

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091415\
 Data File : BG018665.D
 Acq On : 14 Sep 2015 17:05
 Operator : UM/IZ
 Sample : PB85494BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB85494BS

Manual Integrations
 APPROVED

MMDadoda
 9/15/2015 1:34:02 PM

Quant Time: Sep 15 02:20:28 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 01:23:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	56917	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	238840	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	154463	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	449462	20.00	ng	0.00
75) Chrysene-d12	21.63	240	513749	20.00	ng	0.00
86) Perylene-d12	24.82	264	527843	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.58	112	294276	89.31	ng	0.00
7) Phenol-d6	7.16	99	393947	83.39	ng	0.00
23) Nitrobenzene-d5	9.16	82	331888	77.76	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	184772	88.84	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	852772	76.64	ng	0.00
78) Terphenyl-d14	19.98	244	1583304	80.93	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.47	88	42353	30.75	ng	# 100
3) Pyridine	3.87	79	131284	30.75	ng	96
4) n-Nitrosodimethylamine	3.78	42	50019	33.64	ng	# 72
6) Aniline	7.33	93	196956	30.25	ng	98
8) 2-Chlorophenol	7.57	128	155613	40.90	ng	94
9) Benzaldehyde	7.14	77	72868	28.65	ng	93
10) Phenol	7.19	94	206187	41.31	ng	99
11) bis(2-Chloroethyl)ether	7.42	93	143691	37.15	ng	98
12) 1,3-Dichlorobenzene	7.89	146	163925	37.03	ng	99
13) 1,4-Dichlorobenzene	8.04	146	168609	37.98	ng	95
14) 1,2-Dichlorobenzene	8.36	146	160026	37.76	ng	97
15) Benzyl Alcohol	8.24	79	131374	38.58	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.54	45	166958	38.01	ng	97
17) 2-Methylphenol	8.44	107	138395	39.91	ng	97
18) Hexachloroethane	9.09	117	57212	36.04	ng	86
19) n-Nitroso-di-n-propylamine	8.80	70	112165	33.71	ng	96
20) 3+4-Methylphenols	8.77	107	192386	39.51	ng	91
22) Acetophenone	8.82	105	228906	37.83	ng	100
24) Nitrobenzene	9.21	77	163971	36.18	ng	97
25) Isophorone	9.72	82	313966	34.20	ng	99
26) 2-Nitrophenol	9.92	139	79550	37.62	ng	98
27) 2,4-Dimethylphenol	9.97	122	146809	38.23	ng	97
28) bis(2-Chloroethoxy)methane	10.21	93	200157	37.97	ng	98
29) 2,4-Dichlorophenol	10.45	162	159759	41.17	ng	96
30) 1,2,4-Trichlorobenzene	10.67	180	164128	38.17	ng	94
31) Naphthalene	10.86	128	482108	37.69	ng	99
32) Benzoic acid	10.09	122	101254	34.45	ng	96
33) 4-Chloroaniline	10.96	127	133214	23.02	ng	96
34) Hexachlorobutadiene	11.15	225	92434	36.46	ng	97
35) Caprolactam	11.72	113	65918m	39.51	ng	
36) 4-Chloro-3-methylphenol	12.09	107	171322	39.58	ng	96
37) 2-Methylnaphthalene	12.46	142	351494	37.55	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	182318	37.21	ng	99
40) Hexachlorocyclopentadiene	12.81	237	216564	88.02	ng	97

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091415\
 Data File : BG018665.D
 Acq On : 14 Sep 2015 17:05
 Operator : UM/IZ
 Sample : PB85494BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB85494BS

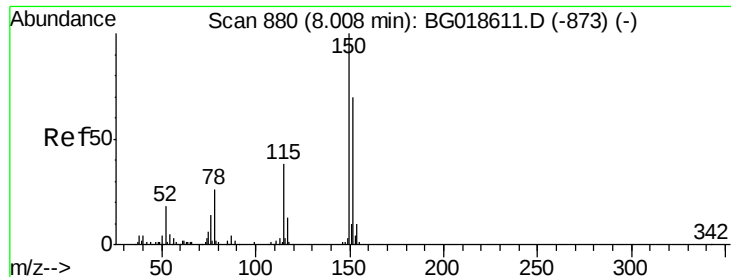
Manual Integrations
 APPROVED

MMDadoda
 9/15/2015 1:34:02 PM

Quant Time: Sep 15 02:20:28 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 01:23:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.06	196	134018	39.50	ng	97
43) 2,4,5-Trichlorophenol	13.14	196	151816	40.79	ng	99
45) 1,1'-Biphenyl	13.47	154	468825	38.17	ng	98
46) 2-Chloronaphthalene	13.51	162	363701	38.43	ng	99
47) 2-Nitroaniline	13.70	65	112002	39.33	ng	97
48) Acenaphthylene	14.35	152	632707	37.82	ng	98
49) Dimethylphthalate	14.08	163	493441	38.58	ng	99
50) 2,6-Dinitrotoluene	14.20	165	112199	40.37	ng	97
51) Acenaphthene	14.69	154	377309	38.77	ng	97
52) 3-Nitroaniline	14.53	138	103294	31.11	ng	95
53) 2,4-Dinitrophenol	14.74	184	111357	79.26	ng	98
54) Dibenzofuran	15.03	168	608940	40.26	ng	99
55) 4-Nitrophenol	14.84	139	238267	92.94	ng	97
56) 2,4-Dinitrotoluene	14.99	165	171222	43.44	ng	# 96
57) Fluorene	15.68	166	518830	39.84	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.25	232	149268	42.77	ng	# 100
59) Diethylphthalate	15.45	149	525989	39.43	ng	99
60) 4-Chlorophenyl-phenylether	15.66	204	249279	39.84	ng	97
61) 4-Nitroaniline	15.69	138	154129	43.05	ng	97
62) Azobenzene	15.96	77	484103	41.06	ng	99
64) 4,6-Dinitro-2-methylphenol	15.75	198	87211	37.36	ng	96
65) n-Nitrosodiphenylamine	15.88	169	467901	35.94	ng	99
66) 4-Bromophenyl-phenylether	16.56	248	169561	37.09	ng	94
67) Hexachlorobenzene	16.68	284	190858	38.43	ng	99
68) Atrazine	16.83	200	210746	40.72	ng	97
69) Pentachlorophenol	17.03	266	256131	83.62	ng	94
70) Phenanthrene	17.41	178	926986	39.21	ng	99
71) Anthracene	17.50	178	962770	40.22	ng	99
72) Carbazole	17.77	167	953974	41.17	ng	99
73) Di-n-butylphthalate	18.33	149	1121703	41.05	ng	99
74) Fluoranthene	19.42	202	1211996	41.39	ng	99
76) Benzidine	19.60	184	579392	37.55	ng	98
77) Pyrene	19.78	202	1251099	39.63	ng	99
79) Butylbenzylphthalate	20.66	149	516028	40.20	ng	97
80) Benzo(a)anthracene	21.61	228	1159241	39.19	ng	98
81) 3,3'-Dichlorobenzidine	21.53	252	333926	29.72	ng	99
82) Chrysene	21.68	228	1052862	37.80	ng	99
83) Bis(2-ethylhexyl)phthalate	21.52	149	754874	40.77	ng	98
84) Di-n-octyl phthalate	22.71	149	1273169	40.65	ng	99
85) Indeno(1,2,3-cd)pyrene	28.45	276	1394862	39.44	ng	# 100
87) Benzo(b)fluoranthene	23.81	252	1244204	40.65	ng	100
88) Benzo(k)fluoranthene	23.88	252	1158304	37.77	ng	98
89) Benzo(a)pyrene	24.67	252	1184391	40.67	ng	97
90) Dibenzo(a,h)anthracene	28.51	278	1134752	39.57	ng	100
91) Benzo(g,h,i)perylene	29.59	276	1155723	39.57	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.00 min Scan# 879

Delta R.T. -0.00 min

Lab File: BG018665.D

Acq: 14 Sep 2015 17:05

Instrument :

BNA_G

ClientSampleId :

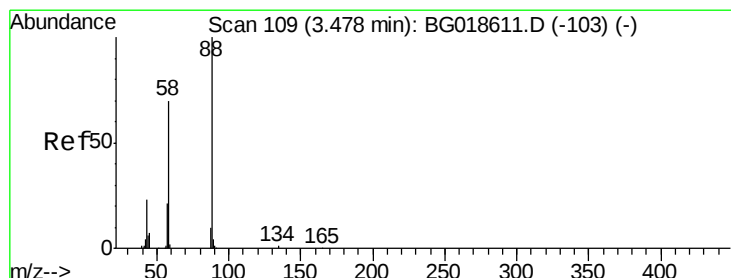
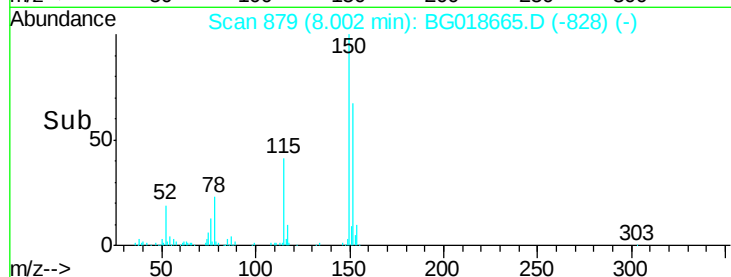
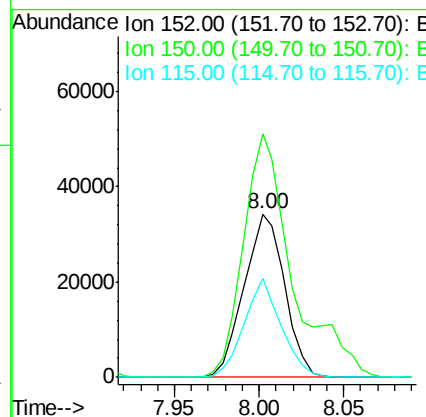
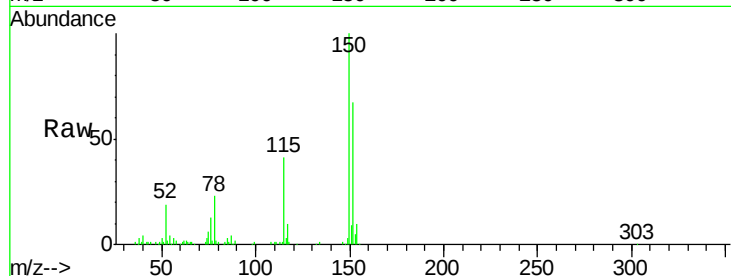
PB85494BS

Manual Integrations
APPROVED

MMDadoda

9/15/2015 1:34:02 PM

Tgt Ion:	152	Resp:	56917
Ion Ratio	Lower	Upper	
152	100		
150	149.3	115.0	172.4
115	60.7	43.9	65.9



#2

1,4-Dioxane

Concen: 30.75 ng

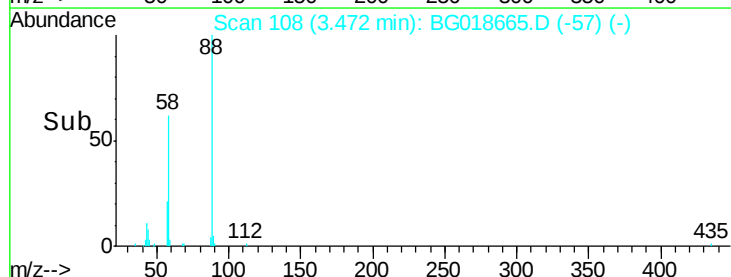
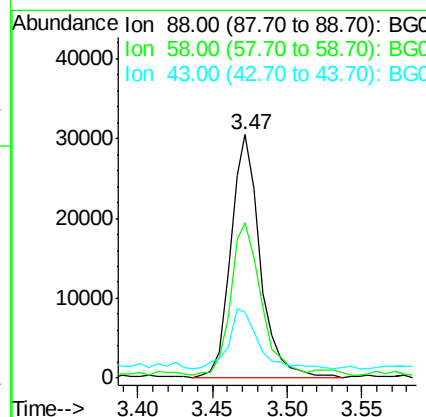
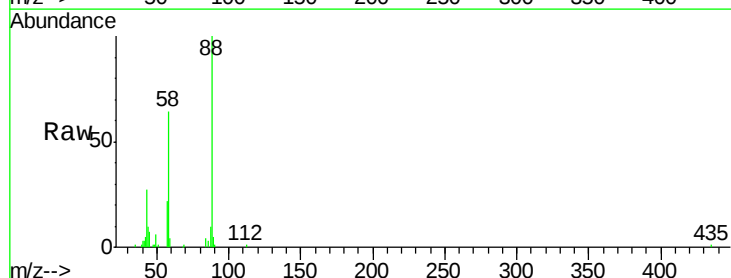
RT: 3.47 min Scan# 108

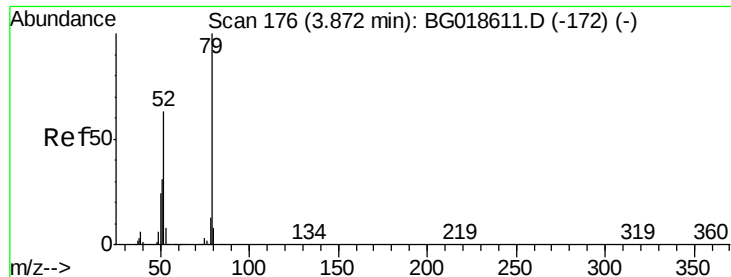
Delta R.T. -0.00 min

Lab File: BG018665.D

Acq: 14 Sep 2015 17:05

Tgt Ion:	88	Resp:	42353
Ion Ratio	Lower	Upper	
88	100		
58	63.5	0.0	0.0#
43	24.9	0.0	0.0#





#3

Pyridine

Concen: 30.75 ng

RT: 3.87 min Scan# 175

Delta R.T. -0.01 min

Lab File: BG018665.D

Acq: 14 Sep 2015 17:05

Instrument :

BNA_G

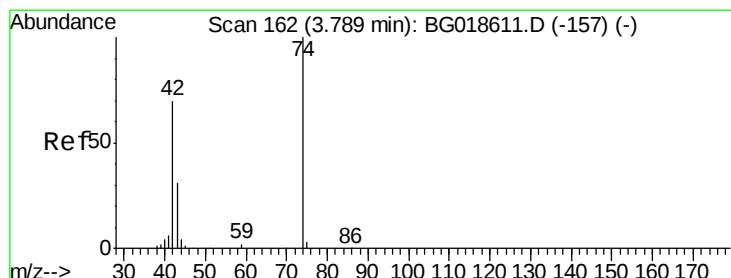
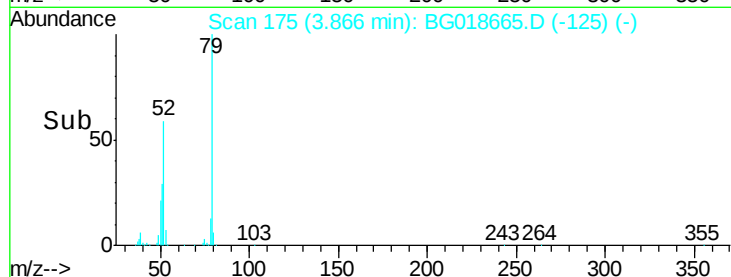
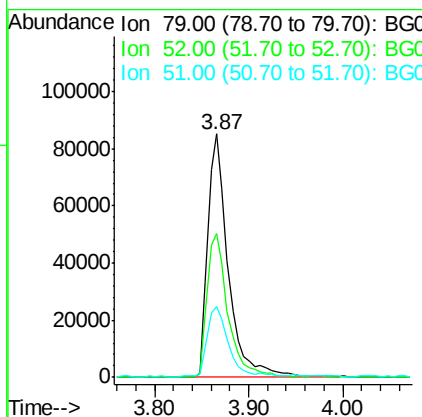
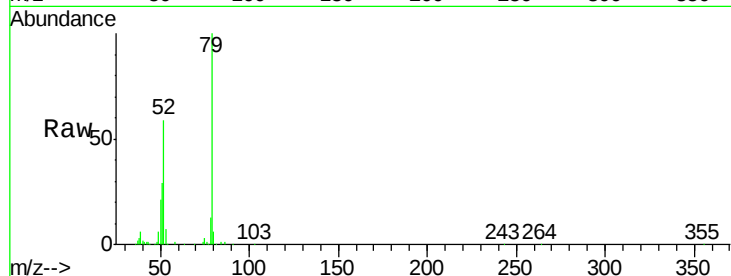
ClientSampleId :

PB85494BS

Manual Integrations
APPROVED

MMDadoda
9/15/2015 1:34:02 PM

Tgt Ion	Ratio	Lower	Upper
79	100		
52	59.2	50.3	75.5
51	29.1	24.8	37.2



#4

n-Nitrosodimethylamine

Concen: 33.64 ng

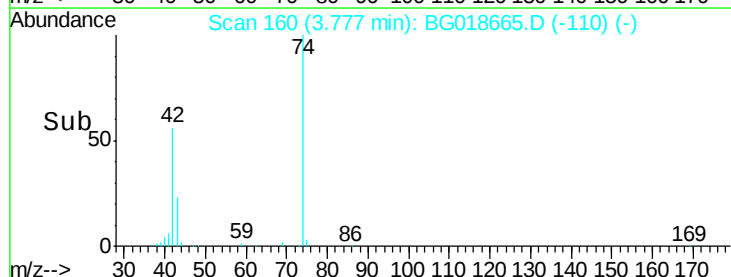
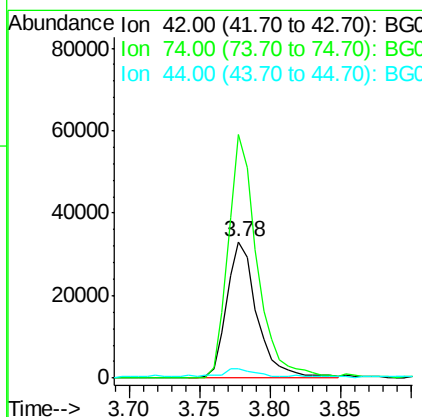
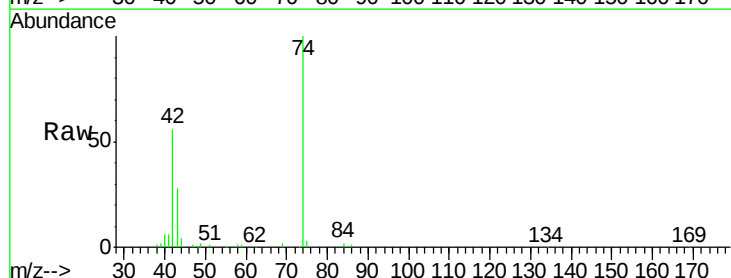
RT: 3.78 min Scan# 160

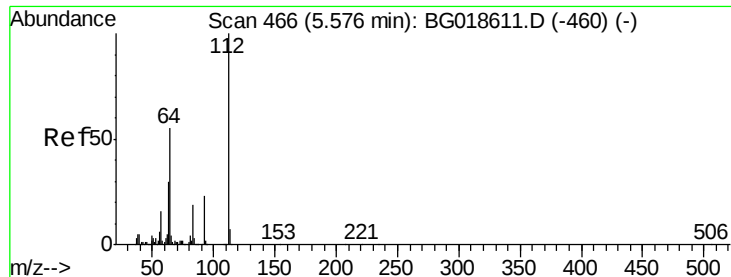
Delta R.T. -0.01 min

Lab File: BG018665.D

Acq: 14 Sep 2015 17:05

Tgt Ion	Ratio	Lower	Upper
42	100		
74	178.1	113.9	170.9#
44	7.1	5.7	8.5





#5

2-Fluorophenol

Concen: 89.31 ng

RT: 5.58 min Scan# 466

Delta R.T. -0.00 min

Lab File: BG018665.D

Acq: 14 Sep 2015 17:05

Instrument :

BNA_G

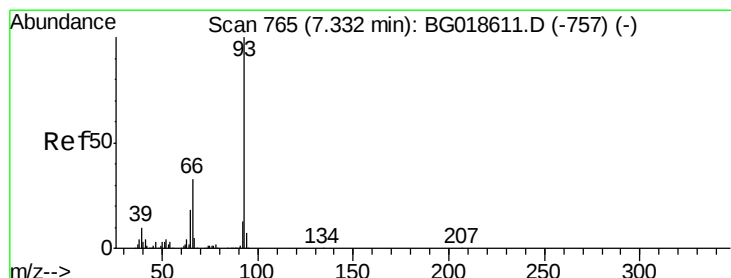
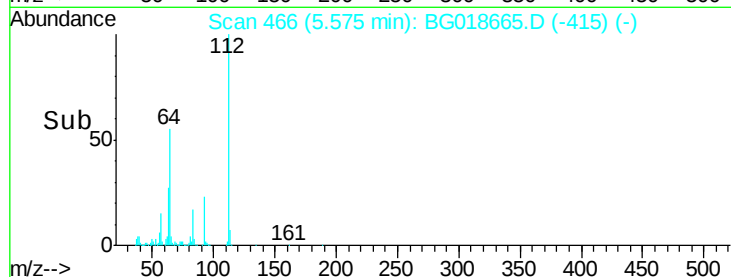
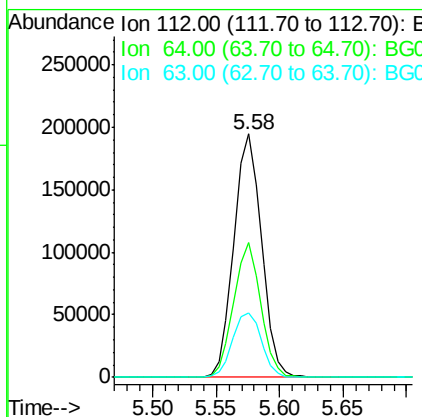
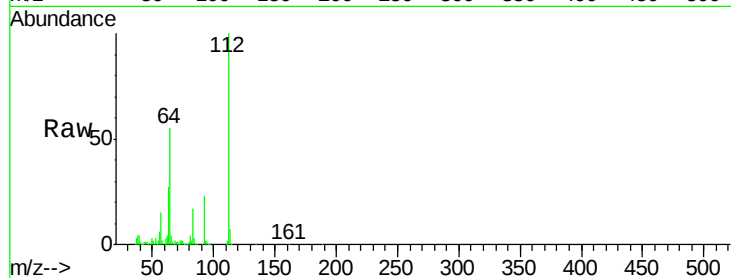
ClientSampleId :

PB85494BS

Manual Integrations
APPROVED

MMDadoda
9/15/2015 1:34:02 PM

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	294276		
64	55.3	43.7	65.5	
63	26.5	24.0	36.0	



#6

Aniline

Concen: 30.25 ng

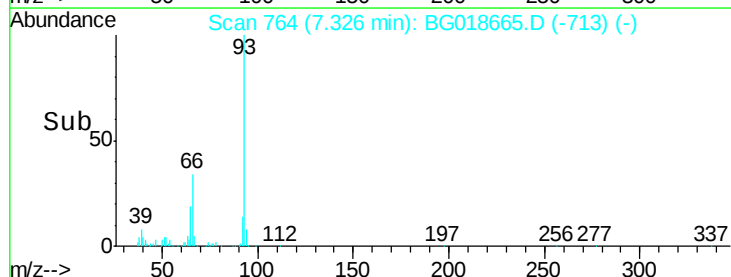
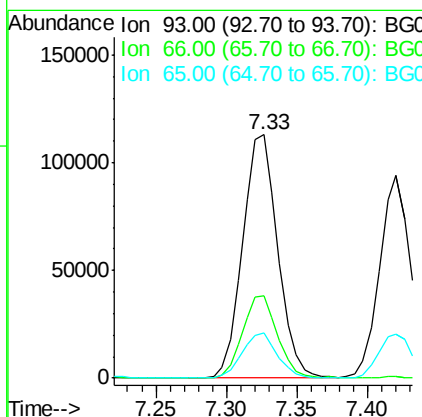
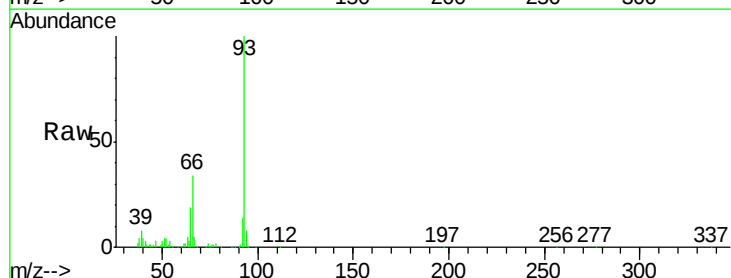
RT: 7.33 min Scan# 764

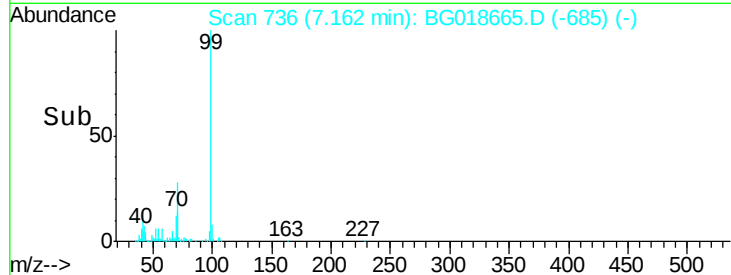
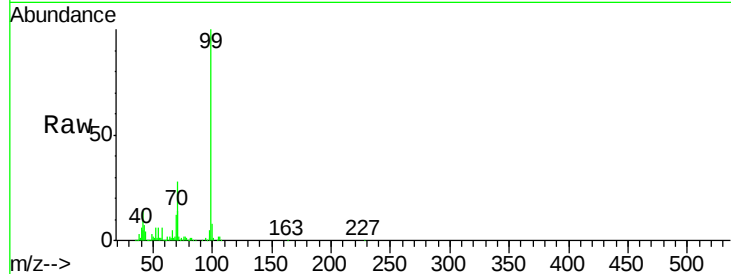
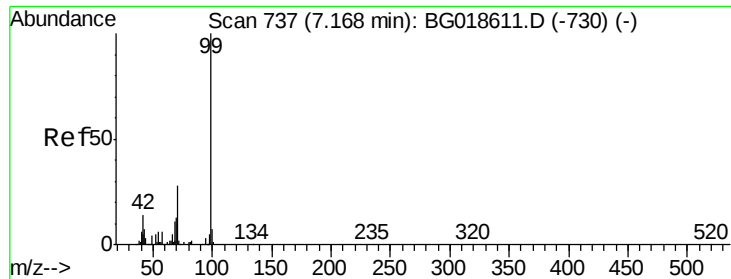
Delta R.T. -0.00 min

Lab File: BG018665.D

Acq: 14 Sep 2015 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	196956		
66	33.9	26.2	39.2	
65	18.6	14.0	21.0	





#7

Phenol-d6

Concen: 83.39 ng

RT: 7.16 min Scan# 736

Delta R.T. -0.00 min

Lab File: BG018665.D

Acq: 14 Sep 2015 17:05

Tgt Ion:	99	Resp:	393947
Ion	Ratio	Lower	Upper
99	100		
42	14.1	11.5	17.3
71	28.4	22.6	34.0

Instrument :

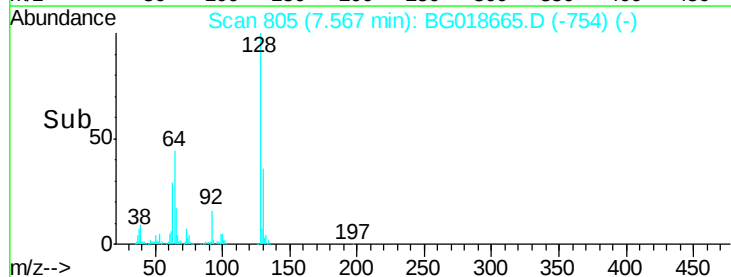
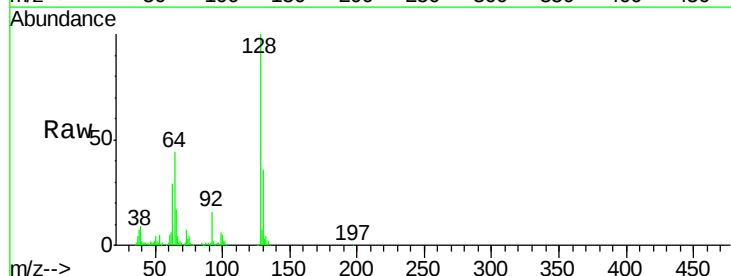
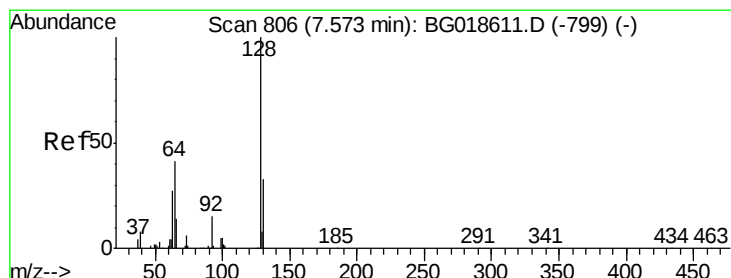
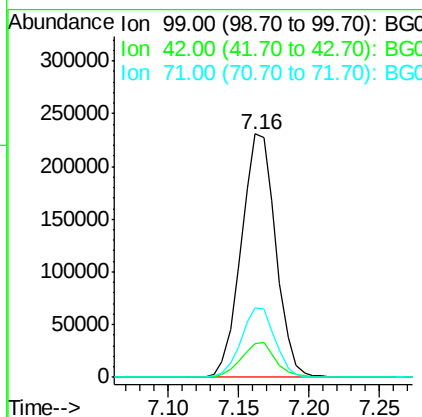
BNA_G

ClientSampleId :

PB85494BS

Manual Integrations
APPROVED

MMDadoda
9/15/2015 1:34:02 PM



#8

2-Chlorophenol

Concen: 40.90 ng

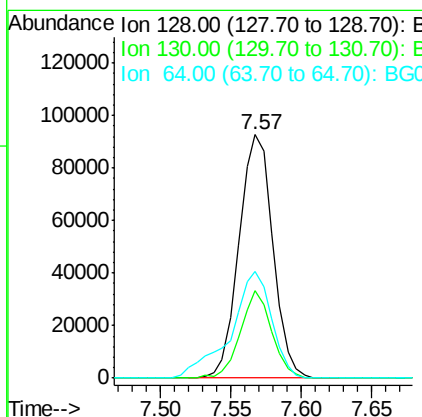
RT: 7.57 min Scan# 805

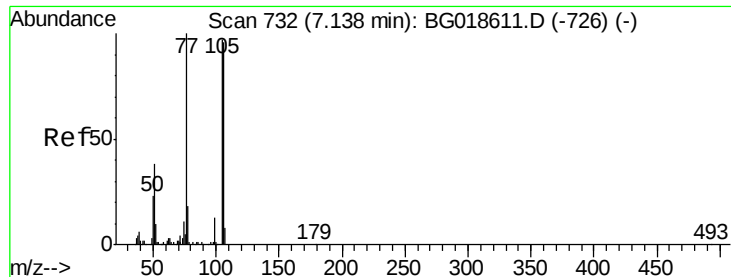
Delta R.T. -0.00 min

Lab File: BG018665.D

Acq: 14 Sep 2015 17:05

Tgt Ion:	128	Resp:	155613
Ion	Ratio	Lower	Upper
128	100		
130	35.7	13.0	53.0
64	43.9	28.2	68.2





