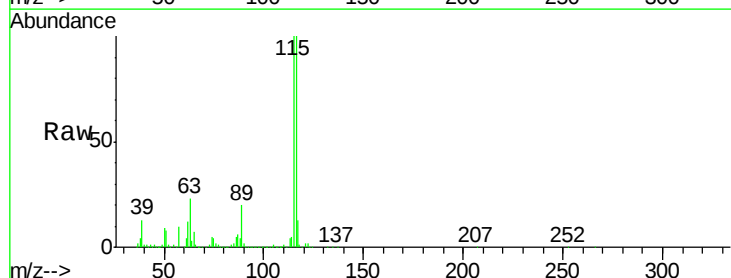
RT: 8.33 min Scan# 961

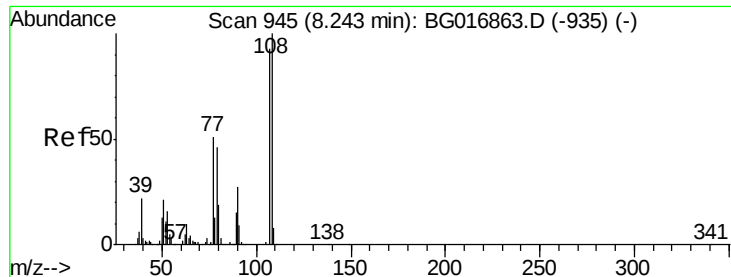
Delta R.T. 0.00 min

Lab File: BG016936.D

Acq: 8 May 2015 00:43

Tgt Ion:	45	Resp:	20475
Ion Ratio	Lower	Upper	
45	100		
77	142.4	0.0	31.8#
79	19.0	0.0	29.1





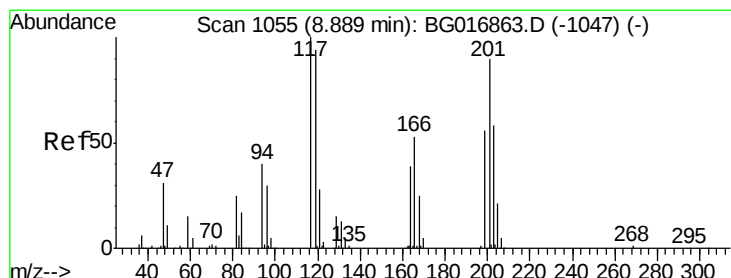
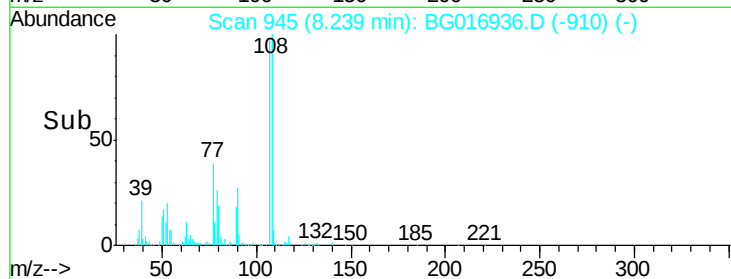
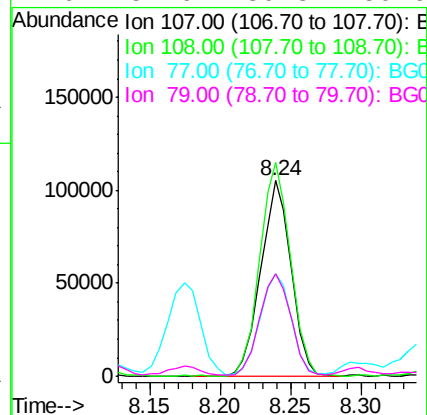
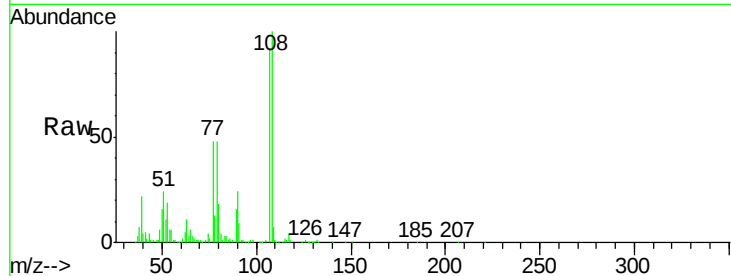
#17
2-Methylphenol
Concen: 36.16 ng
RT: 8.24 min Scan# 945
Delta R.T. 0.01 min
Lab File: BG016936.D
Acq: 8 May 2015 00:43

Instrument :
BNA_G
ClientSampleId :
DBMW-02

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.2	85.9	128.9	
77	52.3	43.8	65.6	
79	52.6	39.8	59.6	

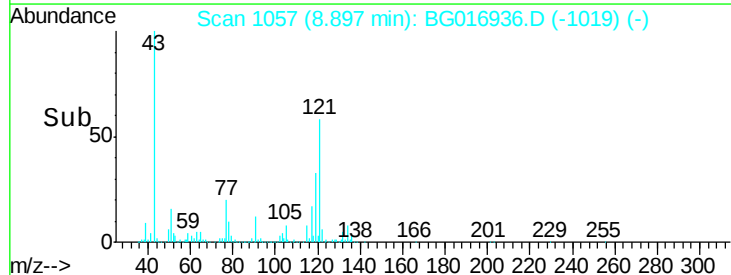
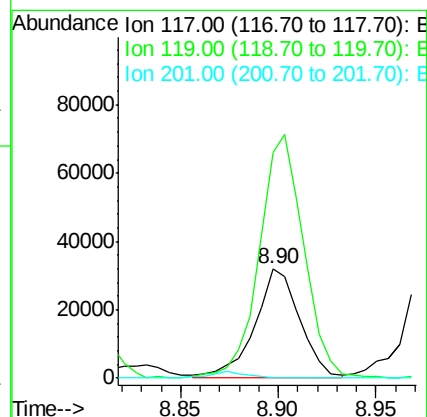
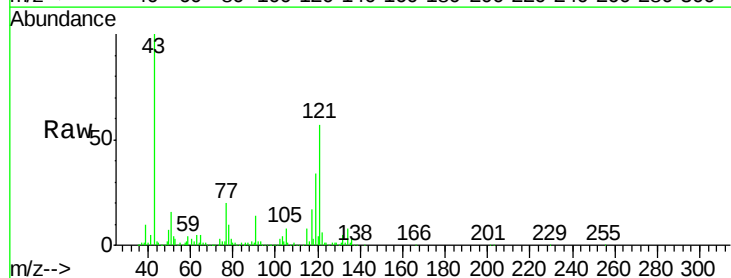
Manual Integrations
APPROVED

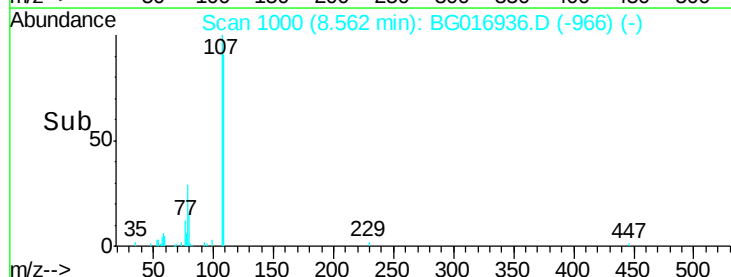
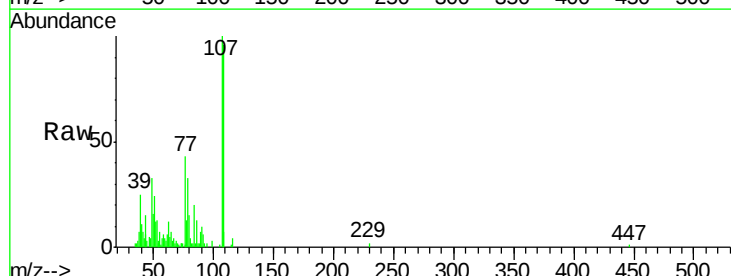
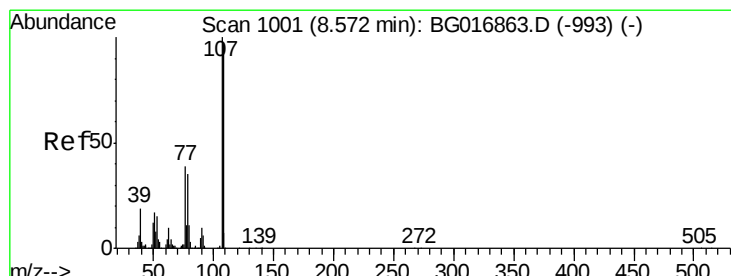
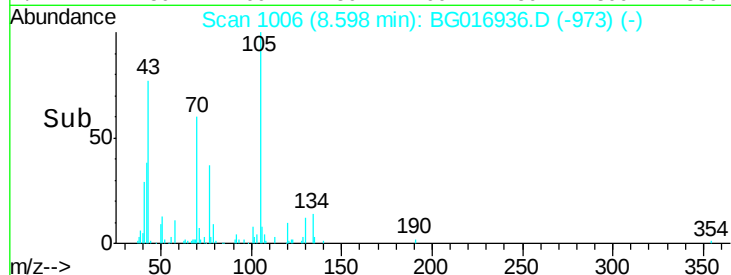
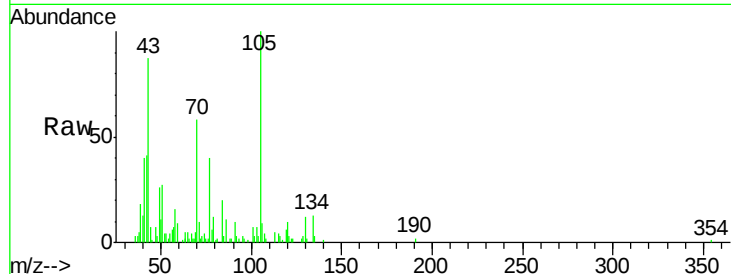
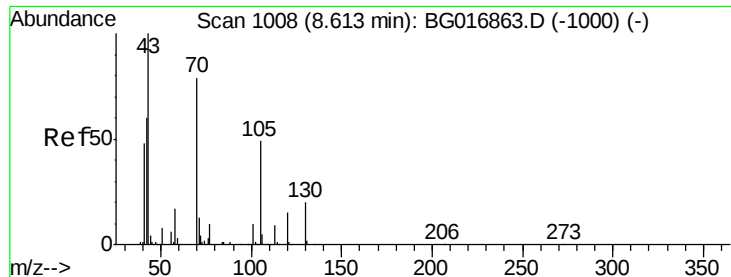
apatel
5/8/2015 5:08:36 PM



#18
Hexachloroethane
Concen: 23.38 ng
RT: 8.90 min Scan# 1057
Delta R.T. 0.02 min
Lab File: BG016936.D
Acq: 8 May 2015 00:43

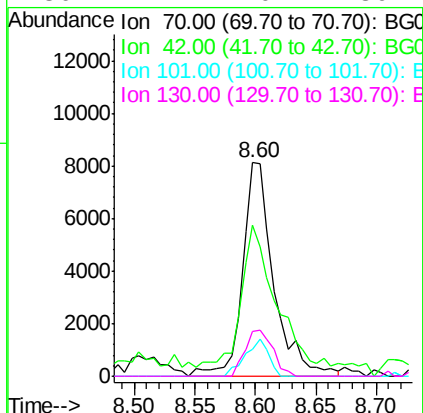
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	205.8	74.8	112.2#	
201	0.8	72.1	108.1#	





#19
n-Nitroso-di-n-propylamine
Concen: 2.87 ng
RT: 8.60 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG016936.D
Acq: 8 May 2015 00:43

Tot Ion	Ion	Ratio	Resp	Lower	Upper
14717	70	100			
	42	70.7		61.5	92.3
	101	12.7		9.8	14.6
	130	21.1		20.2	30.4



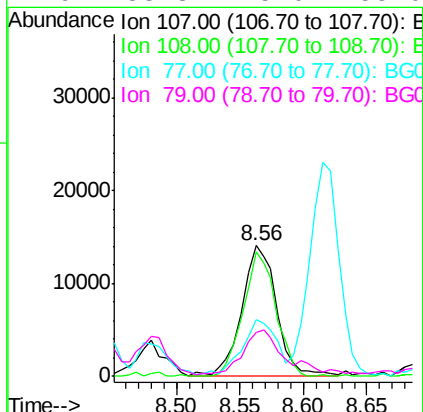
Instrument :
BNA_G
ClientSampleId :
DBMW-02

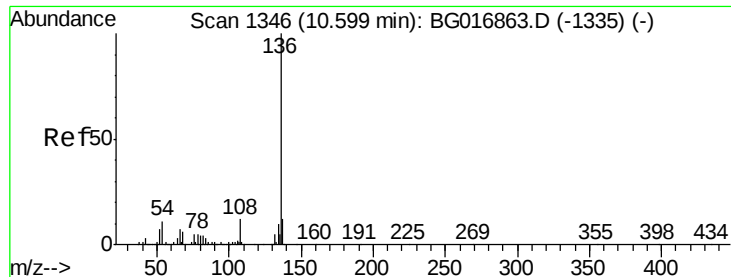
Manual Integrations
APPROVED

apatel
5/8/2015 5:08:36 PM

#20
3+4-Methylphenols
Concen: 4.42 ng
RT: 8.56 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BG016936.D
Acq: 8 May 2015 00:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
26899	107	100			
	108	95.9		76.6	116.6
	77	42.9		19.0	59.0
	79	33.3		15.0	55.0





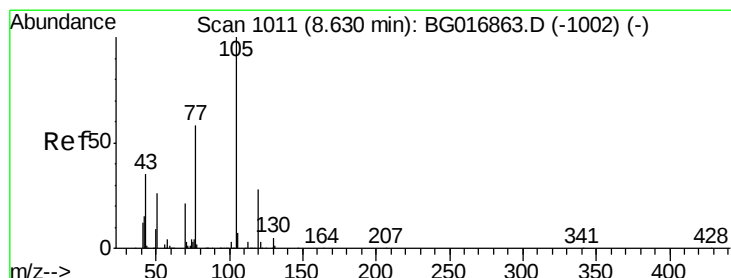
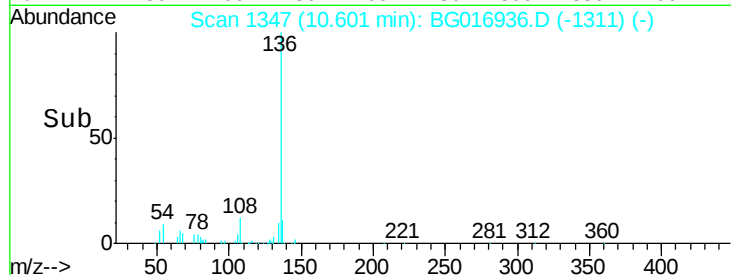
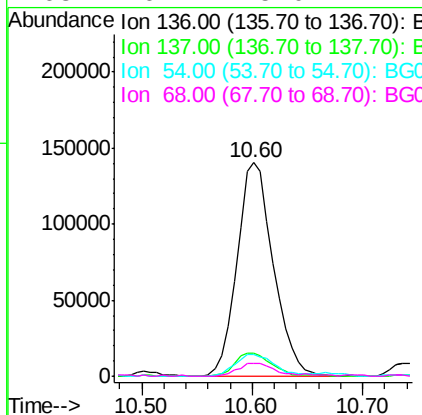
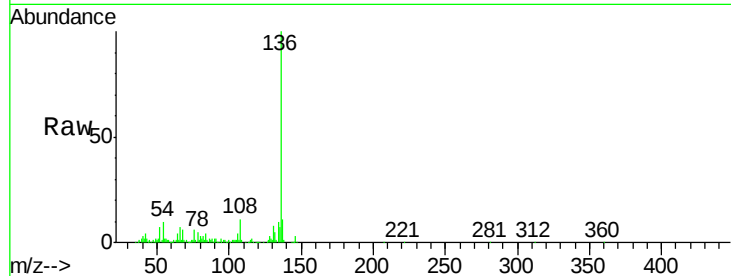
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.60 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BG016936.D
Acq: 8 May 2015 00:43

Instrument :
BNA_G
ClientSampleId :
DBMW-02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		323897		
137	10.6		9.8	14.8	
54	10.3		8.7	13.1	
68	6.2		5.0	7.4	

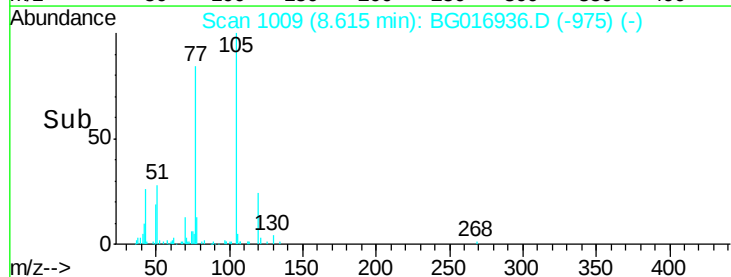
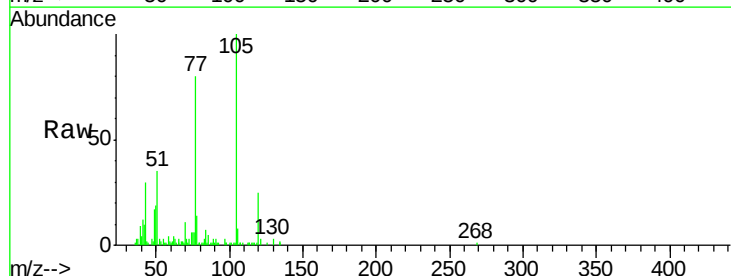
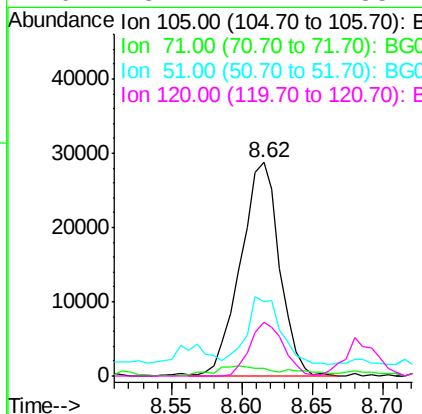
Manual Integrations
APPROVED

