

Data Path : Z:\HPCHEM1\BNA_G\Data\BG050715\
 Data File : BG016937.D
 Acq On : 8 May 2015 1:18
 Operator : TP/IZ
 Sample : G2038-03MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBMW-01MSD

Manual Integrations
 APPROVED

apatel
 5/8/2015 5:08:39 PM

Quant Time: May 13 15:19:09 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	81883	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	382901	20.00	ng	0.06
38) Acenaphthene-d10	14.44	164	219186	20.00	ng	0.00
63) Phenanthrene-d10	17.18	188	435694	20.00	ng	0.00
75) Chrysene-d12	21.36	240	445031	20.00	ng	0.00
86) Perylene-d12	23.66	264	432571	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	329178	70.00	ng	0.01
7) Phenol-d6	6.97	99	314647	46.83	ng	0.00
23) Nitrobenzene-d5	8.96	82	685034	87.40	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	350241	159.17	ng	0.00
44) 2-Fluorobiphenyl	13.06	172	1335118	91.92	ng	0.00
78) Terphenyl-d14	19.81	244	1554112	81.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	20298	10.30	ng	# 1
4) n-Nitrosodimethylamine	3.61	42	41954	11.54	ng	# 88
8) 2-Chlorophenol	7.37	128	213627	39.21	ng	97
9) Benzaldehyde	6.95	77	348291	Below Cal		# 1
10) Phenol	7.00	94	181211	25.15	ng	97
11) bis(2-Chloroethyl)ether	7.23	93	249957	44.87	ng	97
12) 1,3-Dichlorobenzene	7.69	146	210792	35.09	ng	96
13) 1,4-Dichlorobenzene	7.84	146	216034	35.50	ng	98
14) 1,2-Dichlorobenzene	8.17	146	223850	38.33	ng	93
15) Benzyl Alcohol	8.06	79	128402	20.93	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.34	45	456774	44.30	ng	87
17) 2-Methylphenol	8.24	107	189163	37.29	ng	93
18) Hexachloroethane	8.88	117	105700	42.26	ng	94
19) n-Nitroso-di-n-propylamine	8.62	70	255210	43.32	ng	98
20) 3+4-Methylphenols	8.57	107	245578	35.13	ng	94
22) Acetophenone	8.62	105	661978	72.58	ng	# 98
24) Nitrobenzene	9.01	77	354569	44.80	ng	98
25) Isophorone	9.56	82	635752	40.17	ng	99
26) 2-Nitrophenol	9.72	139	151599	47.04	ng	93
27) 2,4-Dimethylphenol	9.79	122	368702	63.22	ng	99
28) bis(2-Chloroethoxy)methane	10.05	93	346155	43.33	ng	96
29) 2,4-Dichlorophenol	10.28	162	236057	42.84	ng	98
30) 1,2,4-Trichlorobenzene	10.52	180	226556m	38.77	ng	
31) Naphthalene	10.75	128	20328174	1067.39	ng	# 1
32) Benzoic acid	9.91	122	53159	18.98	ng	89
34) Hexachlorobutadiene	10.94	225	130791	35.76	ng	99
35) Caprolactam	11.69	113	12641	4.42	ng	93
36) 4-Chloro-3-methylphenol	11.88	107	275859	39.10	ng	98
37) 2-Methylnaphthalene	12.27	142	3286813	226.58	ng	# 88
39) 1,2,4,5-Tetrachlorobenzene	12.63	216	269176	45.43	ng	# 100
40) Hexachlorocyclopentadiene	12.61	237	248264	64.88	ng	99
42) 2,4,6-Trichlorophenol	12.87	196	200121	47.66	ng	93
43) 2,4,5-Trichlorophenol	12.94	196	215234	48.29	ng	97
45) 1,1'-Biphenyl	13.27	154	1297359	82.67	ng	95

Data Path : Z:\HPCHEM1\BNA_G\Data\BG050715\
 Data File : BG016937.D
 Acq On : 8 May 2015 1:18
 Operator : TP/IZ
 Sample : G2038-03MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBMW-01MSD

Manual Integrations
 APPROVED

apatel
 5/8/2015 5:08:39 PM

Quant Time: May 13 15:19:09 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)
46) 2-Chloronaphthalene	13.31	162	570504	45.90	ng	97
47) 2-Nitroaniline	13.52	65	235979	54.54	ng	94
48) Acenaphthylene	14.16	152	1315707	60.78	ng	96
49) Dimethylphthalate	13.90	163	735869	44.96	ng	98
50) 2,6-Dinitrotoluene	14.02	165	171840	50.57	ng	# 89
51) Acenaphthene	14.51	154	1666701	129.38	ng	97
53) 2,4-Dinitrophenol	14.55	184	190528	122.58	ng	# 80
54) Dibenzofuran	14.84	168	1555715	85.05	ng	# 91
55) 4-Nitrophenol	14.65	139	126836	38.69	ng	93
56) 2,4-Dinitrotoluene	14.80	165	244023	56.13	ng	96
57) Fluorene	15.49	166	1353138	83.55	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.06	232	196092	50.99	ng	# 76
59) Diethylphthalate	15.26	149	768318	44.47	ng	98
60) 4-Chlorophenyl-phenylether	15.48	204	360827	44.34	ng	98
61) 4-Nitroaniline	15.50	138	48129	10.74	ng	# 61
62) Azobenzene	15.77	77	814935	45.54	ng	96
64) 4,6-Dinitro-2-methylphenol	15.56	198	133702	61.89	ng	87
65) n-Nitrosodiphenylamine	15.70	169	607262	45.66	ng	96
66) 4-Bromophenyl-phenylether	16.37	248	219064	50.09	ng	94
67) Hexachlorobenzene	16.49	284	224428	48.67	ng	99
68) Atrazine	16.66	200	186881	39.04	ng	96
69) Pentachlorophenol	16.83	266	320007	106.88	ng	97
70) Phenanthrene	17.23	178	1960496	87.44	ng	95
71) Anthracene	17.32	178	1181914	52.25	ng	99
72) Carbazole	17.60	167	2746841	127.73	ng	# 87
73) Di-n-butylphthalate	18.15	149	1257610	45.11	ng	99
74) Fluoranthene	19.24	202	1261642	48.50	ng	96
77) Pyrene	19.61	202	1252255	47.68	ng	98
79) Butylbenzylphthalate	20.50	149	590434	47.30	ng	99
80) Benzo(a)anthracene	21.34	228	1125734	47.15	ng	99
82) Chrysene	21.40	228	1048430	46.89	ng	98
83) Bis(2-ethylhexyl)phthalate	21.28	149	811789	47.54	ng	96
84) Di-n-octyl phthalate	22.17	149	1381167	48.15	ng	# 100
85) Indeno(1,2,3-cd)pyrene	26.03	276	1284753	48.21	ng	# 100
87) Benzo(b)fluoranthene	22.97	252	1133706	47.05	ng	98
88) Benzo(k)fluoranthene	23.01	252	1082697	46.70	ng	98
89) Benzo(a)pyrene	23.57	252	1081322	48.12	ng	97
90) Dibenzo(a,h)anthracene	26.04	278	1095829	47.74	ng	97
91) Benzo(g,h,i)perylene	26.76	276	1054070	48.23	ng	99

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

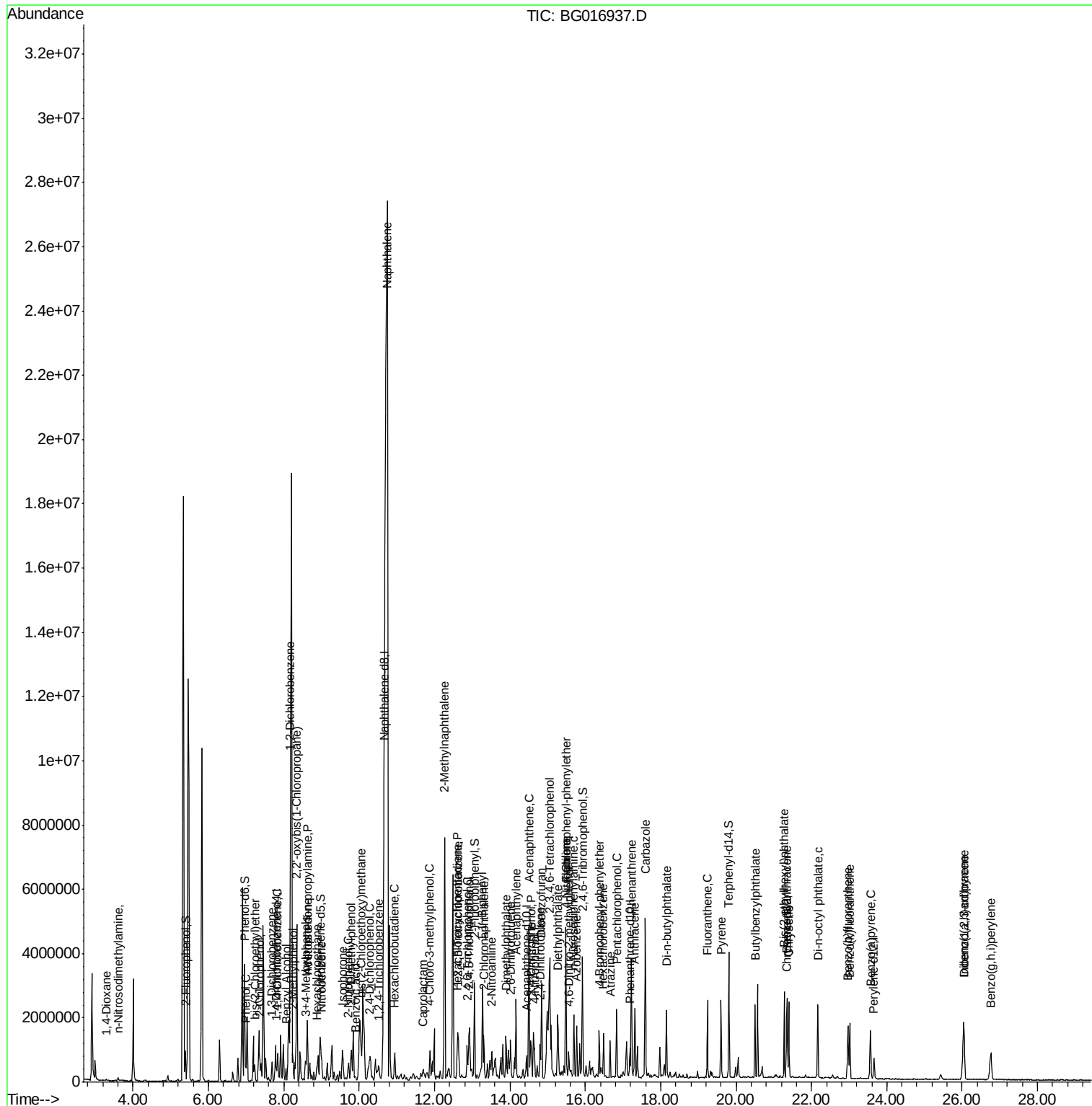
Data Path : Z:\HPCHEM1\BNA_G\Data\BG050715\
Data File : BG016937.D
Acq On : 8 May 2015 1:18
Operator : TP/IZ
Sample : G2038-03MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

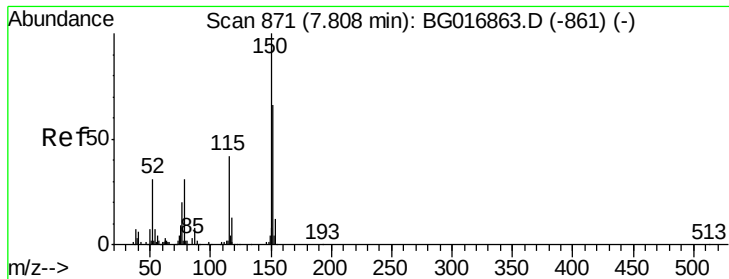
Instrument :
BNA_G
ClientSampleId :
DBMW-01MSD

Manual Integrations
APPROVED

apatel
5/8/2015 5:08:39 PM

Quant Time: May 13 15:19:09 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

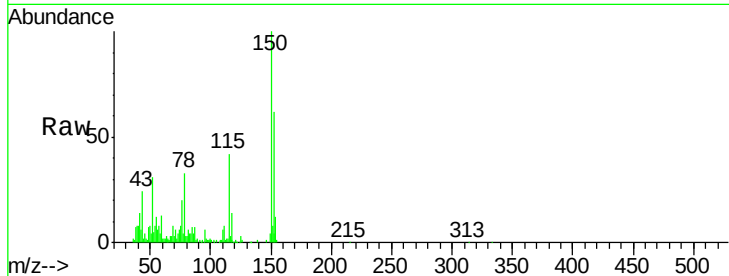
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.80 min Scan# 870
Delta R.T. 0.00 min
Lab File: BG016937.D
Acq: 8 May 2015 1:18

Instrument :
BNA_G
ClientSampleId :
DBMW-01MSD

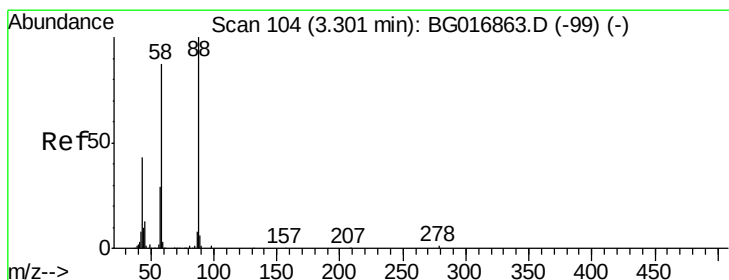
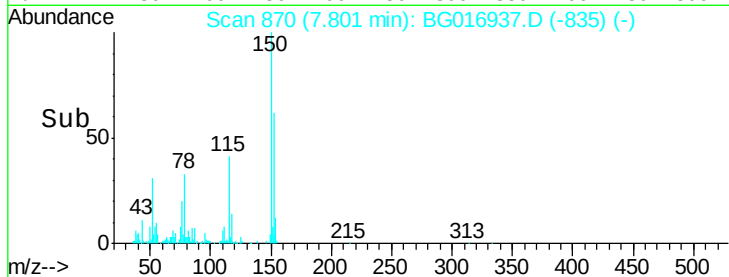
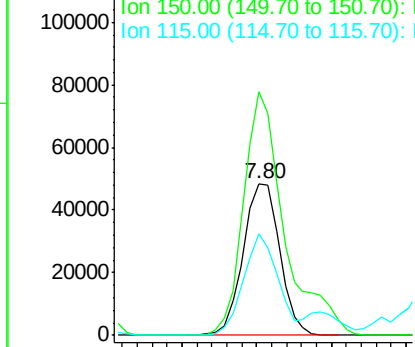
Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.1	121.0	181.4
115	66.6	50.5	75.7

Manual Integrations
APPROVED

apatel
5/8/2015 5:08:39 PM



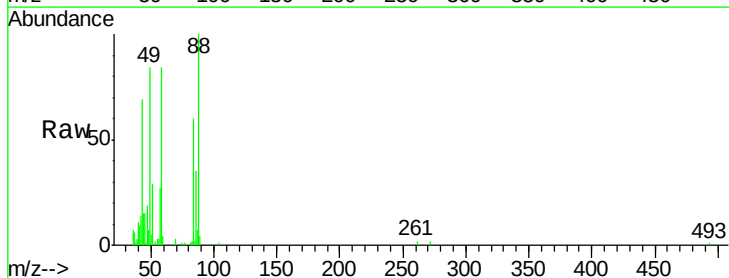
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



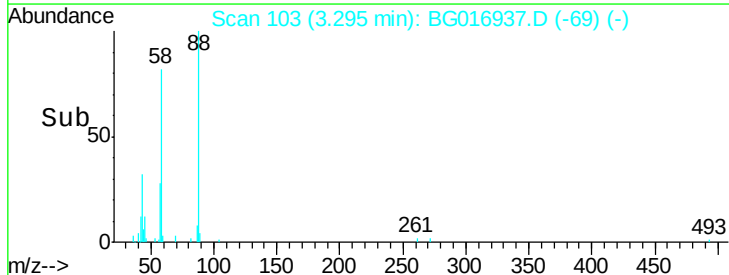
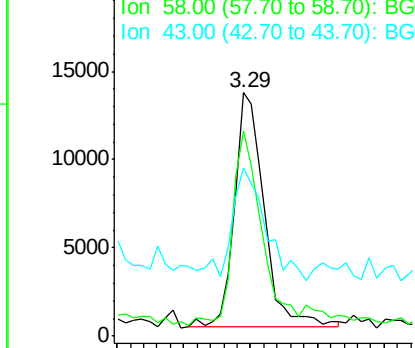
#2

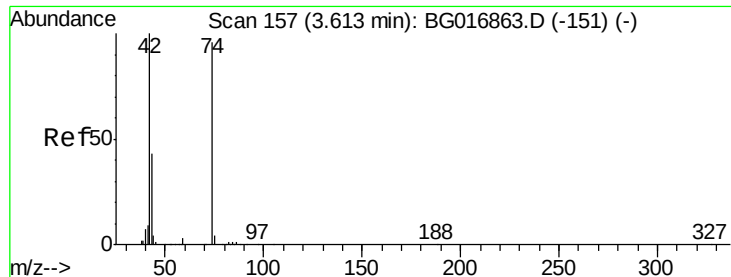
1,4-Dioxane
Concen: 10.30 ng
RT: 3.29 min Scan# 103
Delta R.T. -0.00 min
Lab File: BG016937.D
Acq: 8 May 2015 1:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.0	0.1	0.1#
43	55.2	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





#4

n-Nitrosodimethylamine

Concen: 11.54 ng

RT: 3.61 min Scan# 156

Delta R.T. -0.01 min

Lab File: BG016937.D

Acq: 8 May 2015 1:18

Instrument :

BNA_G

ClientSampleId :

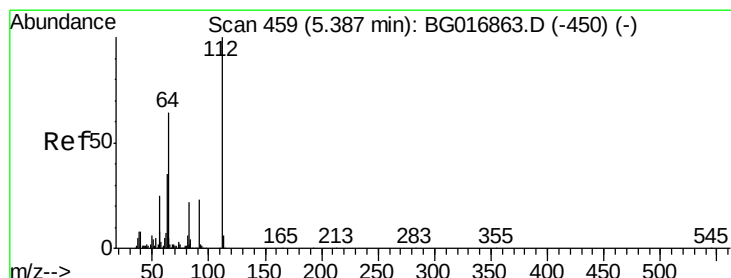
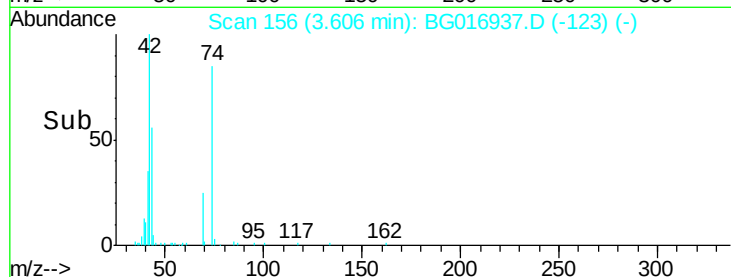
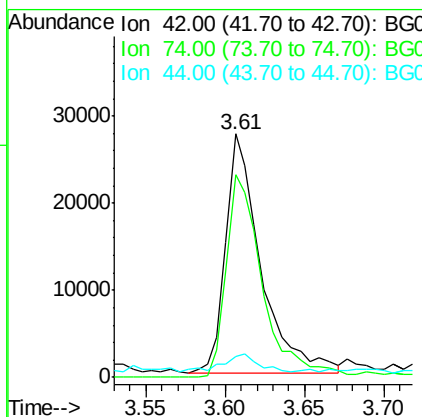
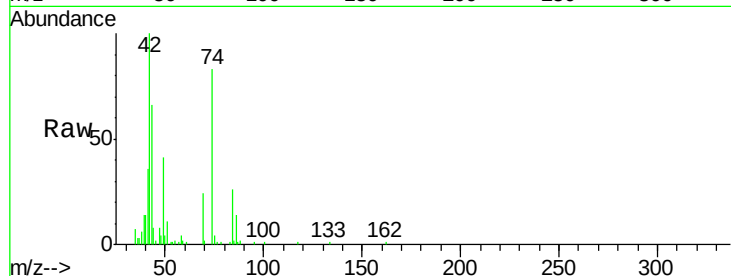
DBMW-01MSD

Manual Integrations
APPROVED

apatel

5/8/2015 5:08:39 PM

Tgt Ion	Ratio	Lower	Upper
42	100		
74	83.5	76.2	114.2
44	8.4	4.9	7.3#



#5

2-Fluorophenol

Concen: 70.00 ng

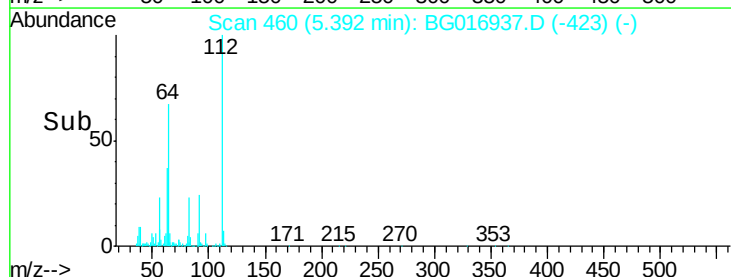
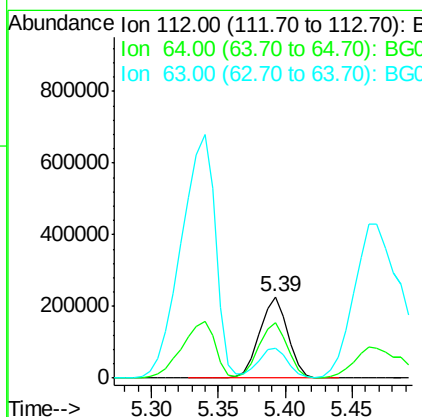
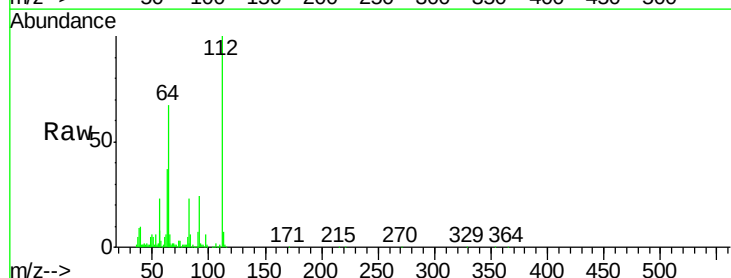
RT: 5.39 min Scan# 460

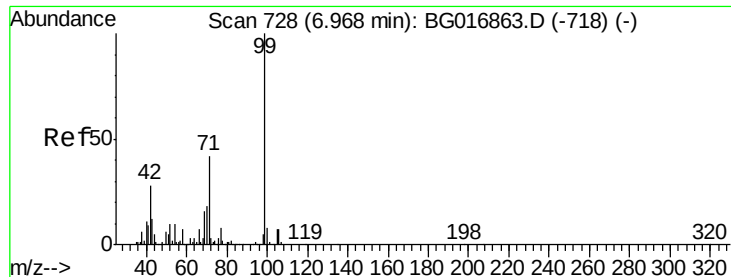
Delta R.T. 0.01 min

Lab File: BG016937.D

Acq: 8 May 2015 1:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.3	51.4	77.2
63	37.0	28.1	42.1





#7

Phenol-d6

Concen: 46.83 ng

RT: 6.97 min Scan# 728

Delta R.T. 0.00 min

Lab File: BG016937.D

Acq: 8 May 2015 1:18

Instrument :

BNA_G

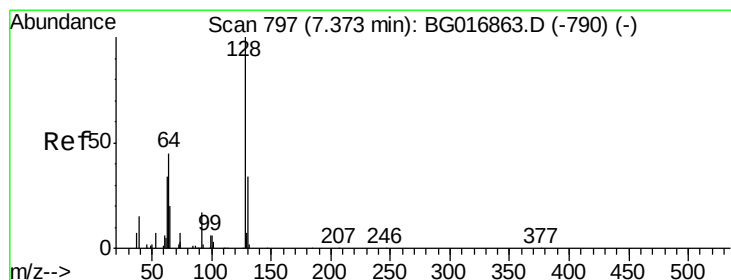
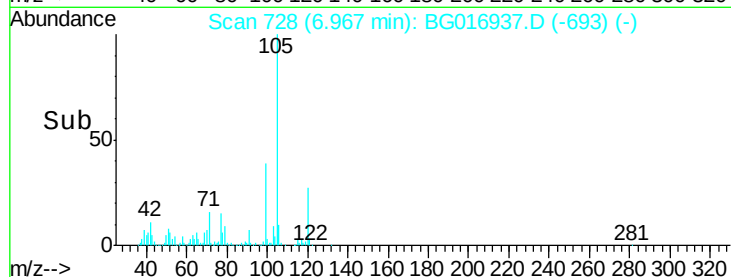
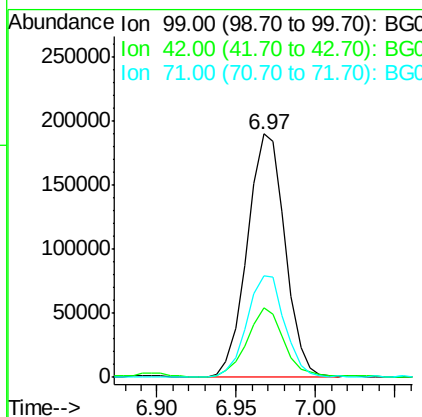
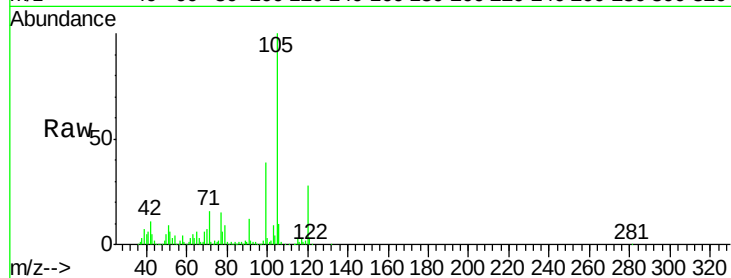
ClientSampleId :

DBMW-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	314647		
42	28.4	22.1	33.1	
71	41.8	33.4	50.0	

Manual Integrations
APPROVED

apatel
5/8/2015 5:08:39 PM



#8

2-Chlorophenol

Concen: 39.21 ng

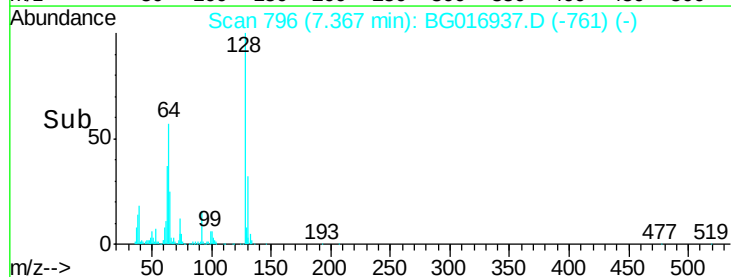
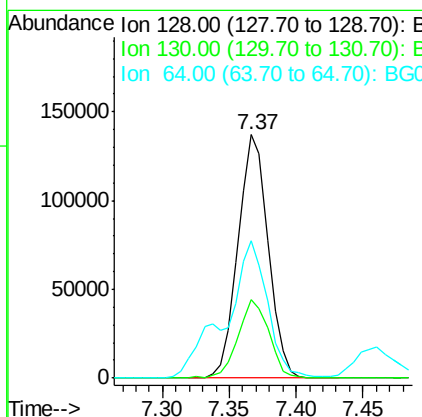
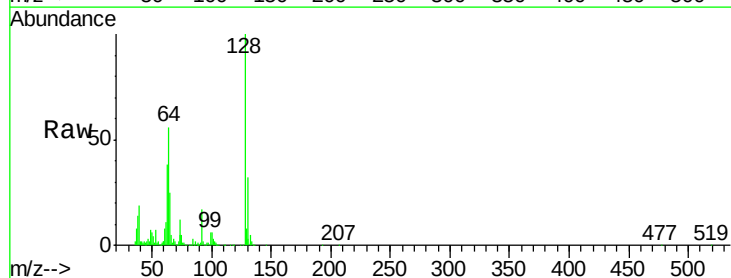
RT: 7.37 min Scan# 796

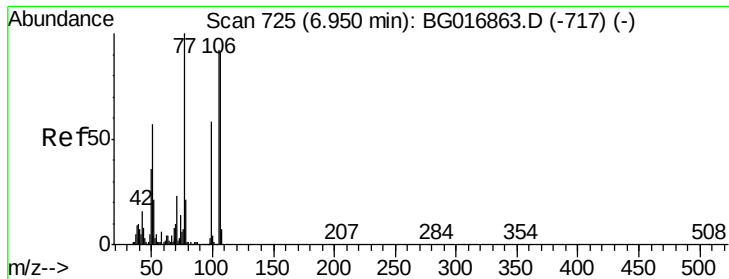
Delta R.T. 0.00 min

Lab File: BG016937.D

Acq: 8 May 2015 1:18

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	213627		
130	32.1	14.4	54.4	
64	56.5	38.4	78.4	





#9

Benzaldehyde

Concen: Below Cal

RT: 6.95 min Scan# 725

Delta R.T. 0.01 min

Lab File: BG016937.D

Acq: 8 May 2015 1:18

Instrument :

BNA_G

ClientSampleId :

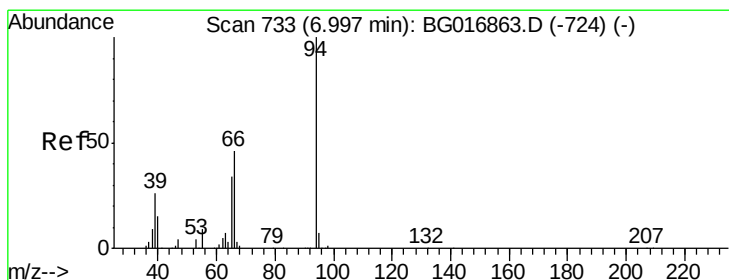
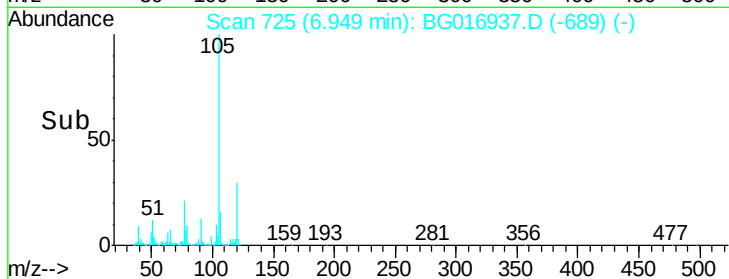
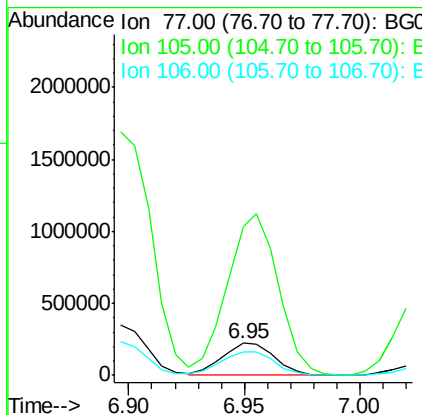
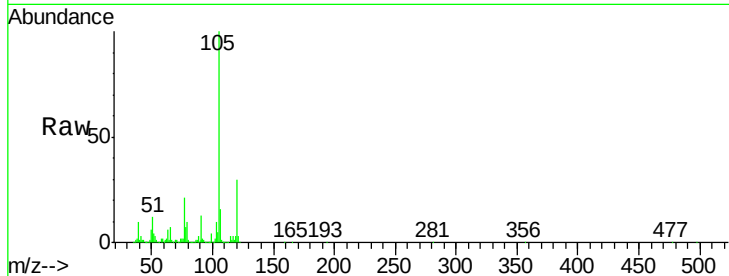
DBMW-01MSD

