

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042315\
 Data File : BG016665.D
 Acq On : 23 Apr 2015 22:37
 Operator : TP/IZ
 Sample : PB82952BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82952BS

Manual Integrations
 APPROVED

apatel
 4/24/2015 3:29:46 PM

Quant Time: Apr 24 03:21:31 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 19:19:11 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	51256	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	225158	20.00	ng	0.00
38) Acenaphthene-d10	14.25	164	134466	20.00	ng	0.00
63) Phenanthrene-d10	16.99	188	293712	20.00	ng	0.00
75) Chrysene-d12	21.18	240	276108	20.00	ng	0.00
86) Perylene-d12	23.38	264	258450	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	376281	119.13	ng	0.00
7) Phenol-d6	6.80	99	519524	117.24	ng	0.00
23) Nitrobenzene-d5	8.76	82	256121	71.88	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	116531	116.82	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	613359	73.29	ng	0.00
78) Terphenyl-d14	19.63	244	836903	69.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.05	88	41743	30.51	ng	99
3) Pyridine	3.45	79	115649	29.77	ng	98
4) n-Nitrosodimethylamine	3.38	42	38023	33.17	ng	# 94
6) Aniline	6.93	93	133188	21.92	ng	98
8) 2-Chlorophenol	7.17	128	145348	37.23	ng	99
9) Benzaldehyde	6.74	77	12436	6.87	ng	91
10) Phenol	6.82	94	179723	38.48	ng	100
11) bis(2-Chloroethyl)ether	7.03	93	121746	33.39	ng	98
12) 1,3-Dichlorobenzene	7.48	146	136272	33.75	ng	99
13) 1,4-Dichlorobenzene	7.63	146	137824	33.39	ng	100
14) 1,2-Dichlorobenzene	7.95	146	132639	33.66	ng	99
15) Benzyl Alcohol	7.85	79	97630	35.11	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.14	45	120682	35.36	ng	98
17) 2-Methylphenol	8.06	107	119167	38.16	ng	99
18) Hexachloroethane	8.66	117	48964	33.65	ng	98
19) n-Nitroso-di-n-propylamine	8.41	70	89333	32.34	ng	98
20) 3+4-Methylphenols	8.39	107	163879	37.32	ng	99
22) Acetophenone	8.42	105	178481	36.12	ng	# 98
24) Nitrobenzene	8.80	77	128498	34.34	ng	99
25) Isophorone	9.32	82	248208	33.61	ng	100
26) 2-Nitrophenol	9.50	139	76235	35.11	ng	97
27) 2,4-Dimethylphenol	9.58	122	141018	38.89	ng	98
28) bis(2-Chloroethoxy)methane	9.80	93	160275	35.97	ng	99
29) 2,4-Dichlorophenol	10.05	162	123214	39.98	ng	96
30) 1,2,4-Trichlorobenzene	10.25	180	112811	34.54	ng	99
31) Naphthalene	10.43	128	412838	34.77	ng	100
32) Benzoic acid	9.73	122	49722	29.48	ng	98
33) 4-Chloroaniline	10.56	127	83932	15.34	ng	97
34) Hexachlorobutadiene	10.71	225	50325	34.49	ng	97
35) Caprolactam	11.32	113	64372m	38.74	ng	
36) 4-Chloro-3-methylphenol	11.71	107	139163	38.83	ng	99
37) 2-Methylnaphthalene	12.05	142	304834	35.55	ng	100
39) 1,2,4,5-Tetrachlorobenzene	12.43	216	110509	34.50	ng	98
40) Hexachlorocyclopentadiene	12.41	237	86308	70.46	ng	99

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042315\
 Data File : BG016665.D
 Acq On : 23 Apr 2015 22:37
 Operator : TP/IZ
 Sample : PB82952BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82952BS

Manual Integrations
 APPROVED

apatel
 4/24/2015 3:29:46 PM

Quant Time: Apr 24 03:21:31 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 19:19:11 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.68	196	84560	36.12	ng	96
43) 2,4,5-Trichlorophenol	12.76	196	94326	38.08	ng	96
45) 1,1'-Biphenyl	13.08	154	382079	36.18	ng	100
46) 2-Chloronaphthalene	13.12	162	284920	35.10	ng	99
47) 2-Nitroaniline	13.33	65	82485	37.25	ng	99
48) Acenaphthylene	13.97	152	499673	35.14	ng	99
49) Dimethylphthalate	13.72	163	368809	36.66	ng	99
50) 2,6-Dinitrotoluene	13.84	165	91300	36.99	ng	98
51) Acenaphthene	14.32	154	303679	35.59	ng	99
52) 3-Nitroaniline	14.17	138	64891	21.75	ng	98
53) 2,4-Dinitrophenol	14.39	184	93861	70.89	ng	97
54) Dibenzofuran	14.65	168	448120	37.23	ng	98
55) 4-Nitrophenol	14.51	139	181247	81.08	ng	97
56) 2,4-Dinitrotoluene	14.63	165	130480	38.59	ng	98
57) Fluorene	15.30	166	390711	37.13	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.89	232	72011	38.42	ng	99
59) Diethylphthalate	15.08	149	391588	37.35	ng	98
60) 4-Chlorophenyl-phenylether	15.30	204	164172	37.36	ng	98
61) 4-Nitroaniline	15.34	138	121106	36.70	ng	99
62) Azobenzene	15.59	77	375914	39.26	ng	99
64) 4,6-Dinitro-2-methylphenol	15.40	198	67518	33.97	ng	99
65) n-Nitrosodiphenylamine	15.51	169	354649	35.22	ng	99
66) 4-Bromophenyl-phenylether	16.19	248	87482	35.64	ng	97
67) Hexachlorobenzene	16.30	284	88326	34.99	ng	98
68) Atrazine	16.47	200	113355	41.93	ng	99
69) Pentachlorophenol	16.66	266	95394	77.83	ng	98
70) Phenanthrene	17.04	178	603752	35.78	ng	99
71) Anthracene	17.12	178	612527	36.50	ng	100
72) Carbazole	17.41	167	641634	38.16	ng	98
73) Di-n-butylphthalate	17.96	149	761358	37.99	ng	99
74) Fluoranthene	19.06	202	661866	37.02	ng	99
76) Benzidine	19.25	184	332592	35.37	ng	99
77) Pyrene	19.42	202	697569	35.96	ng	99
79) Butylbenzylphthalate	20.33	149	352800	36.97	ng	97
80) Benzo(a)anthracene	21.17	228	601583	35.93	ng	98
81) 3,3'-Dichlorobenzidine	21.10	252	120064	22.00	ng	97
82) Chrysene	21.22	228	573901	35.76	ng	99
83) Bis(2-ethylhexyl)phthalate	21.10	149	480800	37.04	ng	98
84) Di-n-octyl phthalate	21.96	149	810882	37.50	ng	100
85) Indeno(1,2,3-cd)pyrene	25.63	276	614236	35.11	ng	99
87) Benzo(b)fluoranthene	22.72	252	582083	37.08	ng	99
88) Benzo(k)fluoranthene	22.76	252	531294	34.68	ng	99
89) Benzo(a)pyrene	23.29	252	546781	36.96	ng	98
90) Dibenzo(a,h)anthracene	25.63	278	513994	35.73	ng	97
91) Benzo(g,h,i)perylene	26.31	276	522494	35.70	ng	99

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

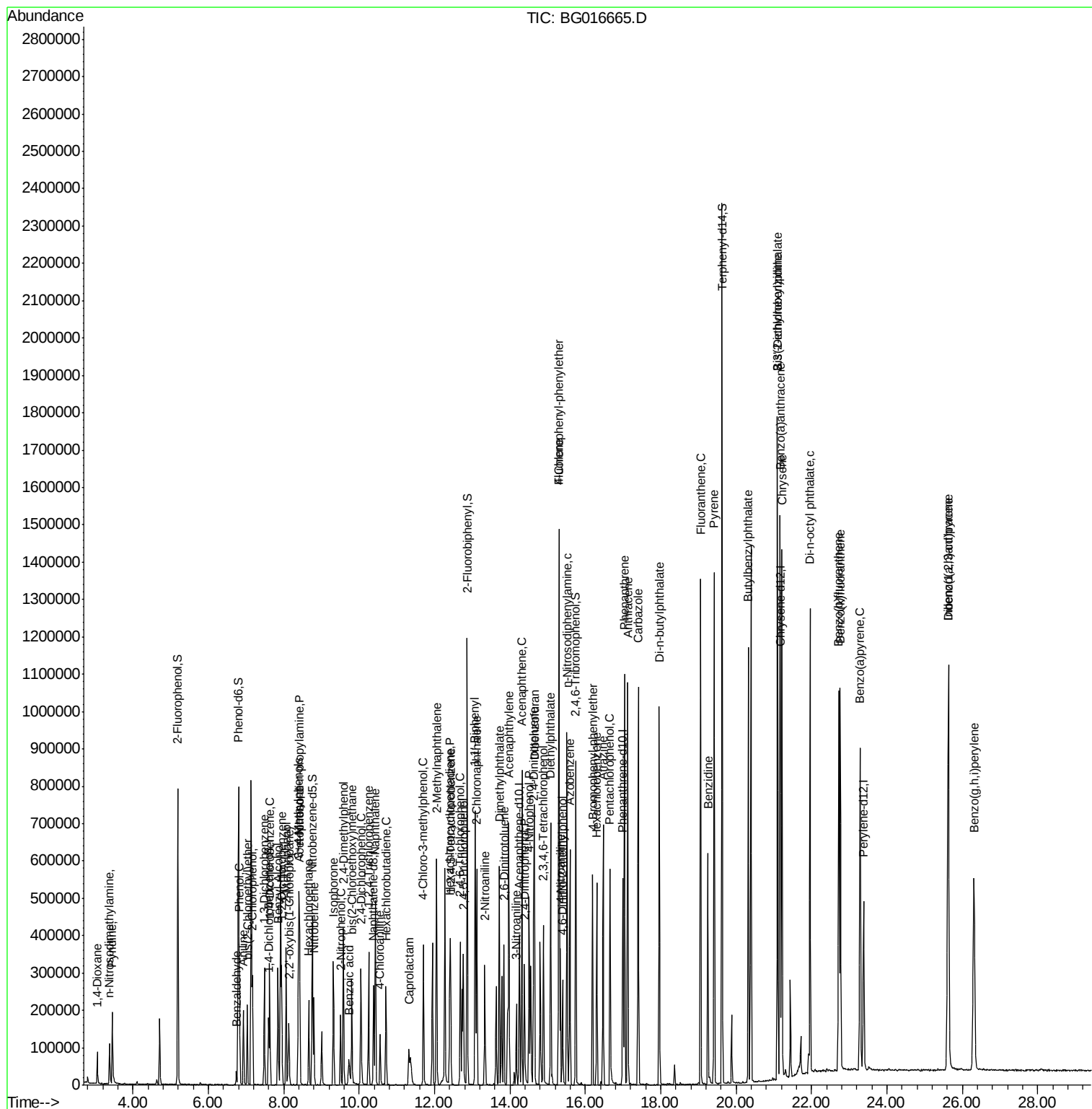
Data Path : Z:\HPCHEM1\BNA G\DATA\BG042315\
Data File : BG016665.D
Acq On : 23 Apr 2015 22:37
Operator : TP/IZ
Sample : PB82952BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

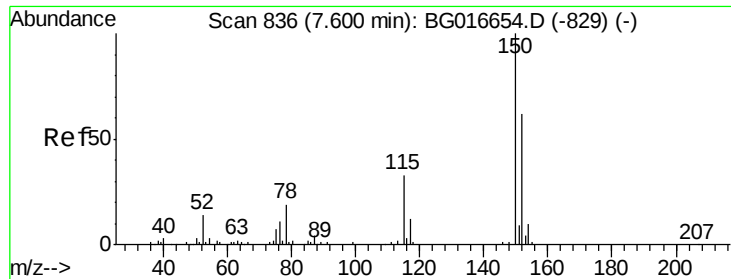
Instrument :
BNA_G
ClientSampleId :
PB82952BS

Manual Integrations
APPROVED

apatel
4/24/2015 3:29:46 PM

Quant Time: Apr 24 03:21:31 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 19:19:11 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.59 min Scan# 835

Delta R.T. -0.01 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

Instrument :

BNA_G

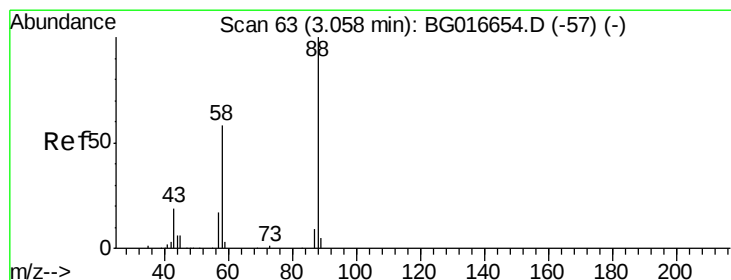
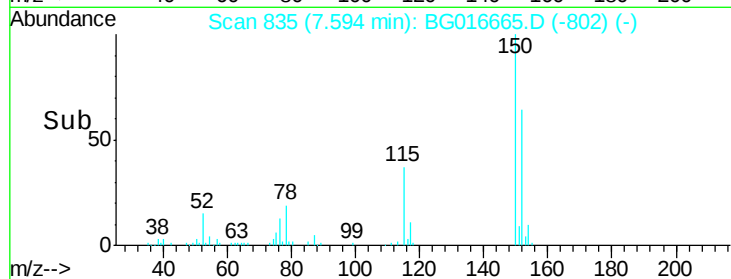
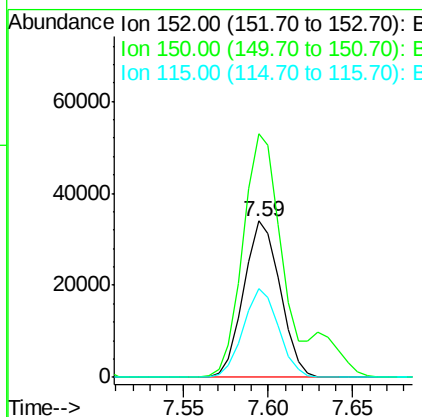
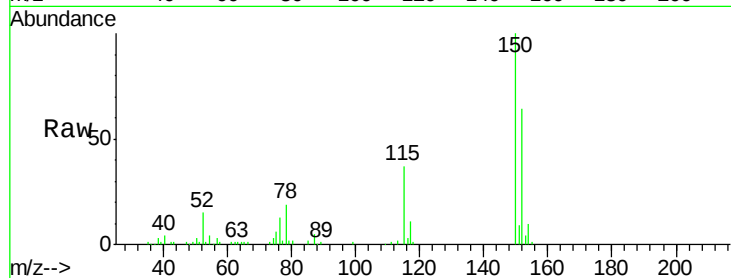
ClientSampleId :

PB82952BS

Tot Ion:	152	Resp:	51256
Ion	Ratio	Lower	Upper
152	100		
150	155.9	129.6	194.4
115	57.1	43.0	64.6

Manual Integrations
APPROVED

apatel
4/24/2015 3:29:46 PM



#2

1,4-Dioxane

Concen: 30.51 ng

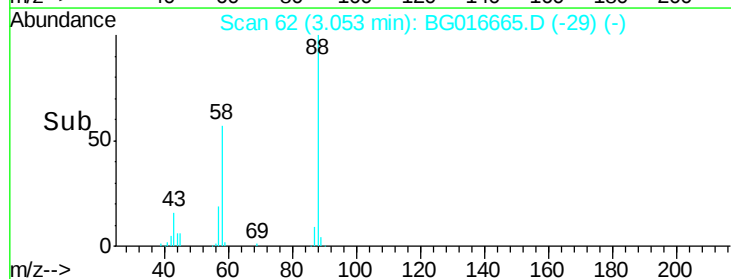
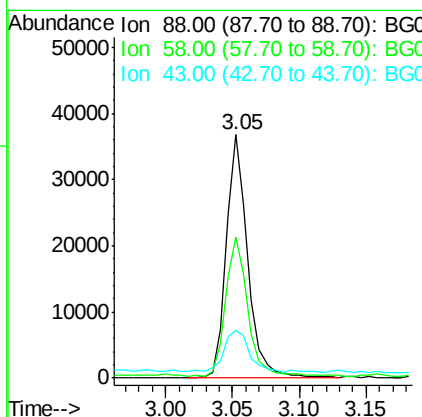
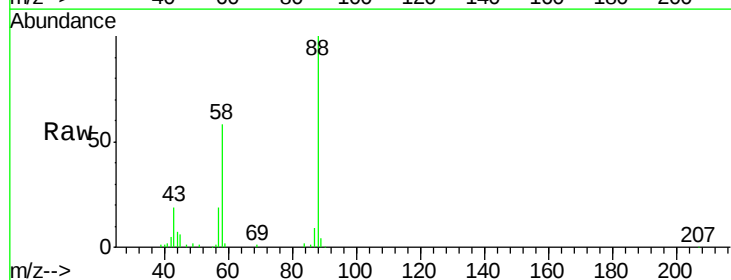
RT: 3.05 min Scan# 62

Delta R.T. -0.01 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

Tgt Ion:	88	Resp:	41743
Ion	Ratio	Lower	Upper
88	100		
58	57.8	46.8	70.2
43	20.4	15.8	23.8





#3

Pvridine

Concen: 29.77 ng

RT: 3.45 min Scan# 130

Delta R.T. -0.01 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

Instrument :

BNA_G

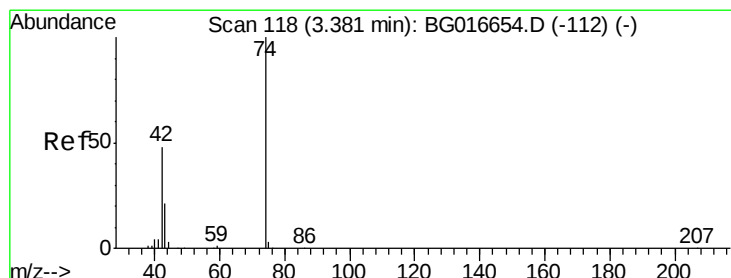
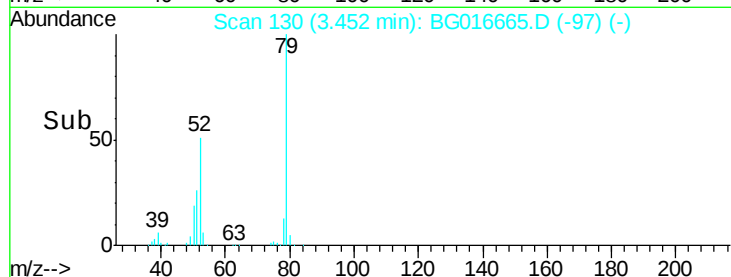
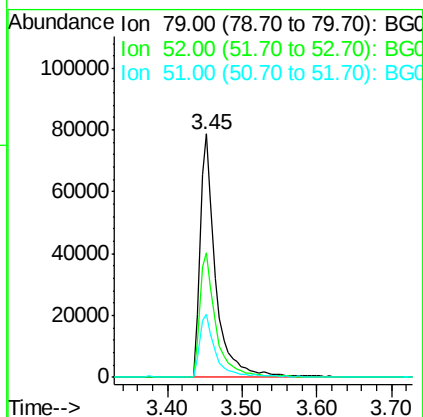
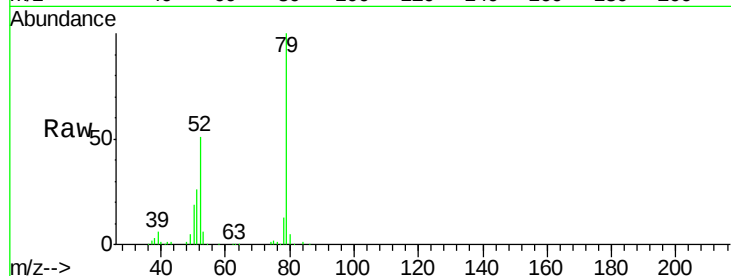
ClientSampleId :

PB82952BS

Tot Ion:	79	Resp:	115649
Ion	Ratio	Lower	Upper
79	100		
52	51.0	42.7	64.1
51	26.0	20.5	30.7

Manual Integrations
APPROVED

apatel
4/24/2015 3:29:46 PM



#4

n-Nitrosodimethylamine

Concen: 33.17 ng

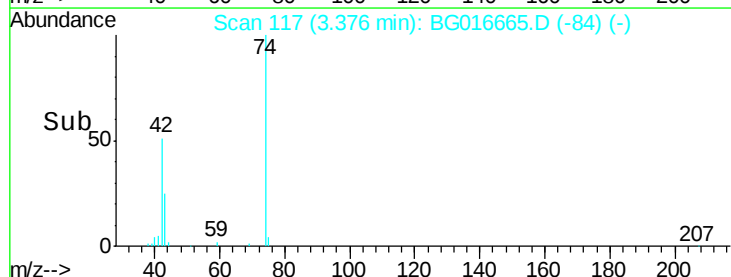
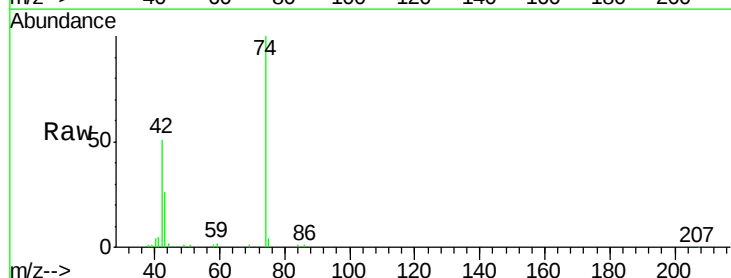
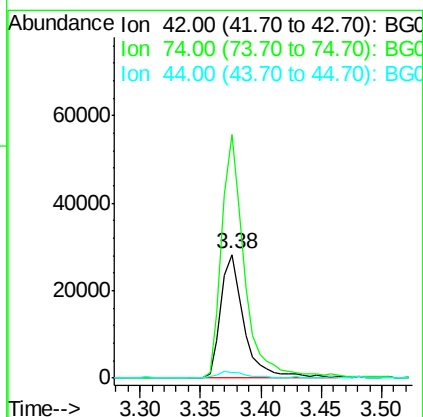
RT: 3.38 min Scan# 117

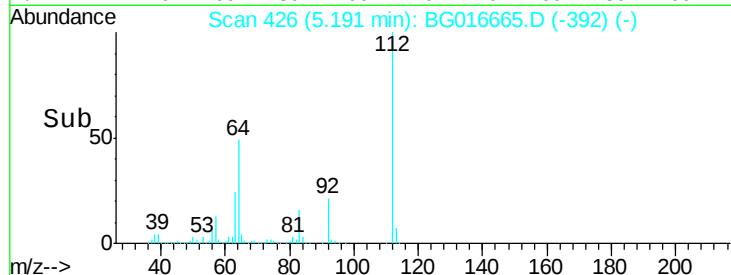
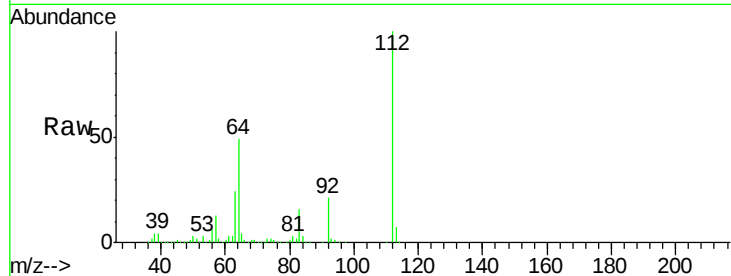
Delta R.T. -0.01 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

Tgt Ion:	42	Resp:	38023
Ion	Ratio	Lower	Upper
42	100		
74	197.1	165.6	248.4
44	4.9	5.0	7.6#





#5

2-Fluorophenol

Concen: 119.13 ng

RT: 5.19 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

Tot Ion	Ratio	Resp	Lower	Upper
112	100	376281		
64	49.0		38.3	57.5
63	24.4		18.9	28.3

Instrument :

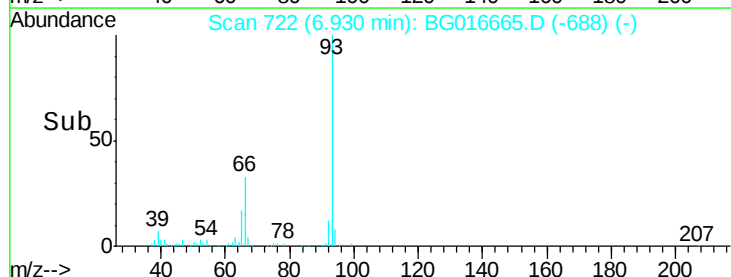
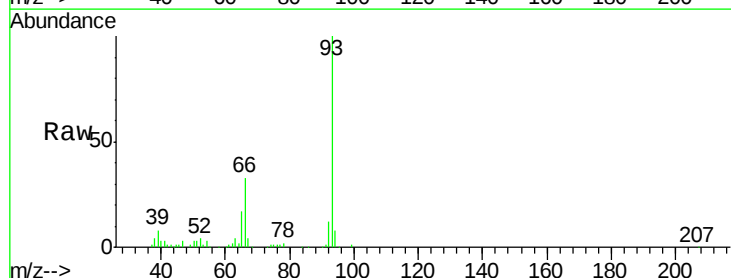
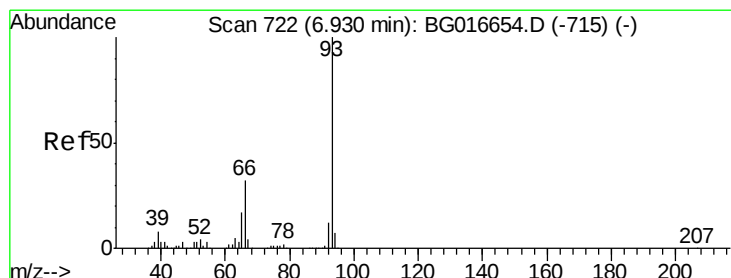
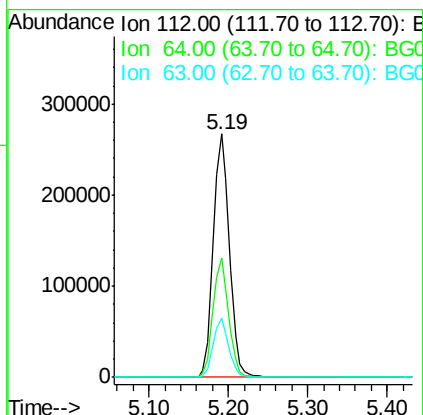
BNA_G

ClientSampleId :

PB82952BS

Manual Integrations
APPROVED

apatel
4/24/2015 3:29:46 PM



#6

Aniline

Concen: 21.92 ng

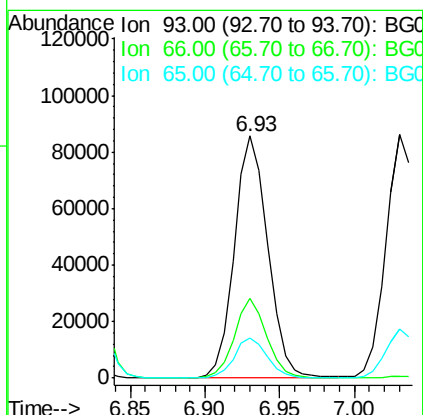
RT: 6.93 min Scan# 722

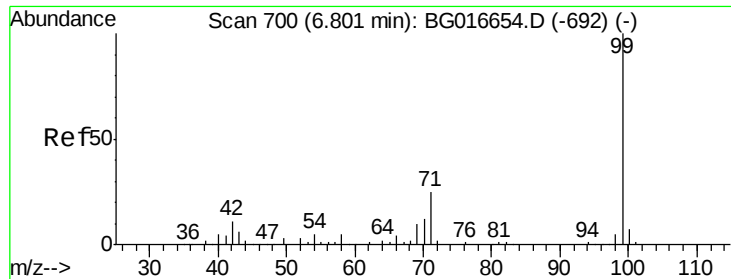
Delta R.T. 0.00 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	133188		
66	33.1		25.4	38.2
65	16.6		13.8	20.6





#7

Phenol-d6

Concen: 117.24 ng

RT: 6.80 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

Instrument :

BNA_G

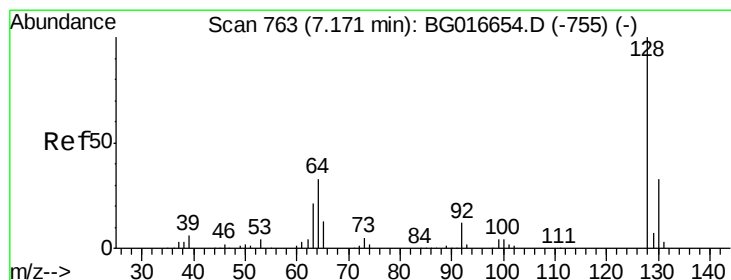
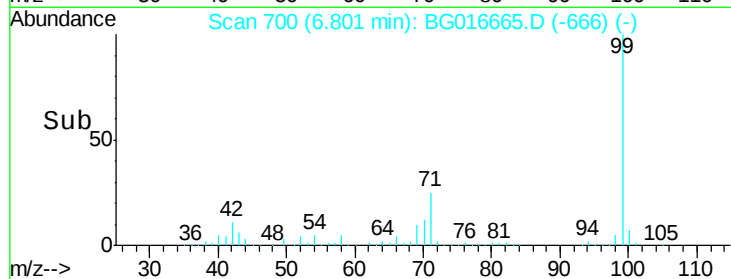
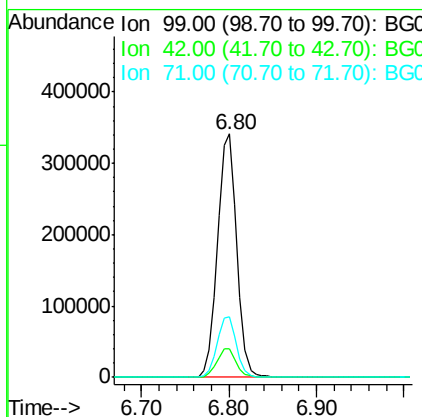
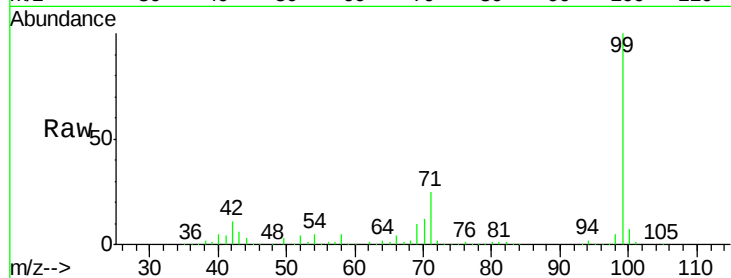
ClientSampleId :

PB82952BS

Tot Ion:	99	Resp:	519524
Ion Ratio	Lower	Upper	
99	100		
42	11.5	8.8	13.2
71	25.1	19.9	29.9

Manual Integrations
APPROVED

apatel
4/24/2015 3:29:46 PM



#8

2-Chlorophenol

Concen: 37.23 ng

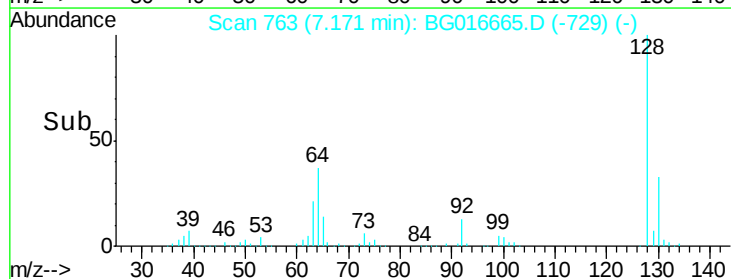
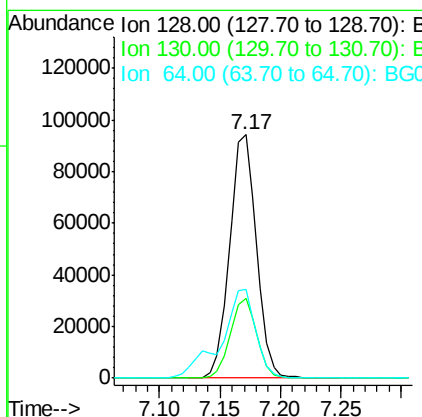
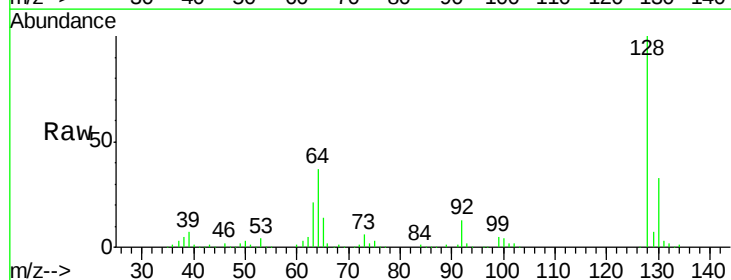
RT: 7.17 min Scan# 763