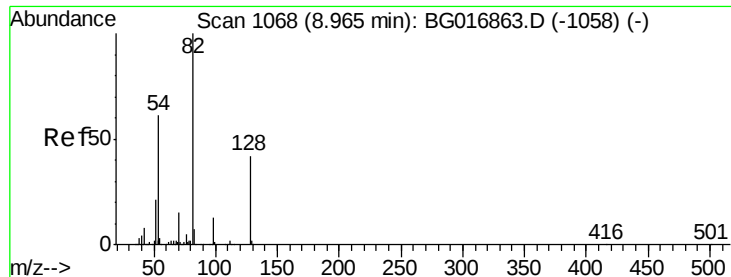
apatel
5/8/2015 5:08:36 PM



#22
Acetophenone
Concen: 7.21 ng
RT: 8.62 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BG016936.D
Acq: 8 May 2015 00:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		55625		
71	3.4		2.8	4.2	
51	34.5		29.4	44.2	
120	25.1		22.2	33.4	





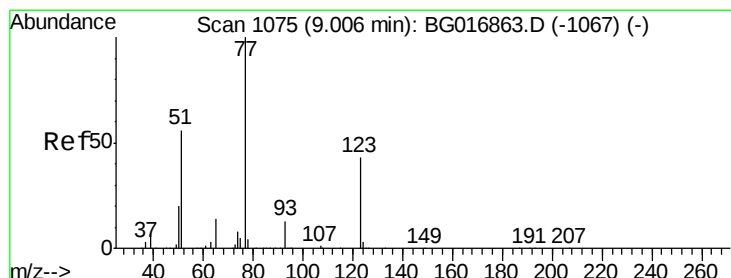
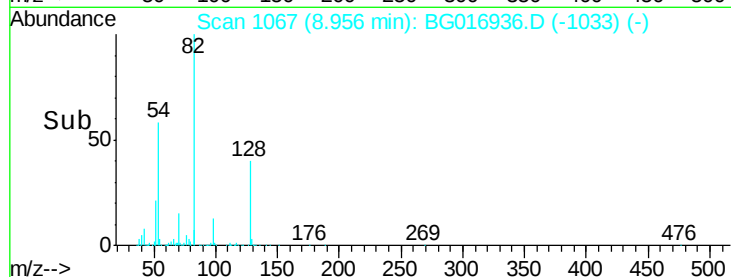
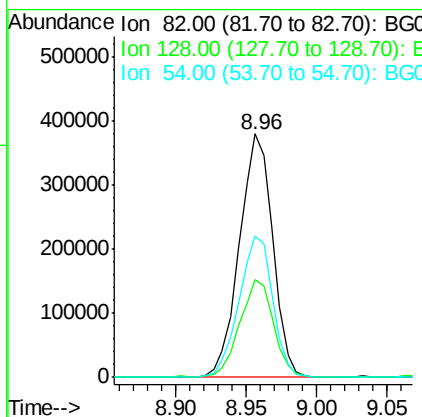
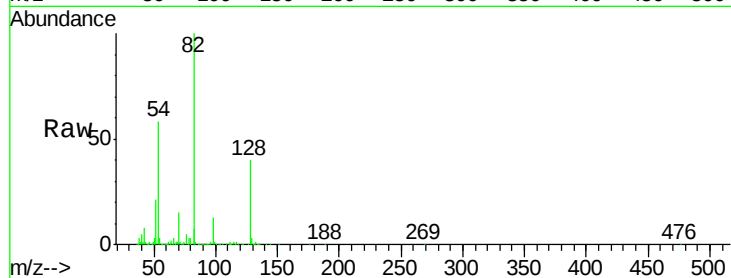
#23
 Nitrobenzene-d5
 Concen: 94.35 ng
 RT: 8.96 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: BG016936.D
 Acq: 8 May 2015 00:43

Instrument :
 BNA_G
 ClientSampleId :
 DBMW-02

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	40.1	33.2	49.8	
54	58.2	48.6	72.8	

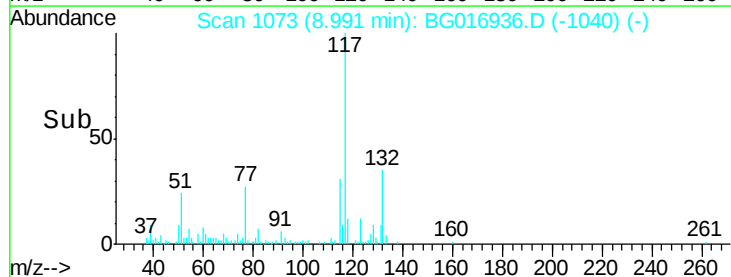
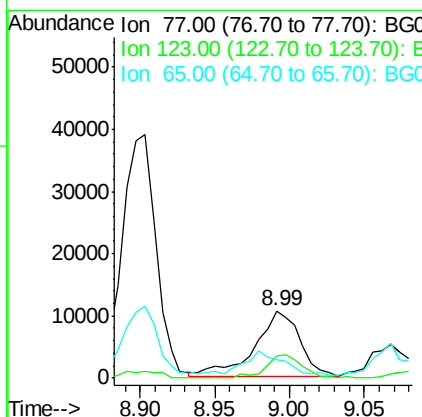
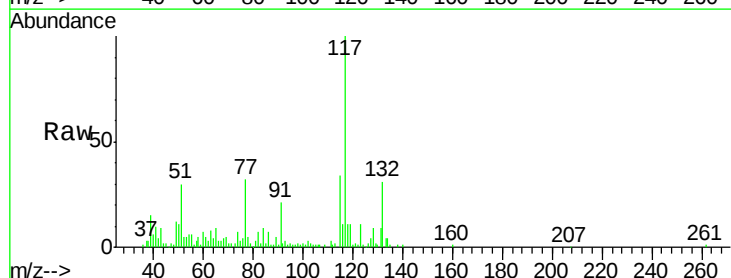
Manual Integrations
 APPROVED

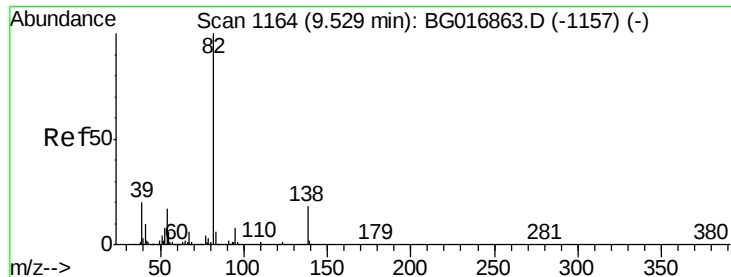
apatel
 5/8/2015 5:08:36 PM



#24
 Nitrobenzene
 Concen: 3.26 ng
 RT: 8.99 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: BG016936.D
 Acq: 8 May 2015 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	33.6	34.0	51.0#	
65	27.8	11.2	16.8#	





#25

Isophorone

Concen: 2.32 ng

RT: 9.52 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BG016936.D

Acq: 8 May 2015 00:43

Instrument :

BNA_G

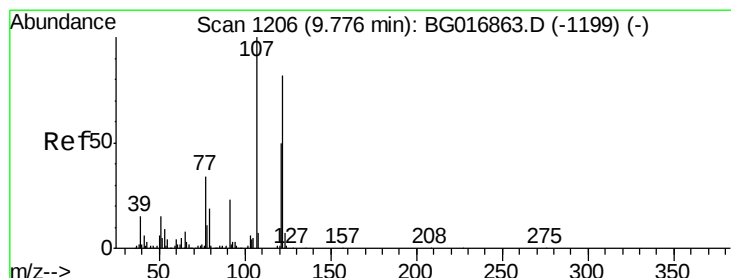
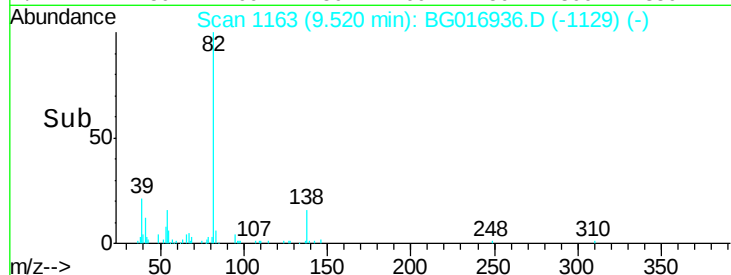
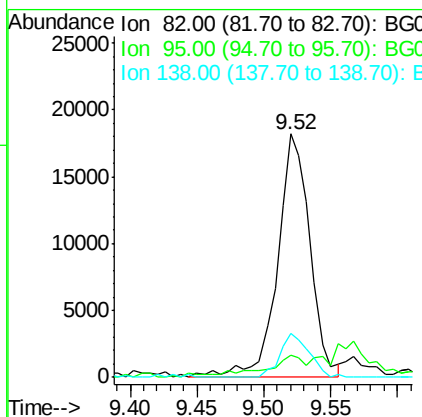
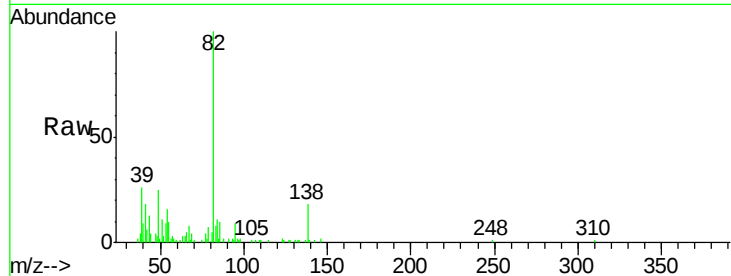
ClientSampleId :

DBMW-02

Tot Ion:	82	Resp:	31012
Ion Ratio	Lower	Upper	
82	100		
95	8.9	6.7	10.1
138	17.9	14.7	22.1

Manual Integrations
APPROVED

apatel
5/8/2015 5:08:36 PM



#27

2,4-Dimethylphenol

Concen: 14.26 ng

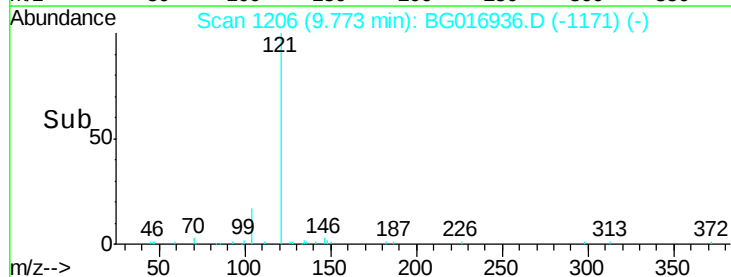
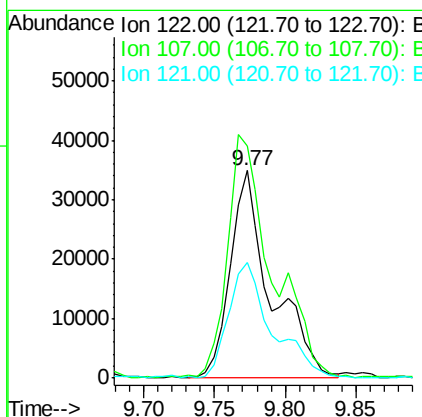
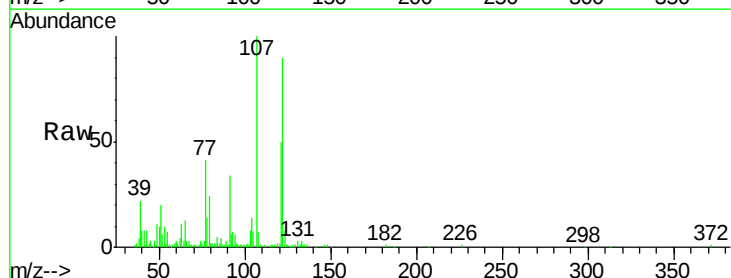
RT: 9.77 min Scan# 1206

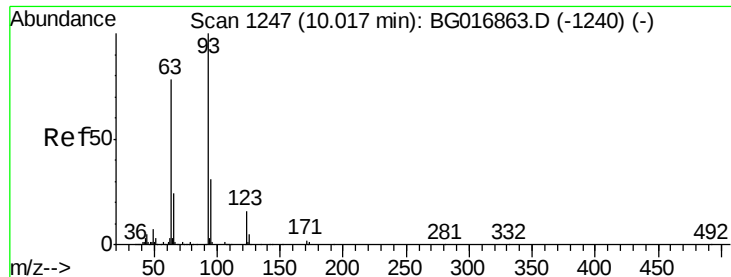
Delta R.T. 0.01 min

Lab File: BG016936.D

Acq: 8 May 2015 00:43

Tgt Ion:	122	Resp:	70372
Ion Ratio	Lower	Upper	
122	100		
107	111.7	97.6	146.4
121	56.0	48.4	72.6





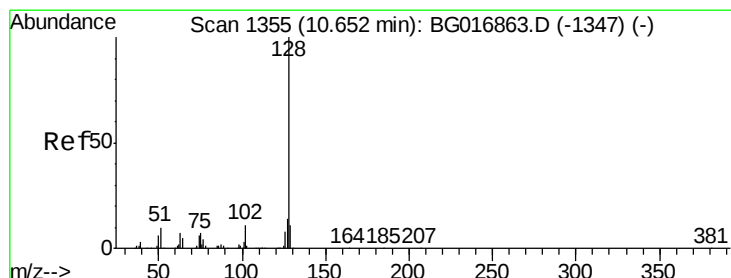
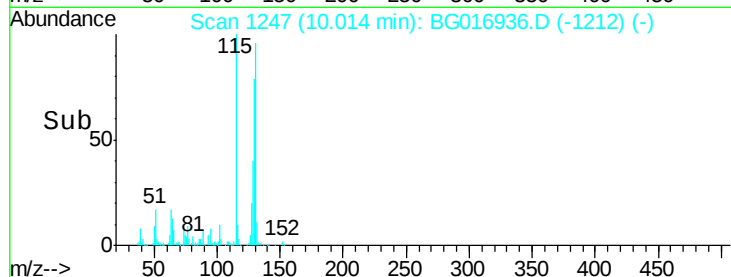
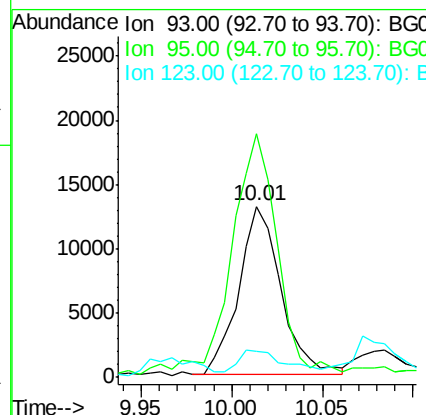
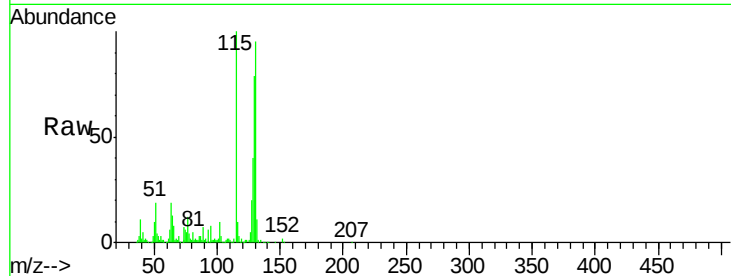
#28
bis(2-Chloroethoxy)methane
Concen: 3.15 ng
RT: 10.01 min Scan# 1247
Delta R.T. 0.01 min
Lab File: BG016936.D
Acq: 8 May 2015 00:43

Instrument :
BNA_G
ClientSampleId :
DBMW-02

Tot Ion	Ratio	Lower	Upper
93	100		
95	142.2	24.8	37.2#
123	15.1	12.6	19.0

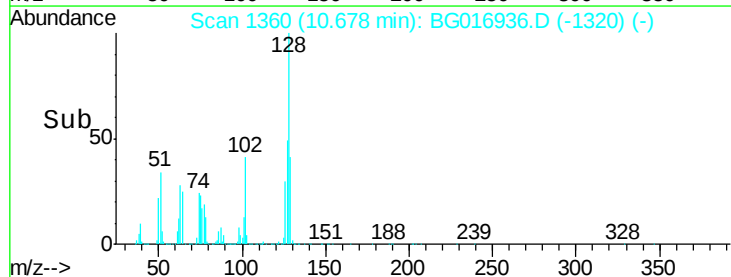
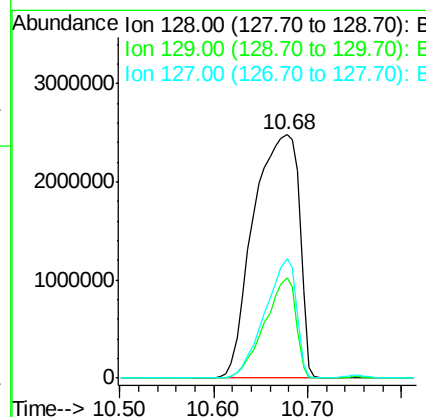
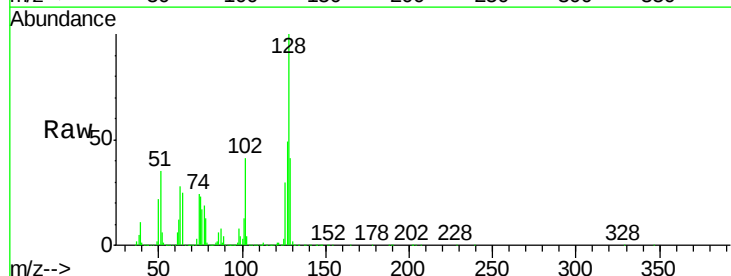
Manual Integrations
APPROVED