Manual Integrations
APPROVED

apatel

5/8/2015 5:08:39 PM

Tgt Ion	Ratio	Lower	Upper
77	100		
105	465.9	71.6	111.6#
106	73.7	71.5	111.5



#10

Phenol

Concen: 25.15 ng

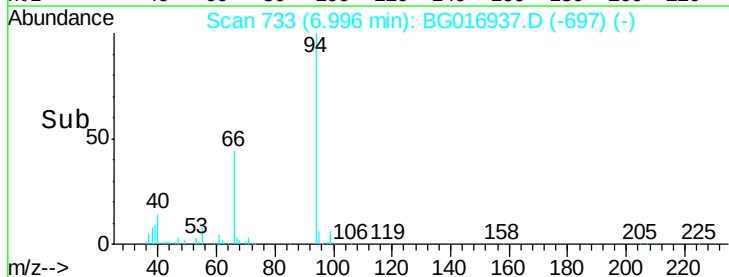
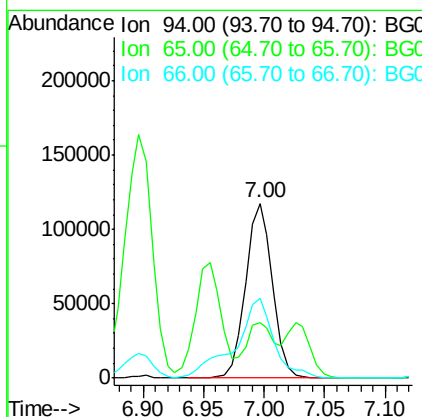
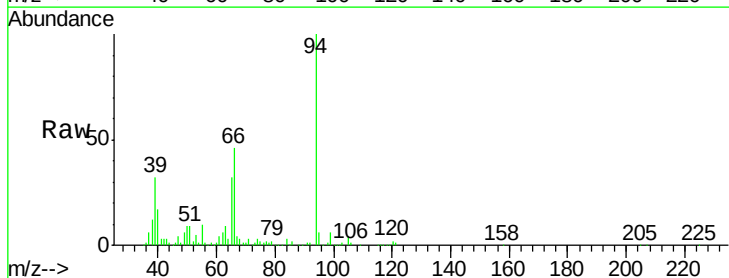
RT: 7.00 min Scan# 733

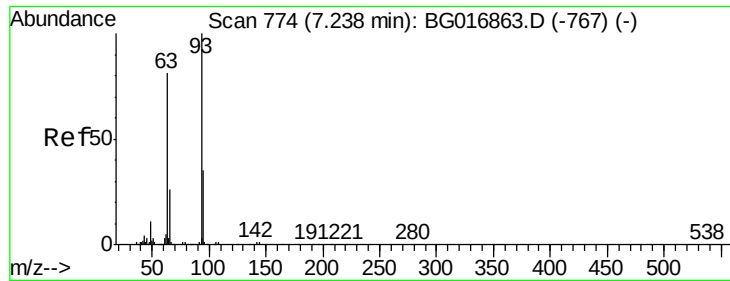
Delta R.T. 0.01 min

Lab File: BG016937.D

Acq: 8 May 2015 1:18

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.0	14.3	54.3
66	45.6	26.9	66.9





#11

bis(2-Chloroethyl)ether

Concen: 44.87 ng

RT: 7.23 min Scan# 773

Delta R.T. 0.00 min

Lab File: BG016937.D

Acq: 8 May 2015 1:18

Instrument :

BNA_G

ClientSampleId :

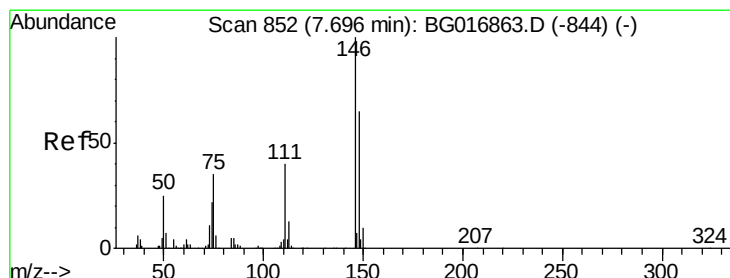
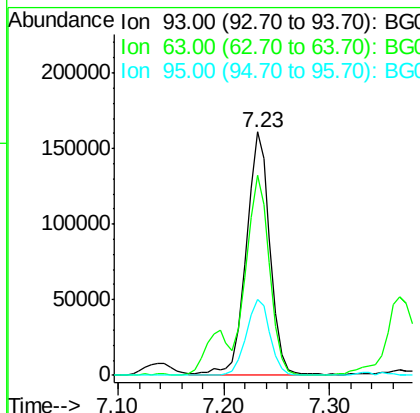
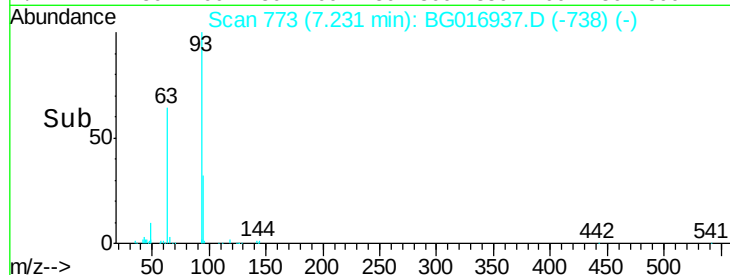
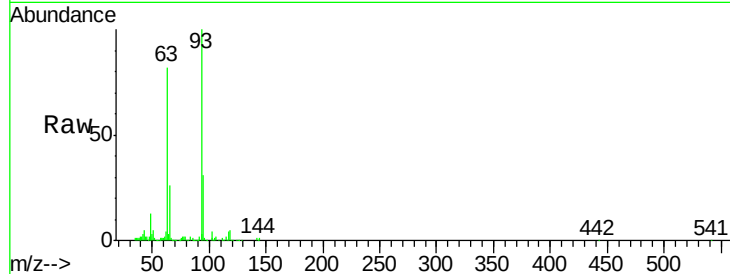
DBMW-01MSD

Manual Integrations
APPROVED

apatel

5/8/2015 5:08:39 PM

Tgt	Ion	Ratio	Resp	Lower	Upper
93	100		249957		
63	82.4	61.2	101.2		
95	31.3	15.0	55.0		



#12

1,3-Dichlorobenzene

Concen: 35.09 ng

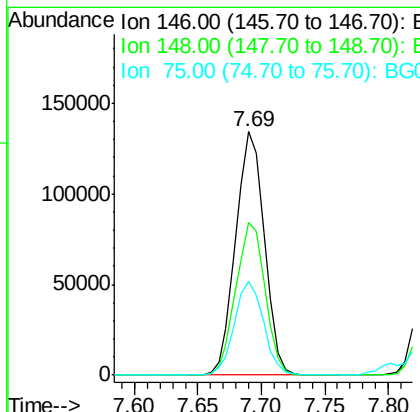
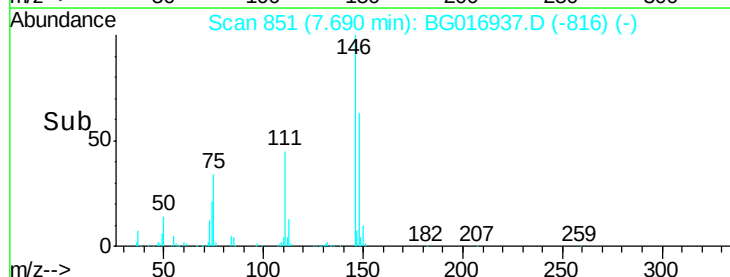
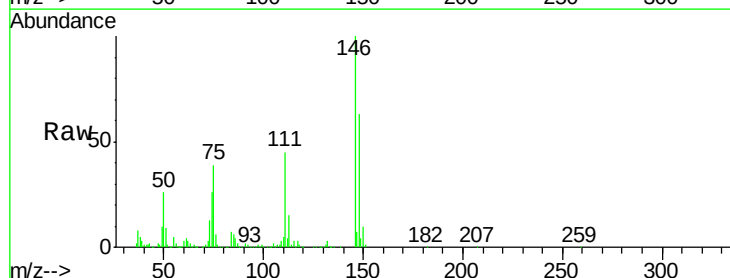
RT: 7.69 min Scan# 851

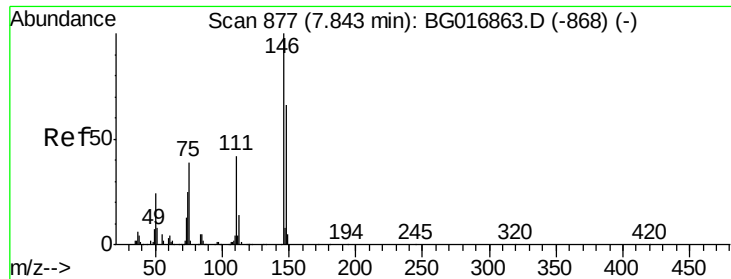
Delta R.T. 0.00 min

Lab File: BG016937.D

Acq: 8 May 2015 1:18

Tgt	Ion	Ratio	Resp	Lower	Upper
146	100		210792		
148	62.7	51.9	77.9		
75	38.6	28.2	42.2		





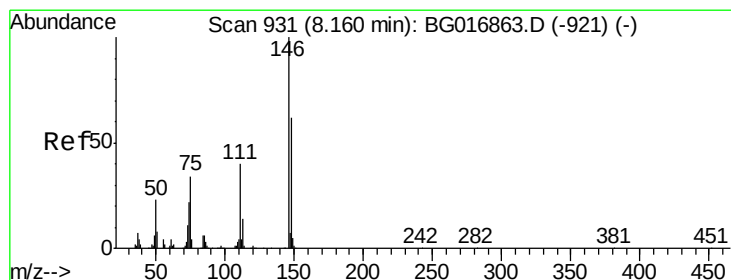
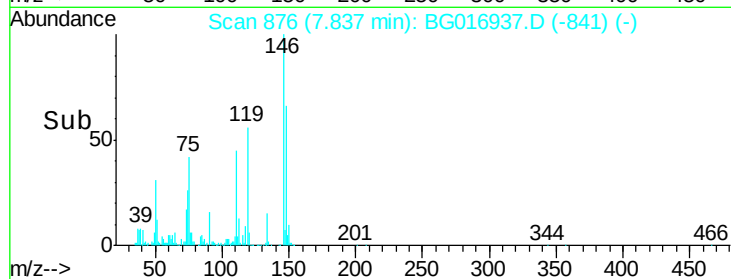
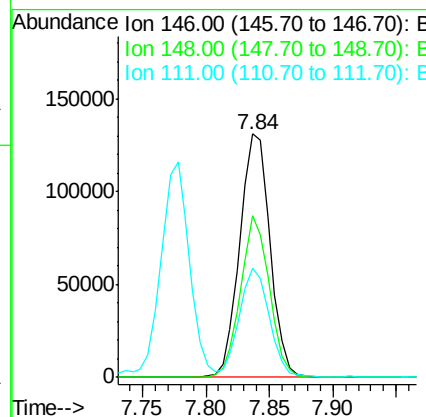
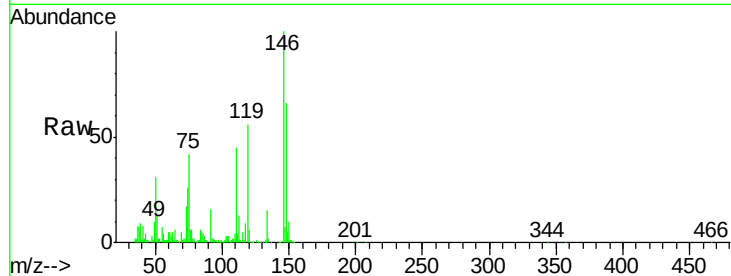
#13
 1,4-Dichlorobenzene
 Concen: 35.50 ng
 RT: 7.84 min Scan# 876
 Delta R.T. 0.00 min
 Lab File: BG016937.D
 Acq: 8 May 2015 1:18

Instrument :
 BNA_G
 ClientSampleId :
 DBMW-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	216034		
148	66.3	52.8	79.2	
111	44.7	33.9	50.9	

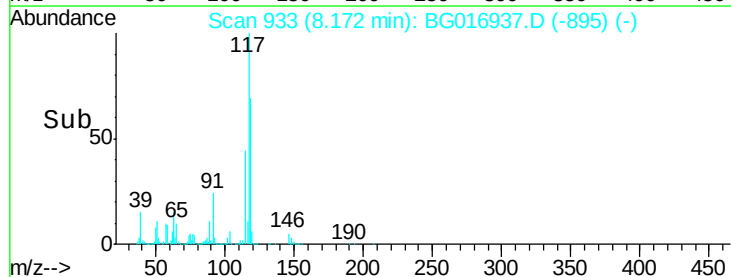
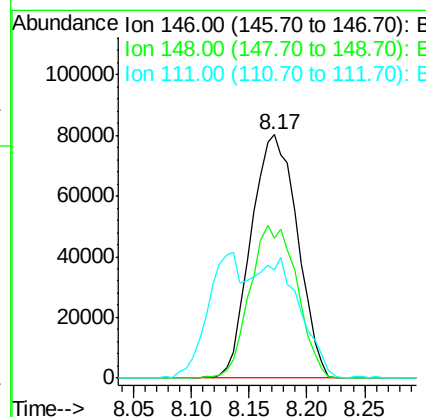
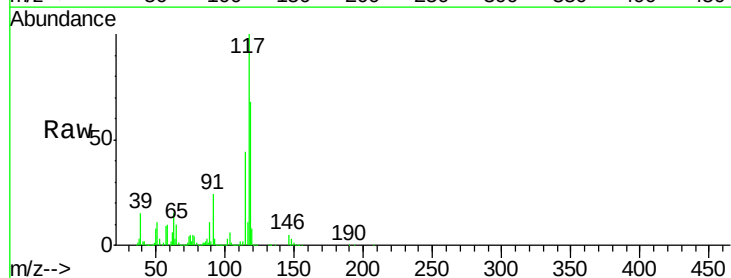
Manual Integrations
 APPROVED

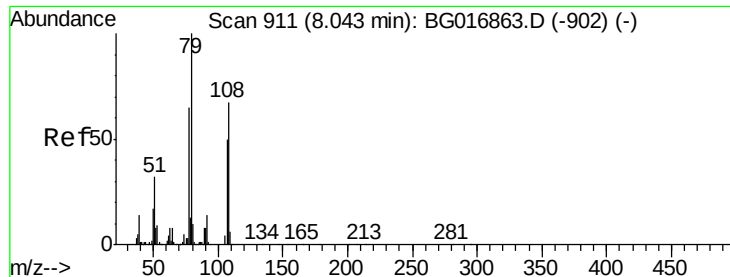
apatel
 5/8/2015 5:08:39 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.33 ng
 RT: 8.17 min Scan# 933
 Delta R.T. 0.02 min
 Lab File: BG016937.D
 Acq: 8 May 2015 1:18

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	223850		
148	57.5	49.9	74.9	
111	44.6	32.1	48.1	





#15

Benzyl Alcohol

Concen: 20.93 ng

RT: 8.06 min Scan# 914

Delta R.T. 0.02 min

Lab File: BG016937.D

Acq: 8 May 2015 1:18

Instrument :

BNA_G

ClientSampleId :

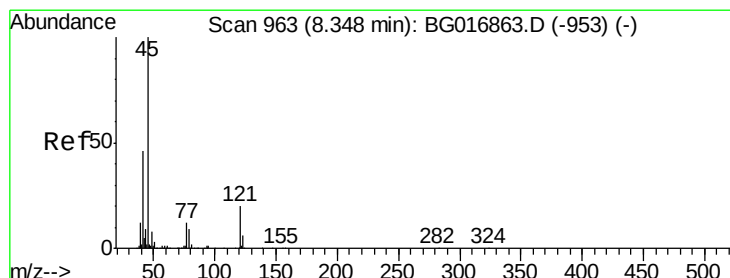
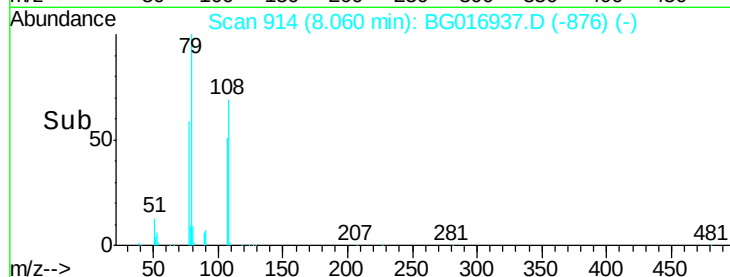
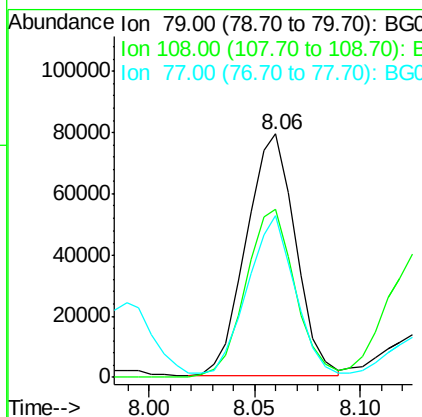
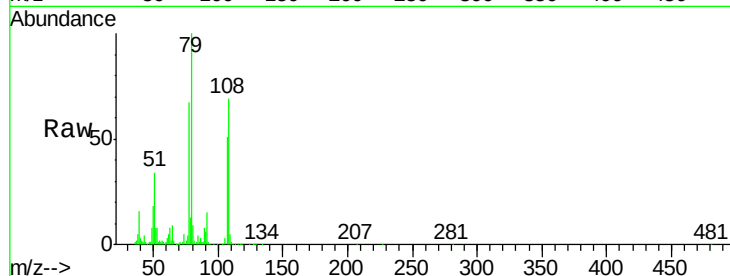
DBMW-01MSD

Manual Integrations
APPROVED

apatel

5/8/2015 5:08:39 PM

Tgt Ion:	79	Resp:	128402
Ion Ratio	Lower	Upper	
79	100		
108	69.3	53.4	80.2
77	66.6	52.2	78.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.30 ng

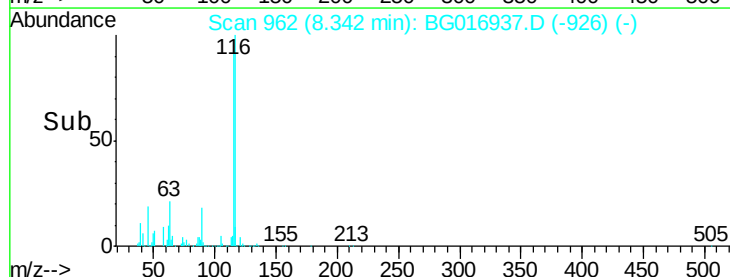
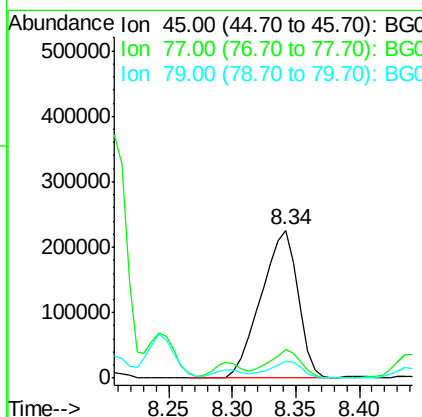
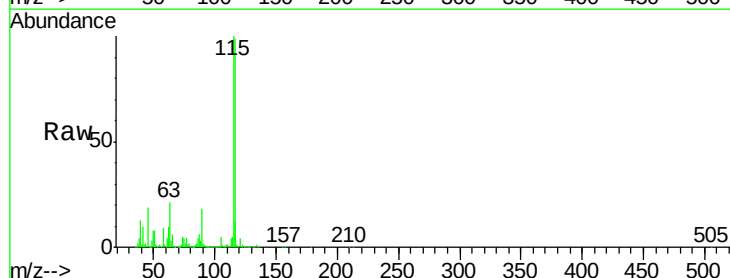
RT: 8.34 min Scan# 962

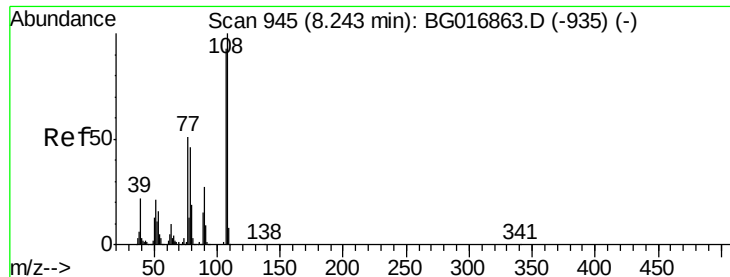
Delta R.T. 0.01 min

Lab File: BG016937.D

Acq: 8 May 2015 1:18

Tgt Ion:	45	Resp:	456774
Ion Ratio	Lower	Upper	
45	100		
77	19.0	0.0	31.8
79	11.3	0.0	29.1





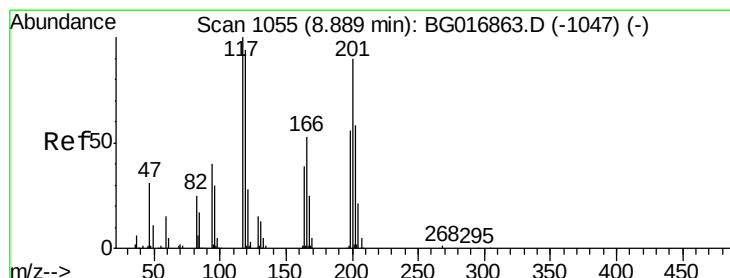
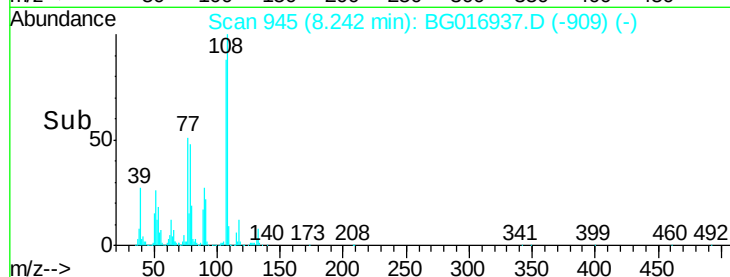
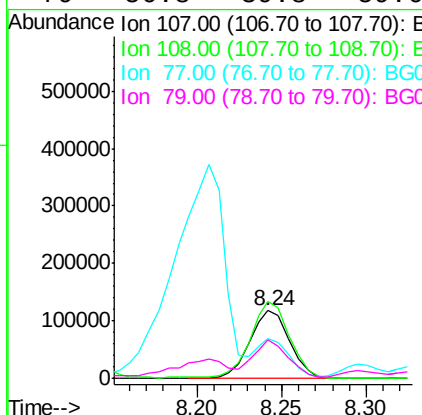
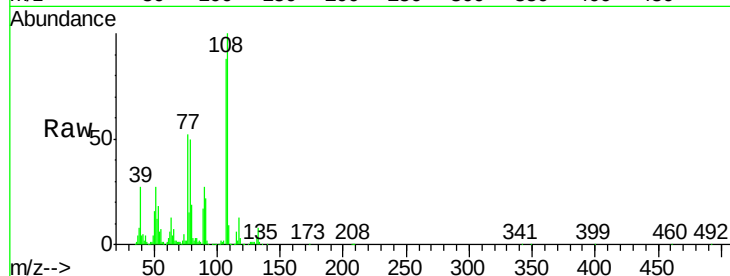
#17
2-Methylphenol
Concen: 37.29 ng
RT: 8.24 min Scan# 945
Delta R.T. 0.01 min
Lab File: BG016937.D
Acq: 8 May 2015 1:18

Instrument :
BNA_G
ClientSampleId :
DBMW-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	189163		
108	114.1	85.9	128.9	
77	59.0	43.8	65.6	
79	56.8	39.8	59.6	

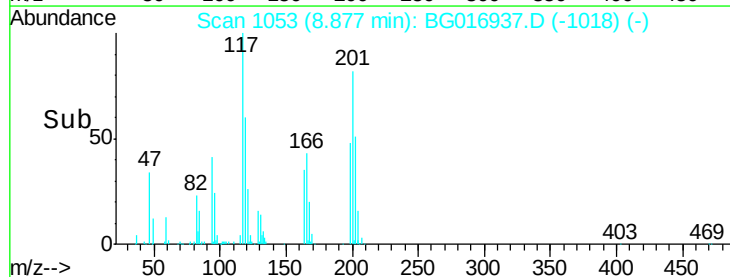
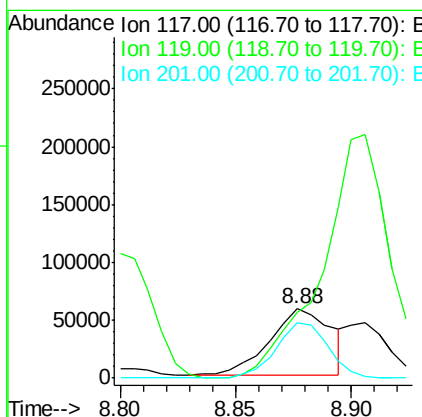
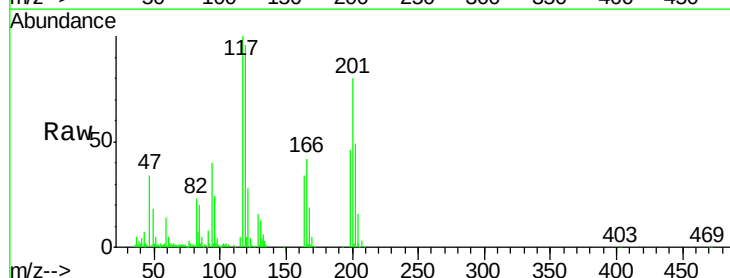
Manual Integrations
APPROVED

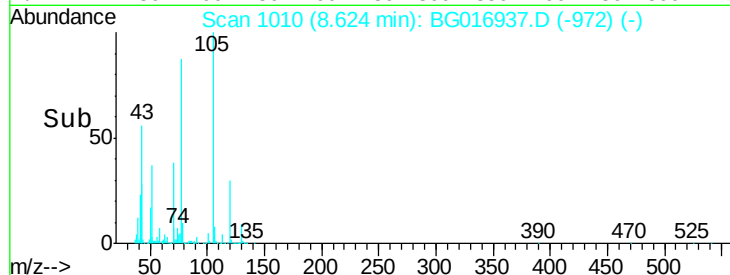
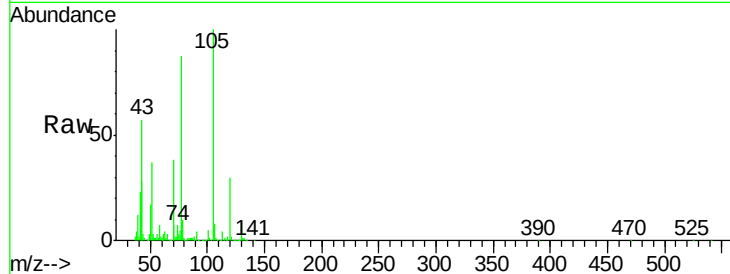
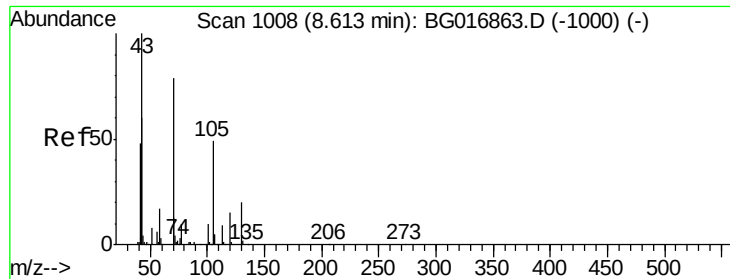
apatel
5/8/2015 5:08:39 PM



#18
Hexachloroethane
Concen: 42.26 ng
RT: 8.88 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BG016937.D
Acq: 8 May 2015 1:18

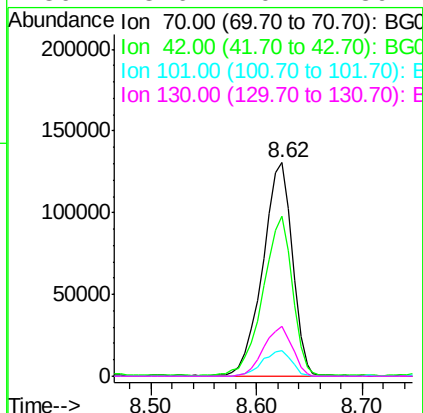
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	105700		
119	95.5	74.8	112.2	
201	79.8	72.1	108.1	





#19
n-Nitroso-di-n-propylamine
Concen: 43.32 ng
RT: 8.62 min Scan# 1010
Delta R.T. 0.02 min
Lab File: BG016937.D
Acq: 8 May 2015 1:18

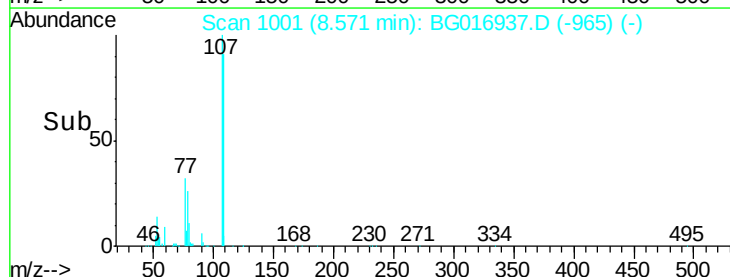
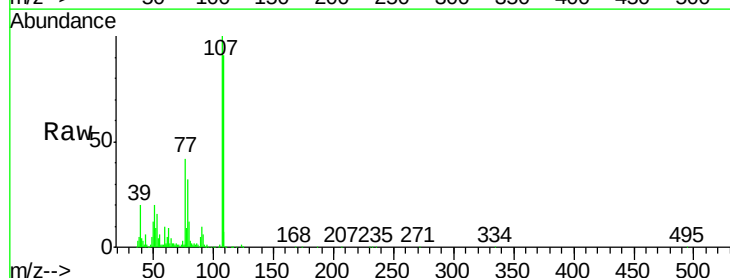
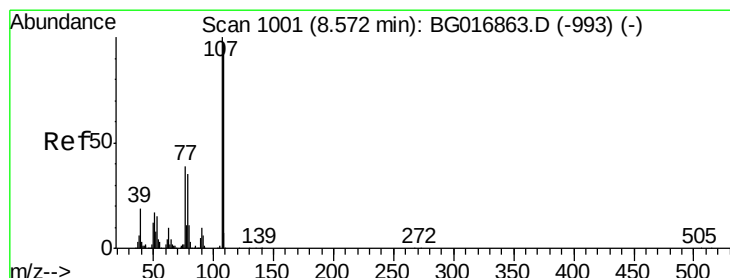
Tgt Ion	Ratio	Resp	Lower	Upper
70	100	255210		
42	75.0	61.5	92.3	
101	12.1	9.8	14.6	
130	23.6	20.2	30.4	



Instrument :
BNA_G
ClientSampleId :
DBMW-01MSD

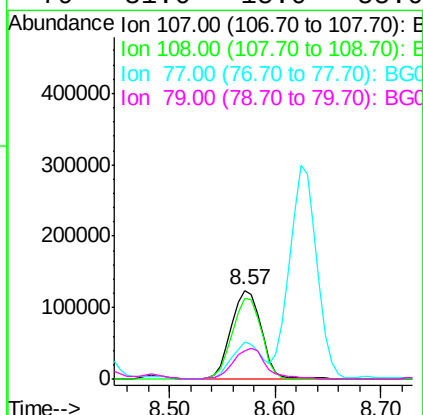
Manual Integrations
APPROVED

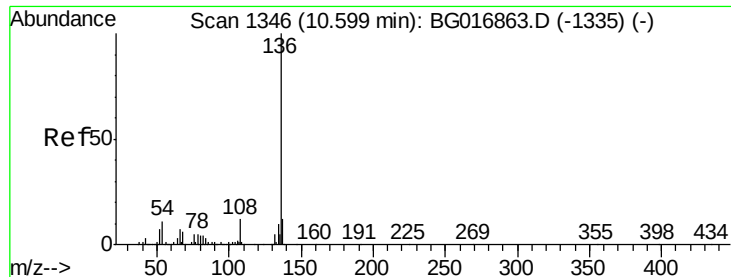
apatel
5/8/2015 5:08:39 PM



#20
3+4-Methylphenols
Concen: 35.13 ng
RT: 8.57 min Scan# 1001
Delta R.T. 0.01 min
Lab File: BG016937.D
Acq: 8 May 2015 1:18