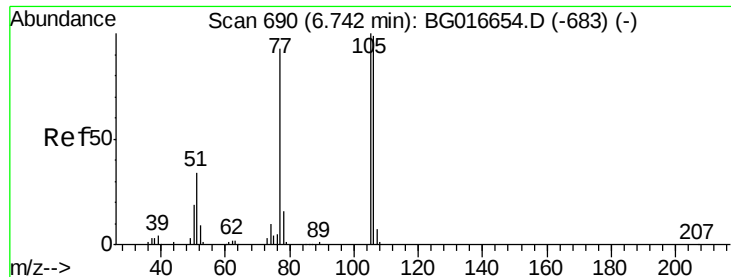
Delta R.T. 0.00 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

Tgt Ion:	128	Resp:	145348
Ion Ratio	Lower	Upper	
128	100		
130	32.6	13.5	53.5
64	36.5	15.8	55.8





#9

Benzaldehyde

Concen: 6.87 ng

RT: 6.74 min Scan# 690

Delta R.T. 0.00 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

Instrument :

BNA_G

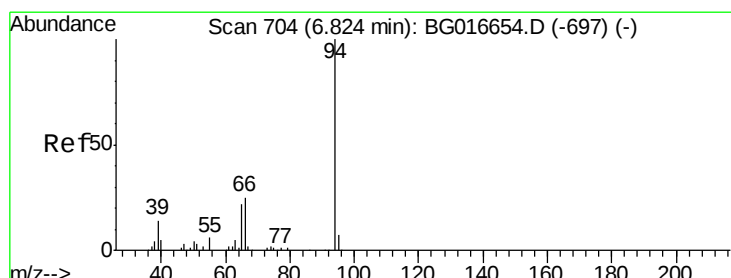
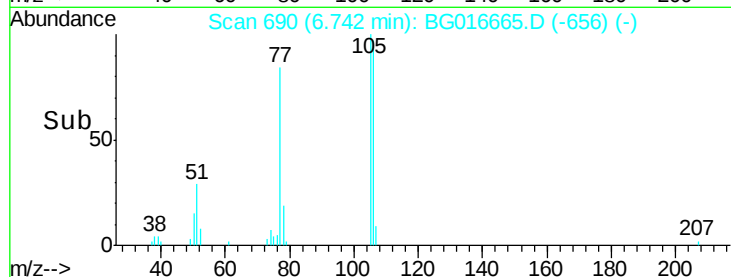
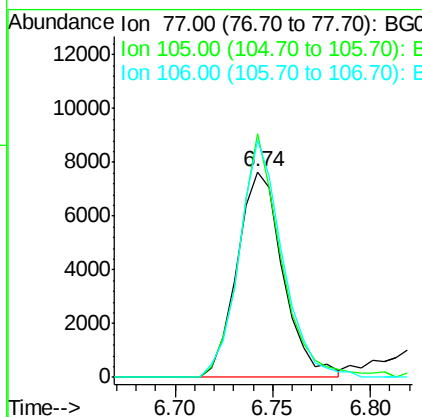
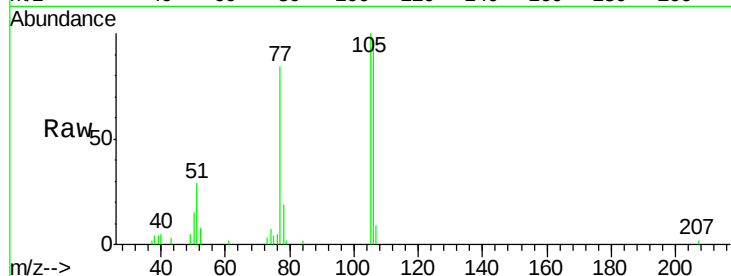
ClientSampleId :

PB82952BS

Tot Ion:	77	Resp:	12436
Ion	Ratio	Lower	Upper
77	100		
105	118.5	88.0	128.0
106	115.3	86.6	126.6

Manual Integrations
APPROVED

apatel
4/24/2015 3:29:46 PM



#10

Phenol

Concen: 38.48 ng

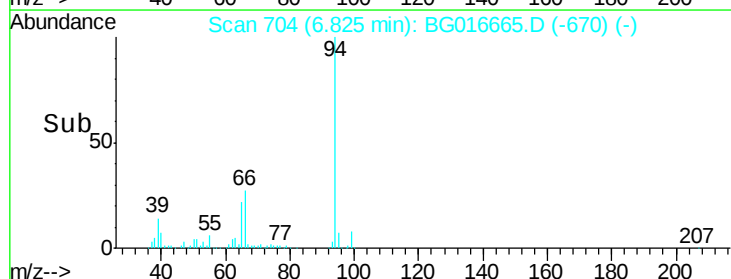
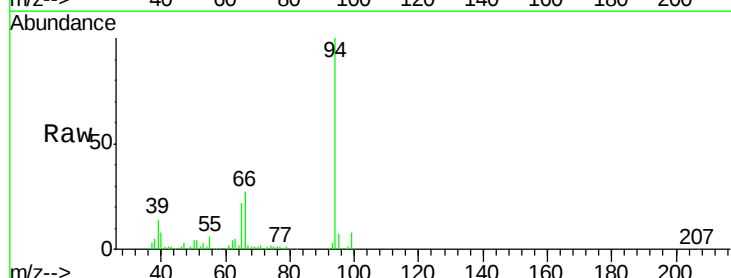
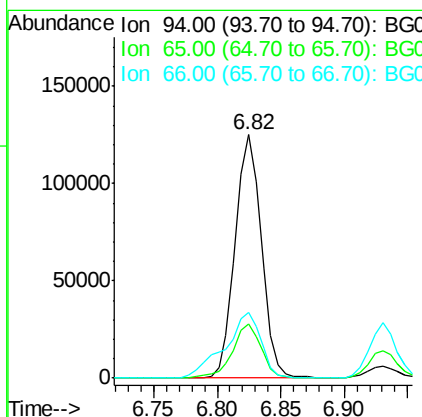
RT: 6.82 min Scan# 704

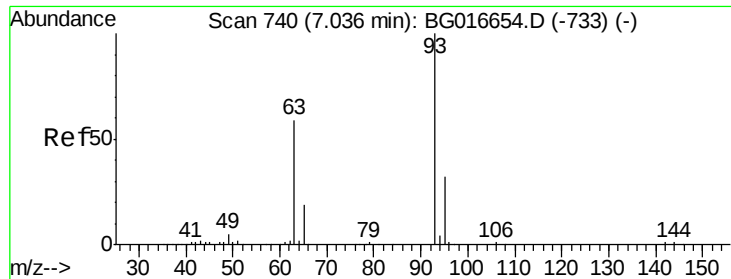
Delta R.T. 0.00 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

Tgt Ion:	94	Resp:	179723
Ion	Ratio	Lower	Upper
94	100		
65	22.4	2.6	42.6
66	26.8	7.0	47.0





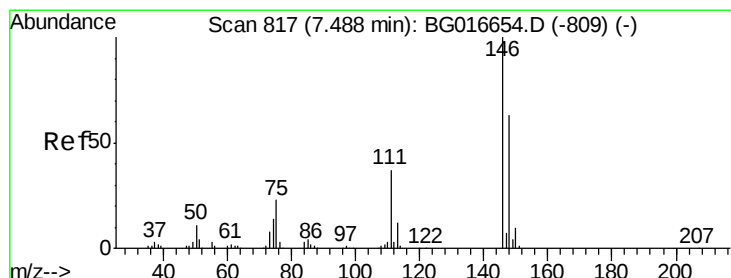
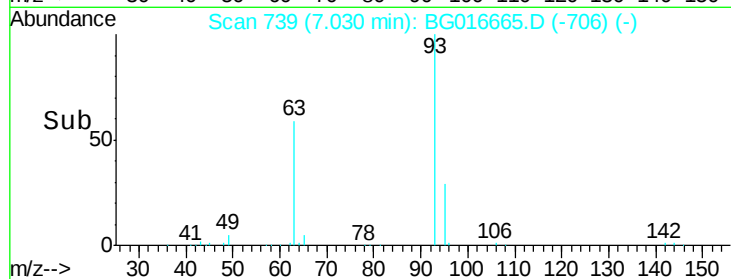
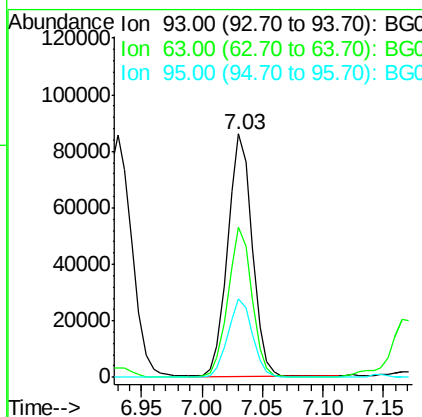
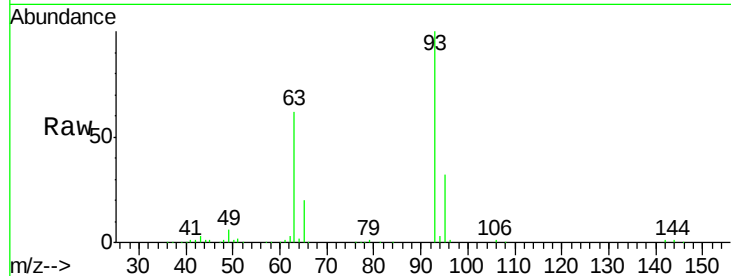
#11
bis(2-Chloroethyl)ether
Concen: 33.39 ng
RT: 7.03 min Scan# 739
Delta R.T. -0.01 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

Instrument :
BNA_G
ClientSampleId :
PB82952BS

Tot Ion:	93	Resp:	121746
Ion	Ratio	Lower	Upper
93	100		
63	61.6	39.2	79.2
95	32.4	11.9	51.9

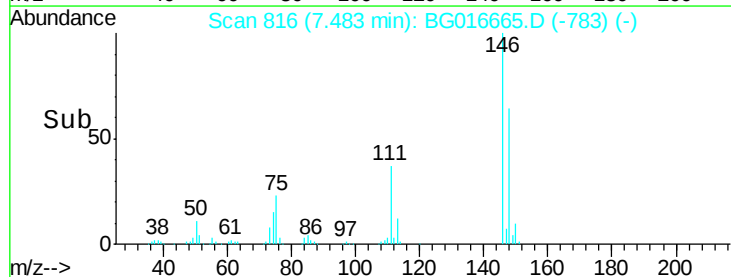
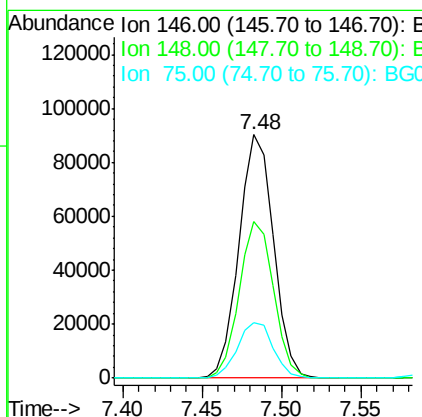
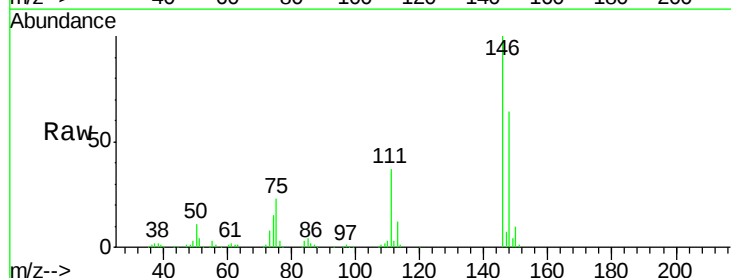
Manual Integrations
APPROVED

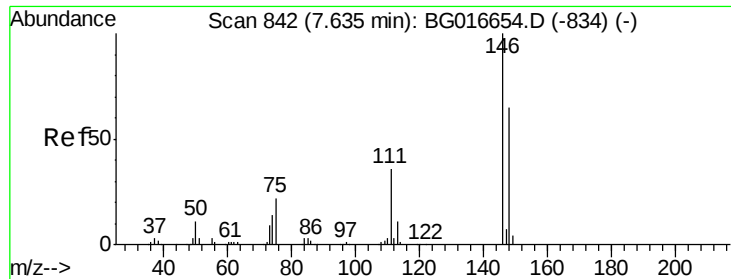
apatel
4/24/2015 3:29:46 PM



#12
1,3-Dichlorobenzene
Concen: 33.75 ng
RT: 7.48 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

Tgt Ion:	146	Resp:	136272
Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.2	75.4
75	22.7	18.4	27.6





#13

1,4-Dichlorobenzene

Concen: 33.39 ng

RT: 7.63 min Scan# 841

Delta R.T. -0.01 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

Instrument :

BNA_G

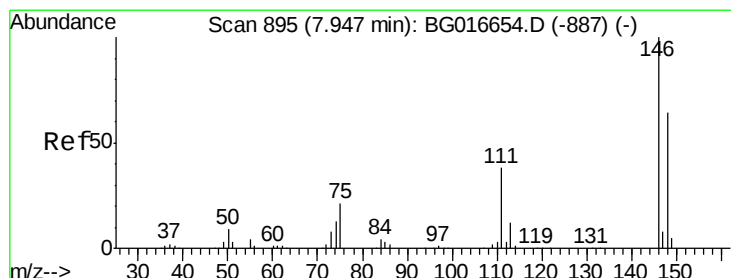
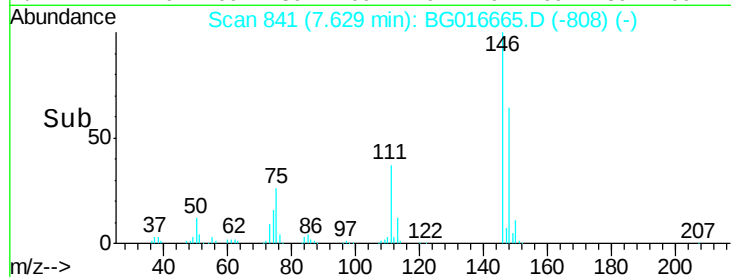
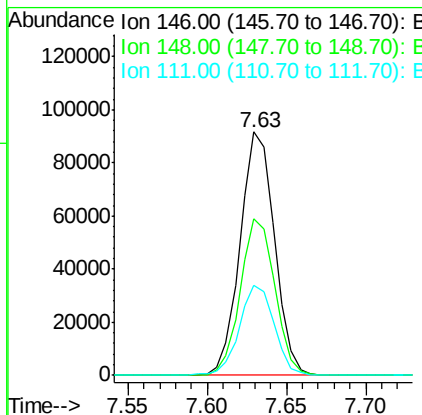
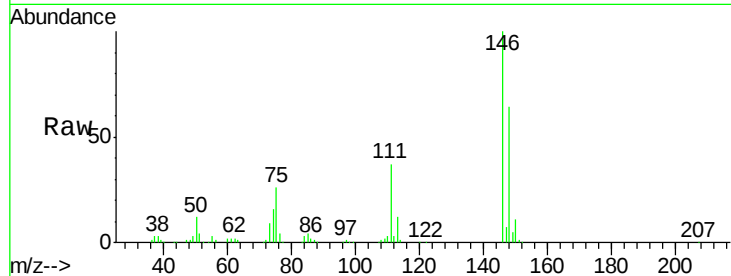
ClientSampleId :

PB82952BS

Tot Ion:	146	Resp:	137824
Ion Ratio	Lower	Upper	
146	100		
148	64.4	51.6	77.4
111	36.8	29.0	43.4

Manual Integrations
APPROVED

apatel
4/24/2015 3:29:46 PM



#14

1,2-Dichlorobenzene

Concen: 33.66 ng

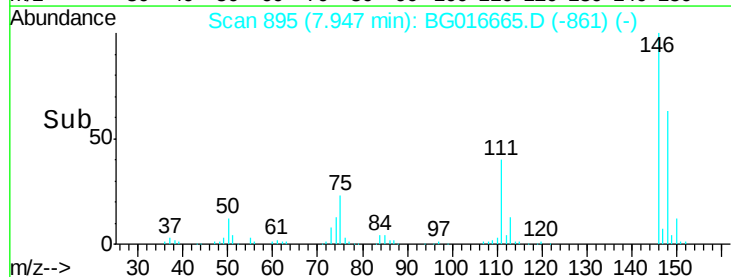
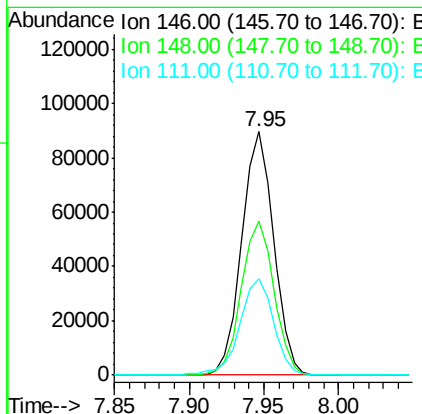
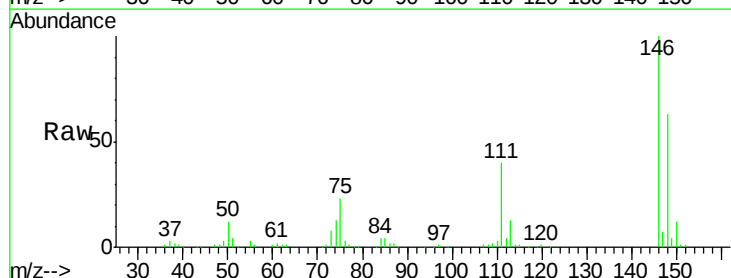
RT: 7.95 min Scan# 895

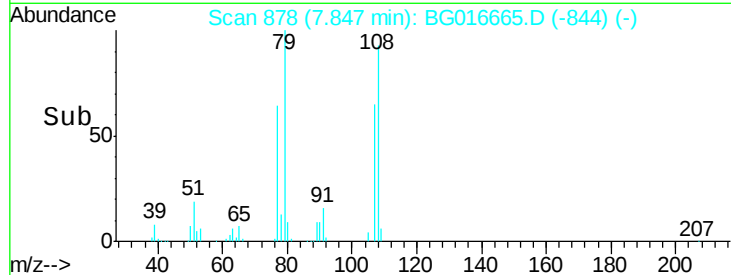
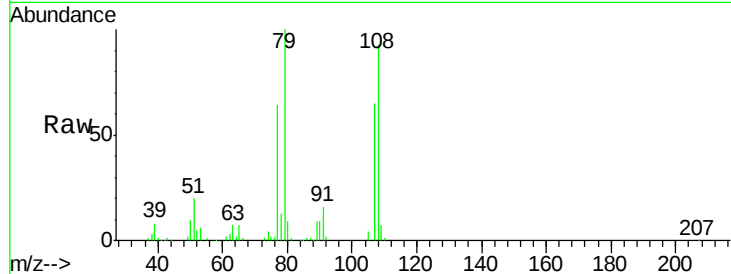
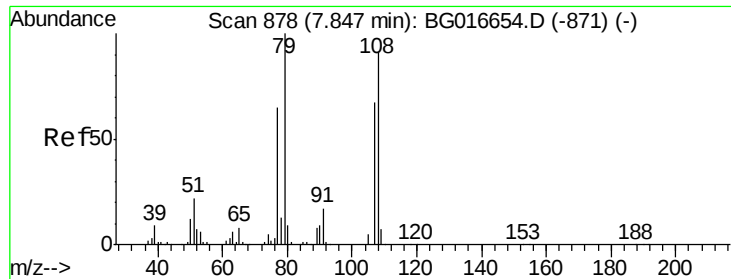
Delta R.T. 0.00 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

Tgt Ion:	146	Resp:	132639
Ion Ratio	Lower	Upper	
146	100		
148	63.3	51.3	76.9
111	39.8	31.0	46.4





#15

Benzyl Alcohol

Concen: 35.11 ng

RT: 7.85 min Scan# 878

Delta R.T. 0.00 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

Tot Ion:	79	Resp:	97630
Ion Ratio	Lower	Upper	
79	100		
108	93.2	73.0	109.4
77	64.2	51.8	77.8

Instrument :

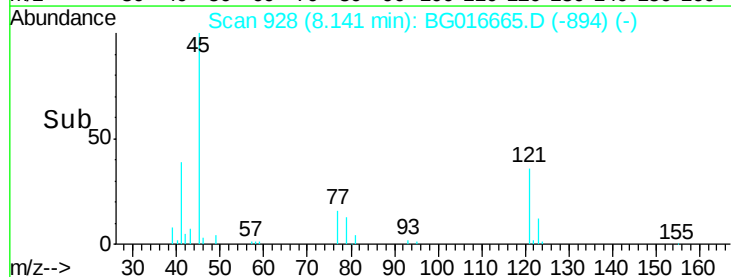
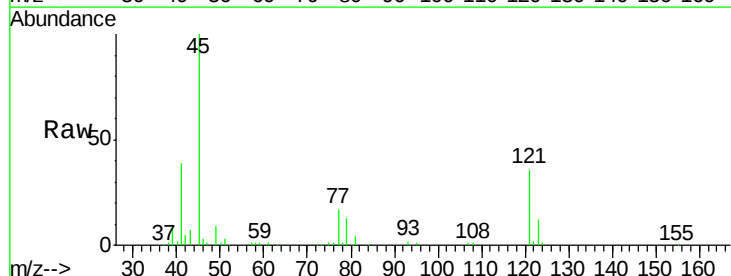
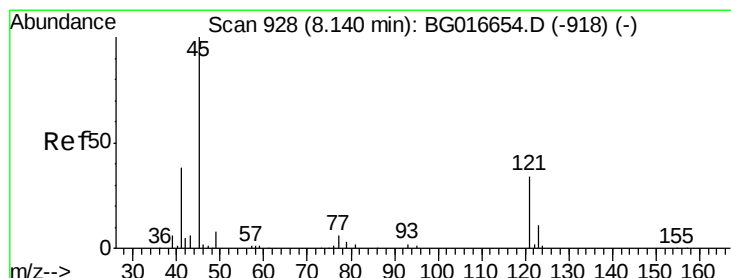
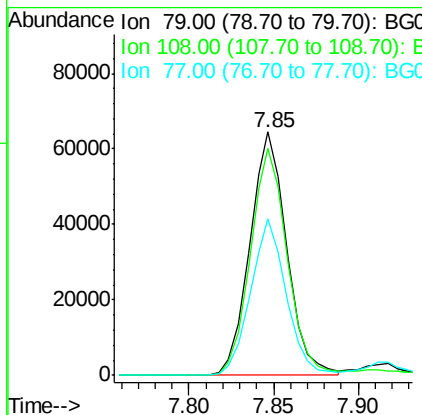
BNA_G

ClientSampleId :

PB82952BS

Manual Integrations
APPROVED

apatel
4/24/2015 3:29:46 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.36 ng

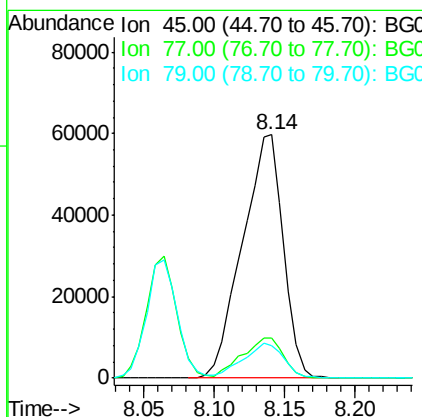
RT: 8.14 min Scan# 928

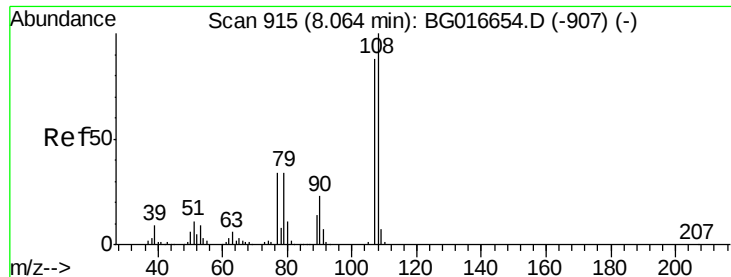
Delta R.T. 0.00 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

Tgt Ion:	45	Resp:	120682
Ion Ratio	Lower	Upper	
45	100		
77	16.7	0.0	37.3
79	13.5	0.0	34.7





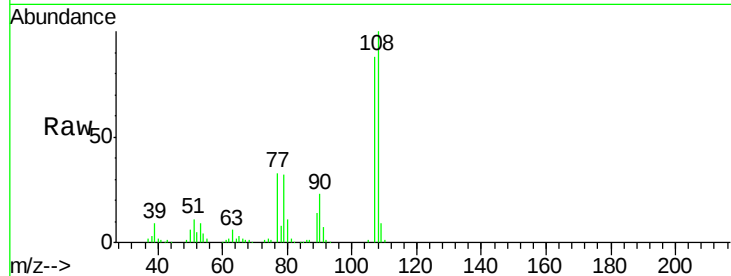
#17
2-Methylphenol
Concen: 38.16 ng
RT: 8.06 min Scan# 915
Delta R.T. 0.00 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

Instrument :
BNA_G
ClientSampleId :
PB82952BS

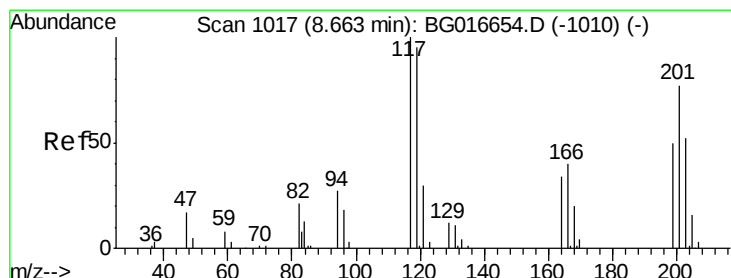
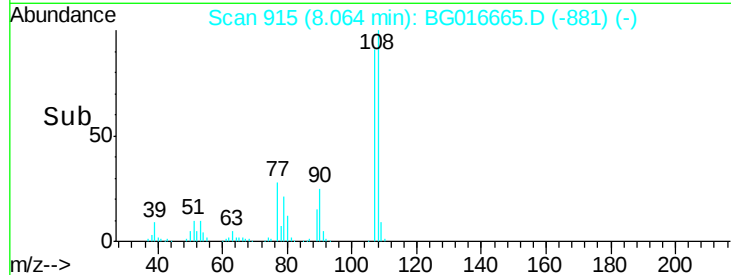
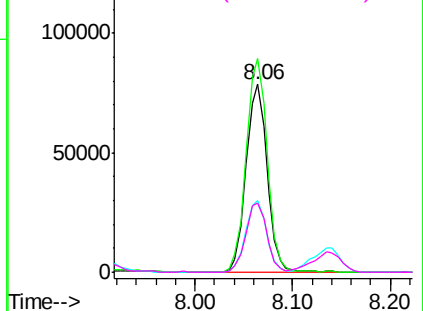
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.8	90.6	135.8	
77	38.0	31.4	47.0	
79	36.8	30.9	46.3	

Manual Integrations
APPROVED

apatel
4/24/2015 3:29:46 PM

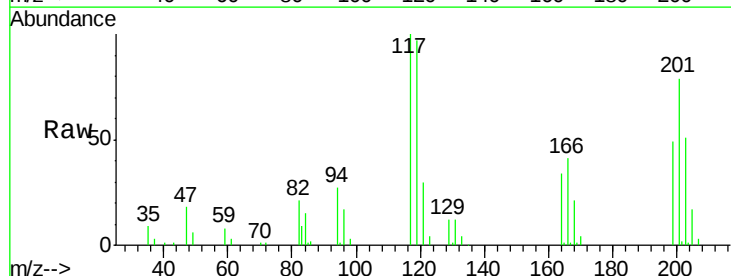


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

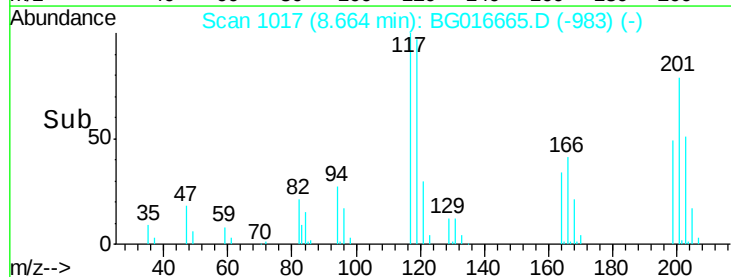
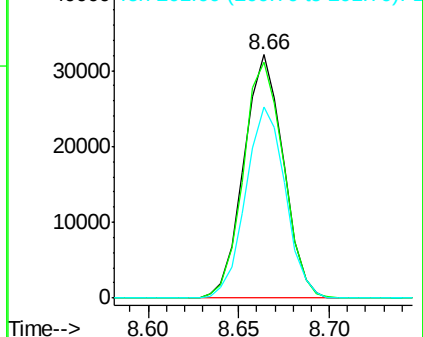


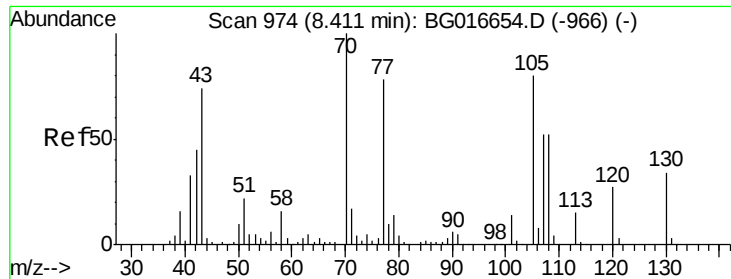
#18
Hexachloroethane
Concen: 33.65 ng
RT: 8.66 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.1	76.3	114.5	
201	78.6	61.5	92.3	



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





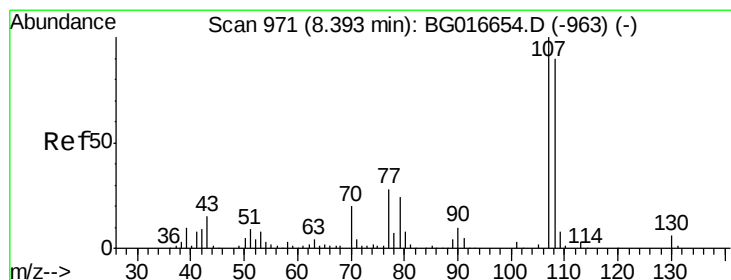
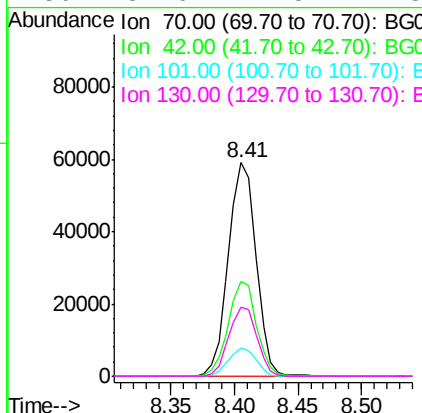
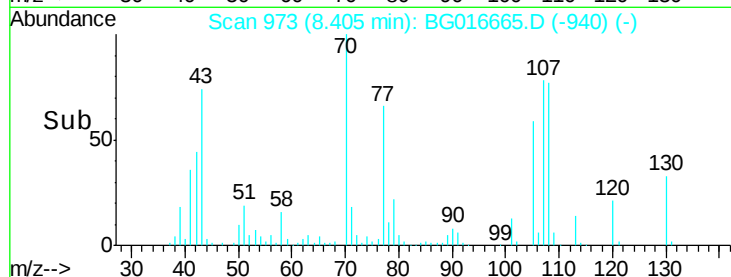
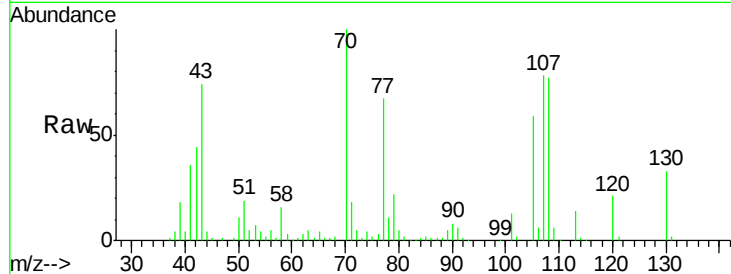
#19
n-Nitroso-di-n-propylamine
Concen: 32.34 ng
RT: 8.41 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

Instrument :
BNA_G
ClientSampleId :
PB82952BS

Tot Ion:	70	Resp:	89333
Ion Ratio	Lower	Upper	
70	100		
42	44.3	35.7	53.5
101	13.5	11.0	16.4
130	32.6	27.5	41.3

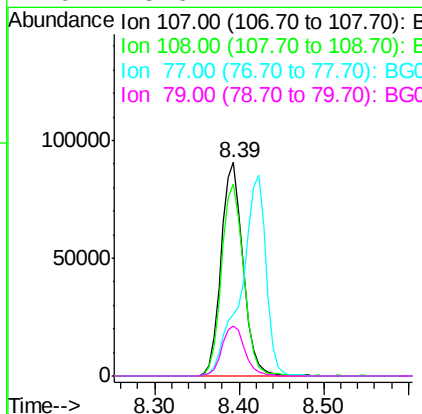
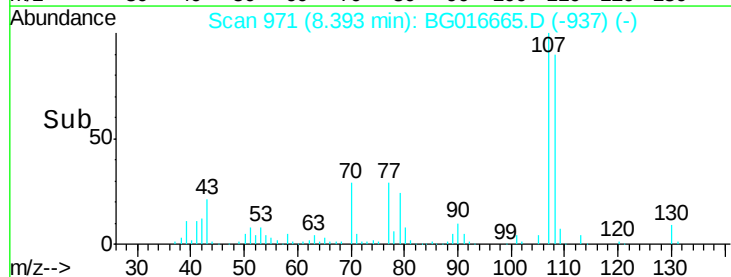
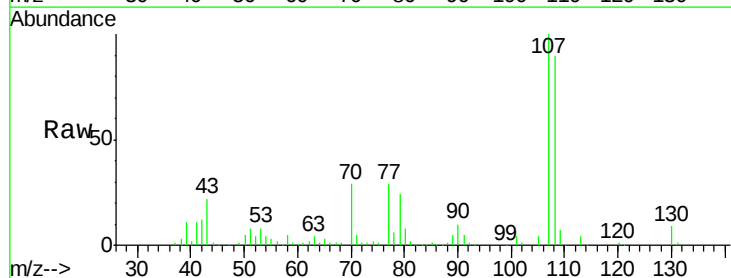
Manual Integrations
APPROVED