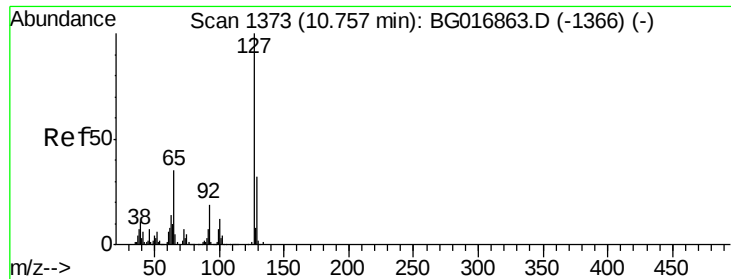
apatel
5/8/2015 5:08:36 PM



#31
Naphthalene
Concen: 518.10 ng
RT: 10.68 min Scan# 1360
Delta R.T. 0.04 min
Lab File: BG016936.D
Acq: 8 May 2015 00:43

Tgt Ion	Ratio	Lower	Upper
128	100		
129	41.4	9.1	13.7#
127	49.1	10.9	16.3#





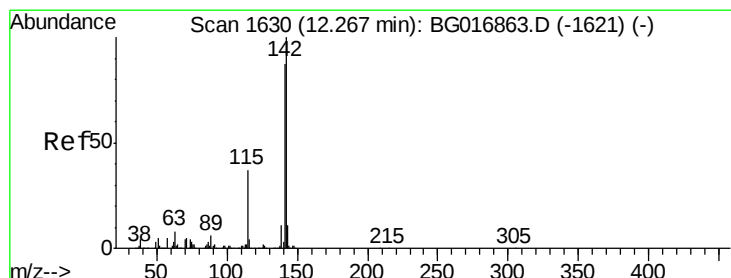
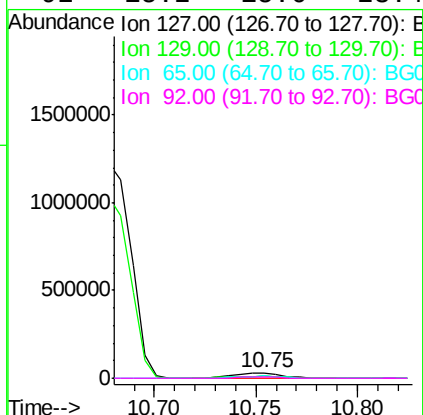
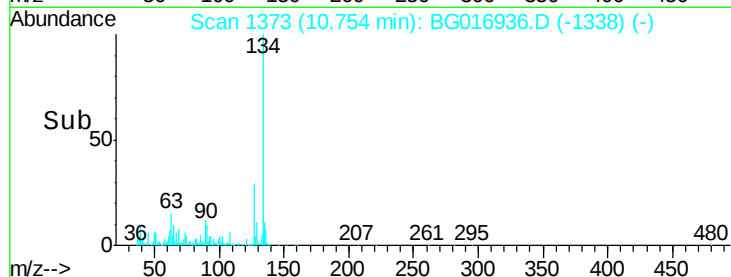
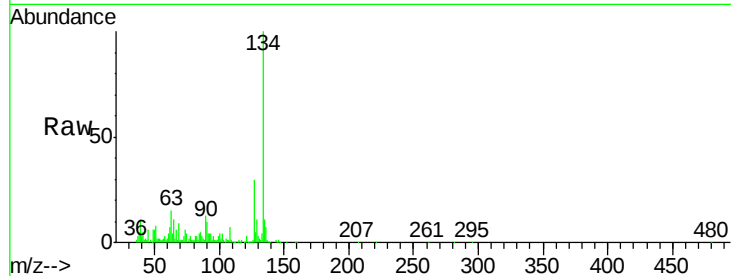
#33
4-Chloroaniline
Concen: 6.59 ng/ml
RT: 10.75 min Scan# 1373
Delta R.T. 0.01 min
Lab File: BG016936.D
Acq: 8 May 2015 00:43

Instrument :
BNA_G
ClientSampleId :
DBMW-02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		49051		
129	37.8	25.8	38.6		
65	36.9	28.2	42.2		
92	15.2	15.6	23.4		

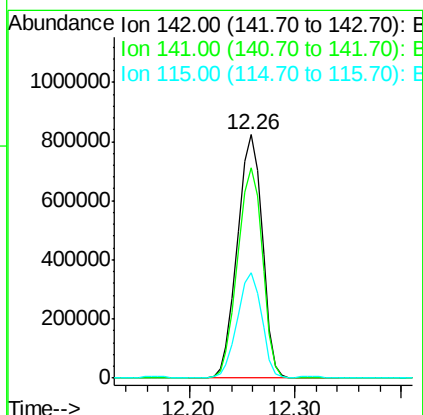
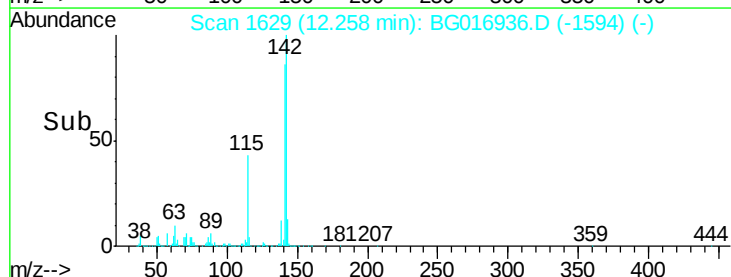
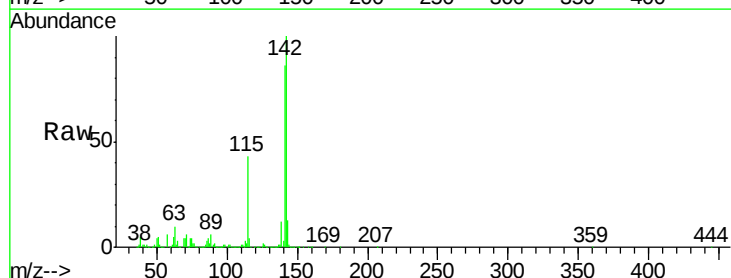
Manual Integrations
APPROVED

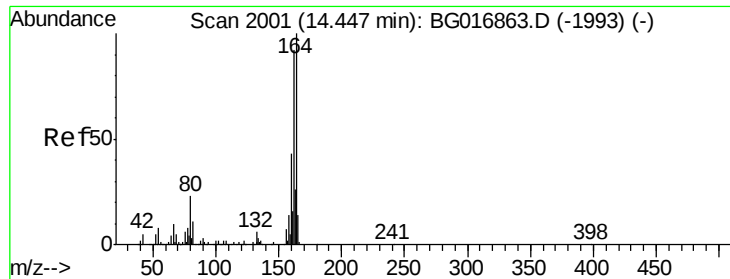
apatel
5/8/2015 5:08:36 PM



#37
2-Methylnaphthalene
Concen: 109.25 ng
RT: 12.26 min Scan# 1629
Delta R.T. 0.01 min
Lab File: BG016936.D
Acq: 8 May 2015 00:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
142	100		1340563		
141	86.4	69.9	104.9		
115	43.0	29.8	44.8		





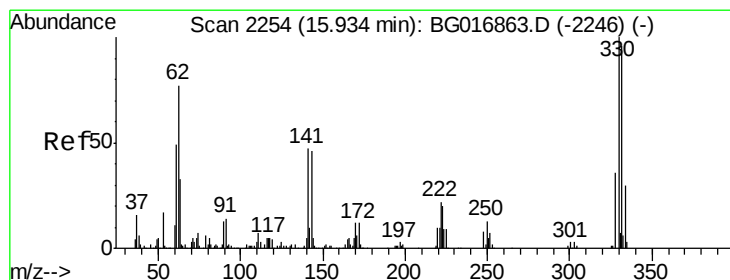
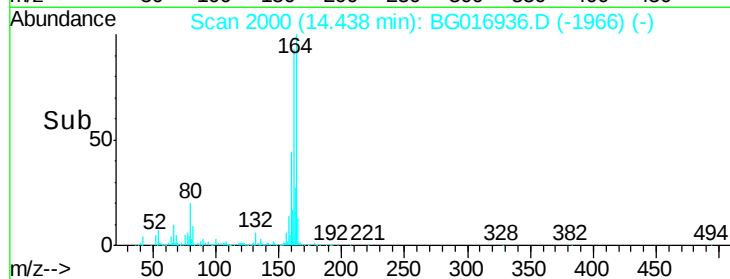
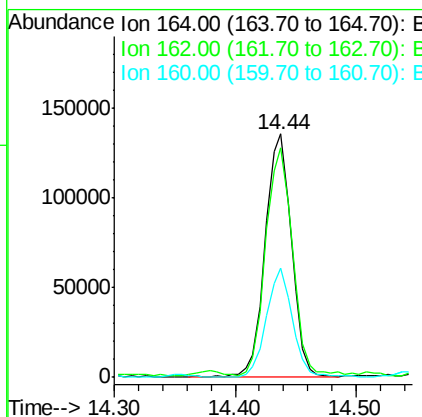
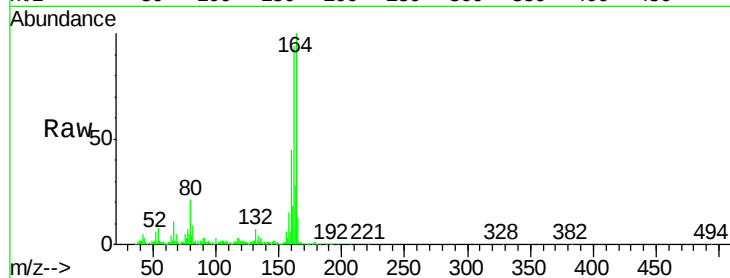
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.44 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG016936.D
Acq: 8 May 2015 00:43

Instrument :
BNA_G
ClientSampleId :
DBMW-02

Tot Ion	Ratio	Lower	Upper
164	100		
162	94.4	74.0	111.0
160	44.8	34.7	52.1

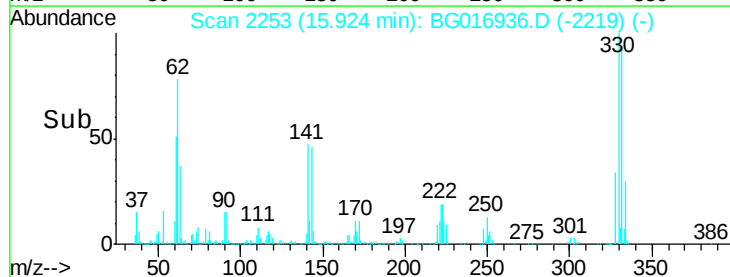
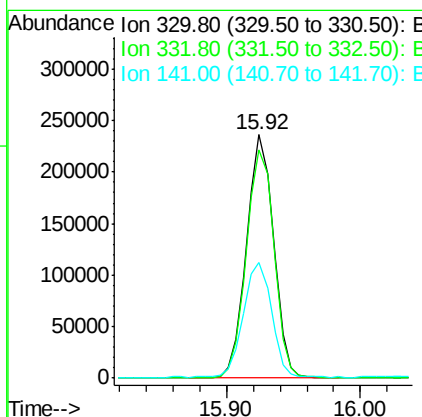
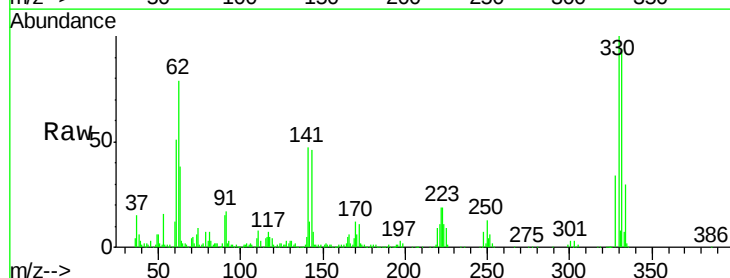
Manual Integrations
APPROVED

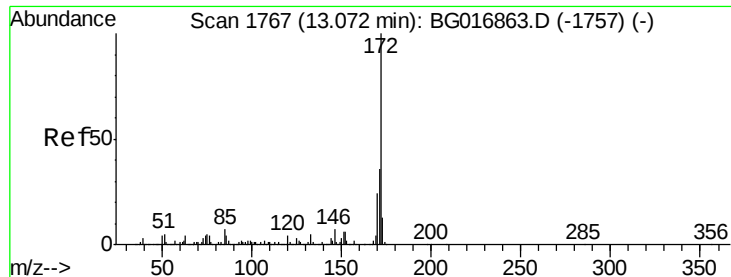
apatel
5/8/2015 5:08:36 PM



#41
2,4,6-Tribromophenol
Concen: 161.84 ng
RT: 15.92 min Scan# 2253
Delta R.T. 0.00 min
Lab File: BG016936.D
Acq: 8 May 2015 00:43

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	49.3	0.0	0.0#





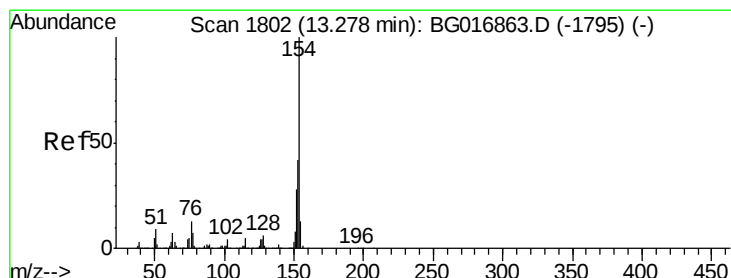
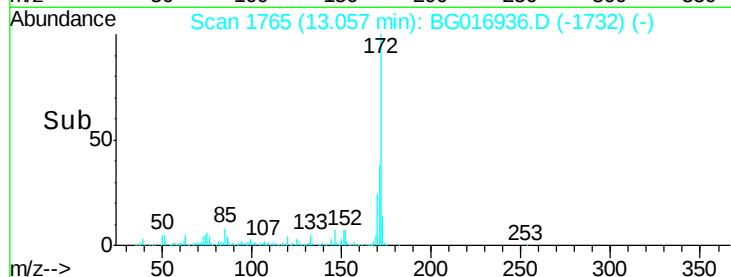
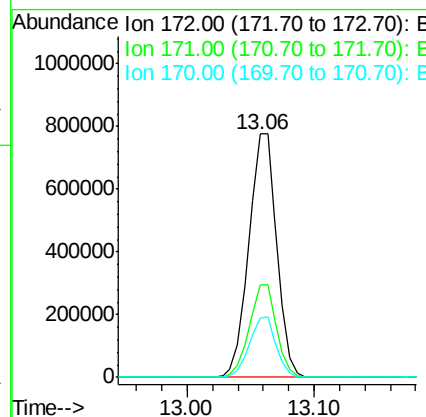
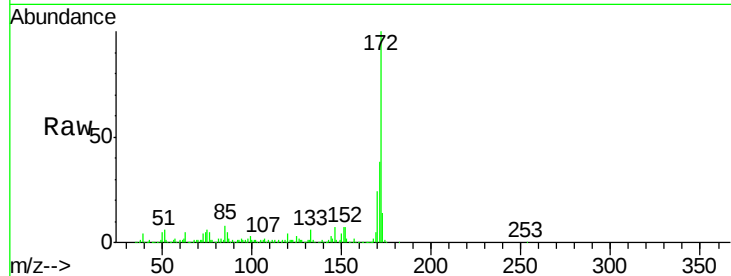
#44
2-Fluorobiphenyl
Concen: 88.13 ng
RT: 13.06 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BG016936.D
Acq: 8 May 2015 00:43

Instrument :
BNA_G
ClientSampleId :
DBMW-02

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.0	43.4
170	24.3	19.0	28.4

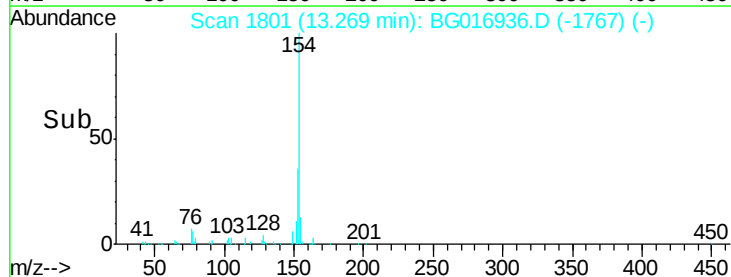
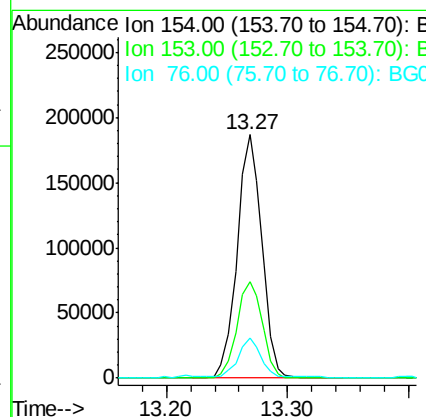
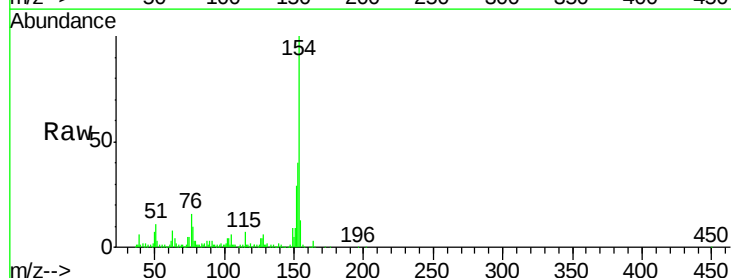
Manual Integrations
APPROVED