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	245578		
108	90.8	76.6	116.6	
77	41.9	19.0	59.0	
79	31.6	15.0	55.0	





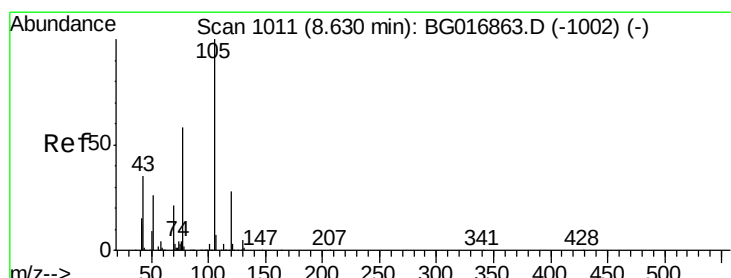
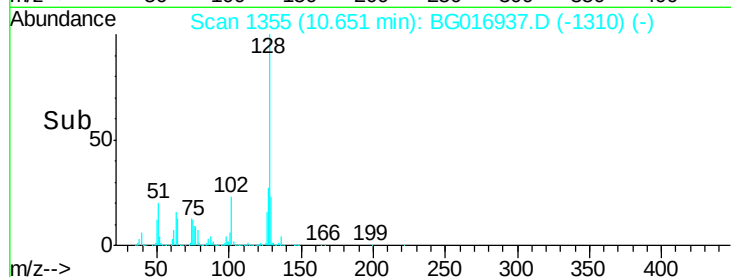
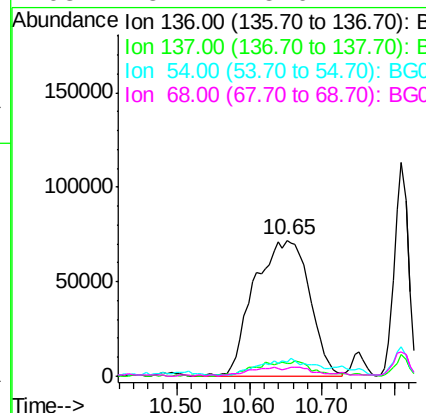
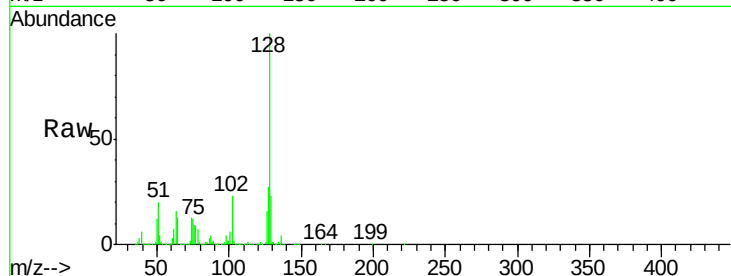
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.65 min Scan# 1355
Delta R.T. 0.06 min
Lab File: BG016937.D
Acq: 8 May 2015 1:18

Instrument :
BNA_G
ClientSampleId :
DBMW-01MSD

Tgt	Ion	Ratio	Resp	Lower	Upper
136	100		382901		
137	9.4	9.8	14.8#		
54	10.8	8.7	13.1		
68	5.7	5.0	7.4		

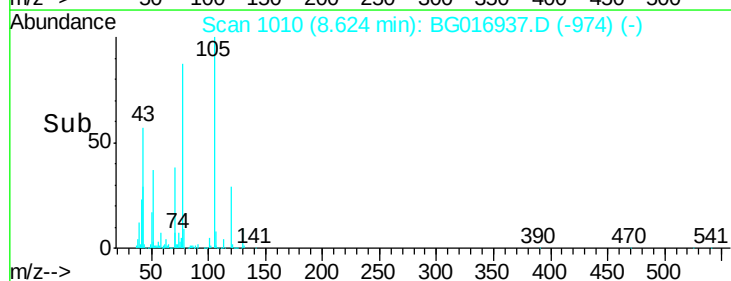
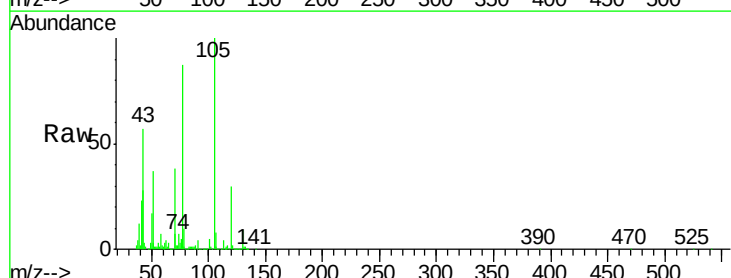
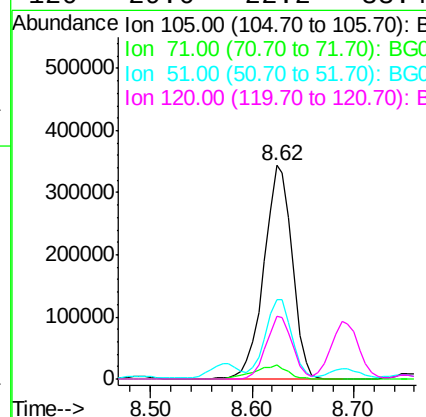
Manual Integrations
APPROVED

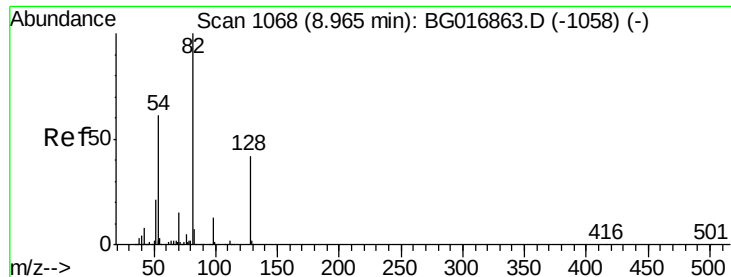
apatel
5/8/2015 5:08:39 PM



#22
Acetophenone
Concen: 72.58 ng
RT: 8.62 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BG016937.D
Acq: 8 May 2015 1:18

Tgt	Ion	Ratio	Resp	Lower	Upper
105	100		661978		
71	6.7	2.8	4.2#		
51	37.4	29.4	44.2		
120	29.6	22.2	33.4		





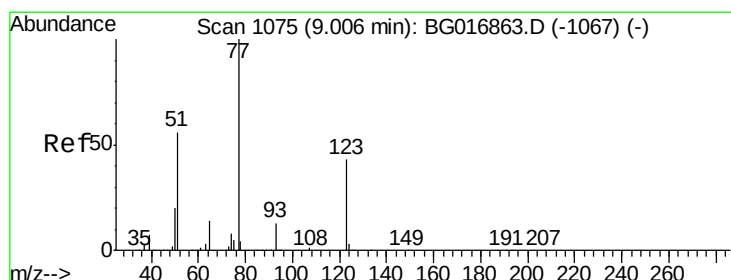
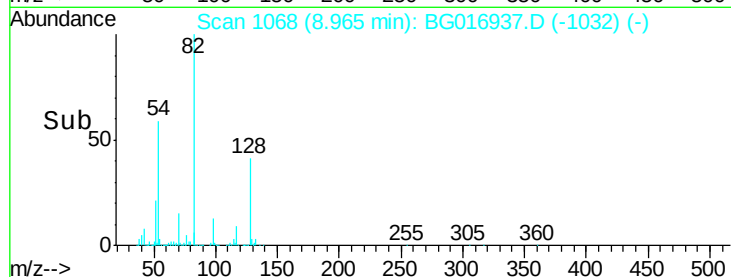
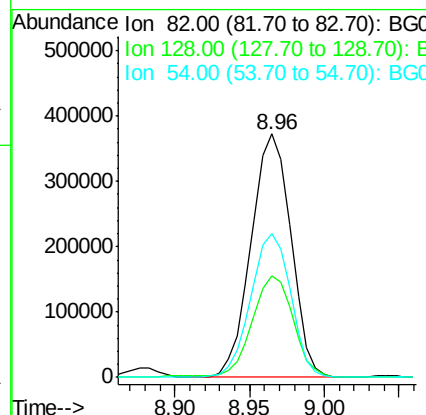
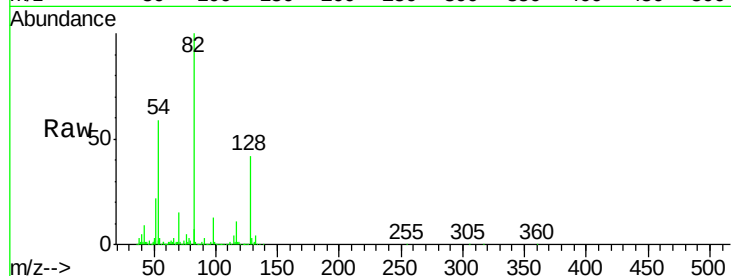
#23
 Nitrobenzene-d5
 Concen: 87.40 ng
 RT: 8.96 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: BG016937.D
 Acq: 8 May 2015 1:18

Instrument :
 BNA_G
 ClientSampleId :
 DBMW-01MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	41.7	33.2	49.8
54	59.2	48.6	72.8

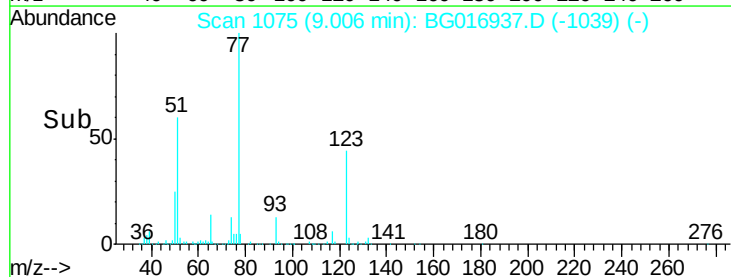
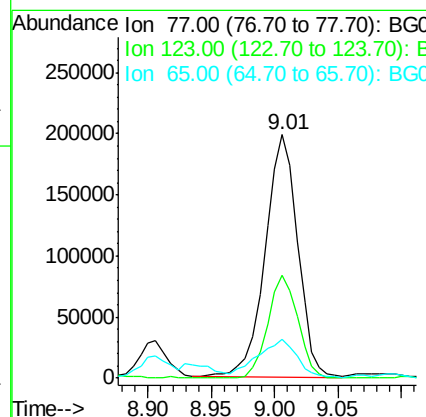
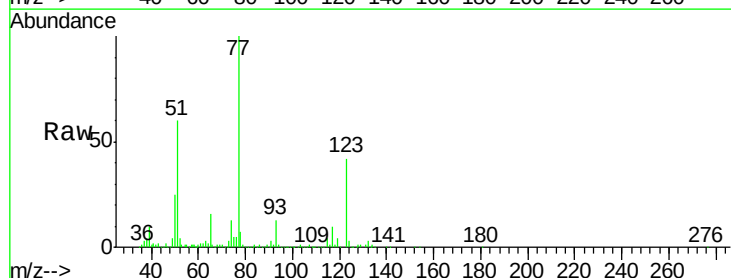
Manual Integrations
 APPROVED

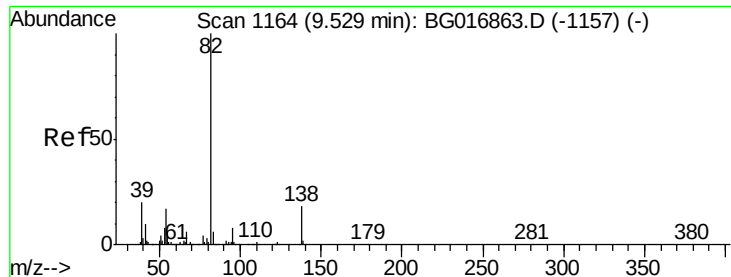
apatel
 5/8/2015 5:08:39 PM



#24
 Nitrobenzene
 Concen: 44.80 ng
 RT: 9.01 min Scan# 1075
 Delta R.T. 0.01 min
 Lab File: BG016937.D
 Acq: 8 May 2015 1:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	42.3	34.0	51.0
65	16.2	11.2	16.8





#25

Isophorone

Concen: 40.17 ng

RT: 9.56 min Scan# 1169

Delta R.T. 0.04 min

Lab File: BG016937.D

Acq: 8 May 2015 1:18

Instrument :

BNA_G

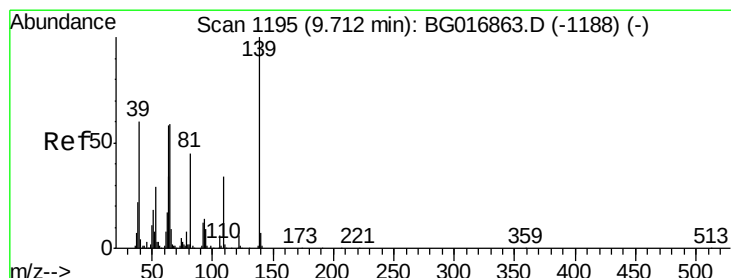
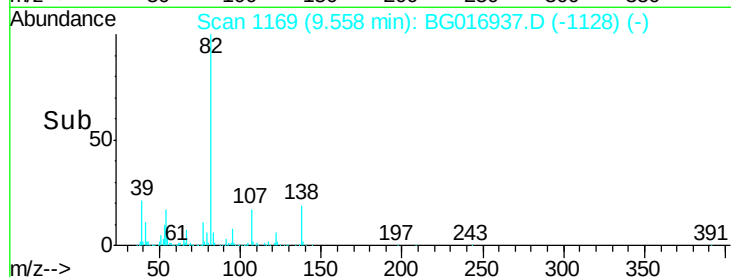
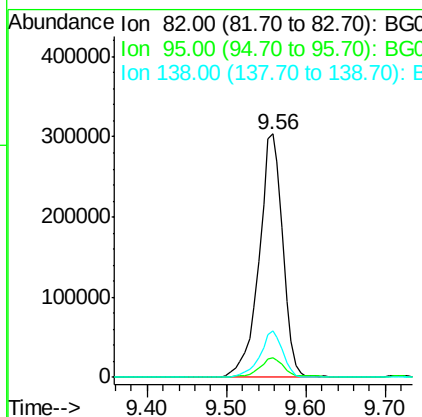
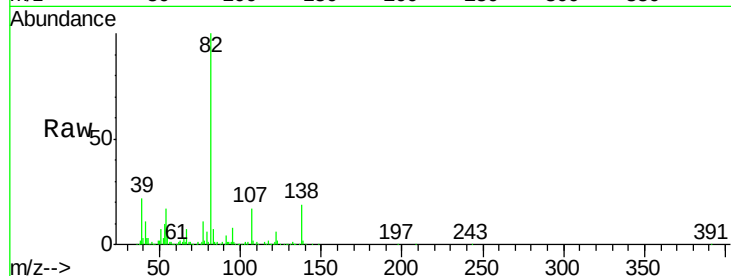
ClientSampleId :

DBMW-01MSD

Tgt Ion:	82	Resp:	635752
Ion Ratio	Lower	Upper	
82	100		
95	8.3	6.7	10.1
138	19.3	14.7	22.1

Manual Integrations
APPROVED

apatel
5/8/2015 5:08:39 PM



#26

2-Nitrophenol

Concen: 47.04 ng

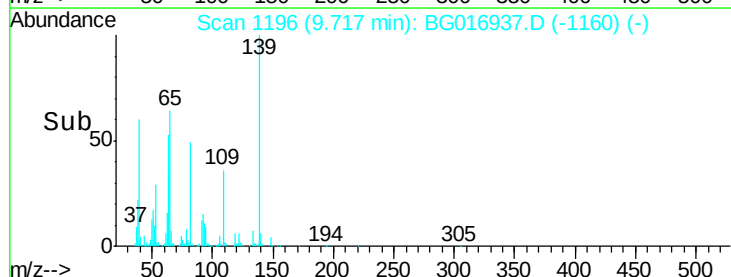
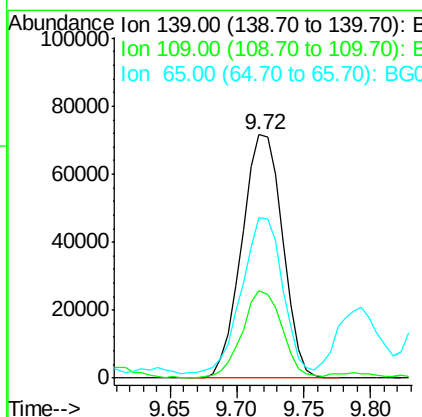
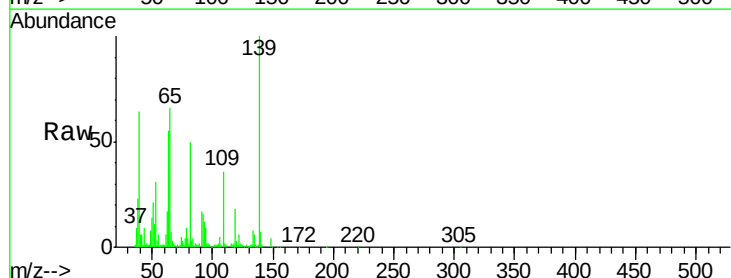
RT: 9.72 min Scan# 1196

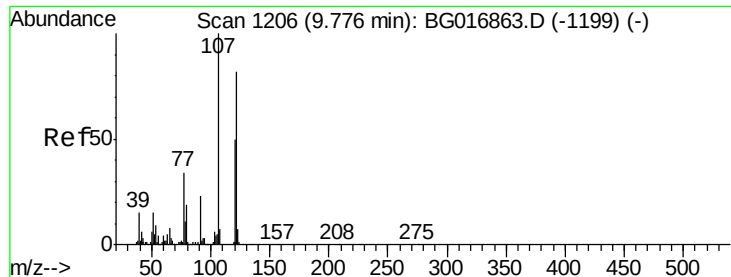
Delta R.T. 0.01 min

Lab File: BG016937.D

Acq: 8 May 2015 1:18

Tgt Ion:	139	Resp:	151599
Ion Ratio	Lower	Upper	
139	100		
109	36.1	27.4	41.2
65	66.1	47.1	70.7





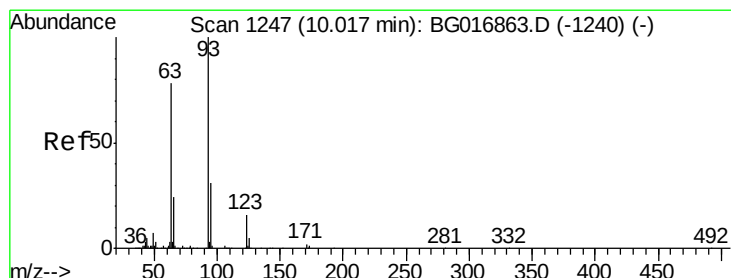
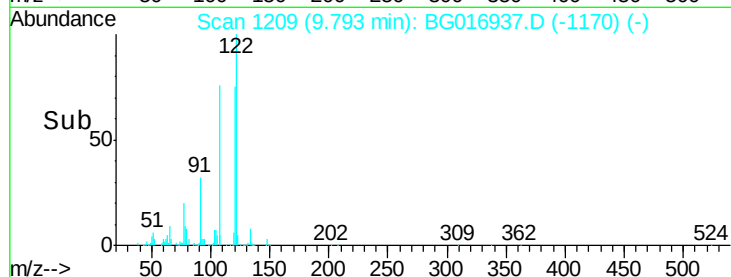
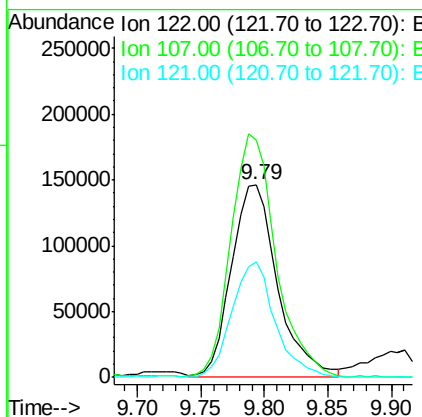
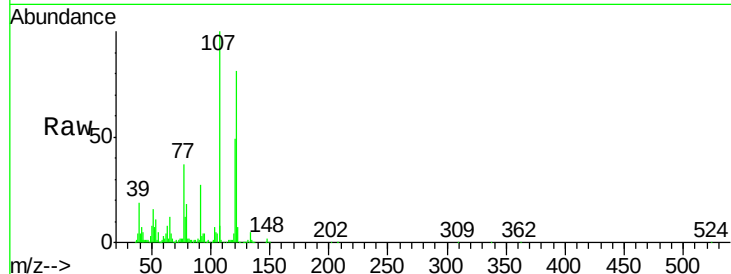
#27
 2,4-Dimethylphenol
 Concen: 63.22 ng
 RT: 9.79 min Scan# 1209
 Delta R.T. 0.03 min
 Lab File: BG016937.D
 Acq: 8 May 2015 1:18

Instrument :
 BNA_G
 ClientSampleId :
 DBMW-01MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
107	123.2	97.6	146.4
121	60.1	48.4	72.6

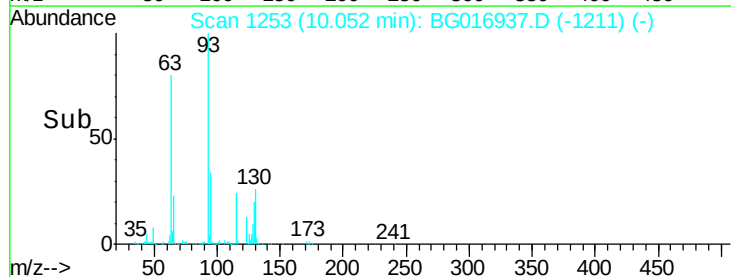
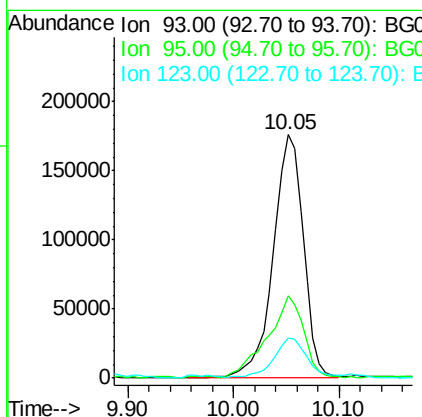
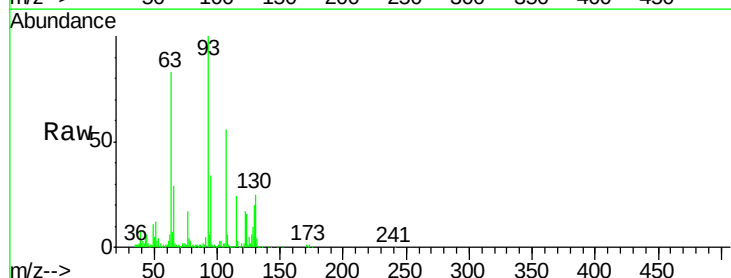
Manual Integrations
 APPROVED

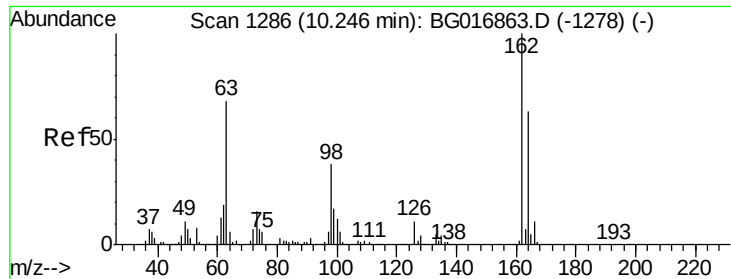
apatel
 5/8/2015 5:08:39 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.33 ng
 RT: 10.05 min Scan# 1253
 Delta R.T. 0.04 min
 Lab File: BG016937.D
 Acq: 8 May 2015 1:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
95	34.0	24.8	37.2
123	16.3	12.6	19.0





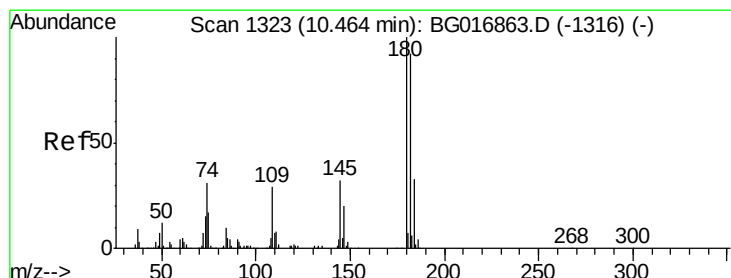
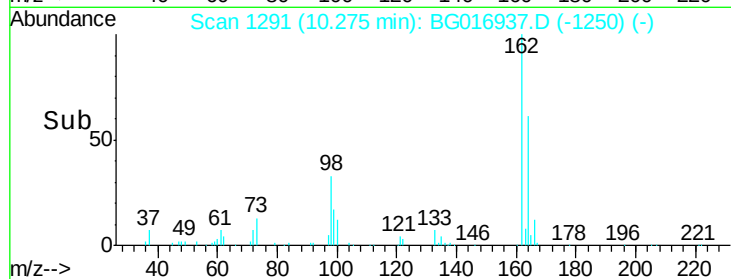
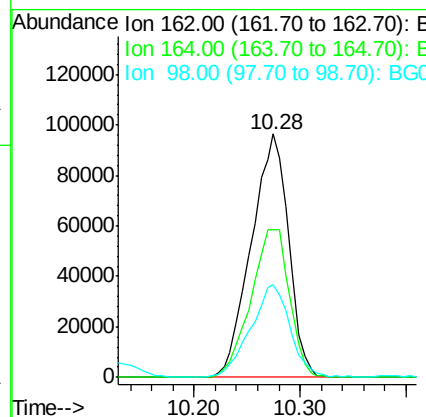
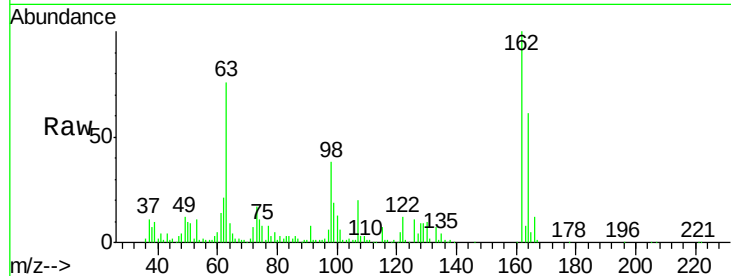
#29
2,4-Dichlorophenol
Concen: 42.84 ng
RT: 10.28 min Scan# 1291
Delta R.T. 0.04 min
Lab File: BG016937.D
Acq: 8 May 2015 1:18

Instrument :
BNA_G
ClientSampleId :
DBMW-01MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	60.7	42.9	82.9
98	38.1	18.4	58.4

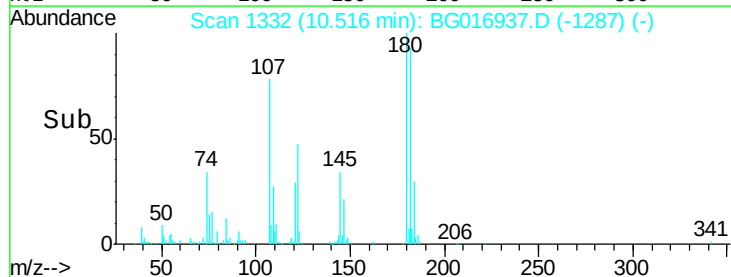
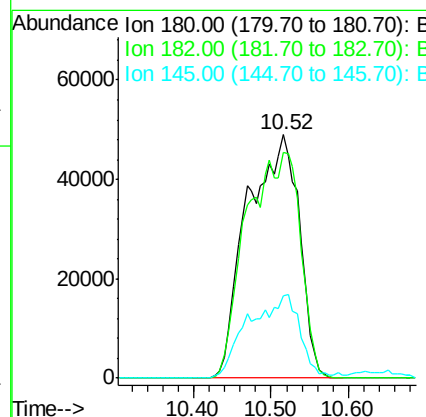
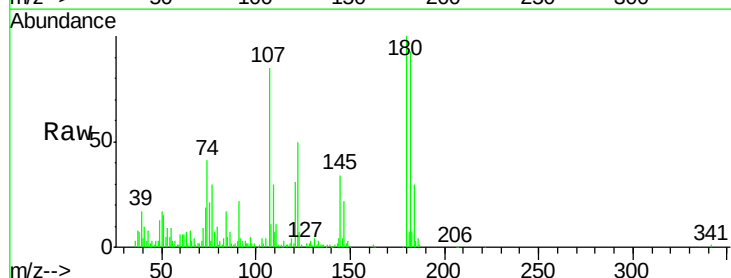
Manual Integrations
APPROVED

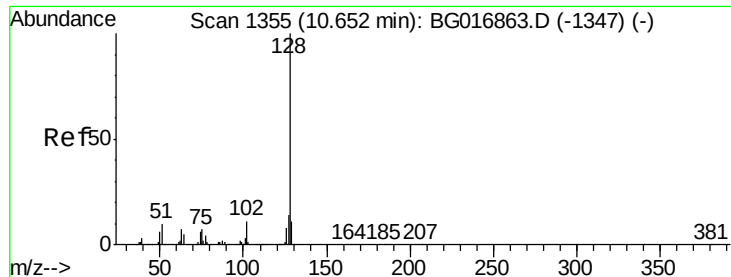
apatel
5/8/2015 5:08:39 PM



#30
1,2,4-Trichlorobenzene
Concen: 38.77 ng m
RT: 10.52 min Scan# 1332
Delta R.T. 0.06 min
Lab File: BG016937.D
Acq: 8 May 2015 1:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	92.9	73.8	110.8
145	33.9	25.4	38.0





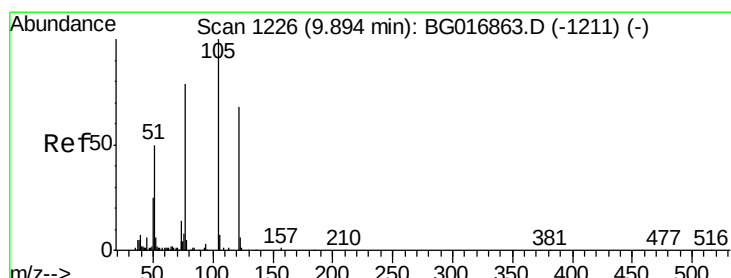
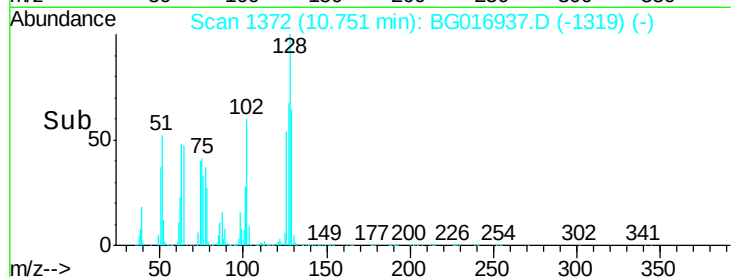
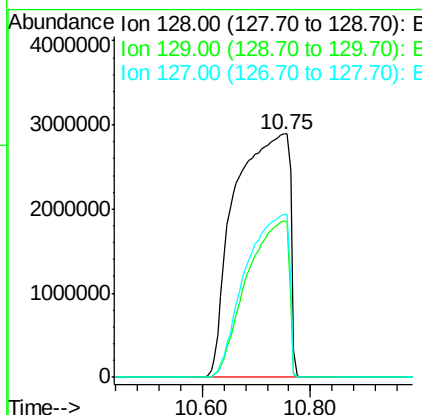
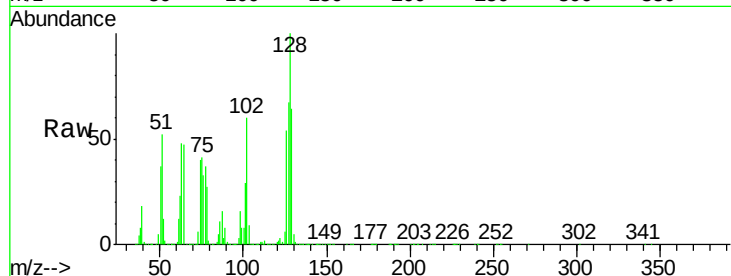
#31
Naphthalene
Concen: 1067.39 ng
RT: 10.75 min Scan# 1372
Delta R.T. 0.11 min
Lab File: BG016937.D
Acq: 8 May 2015 1:18