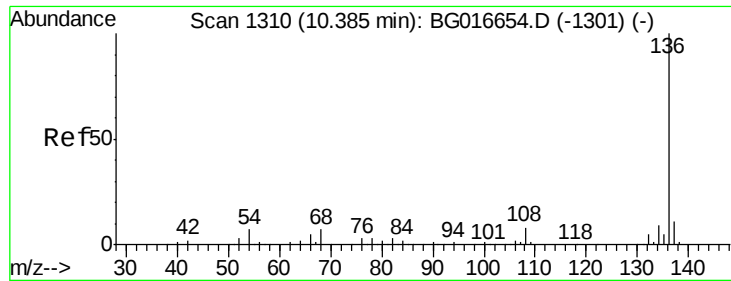
apatel
4/24/2015 3:29:46 PM



#20
3+4-Methylphenols
Concen: 37.32 ng
RT: 8.39 min Scan# 971
Delta R.T. 0.00 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

Tgt Ion:	107	Resp:	163879
Ion Ratio	Lower	Upper	
107	100		
108	90.2	69.5	109.5
77	28.6	8.2	48.2
79	23.6	4.2	44.2





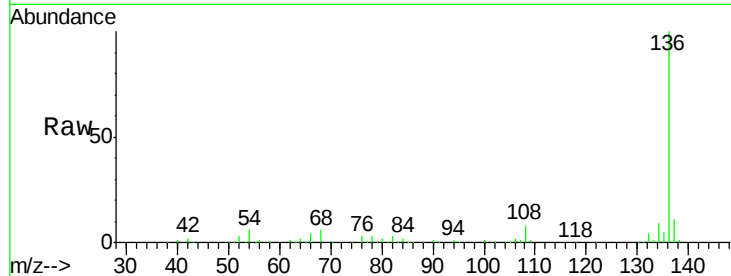
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.38 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

Instrument :
BNA_G
ClientSampleId :
PB82952BS

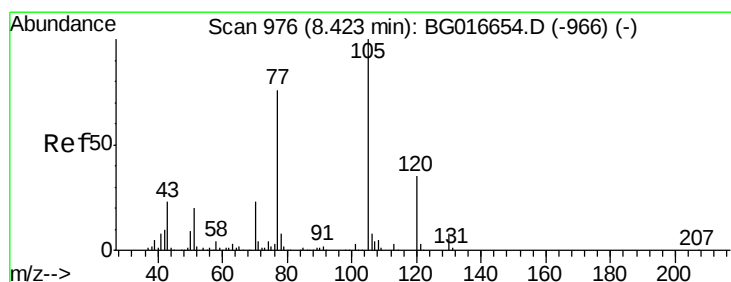
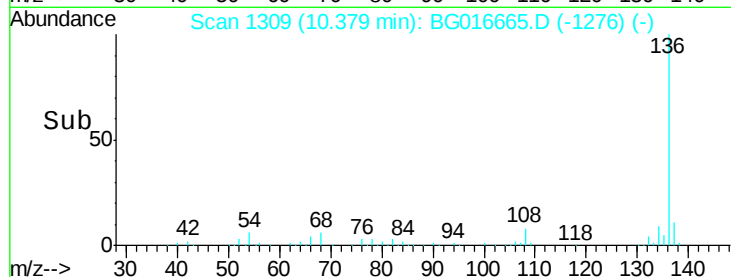
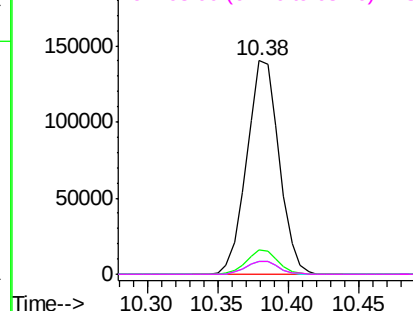
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		225158		
137	11.2		8.5	12.7	
54	6.2		5.4	8.2	
68	6.0		5.2	7.8	

Manual Integrations
APPROVED

apatel
4/24/2015 3:29:46 PM



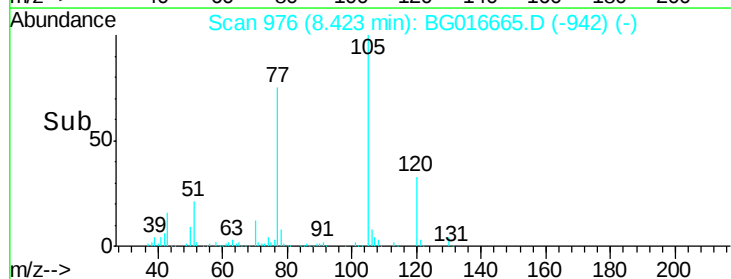
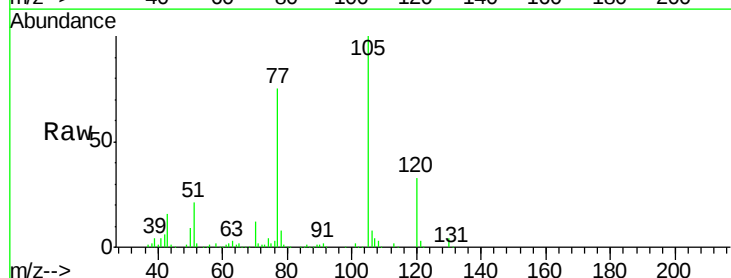
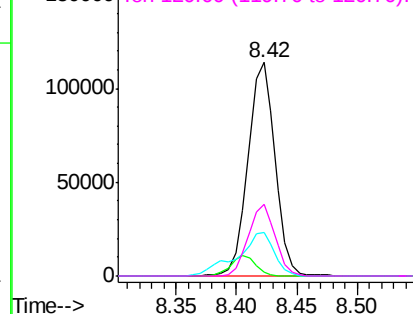
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

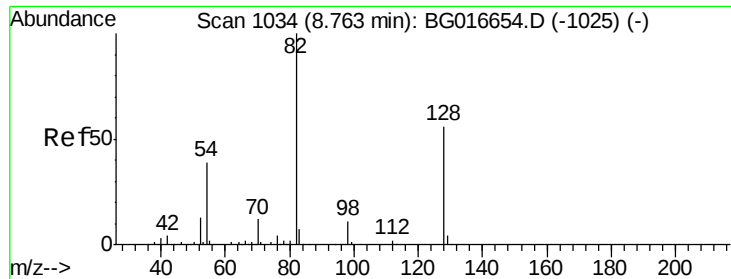


#22
Acetophenone
Concen: 36.12 ng
RT: 8.42 min Scan# 976
Delta R.T. 0.00 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		178481		
71	2.0		3.0	4.4#	
51	20.6		16.5	24.7	
120	33.5		27.8	41.6	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





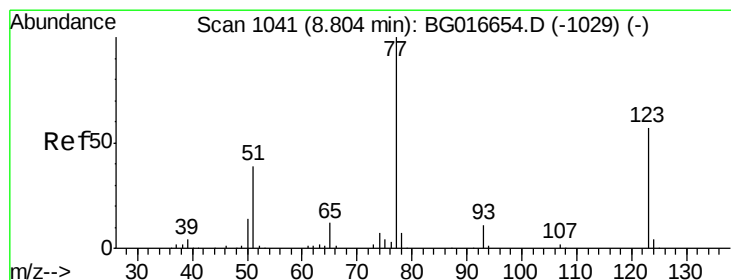
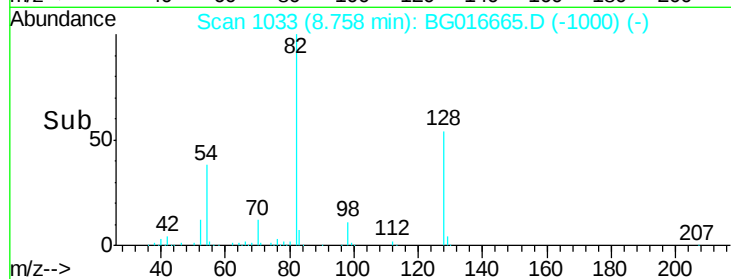
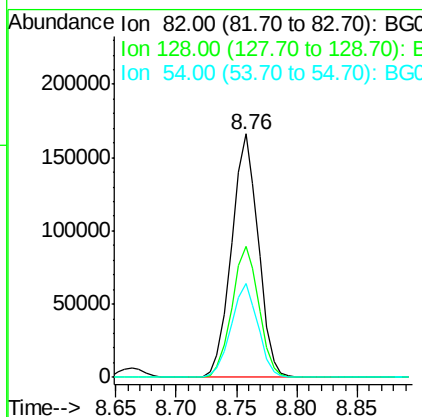
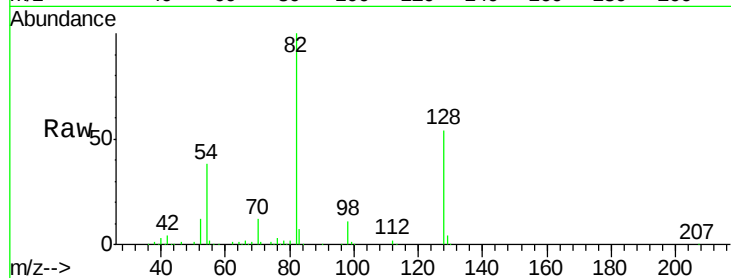
#23
 Nitrobenzene-d5
 Concen: 71.88 ng
 RT: 8.76 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BG016665.D
 Acq: 23 Apr 2015 22:37

Instrument :
 BNA_G
 ClientSampleId :
 PB82952BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	256121		
128	53.8	44.7	67.1	
54	38.5	30.9	46.3	

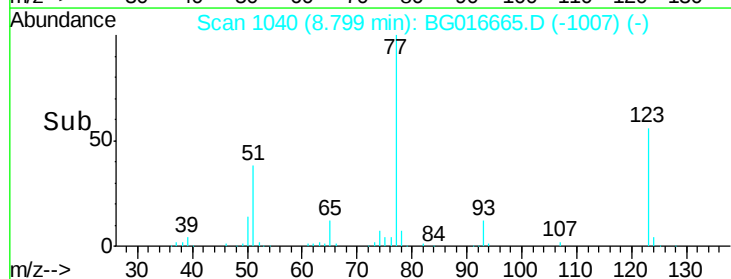
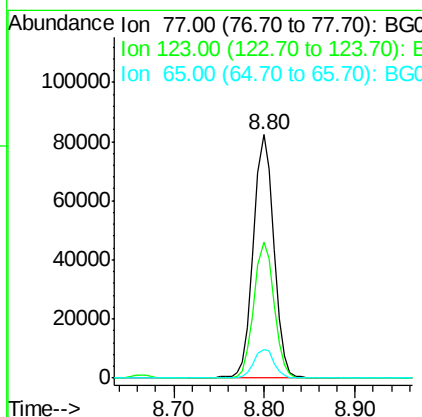
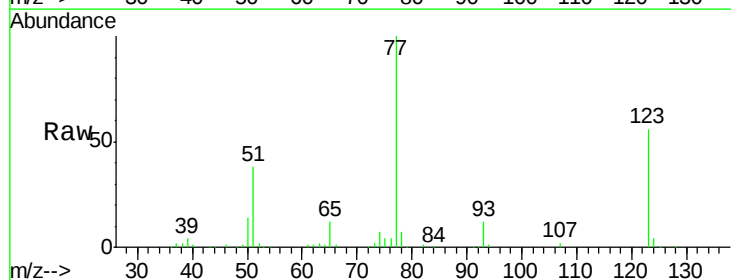
Manual Integrations
 APPROVED

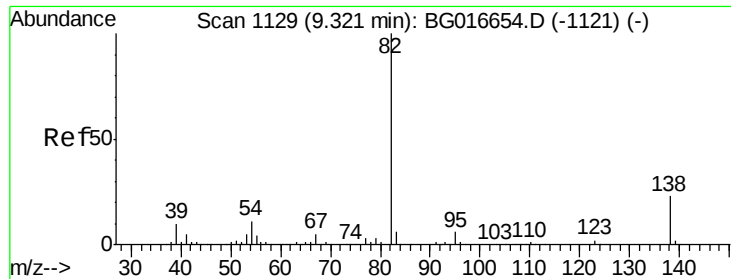
apatel
 4/24/2015 3:29:46 PM



#24
 Nitrobenzene
 Concen: 34.34 ng
 RT: 8.80 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG016665.D
 Acq: 23 Apr 2015 22:37

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	128498		
123	55.9	45.6	68.4	
65	11.6	9.4	14.2	





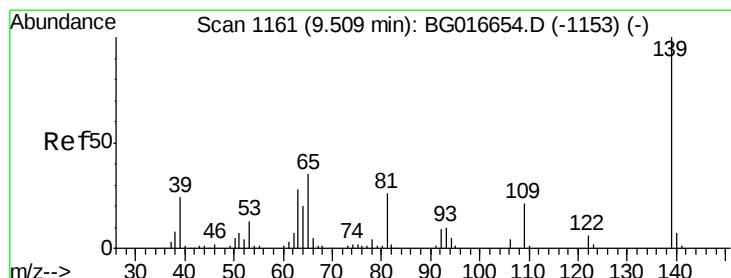
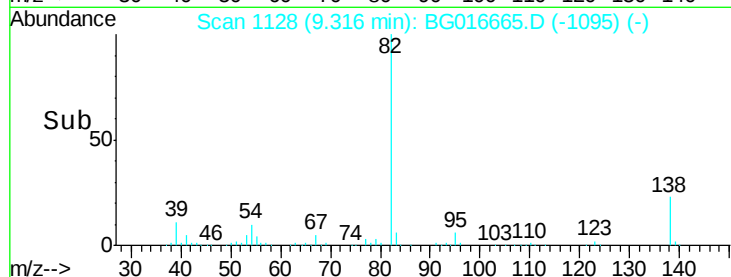
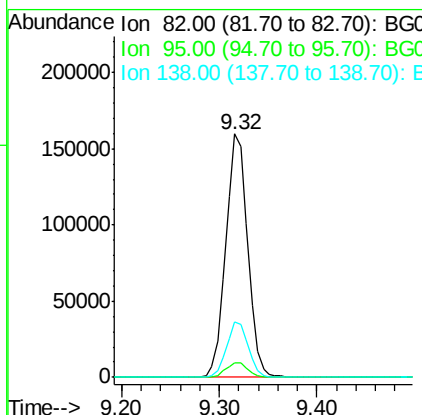
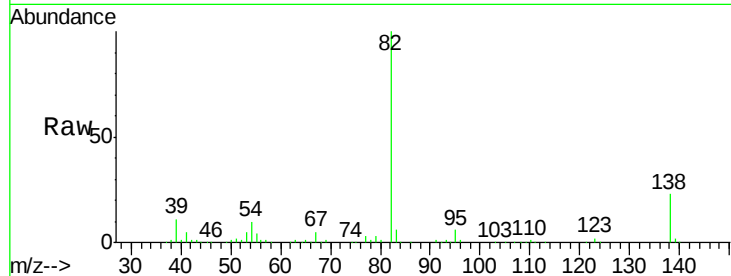
#25
Isophorone
Concen: 33.61 ng
RT: 9.32 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

Instrument :
BNA_G
ClientSampleId :
PB82952BS

Tot Ion	82	Resp	248208
Ion Ratio	100	Lower	Upper
82	100		
95	6.0	5.0	7.6
138	22.8	18.2	27.2

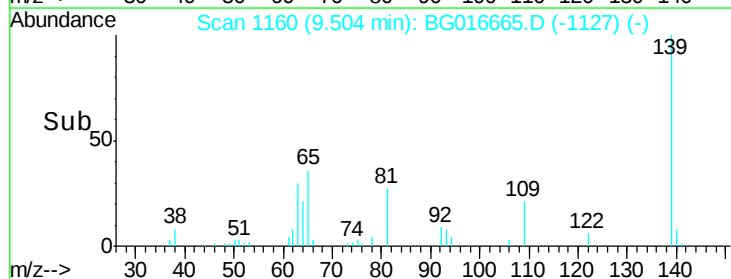
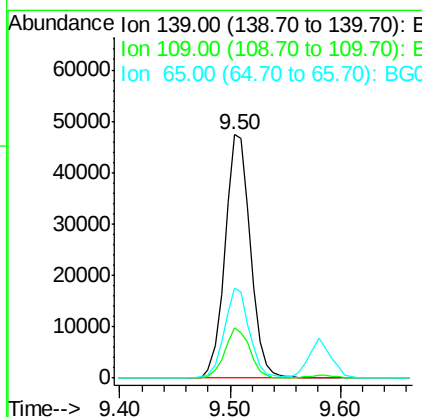
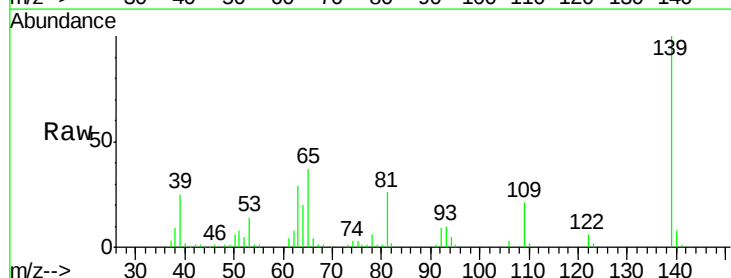
Manual Integrations
APPROVED

apatel
4/24/2015 3:29:46 PM



#26
2-Nitrophenol
Concen: 35.11 ng
RT: 9.50 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

Tgt Ion	139	Resp	76235
Ion Ratio	100	Lower	Upper
139	100		
109	20.6	17.0	25.6
65	37.2	28.2	42.4





#27

2,4-Dimethylphenol

Concen: 38.89 ng

RT: 9.58 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

Instrument :

BNA_G

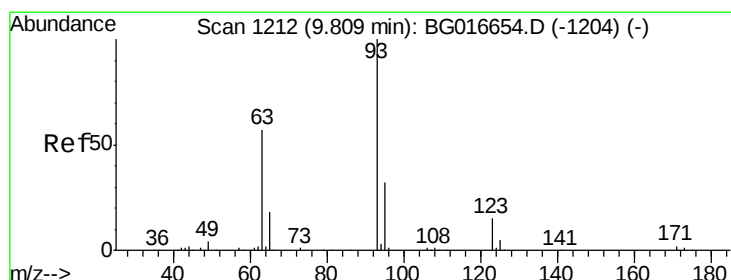
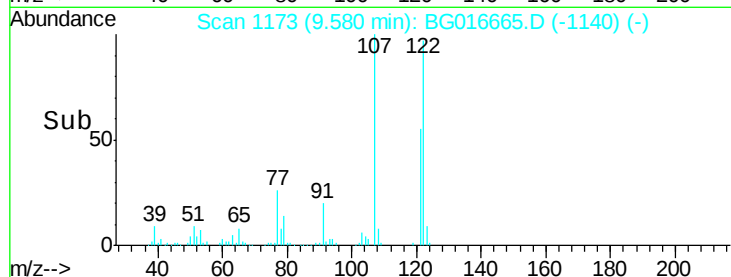
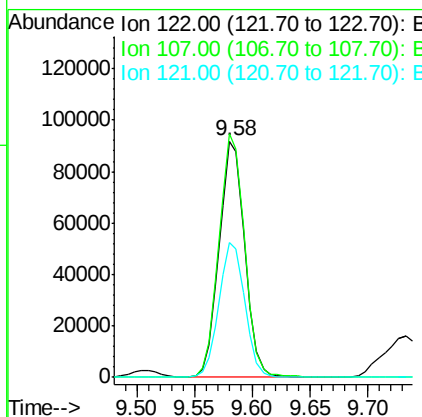
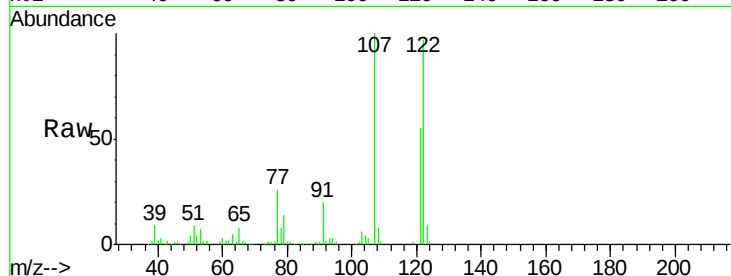
ClientSampleId :

PB82952BS

Tot Ion:	122	Resp:	141018
Ion Ratio	Lower	Upper	
122	100		
107	103.2	83.6	125.4
121	56.9	46.8	70.2

Manual Integrations
APPROVED

apatel
4/24/2015 3:29:46 PM



#28

bis(2-Chloroethoxy)methane

Concen: 35.97 ng

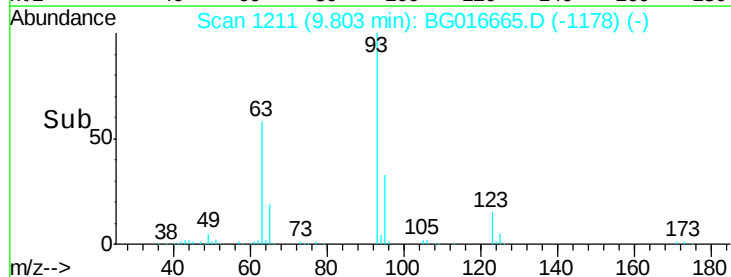
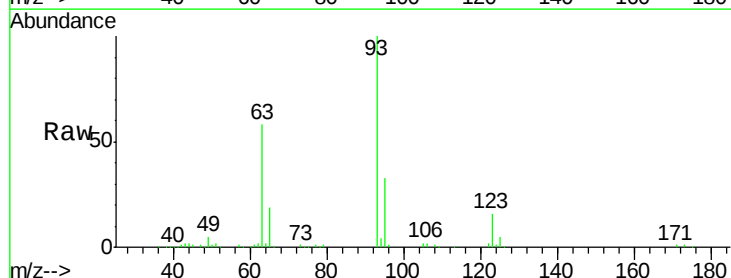
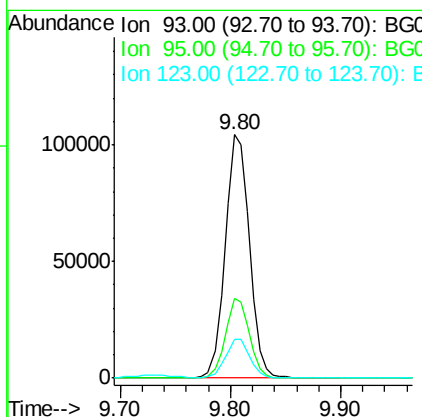
RT: 9.80 min Scan# 1211

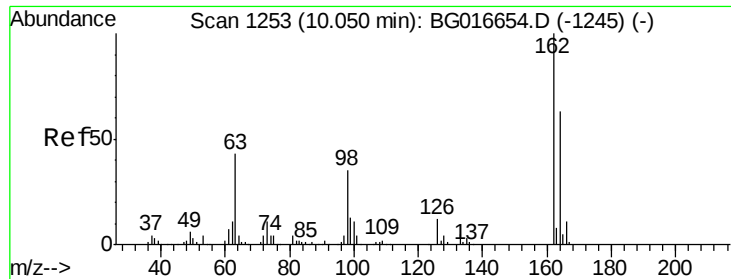
Delta R.T. -0.01 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

Tgt Ion:	93	Resp:	160275
Ion Ratio	Lower	Upper	
93	100		
95	32.7	25.4	38.2
123	15.7	12.2	18.4





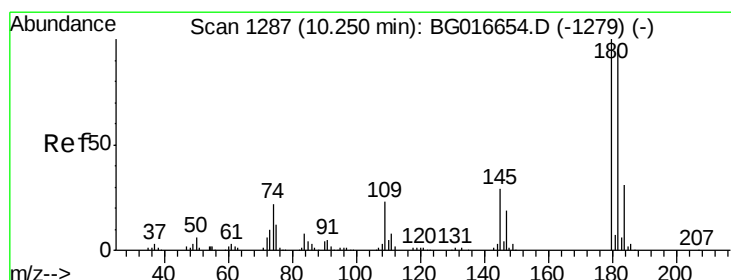
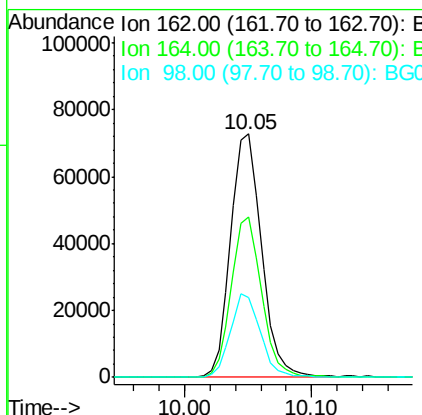
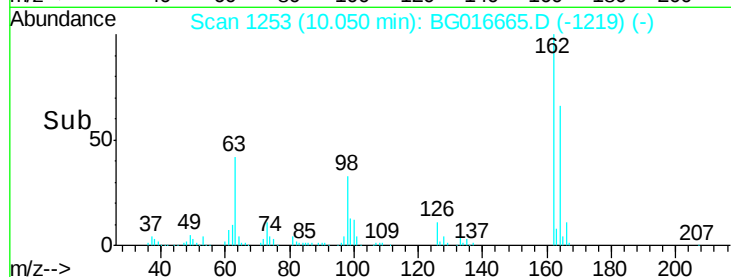
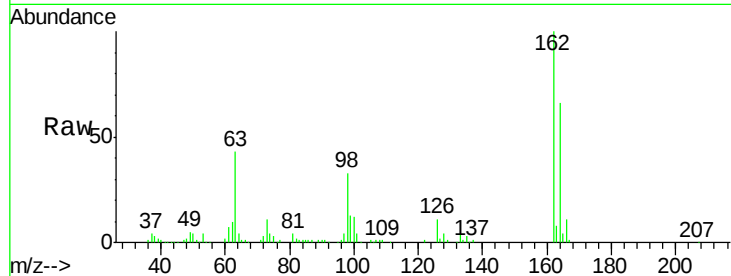
#29
 2,4-Dichlorophenol
 Concen: 39.98 ng
 RT: 10.05 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BG016665.D
 Acq: 23 Apr 2015 22:37

Instrument :
 BNA_G
 ClientSampleId :
 PB82952BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		123214		
164	65.7	42.9	82.9		
98	32.7	15.4	55.4		

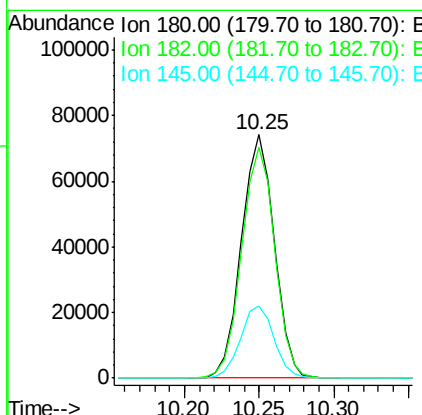
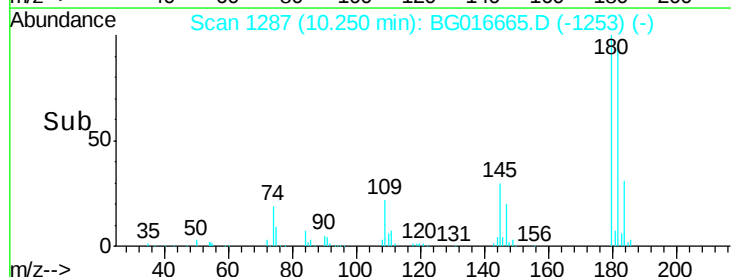
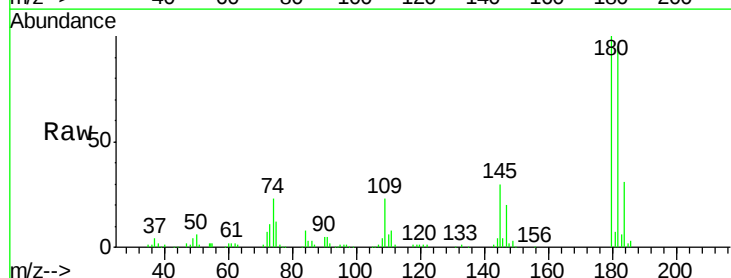
Manual Integrations
 APPROVED

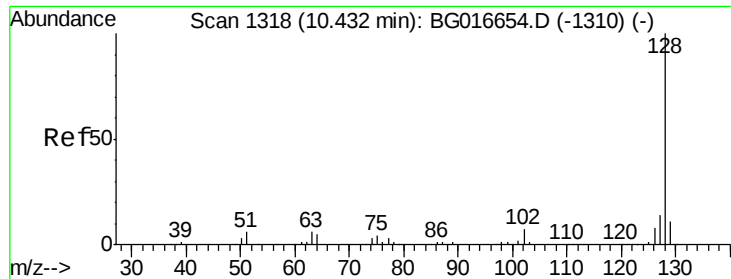
apatel
 4/24/2015 3:29:46 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 34.54 ng
 RT: 10.25 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: BG016665.D
 Acq: 23 Apr 2015 22:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		112811		
182	94.6	76.2	114.4		
145	29.7	23.2	34.8		





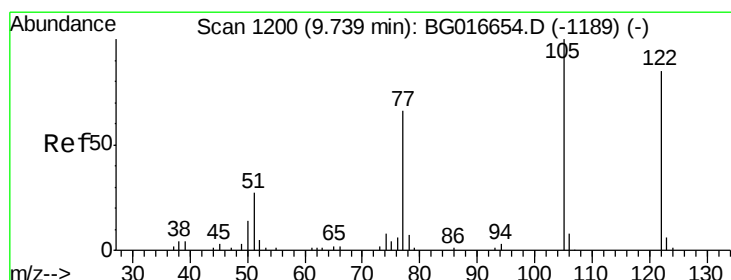
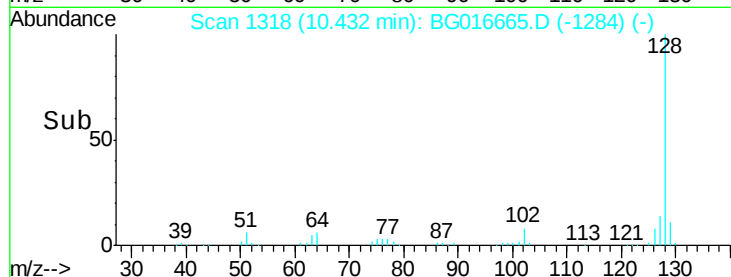
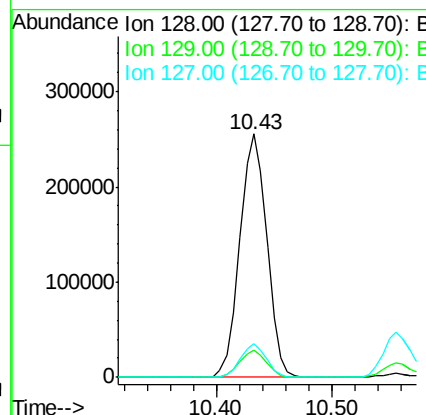
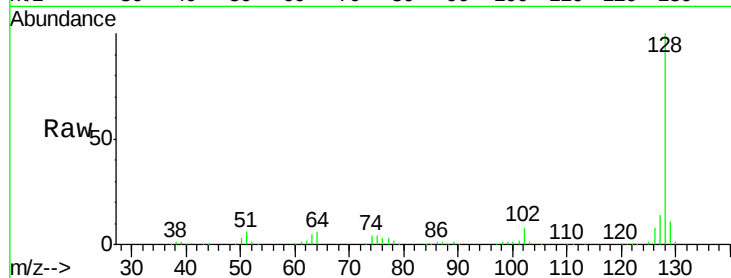
#31
Naphthalene
Concen: 34.77 ng
RT: 10.43 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

Instrument :
BNA_G
ClientSampleId :
PB82952BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.6	11.1	16.7