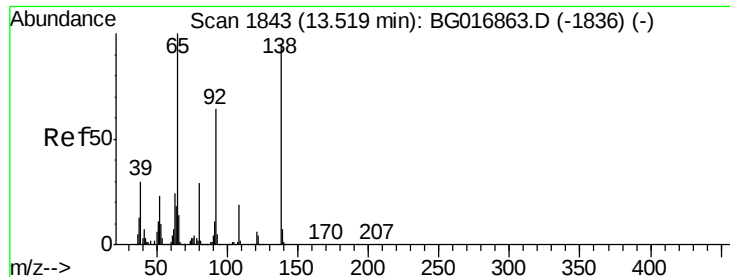
apatel
5/8/2015 5:08:36 PM



#45
1,1'-Biphenyl
Concen: 18.21 ng
RT: 13.27 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BG016936.D
Acq: 8 May 2015 00:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.9	22.0	62.0
76	16.3	0.0	33.3





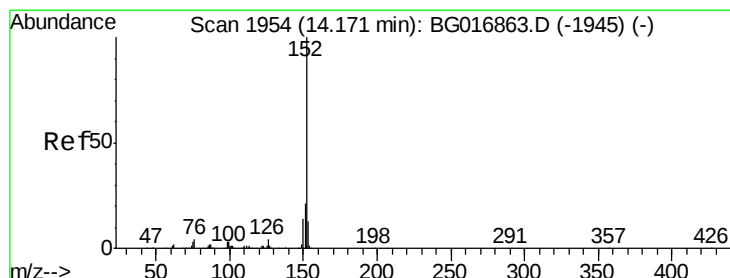
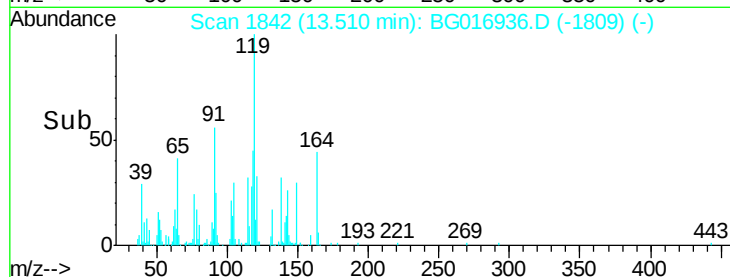
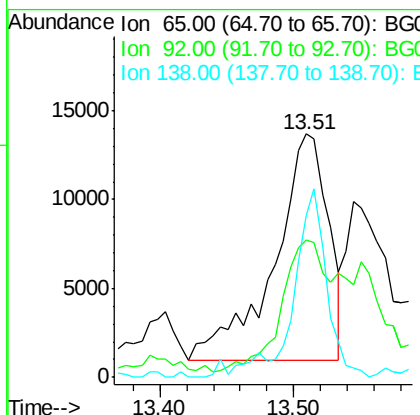
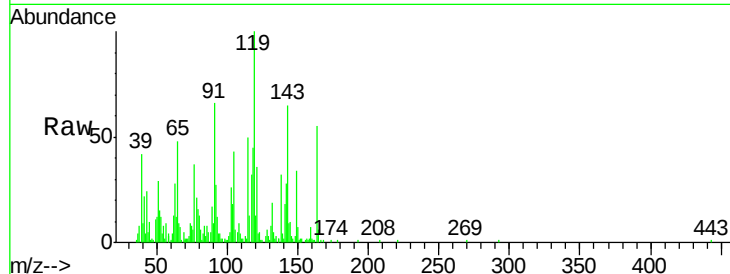
#47
2-Nitroaniline
Concen: 8.86 ng
RT: 13.51 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BG016936.D
Acq: 8 May 2015 00:43

Instrument :
BNA_G
ClientSampleId :
DBMW-02

Tot Ion	Ratio	Lower	Upper
65	100		
92	56.5	51.0	76.6
138	66.2	76.2	114.2

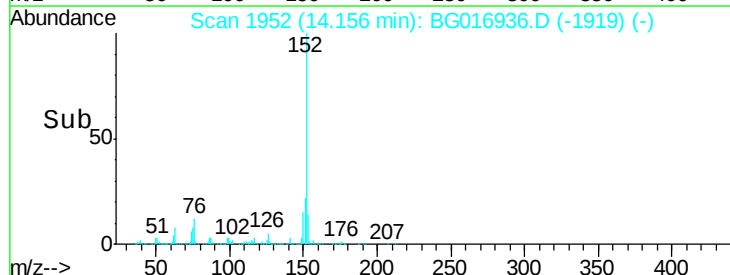
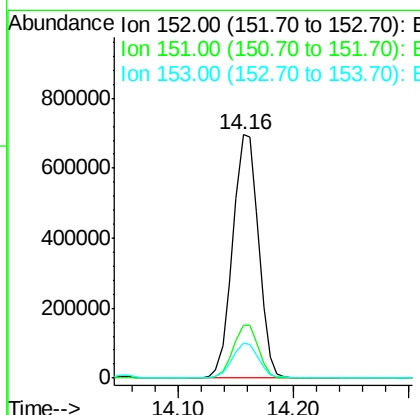
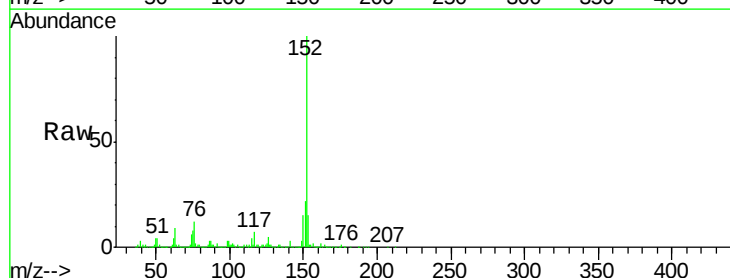
Manual Integrations
APPROVED

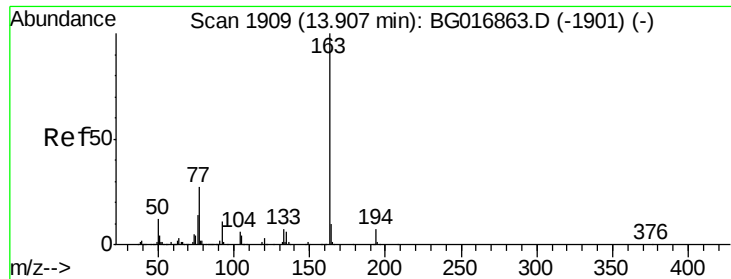
apatel
5/8/2015 5:08:36 PM



#48
Acenaphthylene
Concen: 53.49 ng
RT: 14.16 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BG016936.D
Acq: 8 May 2015 00:43

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.7	17.0	25.4
153	14.6	10.7	16.1





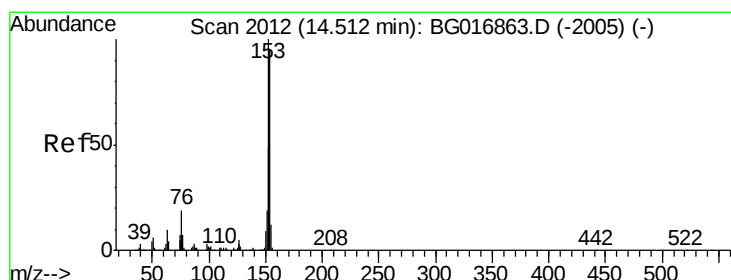
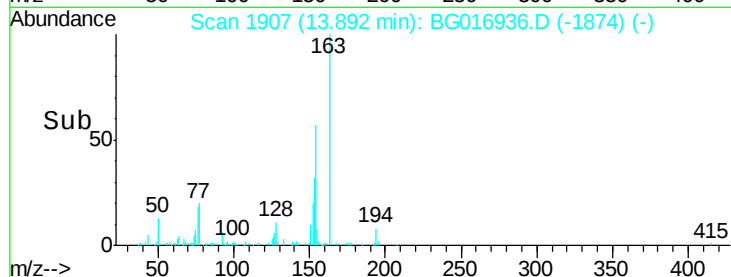
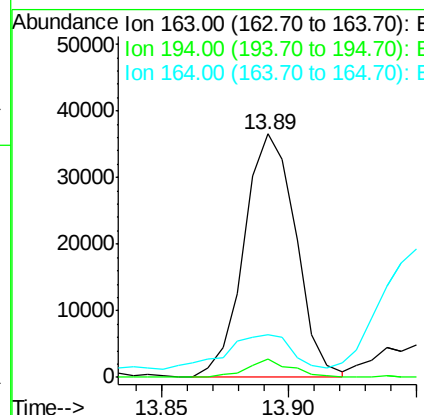
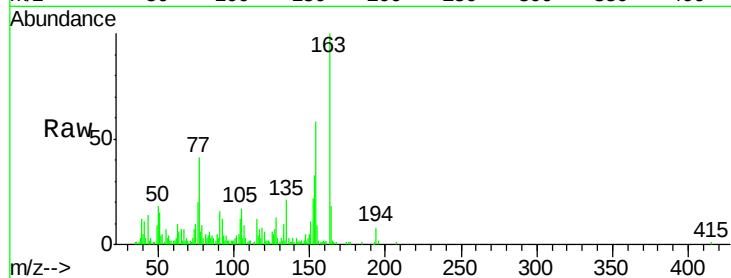
#49
Dimethylphthalate
Concen: 3.43 ng
RT: 13.89 min Scan# 1907
Delta R.T. -0.01 min
Lab File: BG016936.D
Acq: 8 May 2015 00:43

Instrument :
BNA_G
ClientSampleId :
DBMW-02

Tot Ion	Ratio	Lower	Upper
163	100		
194	7.6	5.2	7.8
164	17.6	8.4	12.6

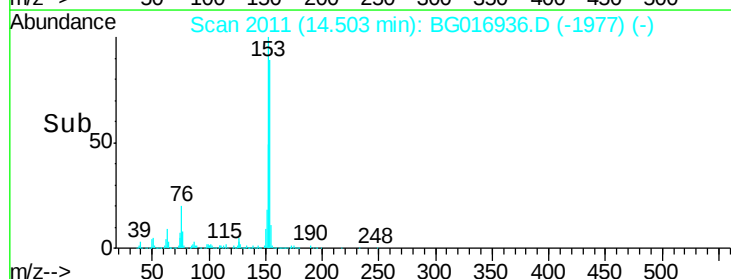
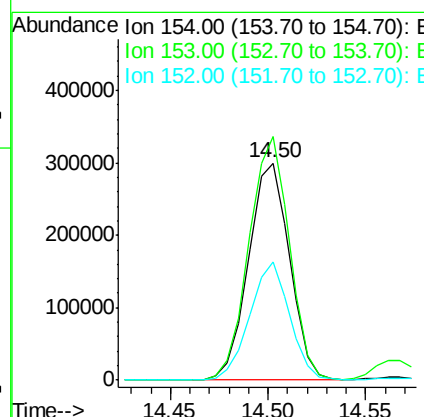
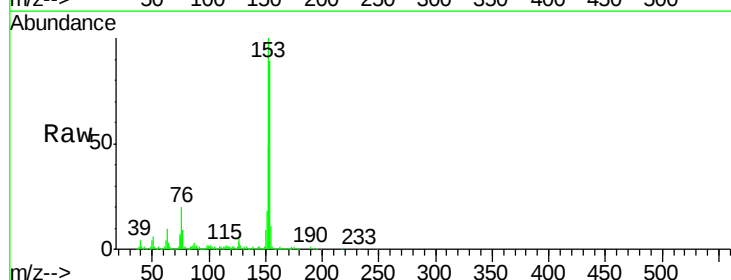
Manual Integrations
APPROVED

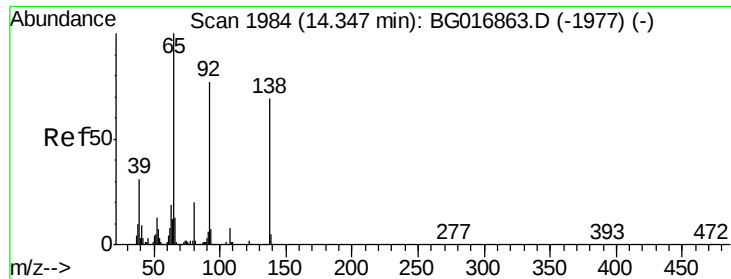
apatel
5/8/2015 5:08:36 PM



#51
Acenaphthene
Concen: 36.47 ng
RT: 14.50 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG016936.D
Acq: 8 May 2015 00:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.0	84.2	126.4
152	54.4	40.2	60.2





#52

3-Nitroaniline

Concen: 4.01 ng

RT: 14.34 min Scan# 1983

Delta R.T. -0.01 min

Lab File: BG016936.D

Acq: 8 May 2015 00:43

Instrument :

BNA_G

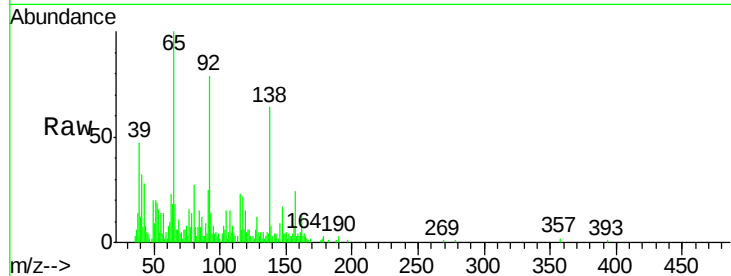
ClientSampleId :

DBMW-02

Tot Ion	Ratio	Lower	Upper
138	100		
108	23.7	9.5	14.3#
92	122.2	89.6	134.4

Manual Integrations
APPROVED

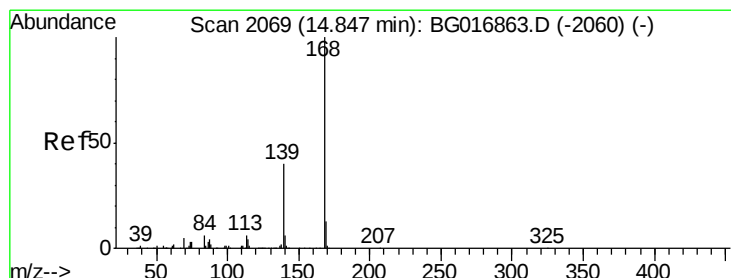
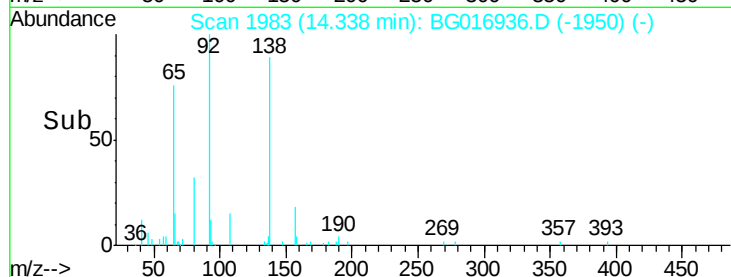
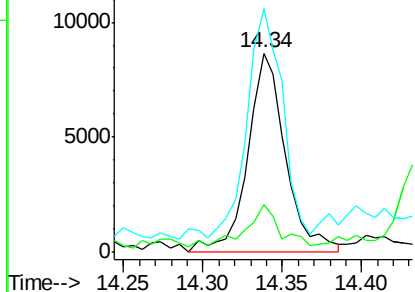
apatel
5/8/2015 5:08:36 PM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): B



#54

Dibenzofuran

Concen: 4.24 ng

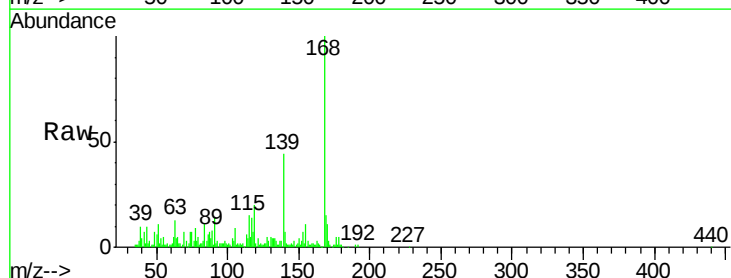
RT: 14.83 min Scan# 2067

Delta R.T. -0.01 min

Lab File: BG016936.D

Acq: 8 May 2015 00:43

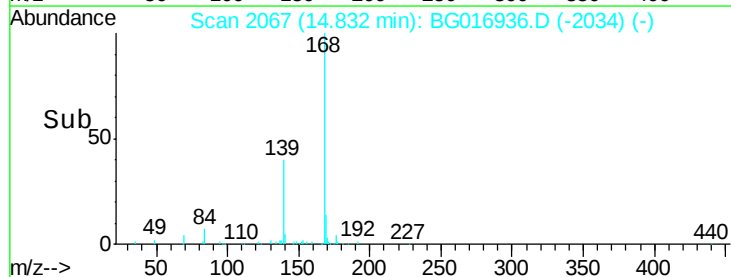
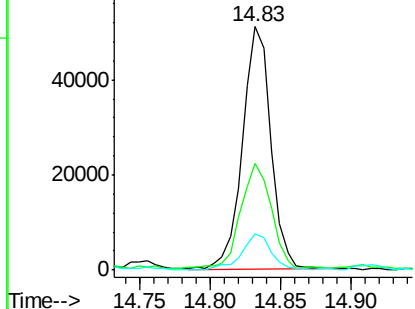
Tgt Ion	Ratio	Lower	Upper
168	100		
139	43.7	32.5	48.7
169	14.8	10.4	15.6

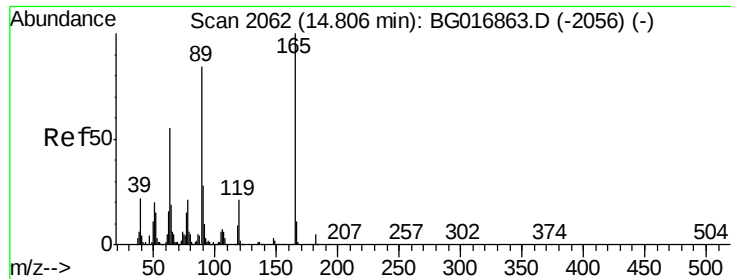


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#56

2,4-Dinitrotoluene

Concen: 2.58 ng

RT: 14.80 min Scan# 2061

Delta R.T. -0.01 min

Lab File: BG016936.D

Acq: 8 May 2015 00:43

Instrument :