#9

Benzaldehyde

Concen: 28.65 ng

RT: 7.14 min Scan# 732

Delta R.T. -0.00 min

Lab File: BG018665.D

Acq: 14 Sep 2015 17:05

Instrument :

BNA_G

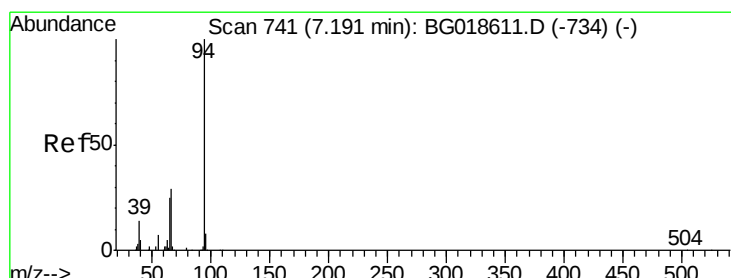
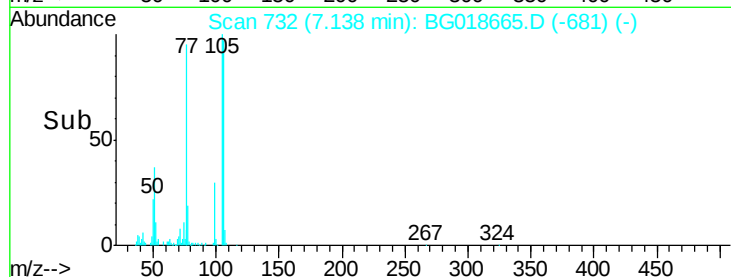
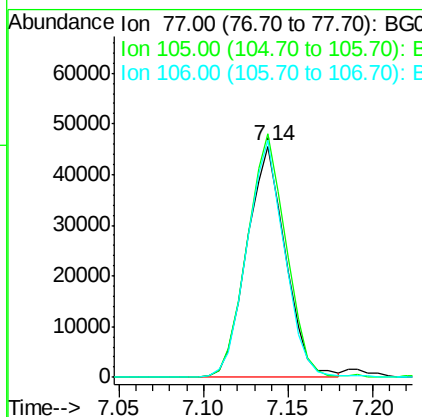
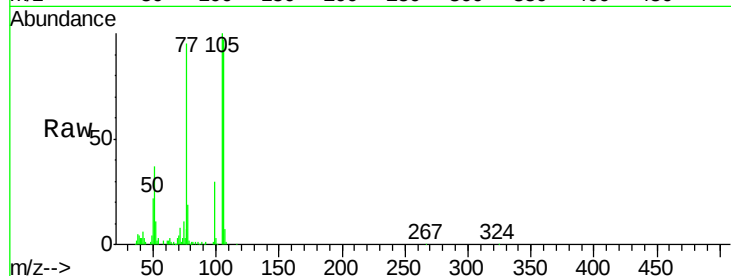
ClientSampleId :

PB85494BS

Manual Integrations
APPROVED

MMDadoda
9/15/2015 1:34:02 PM

Tgt Ion	Ratio	Lower	Upper
77	100		
105	105.2	77.7	117.7
106	102.4	75.8	115.8



#10

Phenol

Concen: 41.31 ng

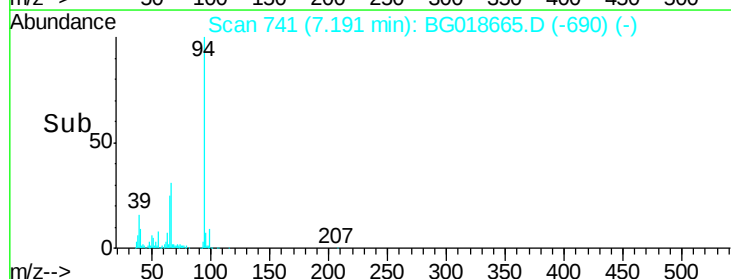
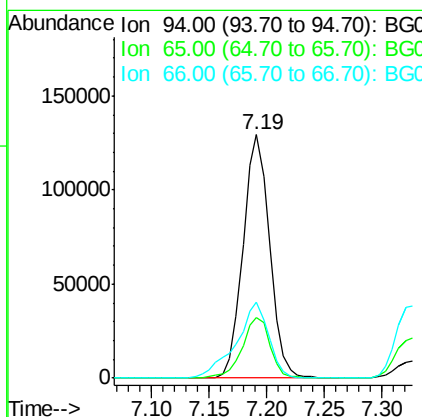
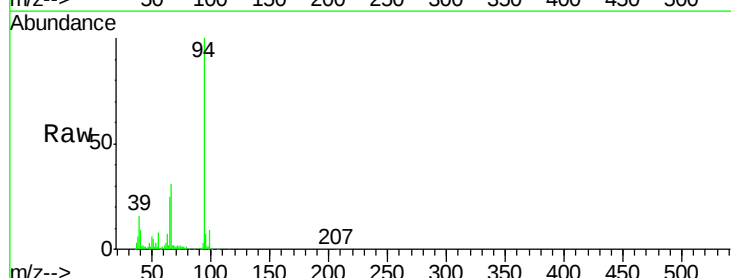
RT: 7.19 min Scan# 741

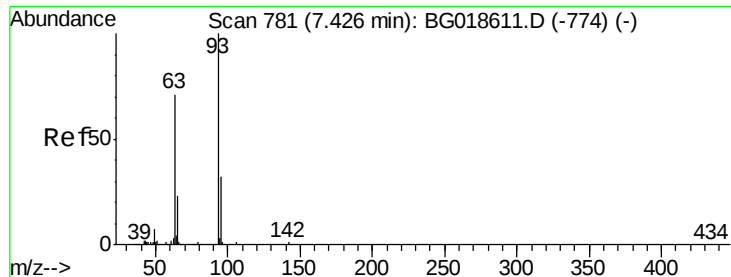
Delta R.T. -0.00 min

Lab File: BG018665.D

Acq: 14 Sep 2015 17:05

Tgt Ion	Ratio	Lower	Upper
94	100		
65	24.8	5.4	45.4
66	31.3	11.8	51.8





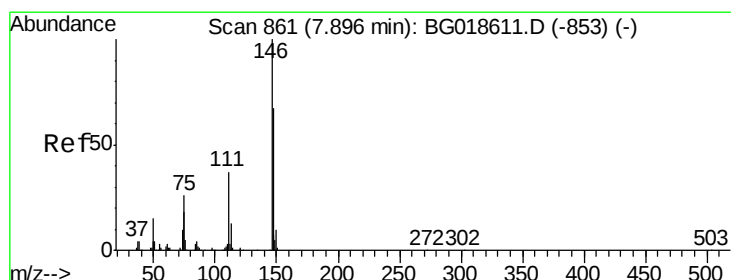
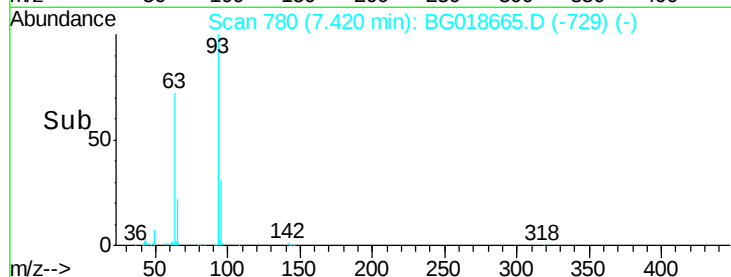
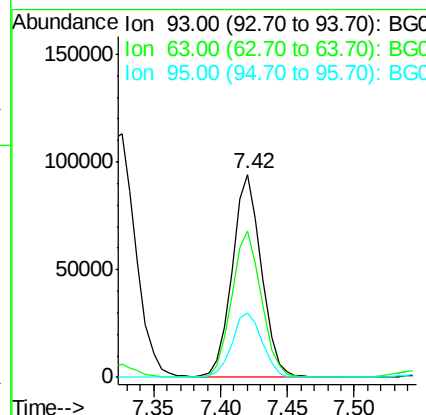
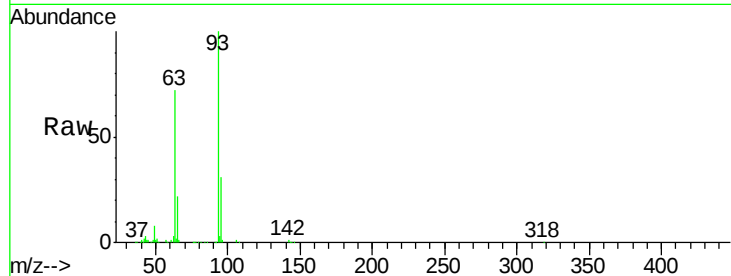
#11
bis(2-Chloroethyl)ether
Concen: 37.15 ng
RT: 7.42 min Scan# 780
Delta R.T. -0.00 min
Lab File: BG018665.D
Acq: 14 Sep 2015 17:05

Instrument :
BNA_G
ClientSampleId :
PB85494BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	143691		
63	72.1	50.5	90.5	
95	31.4	12.2	52.2	

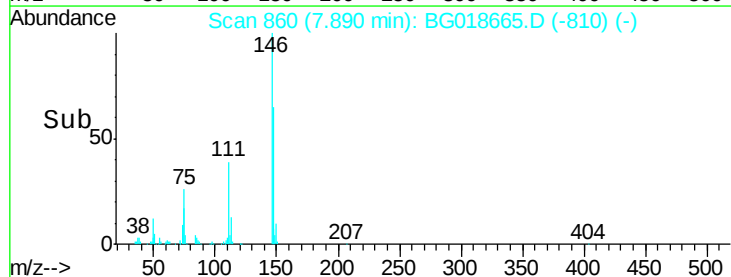
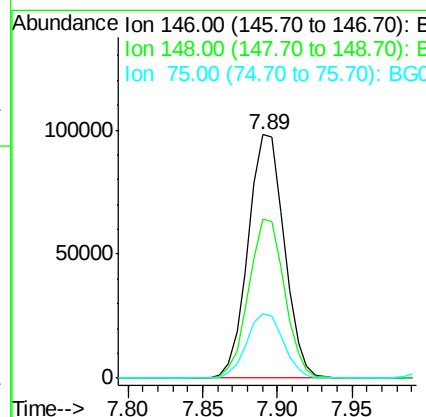
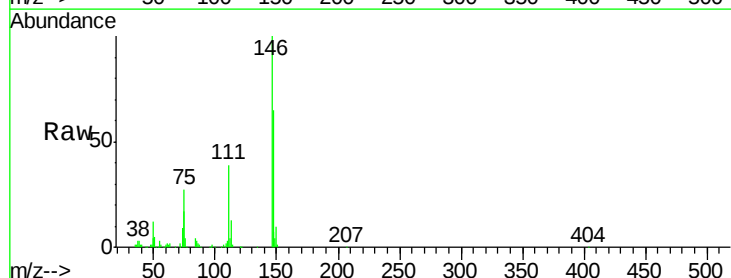
Manual Integrations
APPROVED

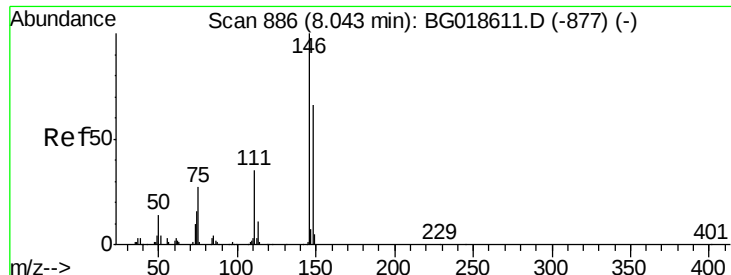
MMDadoda
9/15/2015 1:34:02 PM



#12
1,3-Dichlorobenzene
Concen: 37.03 ng
RT: 7.89 min Scan# 860
Delta R.T. -0.01 min
Lab File: BG018665.D
Acq: 14 Sep 2015 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	163925		
148	65.4	53.4	80.0	
75	26.6	21.1	31.7	





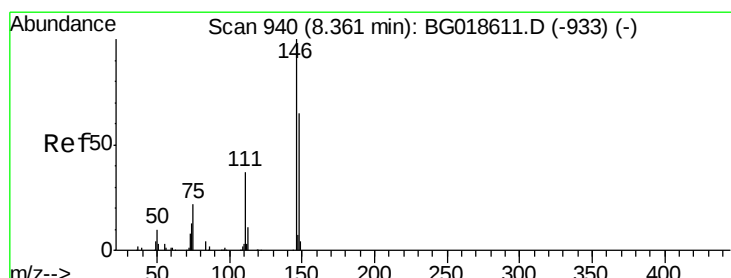
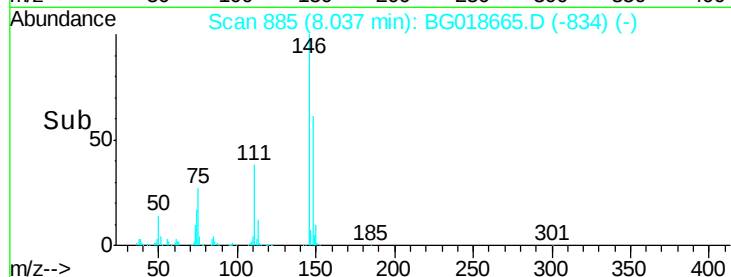
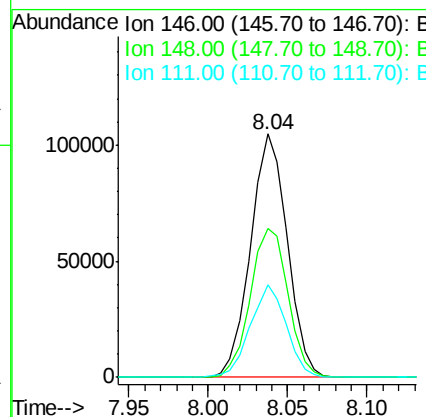
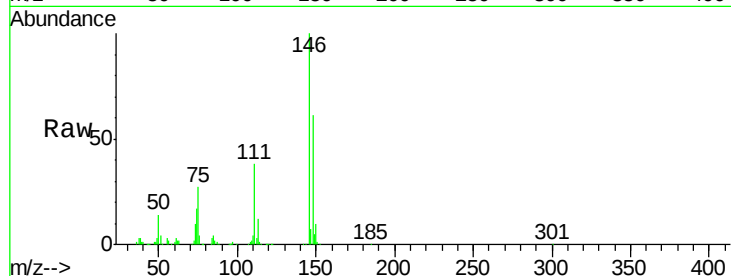
#13
 1,4-Dichlorobenzene
 Concen: 37.98 ng
 RT: 8.04 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BG018665.D
 Acq: 14 Sep 2015 17:05

Instrument :
 BNA_G
 ClientSampleId :
 PB85494BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.2	52.5	78.7
111	38.2	28.3	42.5

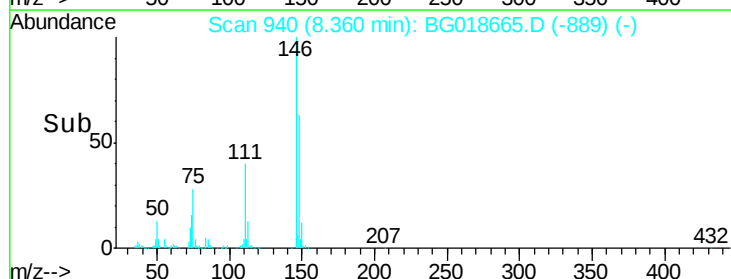
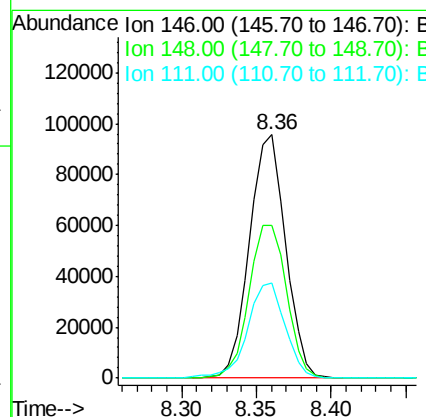
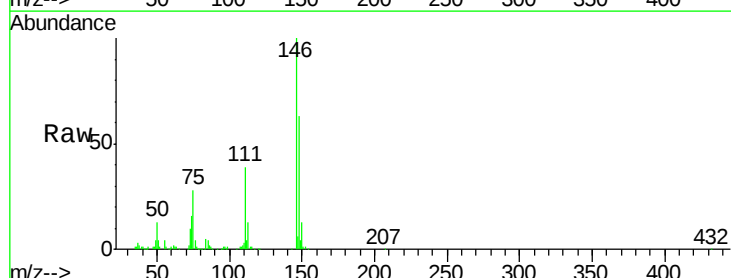
Manual Integrations
 APPROVED

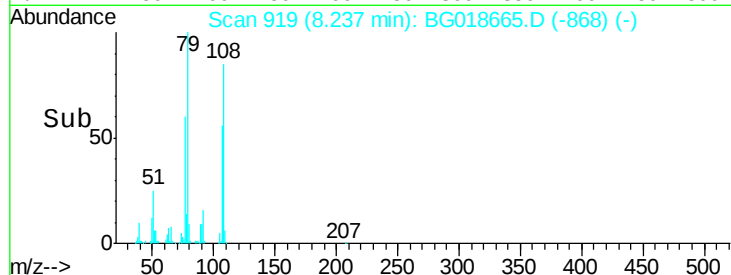
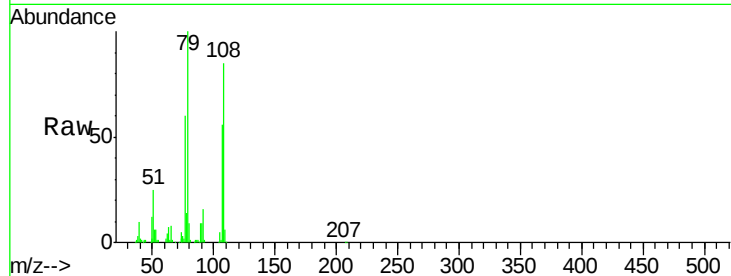
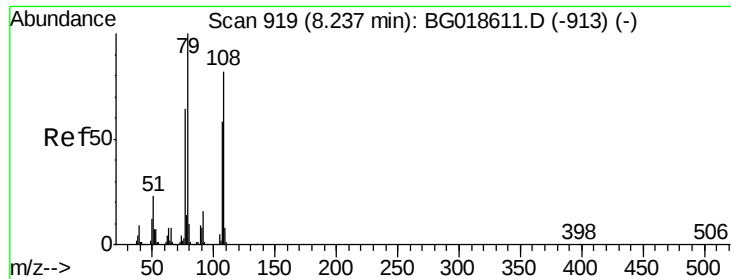
MMDadoda
 9/15/2015 1:34:02 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.76 ng
 RT: 8.36 min Scan# 940
 Delta R.T. -0.00 min
 Lab File: BG018665.D
 Acq: 14 Sep 2015 17:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	52.5	78.7
111	39.0	29.9	44.9





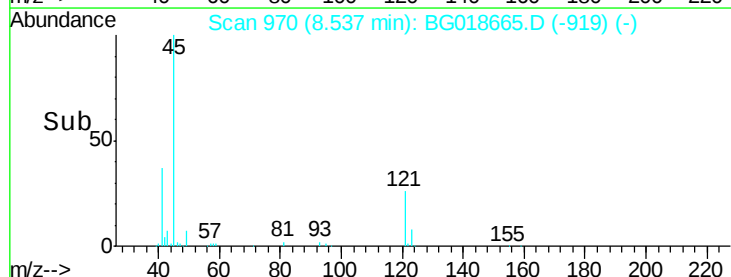
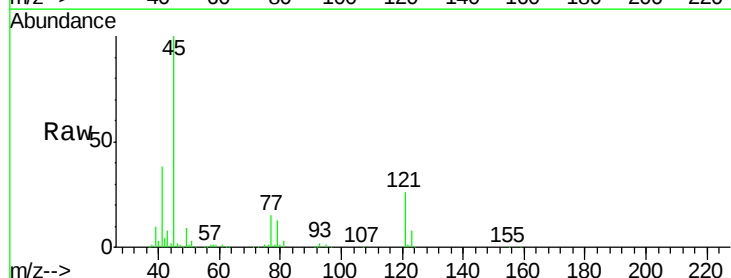
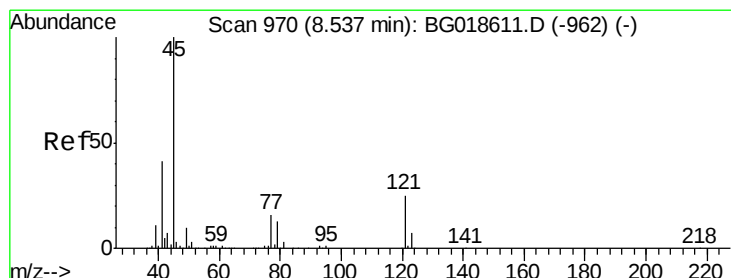
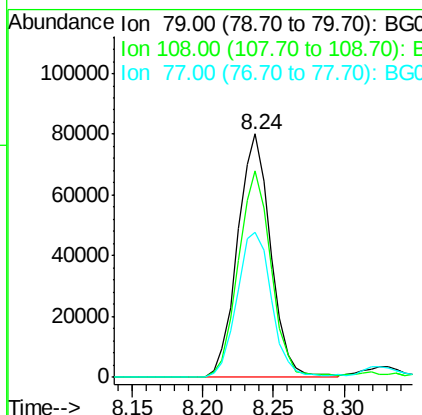
#15
Benzyl Alcohol
Concen: 38.58 ng
RT: 8.24 min Scan# 919
Delta R.T. -0.00 min
Lab File: BG018665.D
Acq: 14 Sep 2015 17:05

Tgt Ion	Ratio	Lower	Upper
79	100		
108	84.6	65.5	98.3
77	59.6	51.3	76.9

Instrument :
BNA_G
ClientSampleId :
PB85494BS

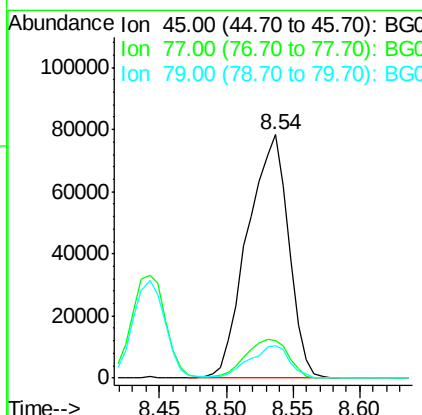
Manual Integrations
APPROVED

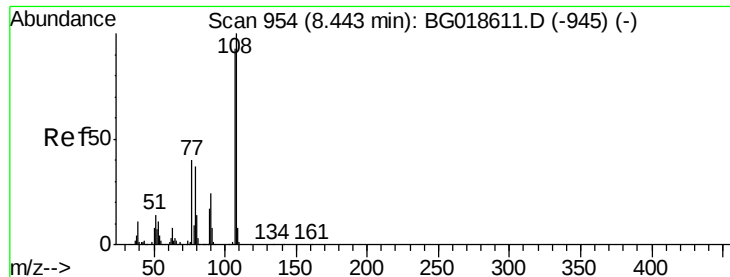
MMDadoda
9/15/2015 1:34:02 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.01 ng
RT: 8.54 min Scan# 970
Delta R.T. -0.00 min
Lab File: BG018665.D
Acq: 14 Sep 2015 17:05

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.4	0.0	37.0
79	13.2	0.0	33.8





#17

2-Methylphenol

Concen: 39.91 ng

RT: 8.44 min Scan# 954

Delta R.T. -0.00 min

Lab File: BG018665.D

Acq: 14 Sep 2015 17:05

Instrument :

BNA_G

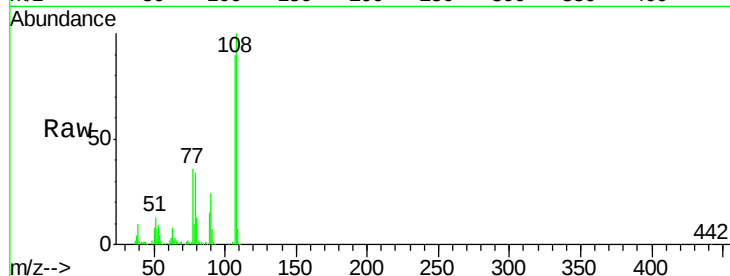
ClientSampleId :

PB85494BS

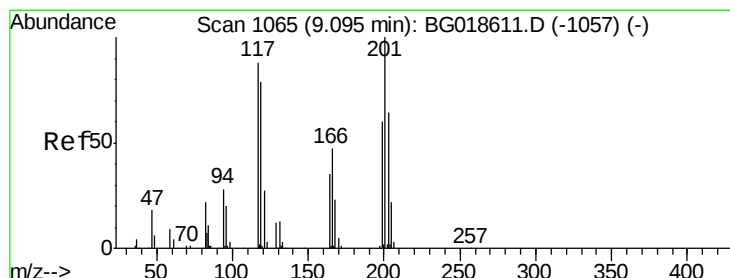
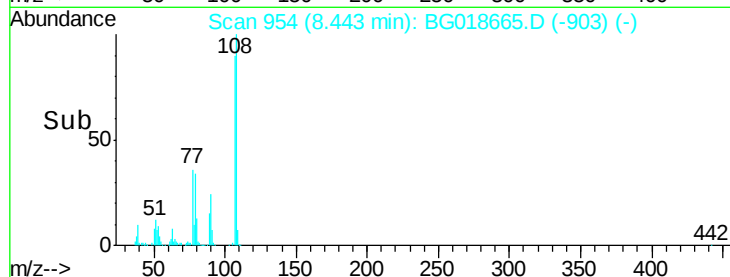
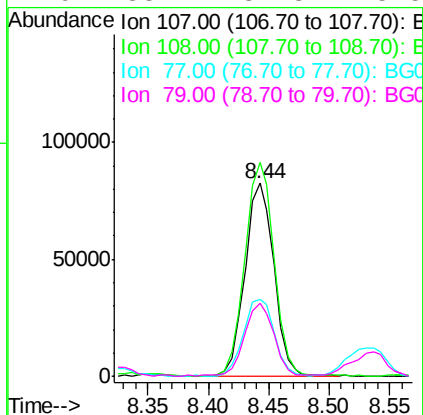
Manual Integrations
APPROVED

MMDadoda

9/15/2015 1:34:02 PM



Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.7	86.5	129.7	
77	40.0	34.6	51.8	
79	38.1	32.3	48.5	



#18

Hexachloroethane

Concen: 36.04 ng

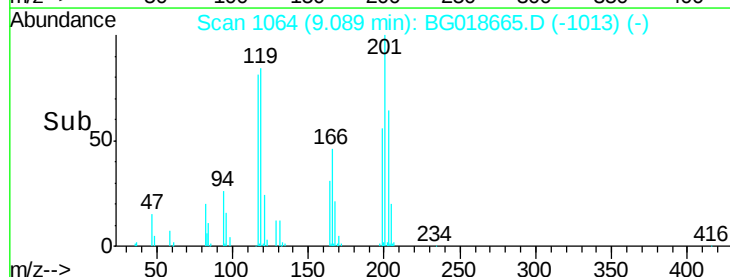
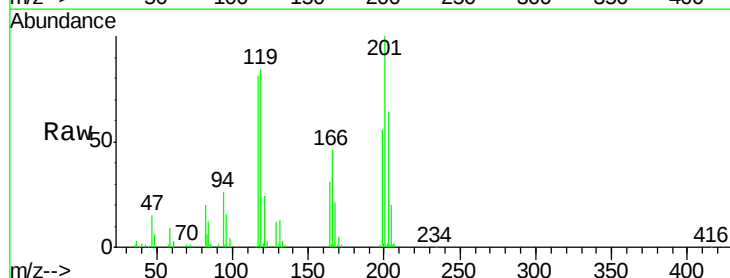
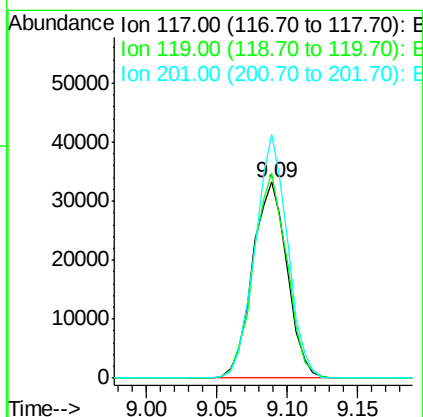
RT: 9.09 min Scan# 1064

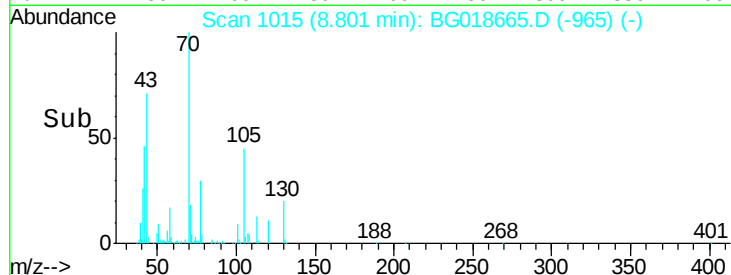
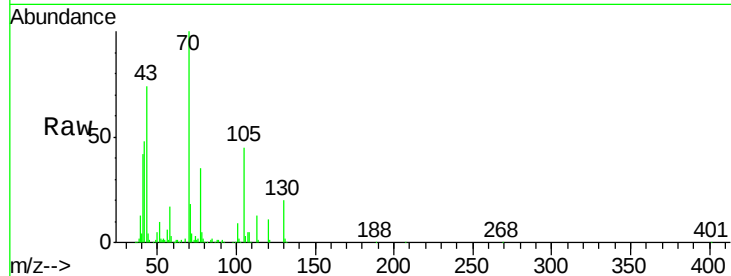
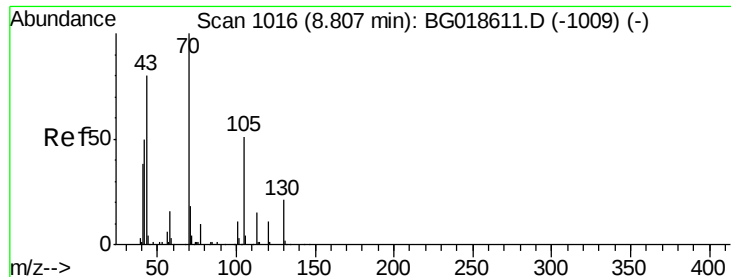
Delta R.T. -0.00 min

Lab File: BG018665.D

Acq: 14 Sep 2015 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	104.7	71.7	107.5	
201	126.9	90.9	136.3	