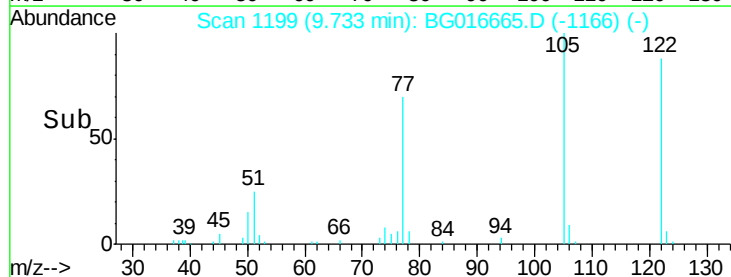
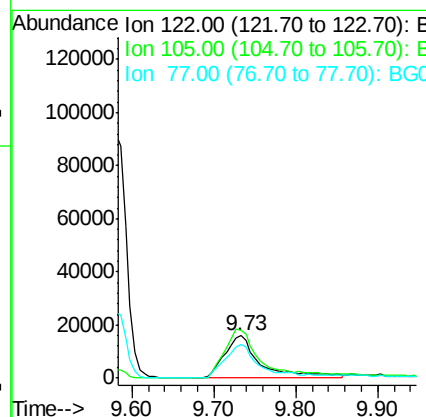
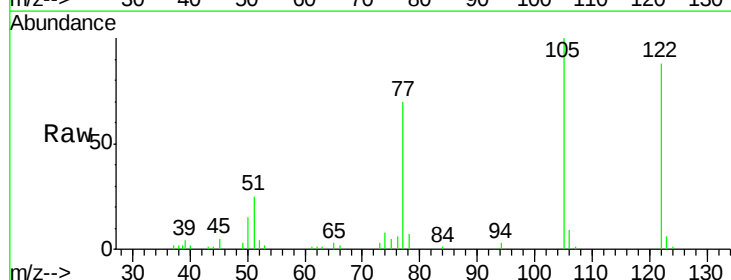
Manual Integrations
APPROVED

apatel
4/24/2015 3:29:46 PM



#32
Benzoic acid
Concen: 29.48 ng
RT: 9.73 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

Tgt Ion	Ratio	Lower	Upper
122	100		
105	114.3	97.2	137.2
77	80.3	58.4	98.4





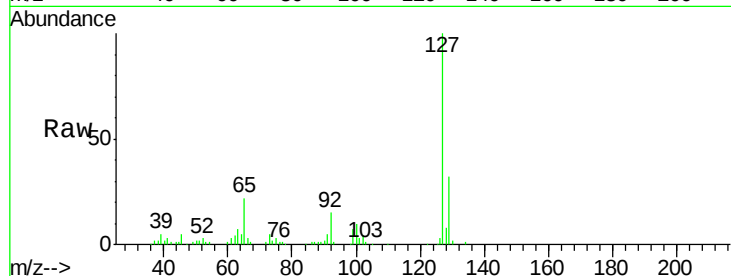
#33
4-Chloroaniline
Concen: 15.34 ng
RT: 10.56 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

Instrument :
BNA_G
ClientSampleId :
PB82952BS

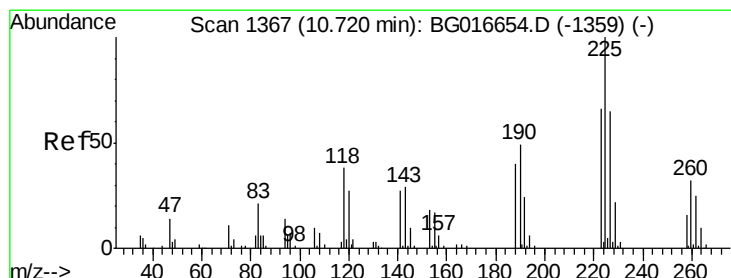
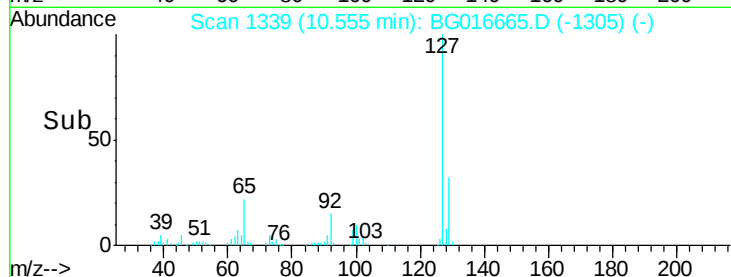
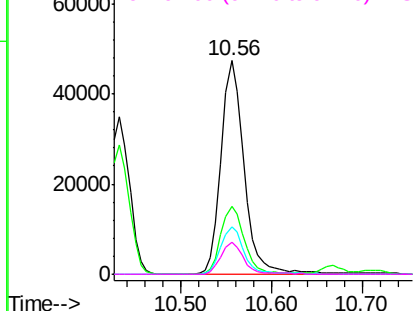
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.7	27.4	41.2		
65	22.1	19.1	28.7		
92	15.3	12.6	18.8		

Manual Integrations
APPROVED

apatel
4/24/2015 3:29:46 PM

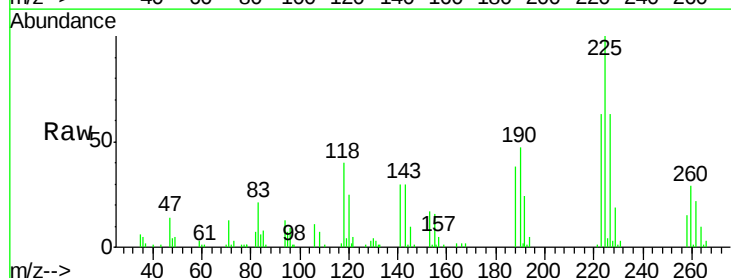


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

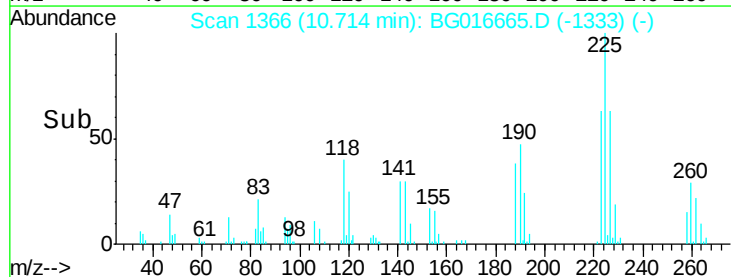
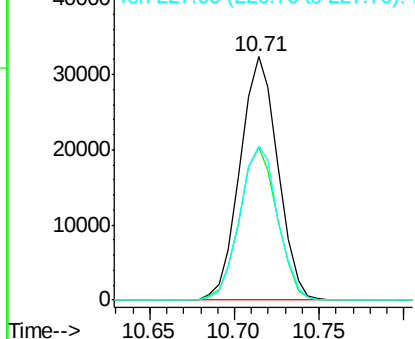


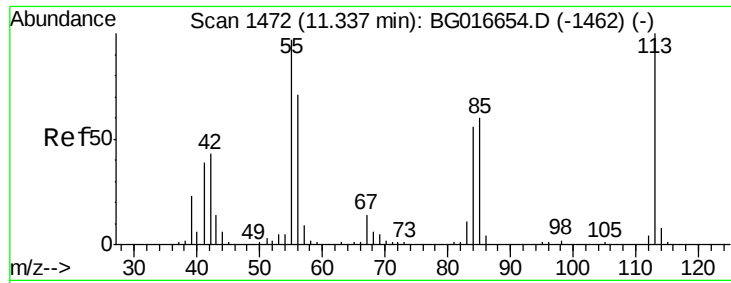
#34
Hexachlorobutadiene
Concen: 34.49 ng
RT: 10.71 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.6	52.6	79.0		
227	63.3	52.0	78.0		



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





#35

Caprolactam

Concen: 38.74 ng/mL

RT: 11.32 min Scan# 1469

Delta R.T. -0.02 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

Instrument :

BNA_G

ClientSampleID :

PB82952BS

Tot Ion:113 Resp: 64372

Ion Ratio Lower Upper

113 100

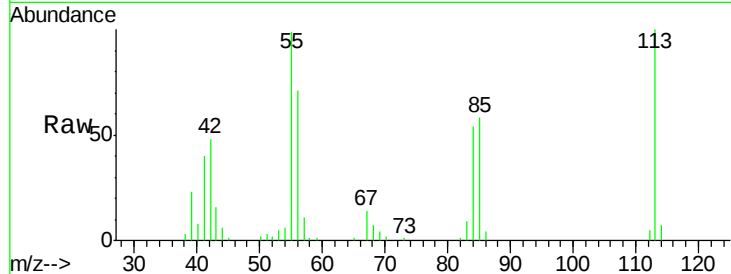
55 99.4 77.1 117.1

56 71.2 51.4 91.4

Manual Integrations
APPROVED

apatel

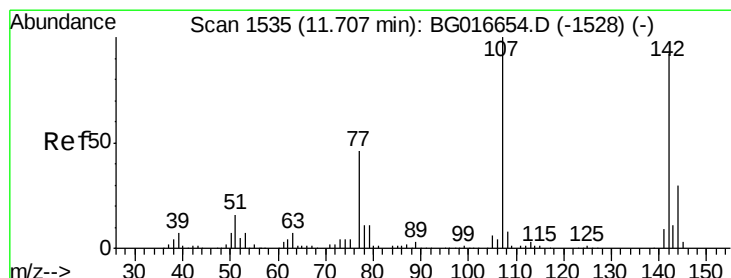
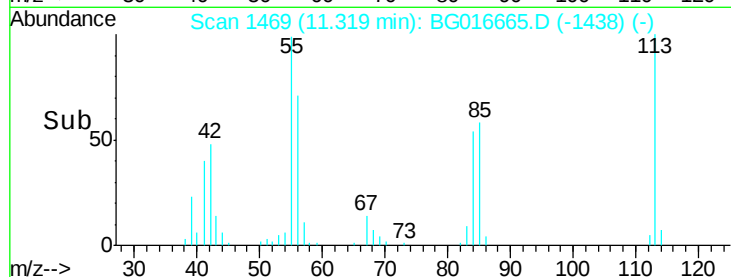
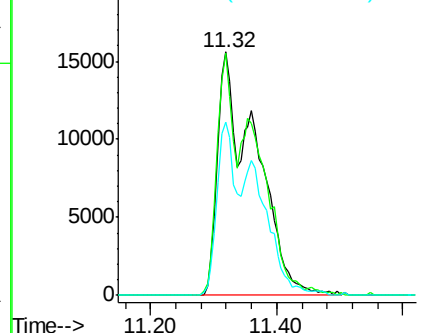
4/24/2015 3:29:46 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 38.83 ng/mL

RT: 11.71 min Scan# 1535

Delta R.T. 0.00 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

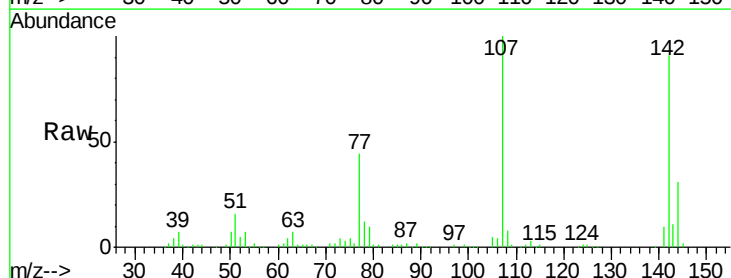
Tgt Ion:107 Resp: 139163

Ion Ratio Lower Upper

107 100

144 30.6 24.2 36.4

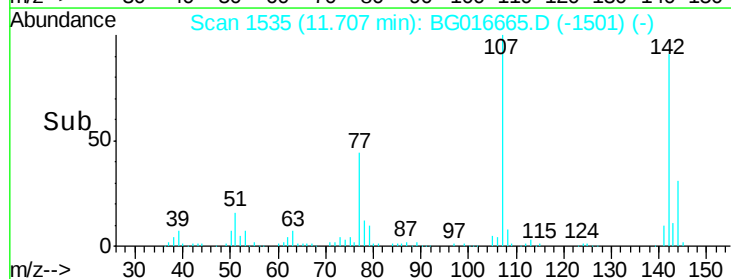
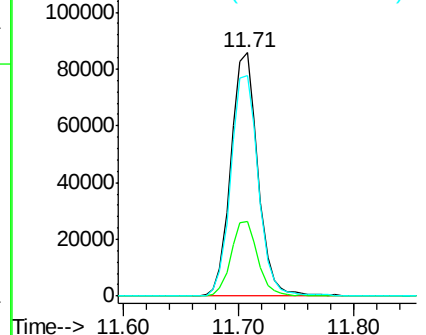
142 90.8 73.8 110.6

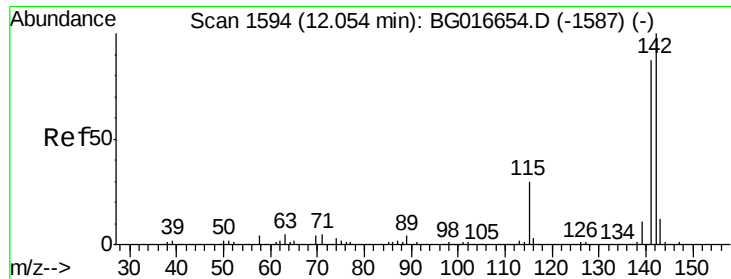


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





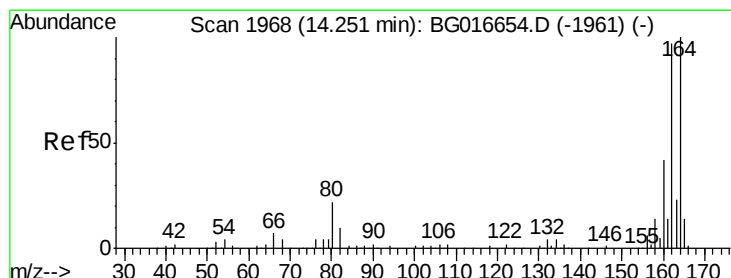
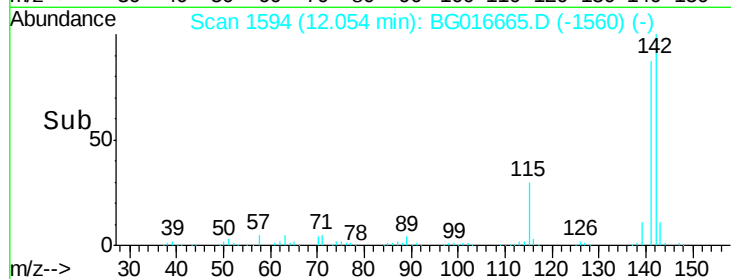
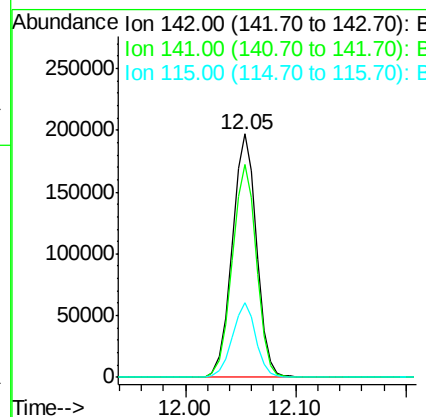
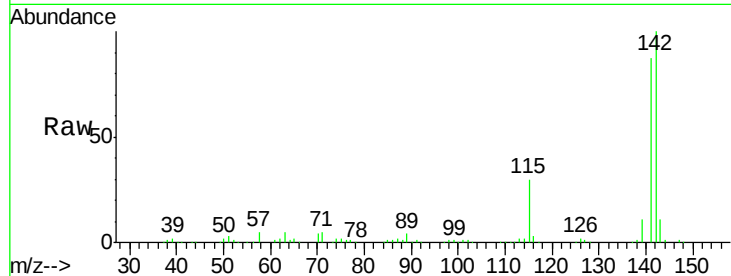
#37
2-Methylnaphthalene
Concen: 35.55 ng
RT: 12.05 min Scan# 1594
Delta R.T. 0.00 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

Instrument :
BNA_G
ClientSampled :
PB82952BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.3	69.9	104.9
115	30.5	24.0	36.0

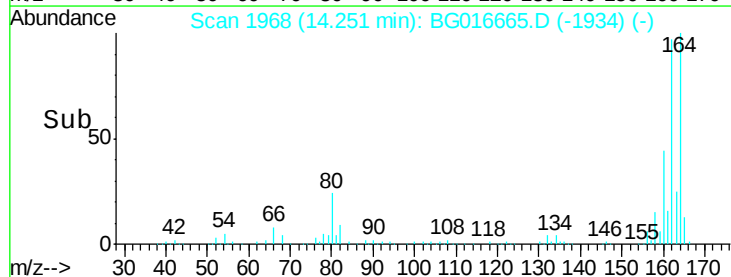
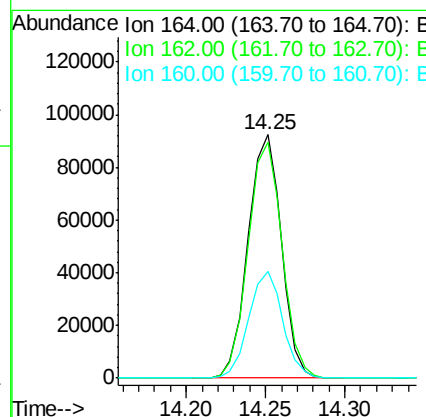
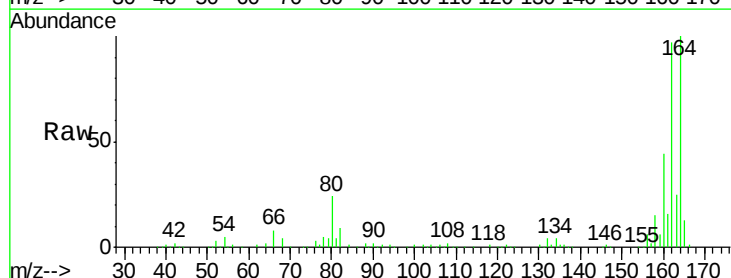
Manual Integrations
APPROVED

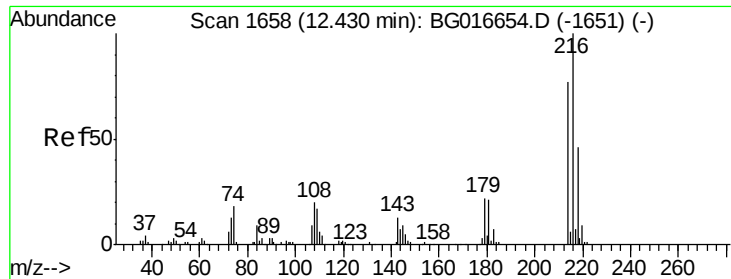
apatel
4/24/2015 3:29:46 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.25 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.2	77.3	115.9
160	43.9	33.7	50.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.50 ng

RT: 12.43 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

Instrument :

BNA_G

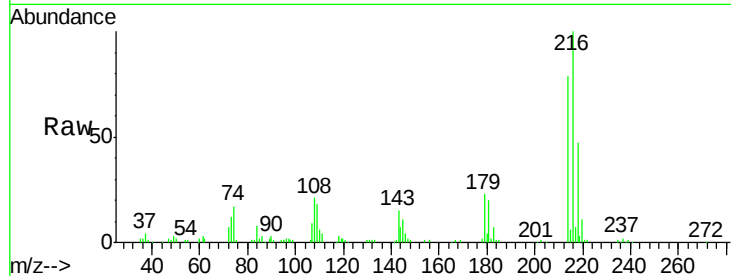
ClientSampleId :

PB82952BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		110509		
214	78.0		63.8	95.8	
179	22.4		17.6	26.4	
108	23.9		18.1	27.1	

Manual Integrations
APPROVED

apatel
4/24/2015 3:29:46 PM

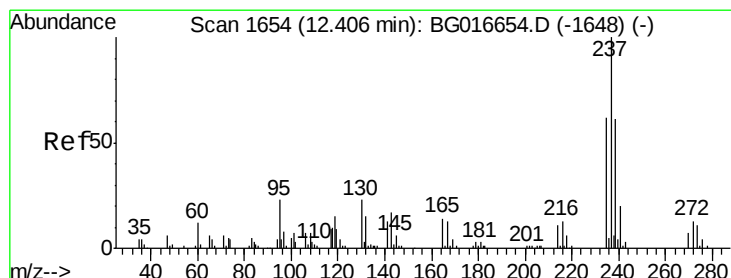
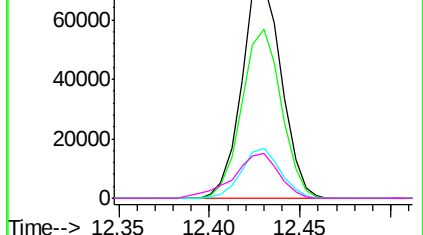
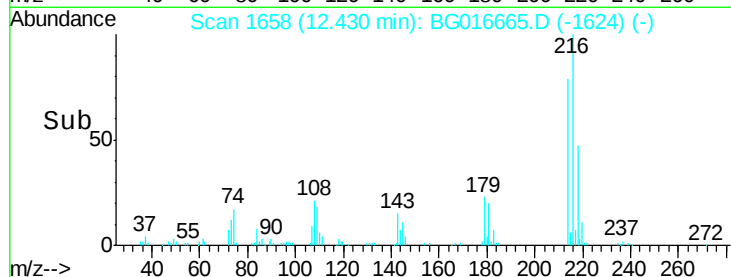


Abundance Ion 216.00 (215.70 to 216.70): E

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: 70.46 ng

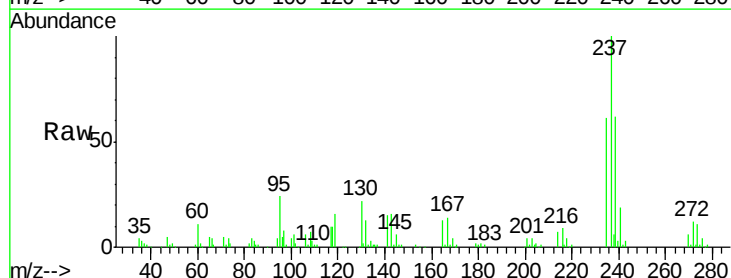
RT: 12.41 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

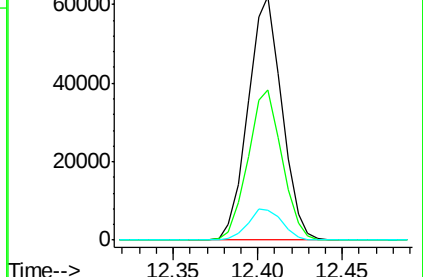
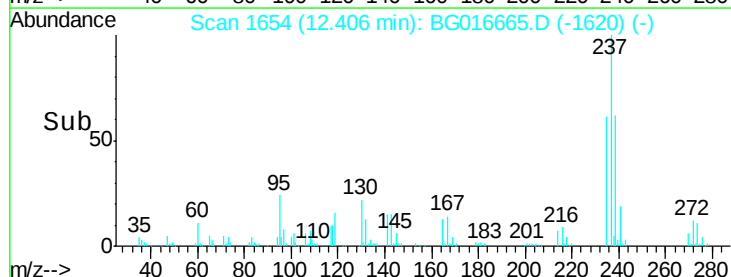
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		86308		
235	61.4		42.2	82.2	
272	12.1		0.0	32.8	

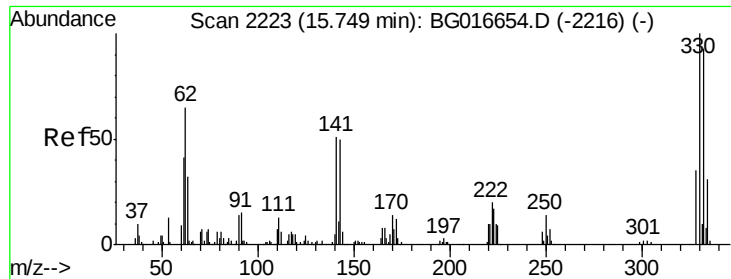


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





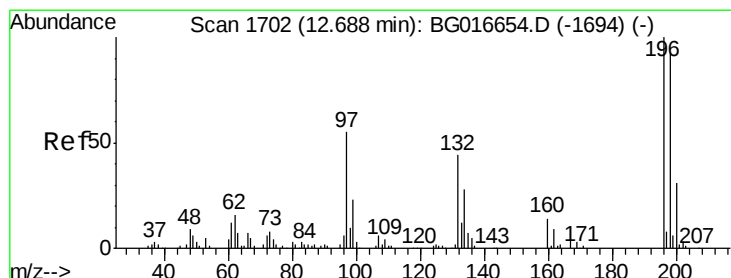
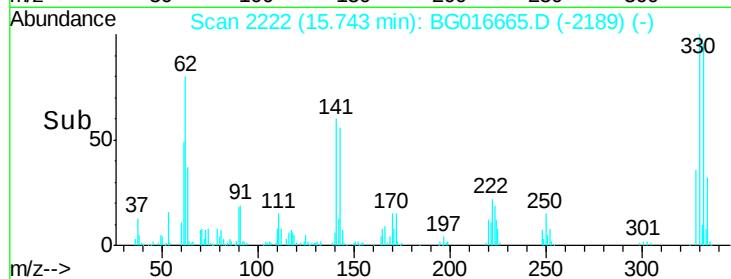
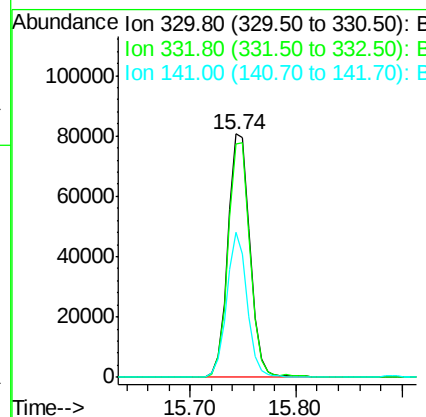
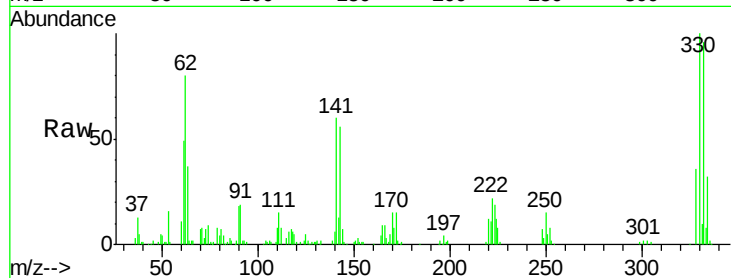
#41
 2,4,6-Tribromophenol
 Concen: 116.82 ng
 RT: 15.74 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BG016665.D
 Acq: 23 Apr 2015 22:37

Instrument :
 BNA_G
 ClientSampleId :
 PB82952BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	116531		
332	96.1	76.2	114.4	
141	55.5	43.0	64.6	

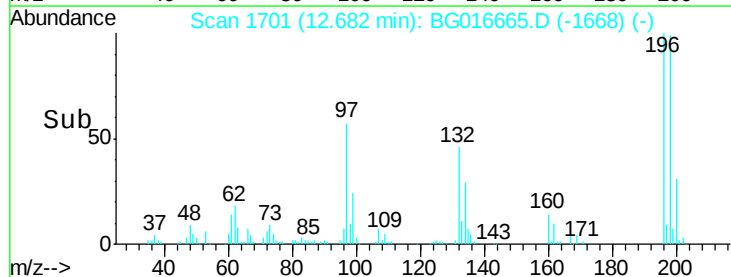
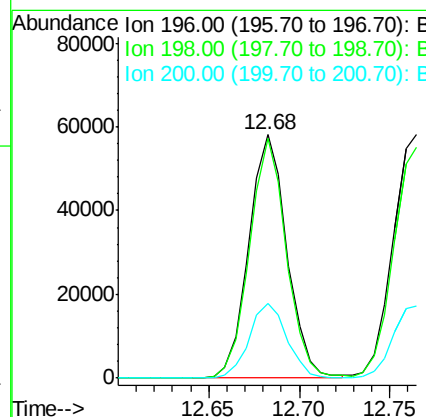
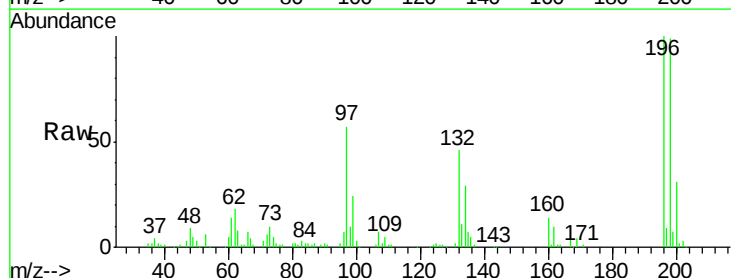
Manual Integrations
 APPROVED

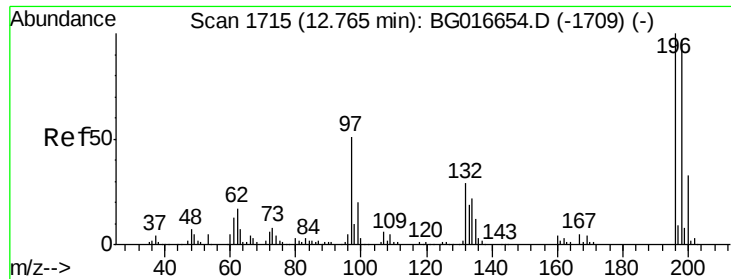
apatel
 4/24/2015 3:29:46 PM



#42
 2,4,6-Trichlorophenol
 Concen: 36.12 ng
 RT: 12.68 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BG016665.D
 Acq: 23 Apr 2015 22:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	84560		
198	98.6	74.6	111.8	
200	30.7	24.6	37.0	





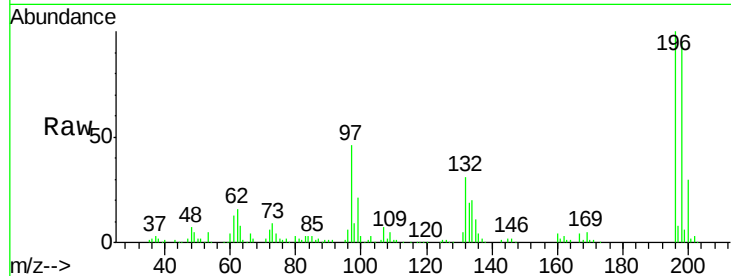
#43
 2,4,5-Trichlorophenol
 Concen: 38.08 ng
 RT: 12.76 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG016665.D
 Acq: 23 Apr 2015 22:37

Instrument :
 BNA_G
 ClientSampleId :
 PB82952BS

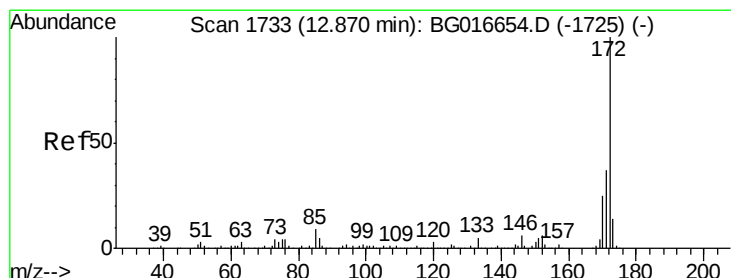
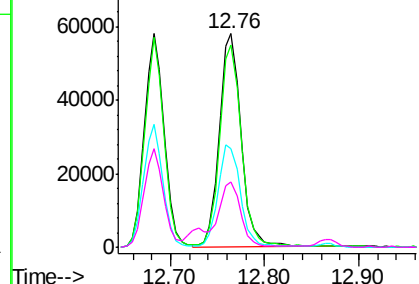
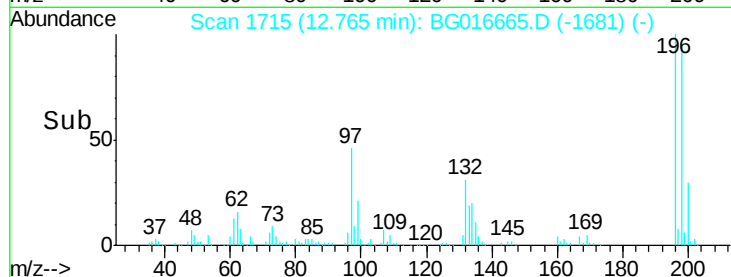
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		94326		
198	94.9	77.4	116.0		
97	46.3	40.9	61.3		
132	30.7	23.2	34.8		

Manual Integrations
 APPROVED

apatel
 4/24/2015 3:29:46 PM

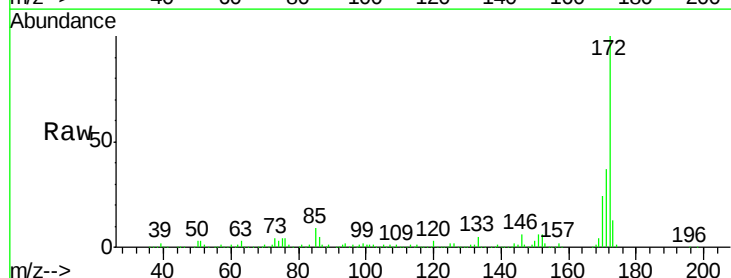


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

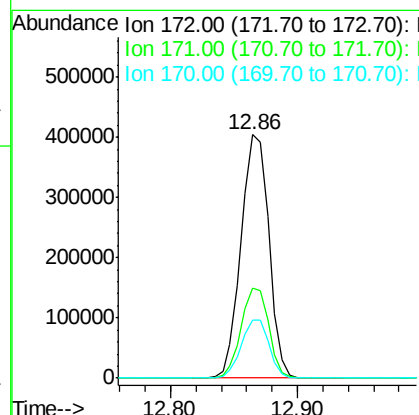
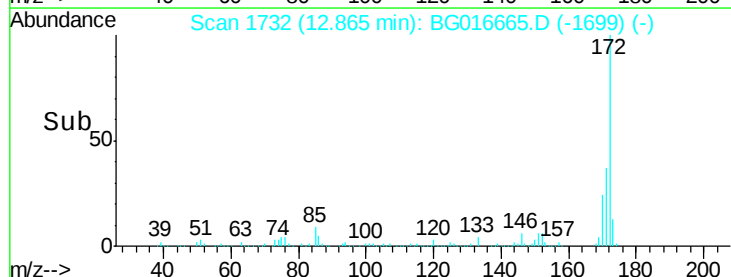