BNA_G

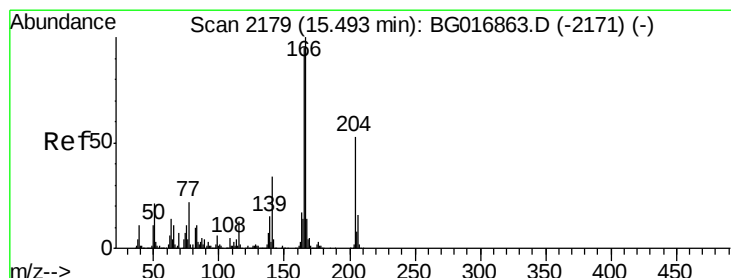
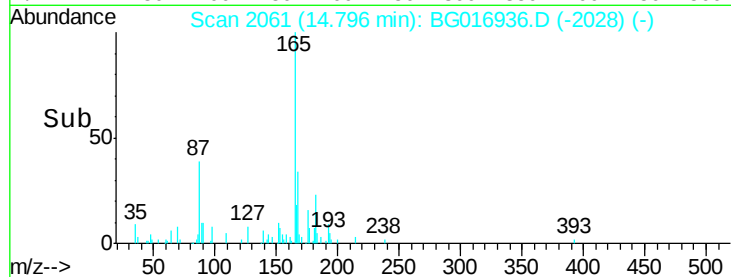
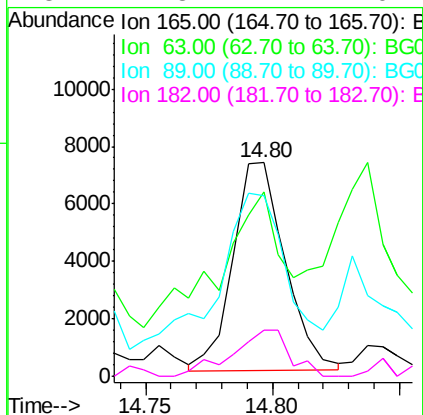
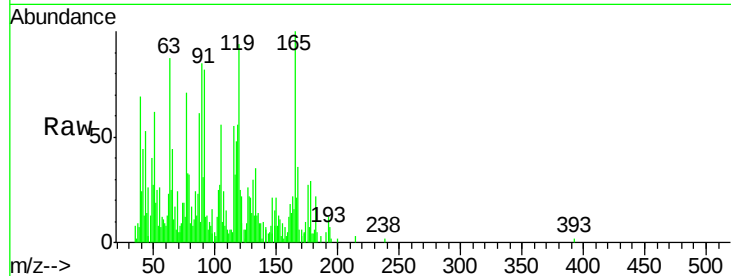
ClientSampleId :

DBMW-02

Tot Ion:	165	Resp:	10413
Ion Ratio	Lower	Upper	
165	100		
63	86.6	44.2	66.4#
89	84.5	67.2	100.8
182	21.8	4.2	6.4#

Manual Integrations
APPROVED

apatel
5/8/2015 5:08:36 PM



#57

Fluorene

Concen: 17.77 ng

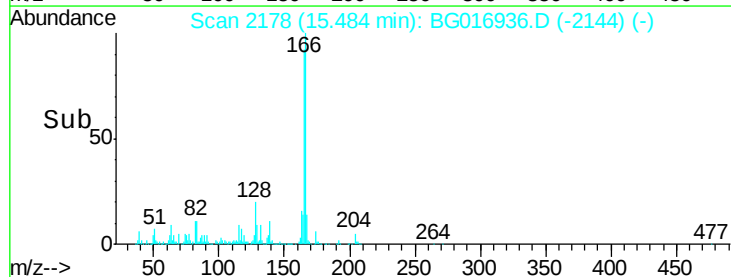
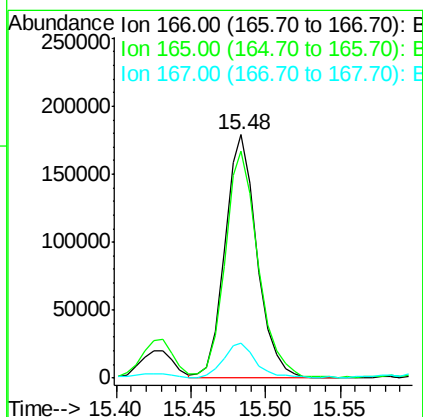
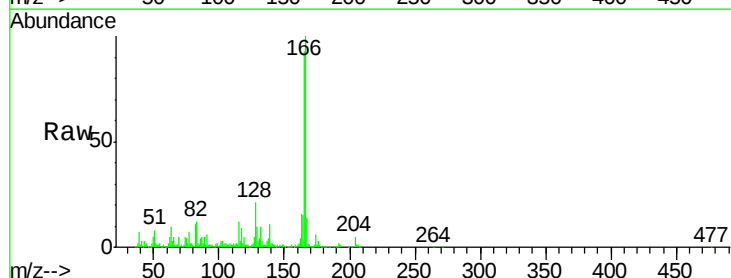
RT: 15.48 min Scan# 2178

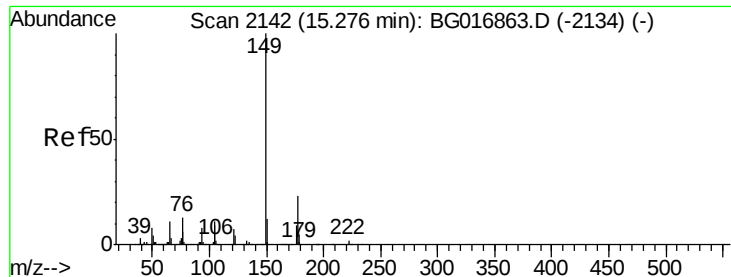
Delta R.T. 0.00 min

Lab File: BG016936.D

Acq: 8 May 2015 00:43

Tgt Ion:	166	Resp:	267005
Ion Ratio	Lower	Upper	
166	100		
165	93.0	76.1	114.1
167	14.3	11.4	17.2





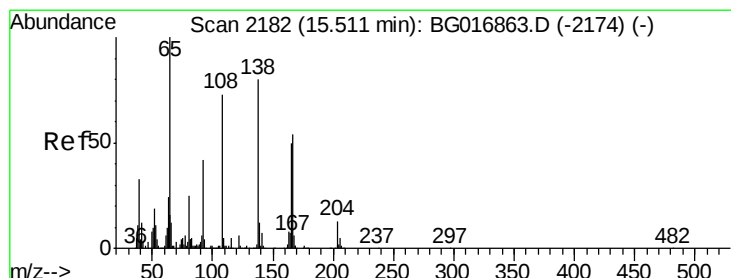
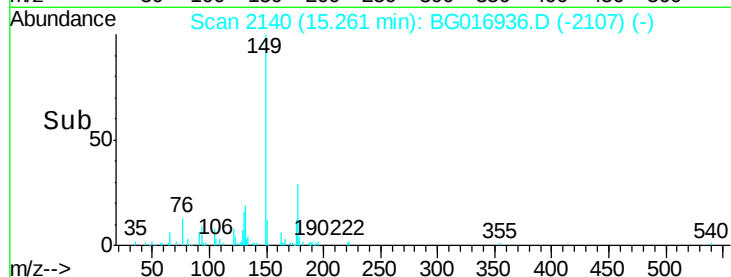
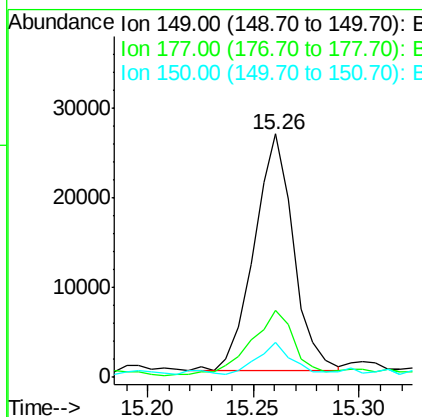
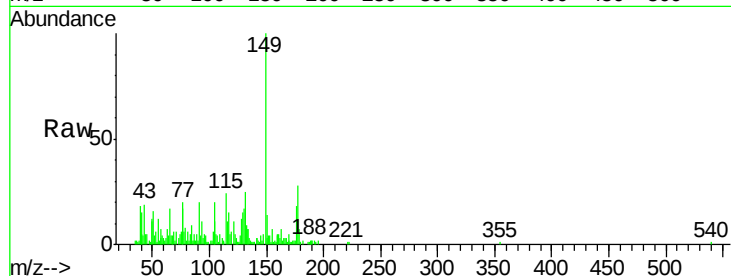
#59
Diethylphthalate
Concen: 2.12 ng
RT: 15.26 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BG016936.D
Acq: 8 May 2015 00:43

Instrument :
BNA_G
ClientSampleId :
DBMW-02

Tot Ion	Ratio	Lower	Upper
149	100		
177	27.6	18.6	27.8
150	14.3	9.8	14.8

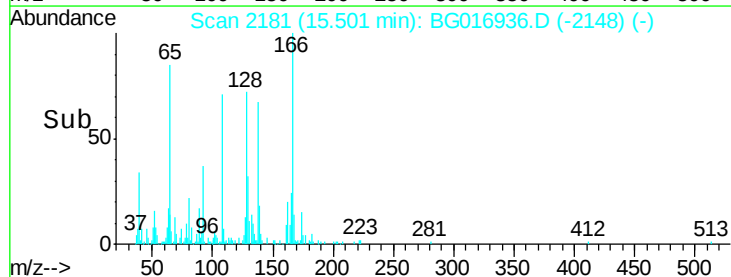
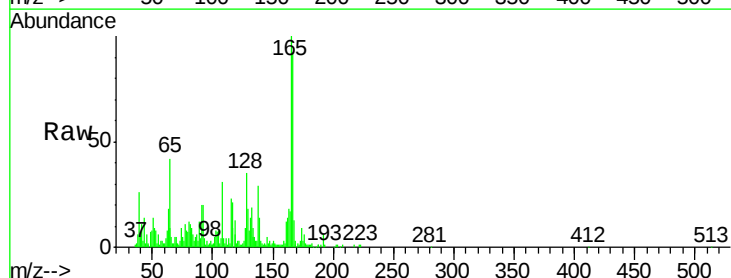
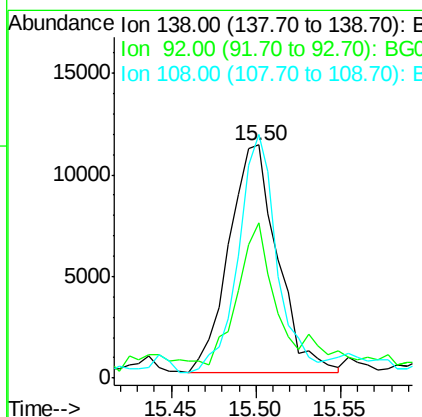
Manual Integrations
APPROVED

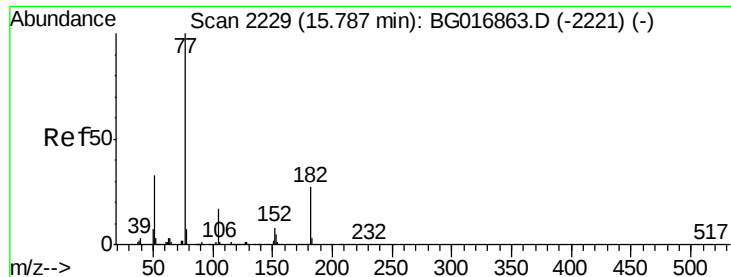
apatel
5/8/2015 5:08:36 PM



#61
4-Nitroaniline
Concen: 5.41 ng
RT: 15.50 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BG016936.D
Acq: 8 May 2015 00:43

Tgt Ion	Ratio	Lower	Upper
138	100		
92	66.7	31.8	71.8
108	104.5	70.6	110.6





#62

Azobenzene

Concen: 2.15 ng

RT: 15.77 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BG016936.D

Acq: 8 May 2015 00:43

Instrument :

BNA_G

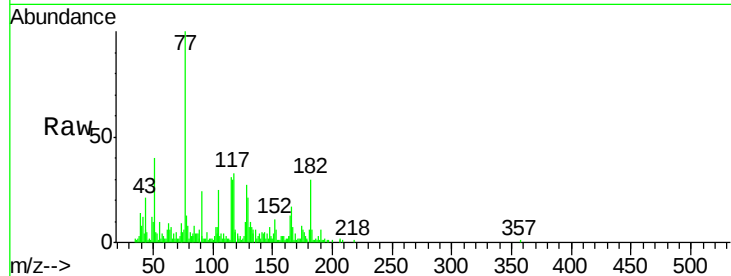
ClientSampleId :

DBMW-02

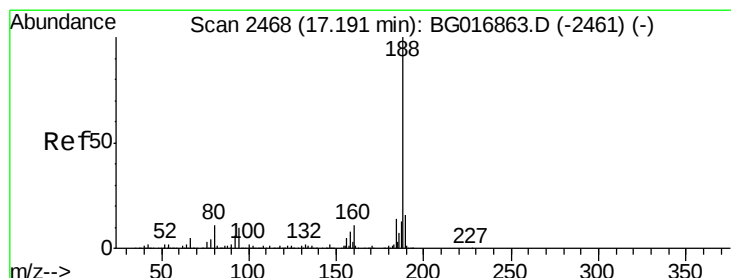
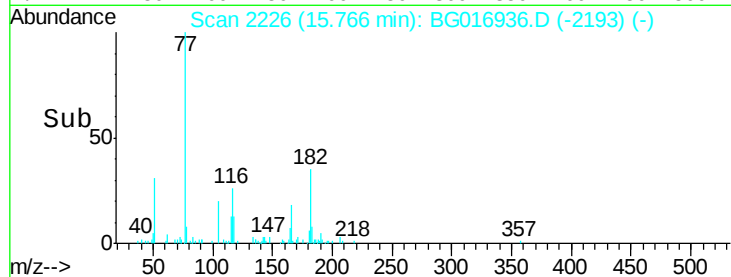
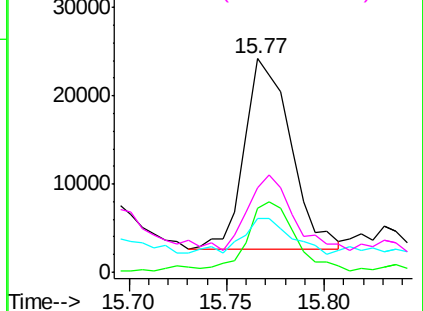
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		35766		
182	29.8	7.4	47.4		
105	25.3	0.0	36.6		
51	39.7	13.4	53.4		

Manual Integrations
APPROVED

apatel
5/8/2015 5:08:36 PM



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

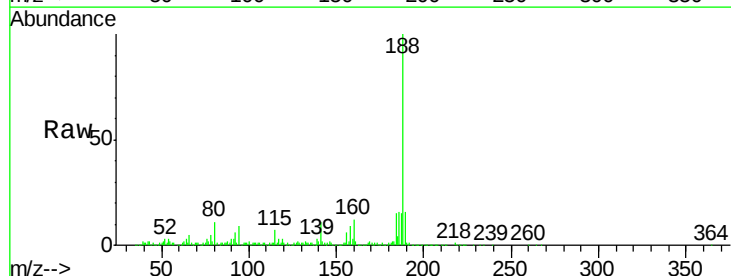
RT: 17.18 min Scan# 2467

Delta R.T. 0.00 min

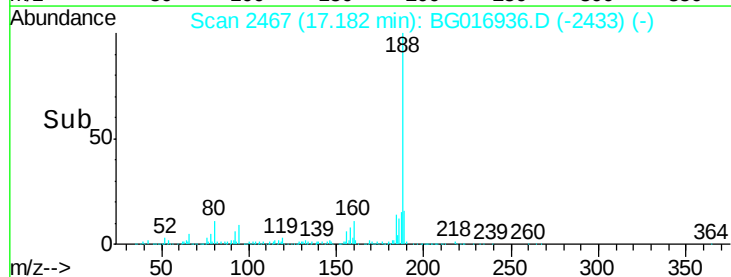
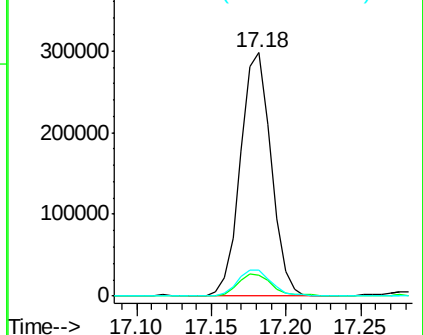
Lab File: BG016936.D

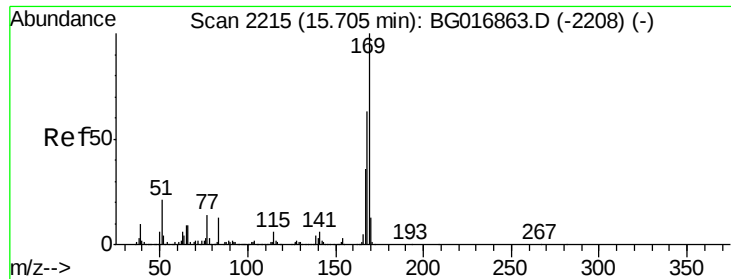
Acq: 8 May 2015 00:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		422773		
94	8.8	8.2	12.4		
80	10.7	8.8	13.2		