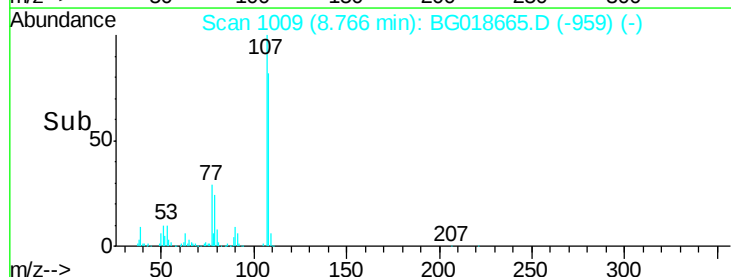
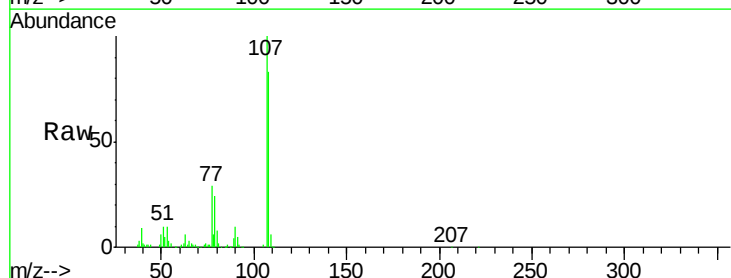
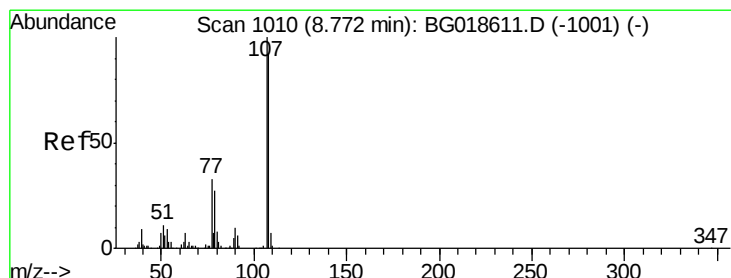
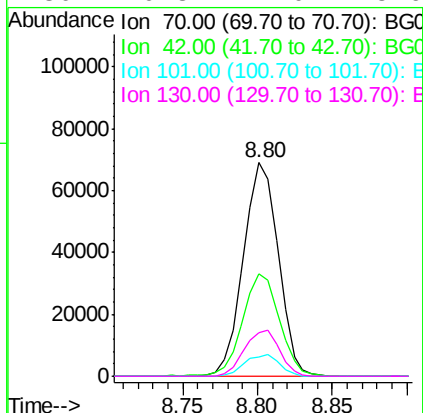
#19
n-Nitroso-di-n-propylamine
Concen: 33.71 ng
RT: 8.80 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG018665.D
Acq: 14 Sep 2015 17:05

Instrument :
BNA_G
ClientSampleId :
PB85494BS

Manual Integrations
APPROVED

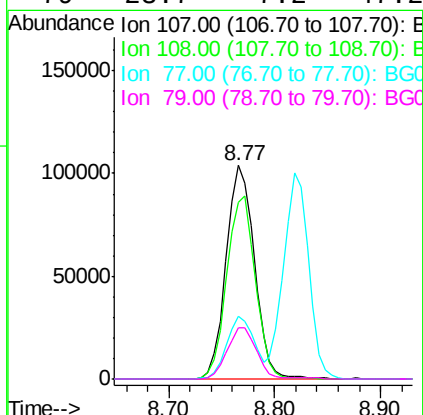
MMDadoda
9/15/2015 1:34:02 PM

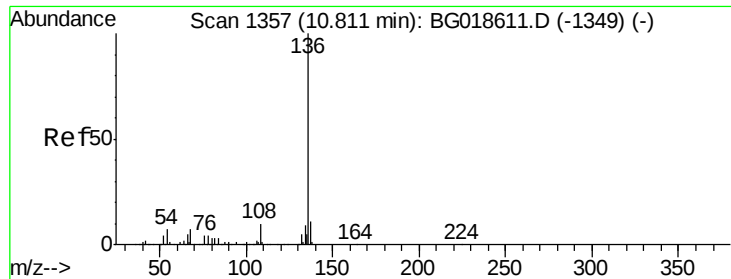
Tgt Ion	Ratio	Lower	Upper
70	100		
42	48.2	40.6	60.8
101	8.8	8.6	13.0
130	20.3	17.0	25.6



#20
3+4-Methylphenols
Concen: 39.51 ng
RT: 8.77 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BG018665.D
Acq: 14 Sep 2015 17:05

Tgt Ion	Ratio	Lower	Upper
107	100		
108	82.6	72.2	112.2
77	29.4	13.4	53.4
79	23.7	7.2	47.2





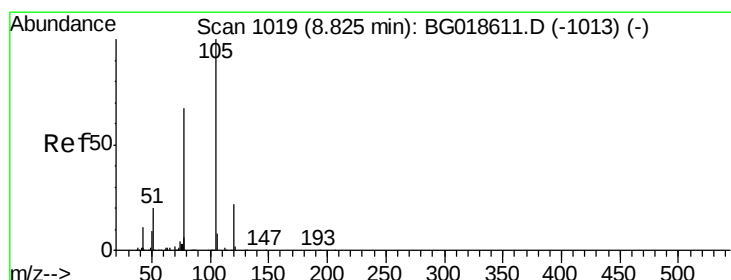
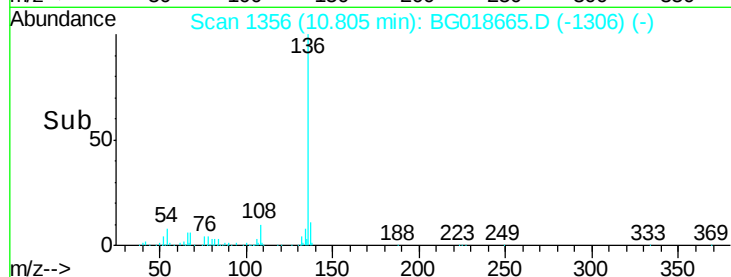
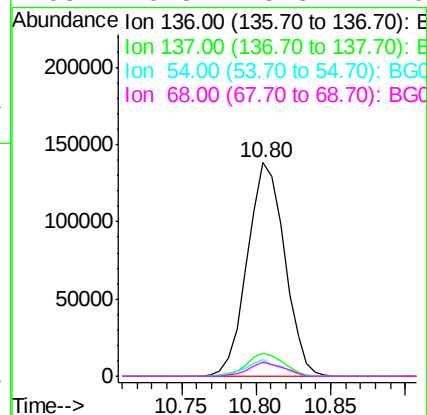
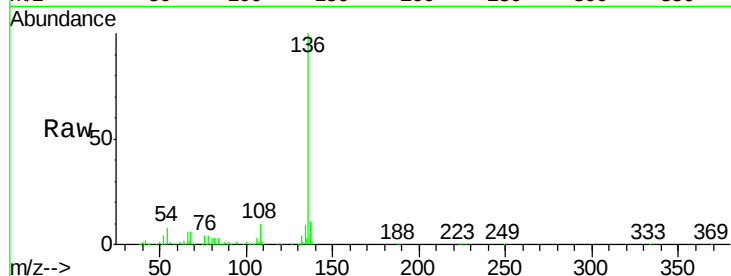
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.80 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BG018665.D
Acq: 14 Sep 2015 17:05

Instrument :
BNA_G
ClientSampleId :
PB85494BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	238840		
137	10.8	8.6	12.8	
54	7.6	5.4	8.2	
68	6.3	5.3	7.9	

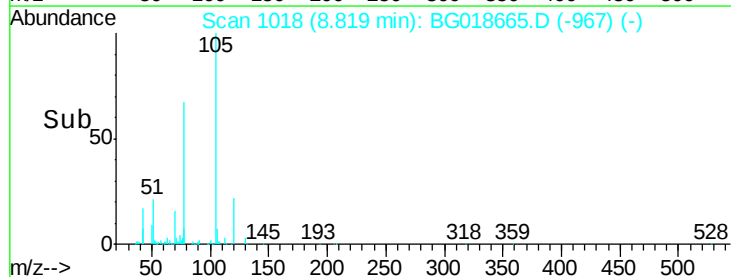
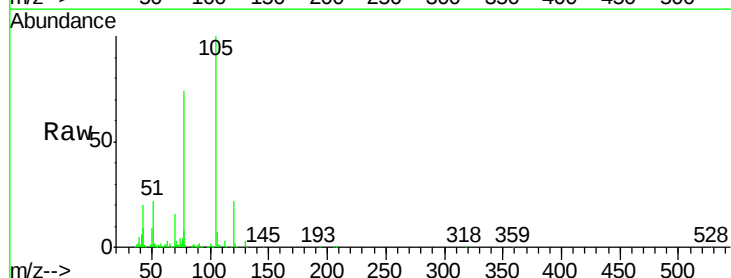
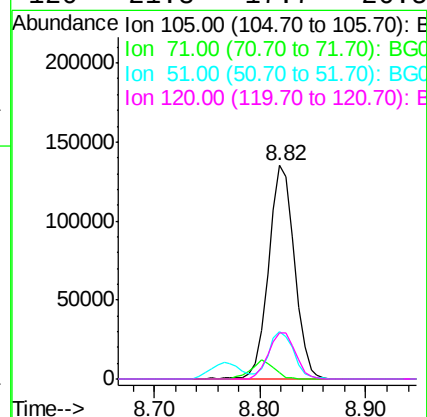
Manual Integrations
APPROVED

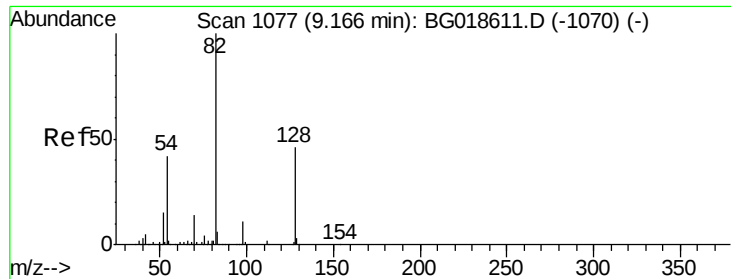
MMDadoda
9/15/2015 1:34:02 PM



#22
Acetophenone
Concen: 37.83 ng
RT: 8.82 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BG018665.D
Acq: 14 Sep 2015 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	228906		
71	2.9	2.1	3.1	
51	22.3	17.8	26.8	
120	21.8	17.7	26.5	





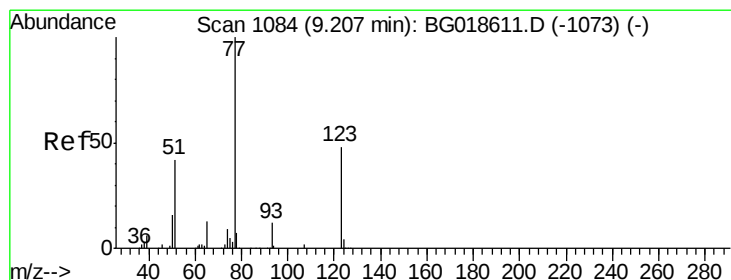
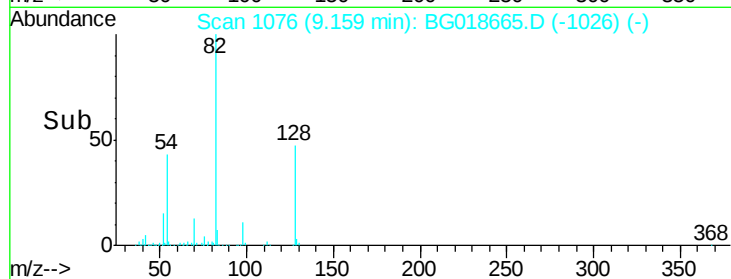
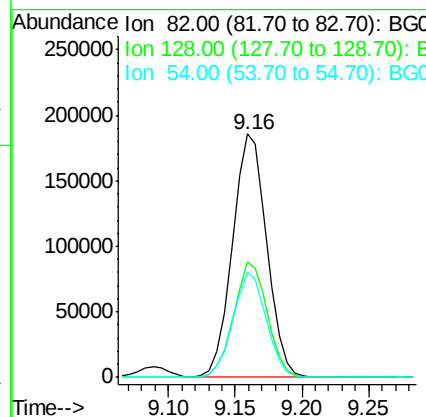
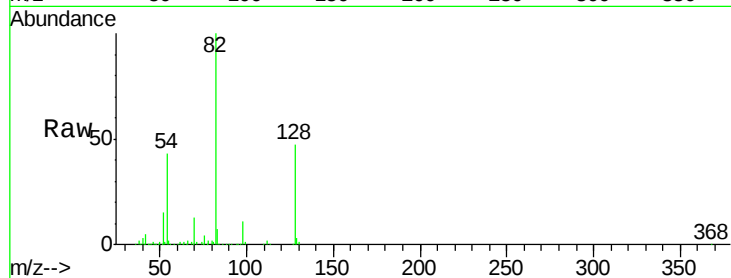
#23
Nitrobenzene-d5
Concen: 77.76 ng
RT: 9.16 min Scan# 1076
Delta R.T. -0.01 min
Lab File: BG018665.D
Acq: 14 Sep 2015 17:05

Instrument :
BNA_G
ClientSampleId :
PB85494BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	331888		
128	47.4	36.7	55.1	
54	43.0	33.8	50.8	

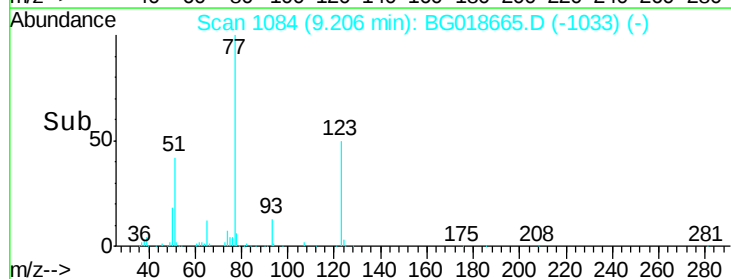
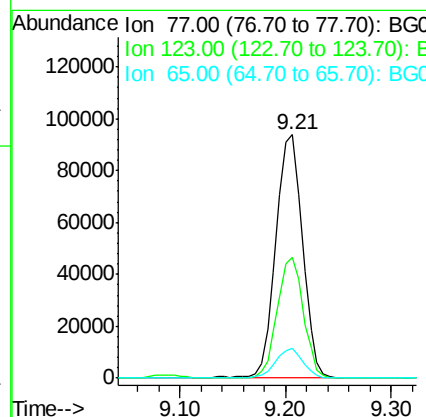
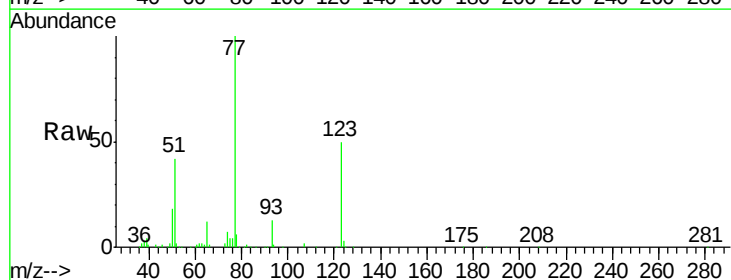
Manual Integrations
APPROVED

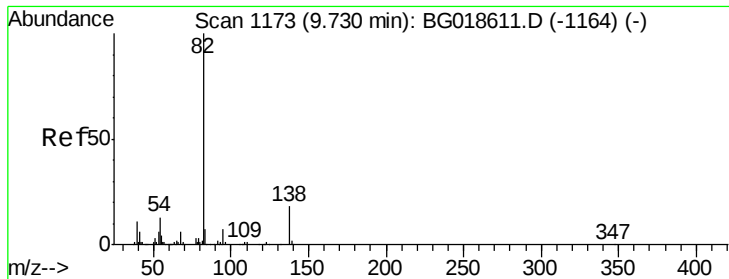
MMDadoda
9/15/2015 1:34:02 PM



#24
Nitrobenzene
Concen: 36.18 ng
RT: 9.21 min Scan# 1084
Delta R.T. -0.00 min
Lab File: BG018665.D
Acq: 14 Sep 2015 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	163971		
123	49.5	38.2	57.2	
65	12.4	10.6	16.0	





#25

Isophorone

Concen: 34.20 ng

RT: 9.72 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BG018665.D

Acq: 14 Sep 2015 17:05

Instrument :

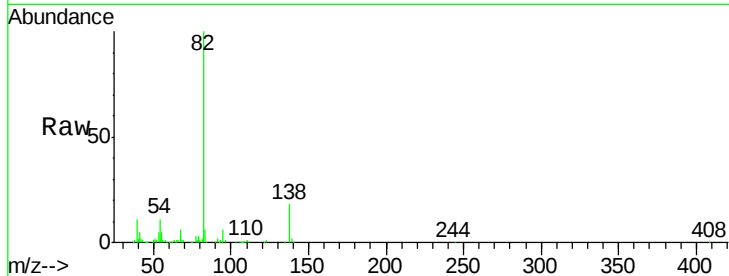
BNA_G

ClientSampleId :

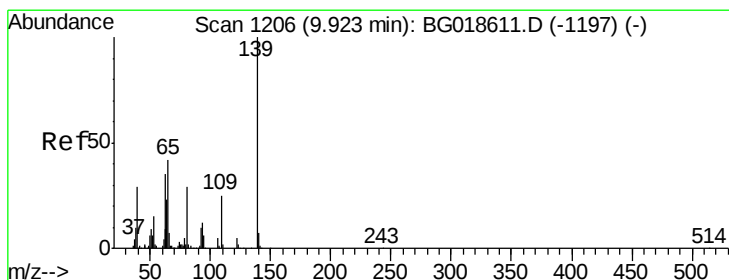
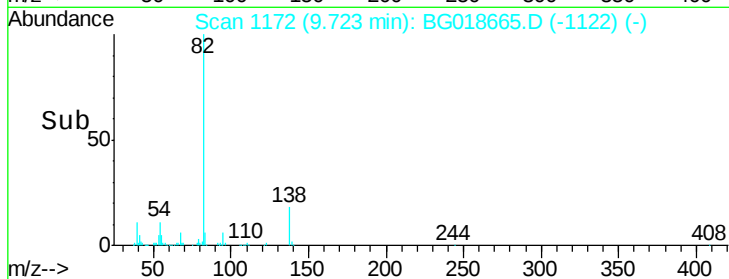
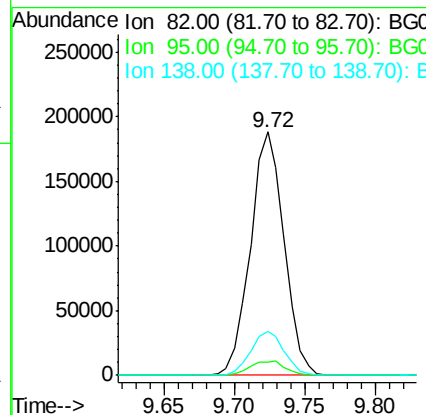
PB85494BS

Manual Integrations
APPROVED

MMDadoda
9/15/2015 1:34:02 PM



Tgt Ion	82	95	138
Ratio	100	5.7	18.1
Resp	313966	5.2	14.4
Lower		5.2	14.4
Upper		7.8	21.6



#26

2-Nitrophenol

Concen: 37.62 ng

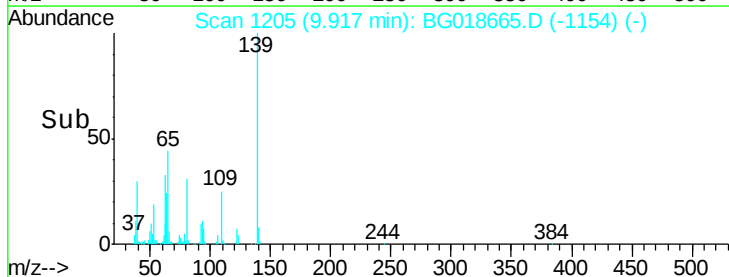
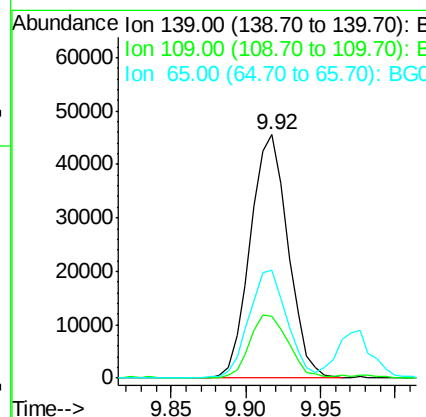
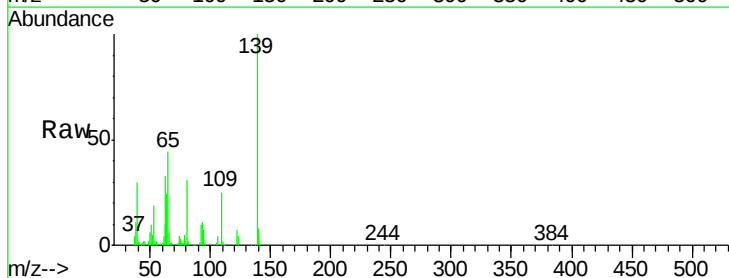
RT: 9.92 min Scan# 1205

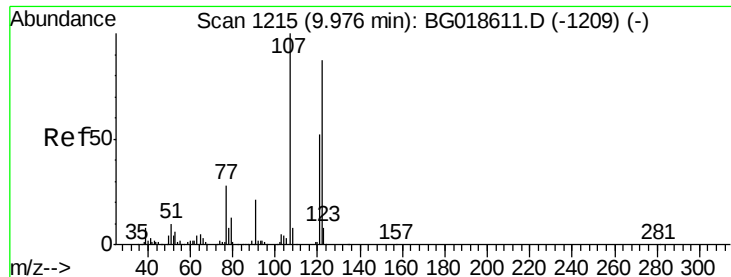
Delta R.T. -0.00 min

Lab File: BG018665.D

Acq: 14 Sep 2015 17:05

Tgt Ion	139	109	65
Ratio	100	25.3	44.3
Resp	79550	20.1	34.1
Lower		20.1	34.1
Upper		30.1	51.1





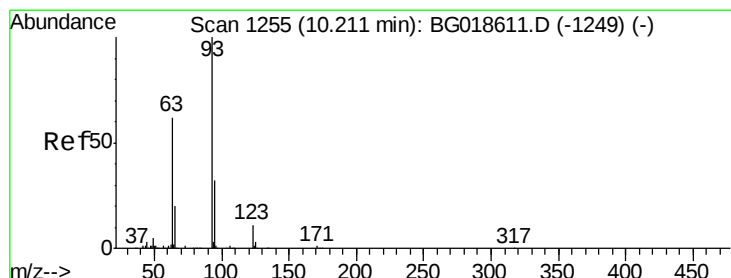
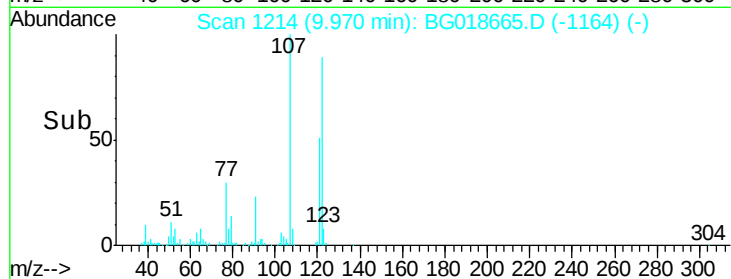
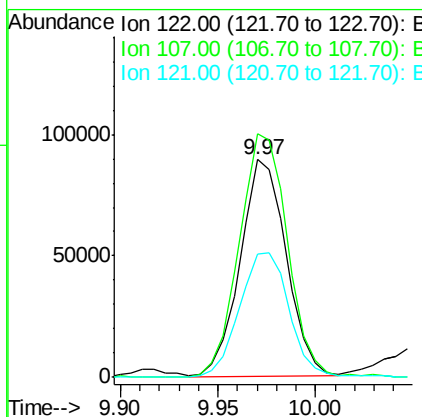
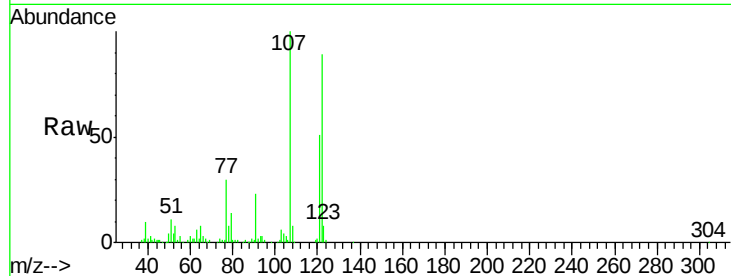
#27
 2,4-Dimethylphenol
 Concen: 38.23 ng
 RT: 9.97 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BG018665.D
 Acq: 14 Sep 2015 17:05

Instrument :
 BNA_G
 ClientSampleId :
 PB85494BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	146809		
107	111.8	91.6	137.4	
121	56.5	47.3	70.9	

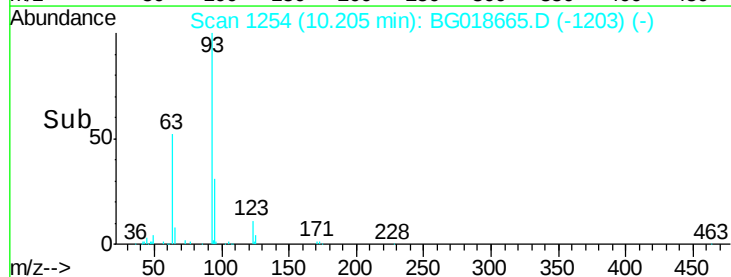
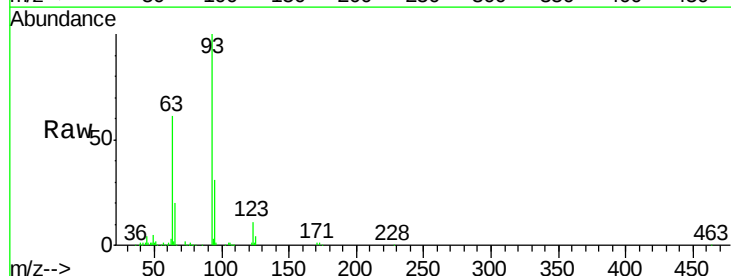
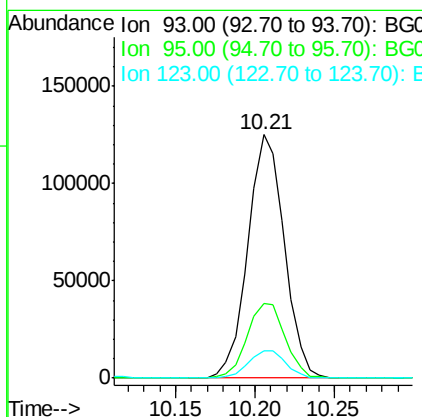
Manual Integrations
 APPROVED

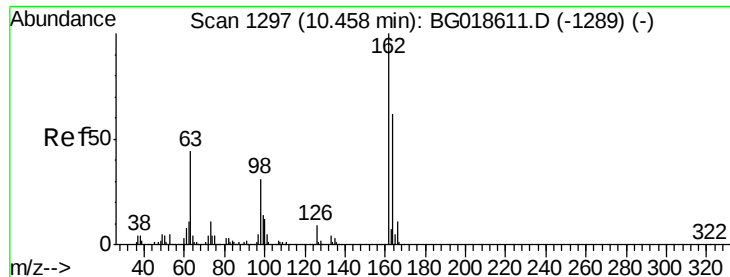
MMDadoda
 9/15/2015 1:34:02 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.97 ng
 RT: 10.21 min Scan# 1254
 Delta R.T. -0.00 min
 Lab File: BG018665.D
 Acq: 14 Sep 2015 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	200157		
95	30.7	25.7	38.5	
123	11.3	8.6	12.8	





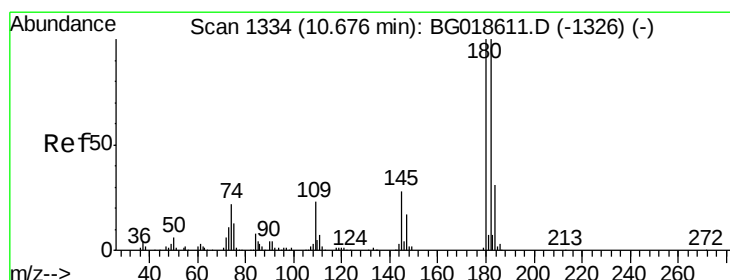
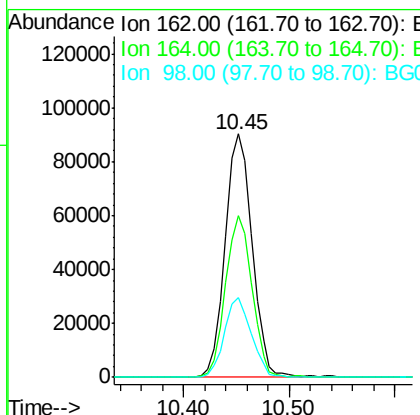
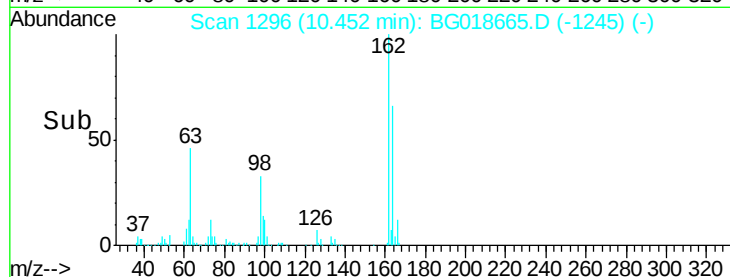
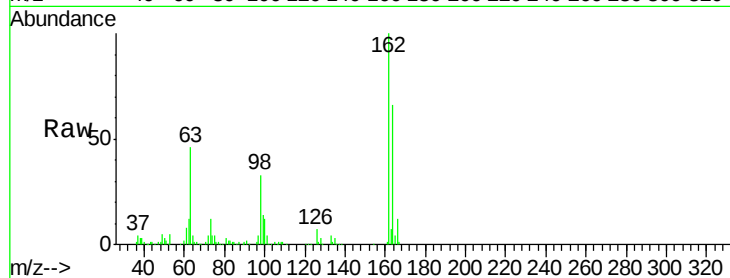
#29
2,4-Dichlorophenol
Concen: 41.17 ng
RT: 10.45 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG018665.D
Acq: 14 Sep 2015 17:05

Instrument :
BNA_G
ClientSampleId :
PB85494BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	66.5	42.3	82.3
98	32.7	11.5	51.5

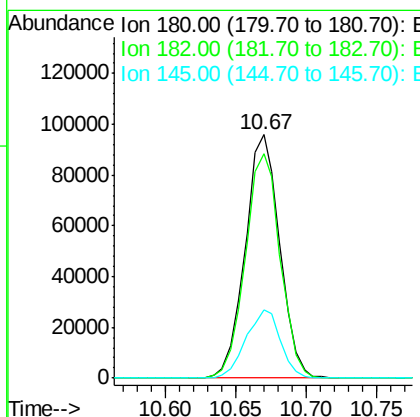
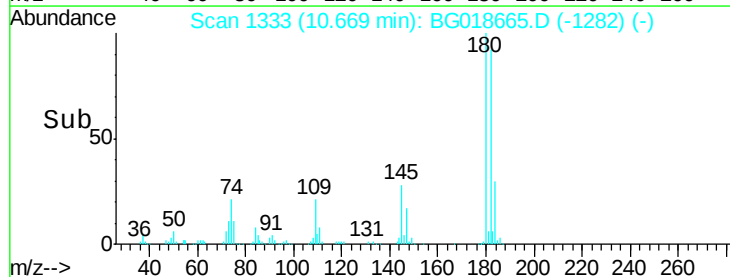
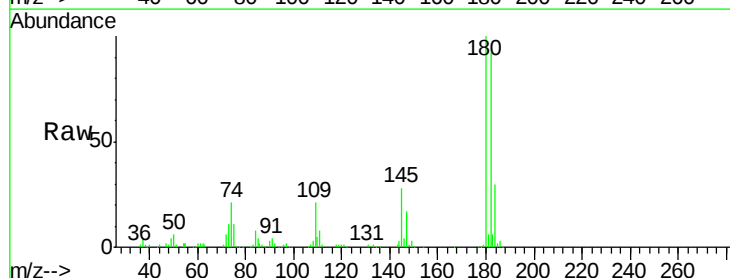
Manual Integrations
APPROVED