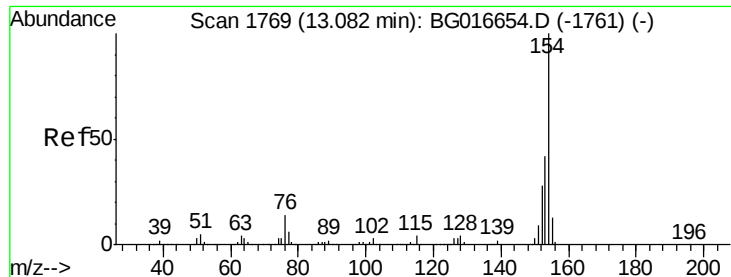
#44
 2-Fluorobiphenyl
 Concen: 73.29 ng
 RT: 12.86 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BG016665.D
 Acq: 23 Apr 2015 22:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		613359		
171	36.8	29.9	44.9		
170	23.8	19.8	29.8		



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





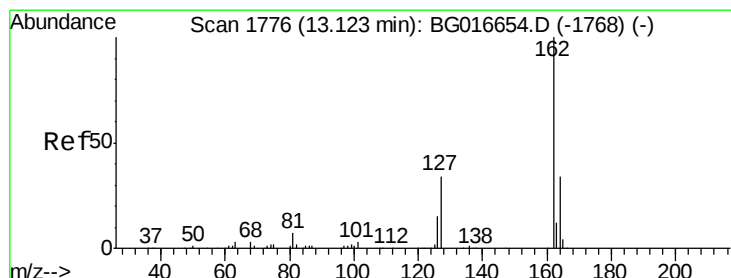
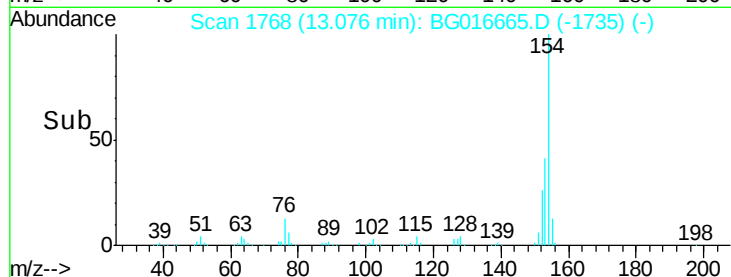
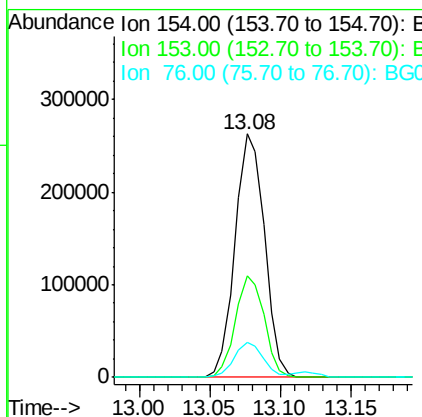
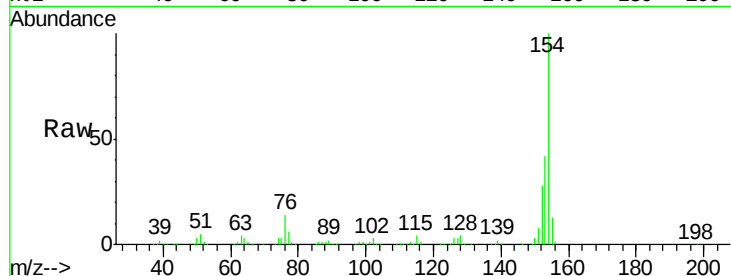
#45
 1,1'-Biphenyl
 Concen: 36.18 ng
 RT: 13.08 min Scan# 1768
 Delta R.T. -0.01 min
 Lab File: BG016665.D
 Acq: 23 Apr 2015 22:37

Instrument :
 BNA_G
 ClientSampleId :
 PB82952BS

Tot Ion:	154	Resp:	382079
Ion Ratio	Lower	Upper	
154	100		
153	41.8	21.8	61.8
76	14.5	0.0	33.7

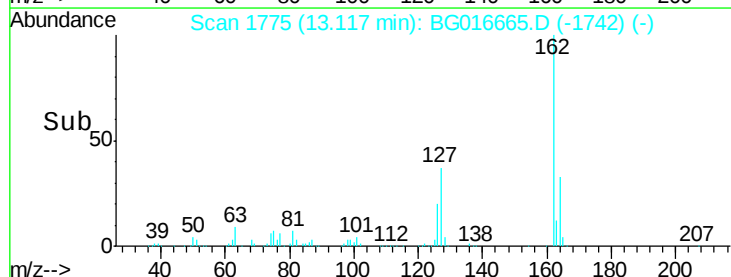
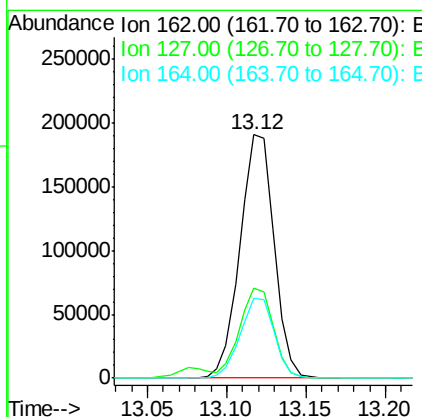
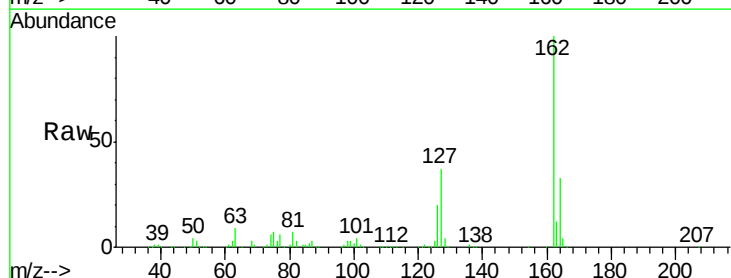
Manual Integrations
 APPROVED

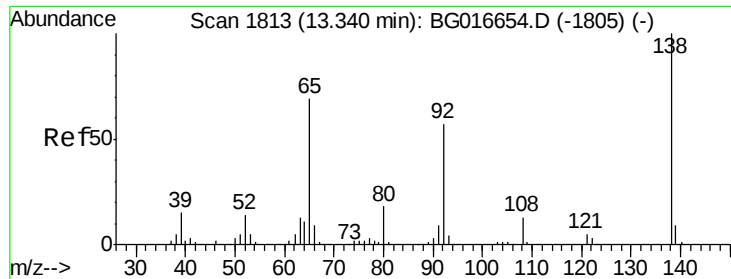
apatel
 4/24/2015 3:29:46 PM



#46
 2-Chloronaphthalene
 Concen: 35.10 ng
 RT: 13.12 min Scan# 1775
 Delta R.T. -0.01 min
 Lab File: BG016665.D
 Acq: 23 Apr 2015 22:37

Tgt Ion:	162	Resp:	284920
Ion Ratio	Lower	Upper	
162	100		
127	37.2	30.4	45.6
164	32.7	26.9	40.3





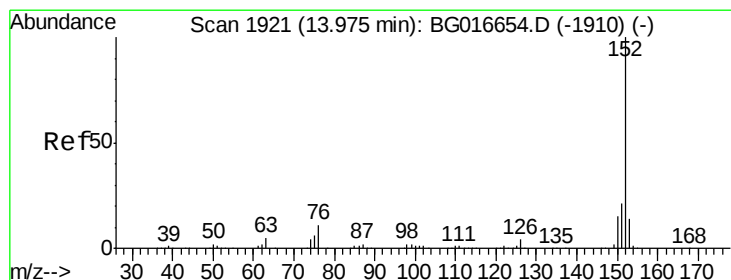
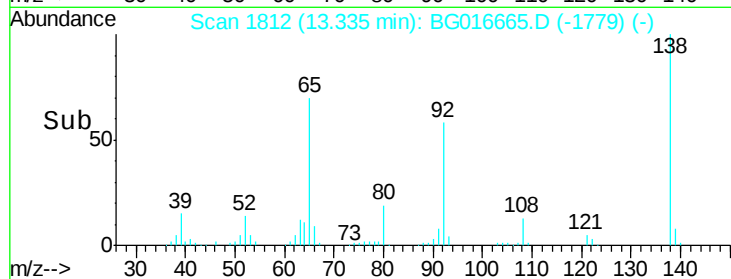
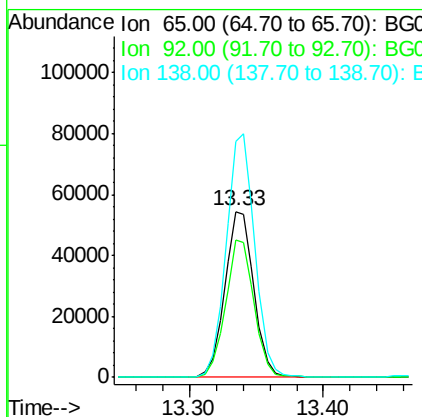
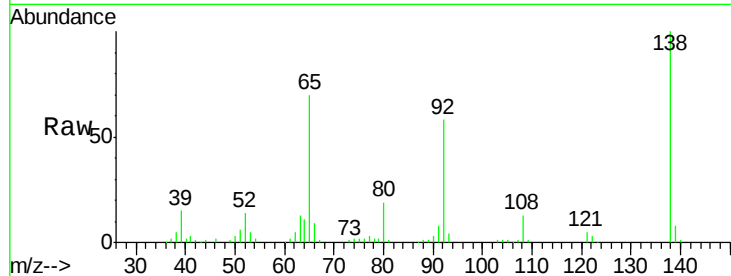
#47
 2-Nitroaniline
 Concen: 37.25 ng
 RT: 13.33 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BG016665.D
 Acq: 23 Apr 2015 22:37

Instrument :
 BNA_G
 ClientSampleId :
 PB82952BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	82.6	65.9	98.9
138	142.2	115.4	173.2

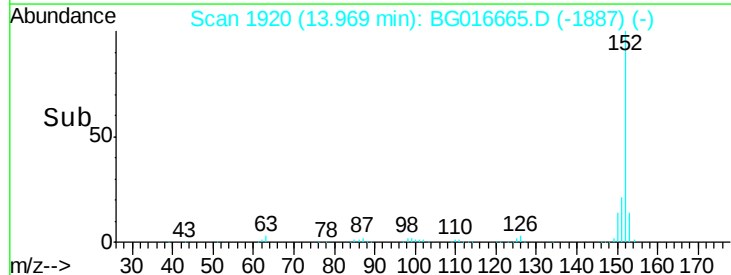
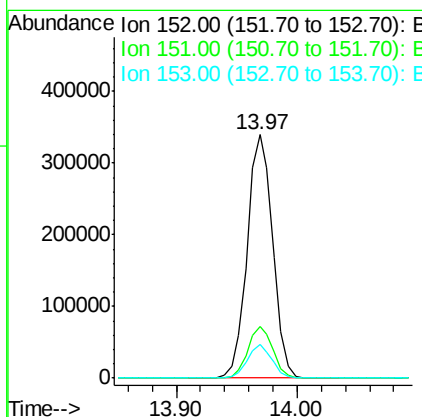
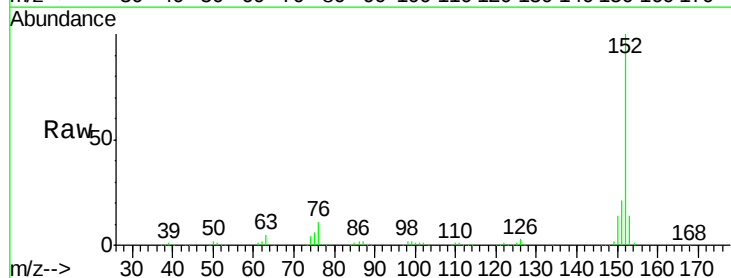
Manual Integrations
 APPROVED

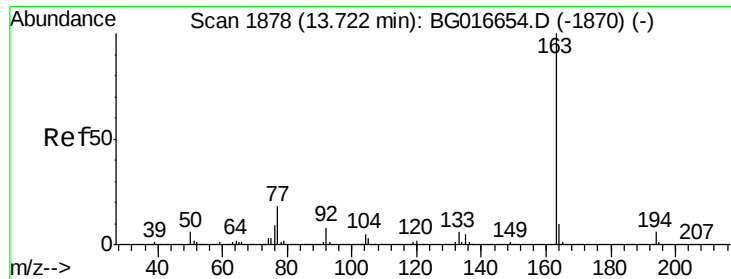
apatel
 4/24/2015 3:29:46 PM



#48
 Acenaphthylene
 Concen: 35.14 ng
 RT: 13.97 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BG016665.D
 Acq: 23 Apr 2015 22:37

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.7	25.1
153	13.7	11.0	16.6





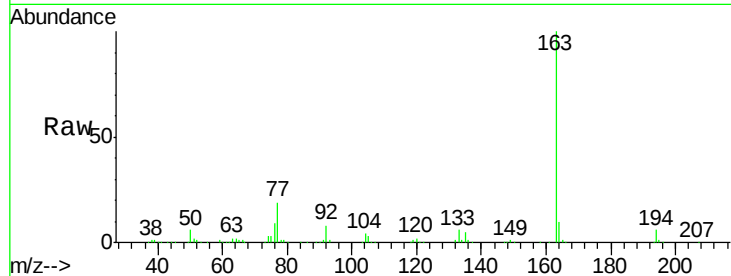
#49
Dimethylphthalate
Concen: 36.66 ng
RT: 13.72 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

Instrument :
BNA_G
ClientSampleId :
PB82952BS

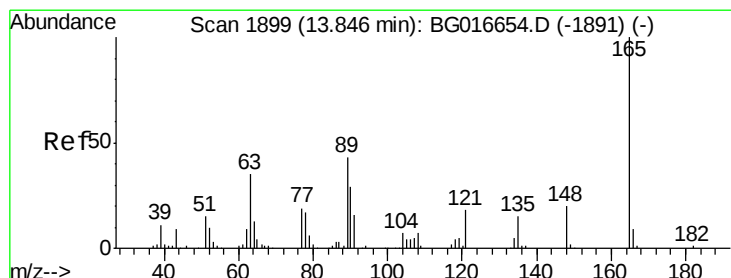
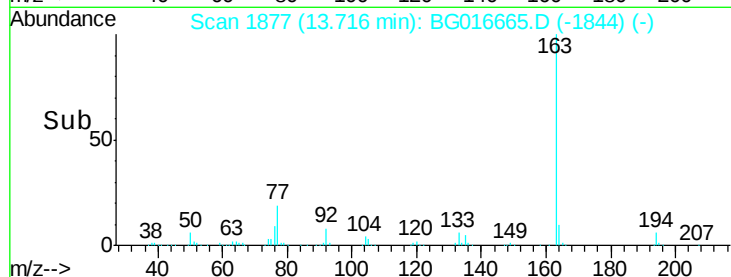
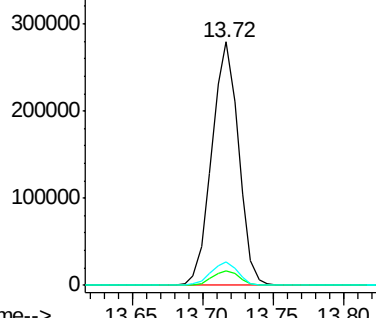
Tot Ion	Ratio	Resp	Lower	Upper
163	100	368809		
194	5.8		5.0	7.4
164	9.9		7.8	11.8

Manual Integrations
APPROVED

apatel
4/24/2015 3:29:46 PM

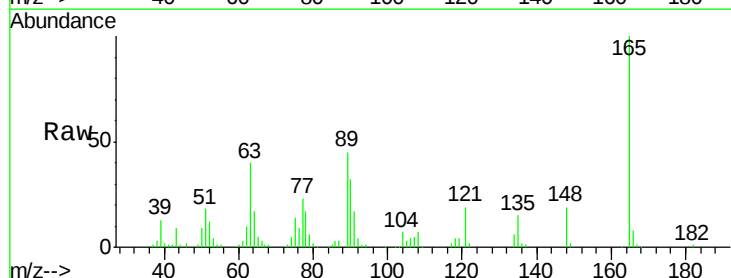


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

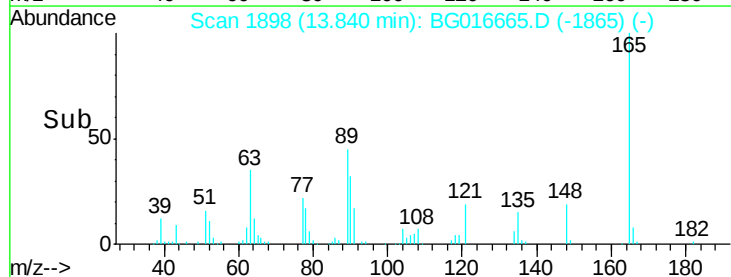
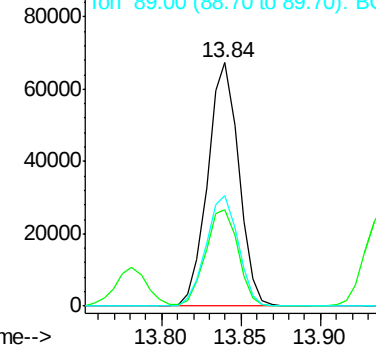


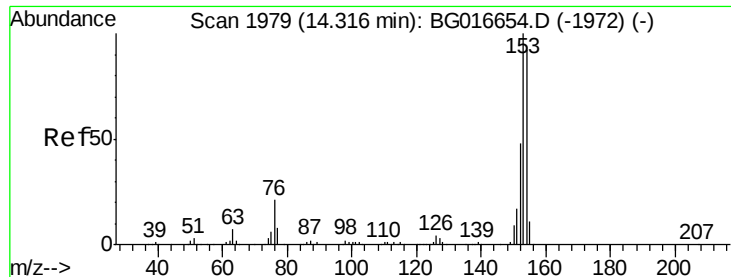
#50
2,6-Dinitrotoluene
Concen: 36.99 ng
RT: 13.84 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	91300		
63	39.6		31.5	47.3
89	45.3		34.7	52.1



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG016665.D (-1865) (-)
Ion 89.00 (88.70 to 89.70): BG016665.D (-1865) (-)





#51

Acenaphthene

Concen: 35.59 ng

RT: 14.32 min Scan# 1979

Delta R.T. 0.00 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

Instrument :

BNA_G

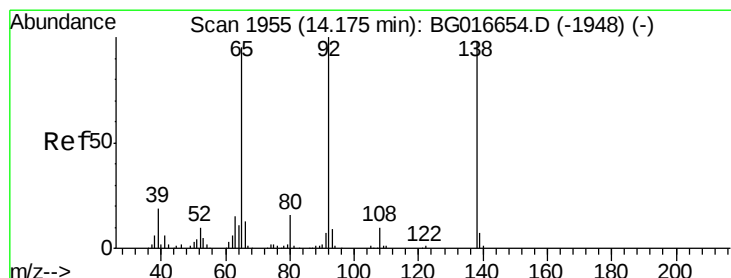
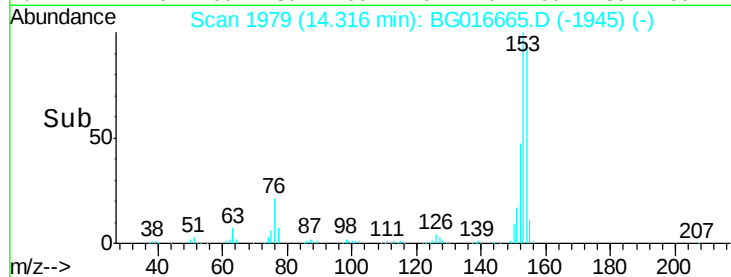
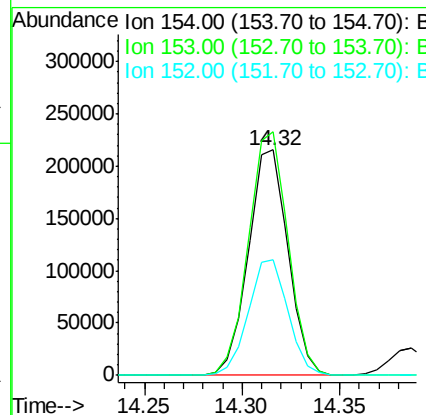
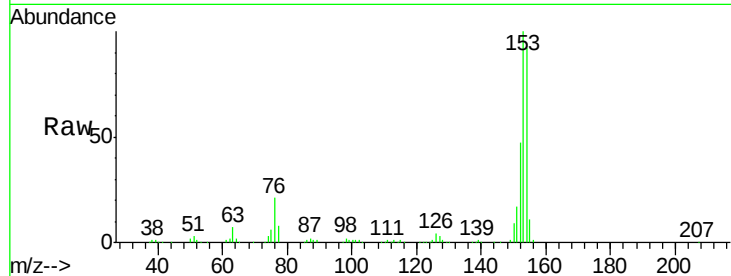
ClientSampleId :

PB82952BS

Tot Ion:	154	Resp:	303679
Ion Ratio	Lower	Upper	
154	100		
153	108.2	87.0	130.6
152	51.2	41.6	62.4

Manual Integrations
APPROVED

apatel
4/24/2015 3:29:46 PM



#52

3-Nitroaniline

Concen: 21.75 ng

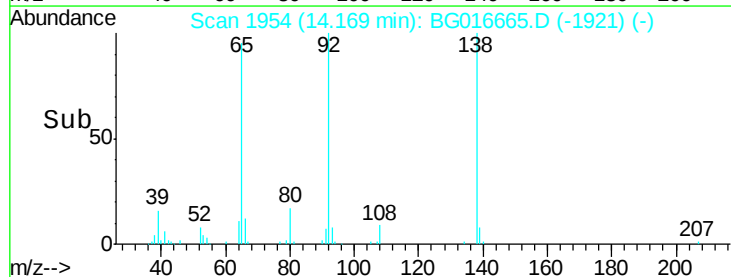
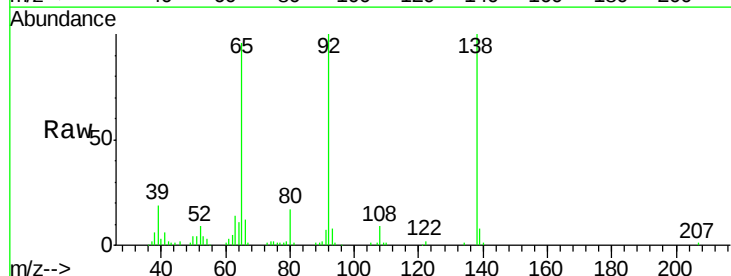
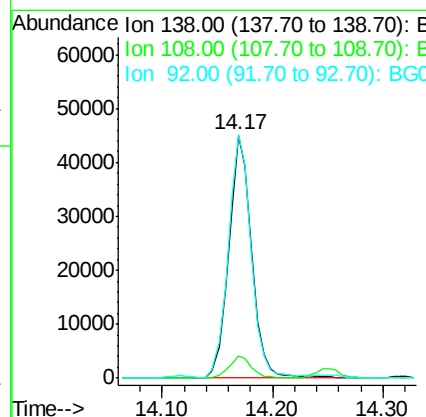
RT: 14.17 min Scan# 1954

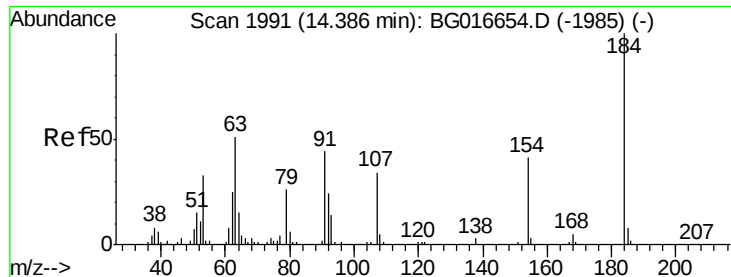
Delta R.T. -0.01 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

Tgt Ion:	138	Resp:	64891
Ion Ratio	Lower	Upper	
138	100		
108	9.2	7.8	11.6
92	100.5	81.9	122.9





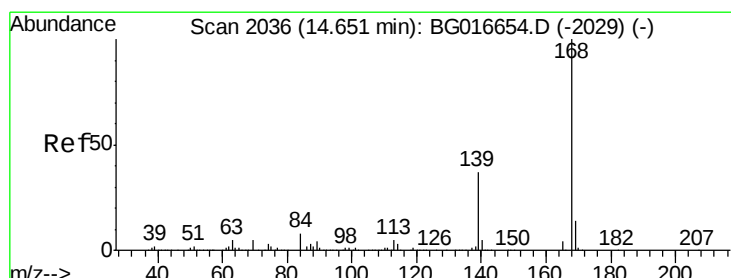
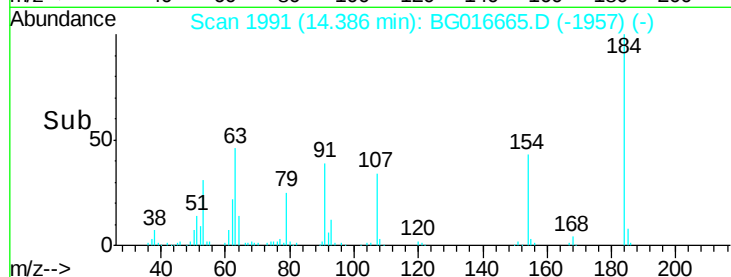
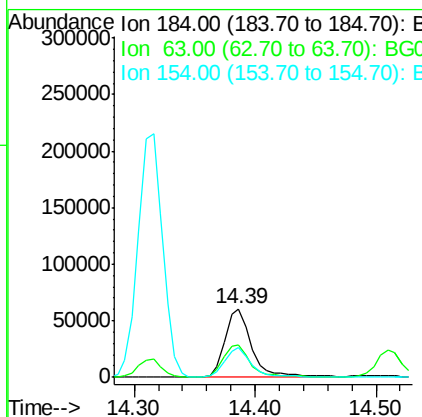
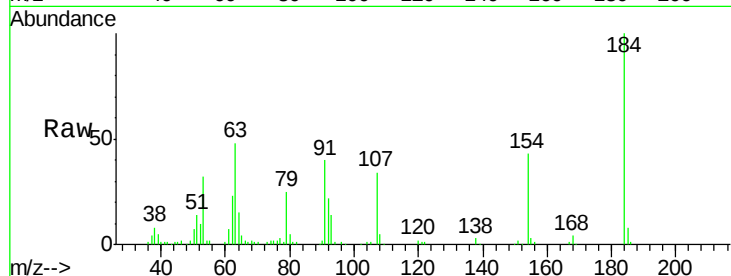
#53
2,4-Dinitrophenol
Concen: 70.89 ng
RT: 14.39 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

Instrument :
BNA_G
ClientSampleId :
PB82952BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	47.6	40.7	61.1	
154	43.4	34.1	51.1	

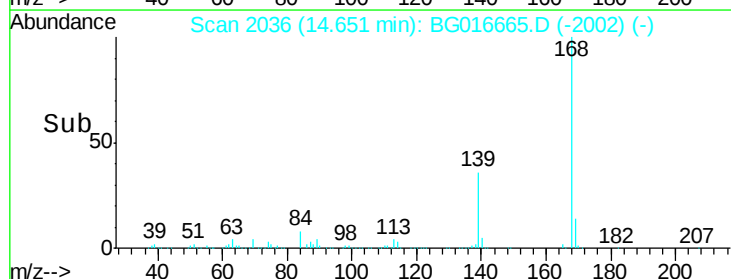
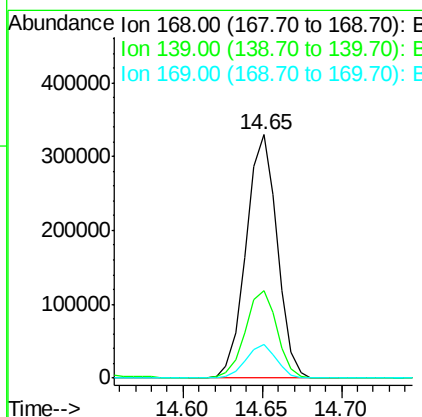
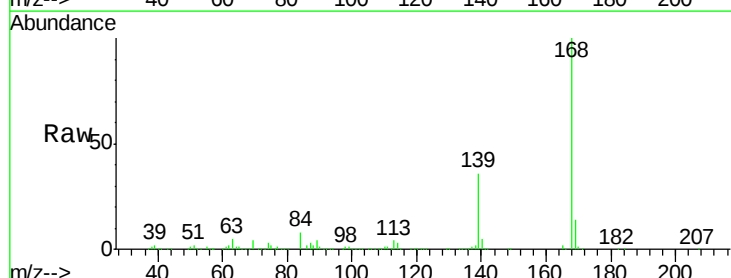
Manual Integrations
APPROVED

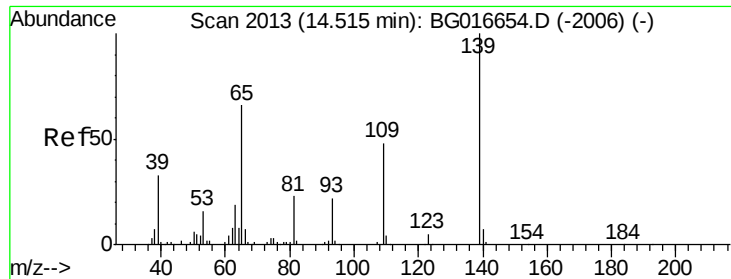
apatel
4/24/2015 3:29:46 PM



#54
Dibenzofuran
Concen: 37.23 ng
RT: 14.65 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	36.1	29.8	44.8	
169	13.8	11.0	16.4	





#55

4-Nitrophenol

Concen: 81.08 ng

RT: 14.51 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

Instrument :

BNA_G

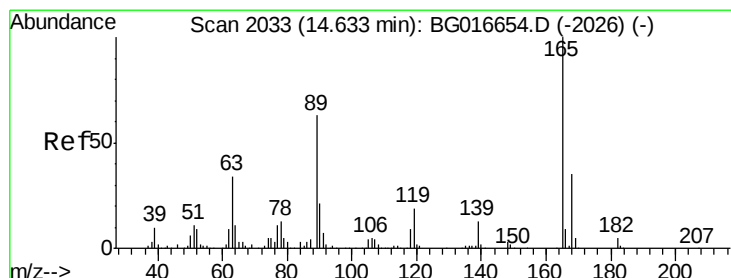
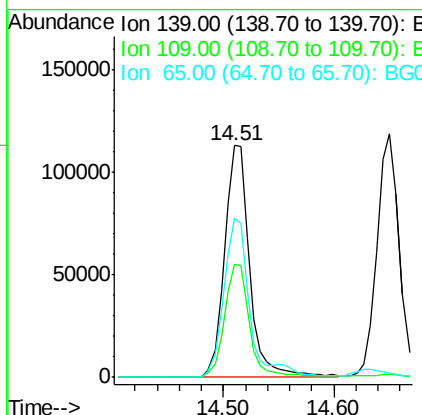
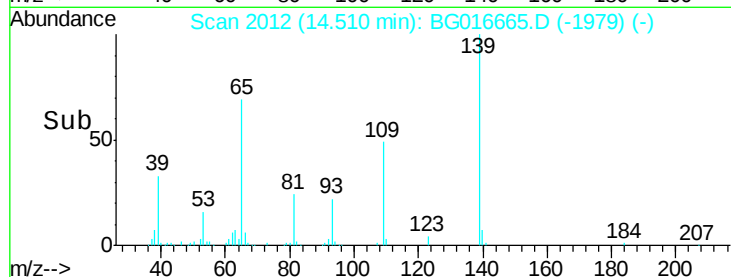
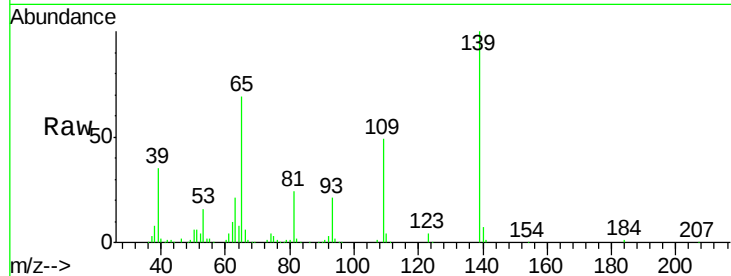
ClientSampleId :

PB82952BS

Tot Ion:	139	Resp:	181247
Ion Ratio	Lower	Upper	
139	100		
109	49.0	27.8	67.8
65	68.7	46.3	86.3