Instrument :
BNA_G
ClientSampleId :
DBMW-01MSD

Tgt Ion:128 Resp:20328174
Ion Ratio Lower Upper
128 100
129 64.2 9.1 13.7#
127 67.0 10.9 16.3#

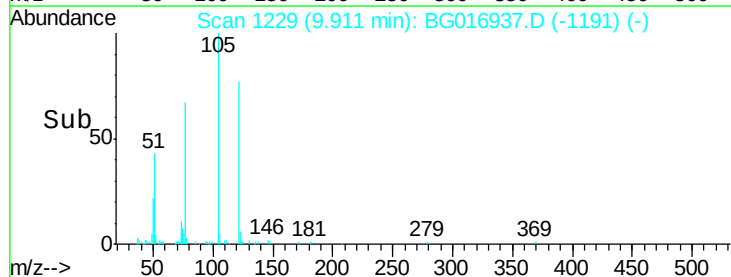
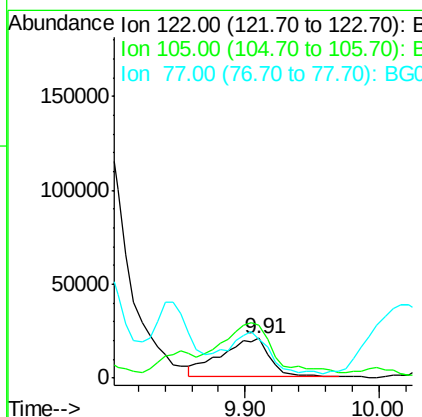
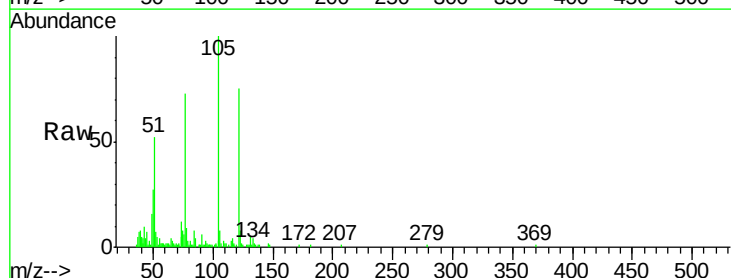
Manual Integrations
APPROVED

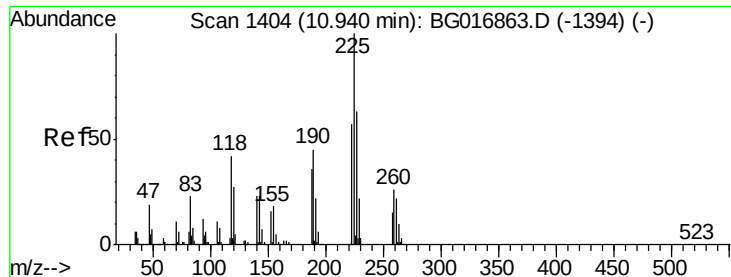
apatel
5/8/2015 5:08:39 PM



#32
Benzoic acid
Concen: 18.98 ng
RT: 9.91 min Scan# 1229
Delta R.T. 0.02 min
Lab File: BG016937.D
Acq: 8 May 2015 1:18

Tgt Ion:122 Resp: 53159
Ion Ratio Lower Upper
122 100
105 133.7 123.2 163.2
77 97.3 93.0 133.0





#34

Hexachlorobutadiene

Concen: 35.76 ng

RT: 10.94 min Scan# 1404

Delta R.T. 0.01 min

Lab File: BG016937.D

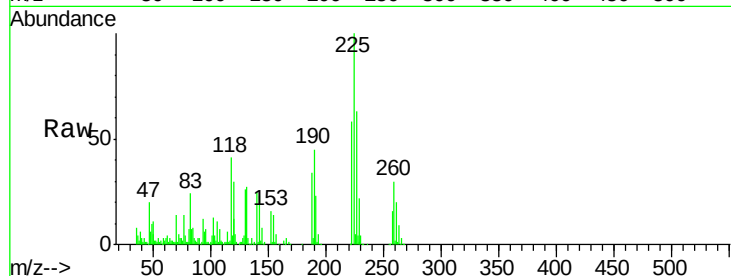
Acq: 8 May 2015 1:18

Instrument :

BNA_G

ClientSampleId :

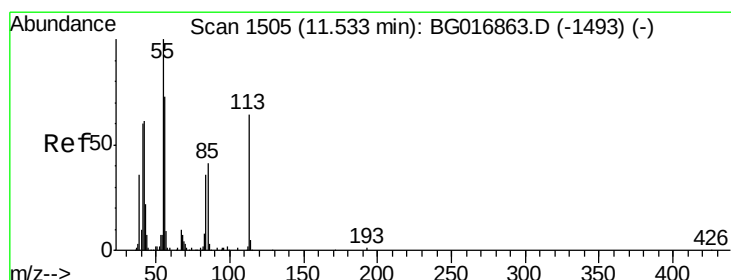
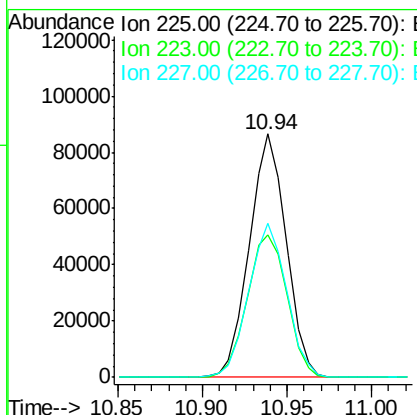
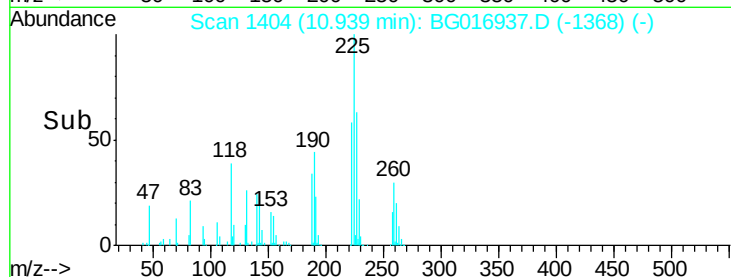
DBMW-01MSD



Tgt Ion	Ratio	Resp	Lower	Upper
225	100	130791		
223	58.5	45.8	68.6	
227	63.3	50.7	76.1	

Manual Integrations
APPROVED

apatel
5/8/2015 5:08:39 PM



#35

Caprolactam

Concen: 4.42 ng

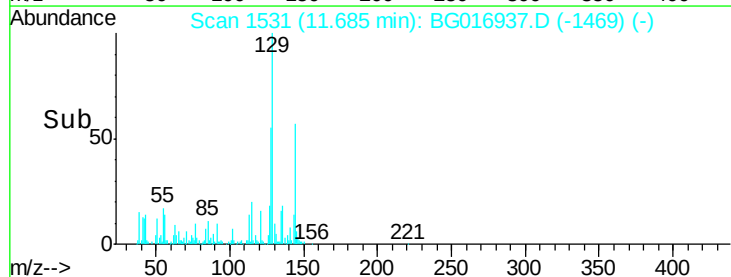
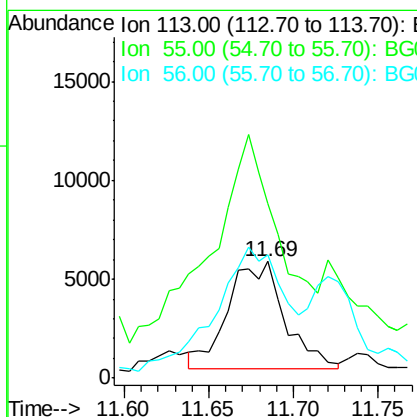
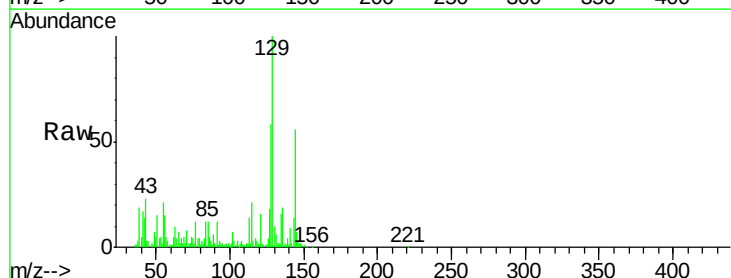
RT: 11.69 min Scan# 1531

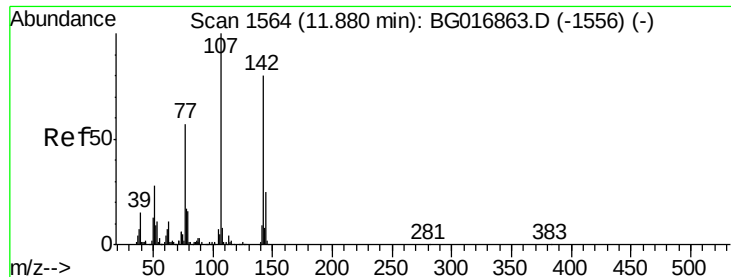
Delta R.T. 0.16 min

Lab File: BG016937.D

Acq: 8 May 2015 1:18

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	12641		
55	149.2	137.1	177.1	
56	105.3	94.3	134.3	





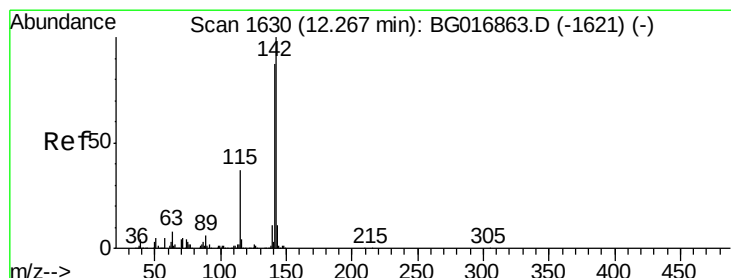
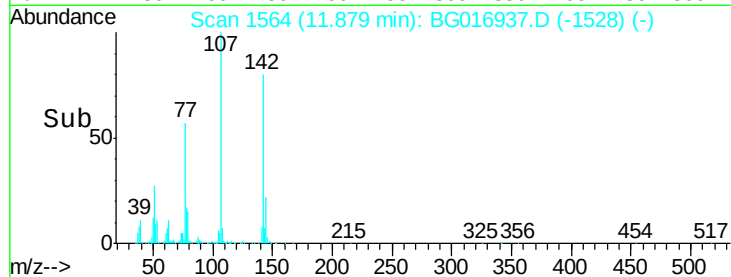
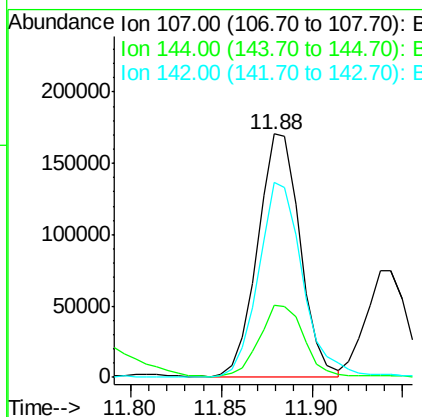
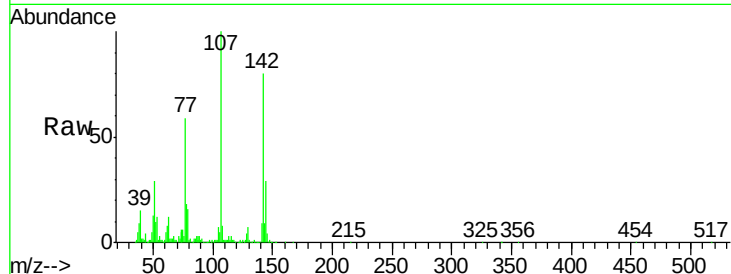
#36
 4-Chloro-3-methylphenol
 Concen: 39.10 ng
 RT: 11.88 min Scan# 1564
 Delta R.T. 0.01 min
 Lab File: BG016937.D
 Acq: 8 May 2015 1:18

Instrument :
 BNA_G
 ClientSampleId :
 DBMW-01MSD

Tgt Ion	Ratio	Lower	Upper
107	100		
144	29.4	20.2	30.2
142	80.0	64.2	96.2

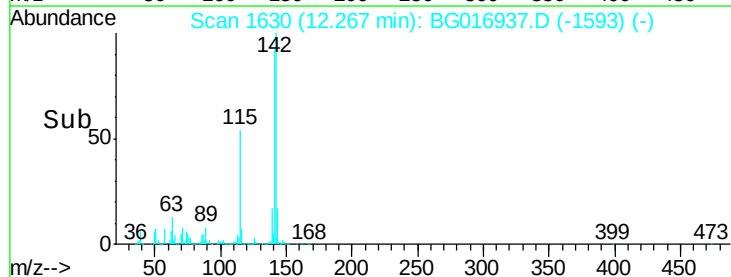
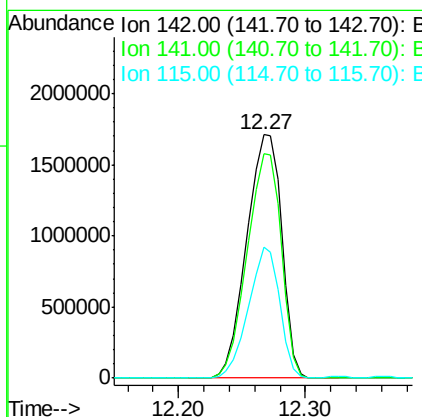
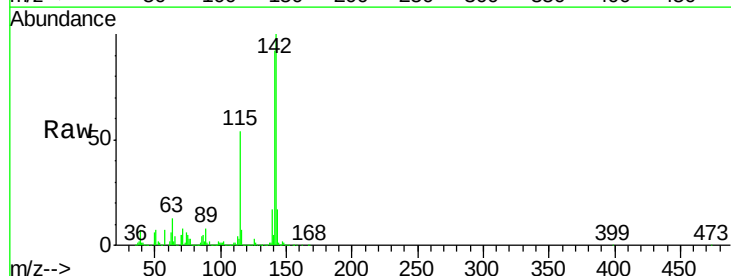
Manual Integrations
 APPROVED

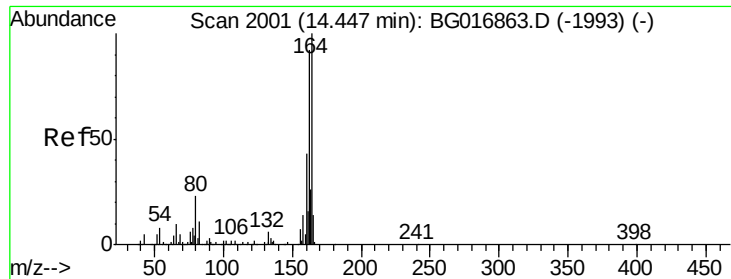
apatel
 5/8/2015 5:08:39 PM



#37
 2-Methylnaphthalene
 Concen: 226.58 ng
 RT: 12.27 min Scan# 1630
 Delta R.T. 0.01 min
 Lab File: BG016937.D
 Acq: 8 May 2015 1:18

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	69.9	104.9
115	53.7	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: BG016937.D

Acq: 8 May 2015 1:18

Instrument :

BNA_G

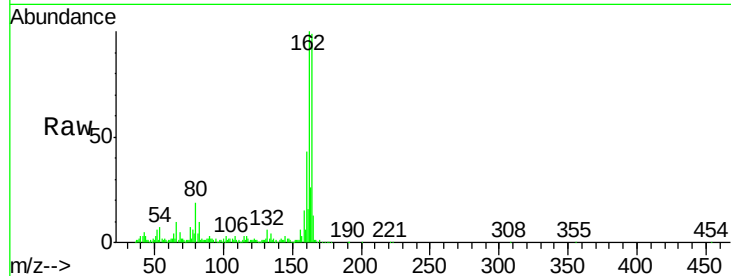
ClientSampleId :

DBMW-01MSD

Tgt Ion:	164	Resp:	219186
Ion Ratio	Lower	Upper	
164	100		
162	101.0	74.0	111.0
160	43.7	34.7	52.1

Manual Integrations
APPROVED

apatel
5/8/2015 5:08:39 PM

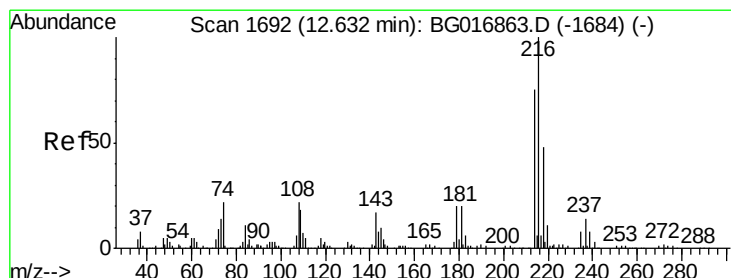
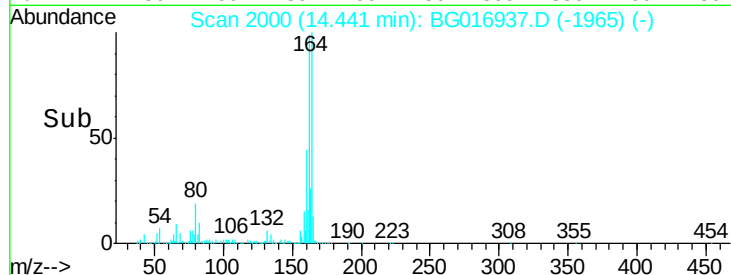
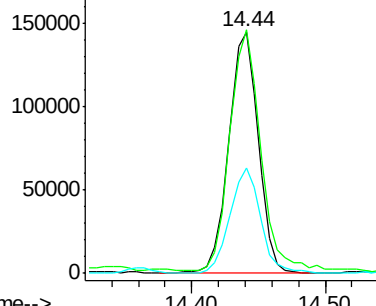


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.43 ng

RT: 12.63 min Scan# 1692

Delta R.T. 0.01 min

Lab File: BG016937.D

Acq: 8 May 2015 1:18

Tgt Ion:	216	Resp:	269176
Ion Ratio	Lower	Upper	
216	100		
214	78.8	0.0	0.0#
179	21.9	0.0	0.0#
108	29.8	0.0	0.0#

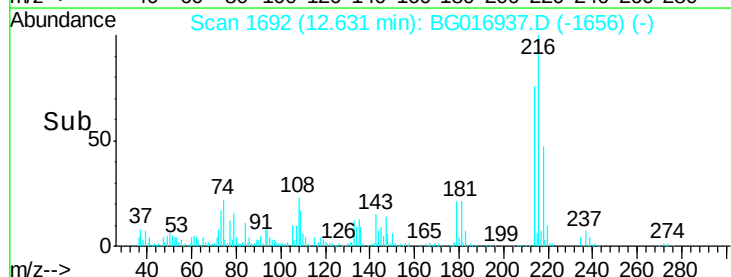
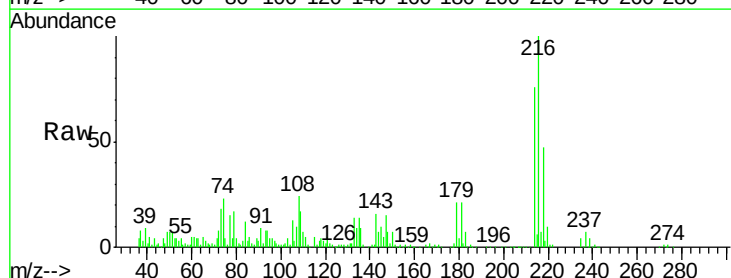
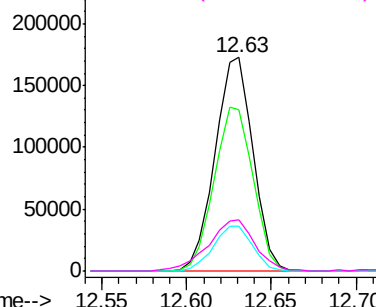
Abundance

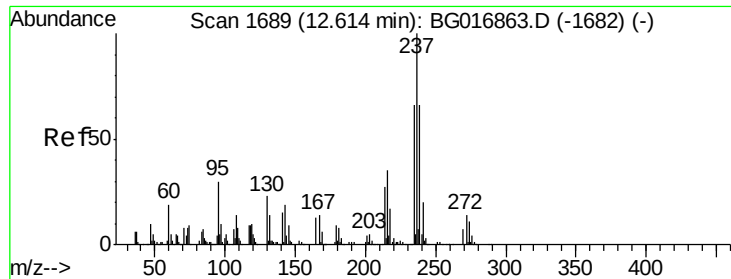
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





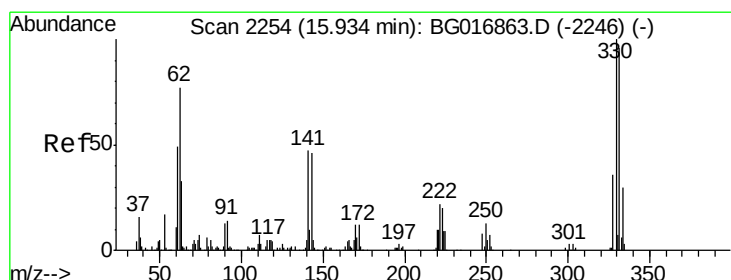
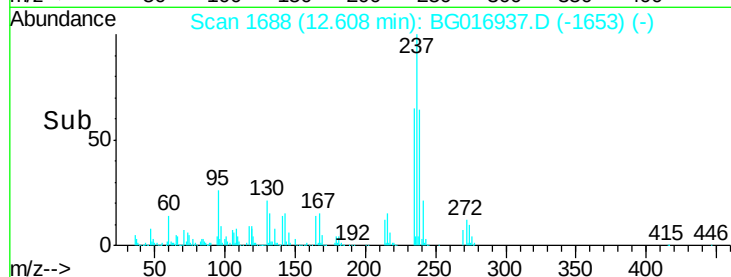
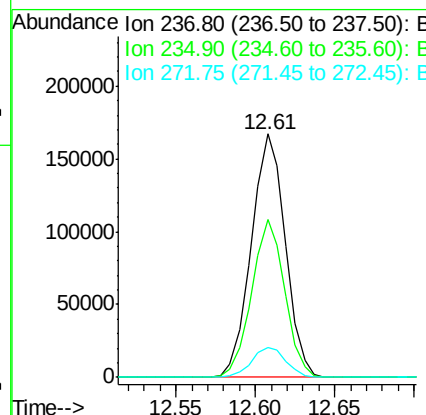
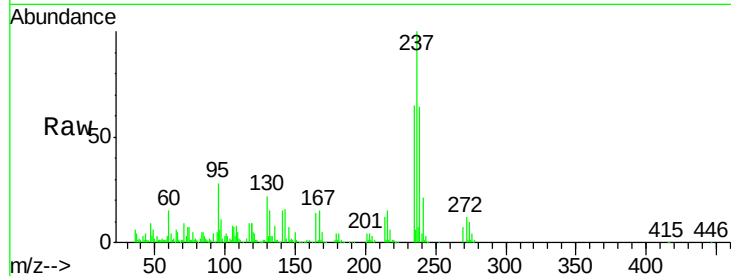
#40
Hexachlorocyclopentadiene
Concen: 64.88 ng
RT: 12.61 min Scan# 1688
Delta R.T. 0.00 min
Lab File: BG016937.D
Acq: 8 May 2015 1:18

Instrument :
BNA_G
ClientSampleId :
DBMW-01MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	65.0	45.5	85.5
272	12.1	0.0	33.7

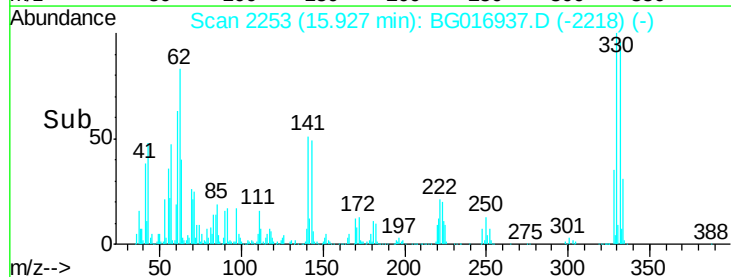
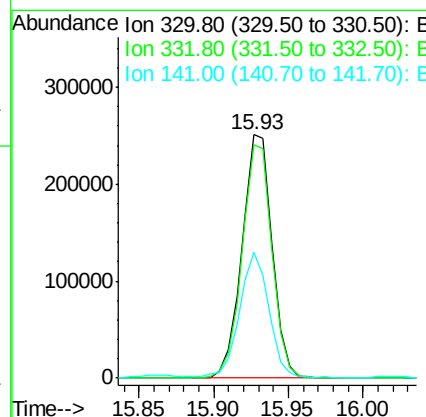
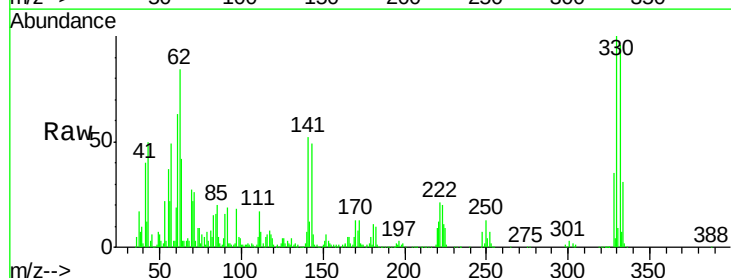
Manual Integrations
APPROVED

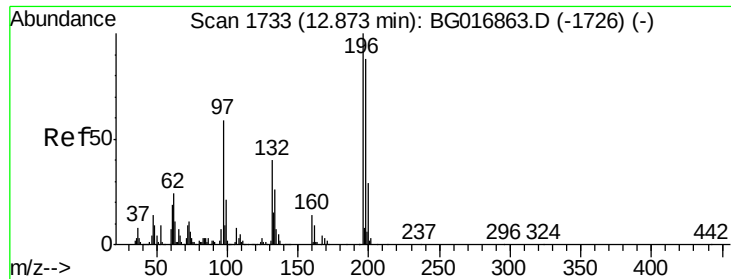
apatel
5/8/2015 5:08:39 PM



#41
2,4,6-Tribromophenol
Concen: 159.17 ng
RT: 15.93 min Scan# 2253
Delta R.T. 0.00 min
Lab File: BG016937.D
Acq: 8 May 2015 1:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	95.4	0.0	0.0#
141	50.6	0.0	0.0#





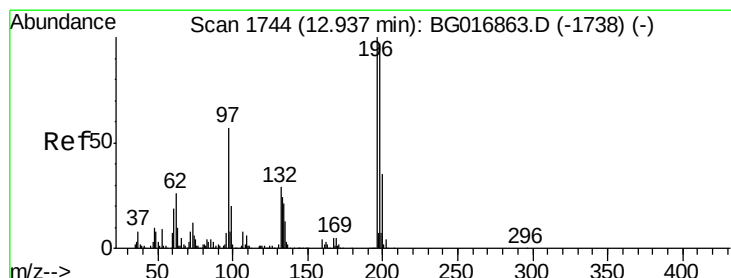
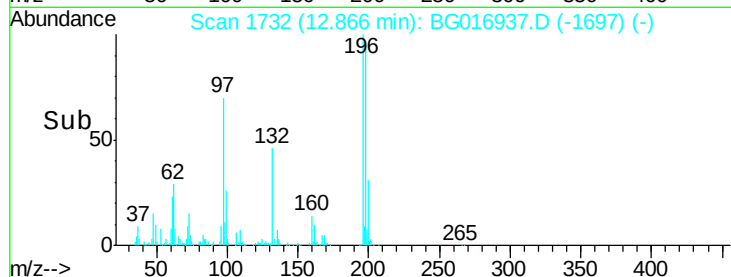
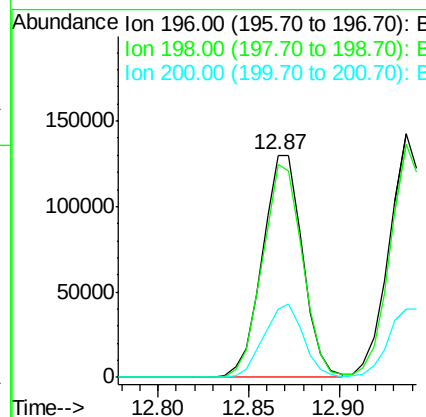
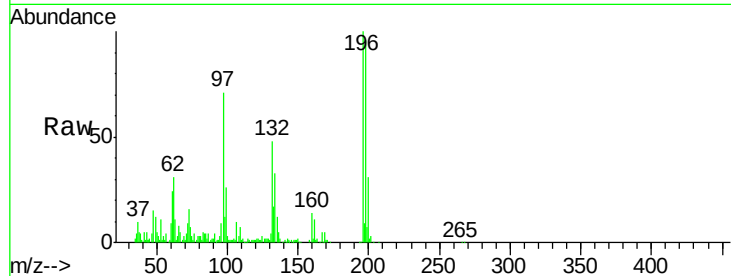
#42
 2,4,6-Trichlorophenol
 Concen: 47.66 ng
 RT: 12.87 min Scan# 1732
 Delta R.T. 0.00 min
 Lab File: BG016937.D
 Acq: 8 May 2015 1:18

Instrument :
 BNA_G
 ClientSampleId :
 DBMW-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	200121		
198	95.7	70.7	106.1	
200	31.0	23.0	34.4	

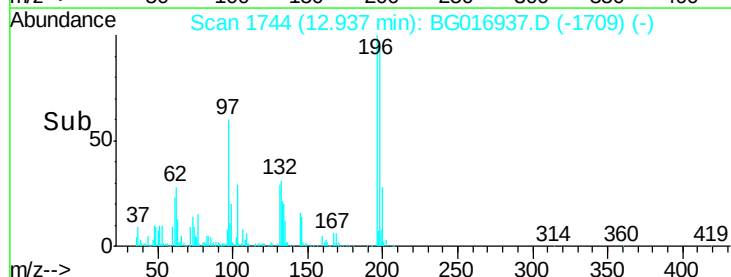
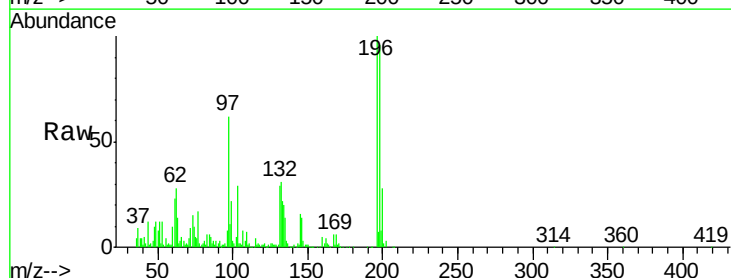
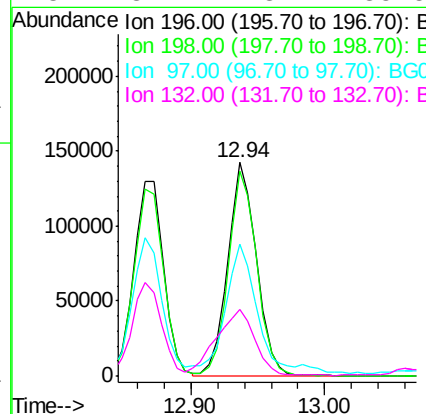
Manual Integrations
 APPROVED

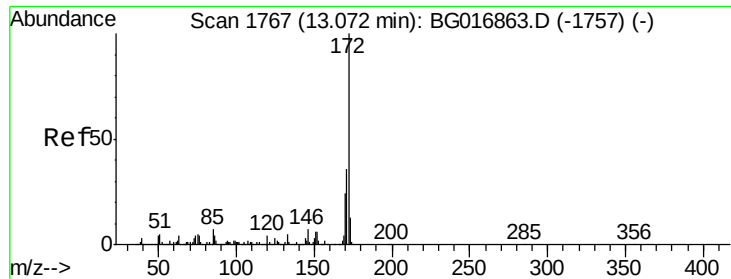
apatel
 5/8/2015 5:08:39 PM



#43
 2,4,5-Trichlorophenol
 Concen: 48.29 ng
 RT: 12.94 min Scan# 1744
 Delta R.T. 0.00 min
 Lab File: BG016937.D
 Acq: 8 May 2015 1:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	215234		
198	95.9	77.5	116.3	
97	61.5	45.9	68.9	
132	31.1	23.7	35.5	