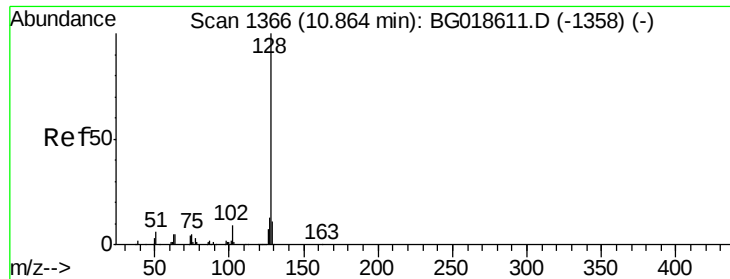
MMDadoda
9/15/2015 1:34:02 PM



#30
1,2,4-Trichlorobenzene
Concen: 38.17 ng
RT: 10.67 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BG018665.D
Acq: 14 Sep 2015 17:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	92.2	79.7	119.5
145	28.1	22.0	33.0





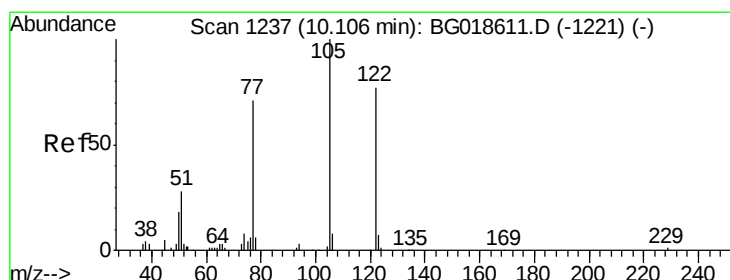
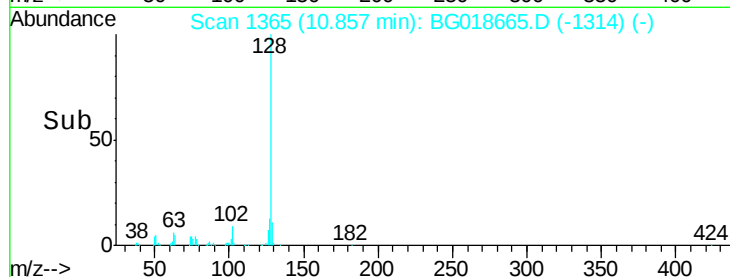
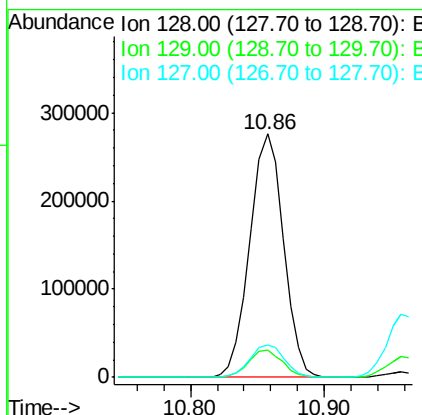
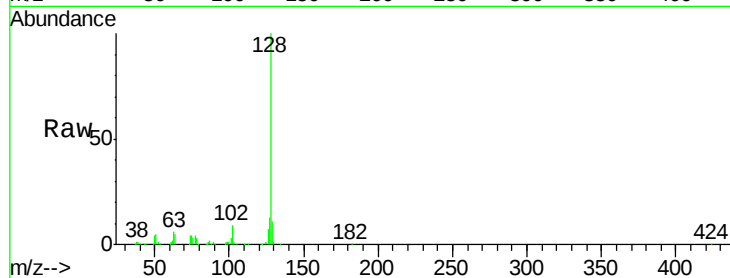
#31
Naphthalene
Concen: 37.69 ng
RT: 10.86 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG018665.D
Acq: 14 Sep 2015 17:05

Instrument :
BNA_G
ClientSampleId :
PB85494BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	482108		
129	11.1	8.5	12.7	
127	13.3	10.6	16.0	

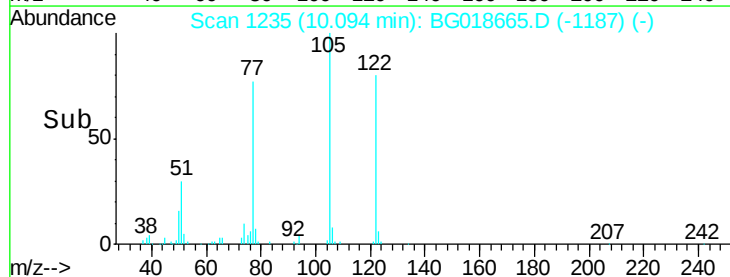
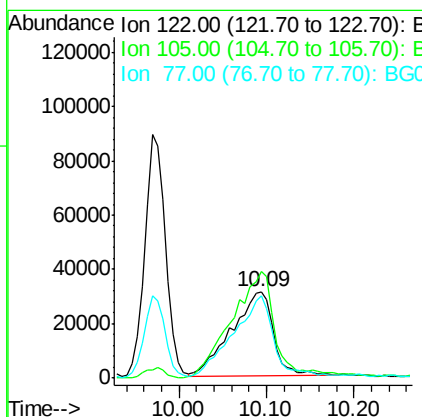
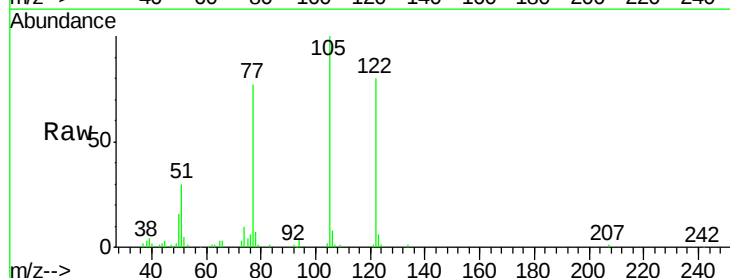
Manual Integrations
APPROVED

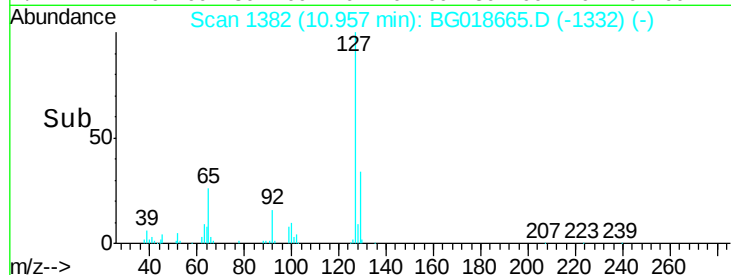
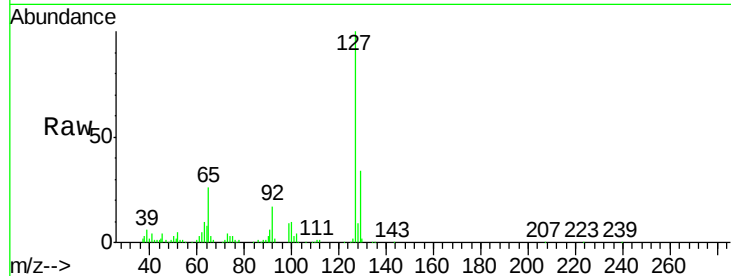
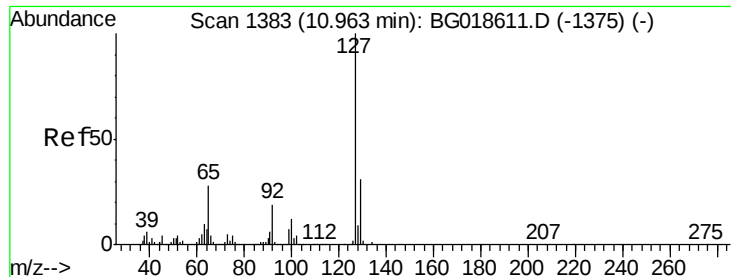
MMDadoda
9/15/2015 1:34:02 PM



#32
Benzoic acid
Concen: 34.45 ng
RT: 10.09 min Scan# 1235
Delta R.T. -0.02 min
Lab File: BG018665.D
Acq: 14 Sep 2015 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	101254		
105	124.5	103.8	143.8	
77	95.9	68.8	108.8	





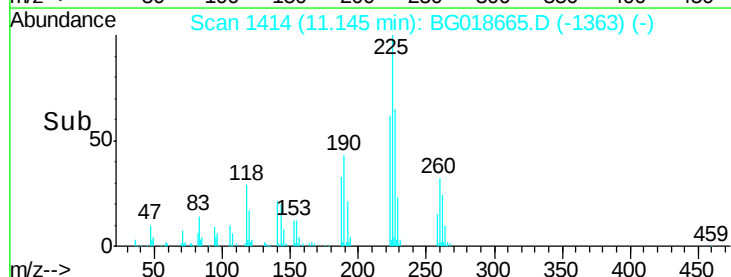
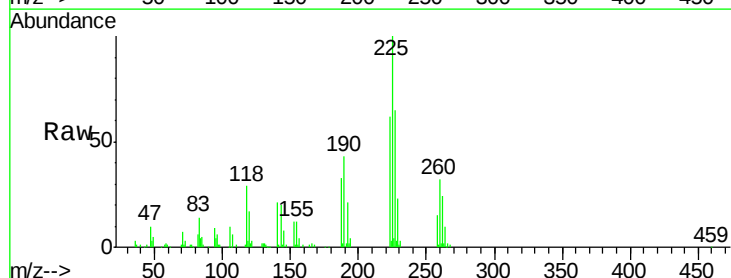
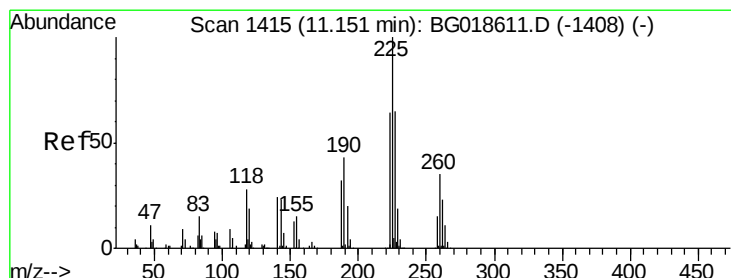
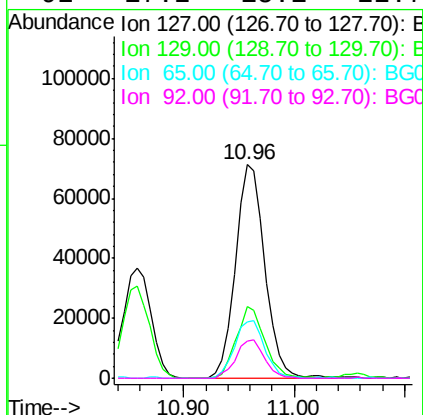
#33
4-Chloroaniline
Concen: 23.02 ng
RT: 10.96 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BG018665.D
Acq: 14 Sep 2015 17:05

Instrument :
BNA_G
ClientSampleId :
PB85494BS

Manual Integrations
APPROVED

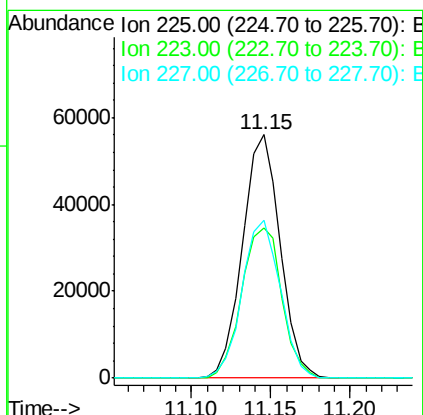
MMDadoda
9/15/2015 1:34:02 PM

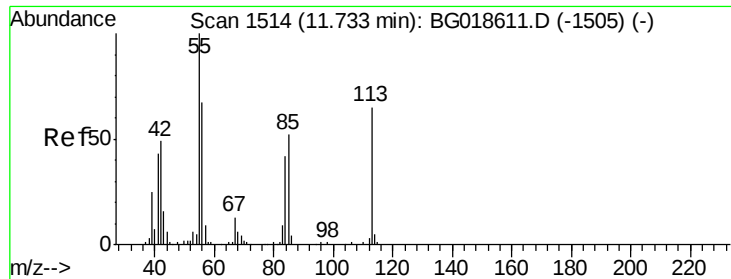
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	133214		
129	33.7	24.6	37.0	
65	26.2	22.6	33.8	
92	17.2	15.1	22.7	



#34
Hexachlorobutadiene
Concen: 36.46 ng
RT: 11.15 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BG018665.D
Acq: 14 Sep 2015 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	92434		
223	61.7	51.0	76.4	
227	67.6	51.8	77.8	





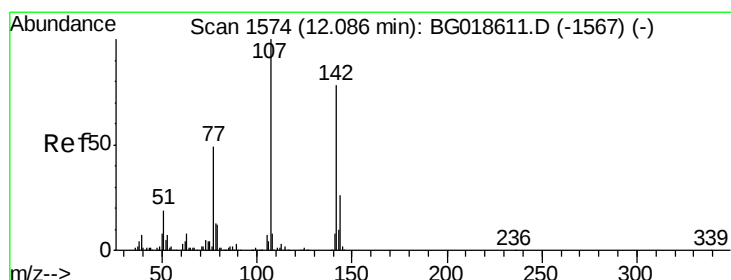
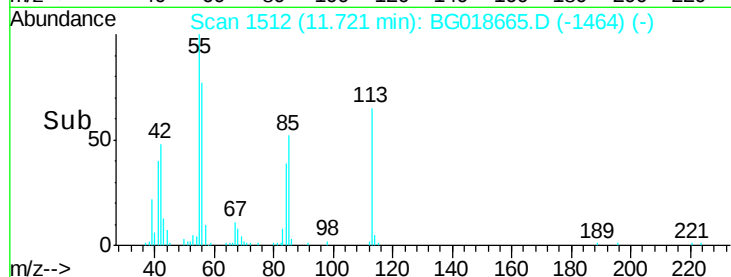
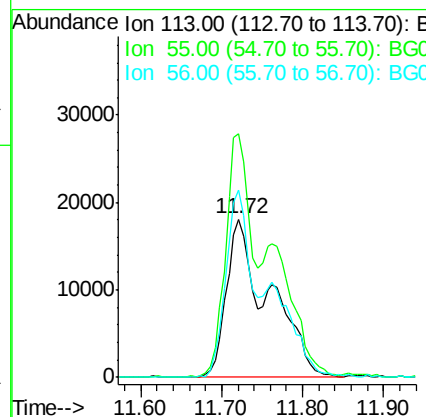
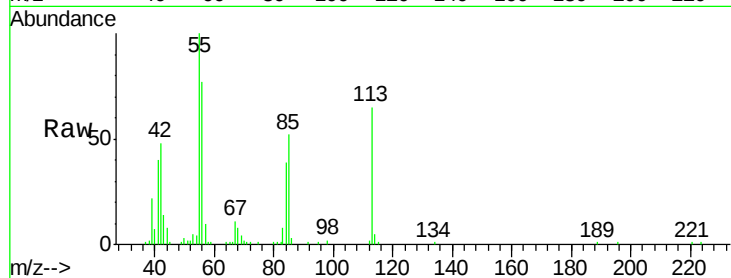
#35
 Caprolactam
 Concen: 39.51 ng m
 RT: 11.72 min Scan# 1512
 Delta R.T. -0.02 min
 Lab File: BG018665.D
 Acq: 14 Sep 2015 17:05

Instrument :
 BNA_G
 ClientSampleId :
 PB85494BS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	65918		
55	153.9	135.0	175.0	
56	118.3	83.4	123.4	

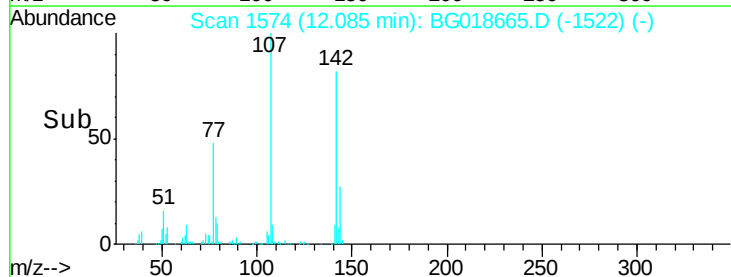
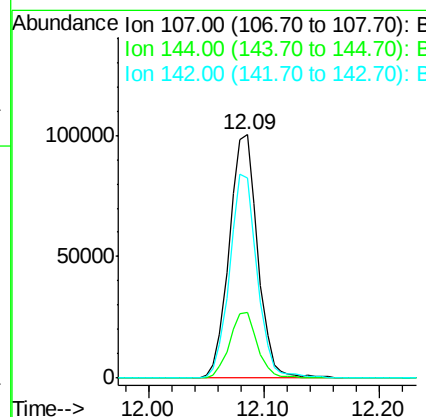
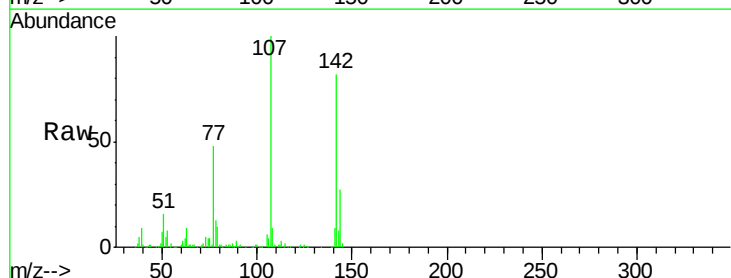
Manual Integrations
 APPROVED

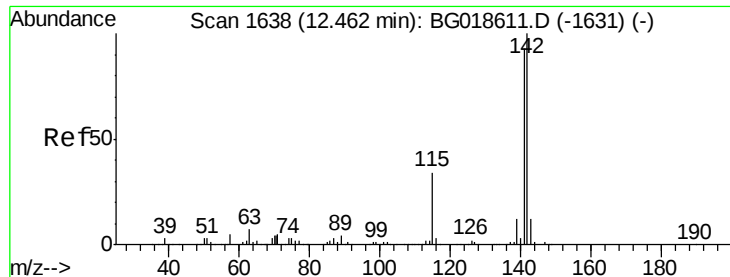
MMDadoda
 9/15/2015 1:34:02 PM



#36
 4-Chloro-3-methylphenol
 Concen: 39.58 ng
 RT: 12.09 min Scan# 1574
 Delta R.T. 0.01 min
 Lab File: BG018665.D
 Acq: 14 Sep 2015 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	171322		
144	26.9	20.6	31.0	
142	82.1	62.6	93.8	





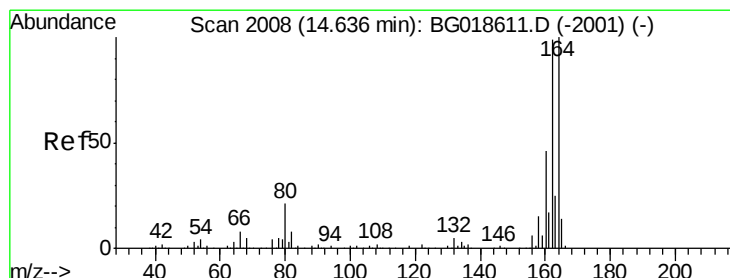
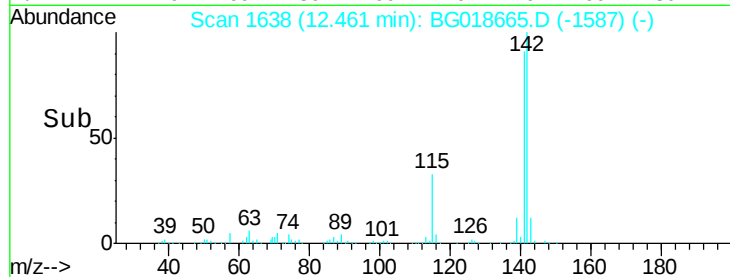
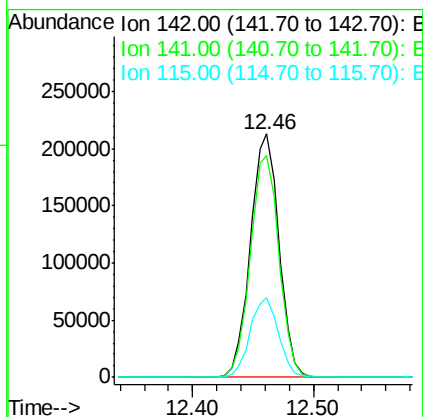
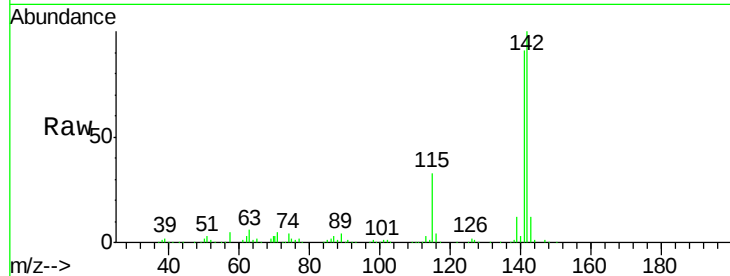
#37
2-Methylnaphthalene
Concen: 37.55 ng
RT: 12.46 min Scan# 1638
Delta R.T. -0.00 min
Lab File: BG018665.D
Acq: 14 Sep 2015 17:05

Instrument :
BNA_G
ClientSampleId :
PB85494BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	351494		
141	91.1	74.6	112.0	
115	32.8	27.4	41.0	

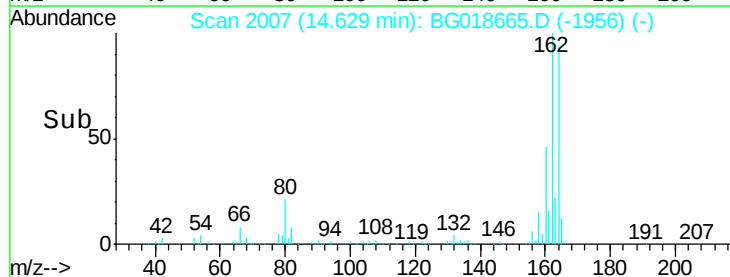
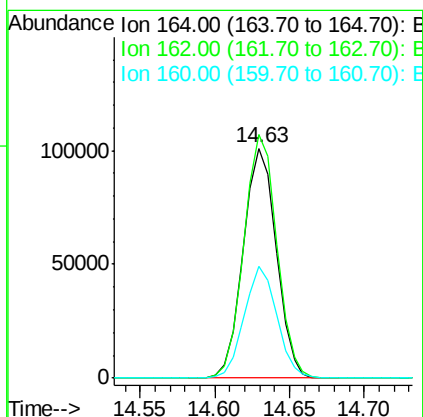
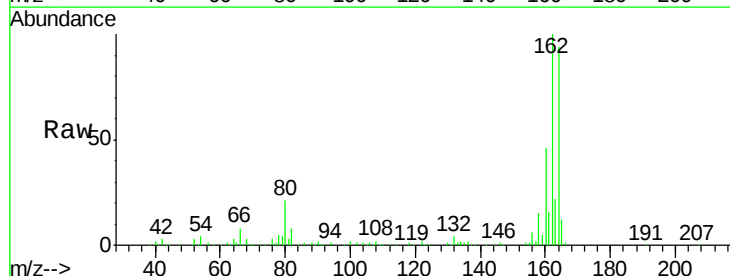
Manual Integrations
APPROVED

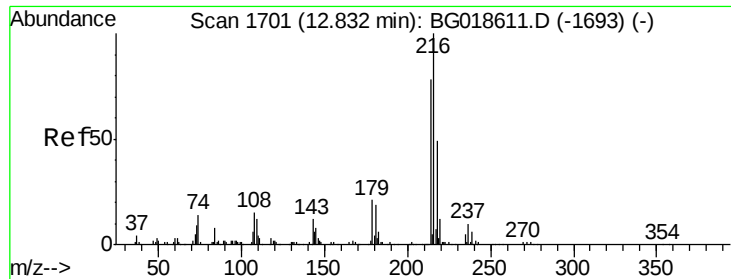
MMDadoda
9/15/2015 1:34:02 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BG018665.D
Acq: 14 Sep 2015 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	154463		
162	106.0	78.8	118.2	
160	48.9	36.4	54.6	





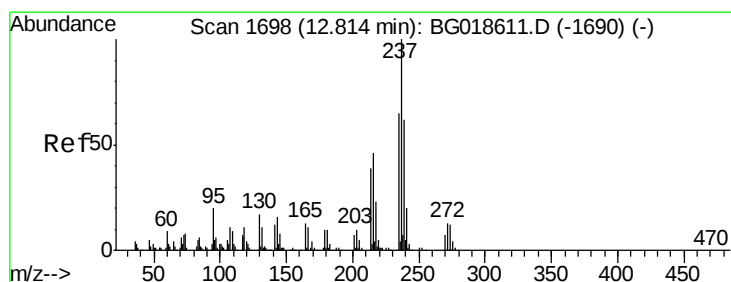
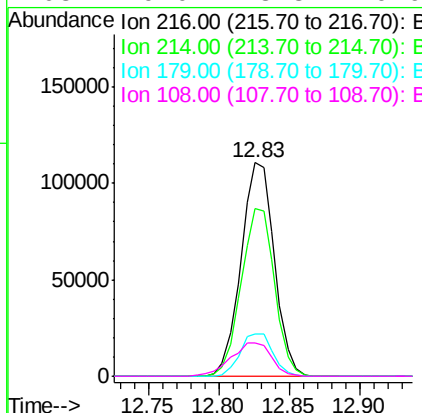
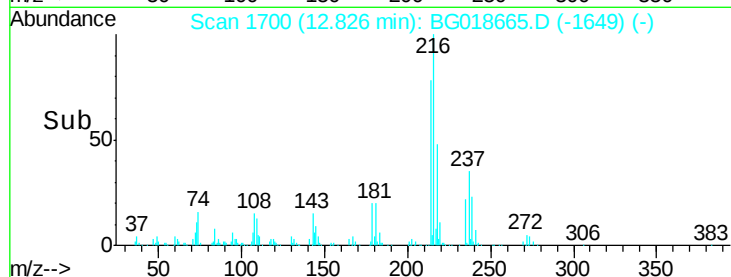
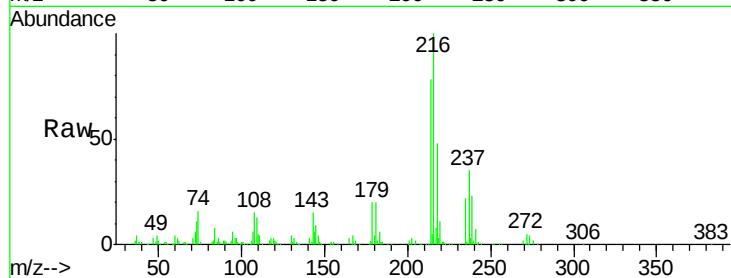
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.21 ng
 RT: 12.83 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: BG018665.D
 Acq: 14 Sep 2015 17:05

Instrument :
 BNA_G
 ClientSampleId :
 PB85494BS

Manual Integrations
 APPROVED

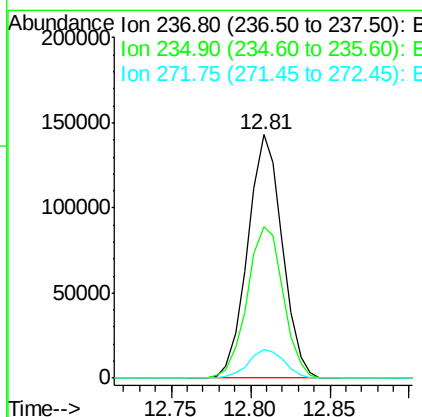
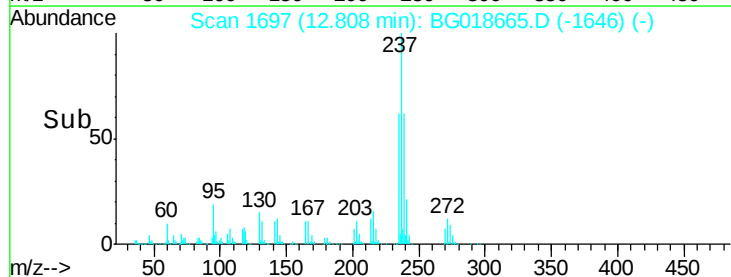
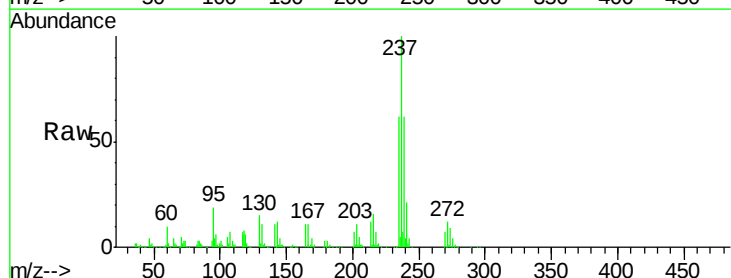
MMDadoda
 9/15/2015 1:34:02 PM

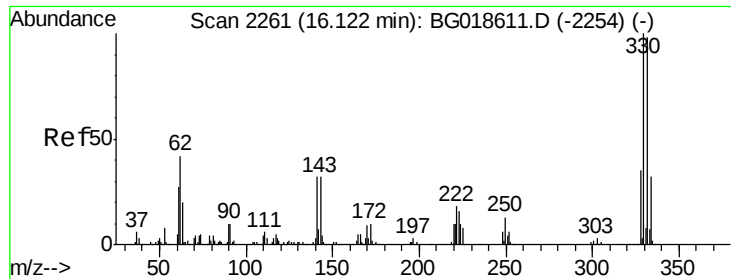
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	182318		
214	78.7	62.5	93.7	
179	19.9	15.6	23.4	
108	19.0	13.3	19.9	



#40
 Hexachlorocyclopentadiene
 Concen: 88.02 ng
 RT: 12.81 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BG018665.D
 Acq: 14 Sep 2015 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	216564		
235	62.4	44.6	84.6	
272	12.0	0.0	32.8	