Manual Integrations
APPROVED

apatel
4/24/2015 3:29:46 PM



#56

2,4-Dinitrotoluene

Concen: 38.59 ng

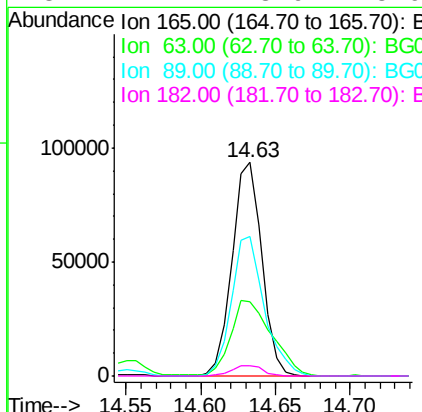
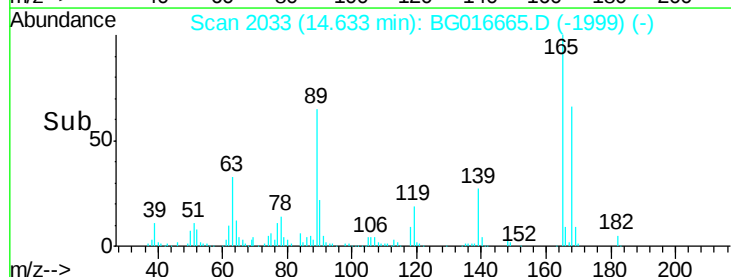
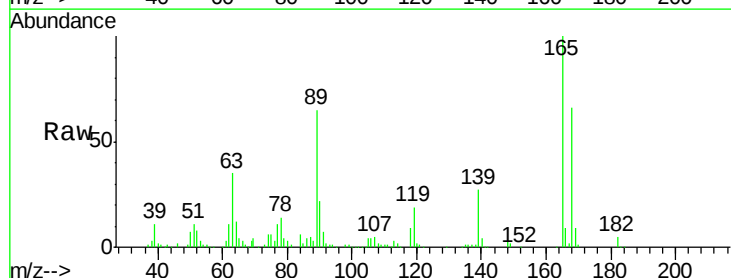
RT: 14.63 min Scan# 2033

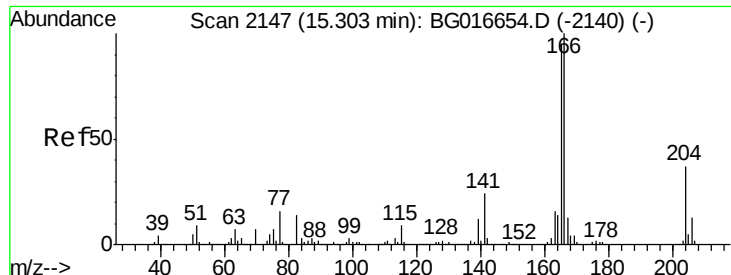
Delta R.T. 0.00 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

Tgt Ion:	165	Resp:	130480
Ion Ratio	Lower	Upper	
165	100		
63	34.6	27.4	41.0
89	65.4	50.6	75.8
182	4.7	3.9	5.9





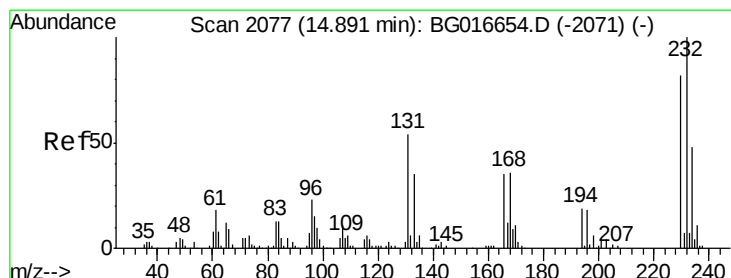
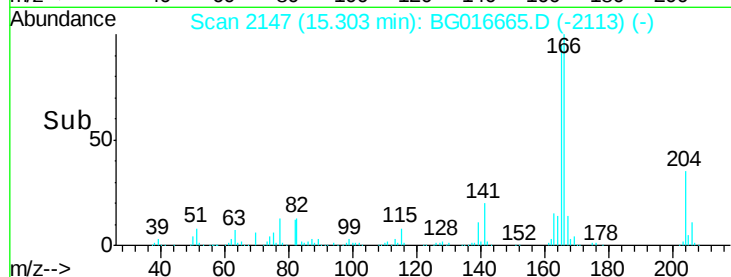
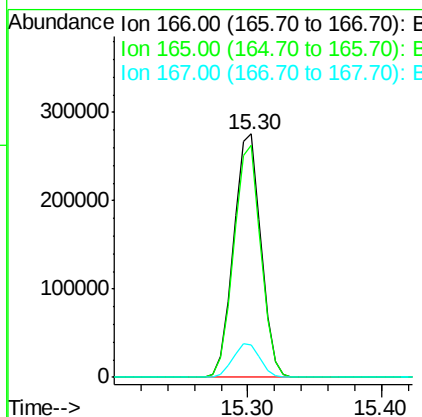
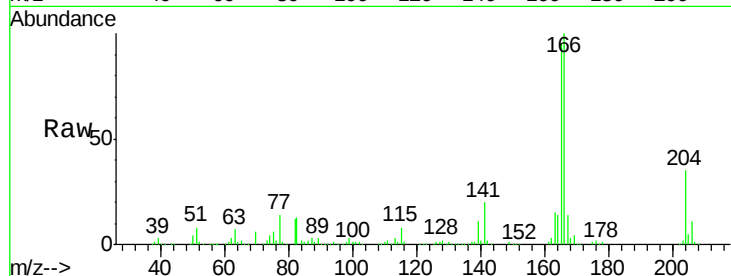
#57
Fluorene
 Concen: 37.13 ng
 RT: 15.30 min Scan# 2147
 Delta R.T. 0.00 min
 Lab File: BG016665.D
 Acq: 23 Apr 2015 22:37

Instrument :
 BNA_G
 ClientSampleId :
 PB82952BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	390711		
165	95.4	75.6	113.4	
167	13.5	10.7	16.1	

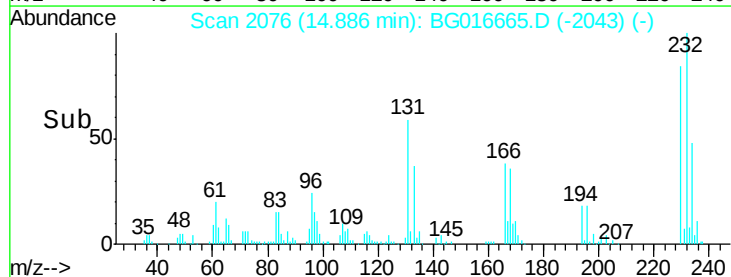
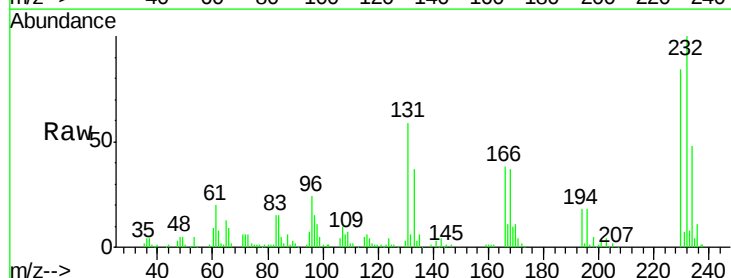
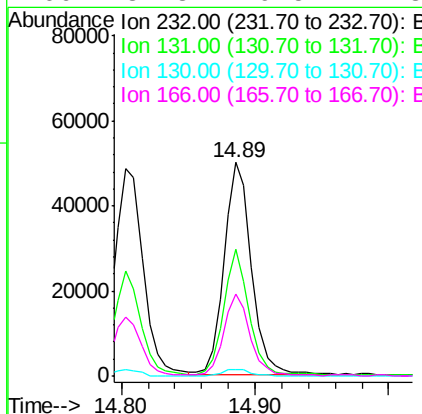
Manual Integrations
 APPROVED

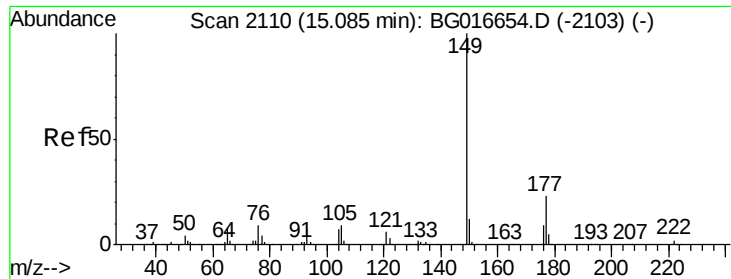
apatel
 4/24/2015 3:29:46 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 38.42 ng
 RT: 14.89 min Scan# 2076
 Delta R.T. -0.01 min
 Lab File: BG016665.D
 Acq: 23 Apr 2015 22:37

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	72011		
131	53.5	43.9	65.9	
130	3.1	2.4	3.6	
166	37.3	29.5	44.3	





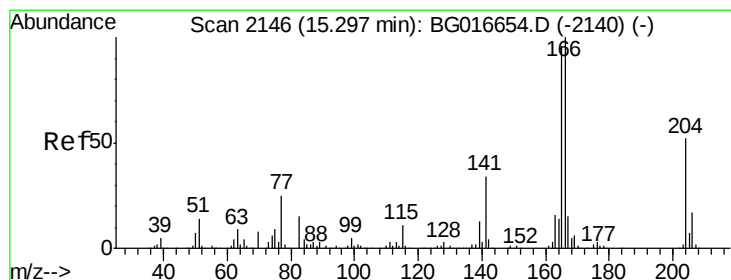
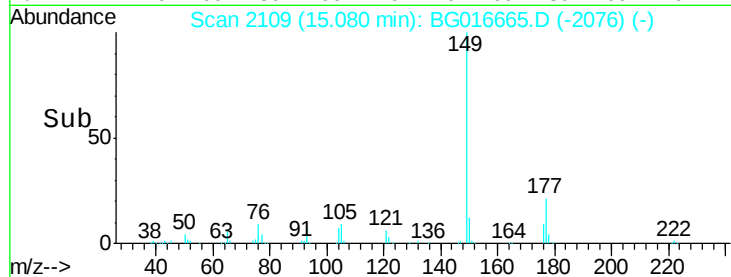
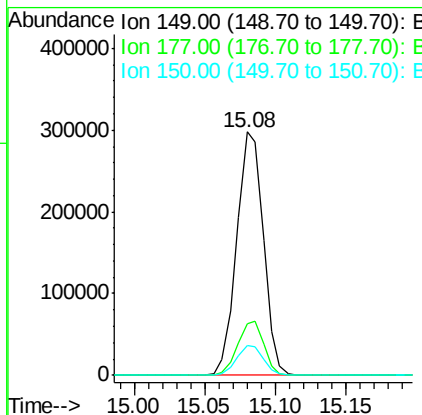
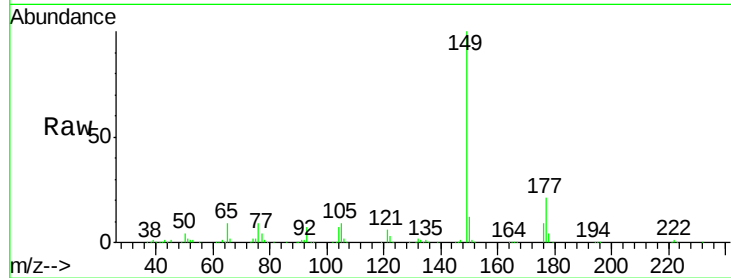
#59
Diethylphthalate
Concen: 37.35 ng
RT: 15.08 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

Instrument :
BNA_G
ClientSampleId :
PB82952BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	391588		
177	21.4	18.2	27.2	
150	12.2	9.8	14.8	

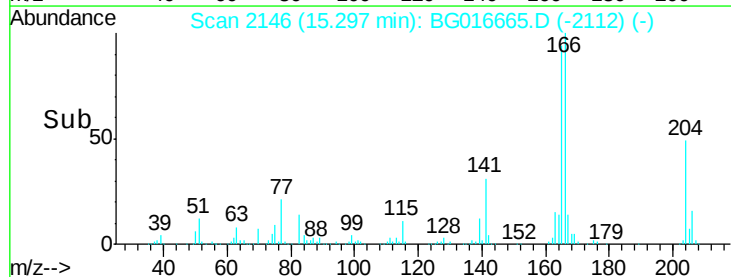
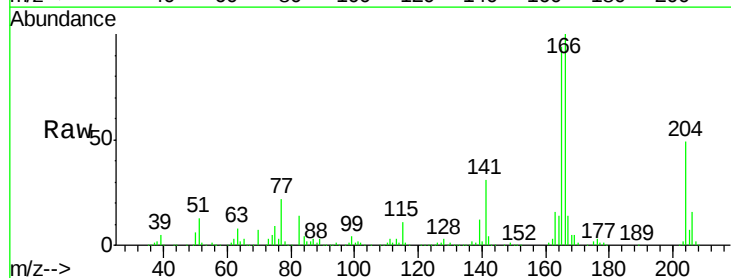
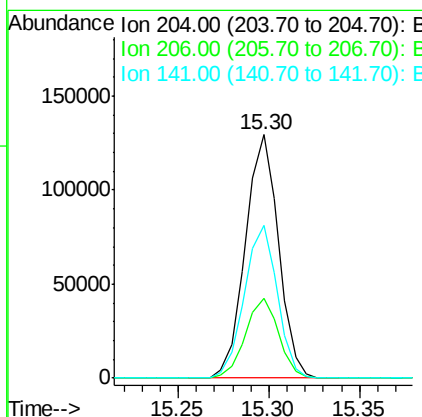
Manual Integrations
APPROVED

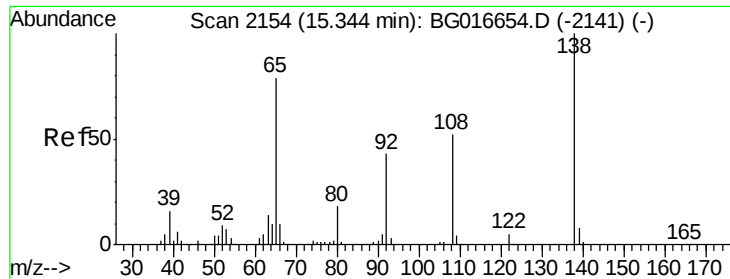
apatel
4/24/2015 3:29:46 PM



#60
4-Chlorophenyl-phenylether
Concen: 37.36 ng
RT: 15.30 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	164172		
206	32.9	26.2	39.4	
141	62.9	52.3	78.5	





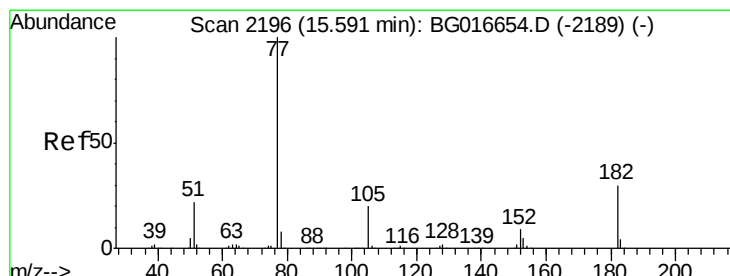
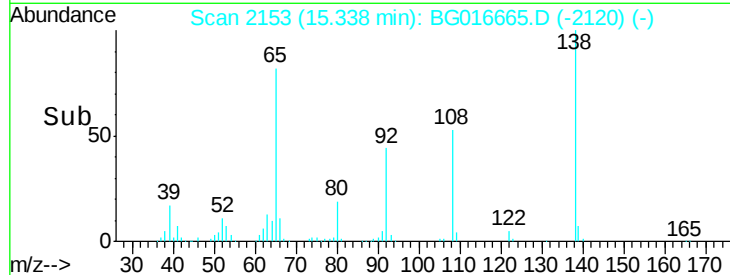
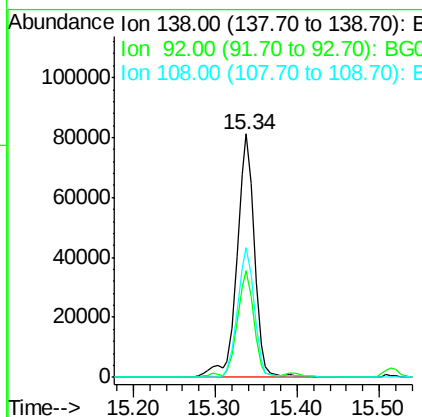
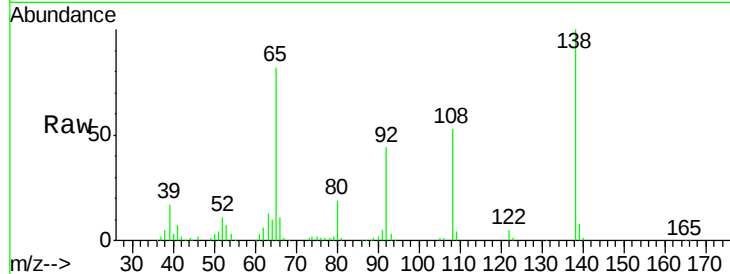
#61
 4-Nitroaniline
 Concen: 36.70 ng
 RT: 15.34 min Scan# 2153
 Delta R.T. -0.01 min
 Lab File: BG016665.D
 Acq: 23 Apr 2015 22:37

Instrument :
 BNA_G
 ClientSampleId :
 PB82952BS

Tot Ion:	138	Resp:	121106
Ion Ratio	Lower	Upper	
138	100		
92	43.6	23.1	63.1
108	53.1	31.7	71.7

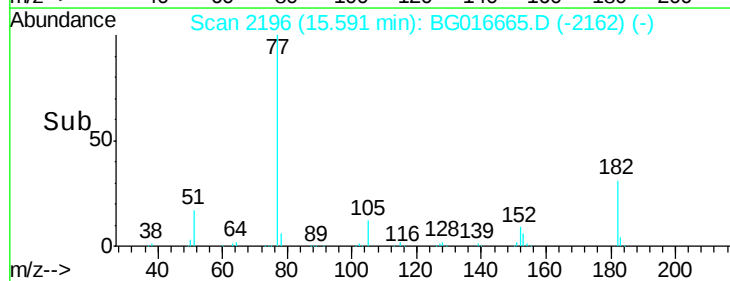
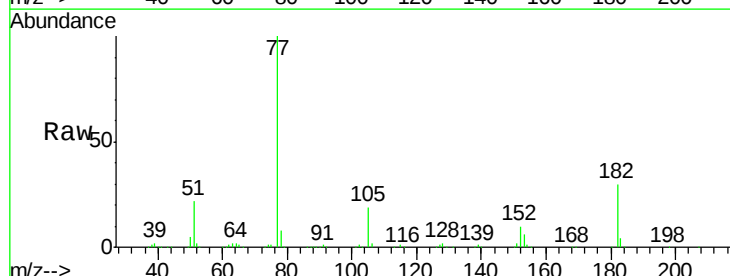
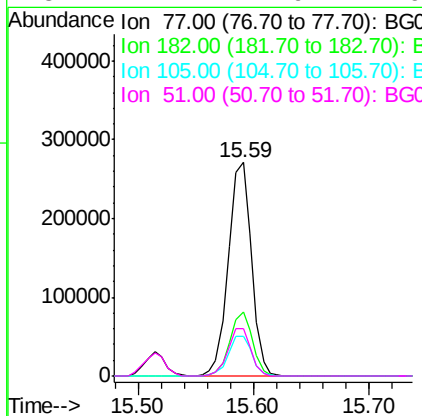
Manual Integrations
 APPROVED

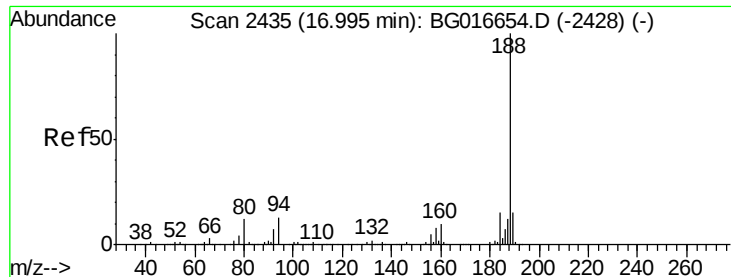
apatel
 4/24/2015 3:29:46 PM



#62
 Azobenzene
 Concen: 39.26 ng
 RT: 15.59 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BG016665.D
 Acq: 23 Apr 2015 22:37

Tgt Ion:	77	Resp:	375914
Ion Ratio	Lower	Upper	
77	100		
182	30.2	9.8	49.8
105	18.8	0.0	39.5
51	22.4	1.9	41.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.99 min Scan# 2435

Delta R.T. 0.00 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

Instrument :

BNA_G

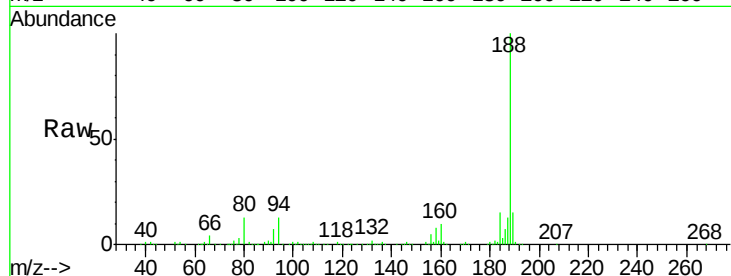
ClientSampleId :

PB82952BS

Tot Ion:	188	Resp:	293712
Ion Ratio	Lower	Upper	
188	100		
94	12.7	10.7	16.1
80	12.6	9.9	14.9

Manual Integrations
APPROVED

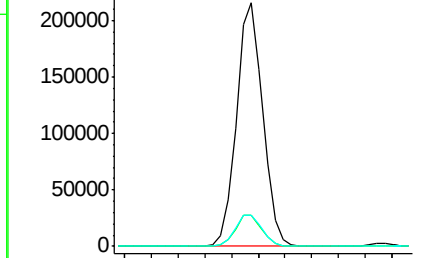
apatel
4/24/2015 3:29:46 PM



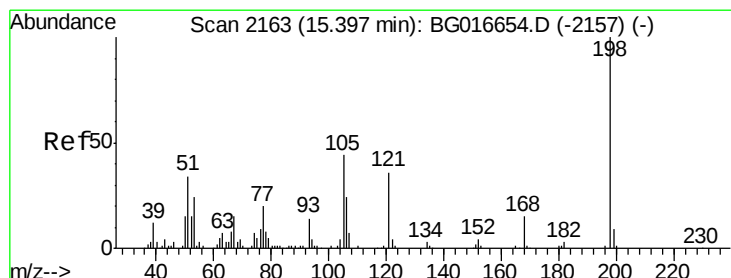
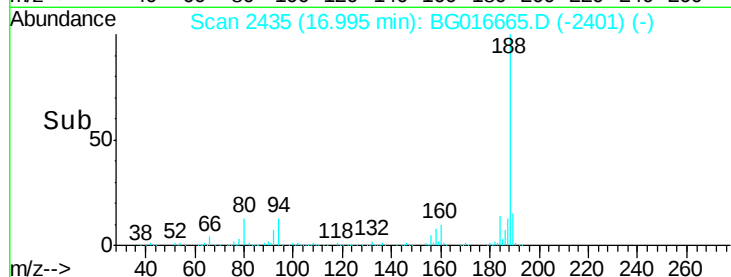
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time--> 16.90 17.00



#64

4,6-Dinitro-2-methylphenol

Concen: 33.97 ng

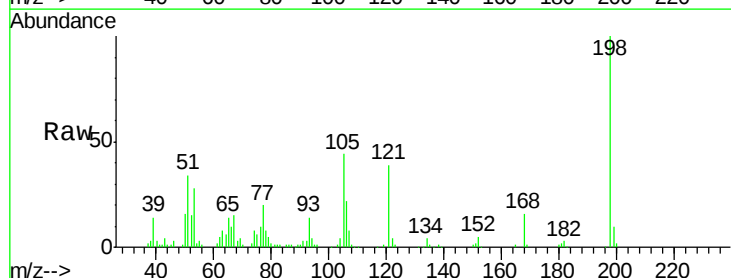
RT: 15.40 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

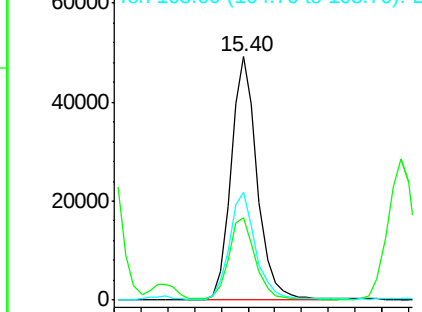
Tgt Ion:	198	Resp:	67518
Ion Ratio	Lower	Upper	
198	100		
51	33.7	14.9	54.9
105	44.2	24.6	64.6



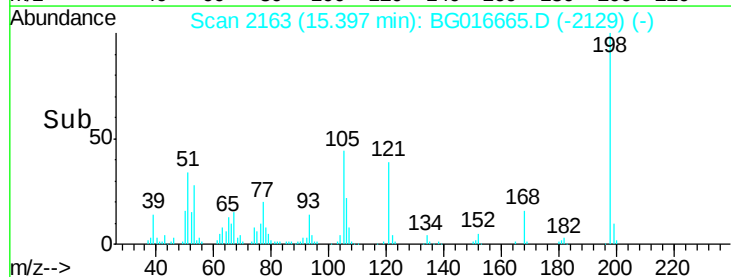
Abundance Ion 198.00 (197.70 to 198.70): E

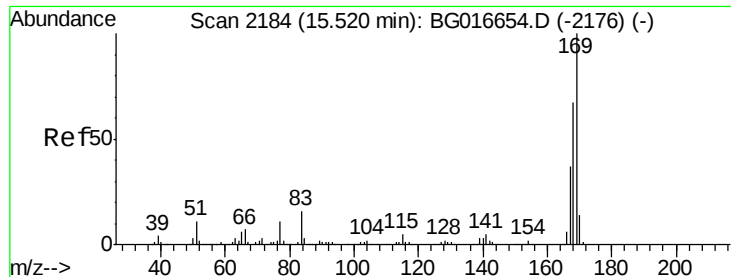
Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



Time--> 15.30 15.40 15.50





#65

n-Nitrosodiphenylamine

Concen: 35.22 ng

RT: 15.51 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

Instrument :

BNA_G

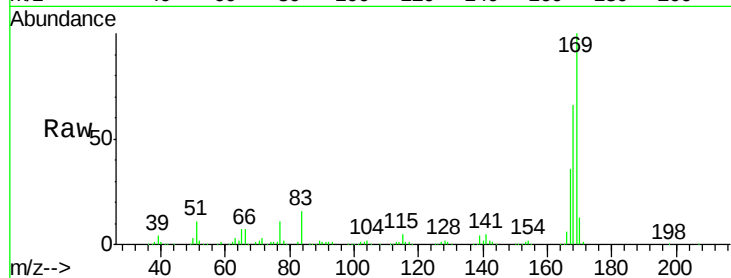
ClientSampleId :

PB82952BS

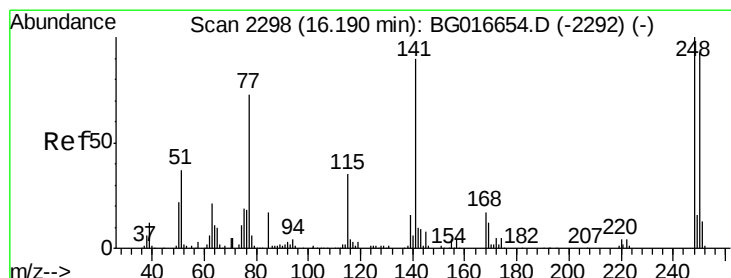
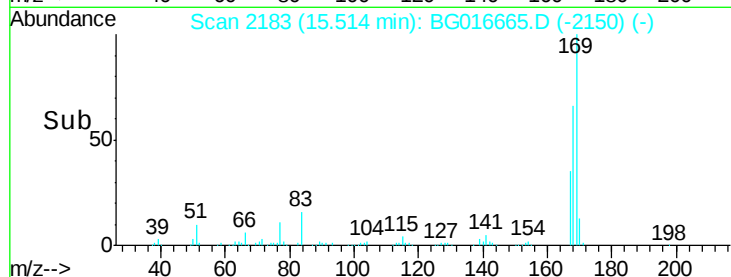
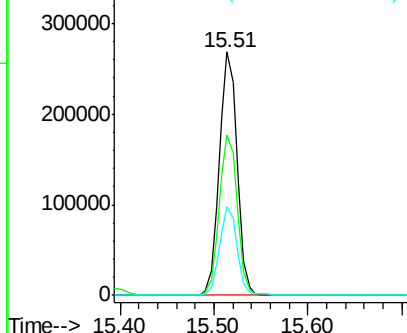
Tot Ion:	169	Resp:	354649
Ion Ratio	Lower	Upper	
169	100		
168	65.9	53.6	80.4
167	36.4	29.4	44.0

Manual Integrations
APPROVED

apatel
4/24/2015 3:29:46 PM



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 35.64 ng

RT: 16.19 min Scan# 2298

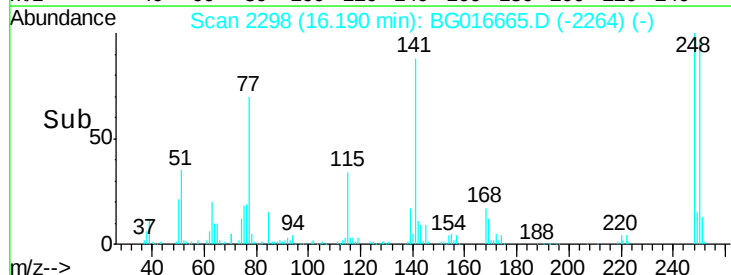
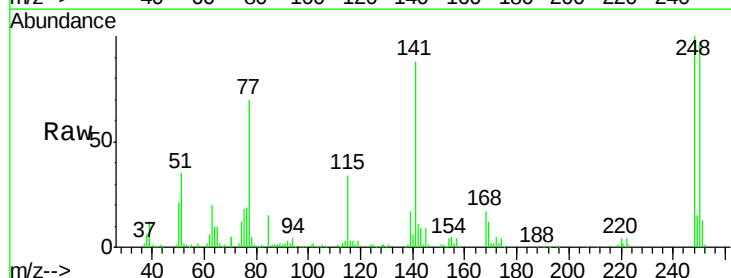
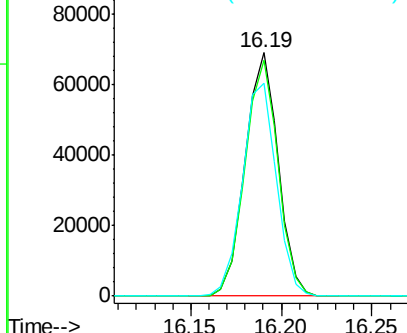
Delta R.T. 0.00 min

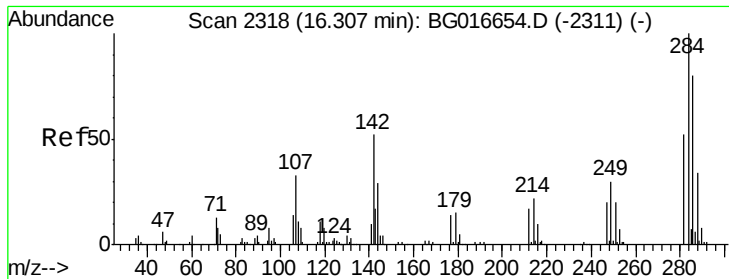
Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

Tgt Ion:	248	Resp:	87482
Ion Ratio	Lower	Upper	
248	100		
250	96.9	74.8	112.2
141	87.7	72.0	108.0

Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 34.99 ng

RT: 16.30 min Scan# 2317

Delta R.T. -0.01 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

Instrument :

BNA_G

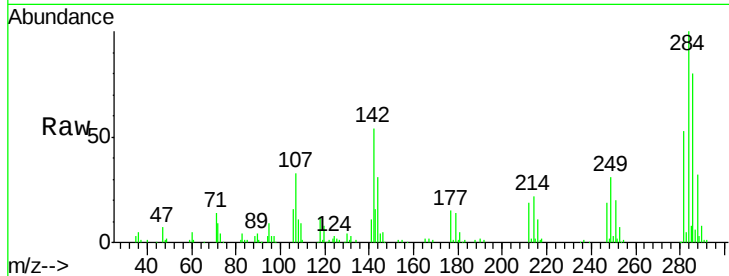
ClientSampleId :

PB82952BS

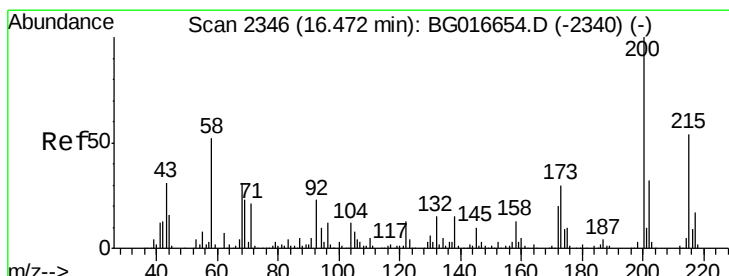
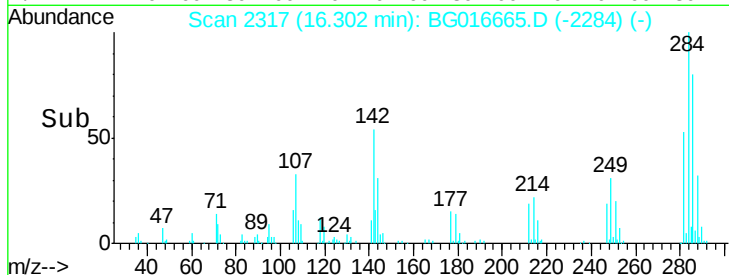
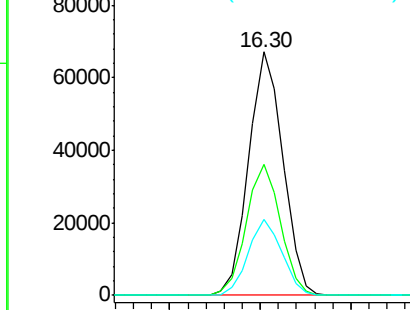
Tot Ion:	284	Resp:	88326
Ion Ratio	Lower	Upper	
284	100		
142	53.7	41.5	62.3
249	31.2	24.2	36.4