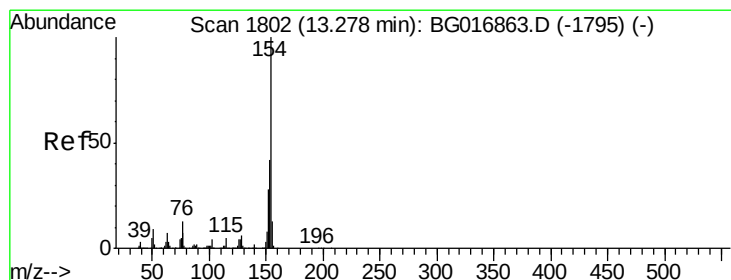
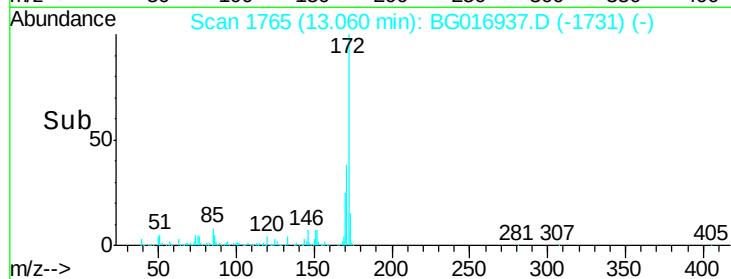
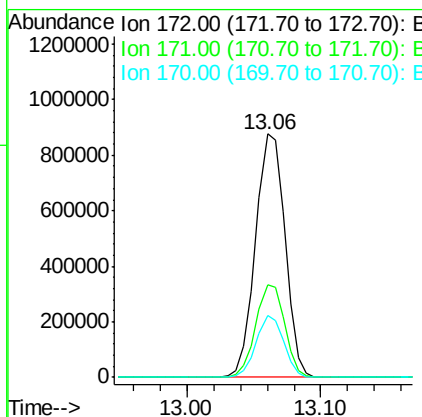
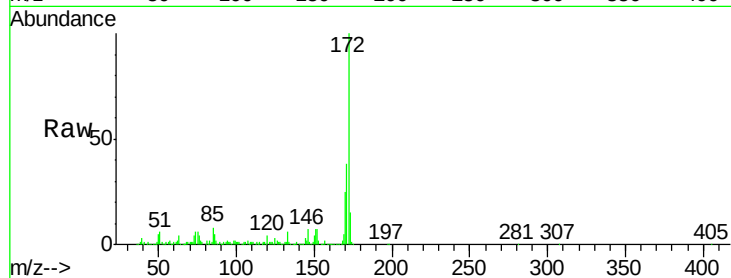
#44
2-Fluorobiphenyl
Concen: 91.92 ng
RT: 13.06 min Scan# 1765
Delta R.T. -0.00 min
Lab File: BG016937.D
Acq: 8 May 2015 1:18

Instrument :
BNA_G
ClientSampleId :
DBMW-01MSD

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	29.0	43.4
170	25.5	19.0	28.4

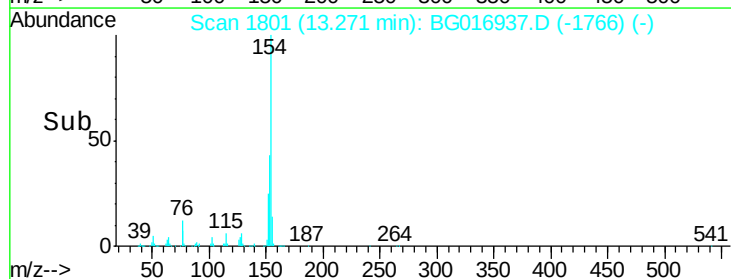
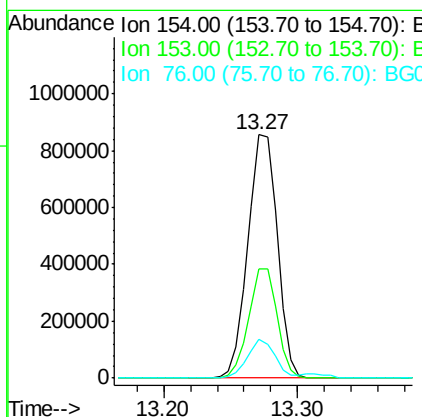
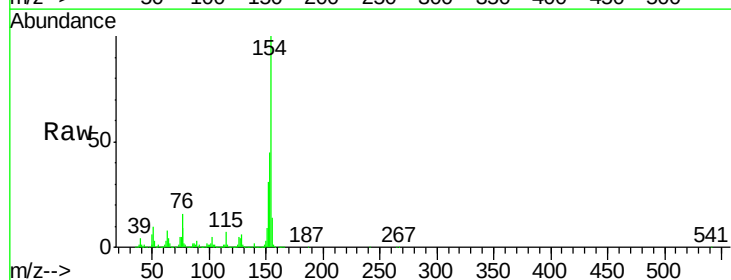
Manual Integrations
APPROVED

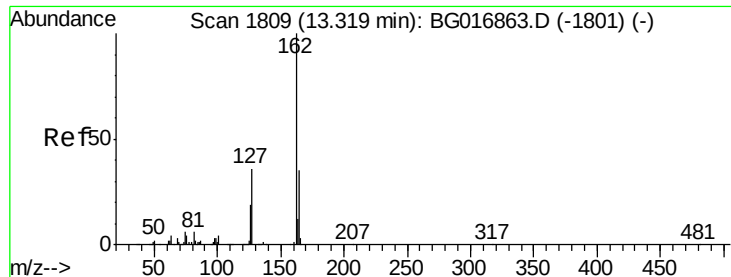
apatel
5/8/2015 5:08:39 PM



#45
1,1'-Biphenyl
Concen: 82.67 ng
RT: 13.27 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BG016937.D
Acq: 8 May 2015 1:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.6	22.0	62.0
76	15.9	0.0	33.3





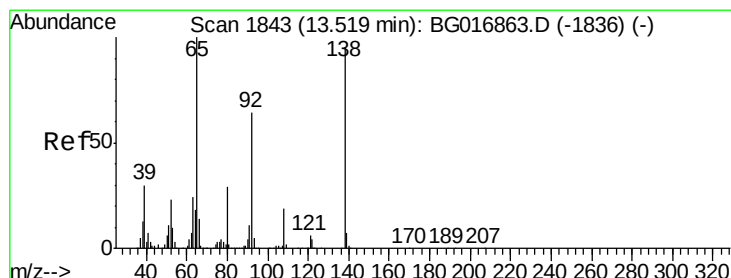
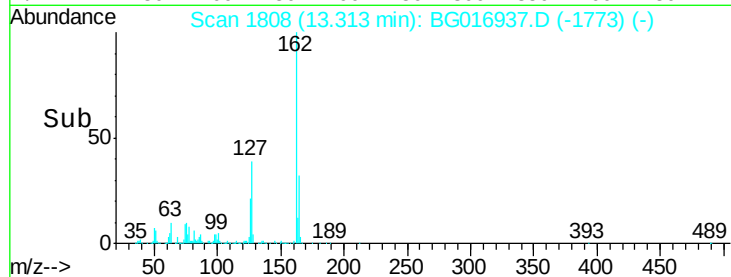
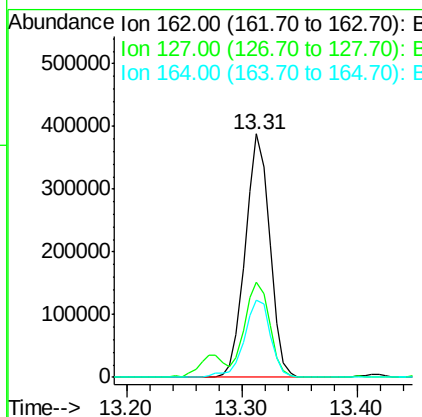
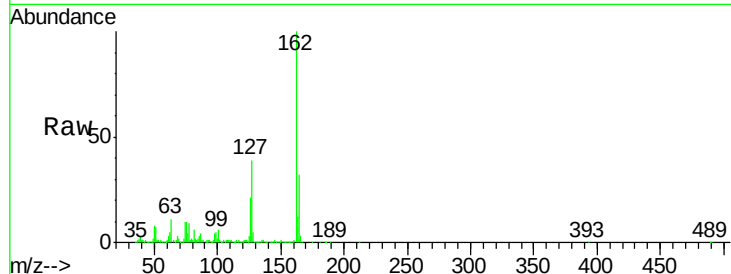
#46
2-Chloronaphthalene
Concen: 45.90 ng
RT: 13.31 min Scan# 1808
Delta R.T. 0.00 min
Lab File: BG016937.D
Acq: 8 May 2015 1:18

Instrument :
BNA_G
ClientSampleId :
DBMW-01MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	39.1	31.2	46.8
164	31.7	27.8	41.6

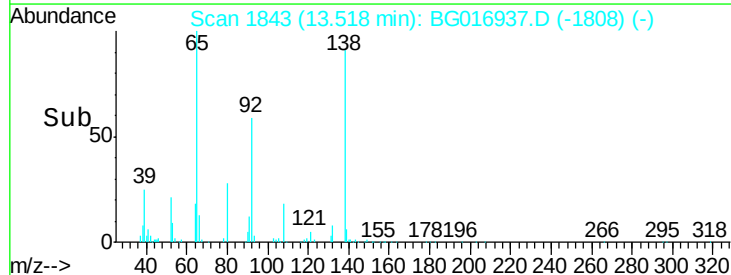
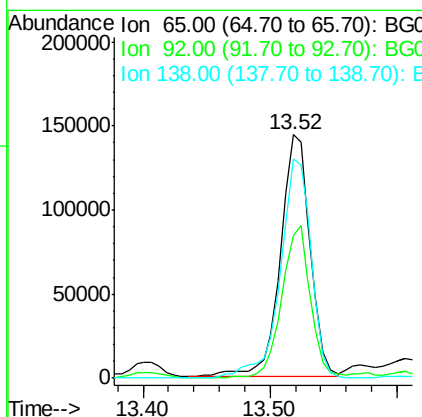
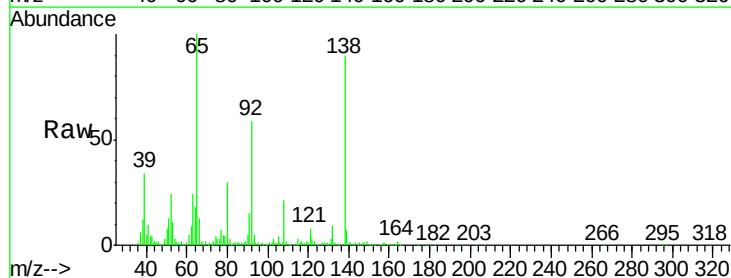
Manual Integrations
APPROVED

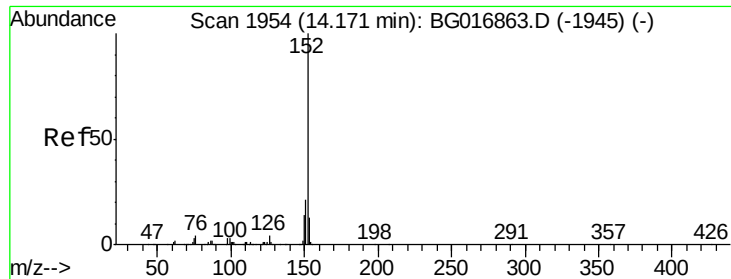
apatel
5/8/2015 5:08:39 PM



#47
2-Nitroaniline
Concen: 54.54 ng
RT: 13.52 min Scan# 1843
Delta R.T. 0.00 min
Lab File: BG016937.D
Acq: 8 May 2015 1:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
65	100		
92	58.7	51.0	76.6
138	89.9	76.2	114.2





#48

Acenaphthylene

Concen: 60.78 ng

RT: 14.16 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BG016937.D

Acq: 8 May 2015 1:18

Instrument :

BNA_G

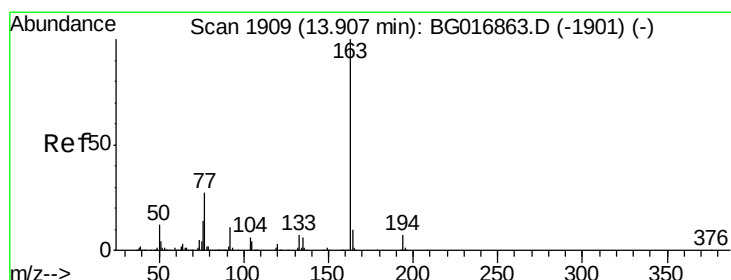
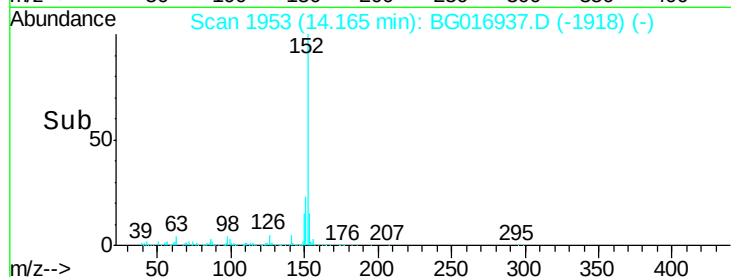
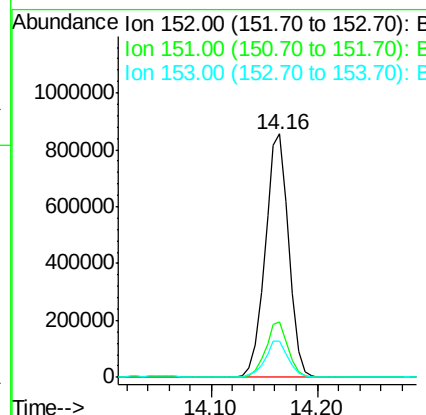
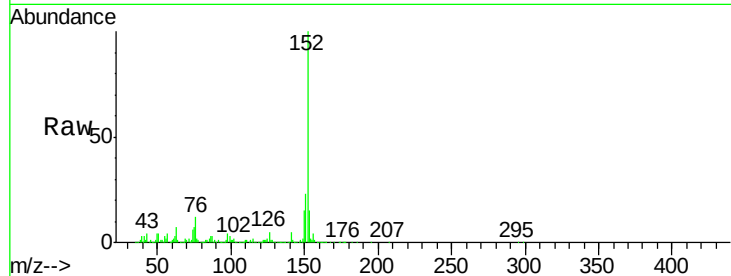
ClientSampleId :

DBMW-01MSD

Tgt Ion:	152	Resp:	1315707
Ion	Ratio	Lower	Upper
152	100		
151	22.8	17.0	25.4
153	15.0	10.7	16.1

Manual Integrations
APPROVED

apatel
5/8/2015 5:08:39 PM



#49

Dimethylphthalate

Concen: 44.96 ng

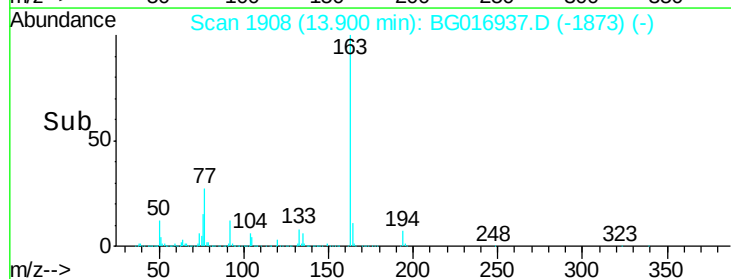
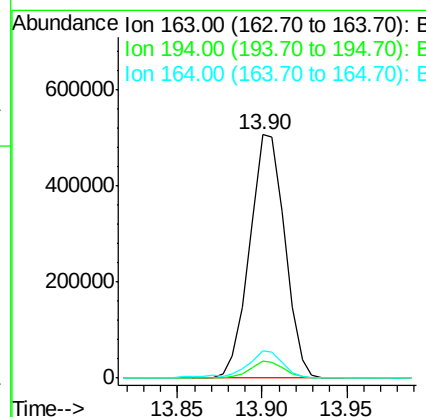
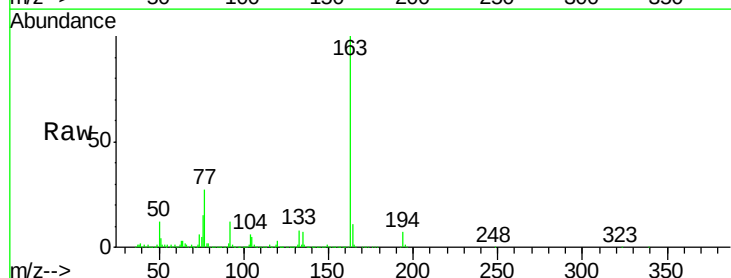
RT: 13.90 min Scan# 1908

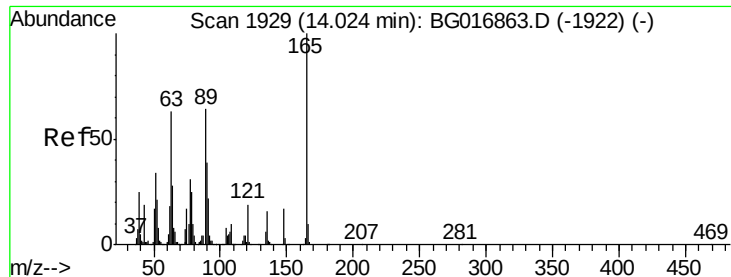
Delta R.T. 0.00 min

Lab File: BG016937.D

Acq: 8 May 2015 1:18

Tgt Ion:	163	Resp:	735869
Ion	Ratio	Lower	Upper
163	100		
194	6.8	5.2	7.8
164	11.4	8.4	12.6





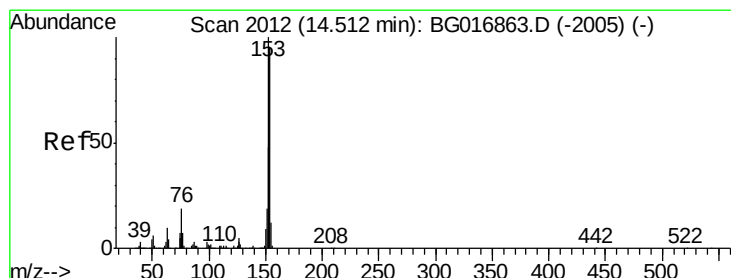
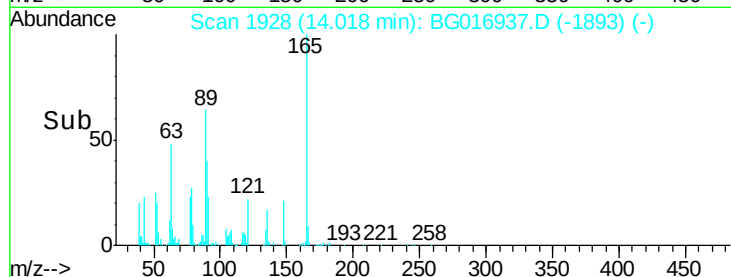
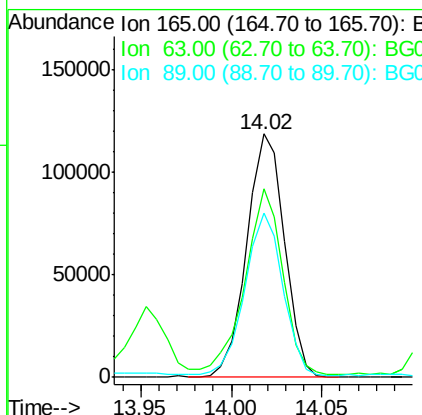
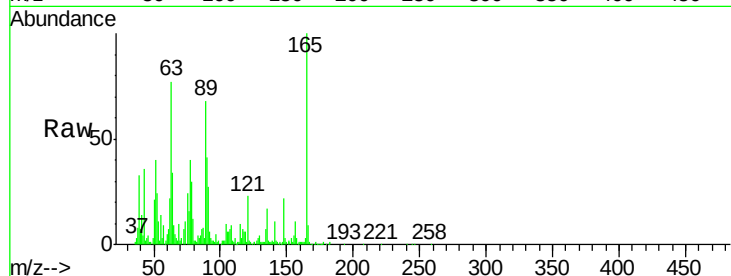
#50
2,6-Dinitrotoluene
Concen: 50.57 ng
RT: 14.02 min Scan# 1928
Delta R.T. 0.00 min
Lab File: BG016937.D
Acq: 8 May 2015 1:18

Instrument :
BNA_G
ClientSampleId :
DBMW-01MSD

Tgt Ion	Ratio	Lower	Upper
165	100		
63	77.3	50.9	76.3#
89	67.6	51.4	77.2

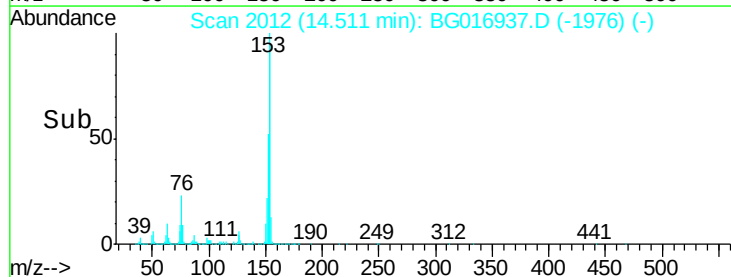
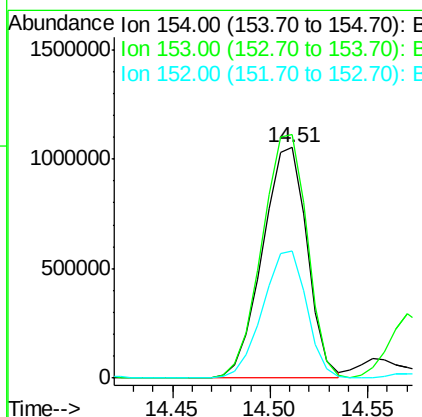
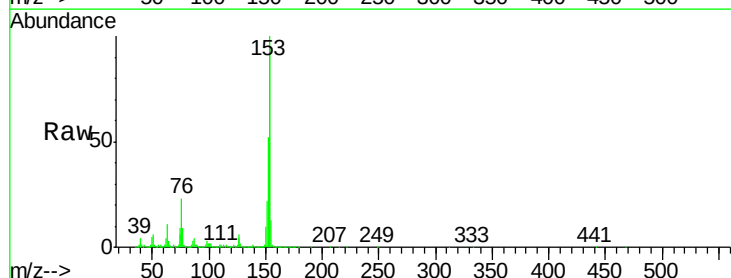
Manual Integrations
APPROVED

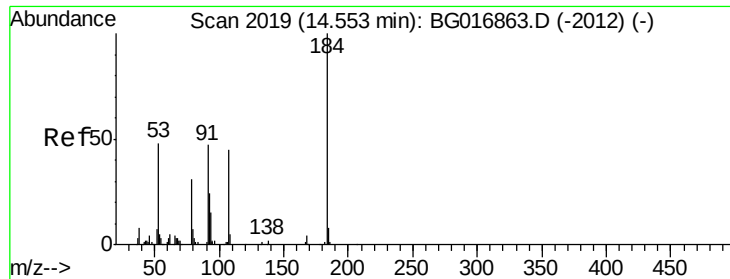
apatel
5/8/2015 5:08:39 PM



#51
Acenaphthene
Concen: 129.38 ng
RT: 14.51 min Scan# 2012
Delta R.T. 0.01 min
Lab File: BG016937.D
Acq: 8 May 2015 1:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	105.7	84.2	126.4
152	55.2	40.2	60.2





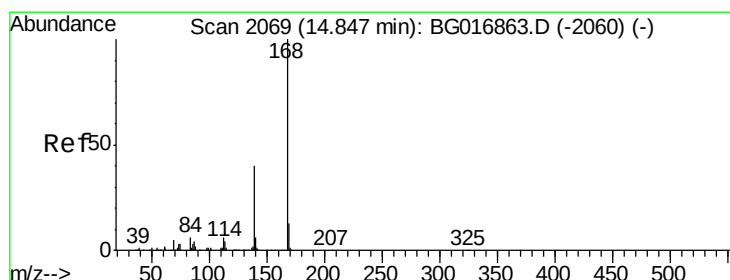
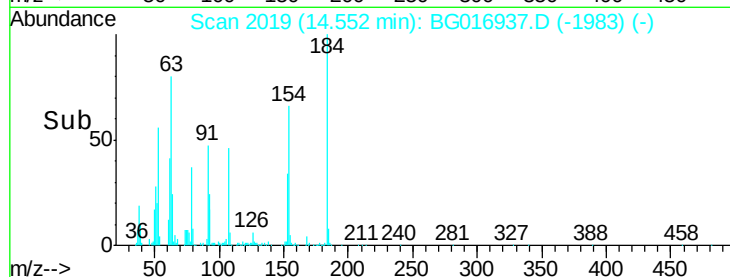
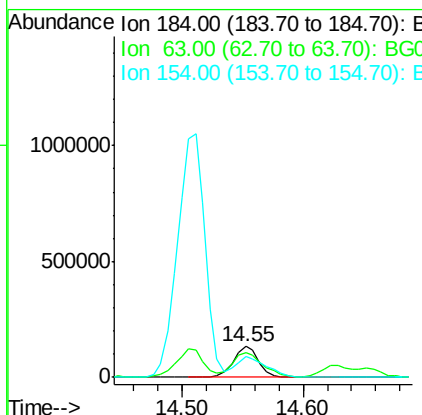
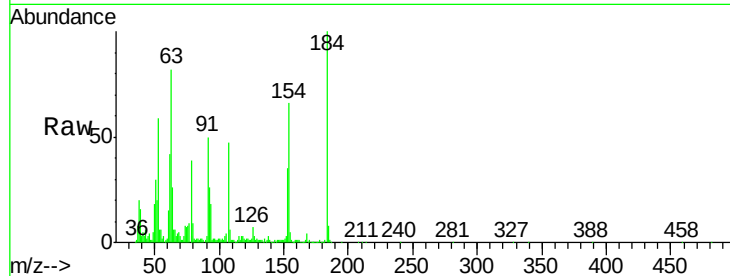
#53
2,4-Dinitrophenol
Concen: 122.58 ng
RT: 14.55 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BG016937.D
Acq: 8 May 2015 1:18

Instrument :
BNA_G
ClientSampleId :
DBMW-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	190528		
63	82.2	53.4	80.0#	
154	66.2	41.0	61.6#	

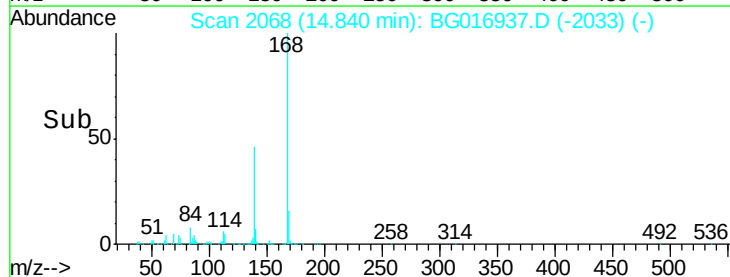
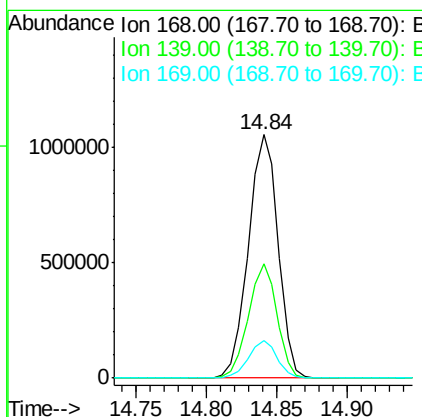
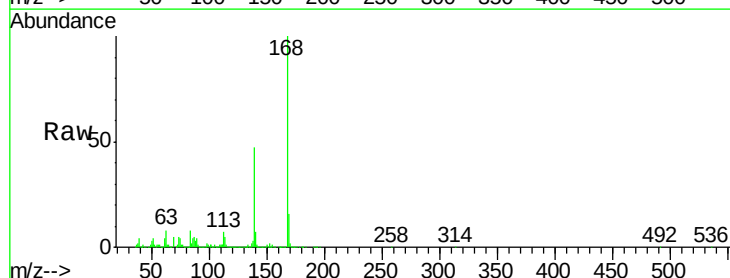
Manual Integrations
APPROVED

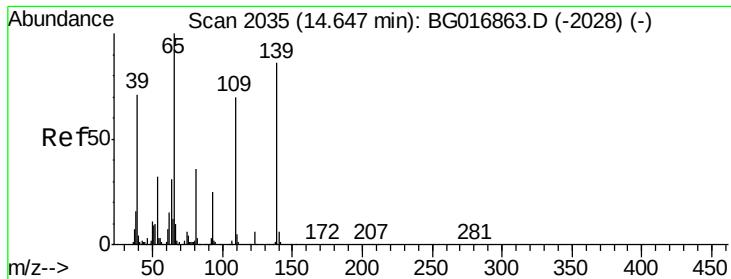
apatel
5/8/2015 5:08:39 PM



#54
Dibenzofuran
Concen: 85.05 ng
RT: 14.84 min Scan# 2068
Delta R.T. 0.00 min
Lab File: BG016937.D
Acq: 8 May 2015 1:18

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1555715		
139	46.8	32.5	48.7	
169	15.6	10.4	15.6#	





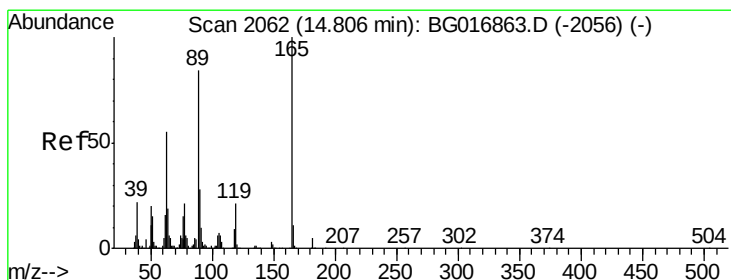
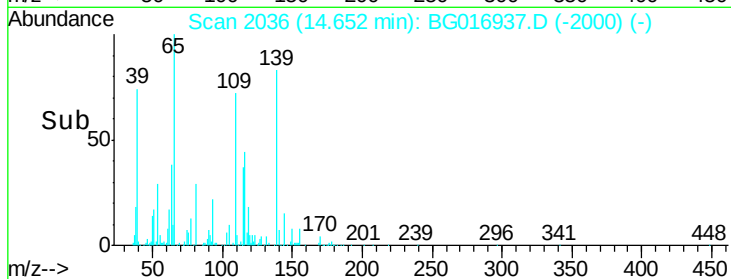
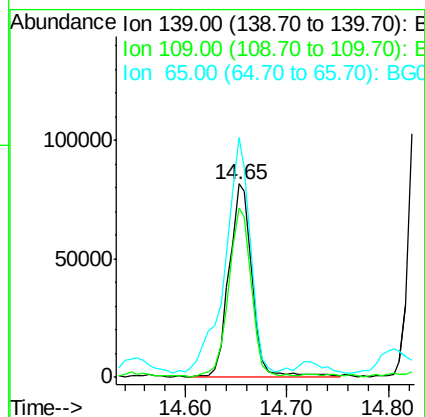
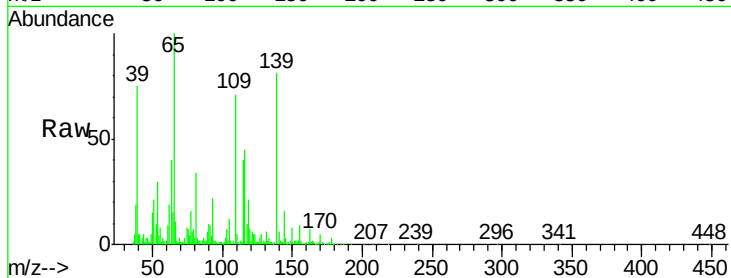
#55
4-Nitrophenol
Concen: 38.69 ng
RT: 14.65 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BG016937.D
Acq: 8 May 2015 1:18