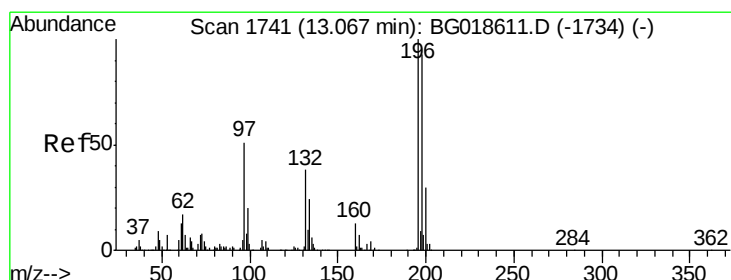
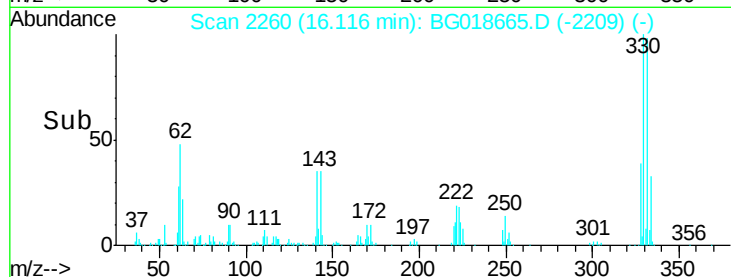
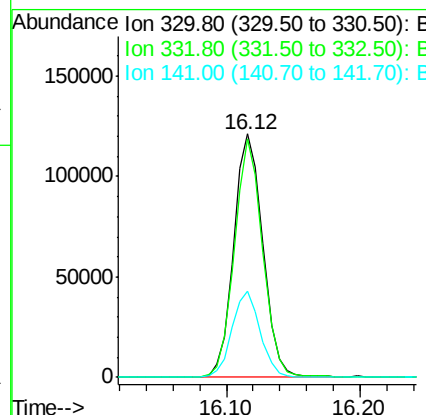
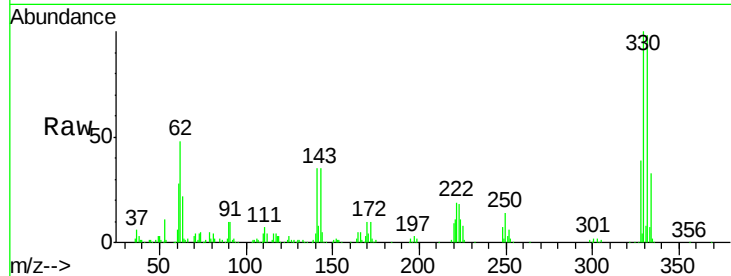
#41
 2,4,6-Tribromophenol
 Concen: 88.84 ng
 RT: 16.12 min Scan# 2260
 Delta R.T. -0.00 min
 Lab File: BG018665.D
 Acq: 14 Sep 2015 17:05

Instrument :
 BNA_G
 ClientSampleId :
 PB85494BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	184772		
332	94.9	78.1	117.1	
141	34.4	28.2	42.2	

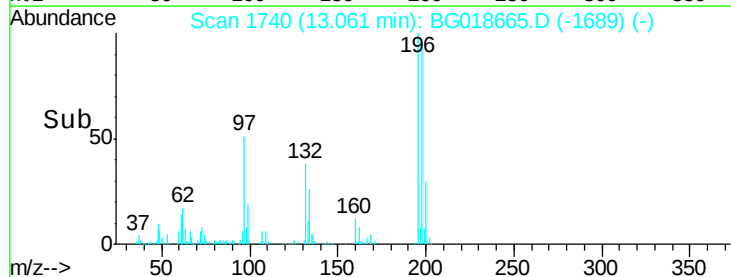
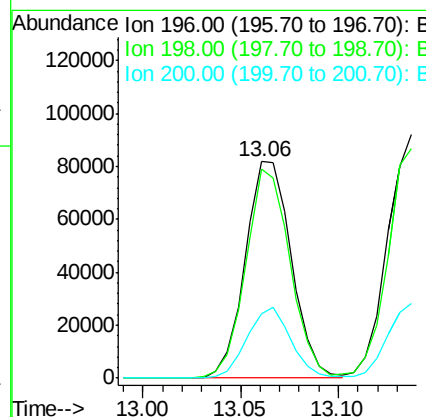
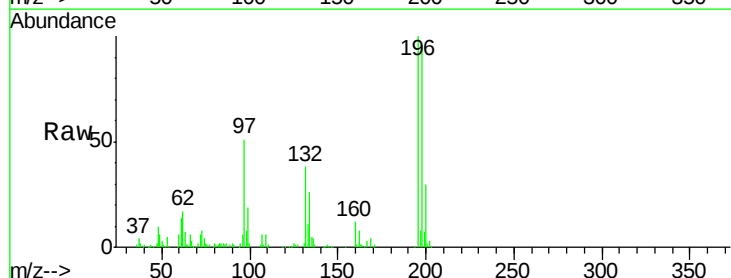
Manual Integrations
 APPROVED

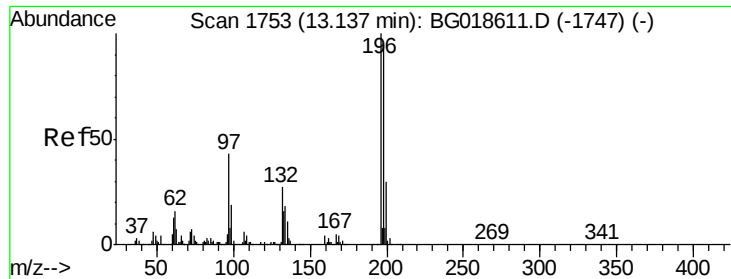
MMDadoda
 9/15/2015 1:34:02 PM



#42
 2,4,6-Trichlorophenol
 Concen: 39.50 ng
 RT: 13.06 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG018665.D
 Acq: 14 Sep 2015 17:05

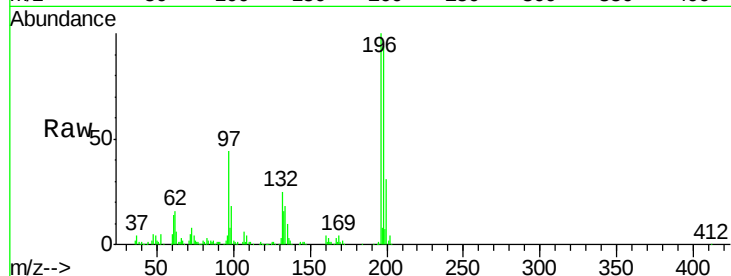
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	134018		
198	96.5	74.7	112.1	
200	29.7	24.1	36.1	





#43
2,4,5-Trichlorophenol
Concen: 40.79 ng
RT: 13.14 min Scan# 1753
Delta R.T. -0.00 min
Lab File: BG018665.D
Acq: 14 Sep 2015 17:05

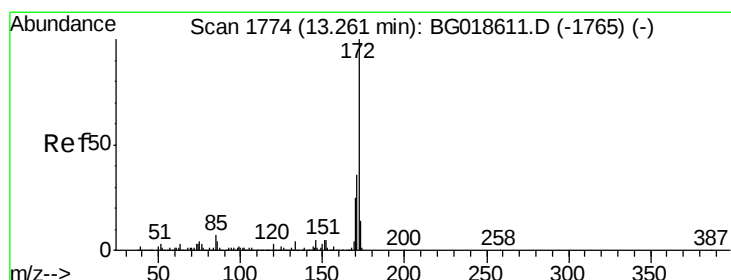
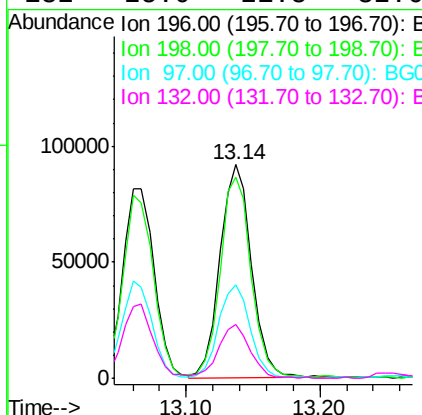
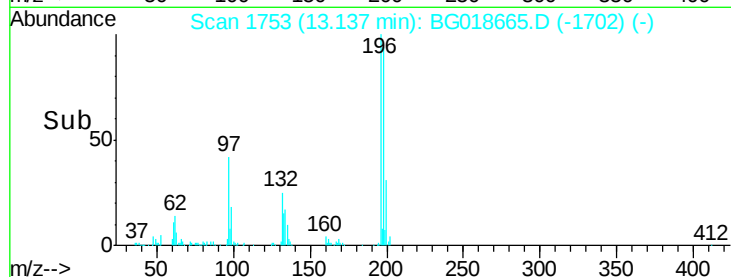
Instrument :
BNA_G
ClientSampleId :
PB85494BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	151816		
198	94.2	75.2	112.8	
97	43.9	34.2	51.2	
132	25.0	21.8	32.6	

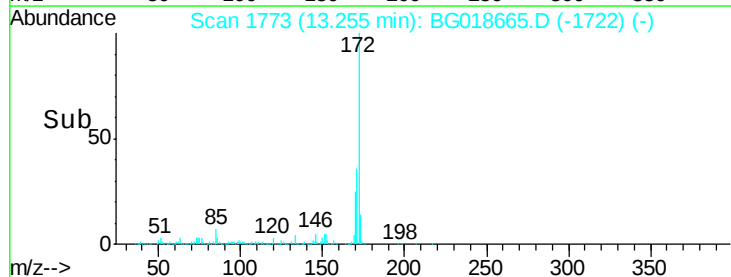
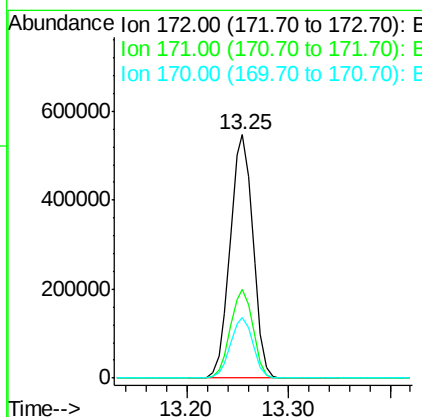
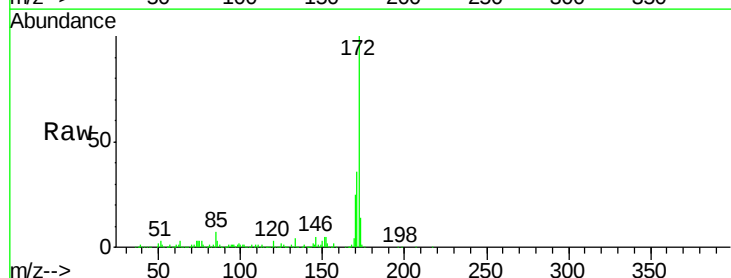
Manual Integrations
APPROVED

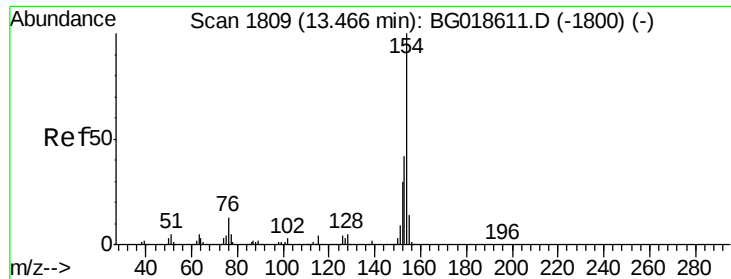
MMDadoda
9/15/2015 1:34:02 PM



#44
2-Fluorobiphenyl
Concen: 76.64 ng
RT: 13.25 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG018665.D
Acq: 14 Sep 2015 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	852772		
171	36.3	29.0	43.6	
170	25.1	19.9	29.9	





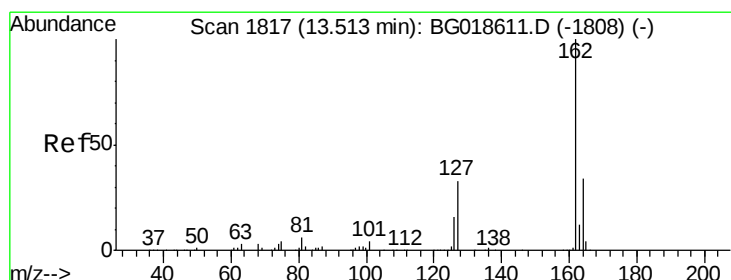
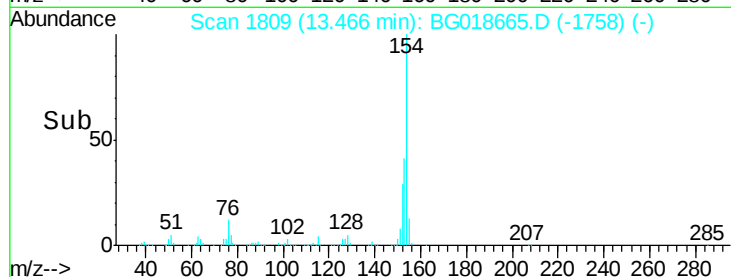
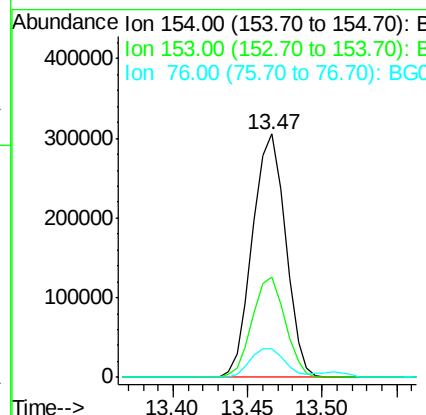
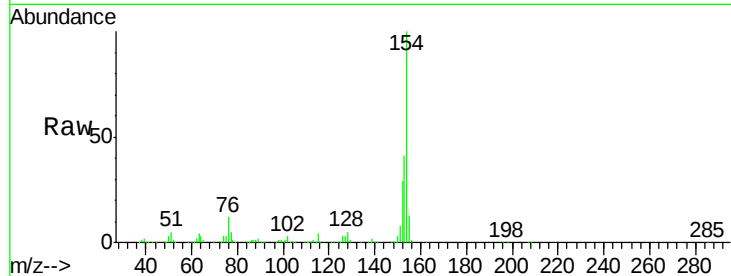
#45
 1,1'-Biphenyl
 Concen: 38.17 ng
 RT: 13.47 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: BG018665.D
 Acq: 14 Sep 2015 17:05

Instrument :
 BNA_G
 ClientSampleId :
 PB85494BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.2	21.9	61.9	
76	11.6	0.0	33.2	

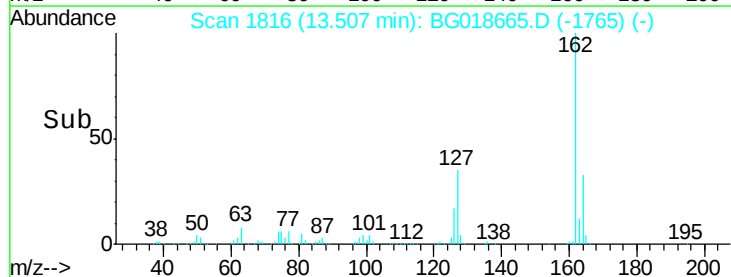
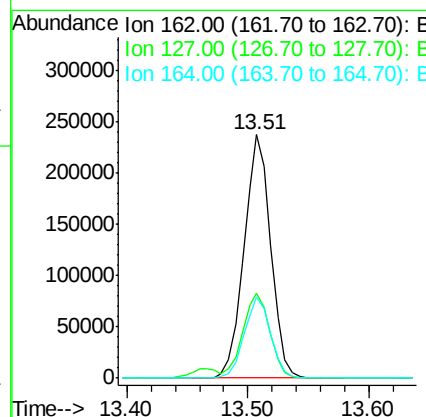
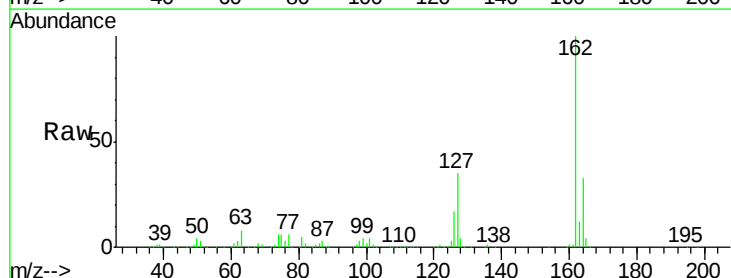
Manual Integrations
 APPROVED

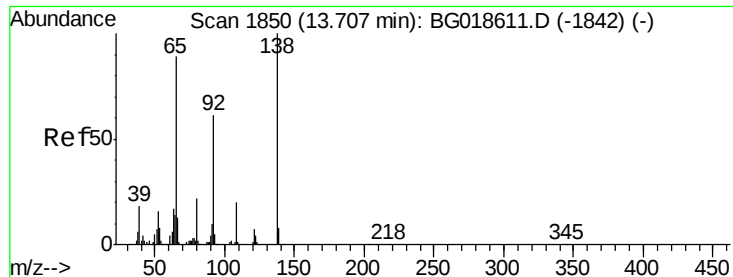
MMDadoda
 9/15/2015 1:34:02 PM



#46
 2-Chloronaphthalene
 Concen: 38.43 ng
 RT: 13.51 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: BG018665.D
 Acq: 14 Sep 2015 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	34.8	28.3	42.5	
164	33.1	27.4	41.0	





#47

2-Nitroaniline

Concen: 39.33 ng

RT: 13.70 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BG018665.D

Acq: 14 Sep 2015 17:05

Instrument :

BNA_G

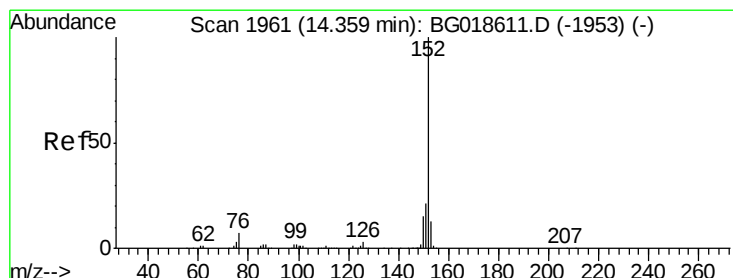
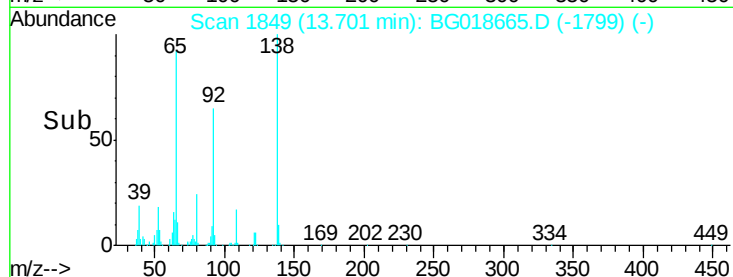
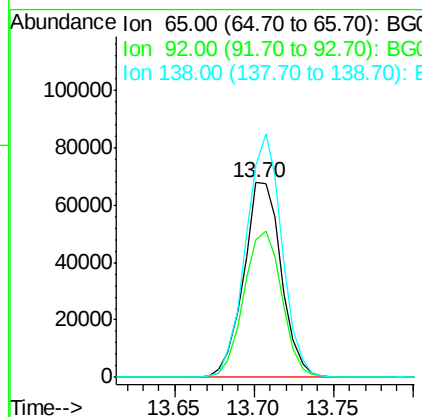
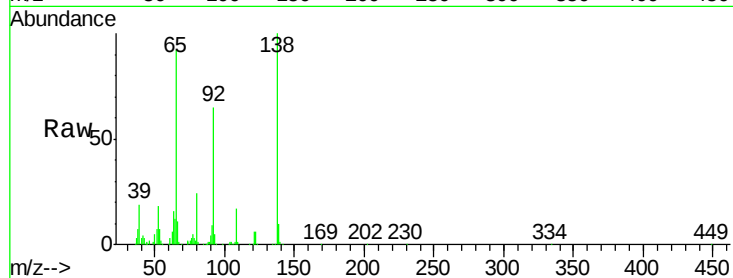
ClientSampleId :

PB85494BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.7	54.8	82.2
138	108.5	89.6	134.4

Manual Integrations
APPROVED

MMDadoda
9/15/2015 1:34:02 PM



#48

Acenaphthylene

Concen: 37.82 ng

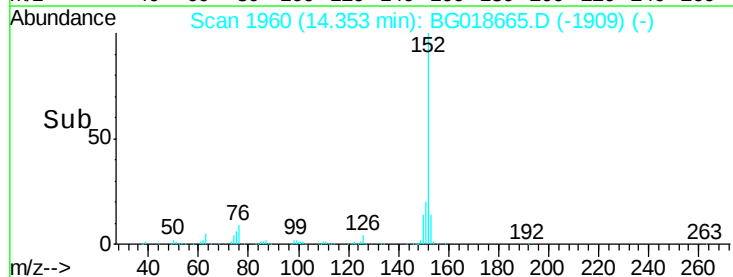
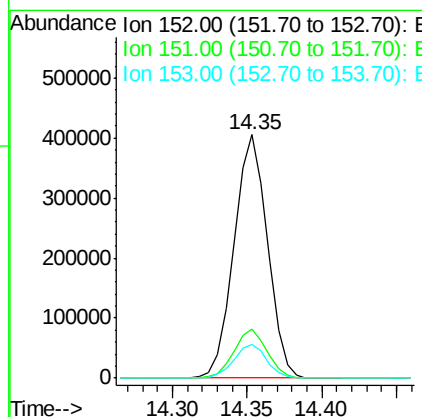
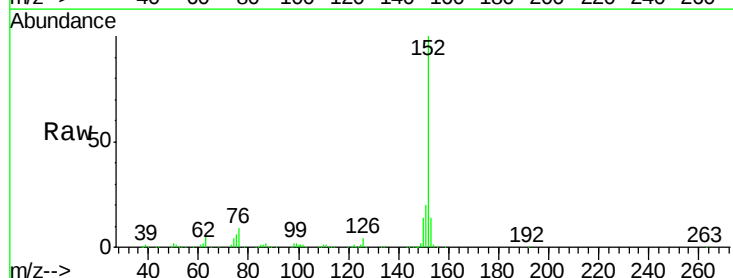
RT: 14.35 min Scan# 1960

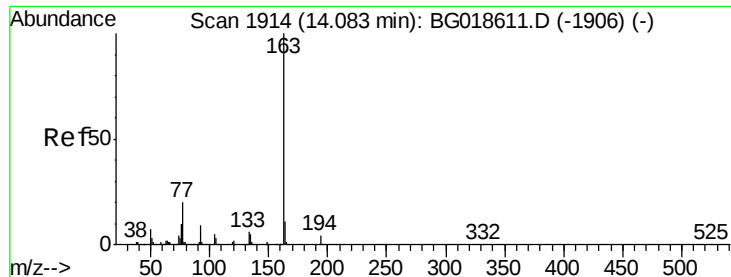
Delta R.T. -0.00 min

Lab File: BG018665.D

Acq: 14 Sep 2015 17:05

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	17.0	25.4
153	14.0	10.4	15.6





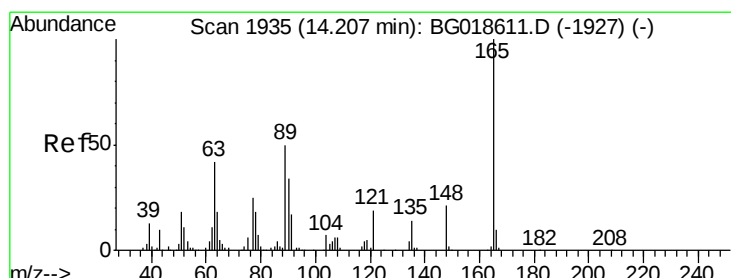
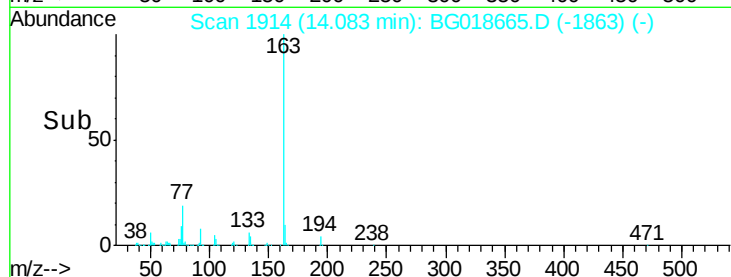
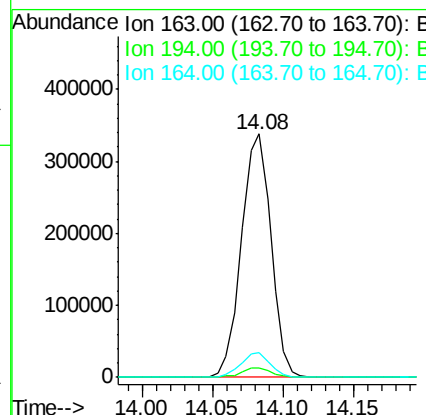
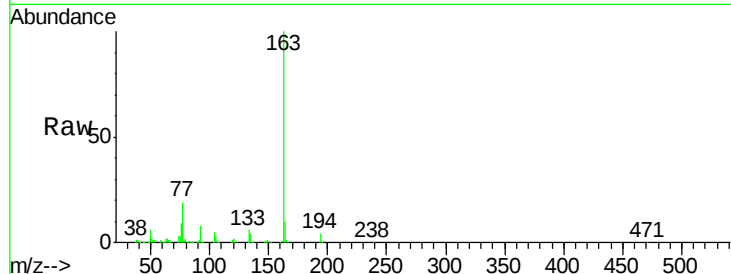
#49
Dimethylphthalate
Concen: 38.58 ng
RT: 14.08 min Scan# 1914
Delta R.T. -0.00 min
Lab File: BG018665.D
Acq: 14 Sep 2015 17:05

Instrument :
BNA_G
ClientSampleId :
PB85494BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	493441		
194	4.1		3.1	4.7
164	10.4		8.8	13.2

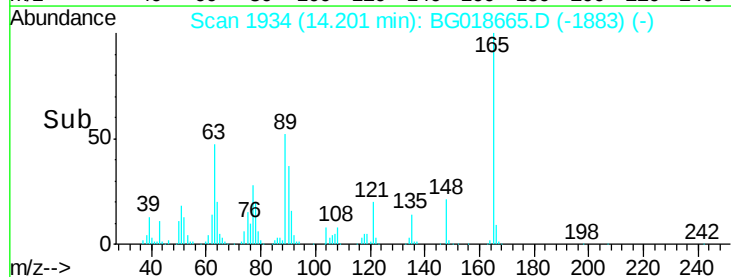
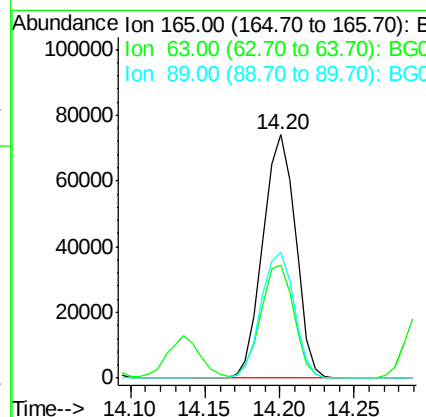
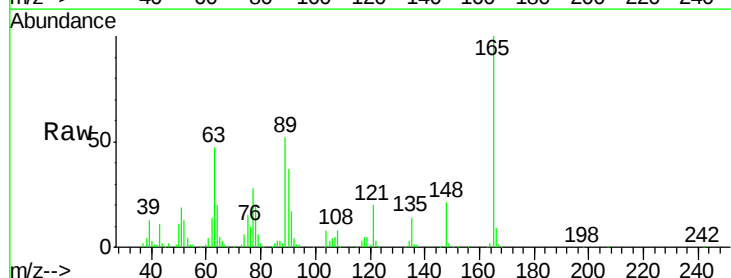
Manual Integrations
APPROVED

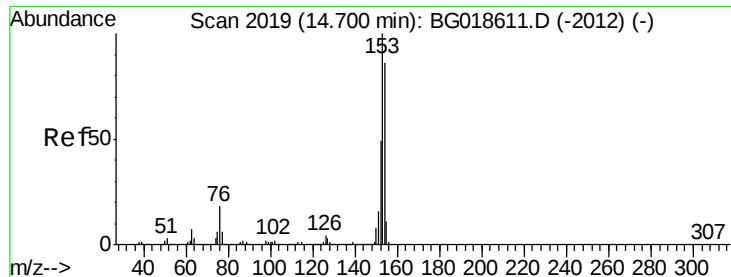
MMDadoda
9/15/2015 1:34:02 PM



#50
2,6-Dinitrotoluene
Concen: 40.37 ng
RT: 14.20 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG018665.D
Acq: 14 Sep 2015 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	112199		
63	46.5		35.7	53.5
89	51.8		39.7	59.5





#51

Acenaphthene

Concen: 38.77 ng

RT: 14.69 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BG018665.D

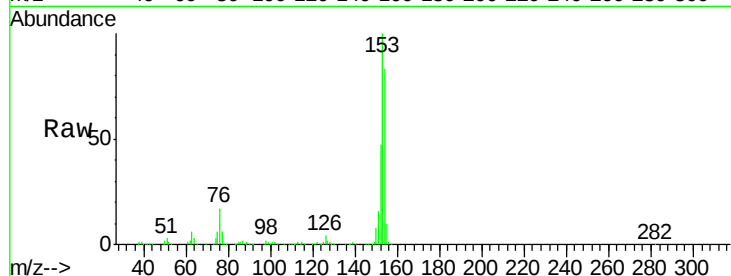
Acq: 14 Sep 2015 17:05

Instrument :

BNA_G

ClientSampleId :

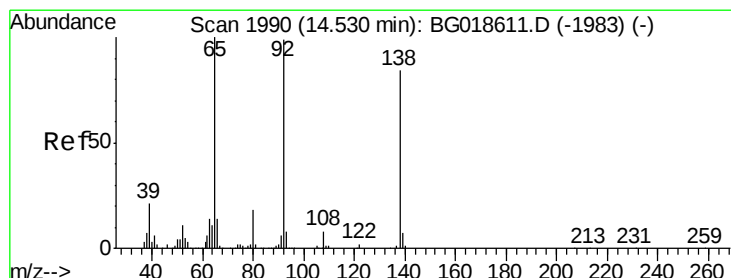
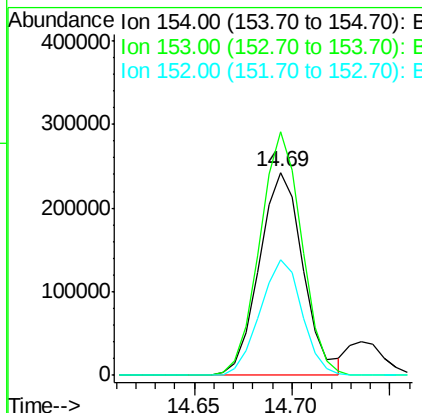
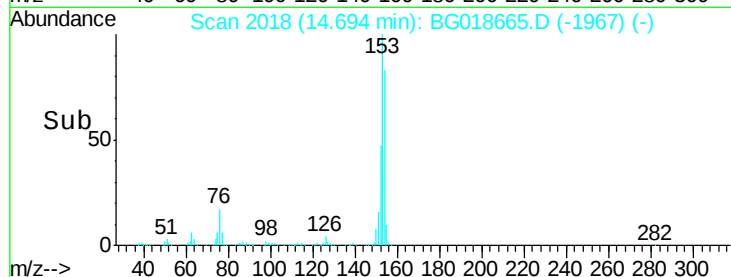
PB85494BS



Tgt Ion	Ratio	Resp	Lower	Upper
154	100	377309		
153	119.9	92.9	139.3	
152	56.6	45.8	68.8	