Manual Integrations
APPROVED

apatel
4/24/2015 3:29:46 PM



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.93 ng

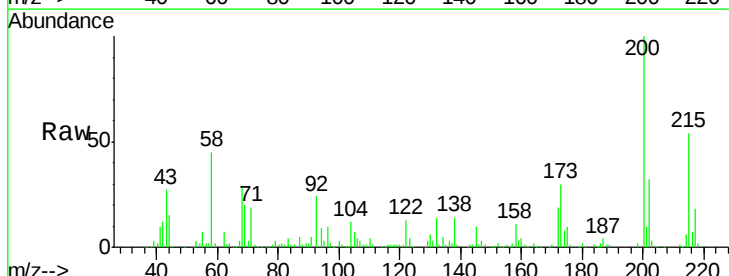
RT: 16.47 min Scan# 2346

Delta R.T. 0.00 min

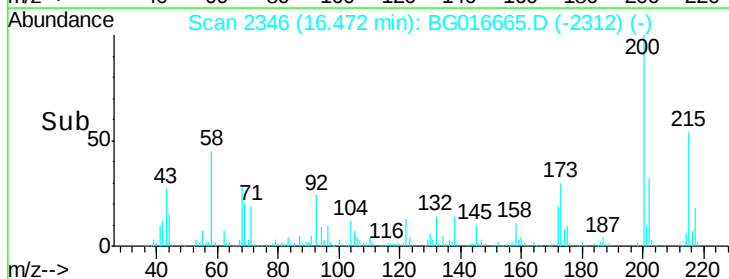
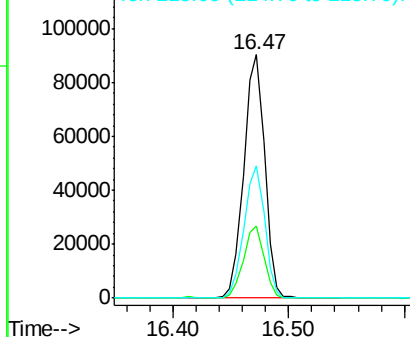
Lab File: BG016665.D

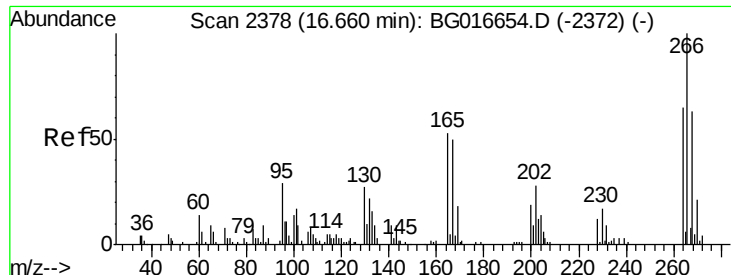
Acq: 23 Apr 2015 22:37

Tgt Ion:	200	Resp:	113355
Ion Ratio	Lower	Upper	
200	100		
173	29.5	9.8	49.8
215	54.2	33.7	73.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





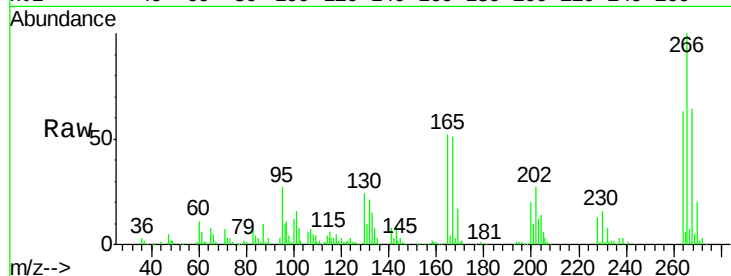
#69
 Pentachlorophenol
 Concen: 77.83 ng
 RT: 16.66 min Scan# 2378
 Delta R.T. 0.00 min
 Lab File: BG016665.D
 Acq: 23 Apr 2015 22:37

Instrument :
 BNA_G
 ClientSampleId :
 PB82952BS

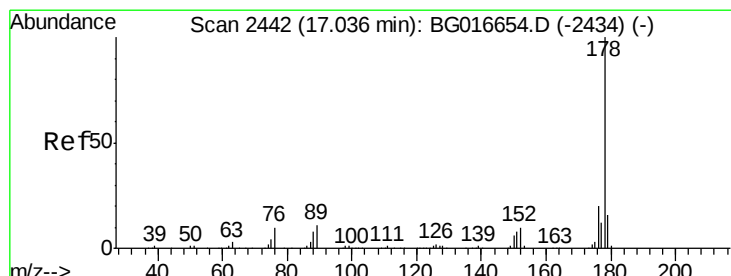
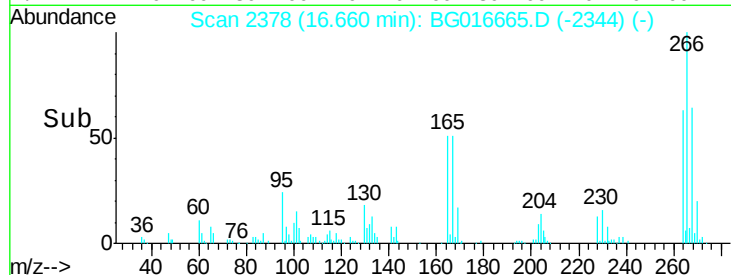
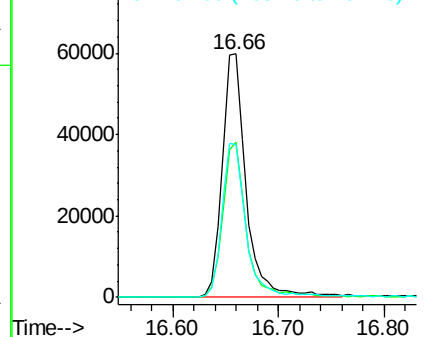
Tot Ion	Ratio	Resp	Lower	Upper
266	100	95394		
268	64.0		50.6	76.0
264	62.9		51.8	77.6

Manual Integrations
 APPROVED

apatel
 4/24/2015 3:29:46 PM

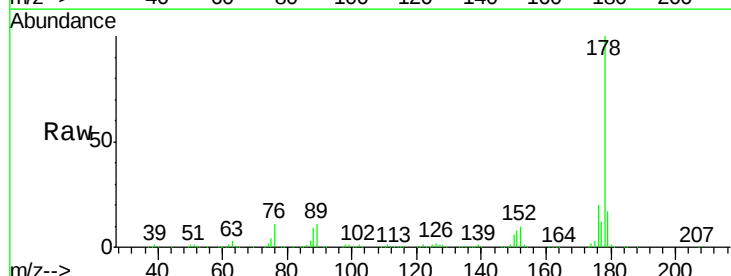


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

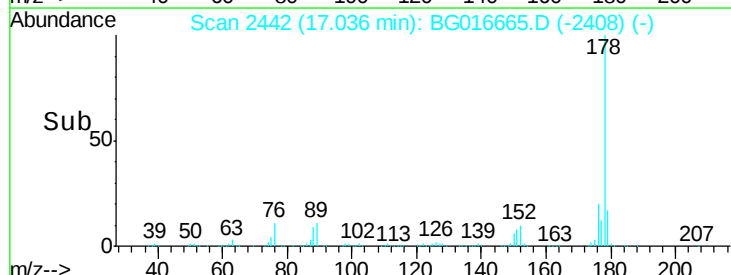
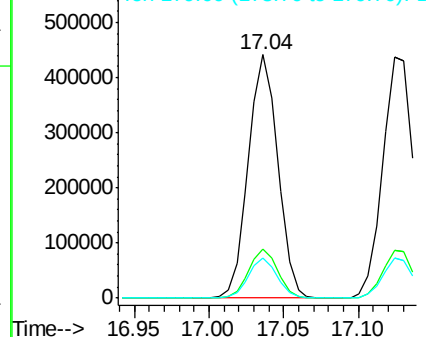


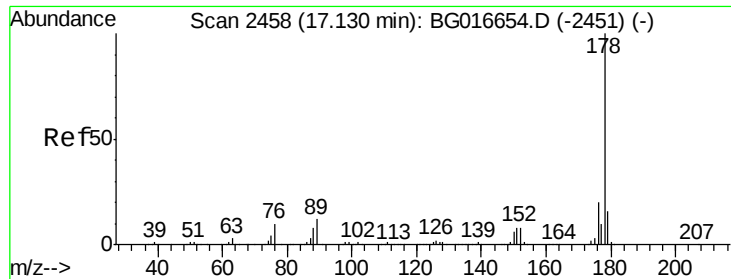
#70
 Phenanthrene
 Concen: 35.78 ng
 RT: 17.04 min Scan# 2442
 Delta R.T. 0.00 min
 Lab File: BG016665.D
 Acq: 23 Apr 2015 22:37

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	603752		
176	20.3		15.8	23.6
179	16.6		12.8	19.2



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





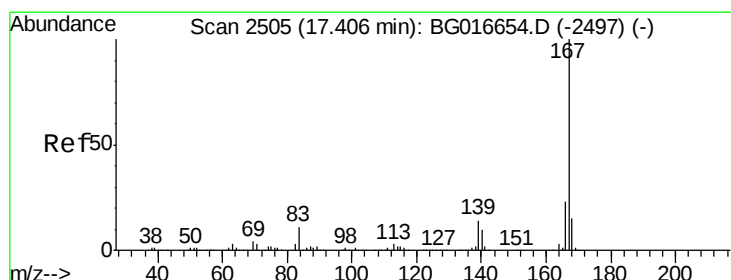
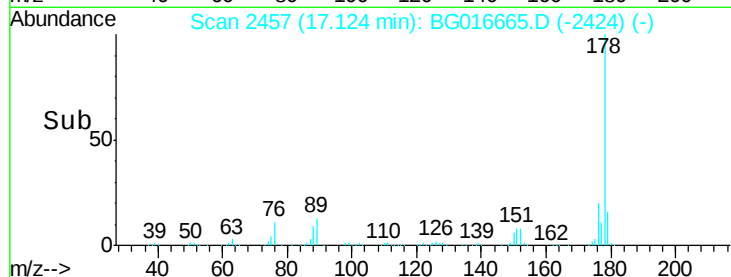
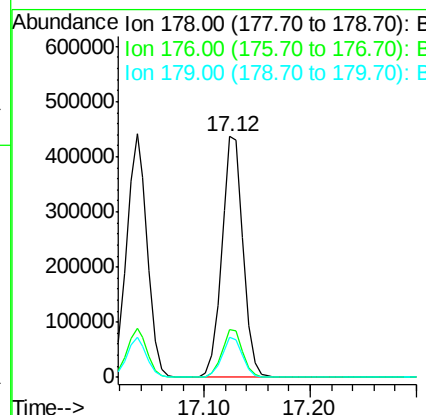
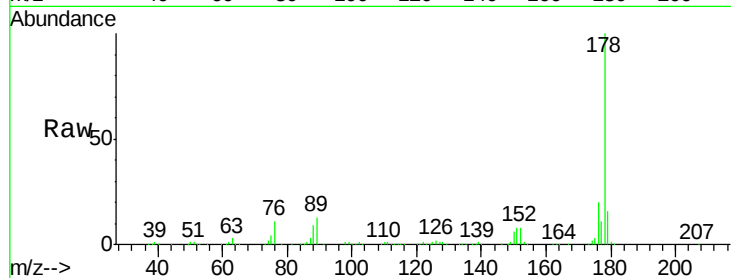
#71
 Anthracene
 Concen: 36.50 ng
 RT: 17.12 min Scan# 2457
 Delta R.T. -0.01 min
 Lab File: BG016665.D
 Acq: 23 Apr 2015 22:37

Instrument :
 BNA_G
 ClientSampleId :
 PB82952BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.0	24.0
179	16.4	12.9	19.3

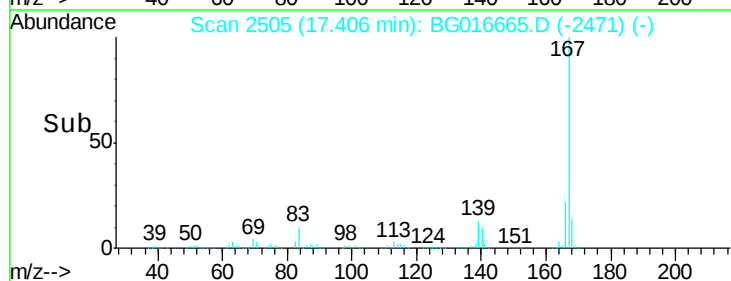
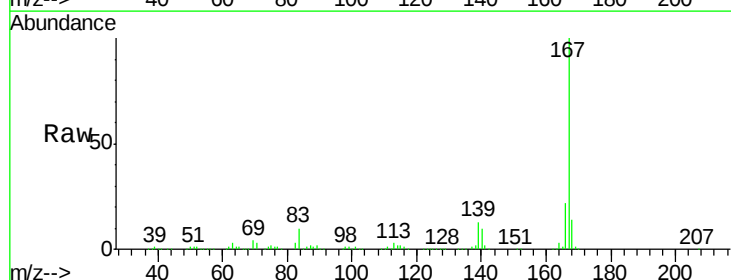
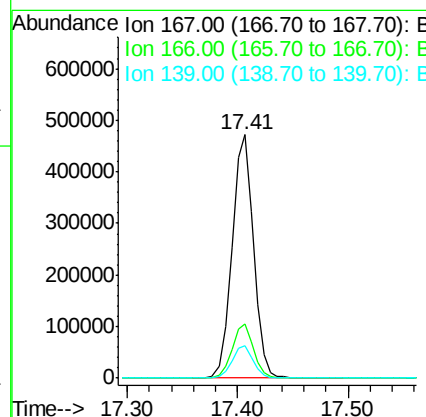
Manual Integrations
 APPROVED

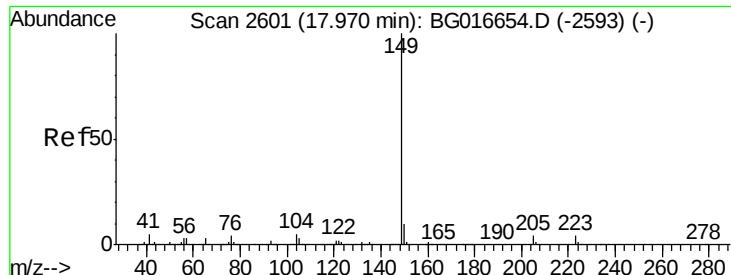
apatel
 4/24/2015 3:29:46 PM



#72
 Carbazole
 Concen: 38.16 ng
 RT: 17.41 min Scan# 2505
 Delta R.T. 0.00 min
 Lab File: BG016665.D
 Acq: 23 Apr 2015 22:37

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.4	27.6
139	13.4	11.1	16.7





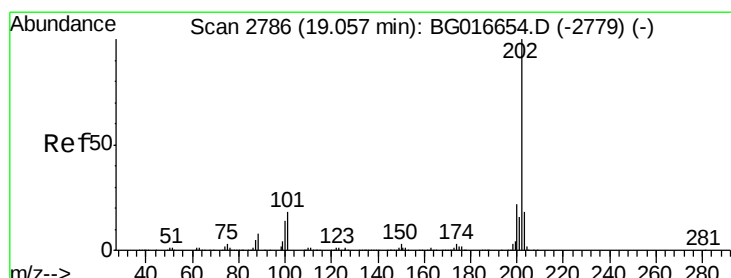
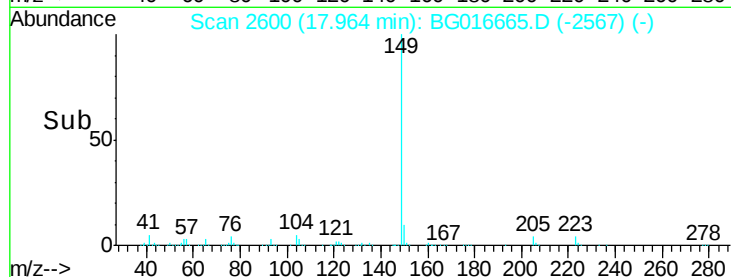
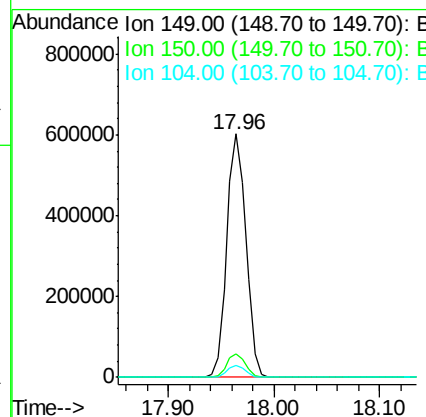
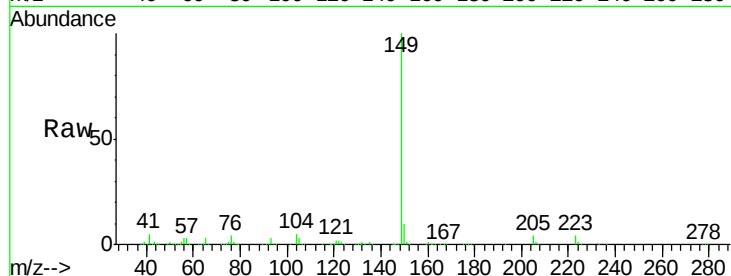
#73
Di-n-butylphthalate
Concen: 37.99 ng
RT: 17.96 min Scan# 2600
Delta R.T. -0.01 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

Instrument :
BNA_G
ClientSampleId :
PB82952BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
150	9.8		7.8	11.6	
104	4.8		3.6	5.4	

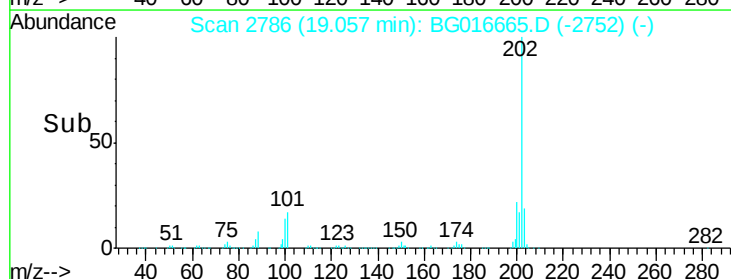
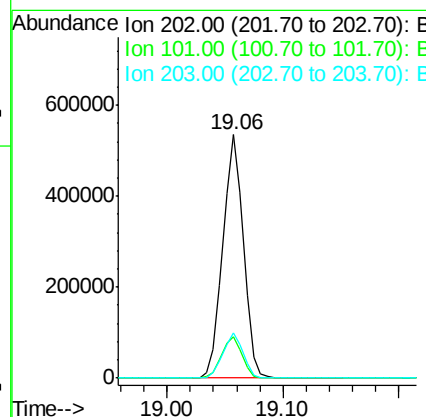
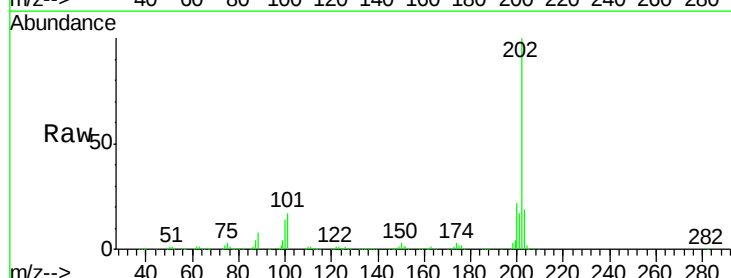
Manual Integrations
APPROVED

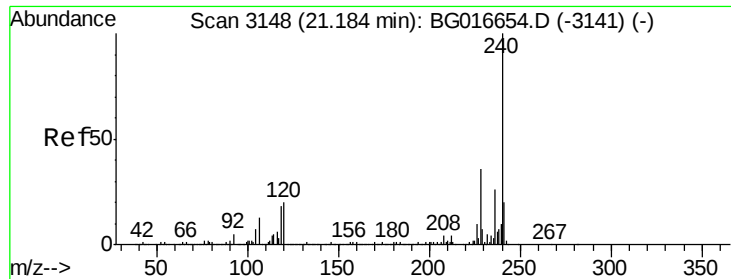
apatel
4/24/2015 3:29:46 PM



#74
Fluoranthene
Concen: 37.02 ng
RT: 19.06 min Scan# 2786
Delta R.T. 0.00 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	17.2		0.0	38.1	
203	18.5		0.0	38.4	





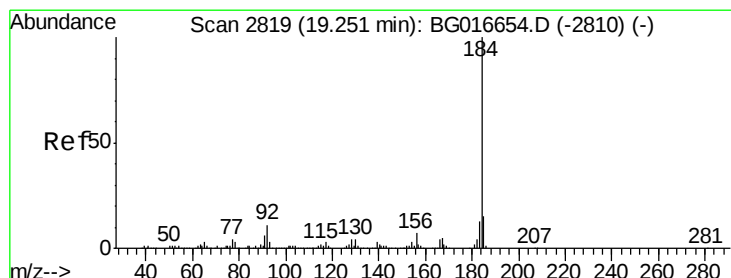
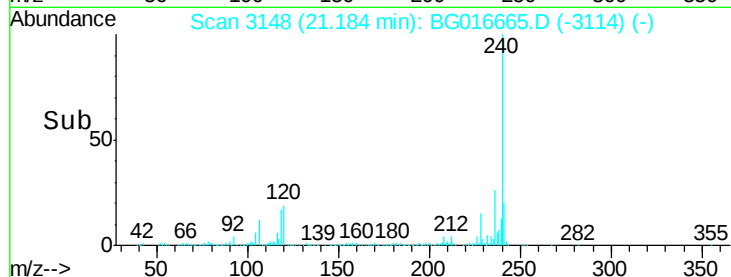
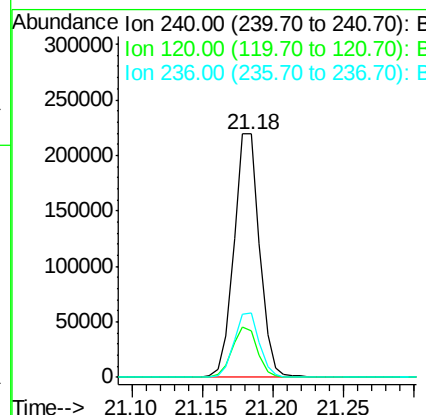
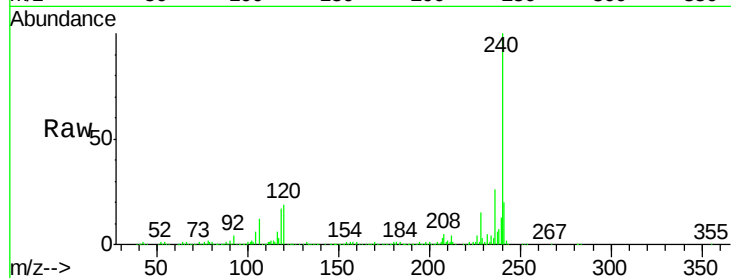
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.18 min Scan# 3148
Delta R.T. 0.00 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

Instrument :
BNA_G
ClientSampleId :
PB82952BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	19.1	16.3	24.5
236	26.5	21.1	31.7

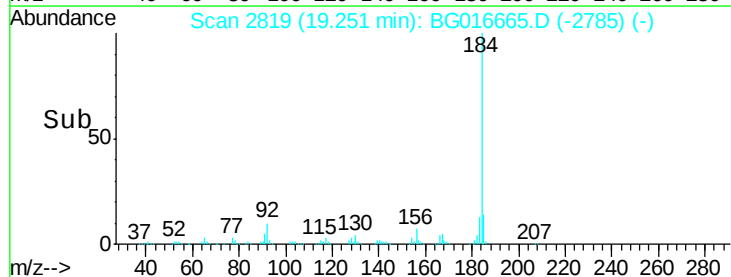
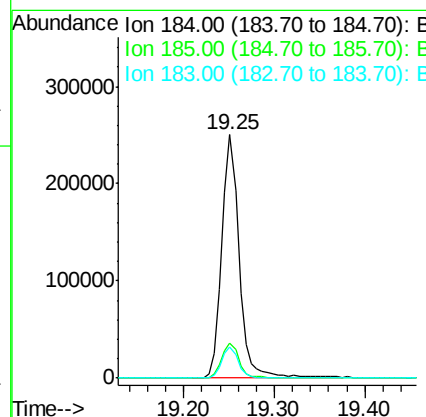
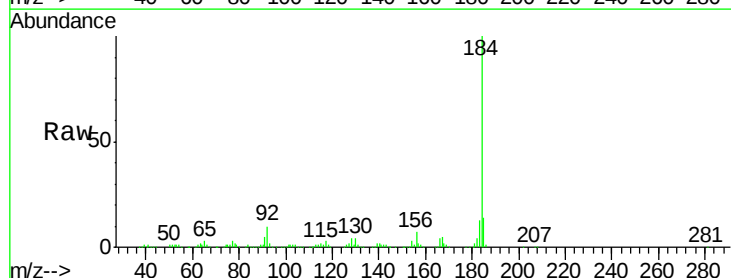
Manual Integrations
APPROVED

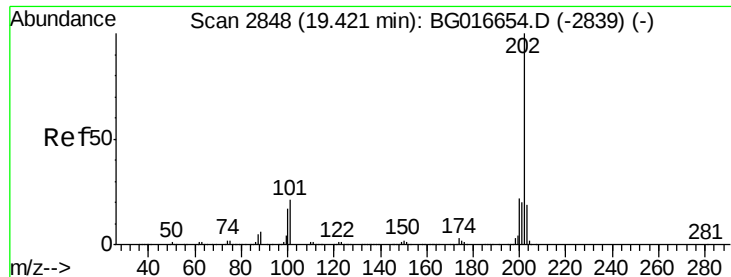
apatel
4/24/2015 3:29:46 PM



#76
Benzidine
Concen: 35.37 ng
RT: 19.25 min Scan# 2819
Delta R.T. 0.00 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.3	18.5
183	12.6	10.1	15.1





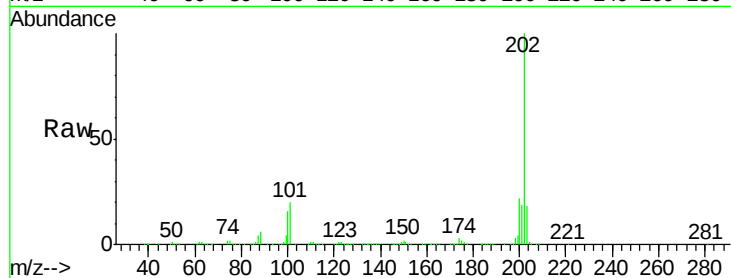
#77
Pvrene
Concen: 35.96 ng
RT: 19.42 min Scan# 2848
Delta R.T. 0.00 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

Instrument :
BNA_G
ClientSampleId :
PB82952BS

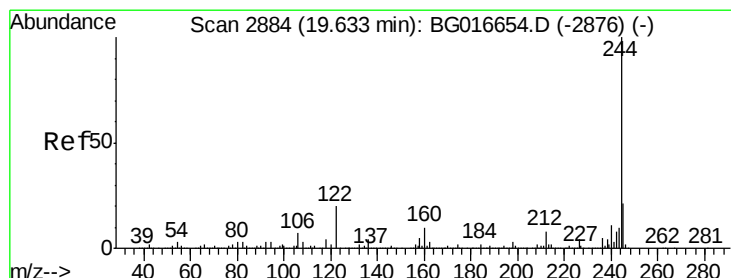
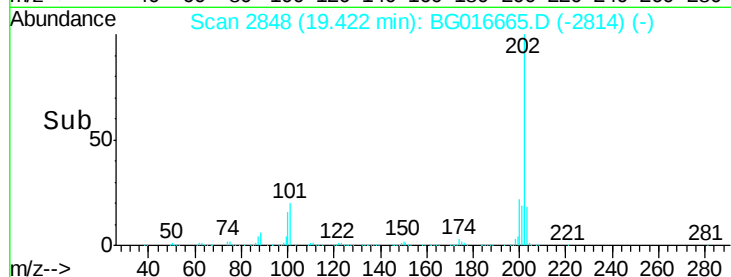
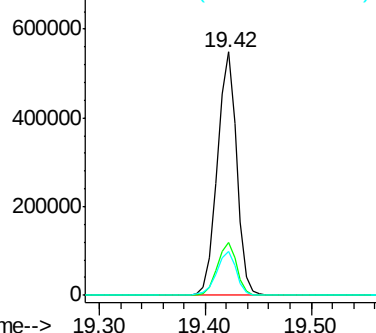
Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.8	18.0	27.0
203	18.2	14.9	22.3

Manual Integrations
APPROVED

apatel
4/24/2015 3:29:46 PM



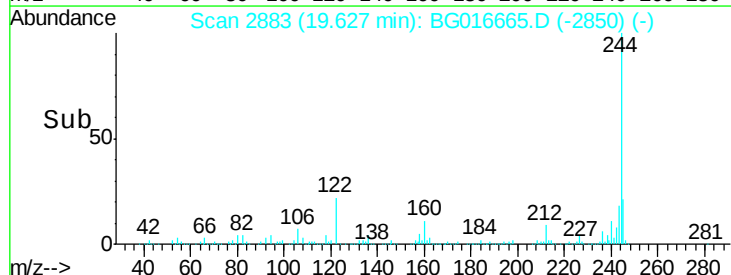
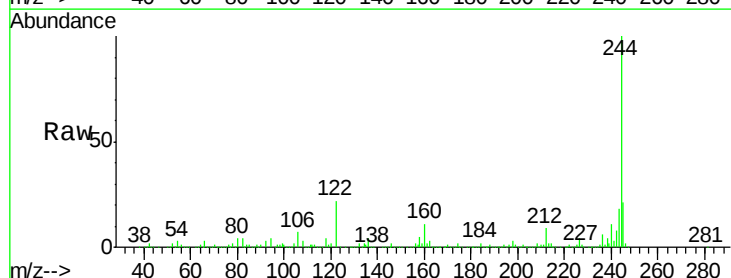
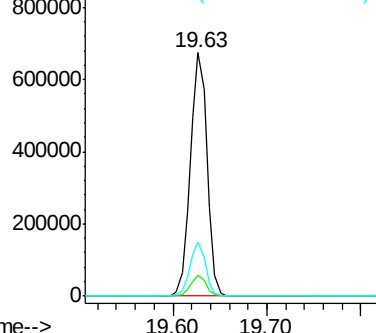
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

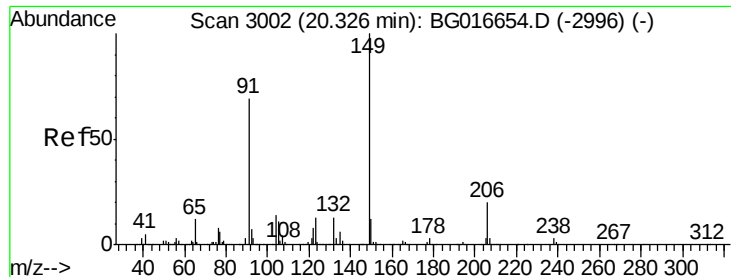


#78
Terphenyl-d14
Concen: 69.82 ng
RT: 19.63 min Scan# 2883
Delta R.T. -0.01 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.5	6.4	9.6
122	22.1	15.9	23.9

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





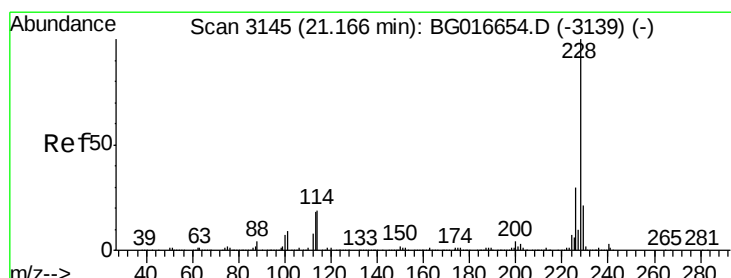
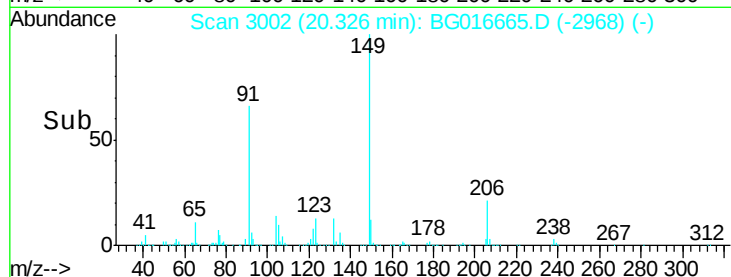
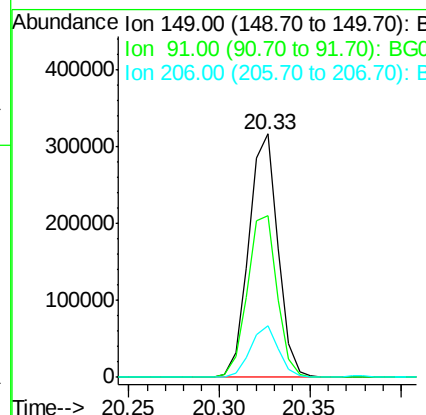
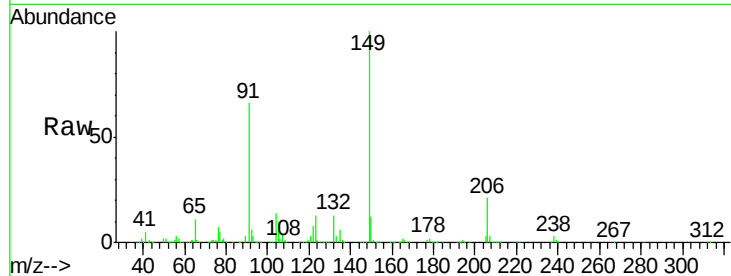
#79
Butylbenzylphthalate
Concen: 36.97 ng
RT: 20.33 min Scan# 3002
Delta R.T. 0.00 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