Instrument :
BNA_G
ClientSampleId :
DBMW-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	126836		
109	87.5	61.8	101.8	
65	124.0	96.8	136.8	

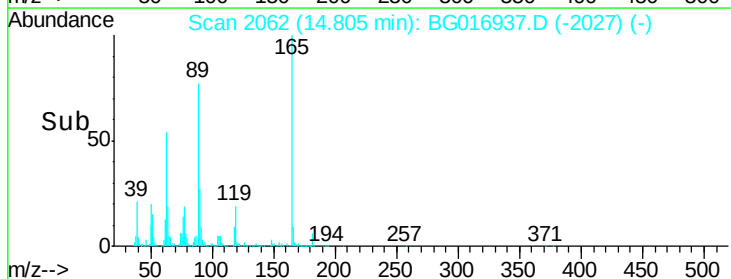
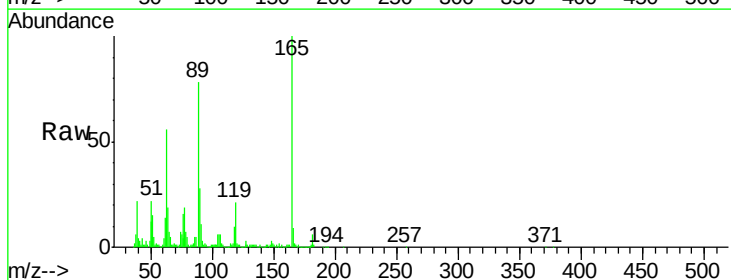
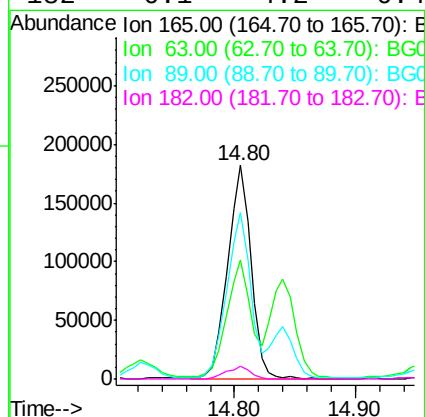
Manual Integrations
APPROVED

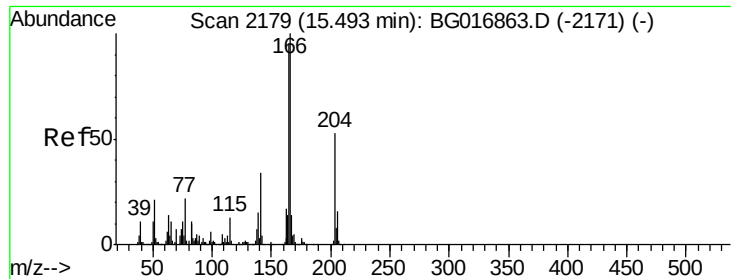
apatel
5/8/2015 5:08:39 PM



#56
2,4-Dinitrotoluene
Concen: 56.13 ng
RT: 14.80 min Scan# 2062
Delta R.T. 0.00 min
Lab File: BG016937.D
Acq: 8 May 2015 1:18

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	244023		
63	55.7	44.2	66.4	
89	78.0	67.2	100.8	
182	6.1	4.2	6.4	





#57

Fluorene

Concen: 83.55 ng

RT: 15.49 min Scan# 2178

Delta R.T. 0.00 min

Lab File: BG016937.D

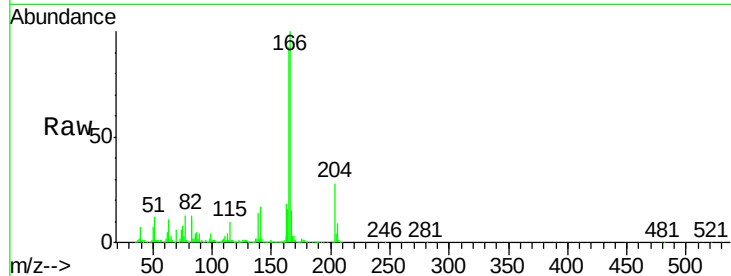
Acq: 8 May 2015 1:18

Instrument :

BNA_G

ClientSampleId :

DBMW-01MSD



Tgt Ion:166 Resp: 1353138

Ion Ratio Lower Upper

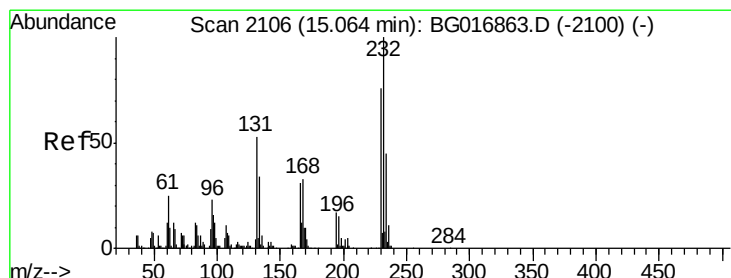
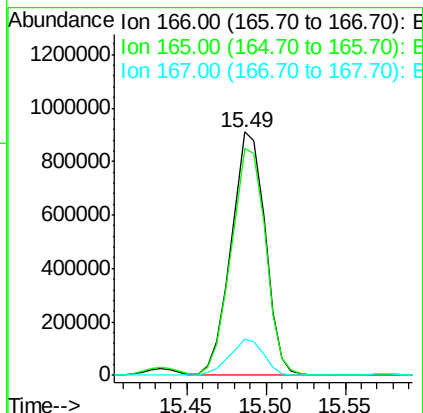
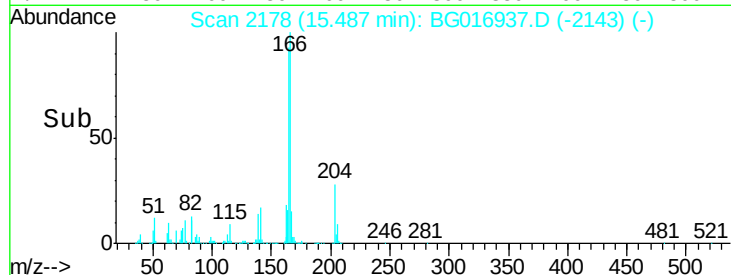
166 100

165 93.2 76.1 114.1

167 15.1 11.4 17.2

Manual Integrations
APPROVED

apatel
5/8/2015 5:08:39 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.99 ng

RT: 15.06 min Scan# 2106

Delta R.T. 0.00 min

Lab File: BG016937.D

Acq: 8 May 2015 1:18

Tgt Ion:232 Resp: 196092

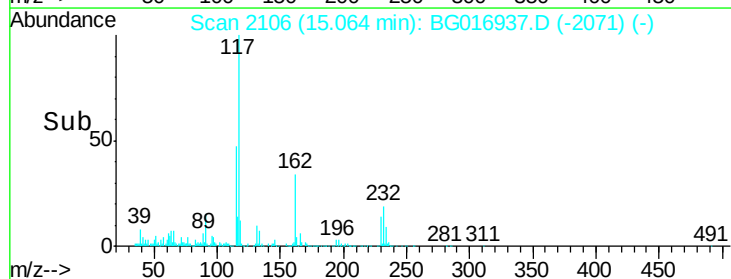
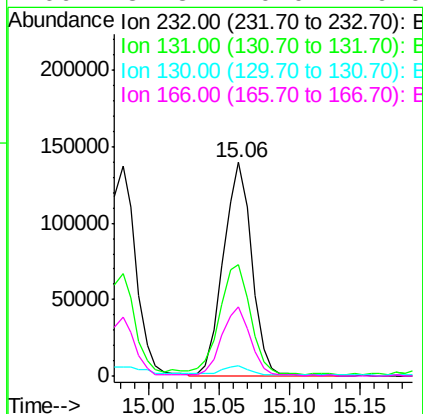
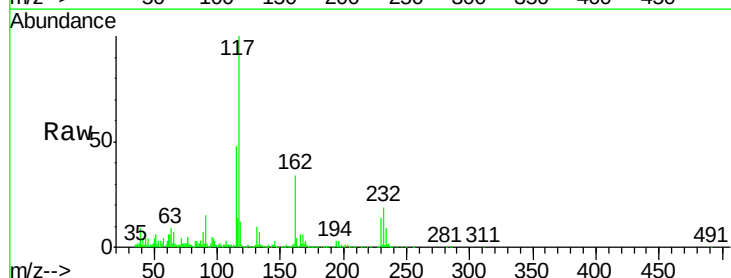
Ion Ratio Lower Upper

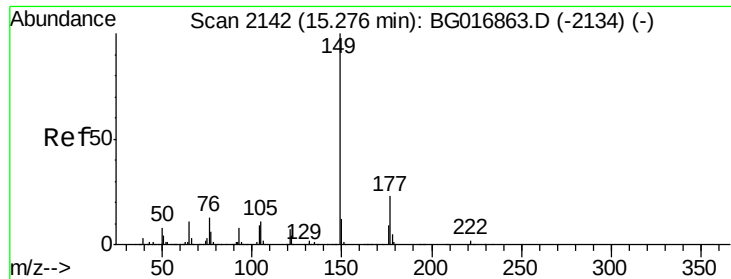
232 100

131 56.1 0.1 0.1#

130 4.3 0.0 0.0#

166 32.3 0.0 0.0#





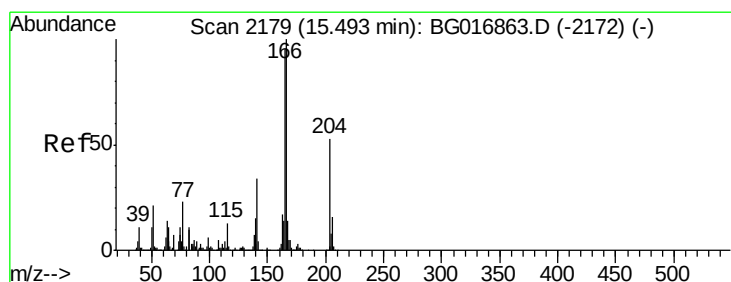
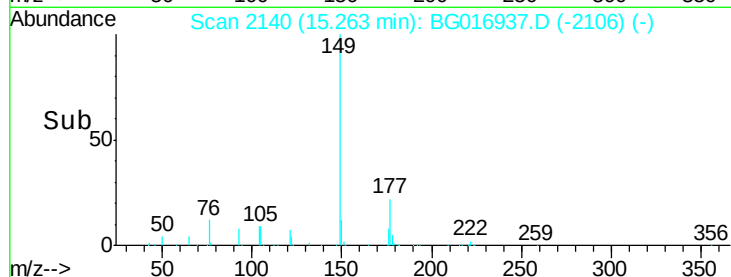
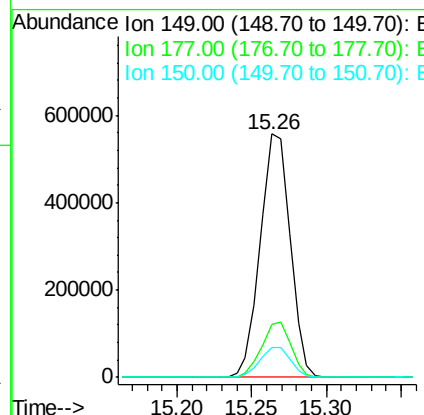
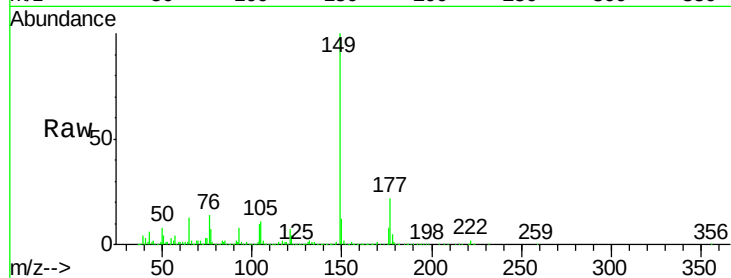
#59
Diethylphthalate
Concen: 44.47 ng
RT: 15.26 min Scan# 2140
Delta R.T. -0.00 min
Lab File: BG016937.D
Acq: 8 May 2015 1:18

Instrument :
BNA_G
ClientSampleId :
DBMW-01MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	21.7	18.6	27.8
150	12.1	9.8	14.8

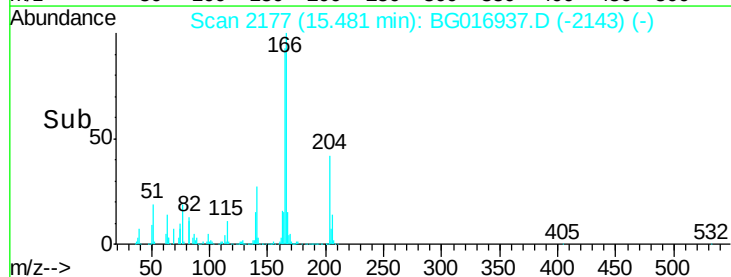
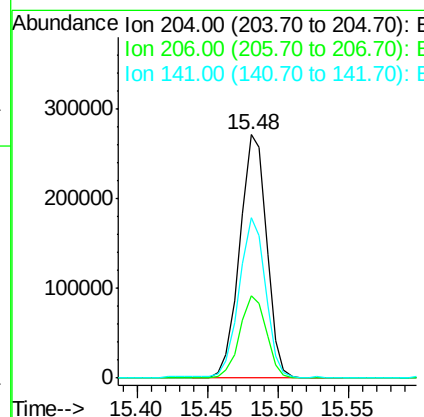
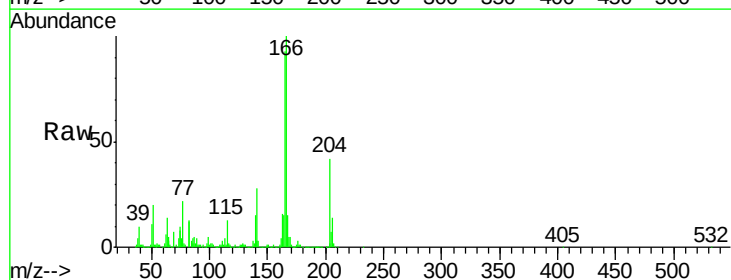
Manual Integrations
APPROVED

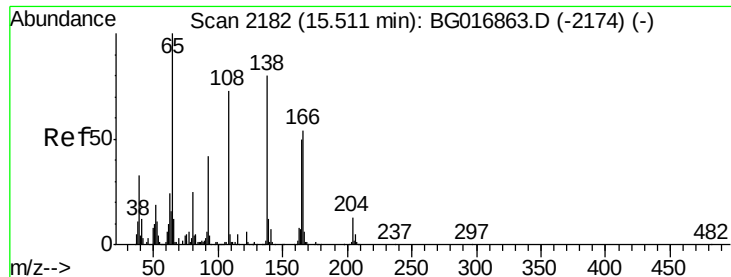
apatel
5/8/2015 5:08:39 PM



#60
4-Chlorophenyl-phenylether
Concen: 44.34 ng
RT: 15.48 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BG016937.D
Acq: 8 May 2015 1:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	33.7	24.8	37.2
141	65.9	52.4	78.6





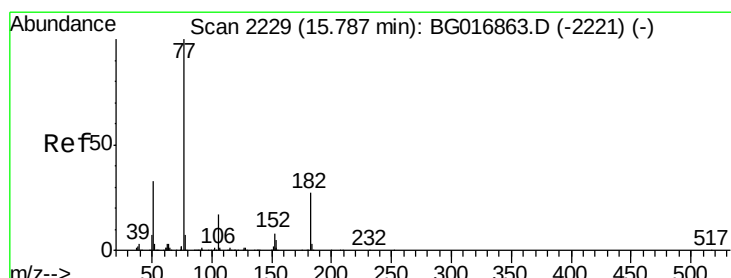
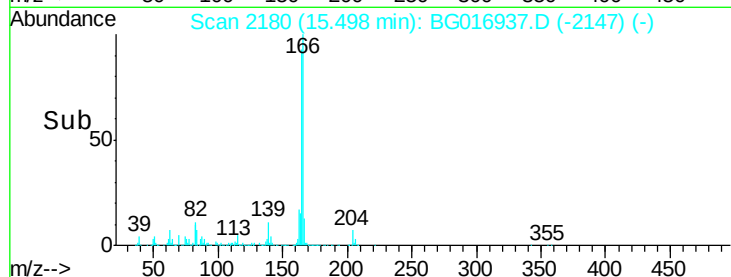
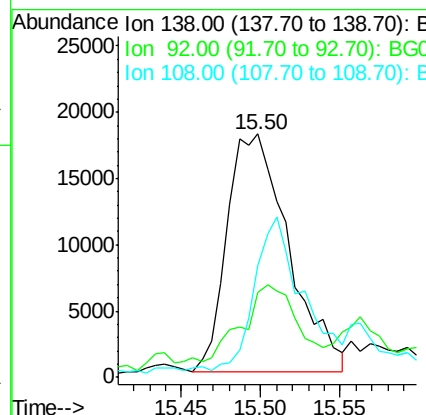
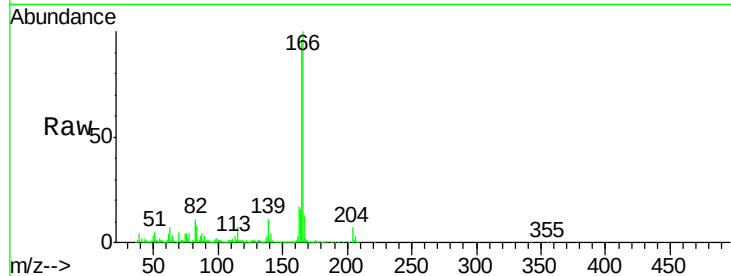
#61
4-Nitroaniline
Concen: 10.74 ng
RT: 15.50 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BG016937.D
Acq: 8 May 2015 1:18

Instrument :
BNA_G
ClientSampleId :
DBMW-01MSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	34.9	31.8	71.8
108	45.9	70.6	110.6

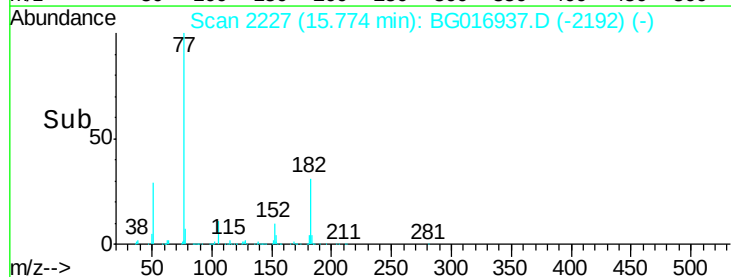
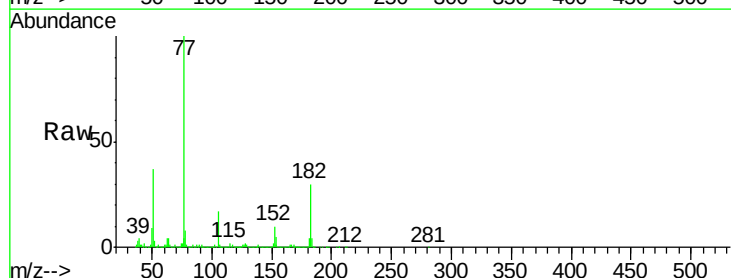
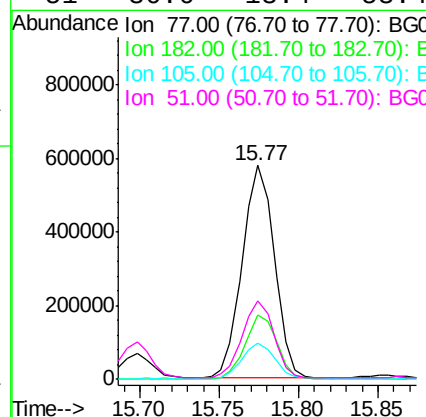
Manual Integrations
APPROVED

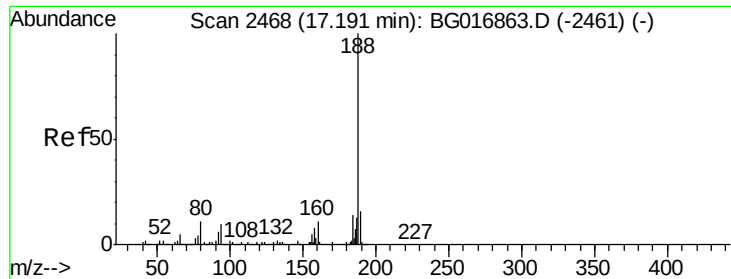
apatel
5/8/2015 5:08:39 PM



#62
Azobenzene
Concen: 45.54 ng
RT: 15.77 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BG016937.D
Acq: 8 May 2015 1:18

Tgt Ion	Ratio	Lower	Upper
77	100		
182	30.1	7.4	47.4
105	17.0	0.0	36.6
51	36.6	13.4	53.4





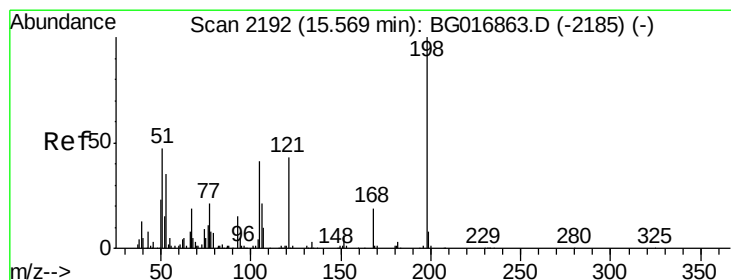
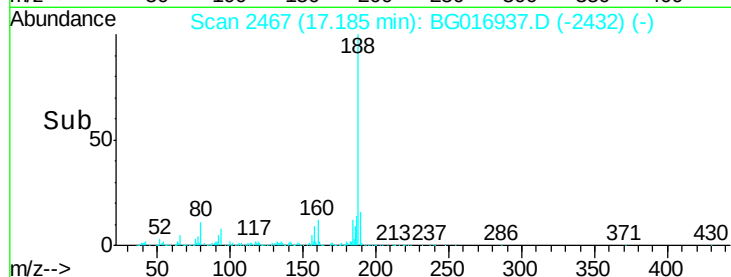
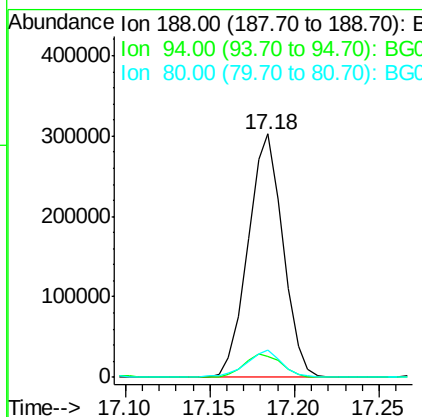
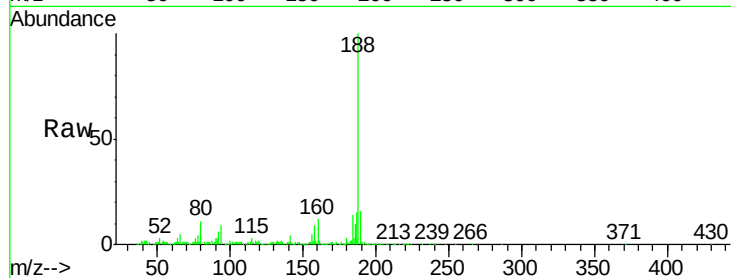
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.18 min Scan# 2467
Delta R.T. 0.00 min
Lab File: BG016937.D
Acq: 8 May 2015 1:18

Instrument :
BNA_G
ClientSampleId :
DBMW-01MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.6	8.2	12.4
80	11.0	8.8	13.2

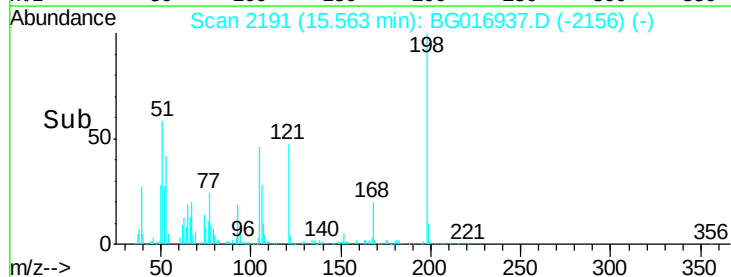
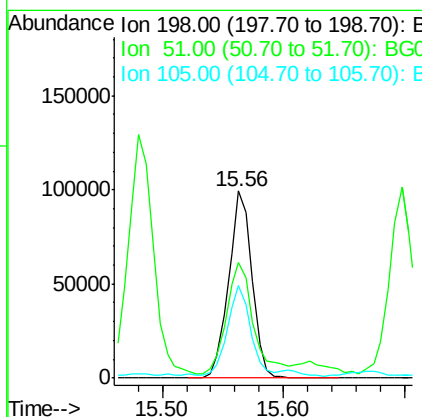
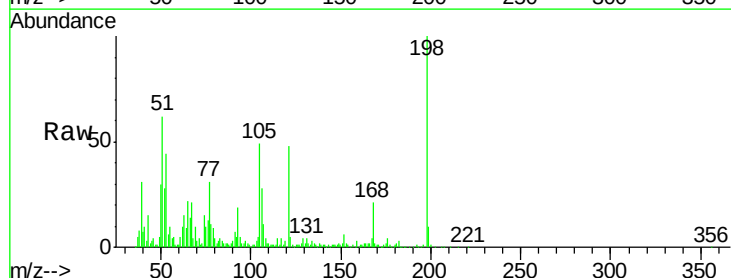
Manual Integrations
APPROVED

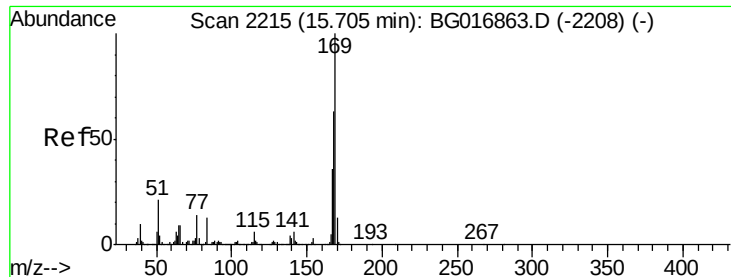
apatel
5/8/2015 5:08:39 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 61.89 ng
RT: 15.56 min Scan# 2191
Delta R.T. 0.00 min
Lab File: BG016937.D
Acq: 8 May 2015 1:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	61.5	31.2	71.2
105	49.3	22.0	62.0





#65

n-Nitrosodiphenylamine

Concen: 45.66 ng

RT: 15.70 min Scan# 2214

Delta R.T. 0.00 min

Lab File: BG016937.D

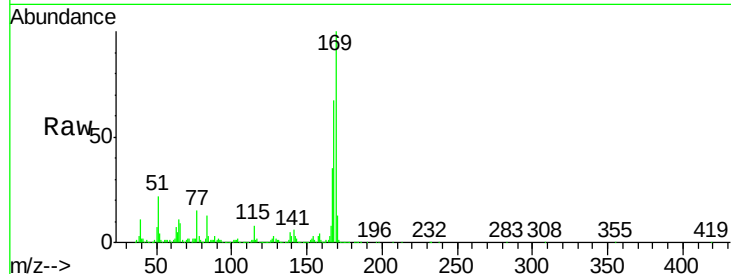
Acq: 8 May 2015 1:18

Instrument :

BNA_G

ClientSampleId :

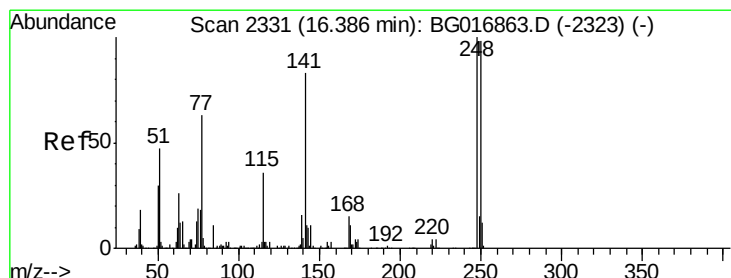
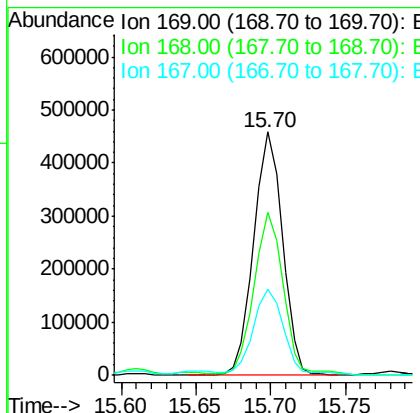
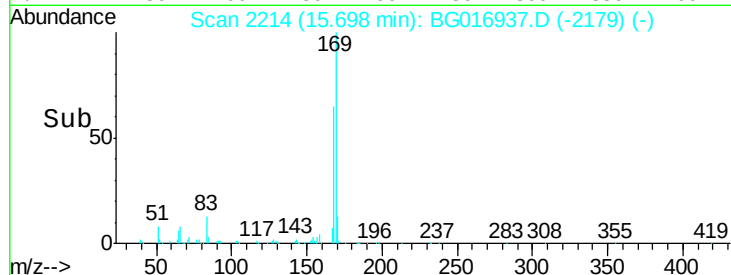
DBMW-01MSD



Tgt Ion:	169	Resp:	607262
Ion Ratio	Lower	Upper	
169	100		
168	67.1	50.6	76.0
167	35.2	29.0	43.4

Manual Integrations
APPROVED

apatel
5/8/2015 5:08:39 PM



#66

4-Bromophenyl-phenylether

Concen: 50.09 ng

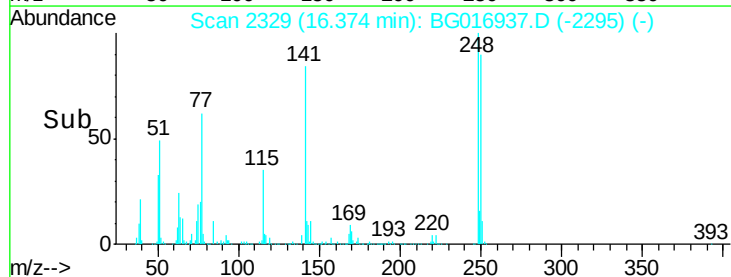
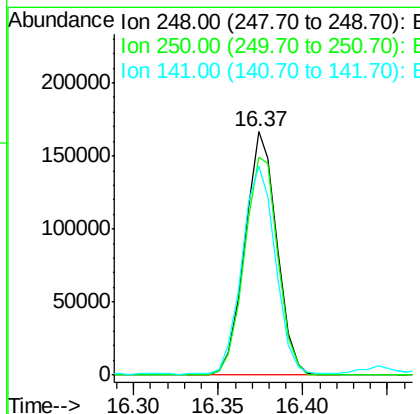
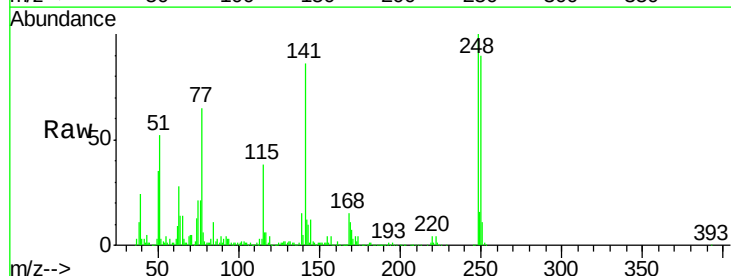
RT: 16.37 min Scan# 2329

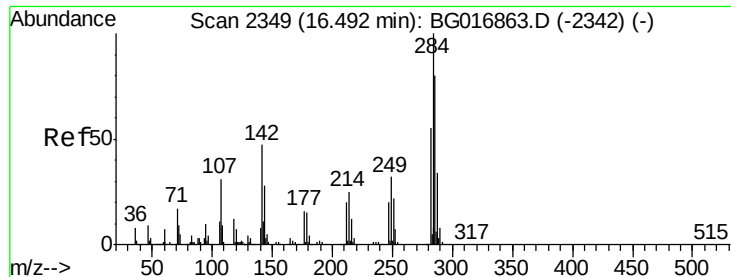
Delta R.T. -0.00 min

Lab File: BG016937.D

Acq: 8 May 2015 1:18

Tgt Ion:	248	Resp:	219064
Ion Ratio	Lower	Upper	
248	100		
250	89.8	78.6	117.8
141	86.1	66.3	99.5