Manual Integrations
APPROVED

MMDadoda
9/15/2015 1:34:02 PM



#52

3-Nitroaniline

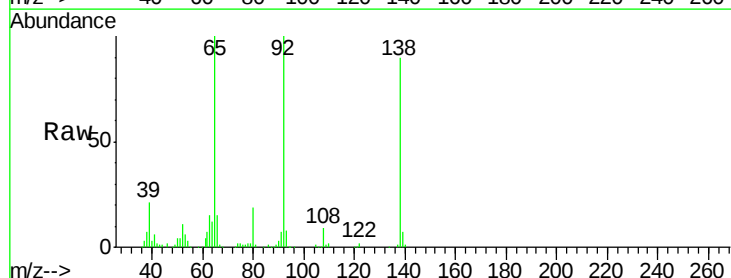
Concen: 31.11 ng

RT: 14.53 min Scan# 1990

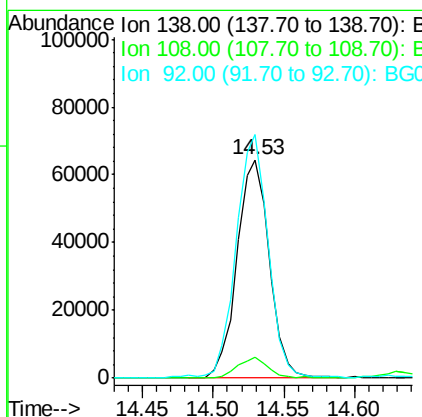
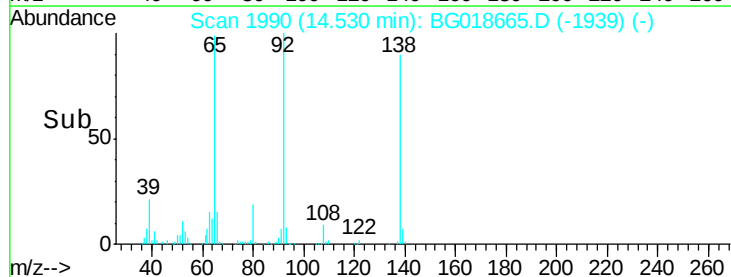
Delta R.T. -0.00 min

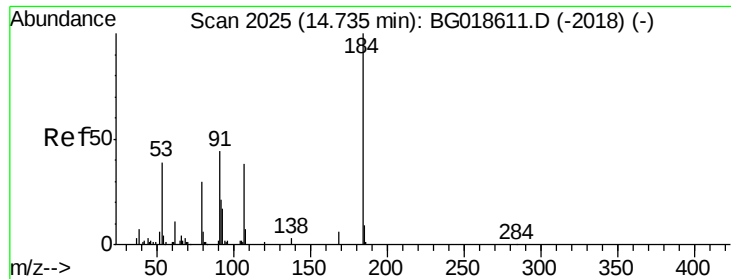
Lab File: BG018665.D

Acq: 14 Sep 2015 17:05



Tgt Ion	Ratio	Resp	Lower	Upper
138	100	103294		
108	9.8	7.9	11.9	
92	111.4	94.2	141.4	





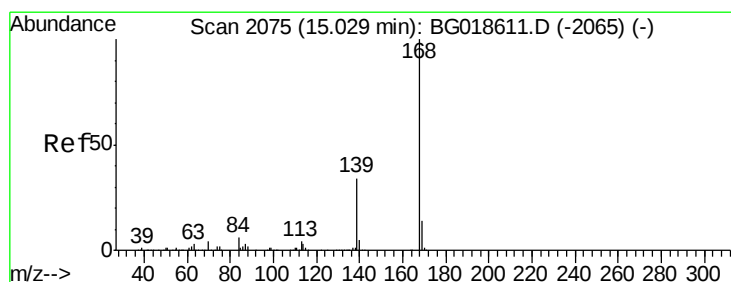
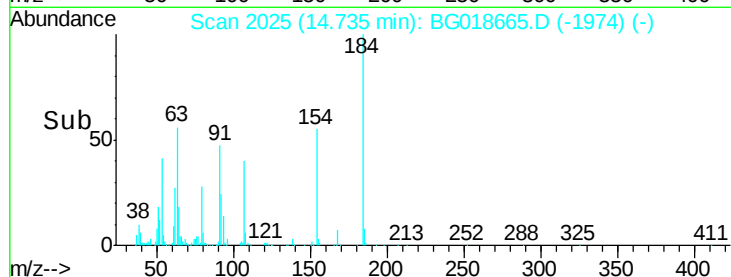
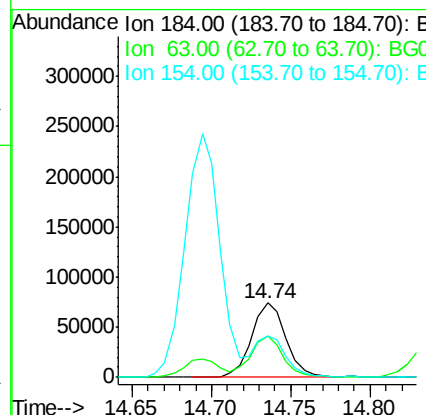
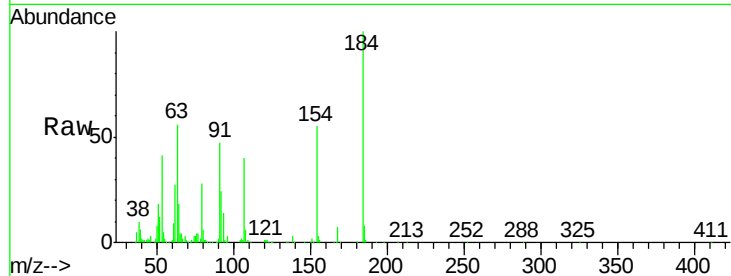
#53
2,4-Dinitrophenol
Concen: 79.26 ng
RT: 14.74 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BG018665.D
Acq: 14 Sep 2015 17:05

Instrument :
BNA_G
ClientSampleId :
PB85494BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	111357		
63	56.0	42.7	64.1	
154	55.4	44.3	66.5	

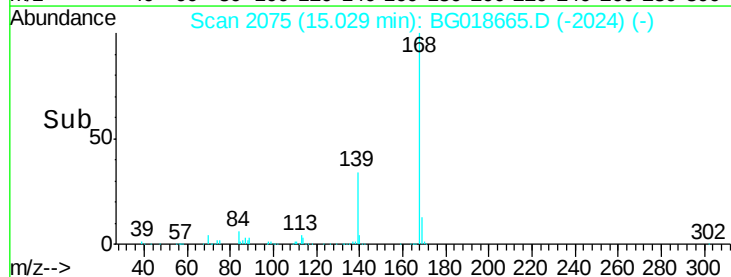
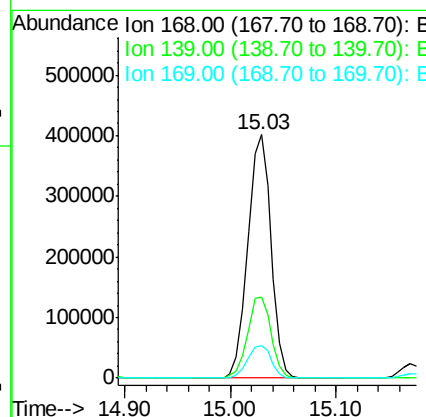
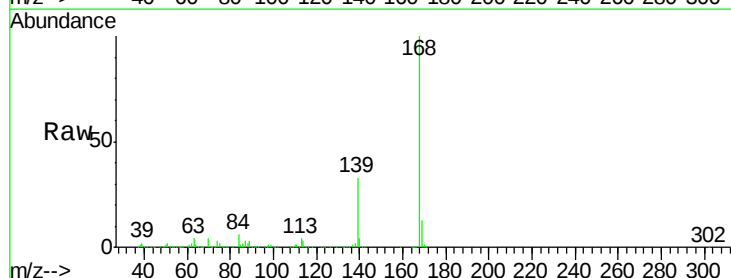
Manual Integrations
APPROVED

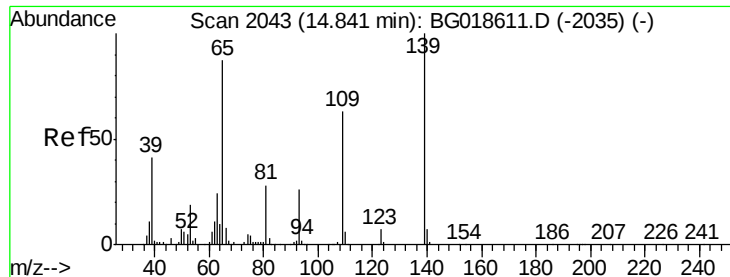
MMDadoda
9/15/2015 1:34:02 PM



#54
Dibenzofuran
Concen: 40.26 ng
RT: 15.03 min Scan# 2075
Delta R.T. -0.00 min
Lab File: BG018665.D
Acq: 14 Sep 2015 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	608940		
139	33.4	27.4	41.0	
169	13.1	11.0	16.4	





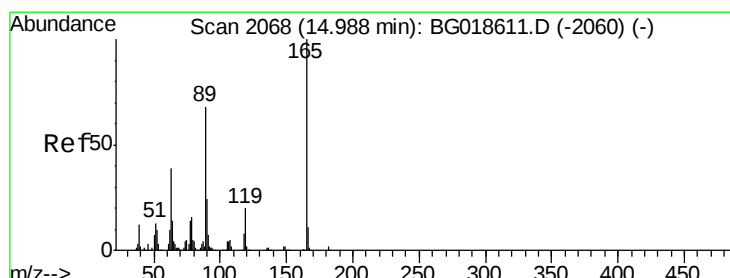
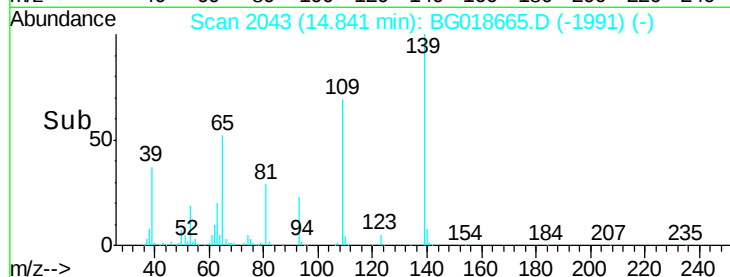
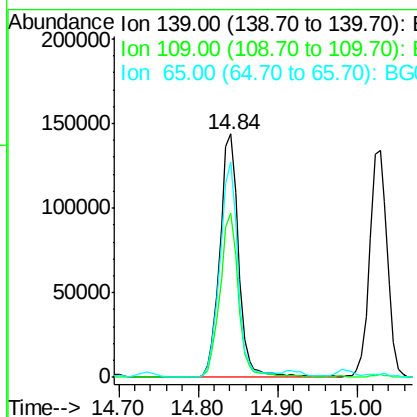
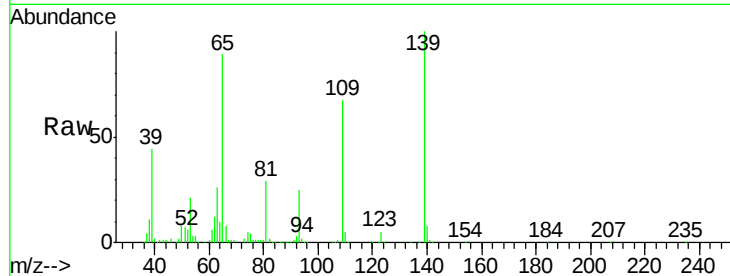
#55
4-Nitrophenol
Concen: 92.94 ng
RT: 14.84 min Scan# 2043
Delta R.T. 0.01 min
Lab File: BG018665.D
Acq: 14 Sep 2015 17:05

Instrument :
BNA_G
ClientSampleId :
PB85494BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	238267		
109	67.4	43.2	83.2	
65	88.6	67.8	107.8	

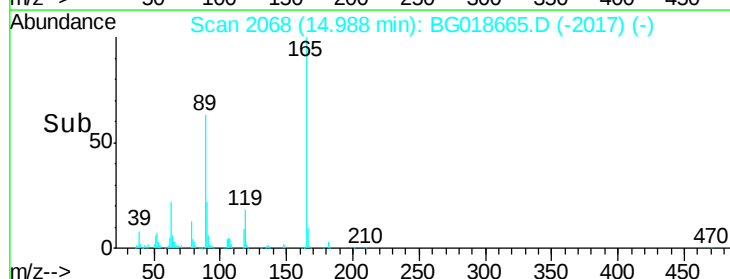
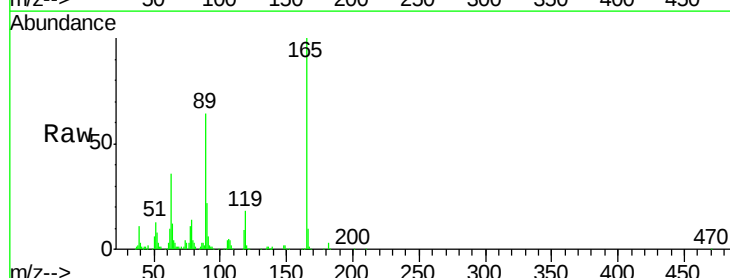
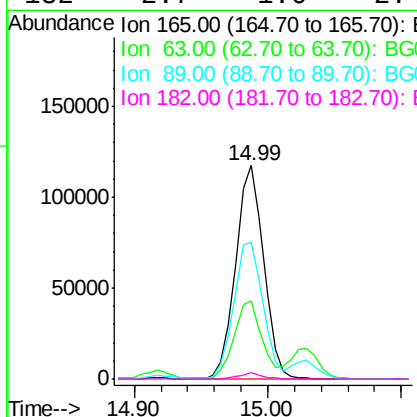
Manual Integrations
APPROVED

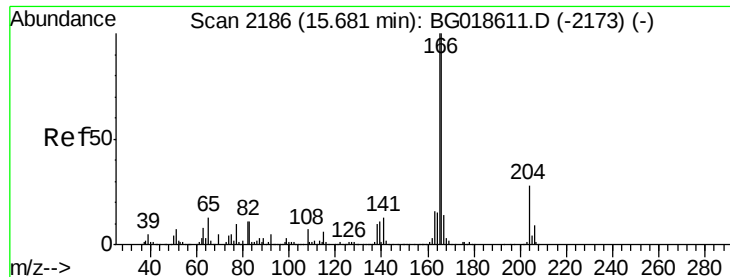
MMDadoda
9/15/2015 1:34:02 PM



#56
2,4-Dinitrotoluene
Concen: 43.44 ng
RT: 14.99 min Scan# 2068
Delta R.T. -0.00 min
Lab File: BG018665.D
Acq: 14 Sep 2015 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	171222		
63	36.5	31.0	46.4	
89	64.2	54.4	81.6	
182	2.7	1.6	2.4	#





#57

Fluorene

Concen: 39.84 ng

RT: 15.68 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BG018665.D

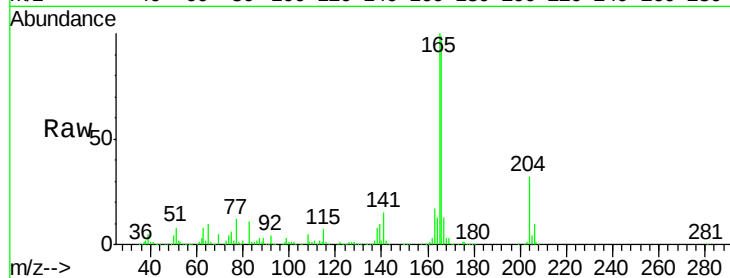
Acq: 14 Sep 2015 17:05

Instrument :

BNA_G

ClientSampleId :

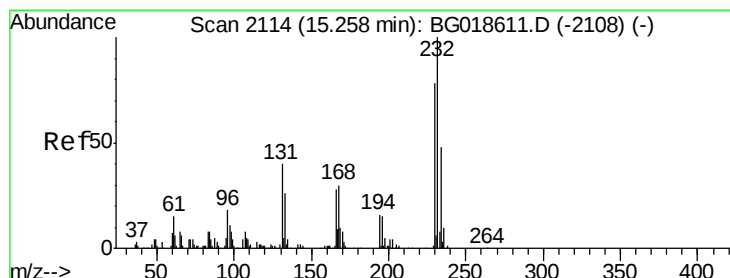
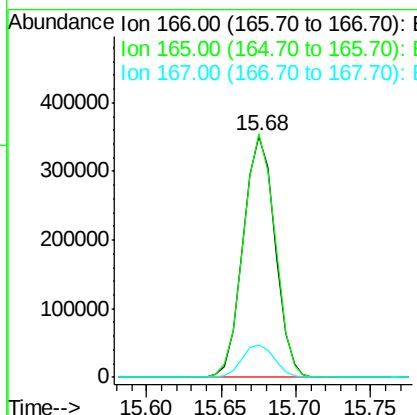
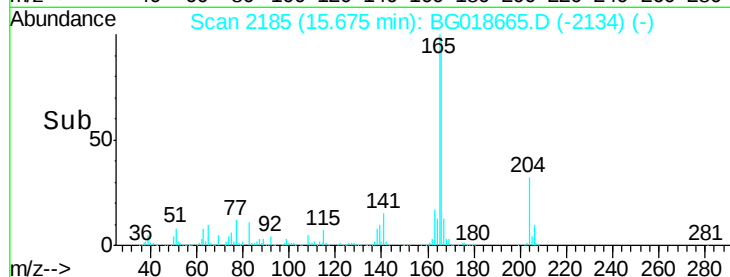
PB85494BS



Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.9	80.0	120.0	
167	13.6	11.1	16.7	

Manual Integrations
APPROVED

MMDadoda
9/15/2015 1:34:02 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.77 ng

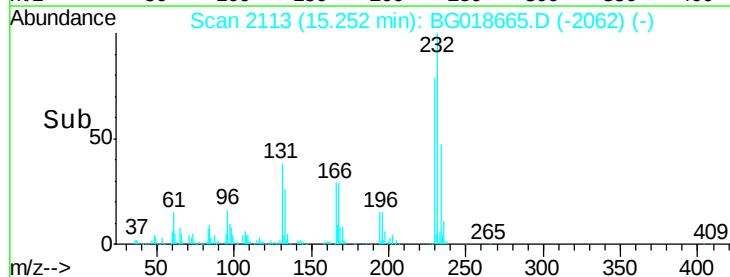
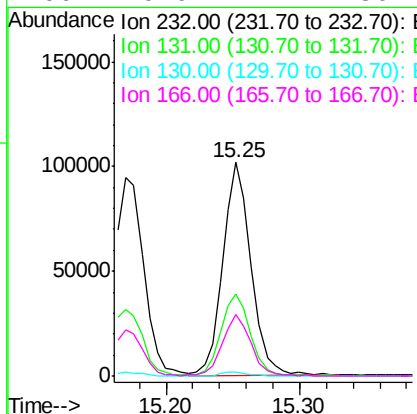
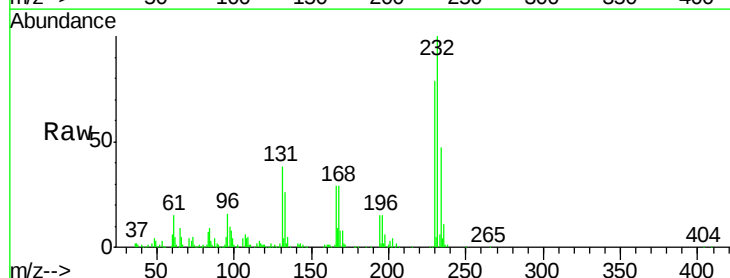
RT: 15.25 min Scan# 2113

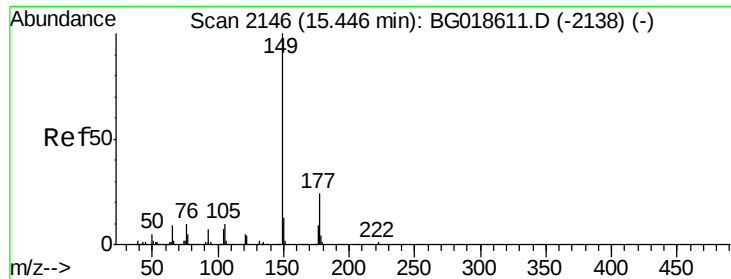
Delta R.T. -0.00 min

Lab File: BG018665.D

Acq: 14 Sep 2015 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	41.3	33.0	49.6	
130	1.9	2.0	3.0	
166	29.9	24.1	36.1	





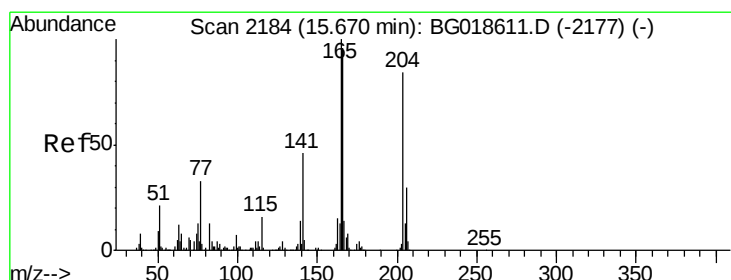
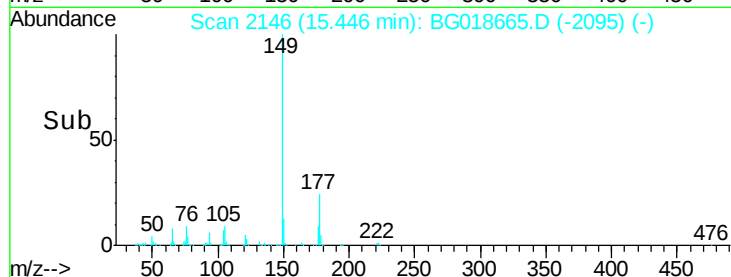
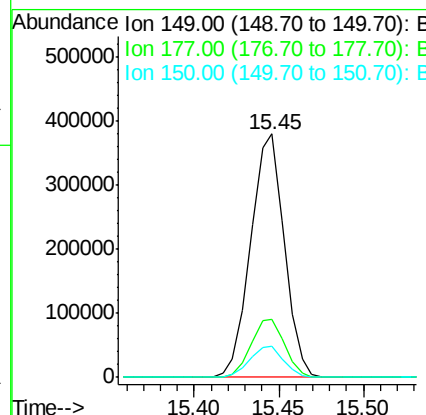
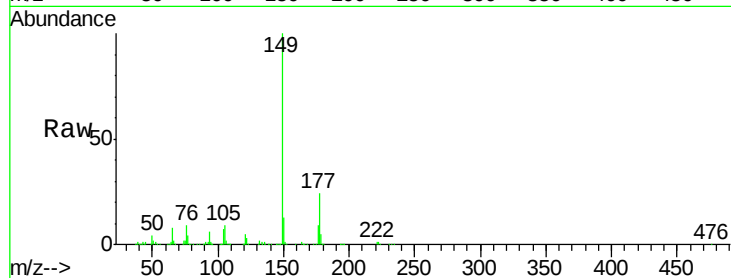
#59
Diethylphthalate
Concen: 39.43 ng
RT: 15.45 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG018665.D
Acq: 14 Sep 2015 17:05

Instrument :
BNA_G
ClientSampleId :
PB85494BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	23.6	19.6	29.4
150	12.6	10.2	15.2

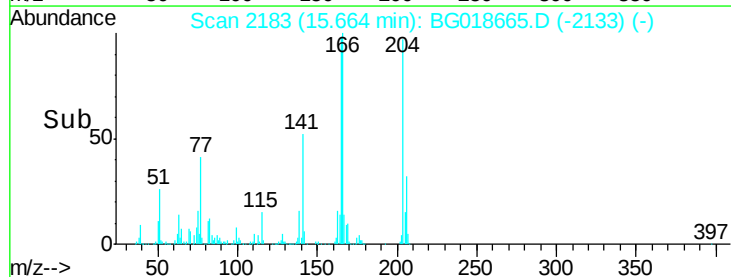
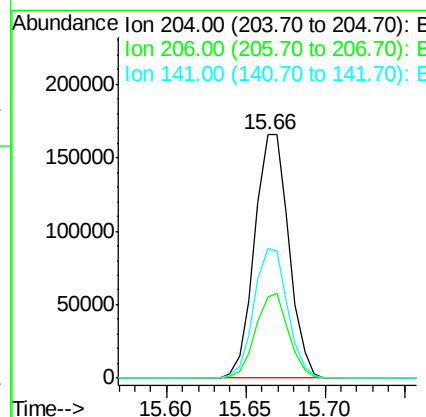
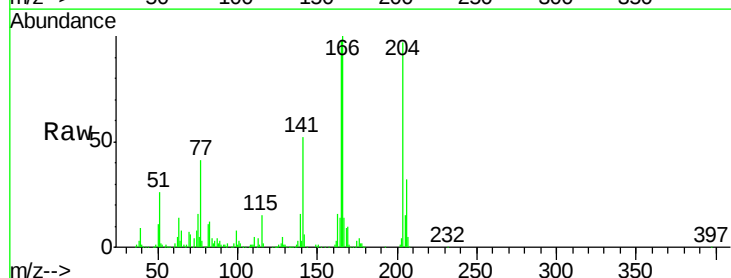
Manual Integrations
APPROVED

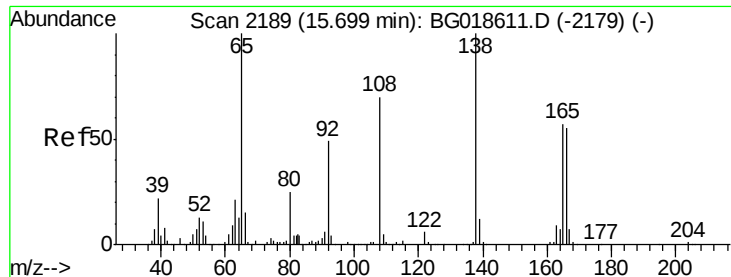
MMDadoda
9/15/2015 1:34:02 PM



#60
4-Chlorophenyl-phenylether
Concen: 39.84 ng
RT: 15.66 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BG018665.D
Acq: 14 Sep 2015 17:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	33.4	28.3	42.5
141	53.4	44.0	66.0





#61

4-Nitroaniline

Concen: 43.05 ng

RT: 15.69 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BG018665.D

Acq: 14 Sep 2015 17:05

Instrument :

BNA_G

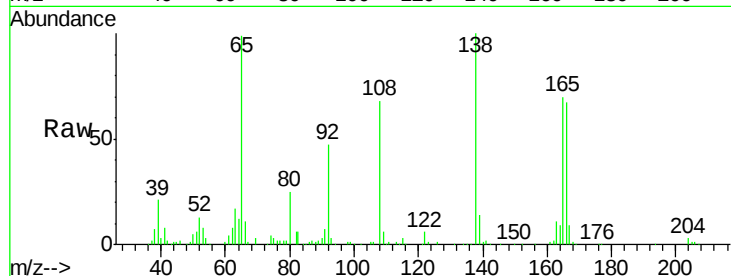
ClientSampleId :

PB85494BS

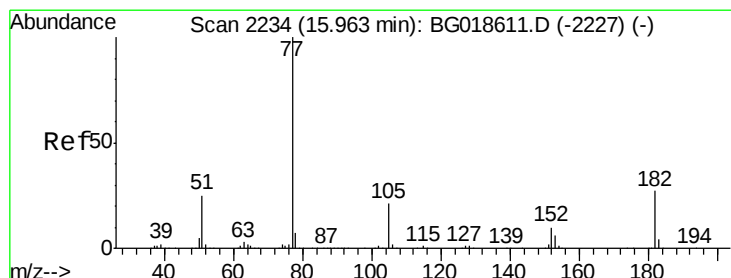
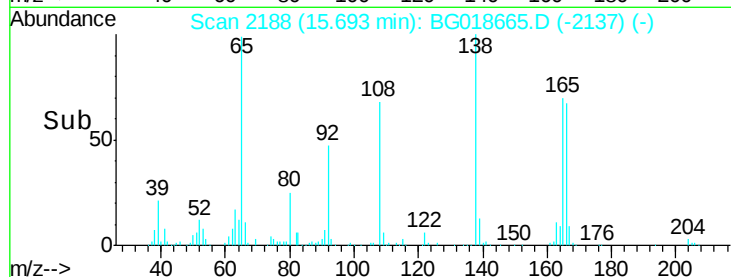
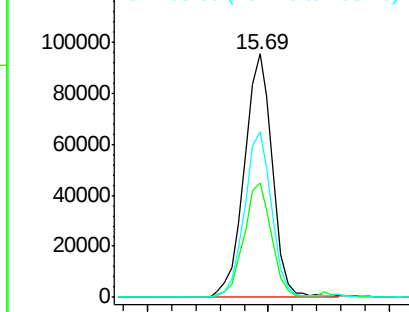
Manual Integrations
APPROVED

MMDadoda
9/15/2015 1:34:02 PM

Tgt Ion:	138	Resp:	154129
Ion Ratio	Lower	Upper	
138	100		
92	46.8	29.1	69.1
108	67.8	49.8	89.8



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 41.06 ng

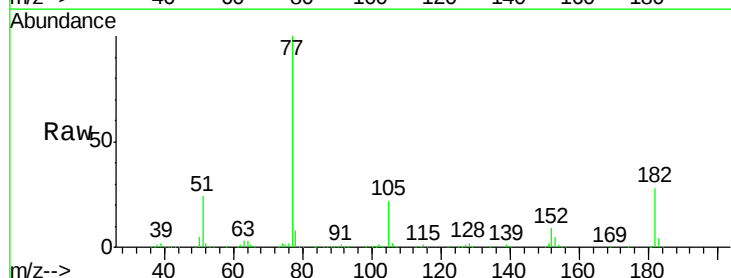
RT: 15.96 min Scan# 2233

Delta R.T. -0.00 min

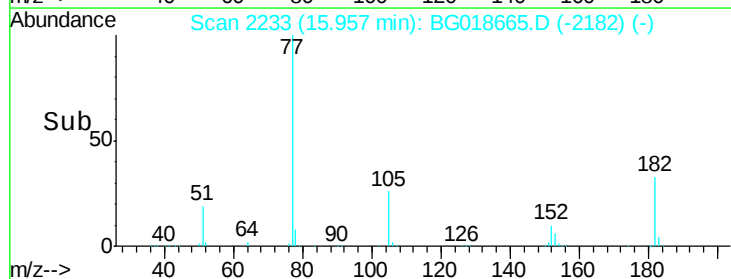
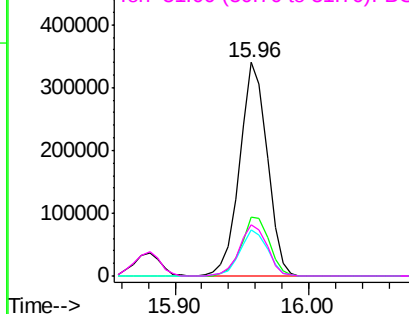
Lab File: BG018665.D

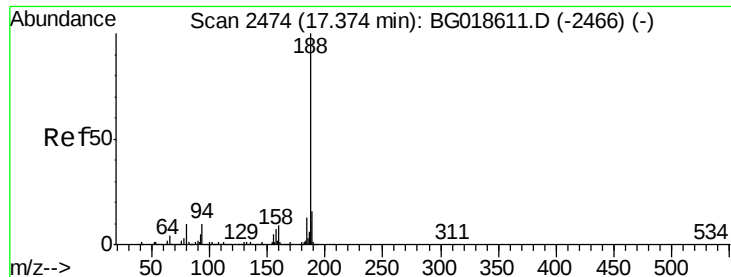
Acq: 14 Sep 2015 17:05

Tgt Ion:	77	Resp:	484103
Ion Ratio	Lower	Upper	
77	100		
182	27.8	7.0	47.0
105	21.7	1.4	41.4
51	24.2	4.9	44.9