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





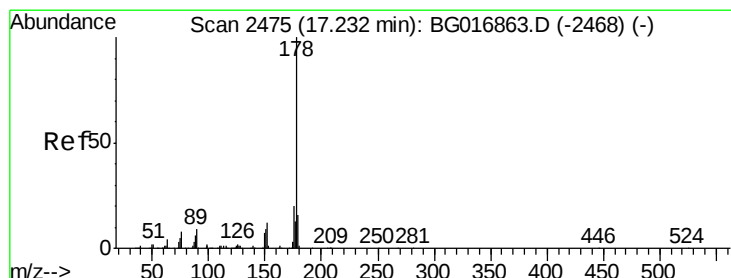
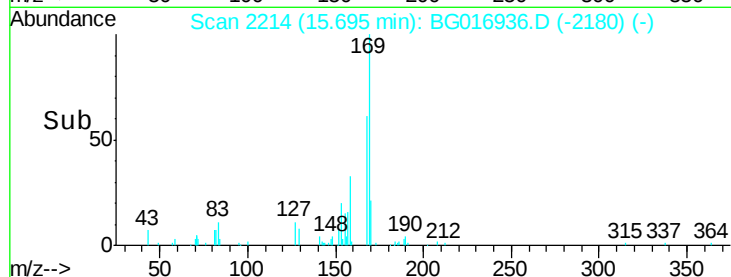
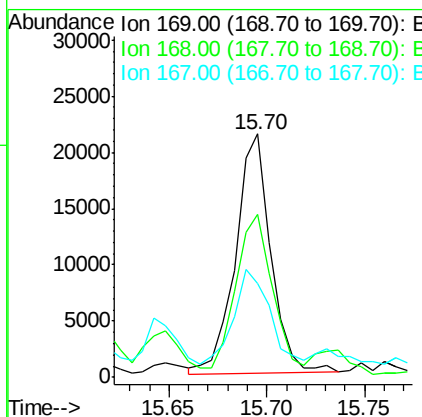
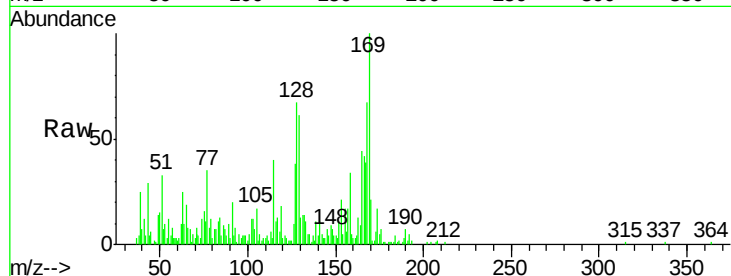
#65
n-Nitrosodiphenylamine
Concen: 2.06 ng
RT: 15.70 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BG016936.D
Acq: 8 May 2015 00:43

Instrument :
BNA_G
ClientSampleId :
DBMW-02

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.2	50.6	76.0
167	38.6	29.0	43.4

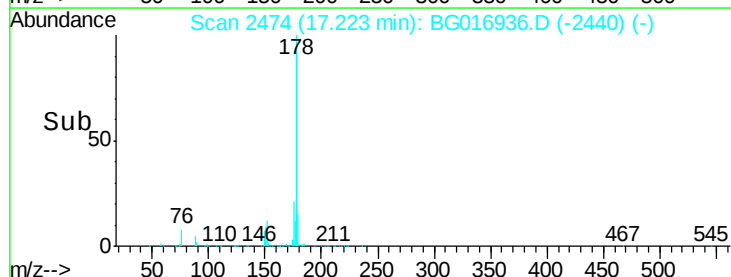
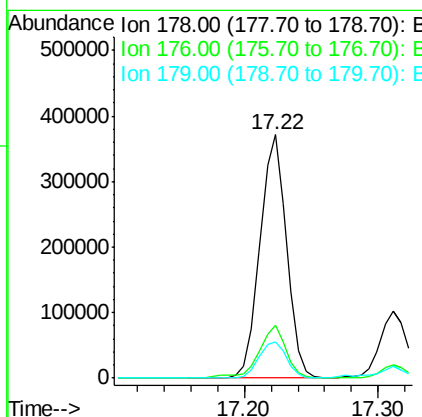
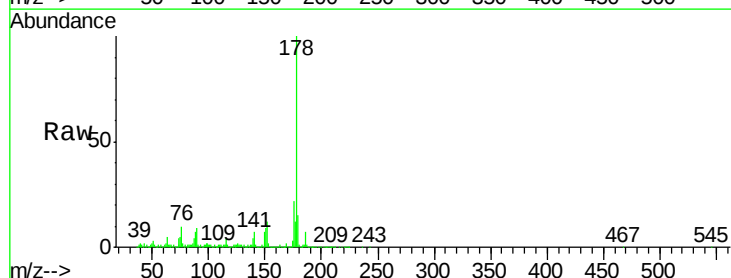
Manual Integrations
APPROVED

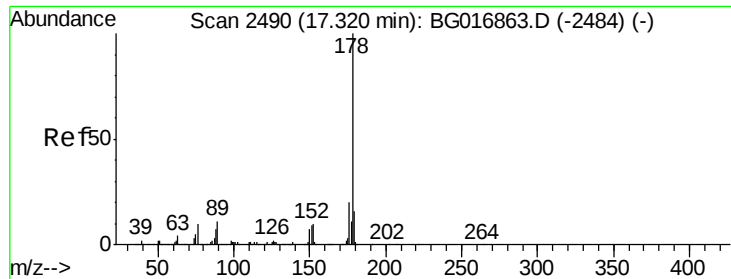
apatel
5/8/2015 5:08:36 PM



#70
Phenanthrene
Concen: 23.31 ng
RT: 17.22 min Scan# 2474
Delta R.T. 0.00 min
Lab File: BG016936.D
Acq: 8 May 2015 00:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.5	16.0	24.0
179	15.1	13.0	19.6





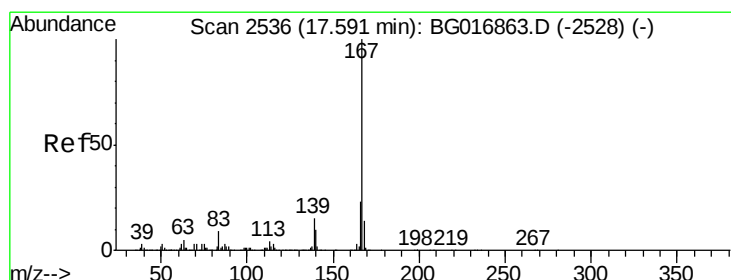
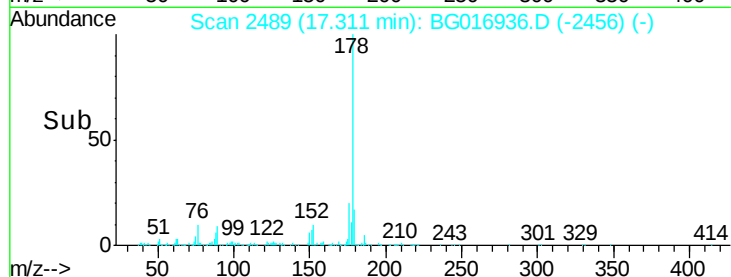
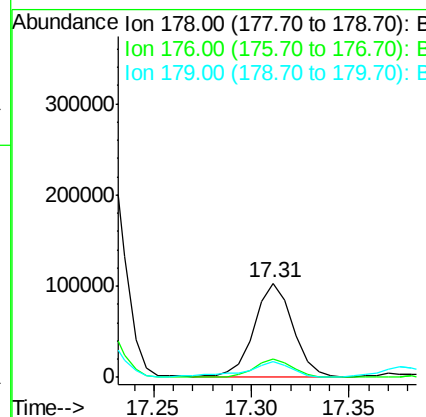
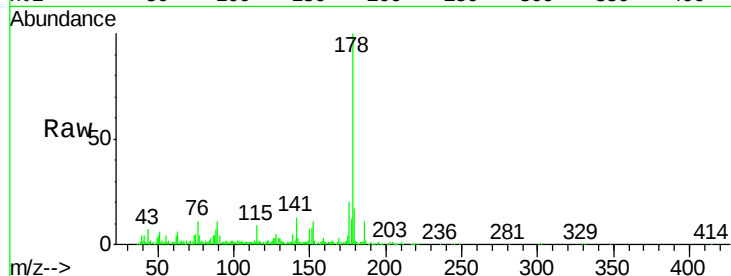
#71
 Anthracene
 Concen: 6.36 ng
 RT: 17.31 min Scan# 2489
 Delta R.T. -0.01 min
 Lab File: BG016936.D
 Acq: 8 May 2015 00:43

Instrument :
 BNA_G
 ClientSampleId :
 DBMW-02

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.4
179	17.2	13.1	19.7

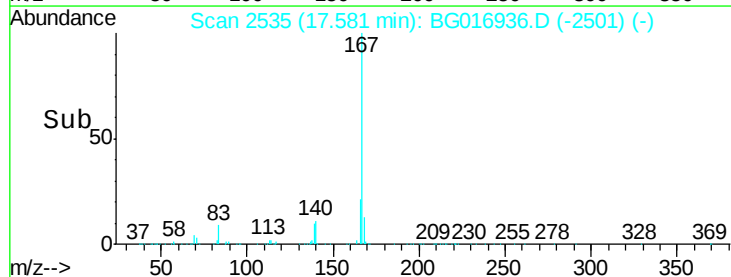
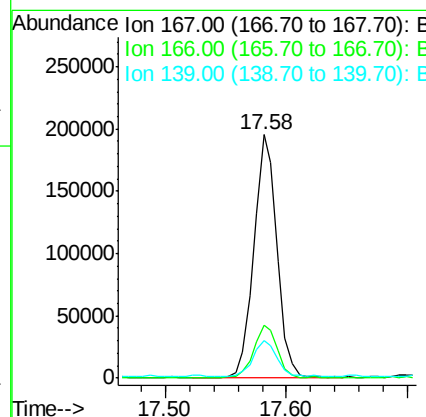
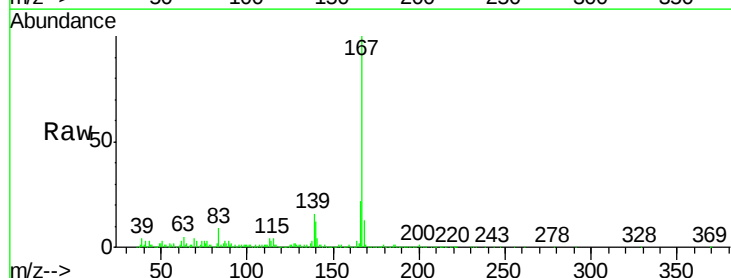
Manual Integrations
 APPROVED

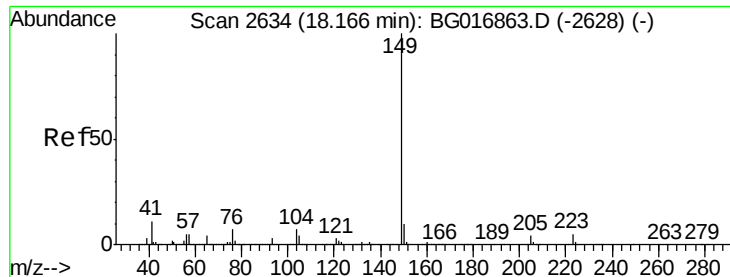
apatel
 5/8/2015 5:08:36 PM



#72
 Carbazole
 Concen: 12.40 ng
 RT: 17.58 min Scan# 2535
 Delta R.T. 0.00 min
 Lab File: BG016936.D
 Acq: 8 May 2015 00:43

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.4	27.6
139	15.6	12.2	18.4





#73

Di-n-butylphthalate

Concen: 2.04 ng

RT: 18.15 min Scan# 2632

Delta R.T. 0.00 min

Lab File: BG016936.D

Acq: 8 May 2015 00:43

Instrument :

BNA_G

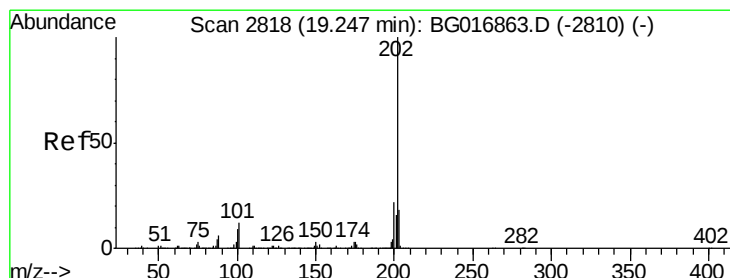
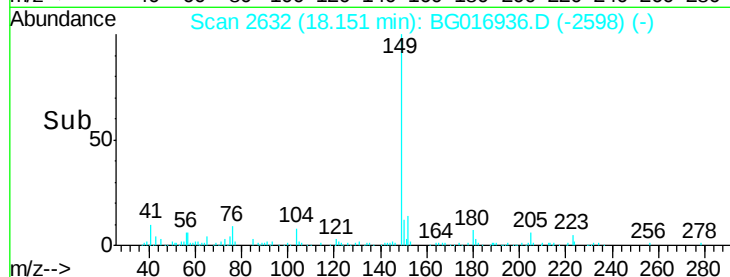
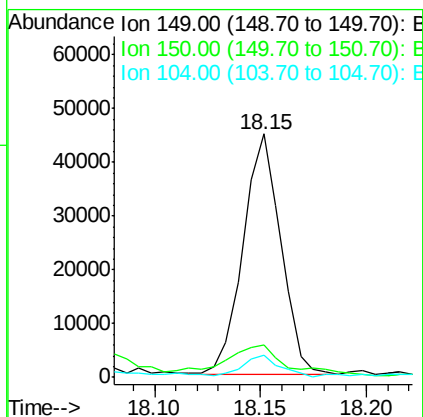
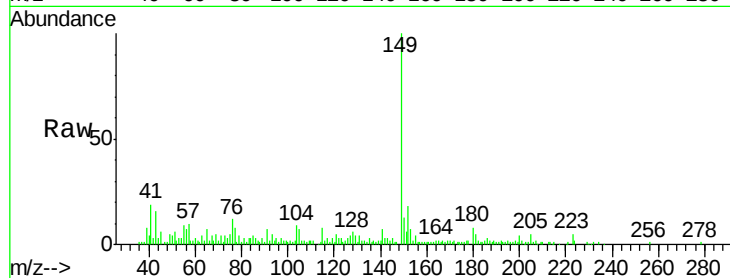
ClientSampleId :

DBMW-02

Tot Ion:	149	Resp:	55106
Ion Ratio	Lower	Upper	
149	100		
150	13.1	7.7	11.5#
104	9.1	5.4	8.0#

Manual Integrations
APPROVED

apatel
5/8/2015 5:08:36 PM



#74

Fluoranthene

Concen: 4.49 ng

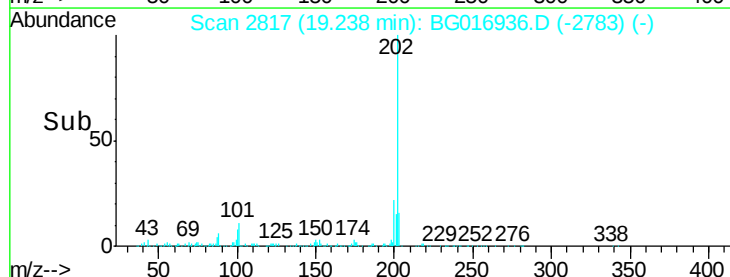
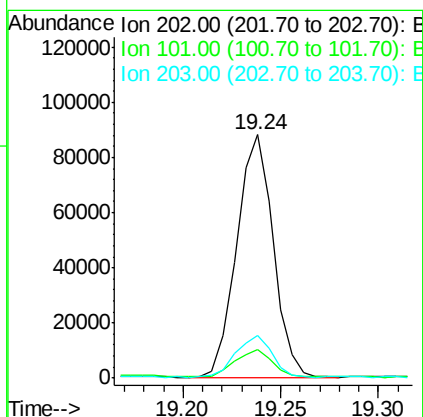
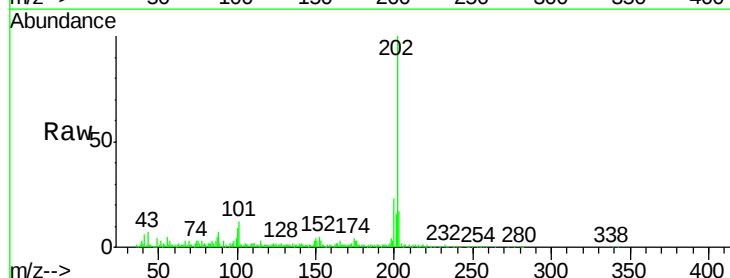
RT: 19.24 min Scan# 2817

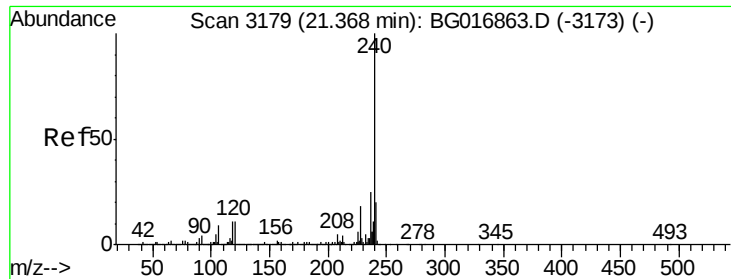
Delta R.T. 0.00 min

Lab File: BG016936.D

Acq: 8 May 2015 00:43

Tgt Ion:	202	Resp:	113419
Ion Ratio	Lower	Upper	
202	100		
101	11.6	0.0	31.5
203	17.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.36 min Scan# 3178

Delta R.T. 0.00 min

Lab File: BG016936.D

Acq: 8 May 2015 00:43

Instrument :

BNA_G

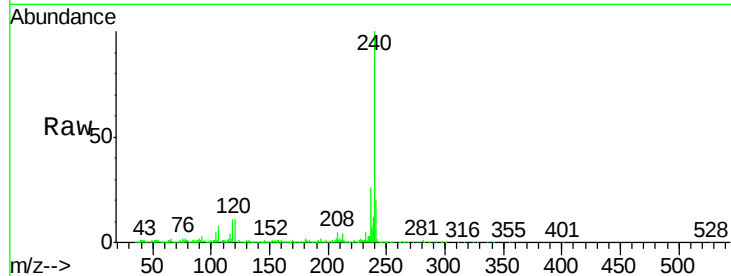
ClientSampleId :