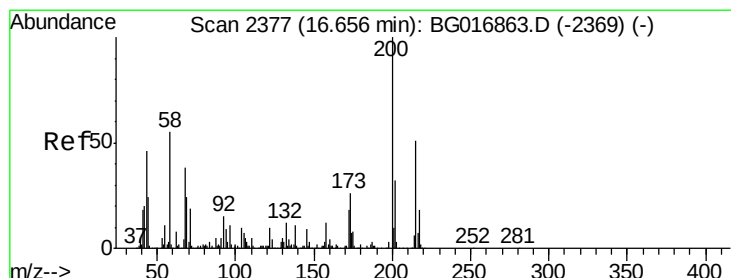
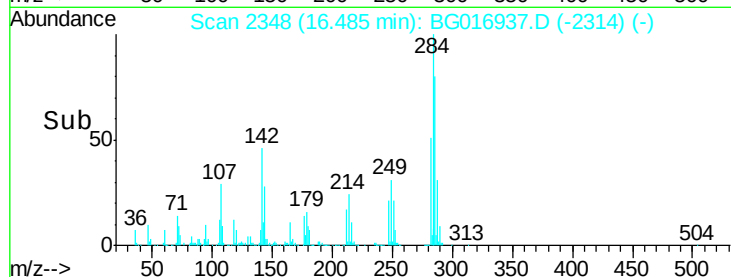
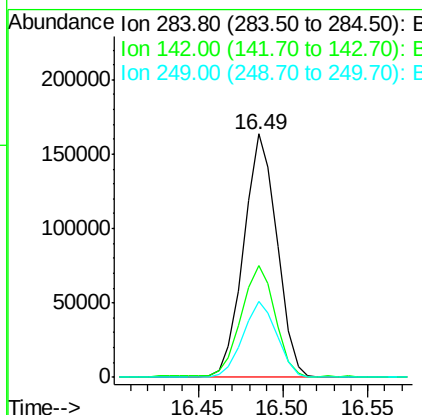
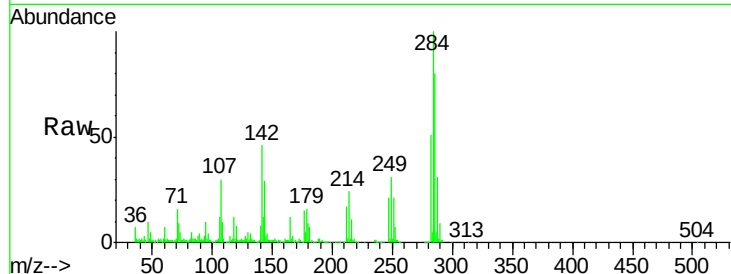
#67
Hexachlorobenzene
Concen: 48.67 ng
RT: 16.49 min Scan# 2348
Delta R.T. -0.00 min
Lab File: BG016937.D
Acq: 8 May 2015 1:18

Instrument :
BNA_G
ClientSampleId :
DBMW-01MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	46.1	37.4	56.0
249	31.2	25.5	38.3

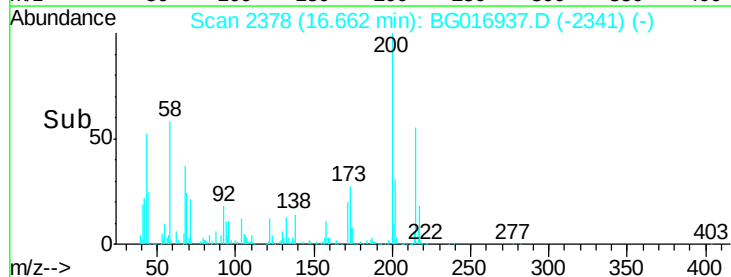
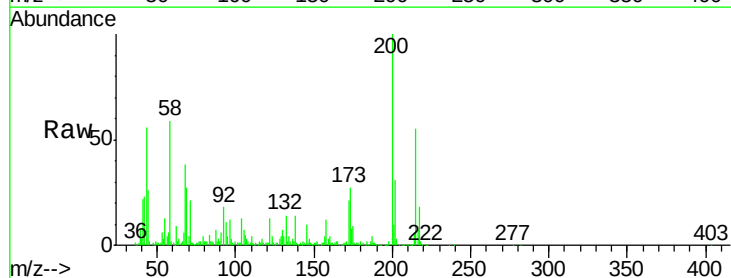
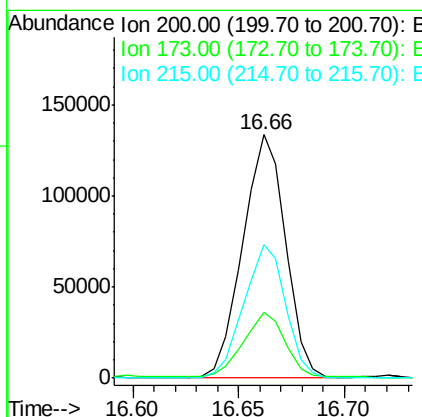
Manual Integrations
APPROVED

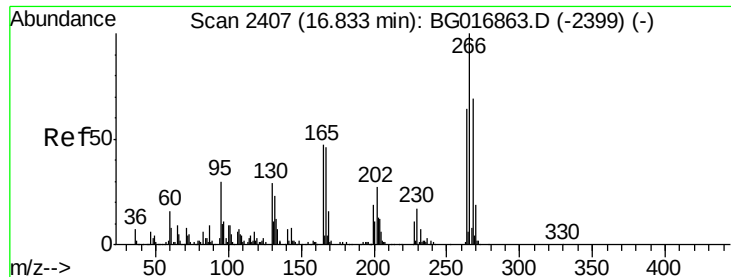
apatel
5/8/2015 5:08:39 PM



#68
Atrazine
Concen: 39.04 ng
RT: 16.66 min Scan# 2378
Delta R.T. 0.01 min
Lab File: BG016937.D
Acq: 8 May 2015 1:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.2	6.1	46.1
215	54.8	30.8	70.8





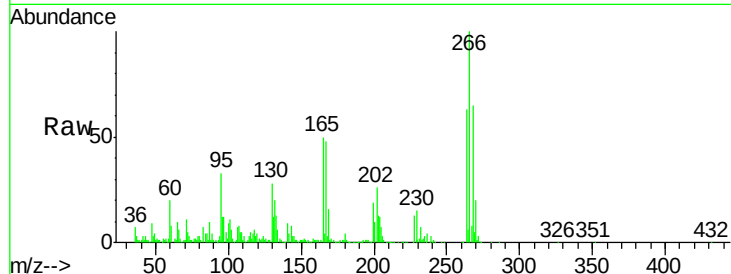
#69
 Pentachlorophenol
 Concen: 106.88 ng
 RT: 16.83 min Scan# 2407
 Delta R.T. 0.00 min
 Lab File: BG016937.D
 Acq: 8 May 2015 1:18

Instrument :
 BNA_G
 ClientSampleId :
 DBMW-01MSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.8	55.2	82.8
264	63.5	51.4	77.0

Manual Integrations
 APPROVED

apatel
 5/8/2015 5:08:39 PM

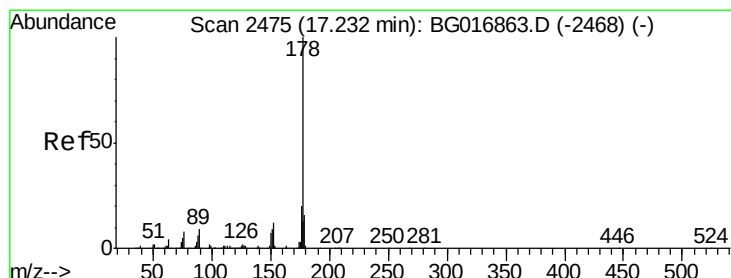
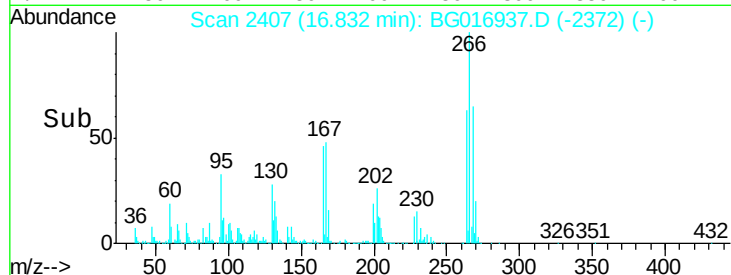
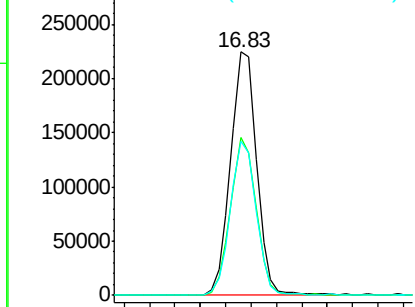


Abundance

Ion 265.70 (265.40 to 266.40): E

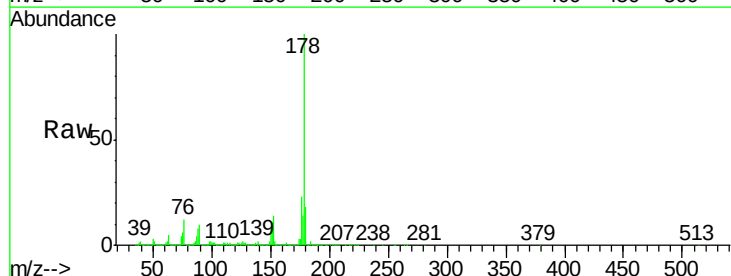
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 87.44 ng
 RT: 17.23 min Scan# 2474
 Delta R.T. 0.00 min
 Lab File: BG016937.D
 Acq: 8 May 2015 1:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.9	16.0	24.0
179	18.1	13.0	19.6

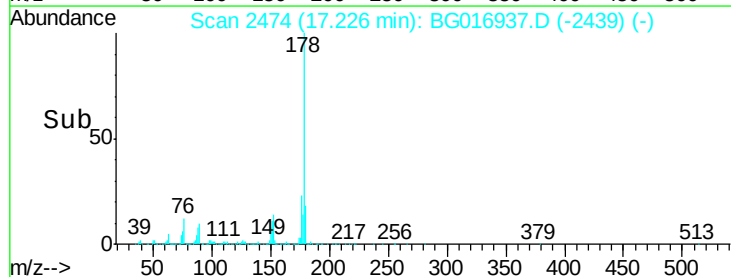
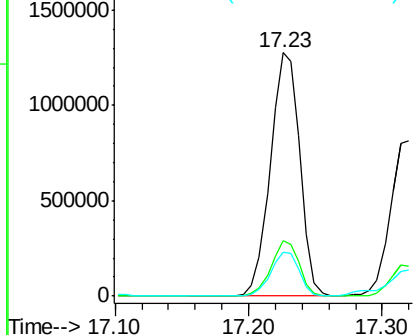


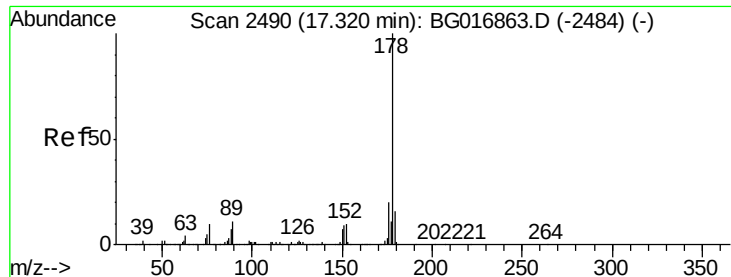
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 52.25 ng

RT: 17.32 min Scan# 2490

Delta R.T. 0.00 min

Lab File: BG016937.D

Acq: 8 May 2015 1:18

Instrument :

BNA_G

ClientSampleId :

DBMW-01MSD

Tgt Ion:178 Resp: 1181914

Ion Ratio Lower Upper

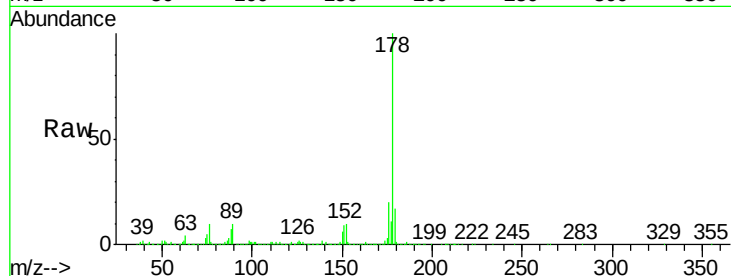
178 100

176 19.5 16.2 24.4

179 16.6 13.1 19.7

Manual Integrations
APPROVED

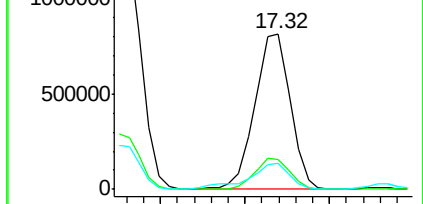
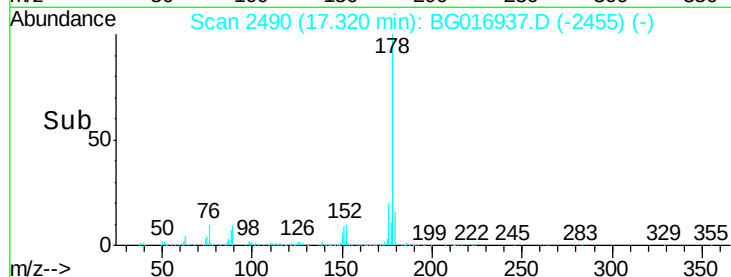
apatel
5/8/2015 5:08:39 PM



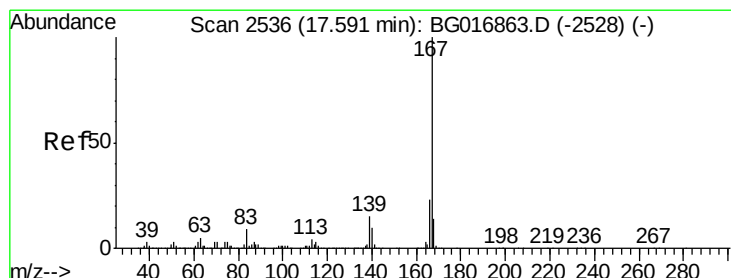
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Carbazole

Concen: 127.73 ng

RT: 17.60 min Scan# 2537

Delta R.T. 0.01 min

Lab File: BG016937.D

Acq: 8 May 2015 1:18

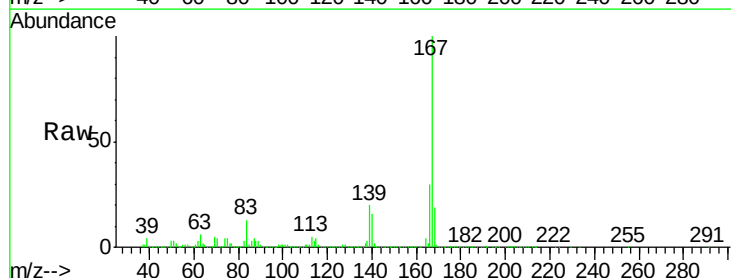
Tgt Ion:167 Resp: 2746841

Ion Ratio Lower Upper

167 100

166 30.1 18.4 27.6#

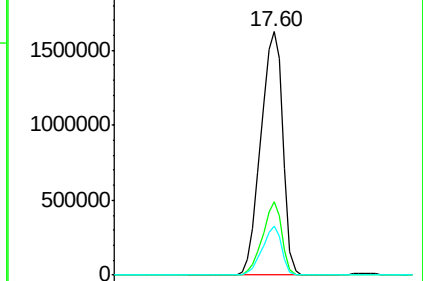
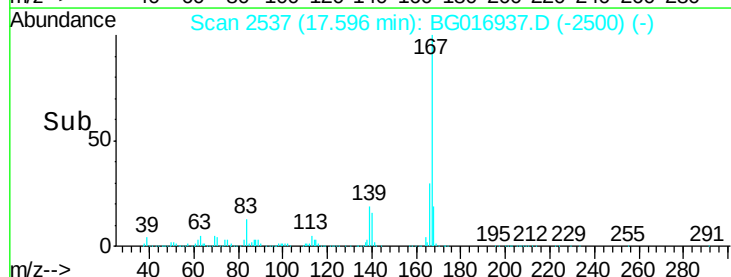
139 20.2 12.2 18.4#



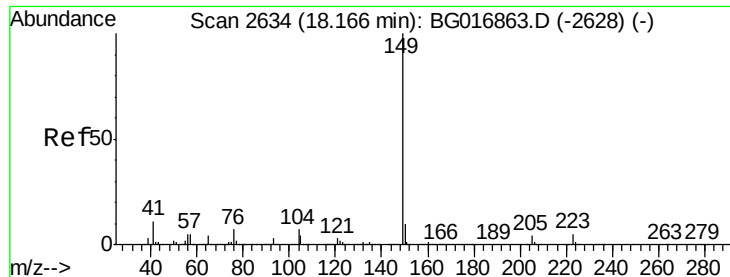
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#73

Di-n-butylphthalate

Concen: 45.11 ng

RT: 18.15 min Scan# 2632

Delta R.T. 0.00 min

Lab File: BG016937.D

Acq: 8 May 2015 1:18

Instrument :

BNA_G

ClientSampleId :

DBMW-01MSD

Tgt Ion:149 Resp: 1257610

Ion Ratio Lower Upper

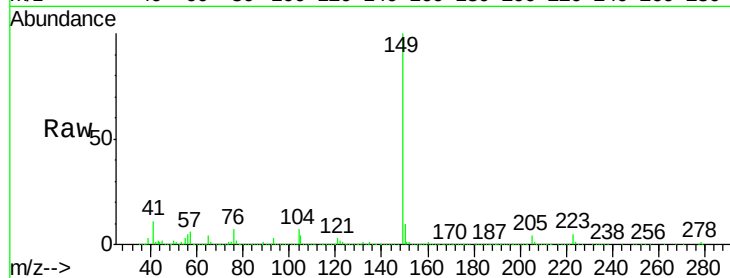
149 100

150 10.4 7.7 11.5

104 6.9 5.4 8.0

Manual Integrations
APPROVED

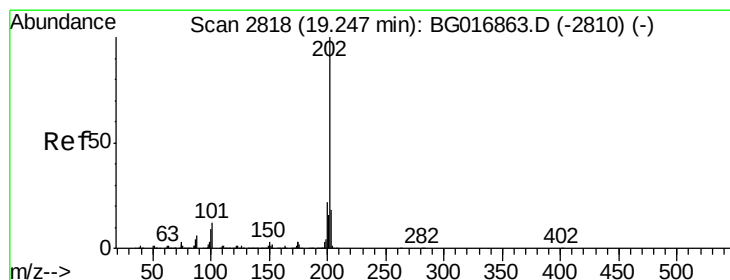
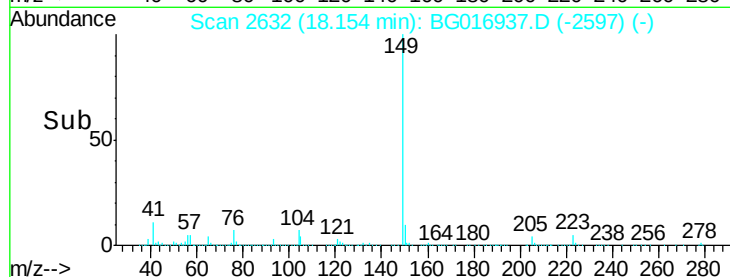
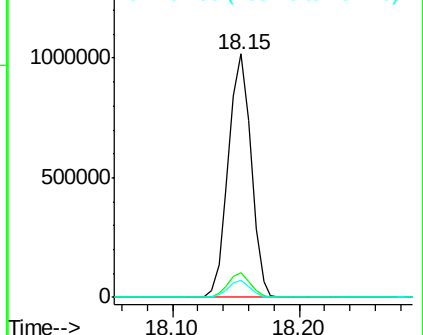
apatel
5/8/2015 5:08:39 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 48.50 ng

RT: 19.24 min Scan# 2817

Delta R.T. 0.00 min

Lab File: BG016937.D

Acq: 8 May 2015 1:18

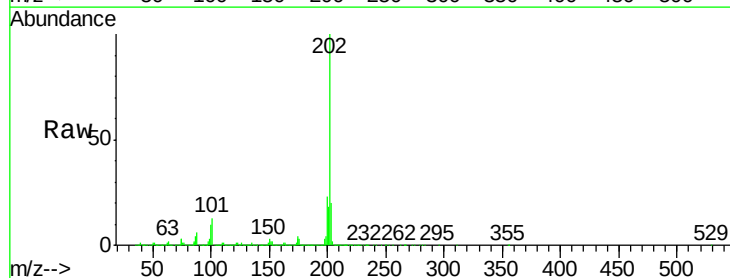
Tgt Ion:202 Resp: 1261642

Ion Ratio Lower Upper

202 100

101 12.6 0.0 31.5

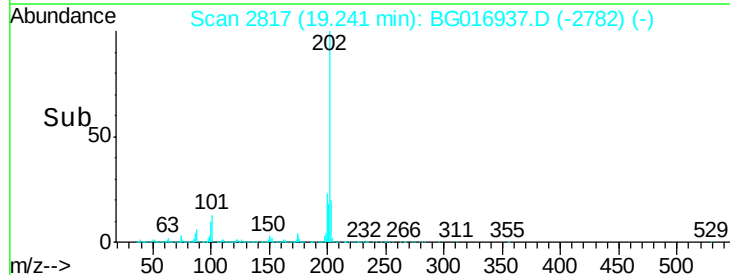
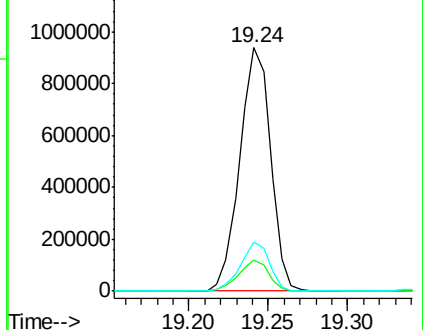
203 20.2 0.0 38.1

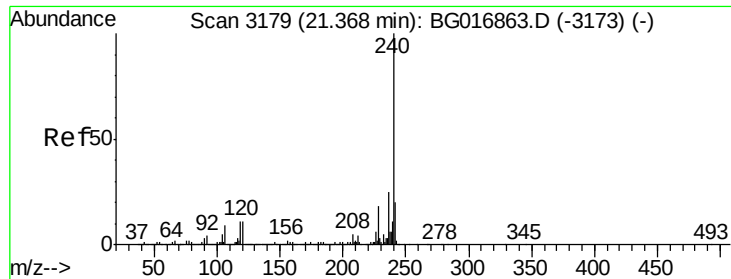


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.36 min Scan# 3178

Delta R.T. 0.00 min

Lab File: BG016937.D

Acq: 8 May 2015 1:18

Instrument :

BNA_G

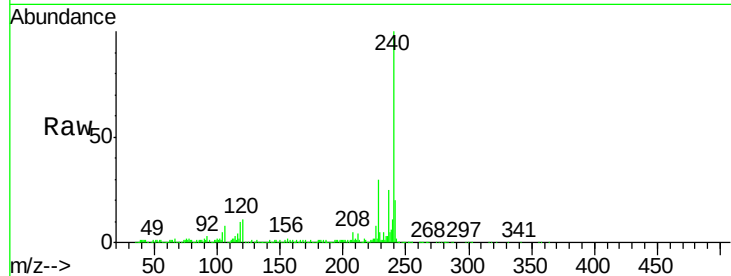
ClientSampleId :

DBMW-01MSD

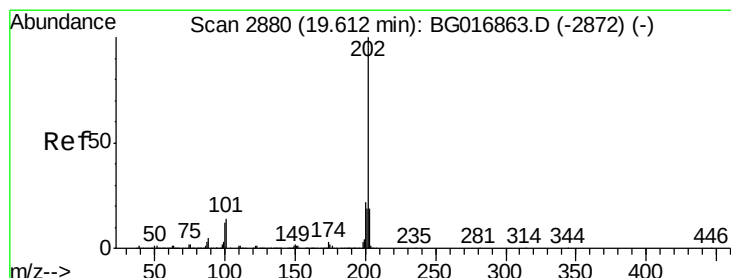
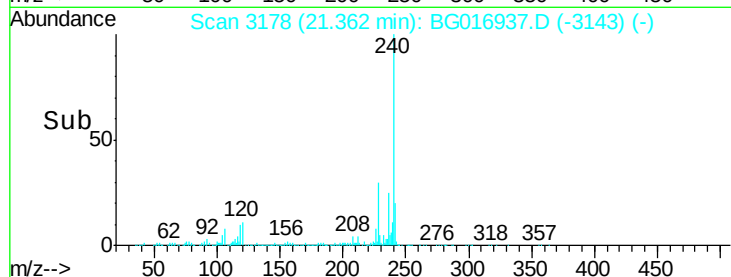
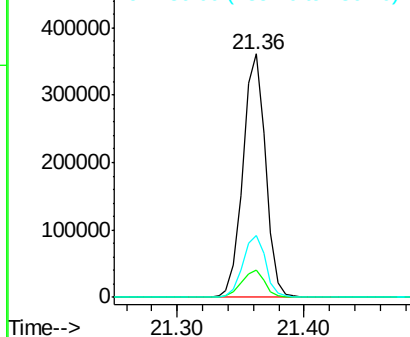
Tgt	Ion	240	Resp:	445031
Ion	Ratio	Lower	Upper	
240	100			
120	11.2	9.1	13.7	
236	25.5	20.2	30.4	

Manual Integrations
APPROVED

apatel
5/8/2015 5:08:39 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: 47.68 ng

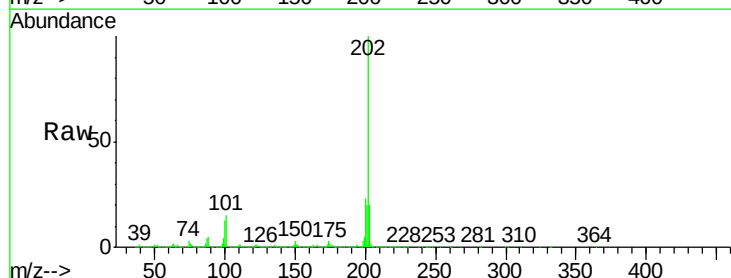
RT: 19.61 min Scan# 2879

Delta R.T. 0.00 min

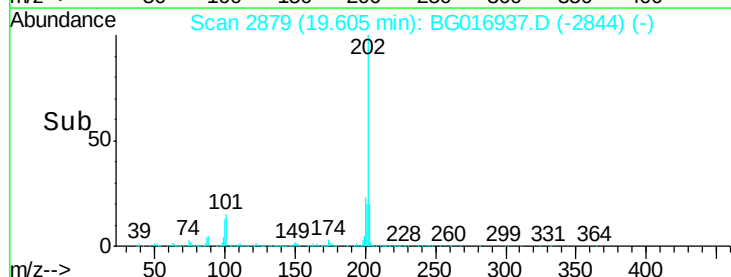
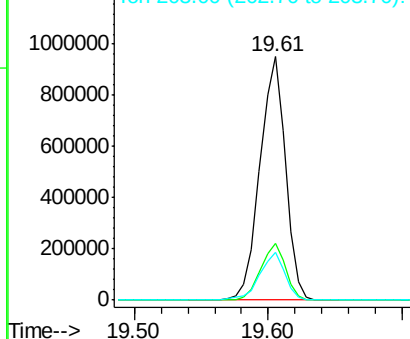
Lab File: BG016937.D

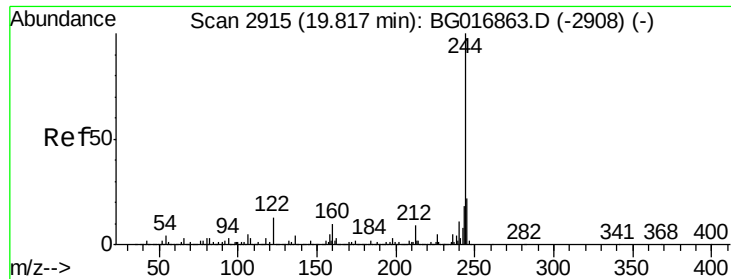
Acq: 8 May 2015 1:18

Tgt	Ion	202	Resp:	1252255
Ion	Ratio	Lower	Upper	
202	100			
200	23.3	17.9	26.9	
203	19.7	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: 81.87 ng

RT: 19.81 min Scan# 2913

Delta R.T. -0.00 min

Lab File: BG016937.D

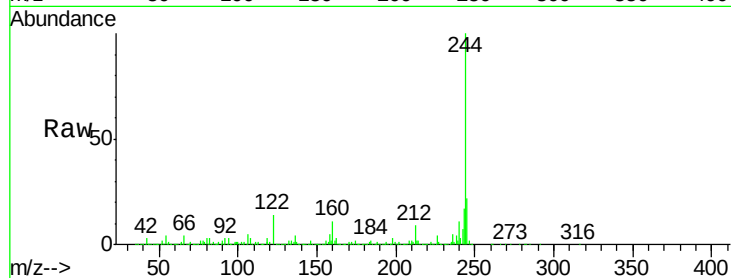
Acq: 8 May 2015 1:18

Instrument :

BNA_G

ClientSampleId :

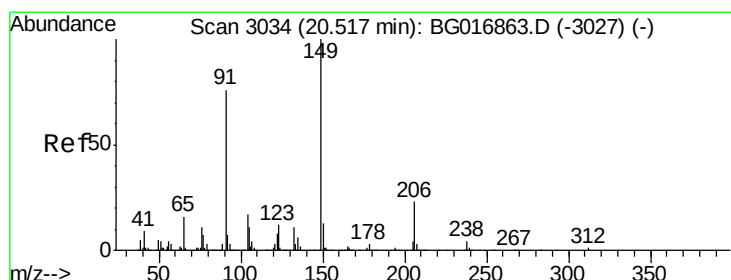
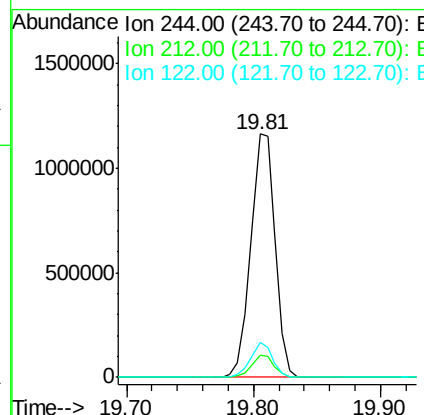
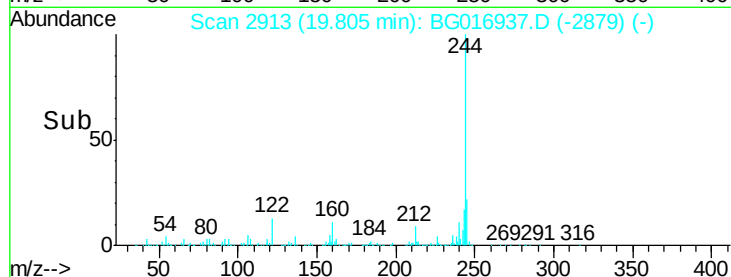
DBMW-01MSD



Tgt Ion:	244	Resp:	1554112
Ion Ratio	Lower	Upper	
244	100		
212	8.9	7.0	10.6
122	14.3	10.4	15.6