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.37 min Scan# 2474

Delta R.T. -0.00 min

Lab File: BG018665.D

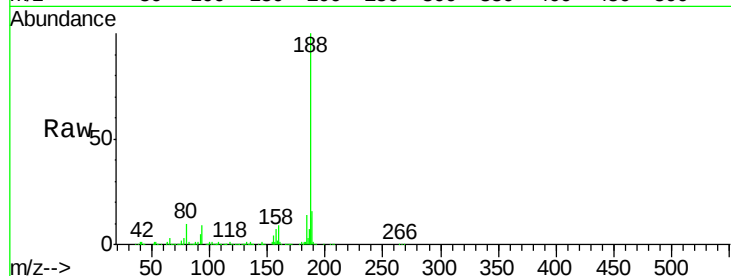
Acq: 14 Sep 2015 17:05

Instrument :

BNA_G

ClientSampleId :

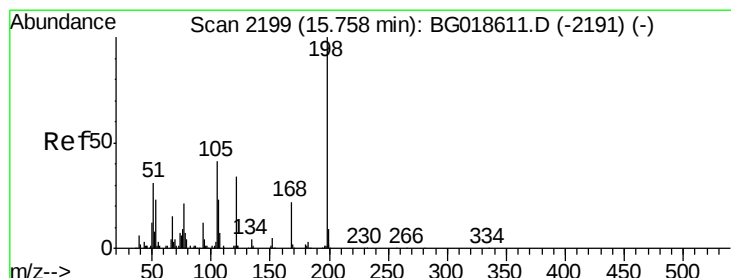
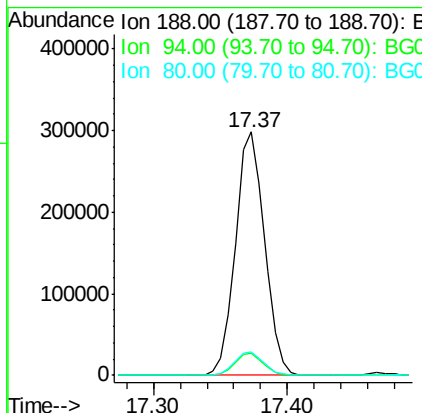
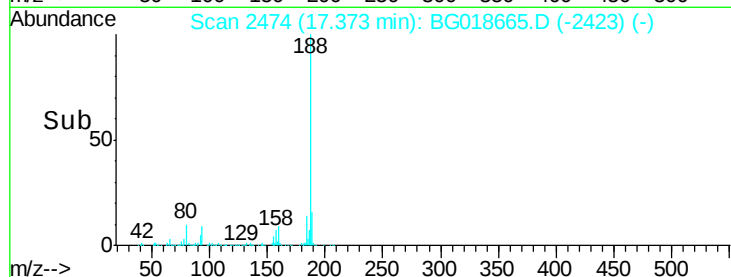
PB85494BS



Tgt Ion	Ratio	Resp	Lower	Upper
188	100	449462		
94	9.2		7.7	11.5
80	9.5		7.8	11.8

Manual Integrations
APPROVED

MMDadoda
9/15/2015 1:34:02 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 37.36 ng

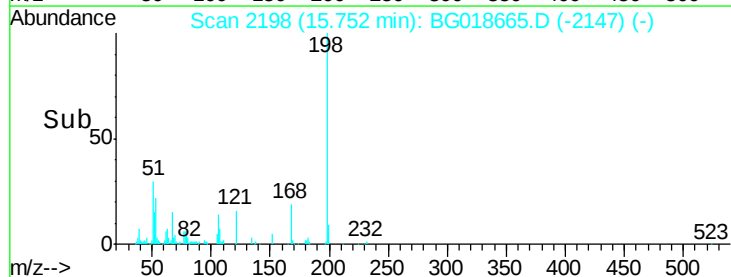
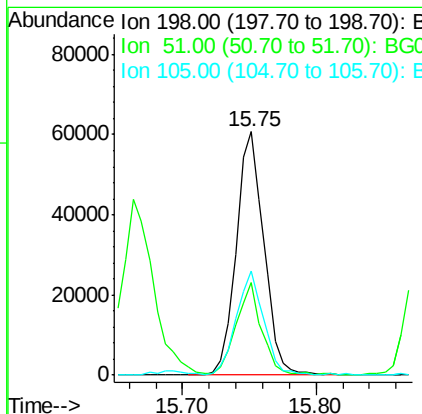
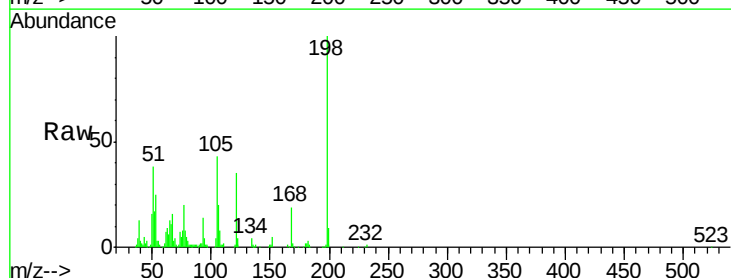
RT: 15.75 min Scan# 2198

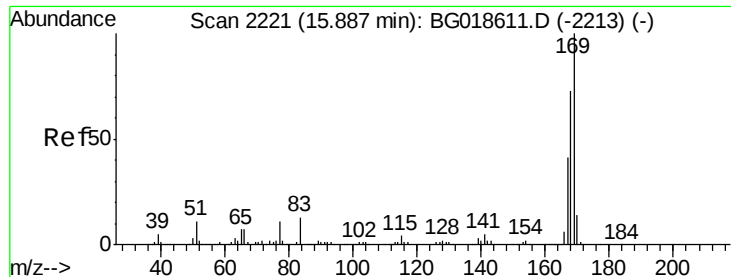
Delta R.T. -0.00 min

Lab File: BG018665.D

Acq: 14 Sep 2015 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	87211		
51	38.0		14.2	54.2
105	42.7		21.1	61.1





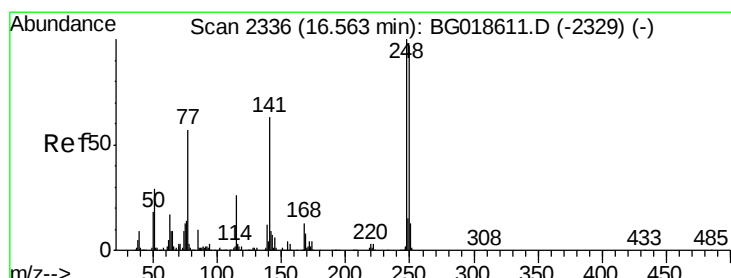
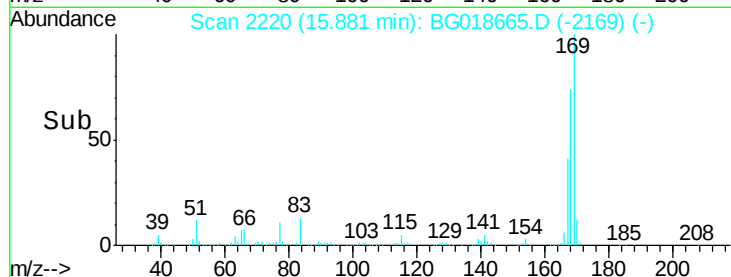
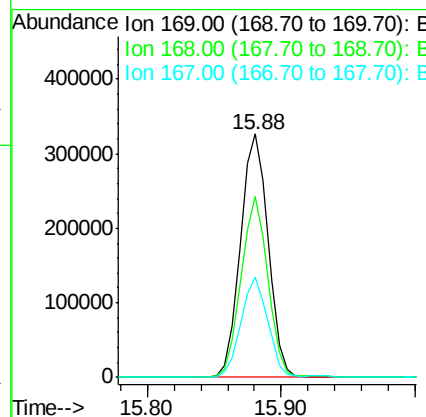
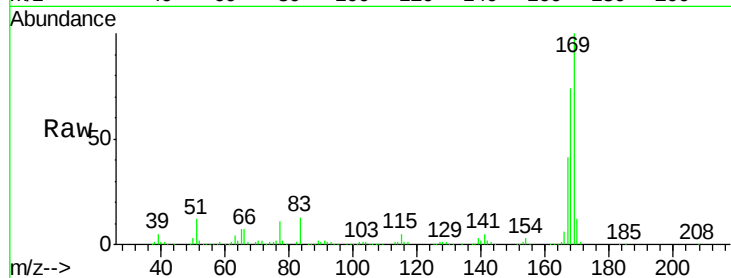
#65
 n-Nitrosodiphenylamine
 Concen: 35.94 ng
 RT: 15.88 min Scan# 2220
 Delta R.T. -0.00 min
 Lab File: BG018665.D
 Acq: 14 Sep 2015 17:05

Instrument :
 BNA_G
 ClientSampleId :
 PB85494BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	467901		
168	74.5	58.2	87.2	
167	41.1	32.7	49.1	

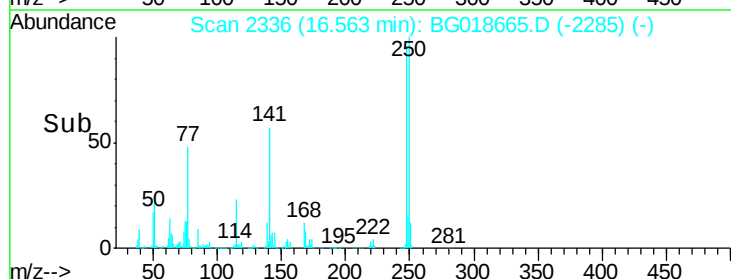
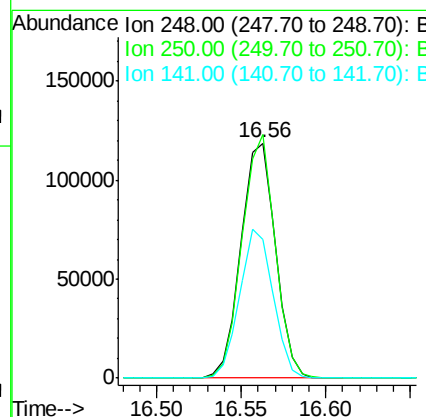
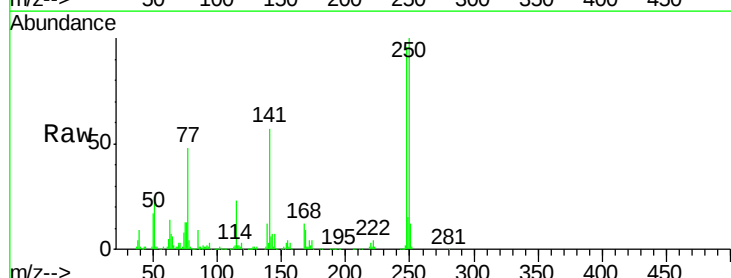
Manual Integrations
 APPROVED

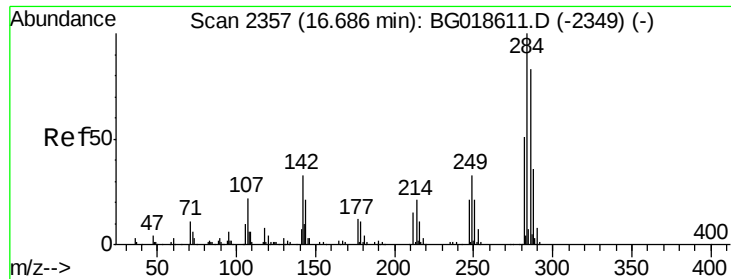
MMDadoda
 9/15/2015 1:34:02 PM



#66
 4-Bromophenyl-phenylether
 Concen: 37.09 ng
 RT: 16.56 min Scan# 2336
 Delta R.T. -0.00 min
 Lab File: BG018665.D
 Acq: 14 Sep 2015 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	169561		
250	103.7	77.8	116.8	
141	59.2	50.4	75.6	





#67

Hexachlorobenzene

Concen: 38.43 ng

RT: 16.68 min Scan# 2356

Delta R.T. -0.00 min

Lab File: BG018665.D

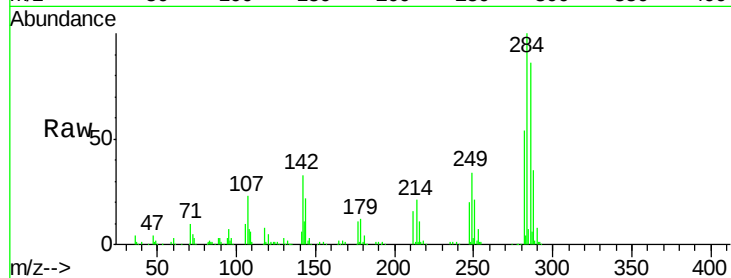
Acq: 14 Sep 2015 17:05

Instrument :

BNA_G

ClientSampleId :

PB85494BS



Tgt Ion:284 Resp: 190858

Ion Ratio Lower Upper

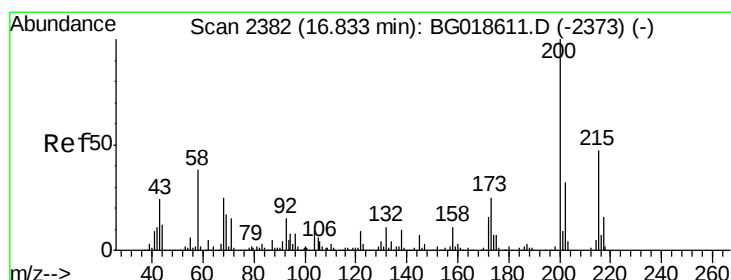
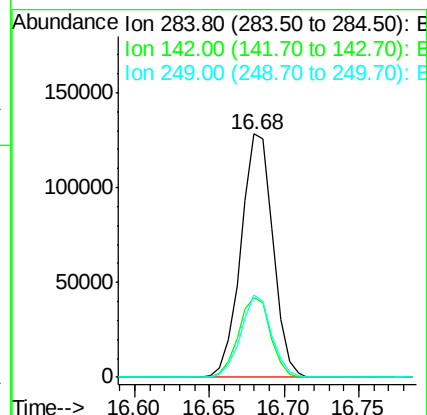
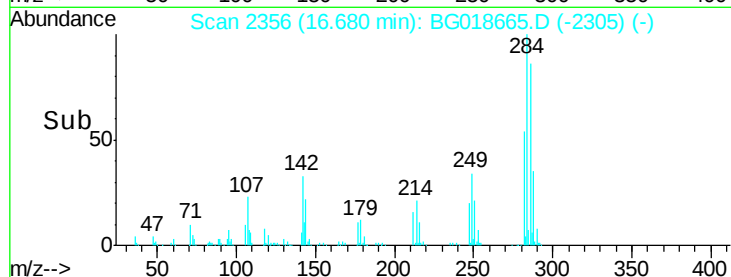
284 100

142 32.8 26.6 39.8

249 33.7 26.2 39.2

Manual Integrations
APPROVED

MMDadoda
9/15/2015 1:34:02 PM



#68

Atrazine

Concen: 40.72 ng

RT: 16.83 min Scan# 2381

Delta R.T. -0.00 min

Lab File: BG018665.D

Acq: 14 Sep 2015 17:05

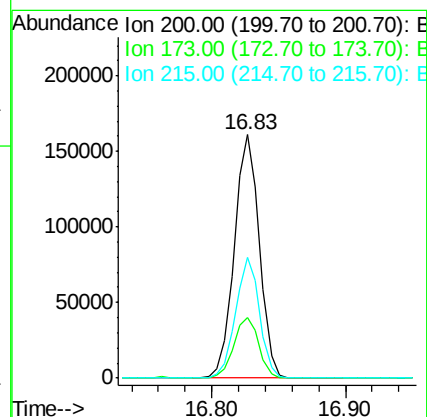
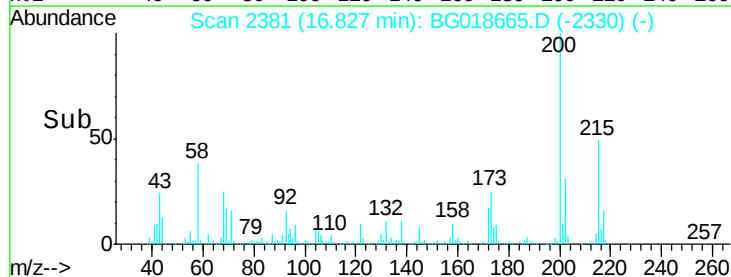
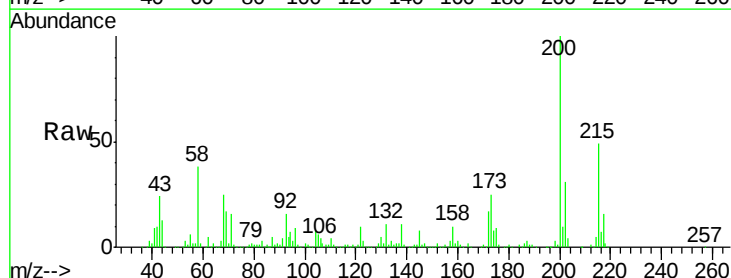
Tgt Ion:200 Resp: 210746

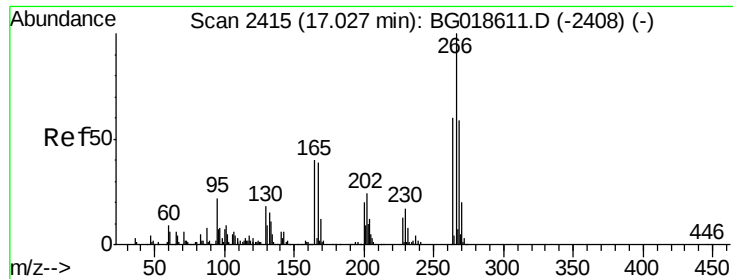
Ion Ratio Lower Upper

200 100

173 24.7 5.2 45.2

215 49.5 27.0 67.0





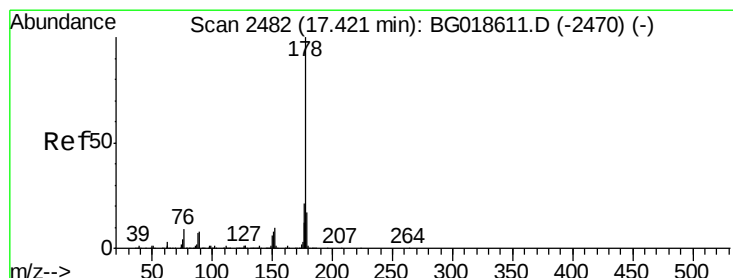
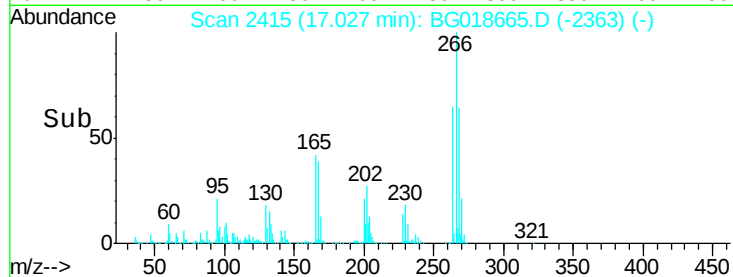
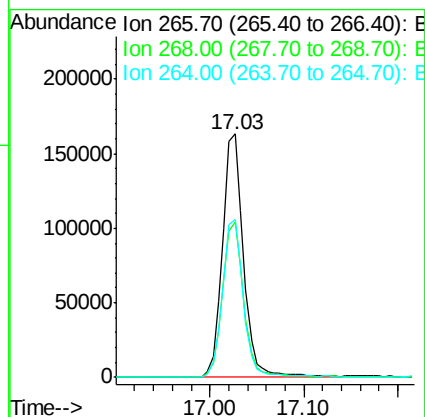
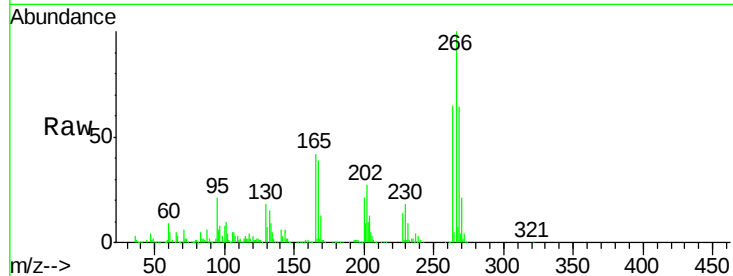
#69
 Pentachlorophenol
 Concen: 83.62 ng
 RT: 17.03 min Scan# 2415
 Delta R.T. 0.01 min
 Lab File: BG018665.D
 Acq: 14 Sep 2015 17:05

Instrument :
 BNA_G
 ClientSampleId :
 PB85494BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	256131		
268	63.7	47.6	71.4	
264	64.6	48.1	72.1	

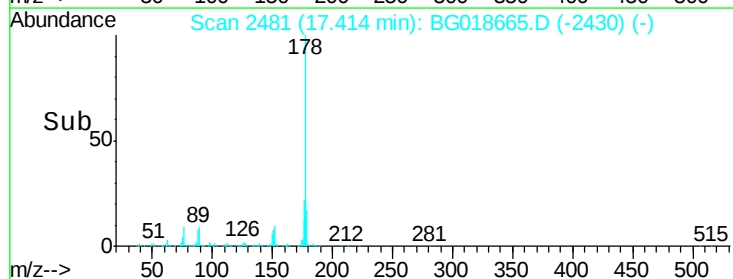
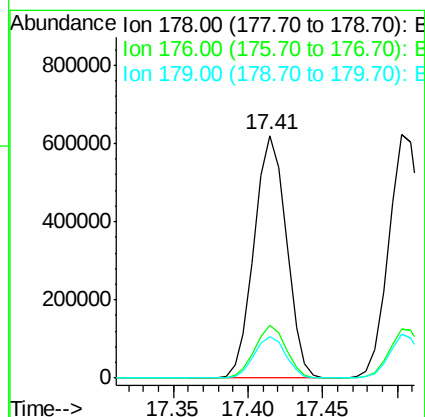
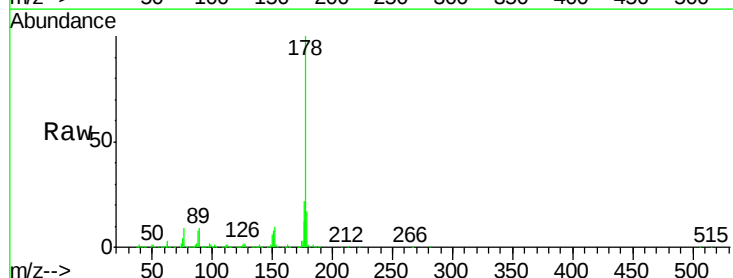
Manual Integrations
 APPROVED

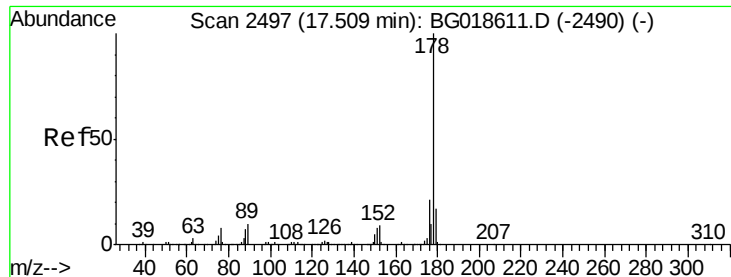
MMDadoda
 9/15/2015 1:34:02 PM



#70
 Phenanthrene
 Concen: 39.21 ng
 RT: 17.41 min Scan# 2481
 Delta R.T. -0.00 min
 Lab File: BG018665.D
 Acq: 14 Sep 2015 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	926986		
176	21.9	16.7	25.1	
179	17.1	13.9	20.9	





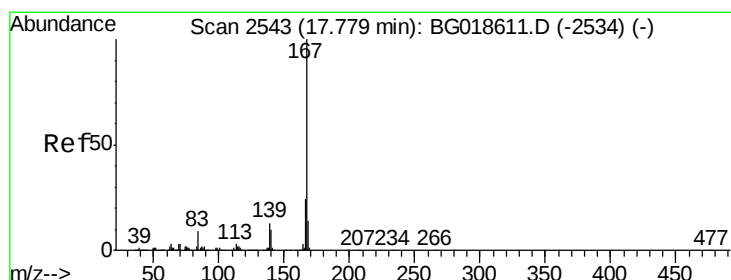
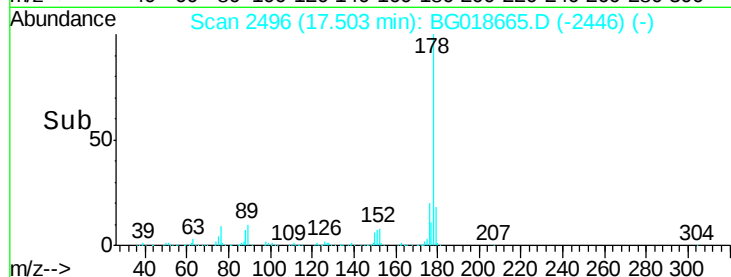
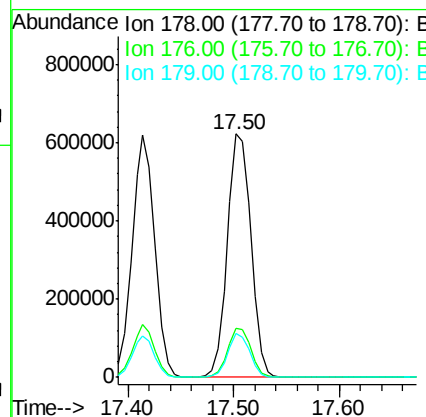
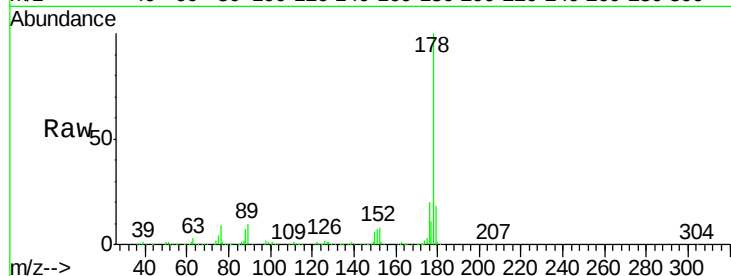
#71
 Anthracene
 Concen: 40.22 ng
 RT: 17.50 min Scan# 2496
 Delta R.T. -0.01 min
 Lab File: BG018665.D
 Acq: 14 Sep 2015 17:05

Instrument :
 BNA_G
 ClientSampleId :
 PB85494BS

Tgt Ion:	178	Resp:	962770
Ion Ratio	Lower	Upper	
178	100		
176	20.4	16.8	25.2
179	17.8	13.9	20.9

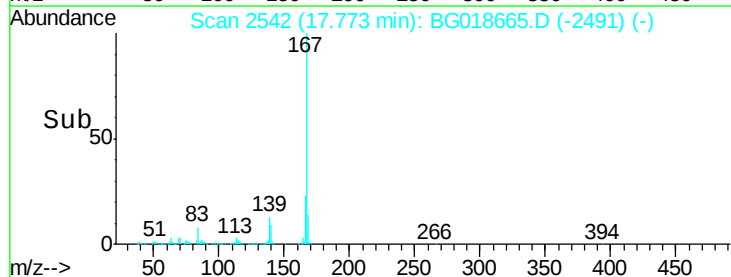
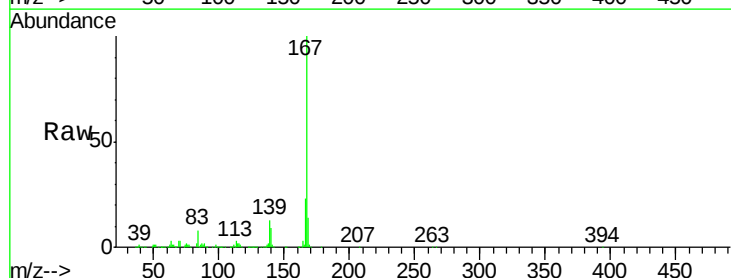
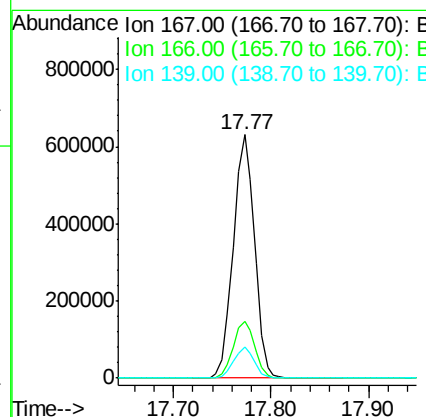
Manual Integrations
 APPROVED

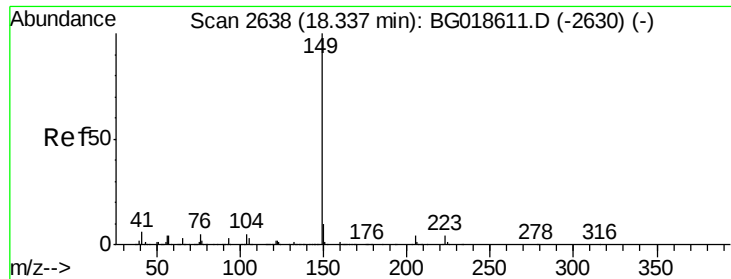
MMDadoda
 9/15/2015 1:34:02 PM



#72
 Carbazole
 Concen: 41.17 ng
 RT: 17.77 min Scan# 2542
 Delta R.T. -0.00 min
 Lab File: BG018665.D
 Acq: 14 Sep 2015 17:05

Tgt Ion:	167	Resp:	953974
Ion Ratio	Lower	Upper	
167	100		
166	23.1	19.0	28.6
139	13.0	10.2	15.4