DBMW-02

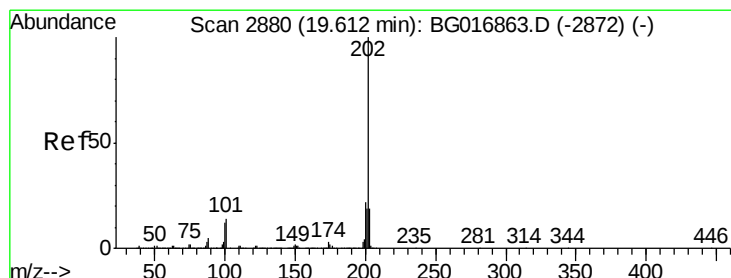
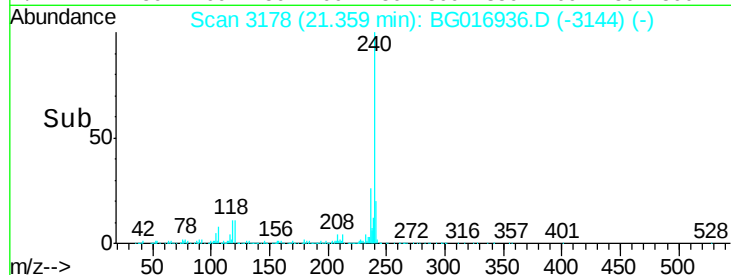
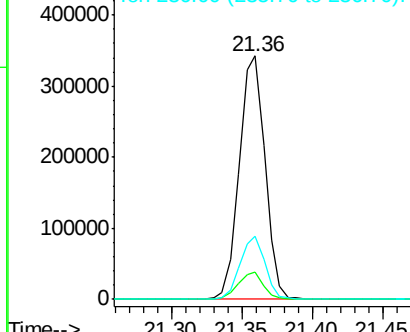
Tot Ion:	240	Resp:	433896
Ion Ratio	Lower	Upper	
240	100		
120	11.2	9.1	13.7
236	25.9	20.2	30.4

Manual Integrations
APPROVED

apatel
5/8/2015 5:08:36 PM



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 5.45 ng

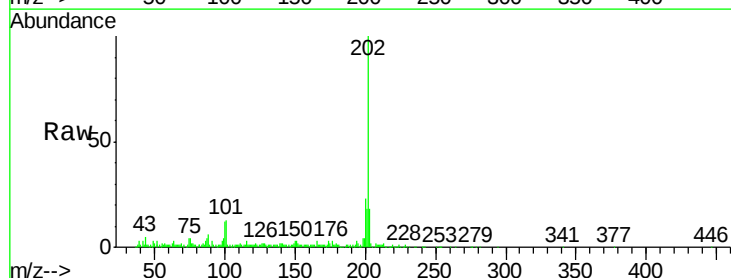
RT: 19.60 min Scan# 2878

Delta R.T. -0.01 min

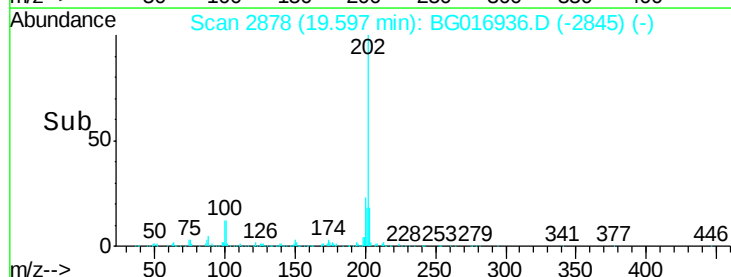
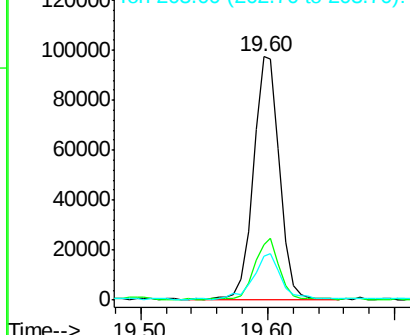
Lab File: BG016936.D

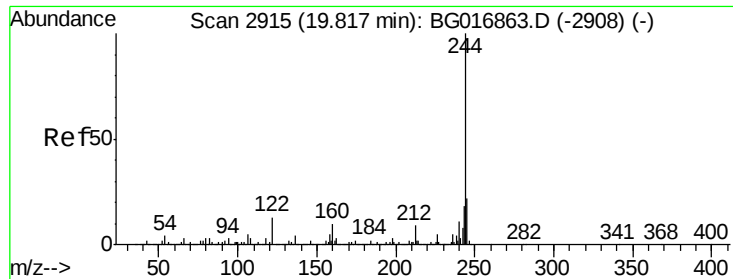
Acq: 8 May 2015 00:43

Tgt Ion:	202	Resp:	139566
Ion Ratio	Lower	Upper	
202	100		
200	22.9	17.9	26.9
203	18.0	15.2	22.8



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





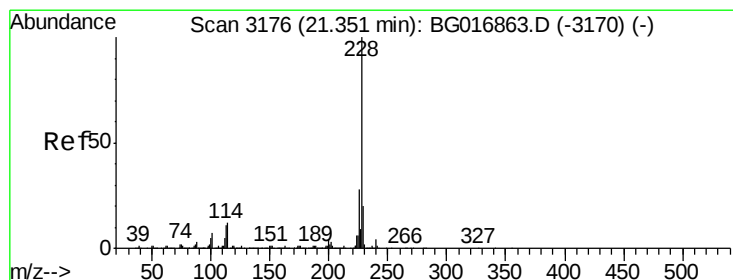
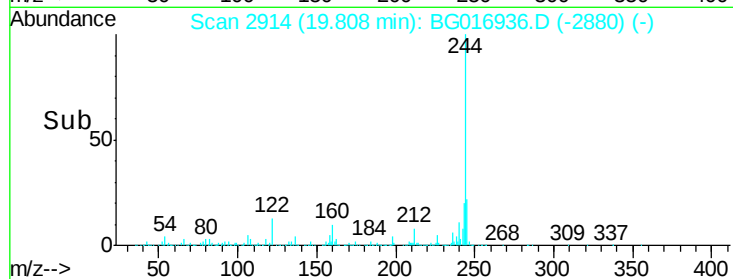
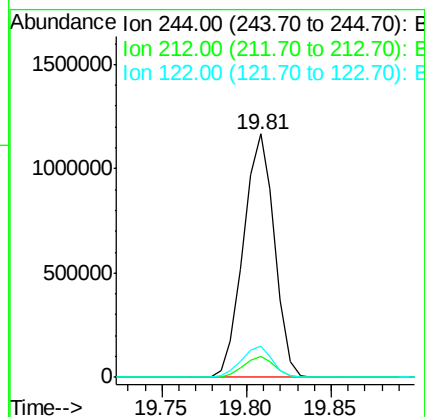
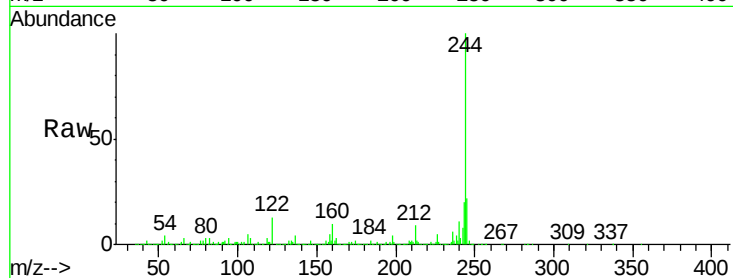
#78
 Terphenyl-d14
 Concen: 80.50 ng
 RT: 19.81 min Scan# 2914
 Delta R.T. 0.00 min
 Lab File: BG016936.D
 Acq: 8 May 2015 00:43

Instrument :
 BNA_G
 ClientSampleId :
 DBMW-02

Tot Ion:244 Resp: 1490029
 Ion Ratio Lower Upper
 244 100
 212 8.6 7.0 10.6
 122 12.7 10.4 15.6

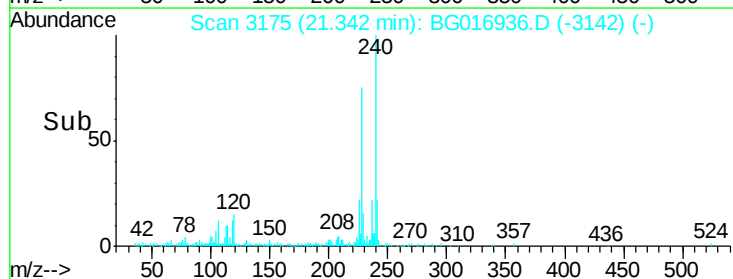
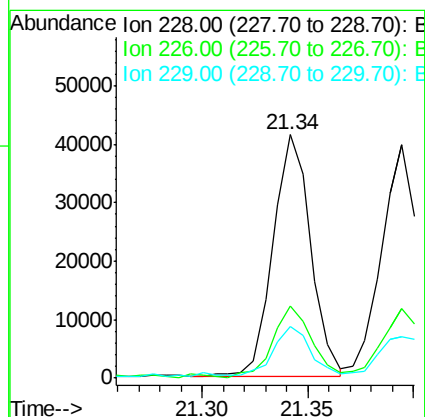
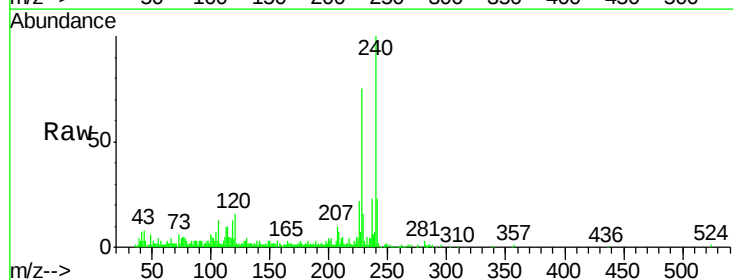
Manual Integrations
 APPROVED

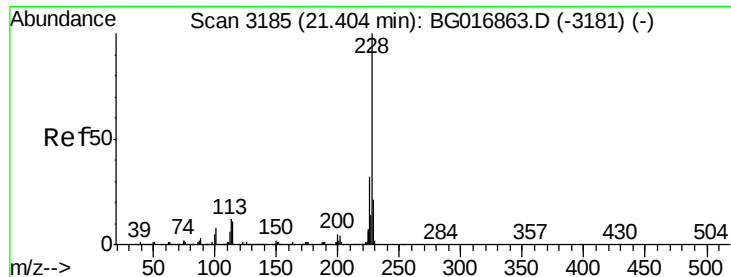
apatel
 5/8/2015 5:08:36 PM



#80
 Benzo(a)anthracene
 Concen: 2.22 ng
 RT: 21.34 min Scan# 3175
 Delta R.T. -0.01 min
 Lab File: BG016936.D
 Acq: 8 May 2015 00:43

Tgt Ion:228 Resp: 51661
 Ion Ratio Lower Upper
 228 100
 226 29.8 22.7 34.1
 229 21.3 16.1 24.1





#82

Chrysene

Concen: 2.21 ng

RT: 21.39 min Scan# 3184

Delta R.T. -0.01 min

Lab File: BG016936.D

Acq: 8 May 2015 00:43

Instrument :

BNA_G

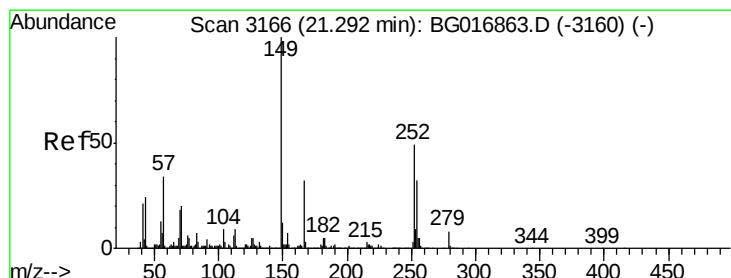
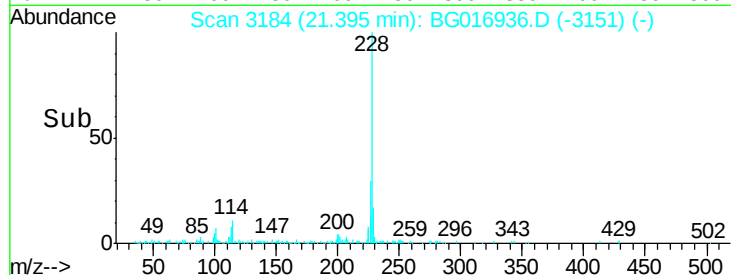
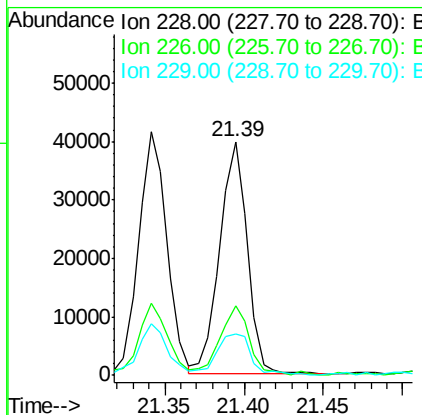
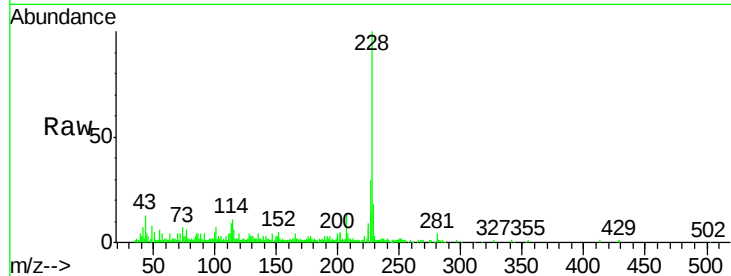
ClientSampled :

DBMW-02

Tot Ion:	228	Resp:	48178
Ion Ratio	Lower	Upper	
228	100		
226	30.0	25.4	38.0
229	17.8	16.5	24.7

Manual Integrations
APPROVED

apatel
5/8/2015 5:08:36 PM



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.23 ng

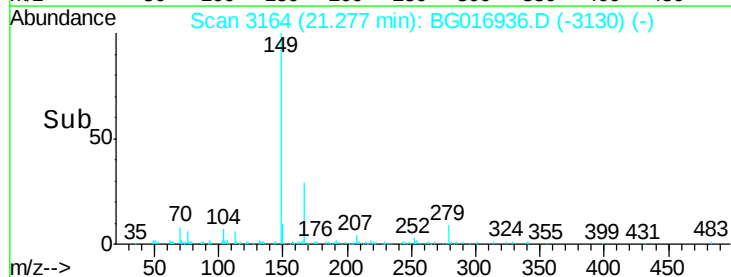
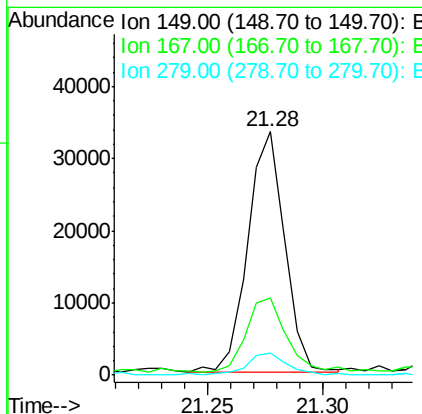
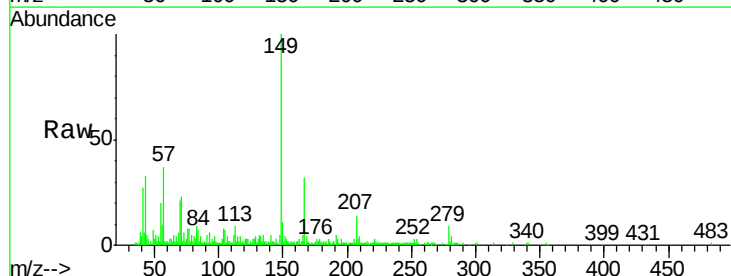
RT: 21.28 min Scan# 3164

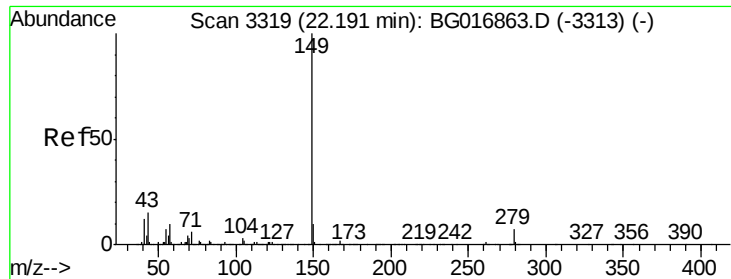
Delta R.T. 0.00 min

Lab File: BG016936.D

Acq: 8 May 2015 00:43

Tgt Ion:	149	Resp:	37103
Ion Ratio	Lower	Upper	
149	100		
167	31.6	25.4	38.0
279	9.0	6.4	9.6