Instrument :
BNA_G
ClientSampleId :
PB82952BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	352800		
91	66.3	55.4	83.0	
206	21.2	16.4	24.6	

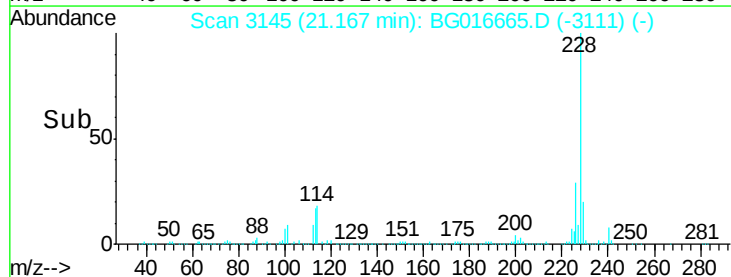
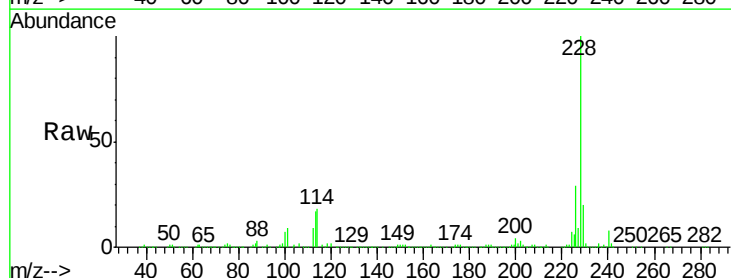
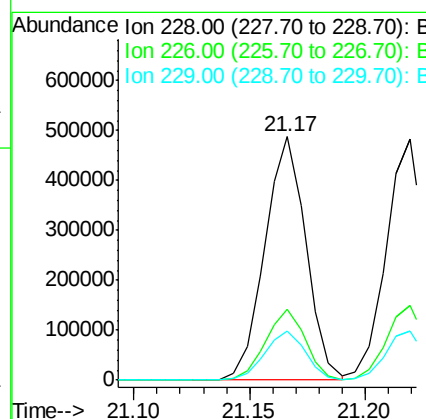
Manual Integrations
APPROVED

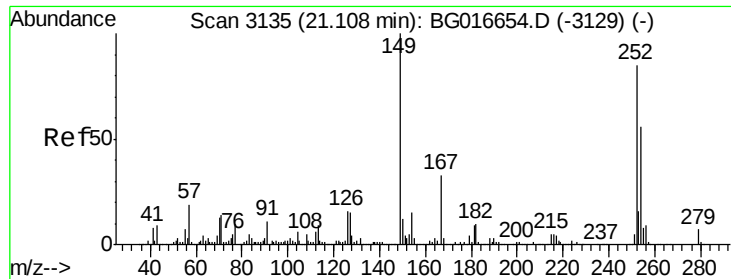
apatel
4/24/2015 3:29:46 PM



#80
Benzo(a)anthracene
Concen: 35.93 ng
RT: 21.17 min Scan# 3145
Delta R.T. 0.00 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	601583		
226	29.0	23.8	35.6	
229	20.3	17.0	25.4	





#81

3,3'-Dichlorobenzidine

Concen: 22.00 ng

RT: 21.10 min Scan# 3134

Delta R.T. -0.01 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

Instrument :

BNA_G

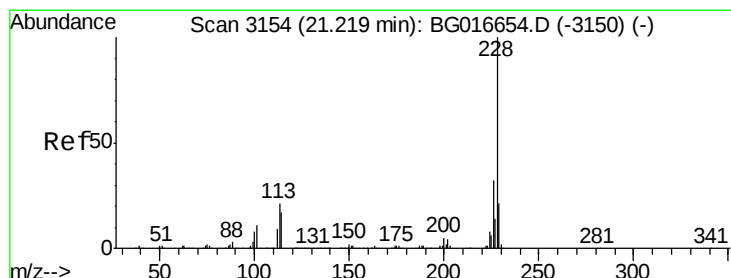
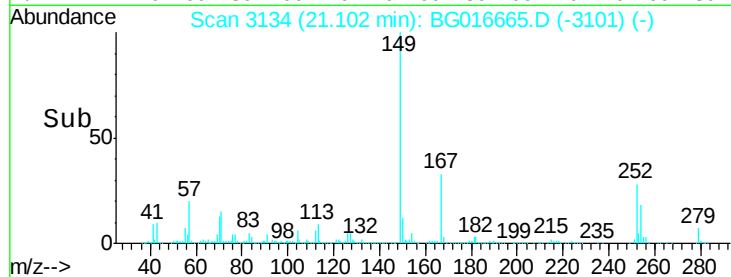
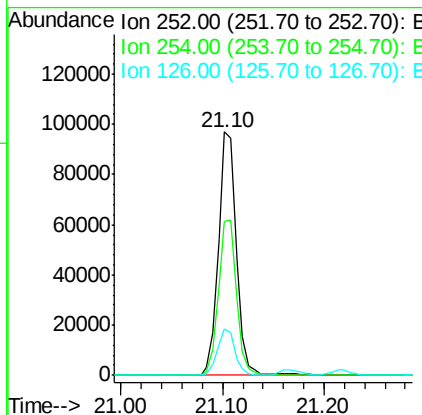
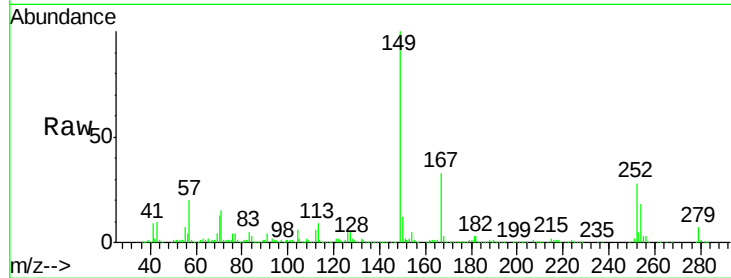
ClientSampleId :

PB82952BS

Tot Ion:	252	Resp:	120064
Ion Ratio	Lower	Upper	
252	100		
254	63.3	52.7	79.1
126	19.2	15.3	22.9

Manual Integrations
APPROVED

apatel
4/24/2015 3:29:46 PM



#82

Chrysene

Concen: 35.76 ng

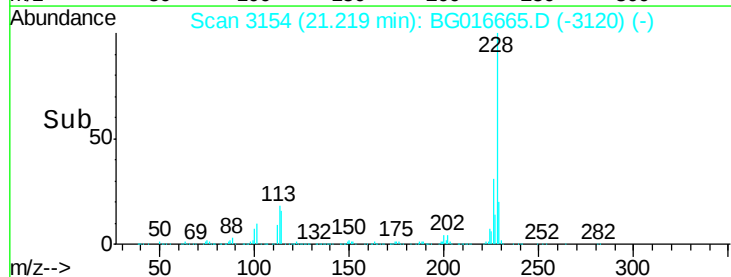
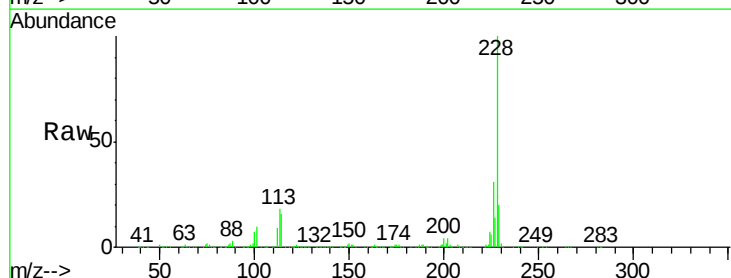
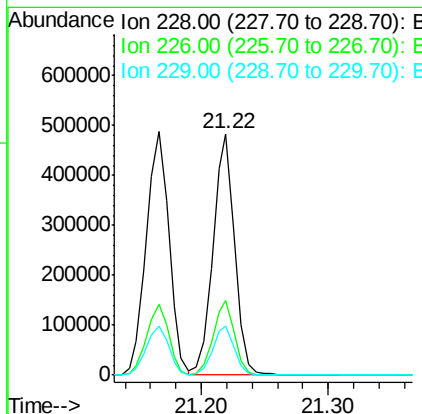
RT: 21.22 min Scan# 3154

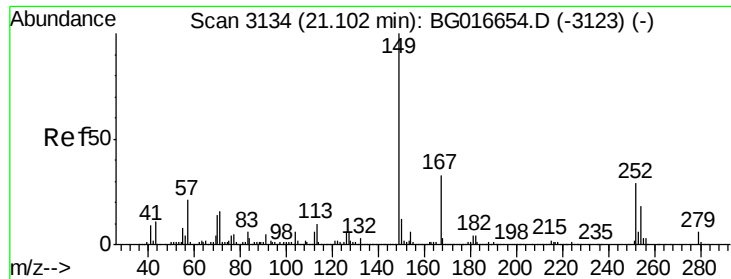
Delta R.T. 0.00 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

Tgt Ion:	228	Resp:	573901
Ion Ratio	Lower	Upper	
228	100		
226	31.0	25.4	38.0
229	20.2	16.5	24.7





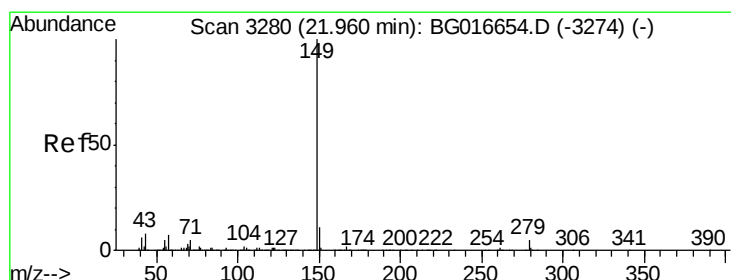
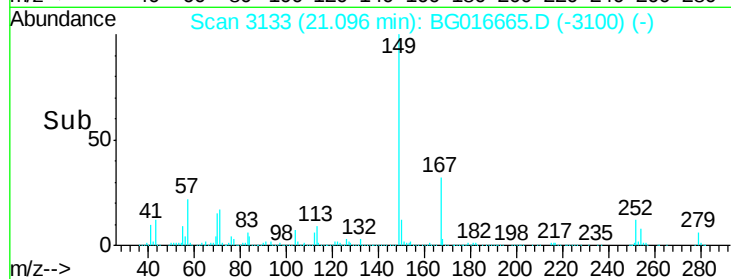
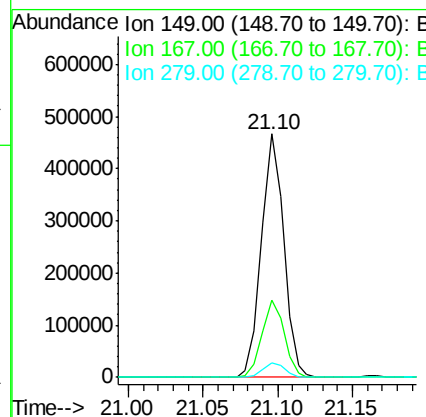
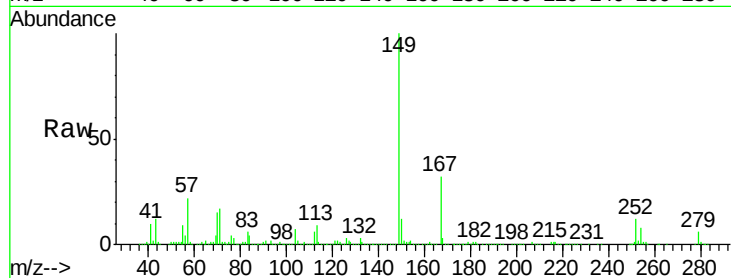
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.04 ng
 RT: 21.10 min Scan# 3133
 Delta R.T. -0.01 min
 Lab File: BG016665.D
 Acq: 23 Apr 2015 22:37

Instrument :
 BNA_G
 ClientSampleId :
 PB82952BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	480800		
167	31.9	26.6	39.8	
279	5.8	5.1	7.7	

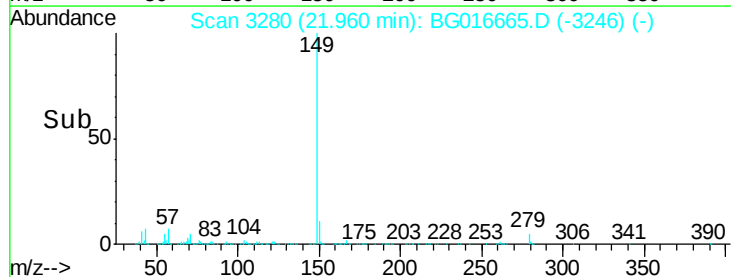
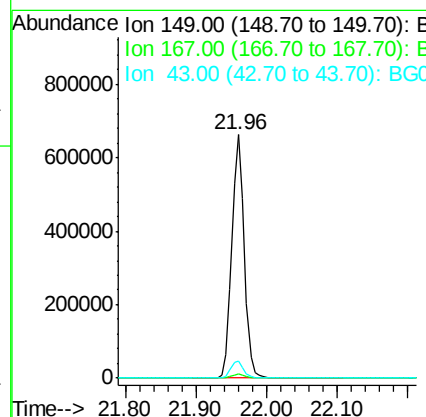
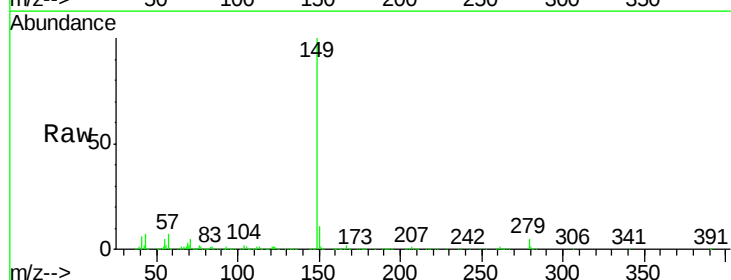
Manual Integrations
 APPROVED

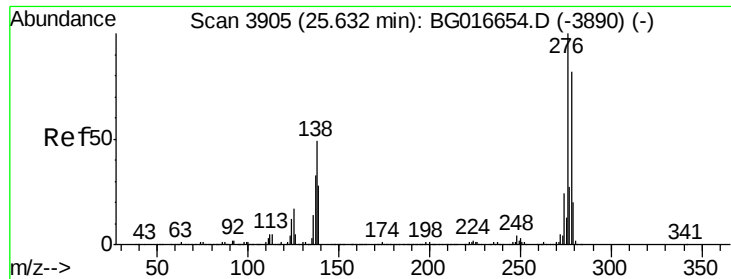
apatel
 4/24/2015 3:29:46 PM



#84
 Di-n-octyl phthalate
 Concen: 37.50 ng
 RT: 21.96 min Scan# 3280
 Delta R.T. 0.00 min
 Lab File: BG016665.D
 Acq: 23 Apr 2015 22:37

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	810882		
167	1.8	1.4	2.0	
43	7.0	5.7	8.5	





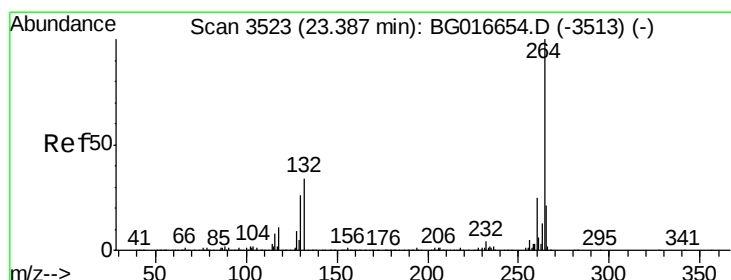
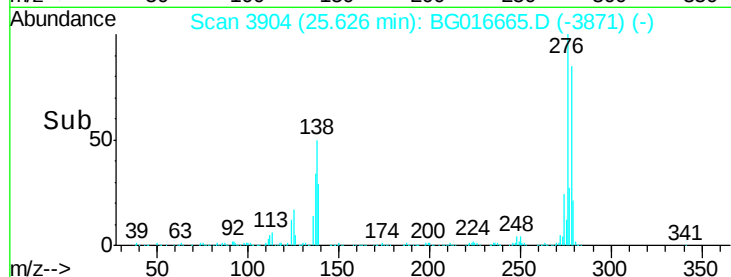
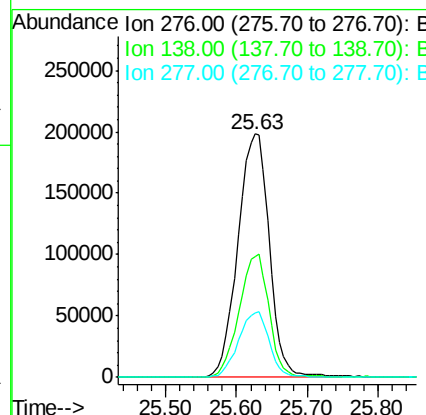
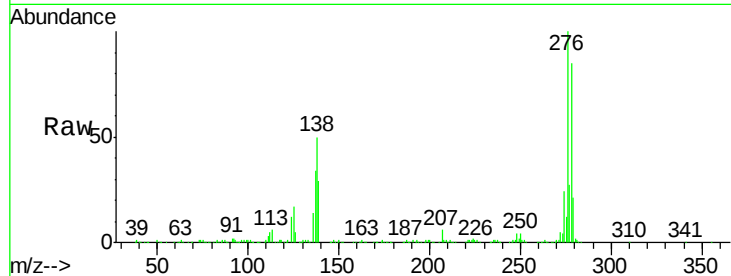
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.11 ng
 RT: 25.63 min Scan# 3904
 Delta R.T. -0.01 min
 Lab File: BG016665.D
 Acq: 23 Apr 2015 22:37

Instrument :
 BNA_G
 ClientSampleId :
 PB82952BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	48.3	38.2	57.2
277	26.4	21.4	32.2

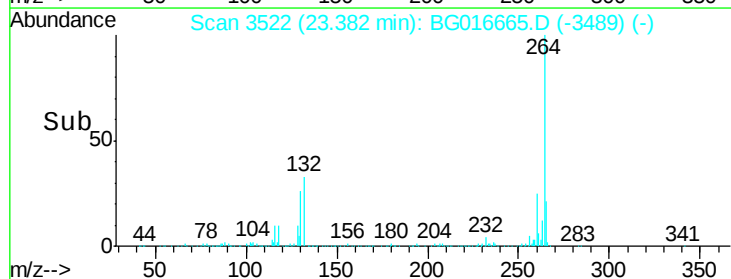
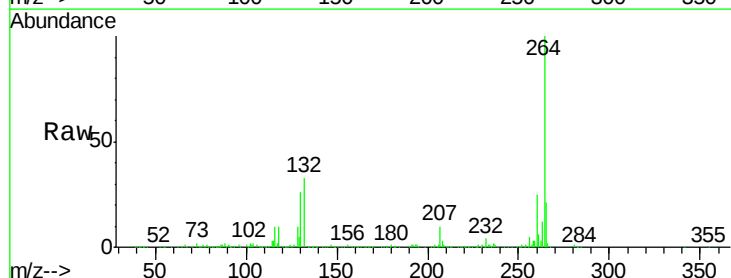
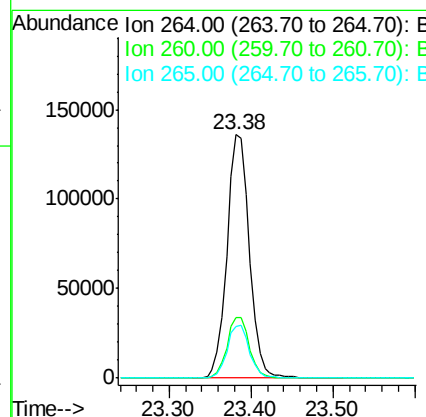
Manual Integrations
 APPROVED

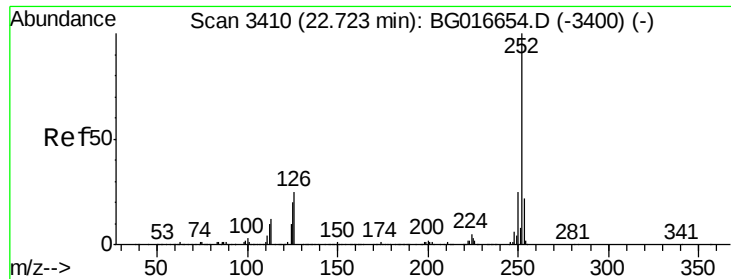
apatel
 4/24/2015 3:29:46 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.38 min Scan# 3522
 Delta R.T. -0.01 min
 Lab File: BG016665.D
 Acq: 23 Apr 2015 22:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.0	30.0
265	21.1	16.8	25.2





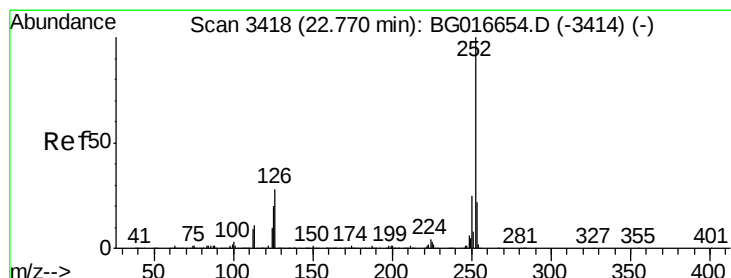
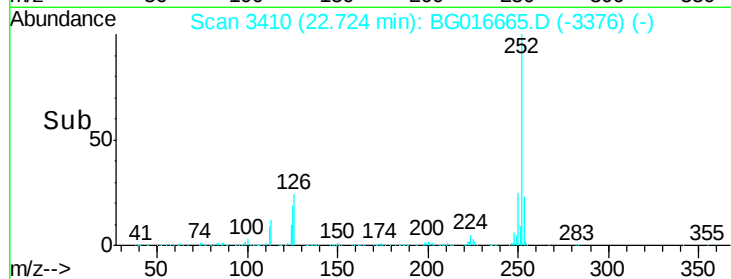
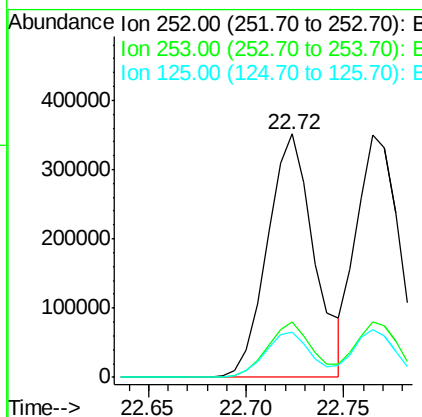
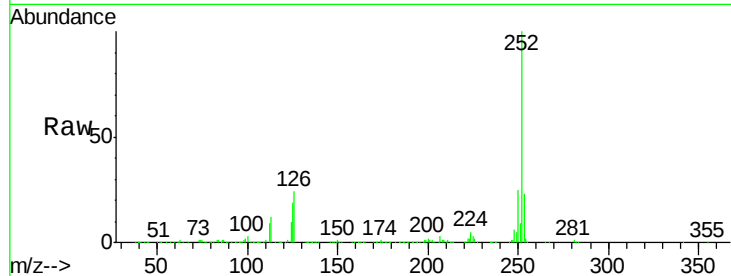
#87
Benzo(b)fluoranthene
Concen: 37.08 ng
RT: 22.72 min Scan# 3410
Delta R.T. 0.00 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

Instrument :
BNA_G
ClientSampleId :
PB82952BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	582083		
253	22.6		17.9	26.9
125	18.8		15.8	23.8

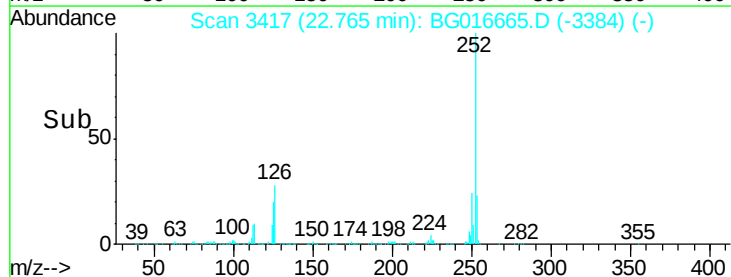
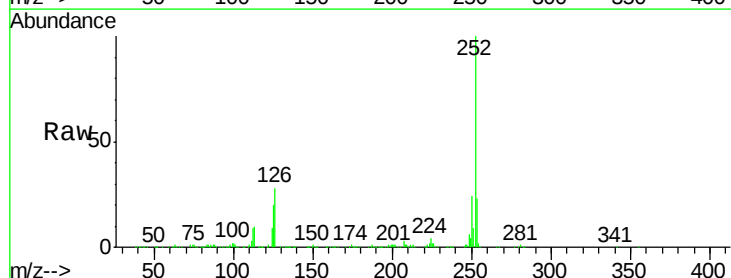
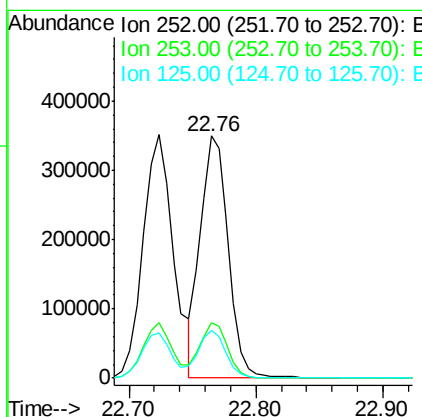
Manual Integrations
APPROVED

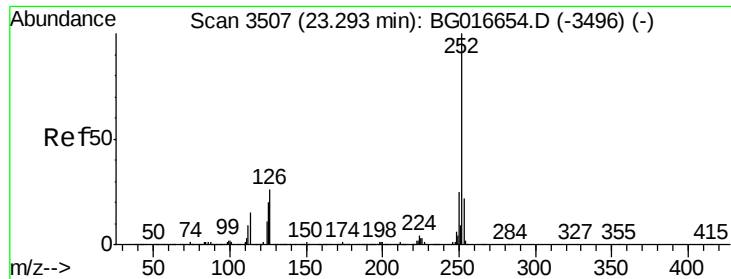
apatel
4/24/2015 3:29:46 PM



#88
Benzo(k)fluoranthene
Concen: 34.68 ng
RT: 22.76 min Scan# 3417
Delta R.T. -0.01 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	531294		
253	22.7		17.6	26.4
125	19.5		15.5	23.3





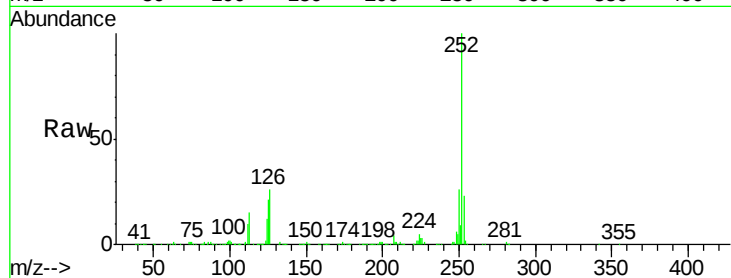
#89
Benzo(a)pyrene
Concen: 36.96 ng
RT: 23.29 min Scan# 3506
Delta R.T. -0.01 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

Instrument :
BNA_G
ClientSampleId :
PB82952BS

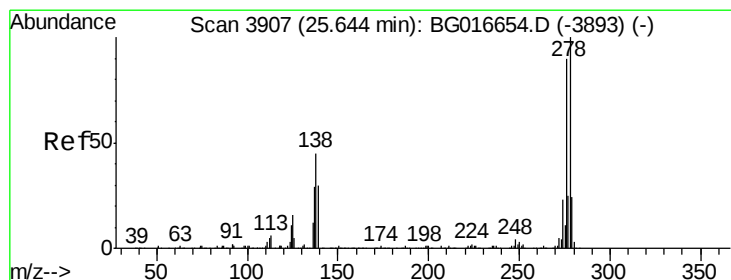
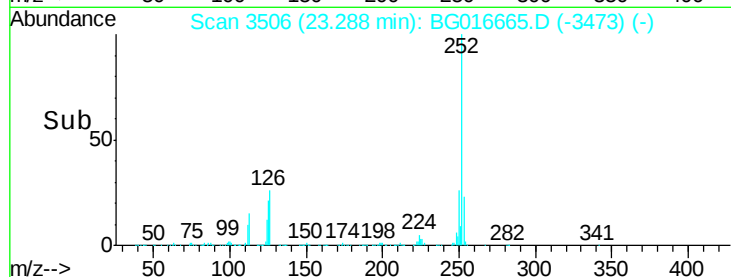
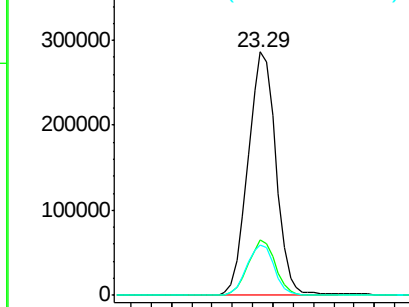
Tot Ion:	252	Resp:	546781
Ion Ratio		Lower	Upper
252	100		
253	23.0	17.2	25.8
125	20.8	16.3	24.5

Manual Integrations
APPROVED

apatel
4/24/2015 3:29:46 PM

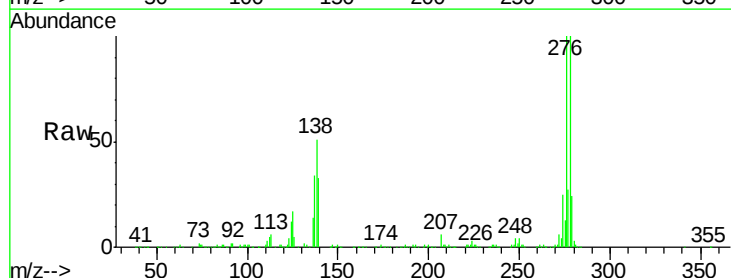


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

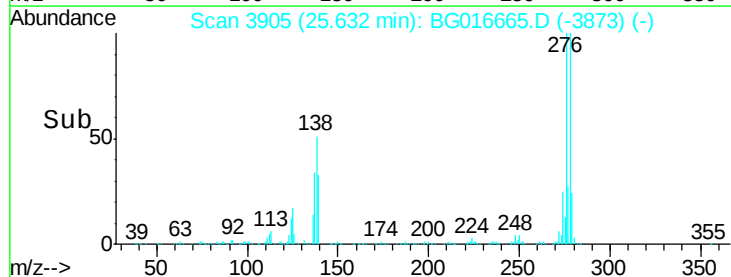
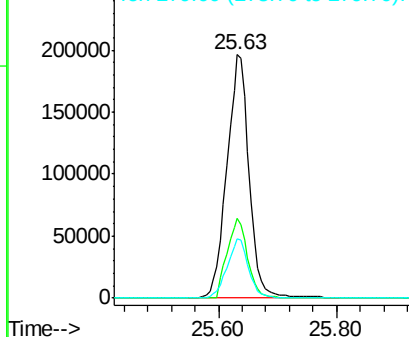


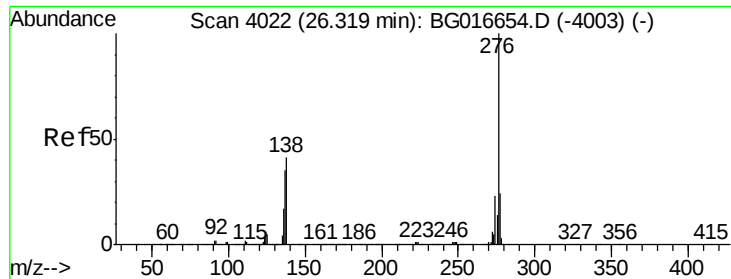
#90
Dibenzo(a,h)anthracene
Concen: 35.73 ng
RT: 25.63 min Scan# 3905
Delta R.T. -0.01 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

Tgt Ion:	278	Resp:	513994
Ion Ratio		Lower	Upper
278	100		
139	32.7	24.2	36.2
279	24.5	18.9	28.3



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 35.70 ng
 RT: 26.31 min Scan# 4020
 Delta R.T. -0.01 min
 Lab File: BG016665.D
 Acq: 23 Apr 2015 22:37

Instrument :
 BNA_G
 ClientSampleId :
 PB82952BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.3	28.9
138	40.4	32.8	49.2

Manual Integrations
 APPROVED

apatel
 4/24/2015 3:29:46 PM