Manual Integrations
APPROVED

apatel
5/8/2015 5:08:39 PM



#79

Butylbenzylphthalate

Concen: 47.30 ng

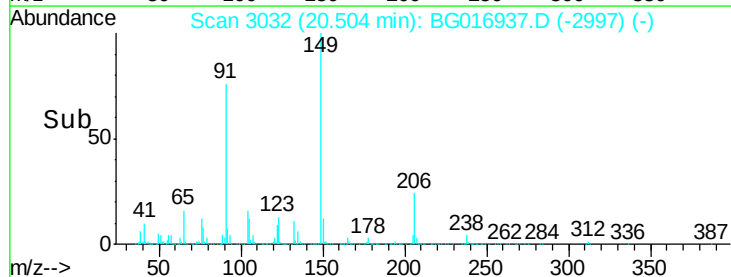
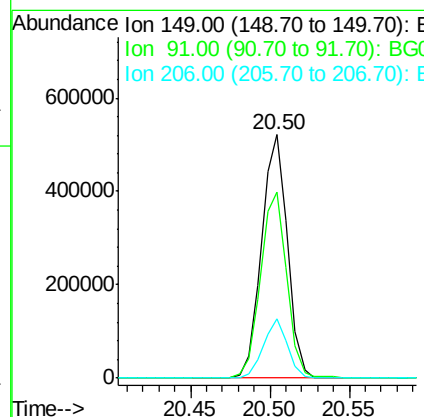
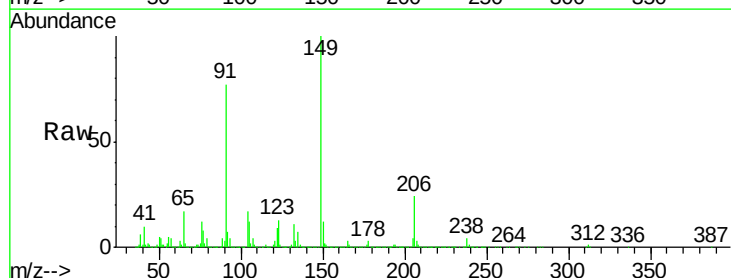
RT: 20.50 min Scan# 3032

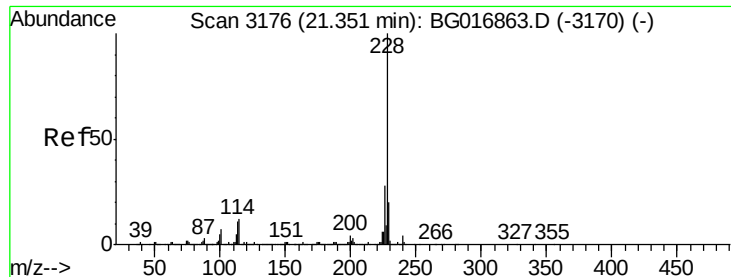
Delta R.T. 0.00 min

Lab File: BG016937.D

Acq: 8 May 2015 1:18

Tgt Ion:	149	Resp:	590434
Ion Ratio	Lower	Upper	
149	100		
91	76.6	60.6	91.0
206	24.1	18.4	27.6





#80

Benzo(a)anthracene

Concen: 47.15 ng

RT: 21.34 min Scan# 3175

Delta R.T. -0.00 min

Lab File: BG016937.D

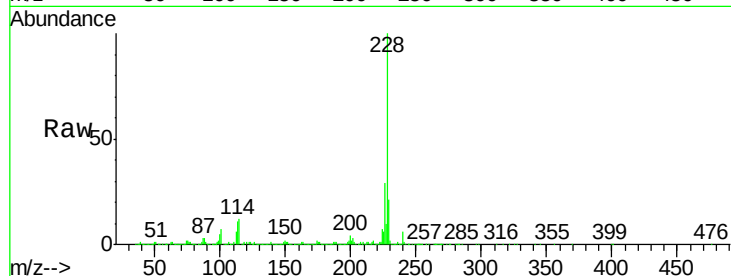
Acq: 8 May 2015 1:18

Instrument :

BNA_G

ClientSampleId :

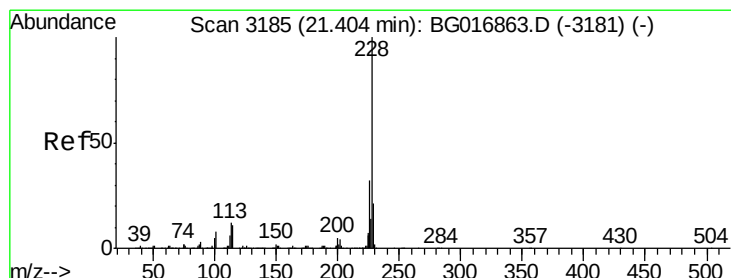
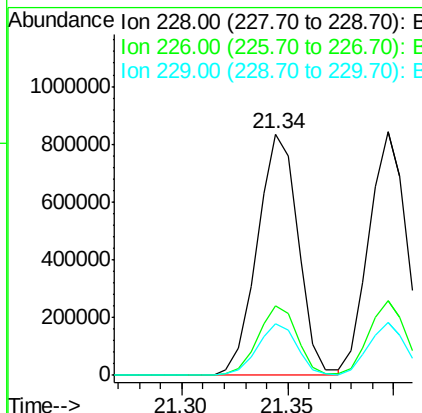
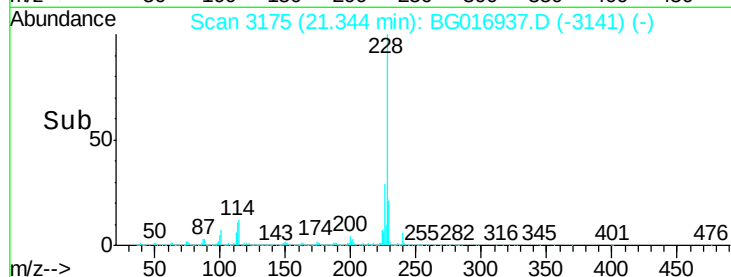
DBMW-01MSD



Tgt Ion:	228	Resp:	1125734
Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.7	34.1
229	21.3	16.1	24.1

Manual Integrations
APPROVED

apatel
5/8/2015 5:08:39 PM



#82

Chrysene

Concen: 46.89 ng

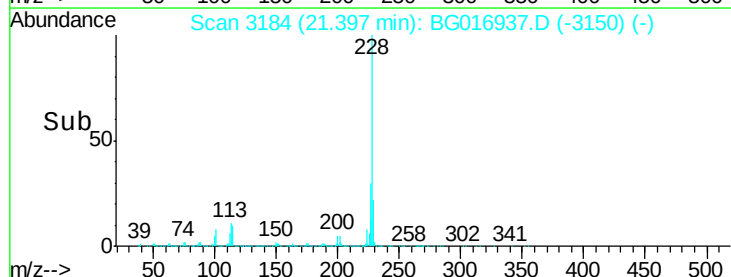
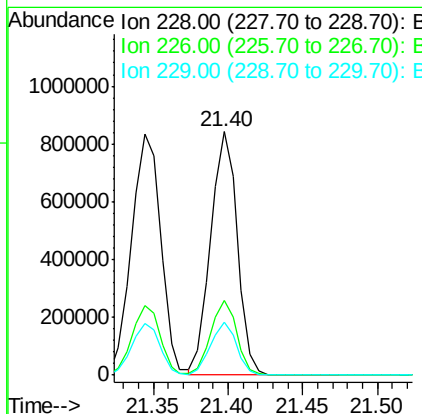
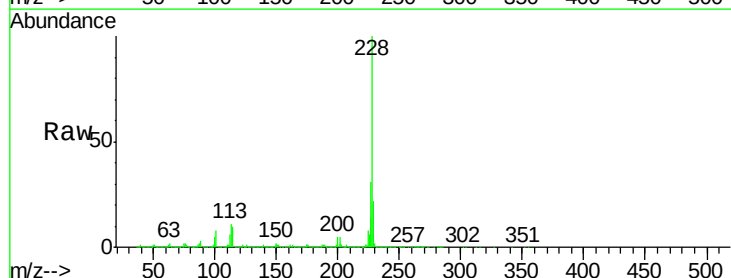
RT: 21.40 min Scan# 3184

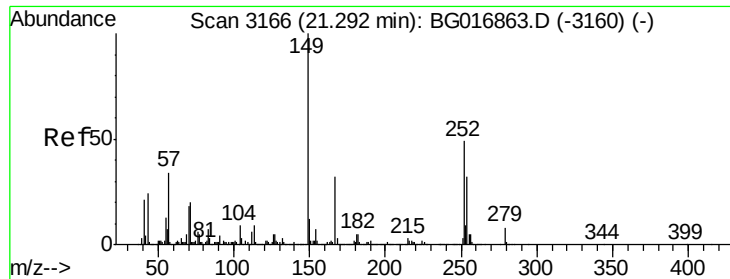
Delta R.T. -0.00 min

Lab File: BG016937.D

Acq: 8 May 2015 1:18

Tgt Ion:	228	Resp:	1048430
Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.4	38.0
229	21.8	16.5	24.7





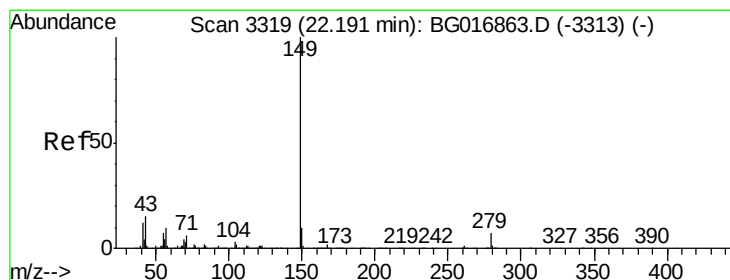
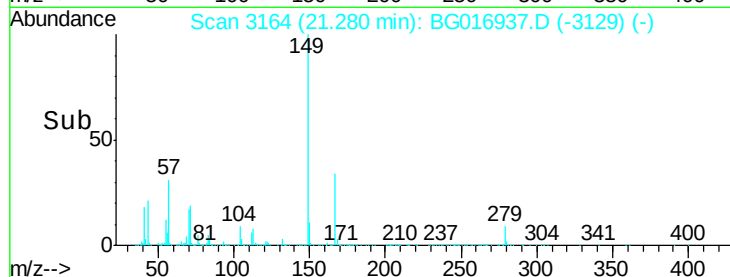
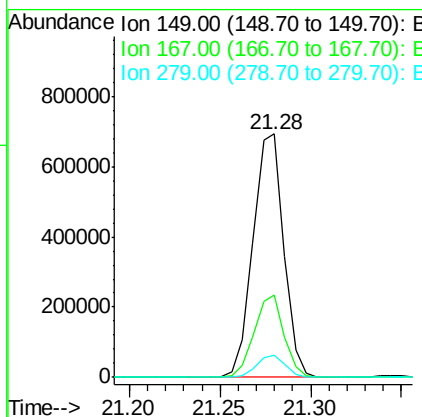
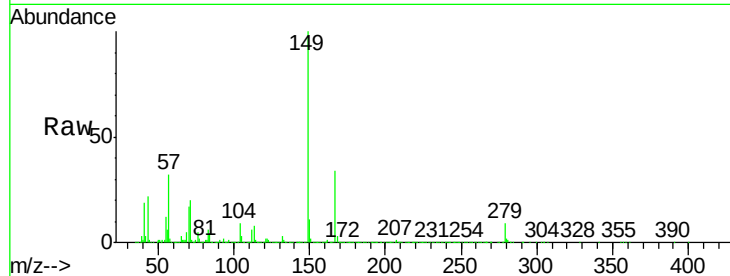
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.54 ng
 RT: 21.28 min Scan# 3164
 Delta R.T. 0.00 min
 Lab File: BG016937.D
 Acq: 8 May 2015 1:18

Instrument :
 BNA_G
 ClientSampleId :
 DBMW-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	811789		
167	33.8	25.4	38.0	
279	9.2	6.4	9.6	

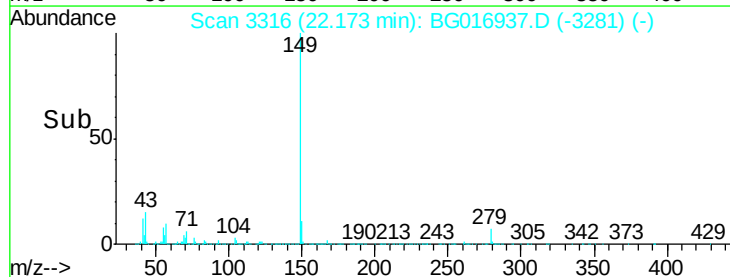
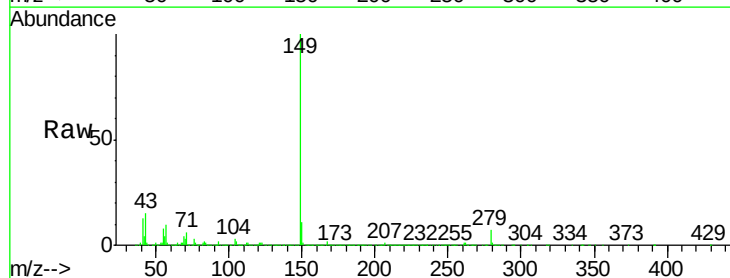
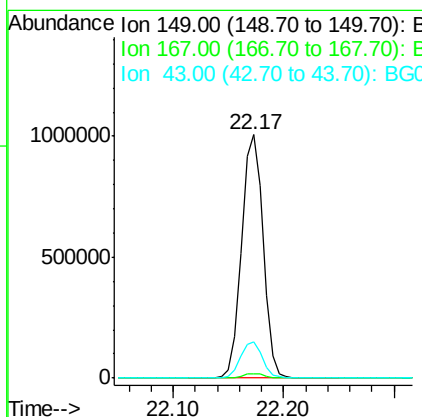
Manual Integrations
 APPROVED

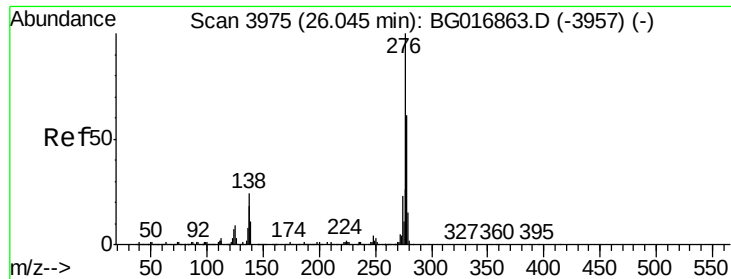
apatel
 5/8/2015 5:08:39 PM



#84
 Di-n-octyl phthalate
 Concen: 48.15 ng
 RT: 22.17 min Scan# 3316
 Delta R.T. 0.00 min
 Lab File: BG016937.D
 Acq: 8 May 2015 1:18

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.9	0.0	0.0#
43	14.5	0.0	0.0#





#85

Indeno(1,2,3-cd)pyrene

Concen: 48.21 ng

RT: 26.03 min Scan# 3973

Delta R.T. 0.00 min

Lab File: BG016937.D

Acq: 8 May 2015 1:18

Instrument :

BNA_G

ClientSampleId :

DBMW-01MSD

Tgt Ion: 276 Resp: 1284753

Ion Ratio Lower Upper

276 100

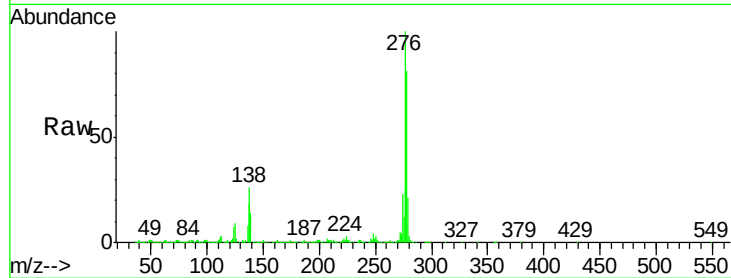
138 26.3 0.0 0.0#

277 27.0 0.0 0.0#

Manual Integrations
APPROVED

apatel

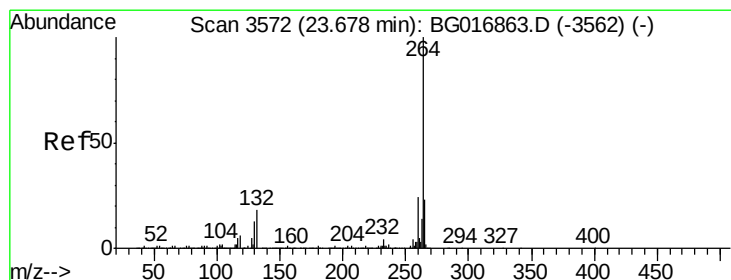
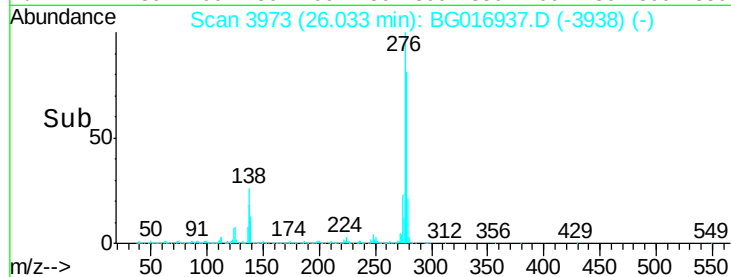
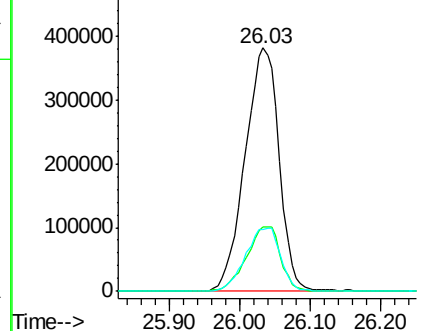
5/8/2015 5:08:39 PM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.66 min Scan# 3569

Delta R.T. -0.00 min

Lab File: BG016937.D

Acq: 8 May 2015 1:18

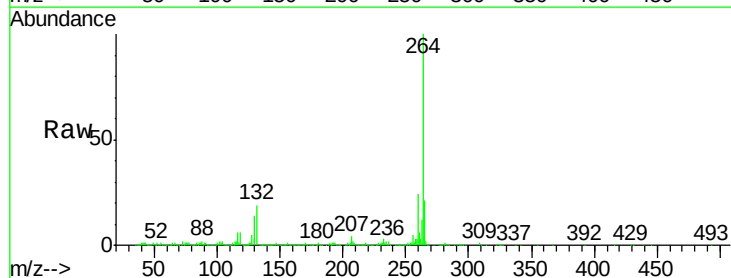
Tgt Ion: 264 Resp: 432571

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

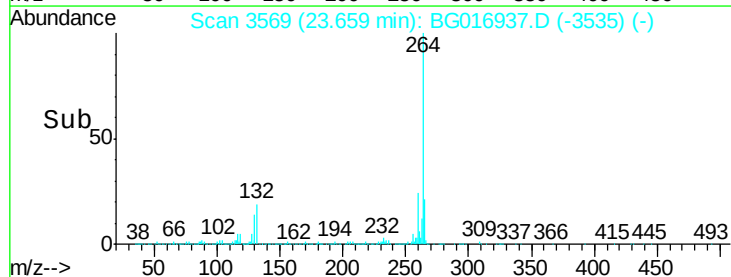
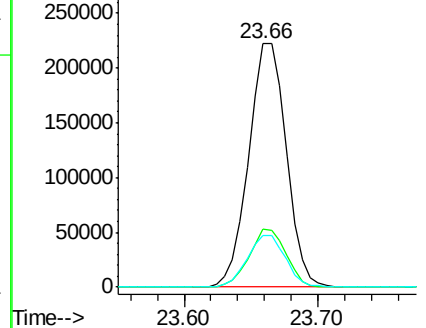
265 21.4 18.5 27.7

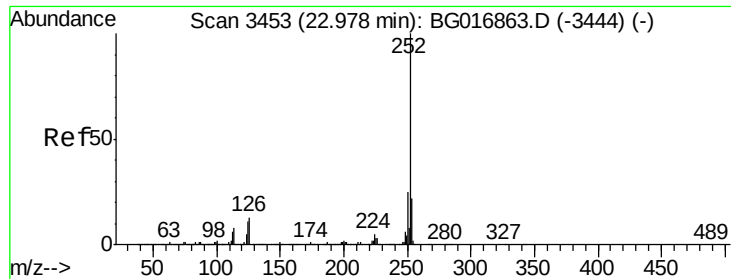


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 47.05 ng

RT: 22.97 min Scan# 3451

Delta R.T. -0.00 min

Lab File: BG016937.D

Acq: 8 May 2015 1:18

Instrument :

BNA_G

ClientSampleId :

DBMW-01MSD

Tgt Ion:252 Resp: 1133706

Ion Ratio Lower Upper

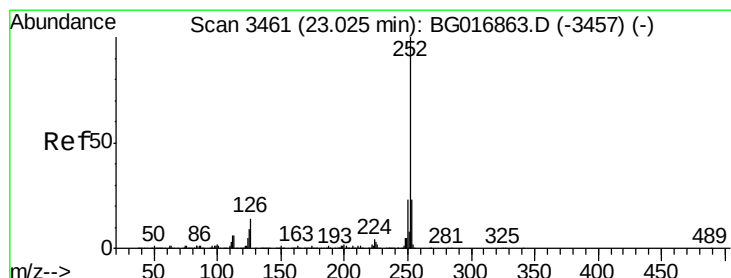
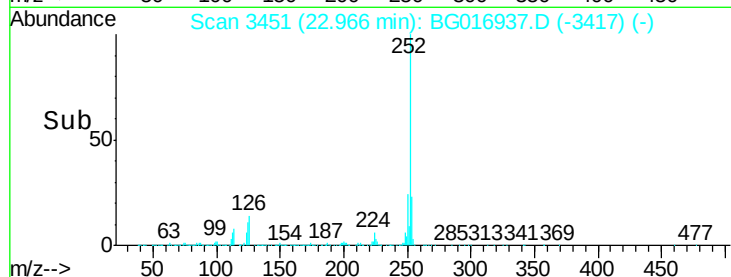
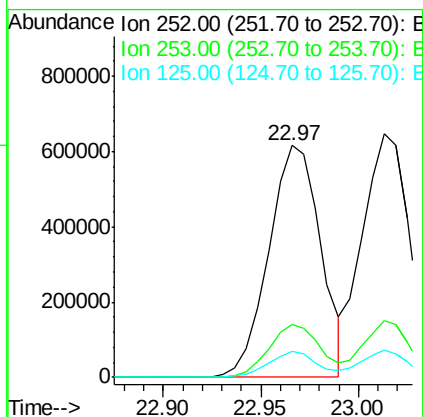
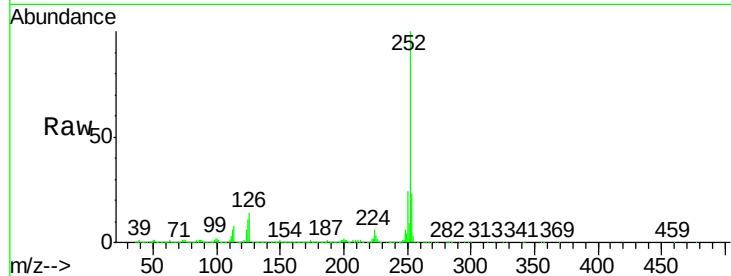
252 100

253 22.9 17.4 26.0

125 11.0 8.6 13.0

Manual Integrations
APPROVED

apatel
5/8/2015 5:08:39 PM



#88

Benzo(k)fluoranthene

Concen: 46.70 ng

RT: 23.01 min Scan# 3459

Delta R.T. -0.00 min

Lab File: BG016937.D

Acq: 8 May 2015 1:18

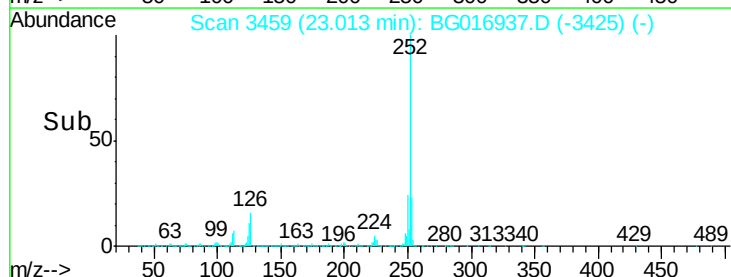
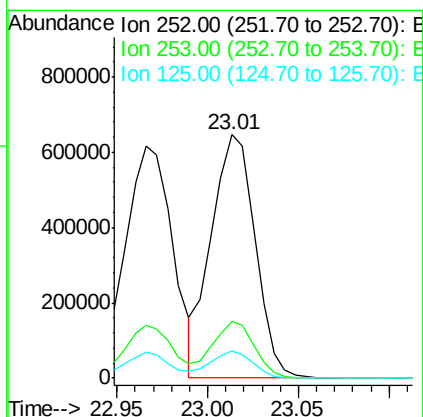
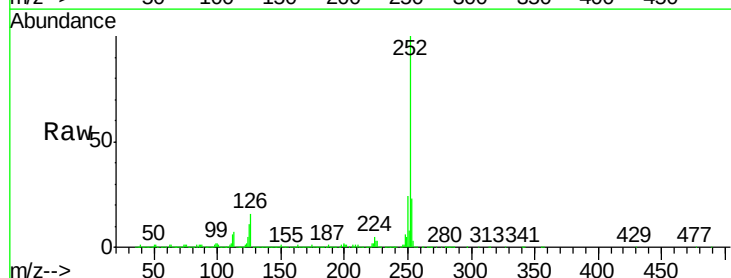
Tgt Ion:252 Resp: 1082697

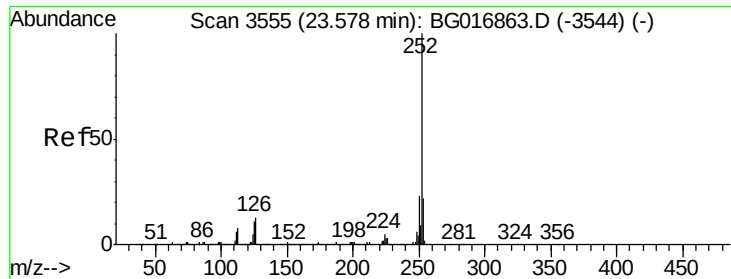
Ion Ratio Lower Upper

252 100

253 23.5 18.4 27.6

125 11.2 7.9 11.9





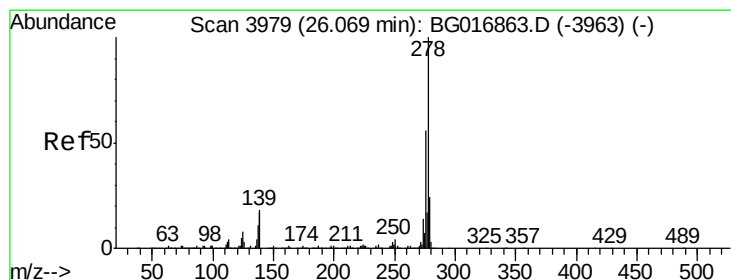
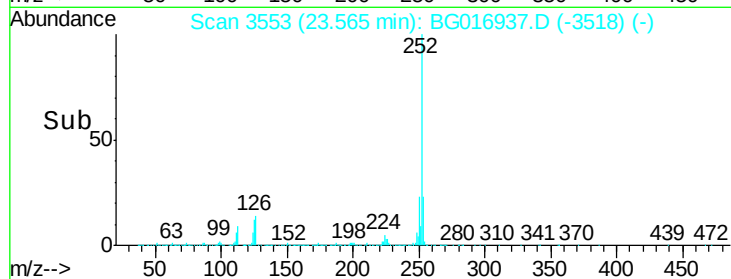
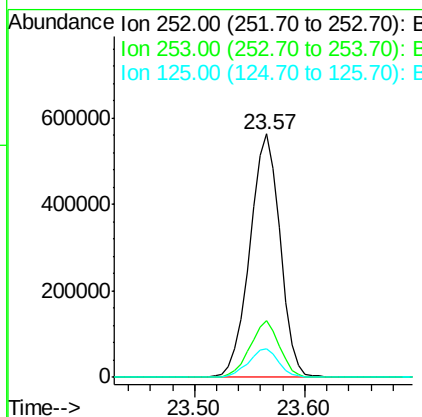
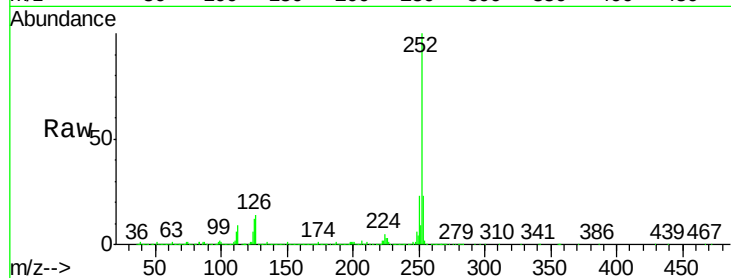
#89
Benzo(a)pyrene
Concen: 48.12 ng
RT: 23.57 min Scan# 3553
Delta R.T. 0.00 min
Lab File: BG016937.D
Acq: 8 May 2015 1:18

Instrument :
BNA_G
ClientSampleId :
DBMW-01MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.7	26.5
125	11.9	8.5	12.7

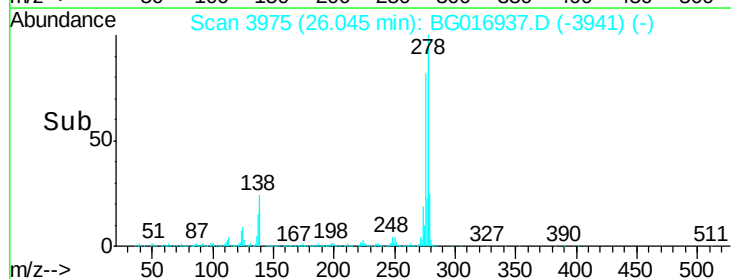
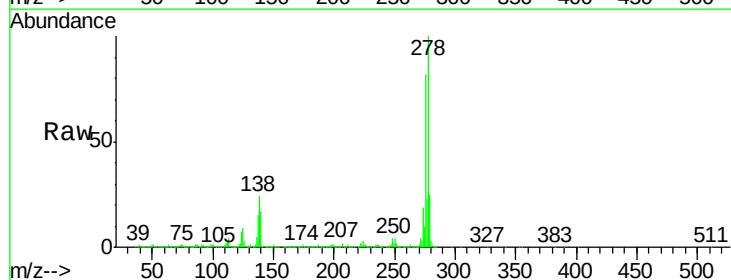
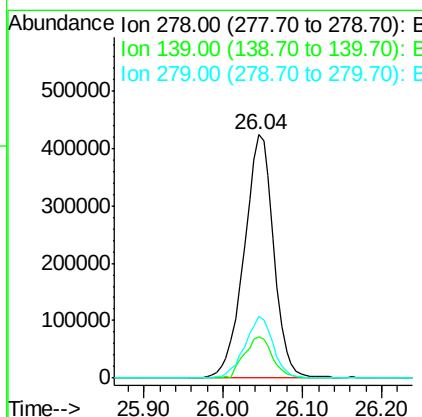
Manual Integrations
APPROVED

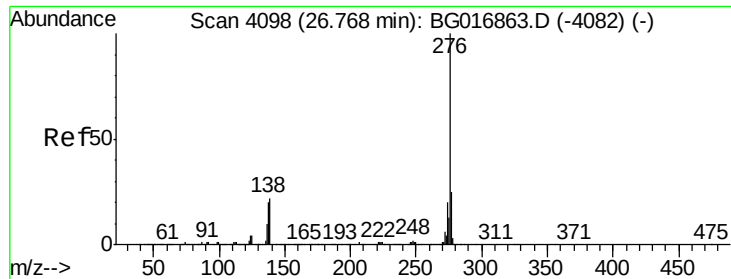
apatel
5/8/2015 5:08:39 PM



#90
Dibenzo(a,h)anthracene
Concen: 47.74 ng
RT: 26.04 min Scan# 3975
Delta R.T. -0.00 min
Lab File: BG016937.D
Acq: 8 May 2015 1:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.2	14.2	21.2
279	25.4	18.9	28.3





#91
 Benzo(g,h,i)perylene
 Concen: 48.23 ng
 RT: 26.76 min Scan# 4097
 Delta R.T. 0.00 min
 Lab File: BG016937.D
 Acq: 8 May 2015 1:18

Instrument :
 BNA_G
 ClientSampleId :
 DBMW-01MSD

Tgt Ion: 276 Resp: 1054070
 Ion Ratio Lower Upper
 276 100
 277 23.8 19.6 29.4
 138 22.5 17.5 26.3

Manual Integrations
 APPROVED

apatel
 5/8/2015 5:08:39 PM