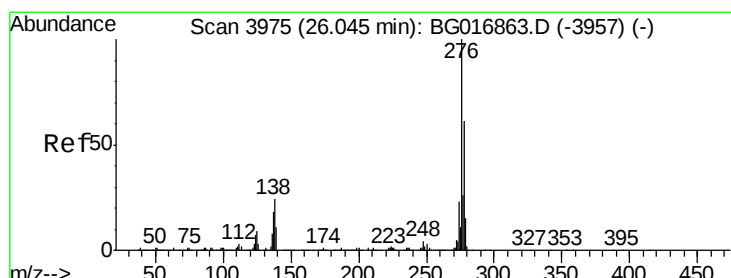
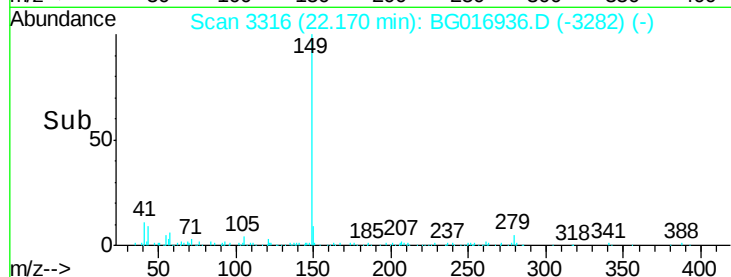
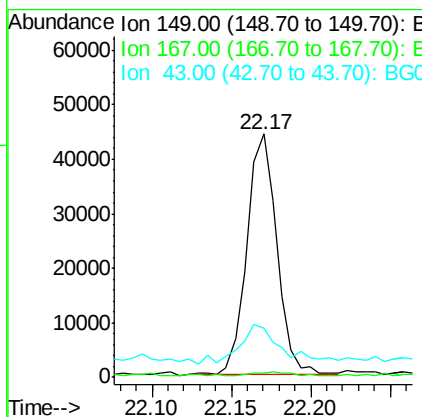
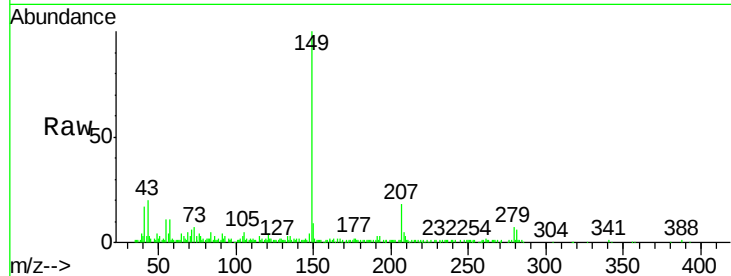
#84
Di-n-octyl phthalate
Concen: 2.08 ng
RT: 22.17 min Scan# 3316
Delta R.T. 0.00 min
Lab File: BG016936.D
Acq: 8 May 2015 00:43

Instrument :
BNA_G
ClientSampleId :
DBMW-02

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	2.1	0.0	0.0#
43	22.5	0.0	0.0#

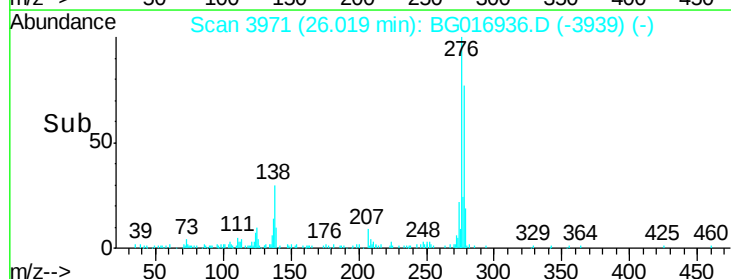
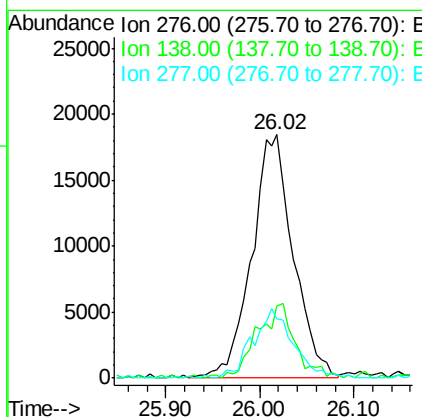
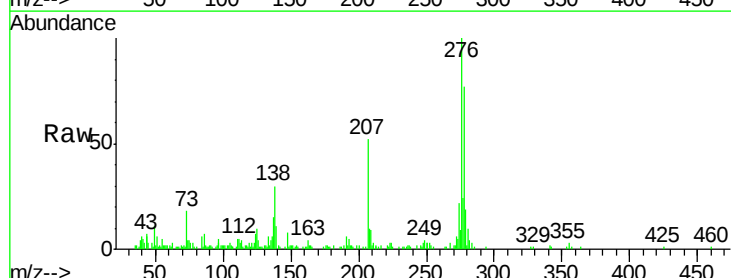
Manual Integrations
APPROVED

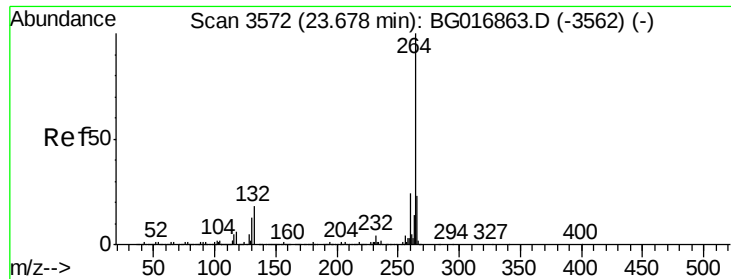
apatel
5/8/2015 5:08:36 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 2.17 ng
RT: 26.02 min Scan# 3971
Delta R.T. -0.01 min
Lab File: BG016936.D
Acq: 8 May 2015 00:43

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	28.2	0.0	0.0#
277	27.7	0.0	0.0#





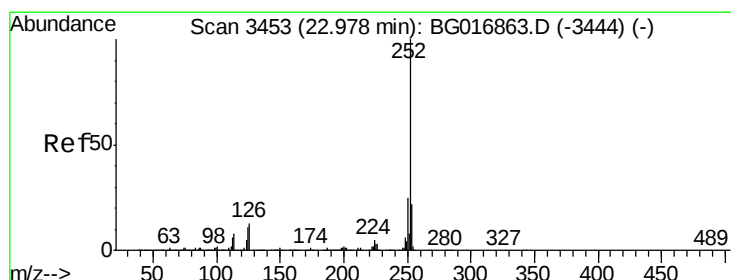
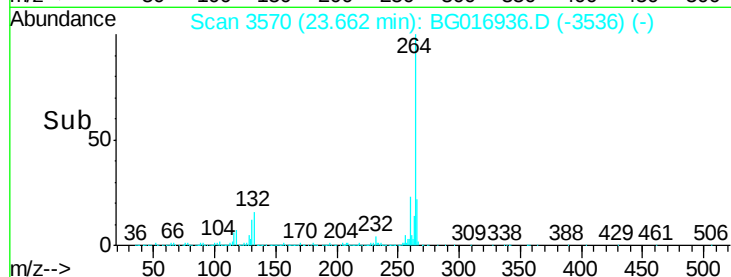
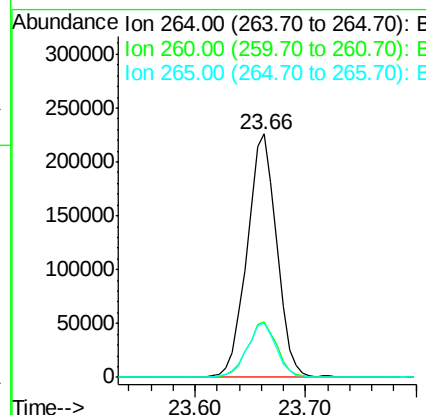
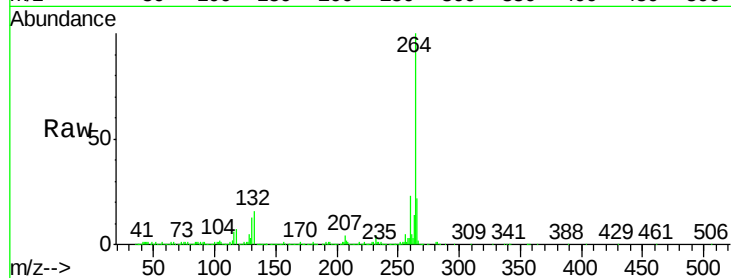
#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.66 min Scan# 3570
Delta R.T. 0.00 min
Lab File: BG016936.D
Acq: 8 May 2015 00:43

Instrument :
BNA_G
ClientSampleId :
DBMW-02

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	22.2	18.5	27.7

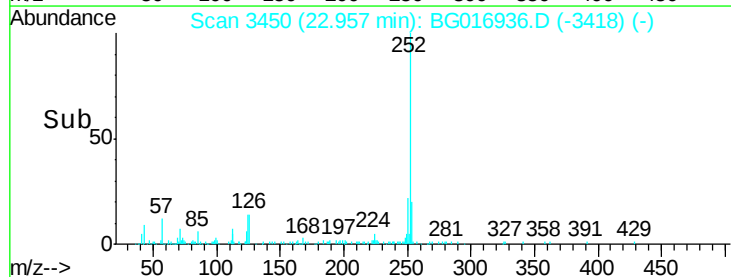
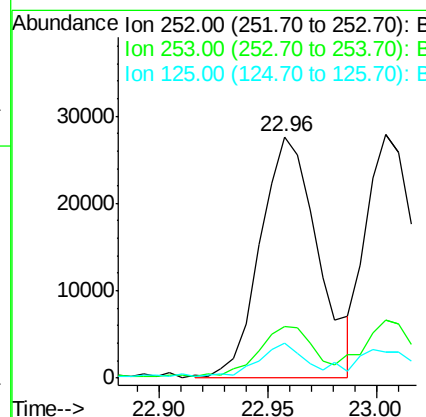
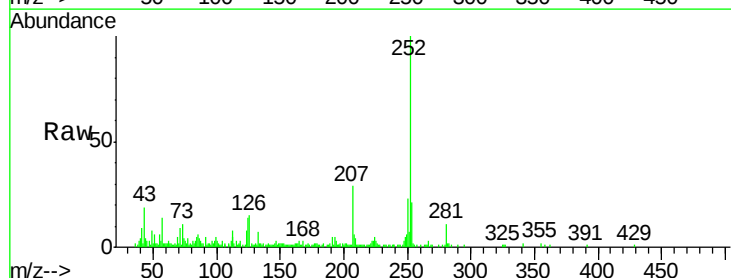
Manual Integrations
APPROVED

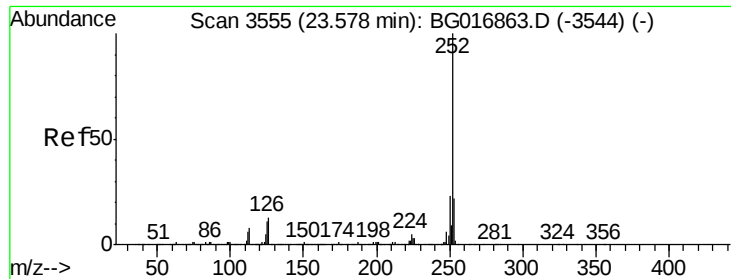
apatel
5/8/2015 5:08:36 PM



#87
Benzo(b)fluoranthene
Concen: 2.15 ng m
RT: 22.96 min Scan# 3450
Delta R.T. -0.01 min
Lab File: BG016936.D
Acq: 8 May 2015 00:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.0
125	14.3	8.6	13.0





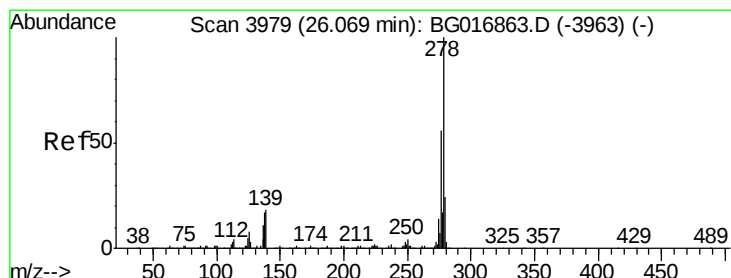
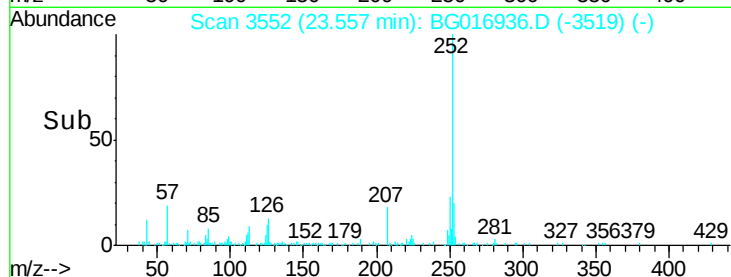
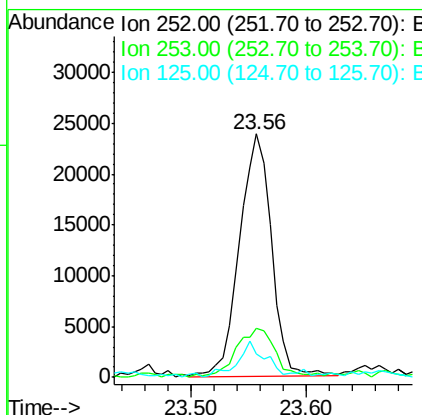
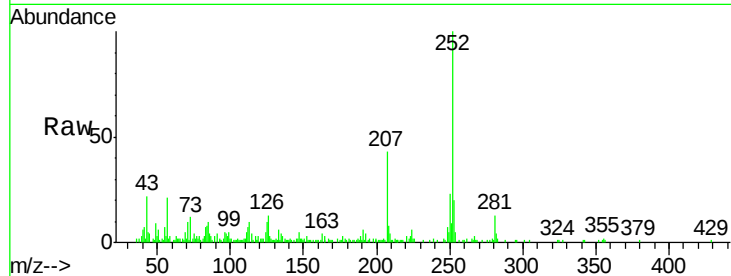
#89
Benzo(a)pyrene
Concen: 2.06 ng
RT: 23.56 min Scan# 3552
Delta R.T. -0.01 min
Lab File: BG016936.D
Acq: 8 May 2015 00:43

Instrument :
BNA_G
ClientSampleId :
DBMW-02

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.3	17.7	26.5
125	9.5	8.5	12.7

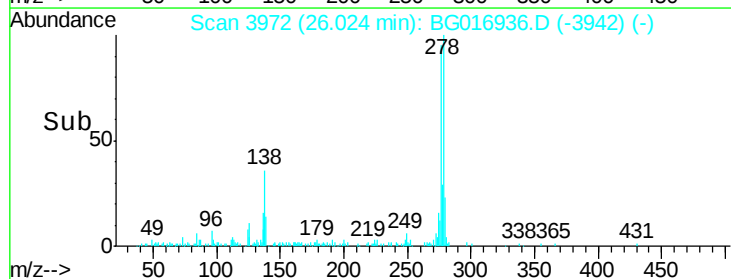
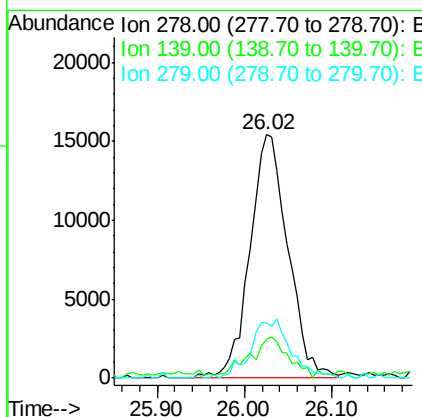
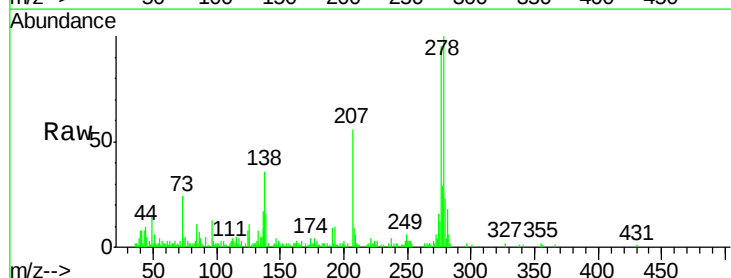
Manual Integrations
APPROVED

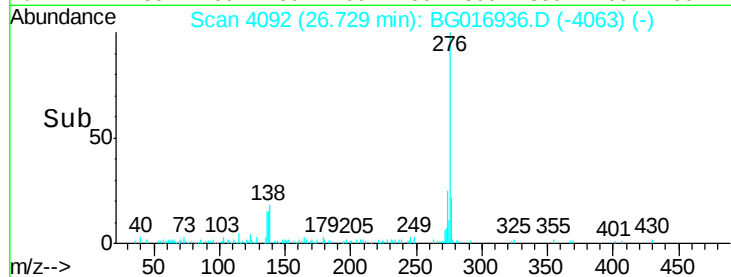
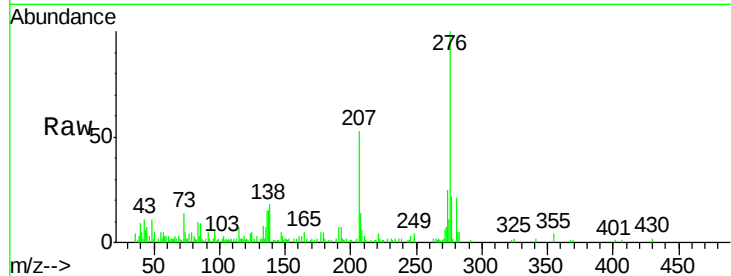
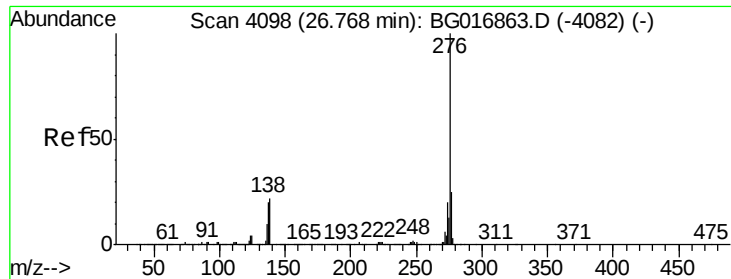
apatel
5/8/2015 5:08:36 PM



#90
Dibenzo(a,h)anthracene
Concen: 2.03 ng
RT: 26.02 min Scan# 3972
Delta R.T. -0.02 min
Lab File: BG016936.D
Acq: 8 May 2015 00:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.9	14.2	21.2
279	23.0	18.9	28.3





#91

Benzo(a,h,i)perylene

Concen: 2.09 ng

RT: 26.73 min Scan# 4092

Delta R.T. -0.03 min

Lab File: BG016936.D

Acq: 8 May 2015 00:43

Instrument :

BNA_G

ClientSampleId :

DBMW-02

Tot Ion:	276	Resp:	45119
Ion Ratio	Lower	Upper	
276	100		
277	22.0	19.6	29.4
138	17.8	17.5	26.3

Manual Integrations
APPROVED

apatel
5/8/2015 5:08:36 PM