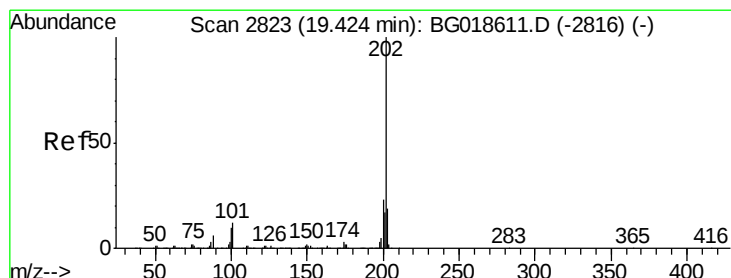
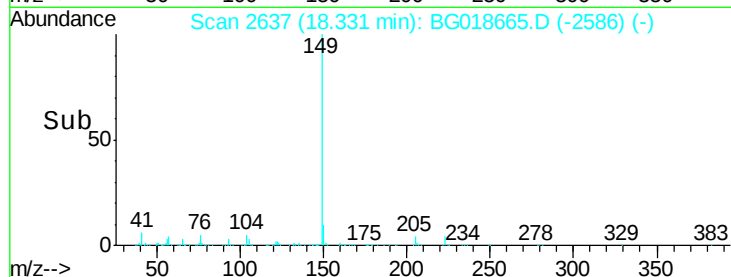
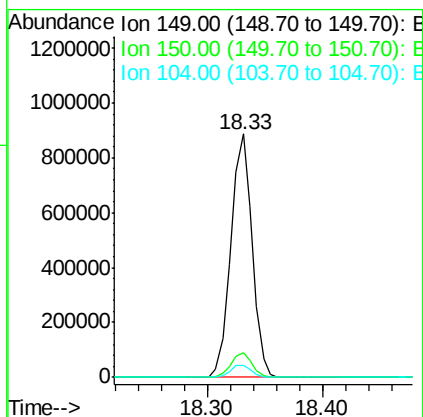
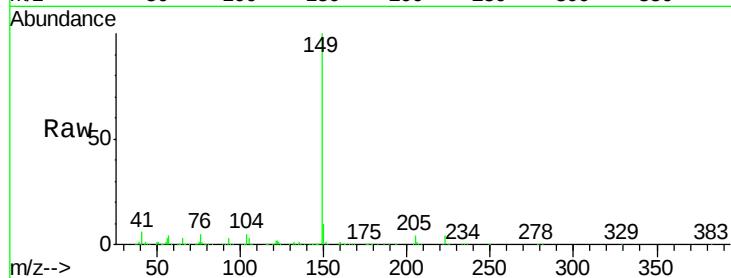
#73
Di-n-butylphthalate
Concen: 41.05 ng
RT: 18.33 min Scan# 2637
Delta R.T. -0.00 min
Lab File: BG018665.D
Acq: 14 Sep 2015 17:05

Instrument :
BNA_G
ClientSampleId :
PB85494BS

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.4	8.2	12.4
104	5.1	4.4	6.6

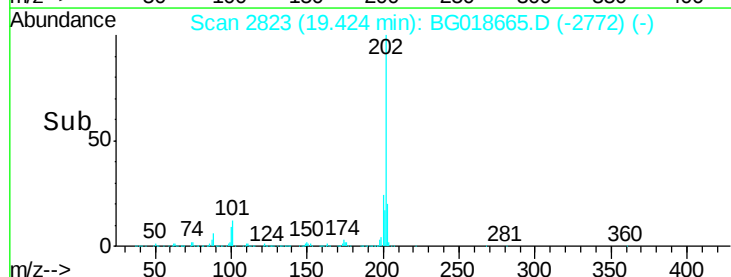
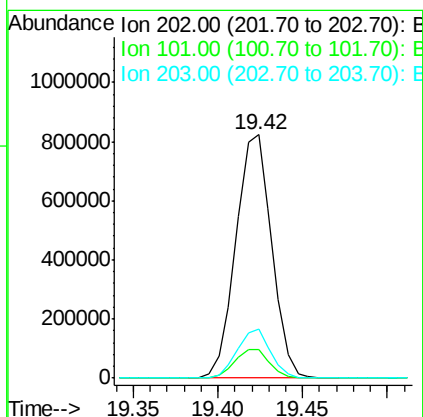
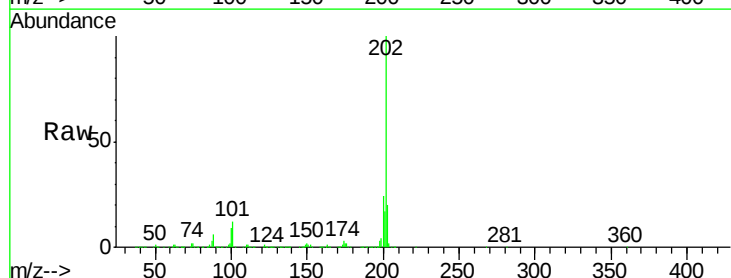
Manual Integrations
APPROVED

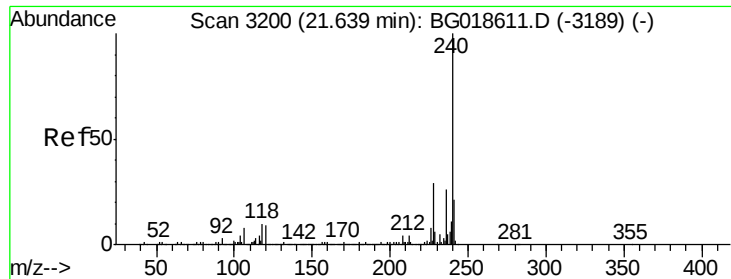
MMDadoda
9/15/2015 1:34:02 PM



#74
Fluoranthene
Concen: 41.39 ng
RT: 19.42 min Scan# 2823
Delta R.T. -0.00 min
Lab File: BG018665.D
Acq: 14 Sep 2015 17:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	32.4
203	20.0	0.0	39.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.63 min Scan# 3199

Delta R.T. -0.00 min

Lab File: BG018665.D

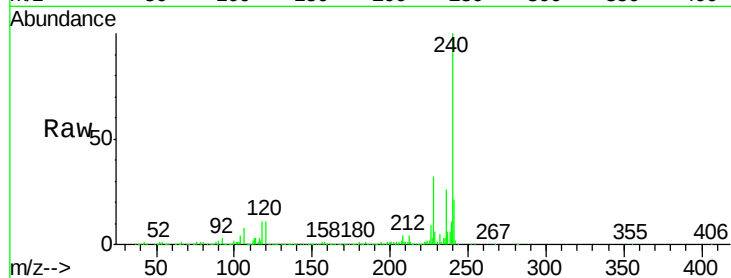
Acq: 14 Sep 2015 17:05

Instrument :

BNA_G

ClientSampleId :

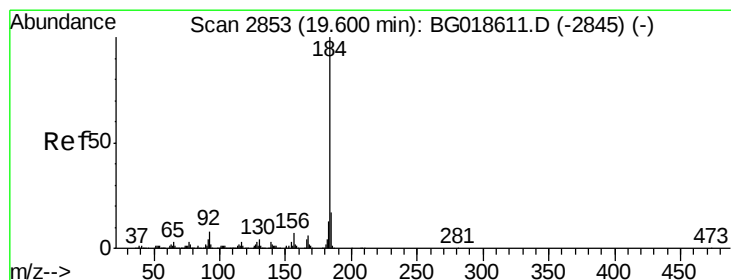
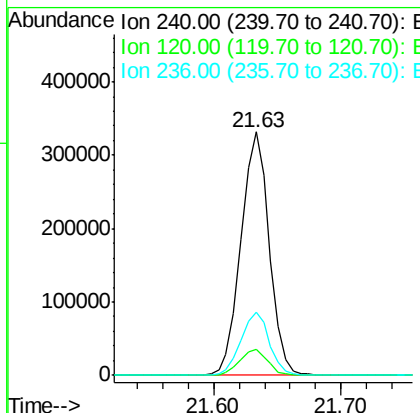
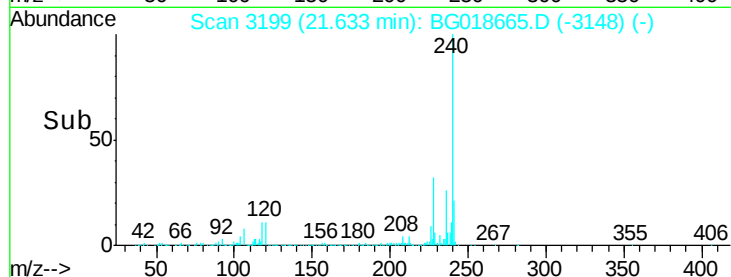
PB85494BS



Tgt Ion:	240	Resp:	513749
Ion Ratio	Lower	Upper	
240	100		
120	10.9	7.4	11.0
236	25.9	20.7	31.1

Manual Integrations
APPROVED

MMDadoda
9/15/2015 1:34:02 PM



#76

Benzidine

Concen: 37.55 ng

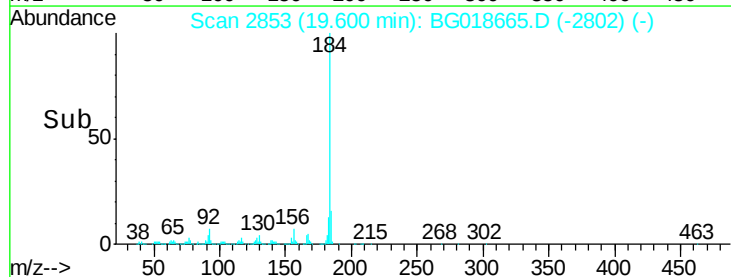
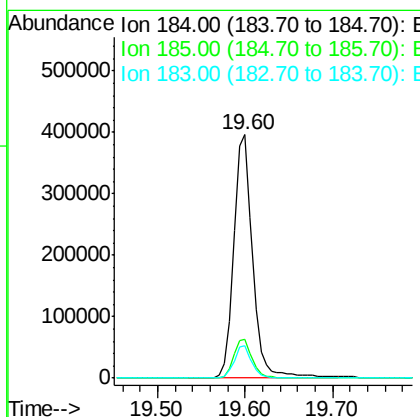
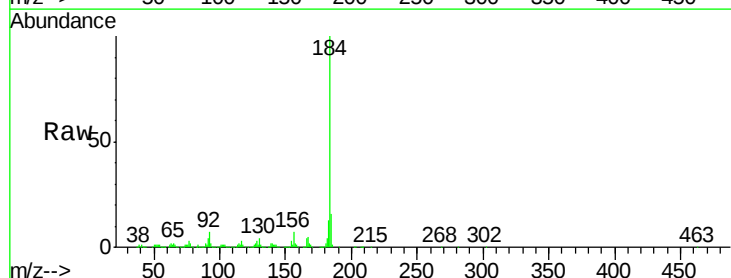
RT: 19.60 min Scan# 2853

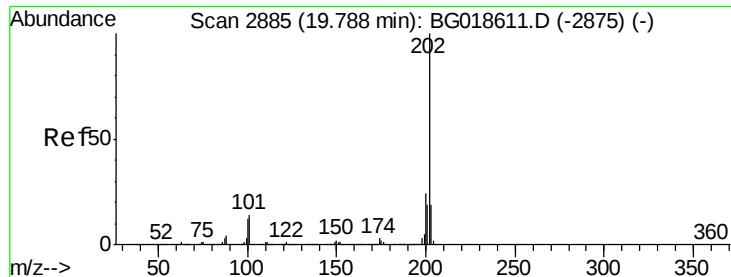
Delta R.T. -0.00 min

Lab File: BG018665.D

Acq: 14 Sep 2015 17:05

Tgt Ion:	184	Resp:	579392
Ion Ratio	Lower	Upper	
184	100		
185	15.7	13.4	20.2
183	13.3	10.1	15.1





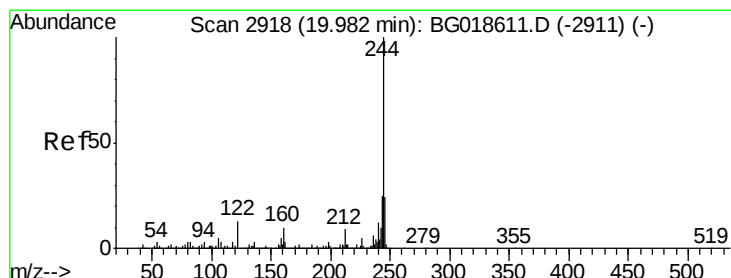
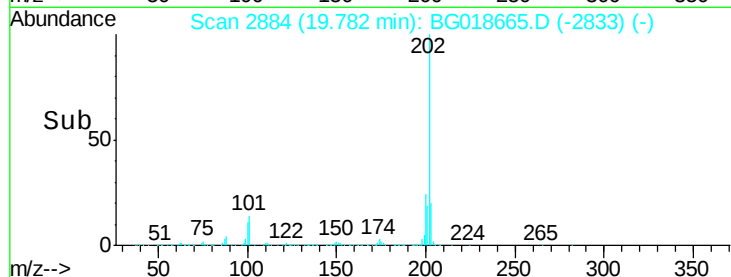
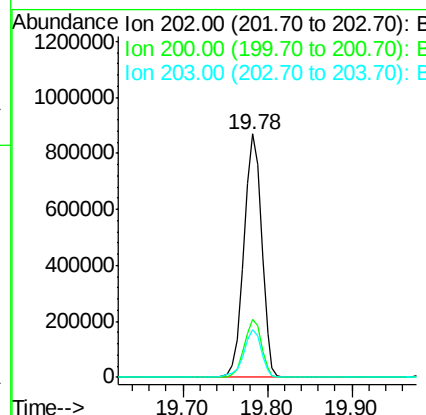
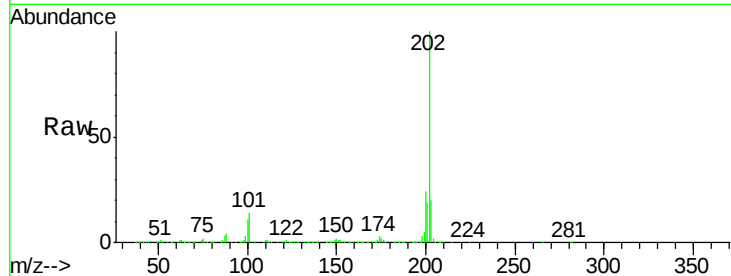
#77
 Pyrene
 Concen: 39.63 ng
 RT: 19.78 min Scan# 2884
 Delta R.T. -0.00 min
 Lab File: BG018665.D
 Acq: 14 Sep 2015 17:05

Instrument :
 BNA_G
 ClientSampleId :
 PB85494BS

Tgt	Ion	Ratio	Lower	Upper
202	100			
200	23.7	19.4	29.0	
203	19.7	15.5	23.3	

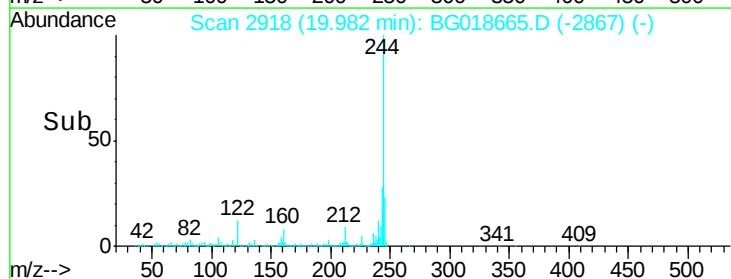
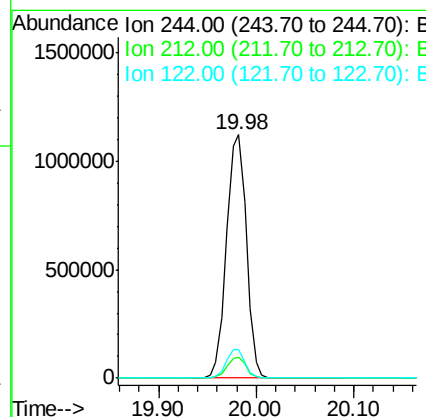
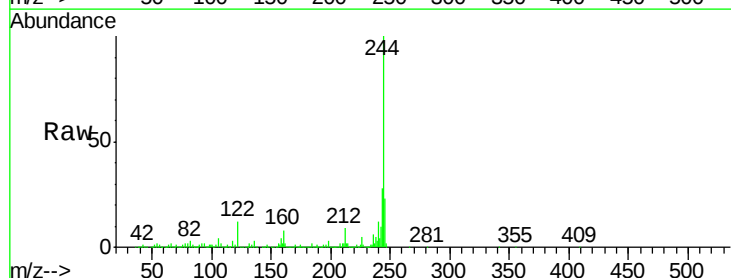
Manual Integrations
 APPROVED

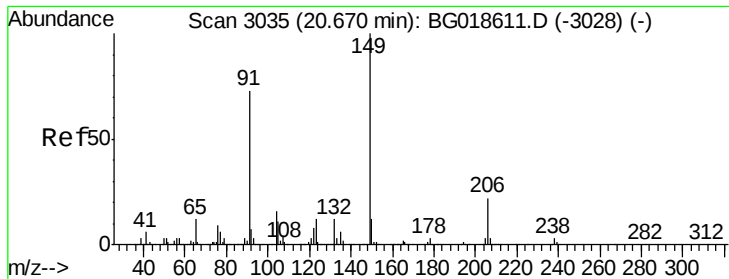
MMDadoda
 9/15/2015 1:34:02 PM



#78
 Terphenyl-d14
 Concen: 80.93 ng
 RT: 19.98 min Scan# 2918
 Delta R.T. -0.00 min
 Lab File: BG018665.D
 Acq: 14 Sep 2015 17:05

Tgt	Ion	Ratio	Lower	Upper
244	100			
212	8.5	6.9	10.3	
122	11.7	10.2	15.2	





#79

Butylbenzylphthalate

Concen: 40.20 ng

RT: 20.66 min Scan# 3034

Delta R.T. -0.01 min

Lab File: BG018665.D

Acq: 14 Sep 2015 17:05

Instrument :

BNA_G

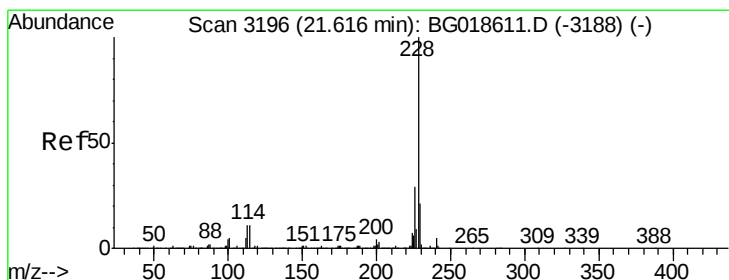
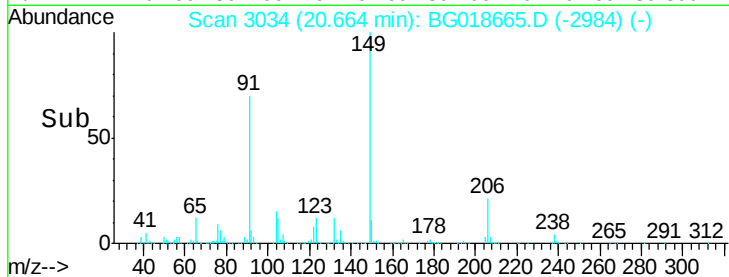
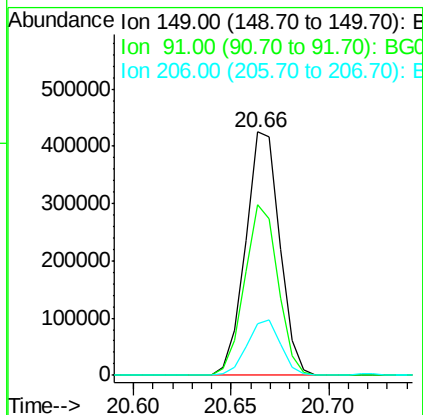
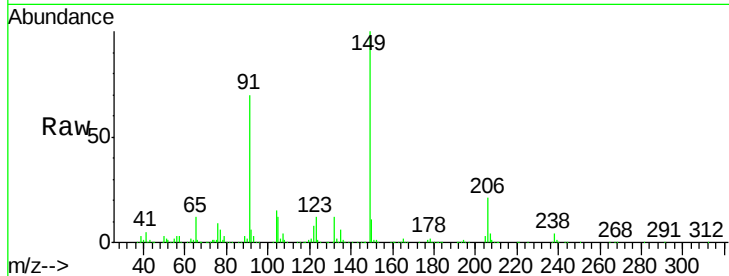
ClientSampleId :

PB85494BS

Manual Integrations
APPROVED

MMDadoda
9/15/2015 1:34:02 PM

Tgt Ion:	149	Resp:	516028
Ion Ratio	Lower	Upper	
149	100		
91	70.1	58.1	87.1
206	21.2	17.8	26.8



#80

Benzo(a)anthracene

Concen: 39.19 ng

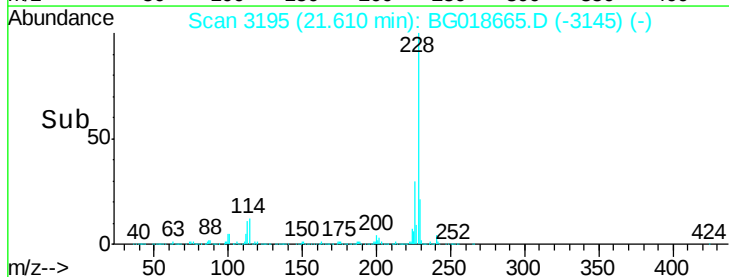
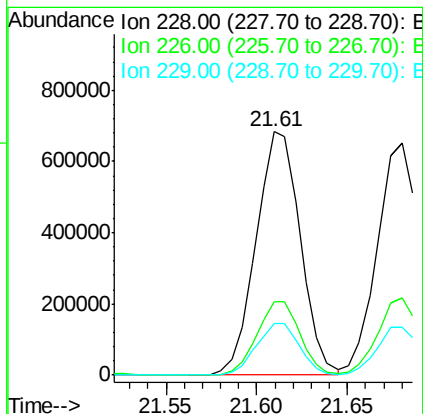
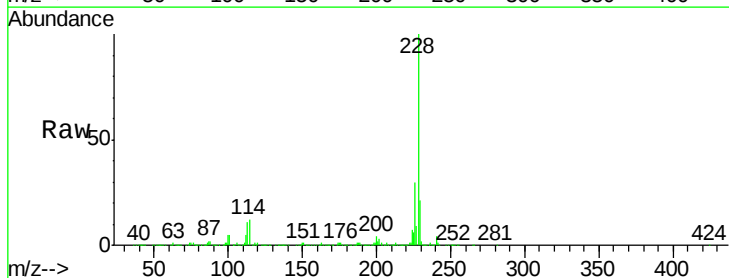
RT: 21.61 min Scan# 3195

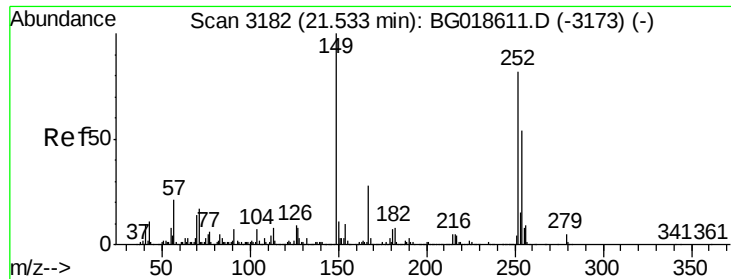
Delta R.T. -0.01 min

Lab File: BG018665.D

Acq: 14 Sep 2015 17:05

Tgt Ion:	228	Resp:	1159241
Ion Ratio	Lower	Upper	
228	100		
226	30.3	23.4	35.0
229	21.3	16.6	25.0





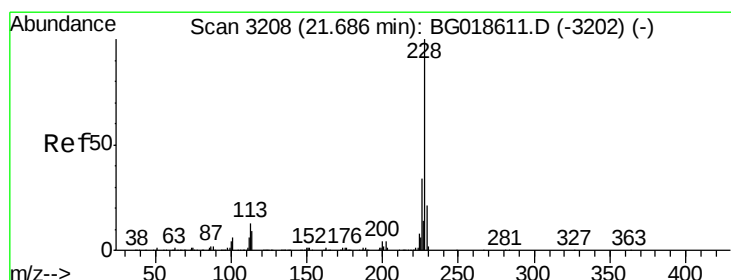
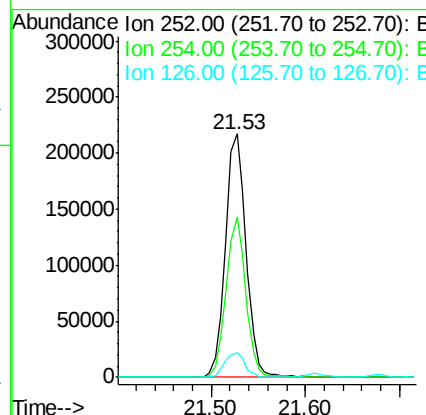
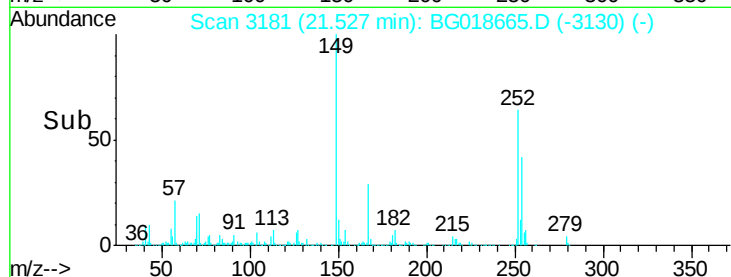
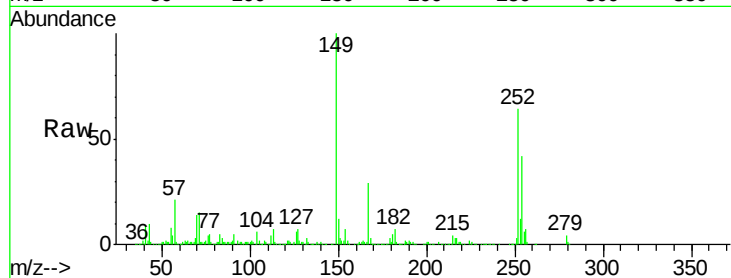
#81
 3,3'-Dichlorobenzidine
 Concen: 29.72 ng
 RT: 21.53 min Scan# 3181
 Delta R.T. -0.00 min
 Lab File: BG018665.D
 Acq: 14 Sep 2015 17:05

Instrument :
 BNA_G
 ClientSampleId :
 PB85494BS

Manual Integrations
 APPROVED

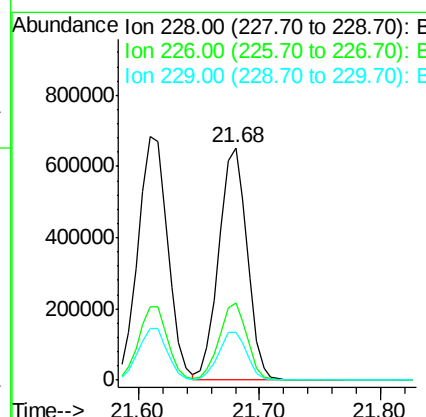
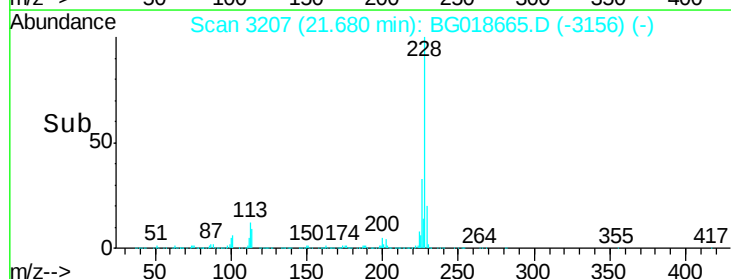
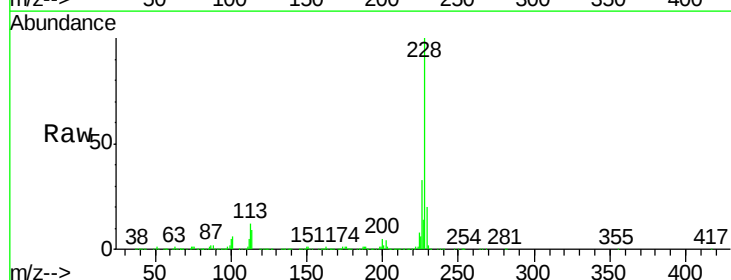
MMDadoda
 9/15/2015 1:34:02 PM

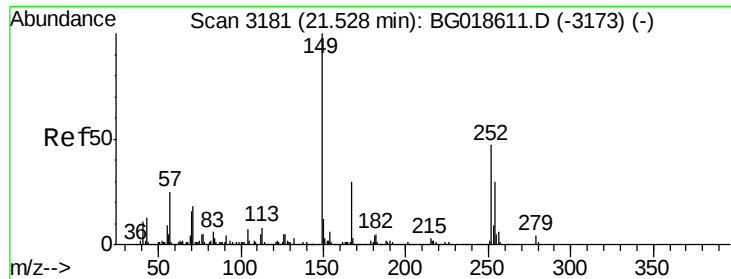
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	333926		
254	65.9	52.5	78.7	
126	10.0	8.5	12.7	



#82
 Chrysene
 Concen: 37.80 ng
 RT: 21.68 min Scan# 3207
 Delta R.T. -0.00 min
 Lab File: BG018665.D
 Acq: 14 Sep 2015 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1052862		
226	33.1	26.7	40.1	
229	20.4	17.0	25.6	





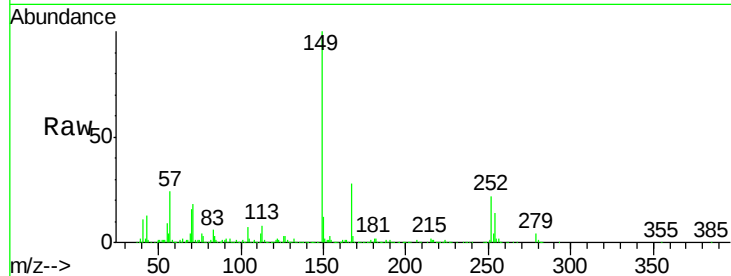
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.77 ng
 RT: 21.52 min Scan# 3179
 Delta R.T. -0.01 min
 Lab File: BG018665.D
 Acq: 14 Sep 2015 17:05

Instrument :
 BNA_G
 ClientSampleId :
 PB85494BS

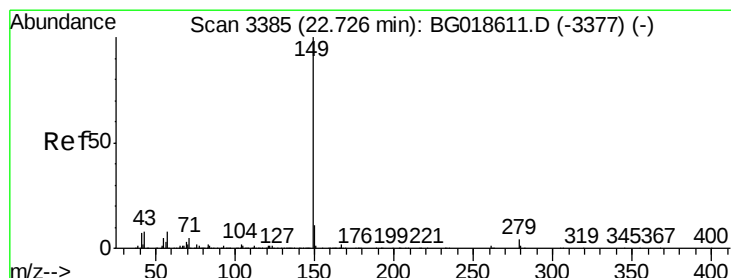
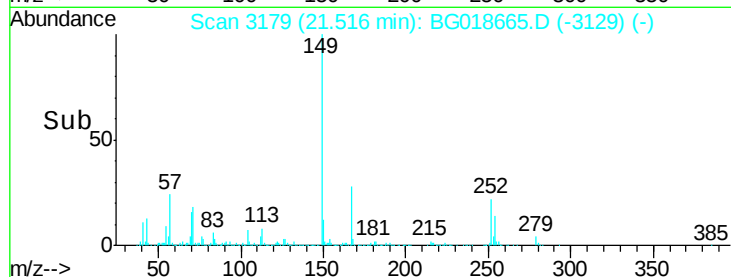
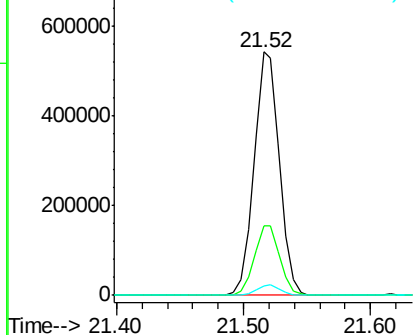
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	754874		
167	28.4	23.8	35.8	
279	4.0	3.4	5.2	

Manual Integrations
 APPROVED

MMDadoda
 9/15/2015 1:34:02 PM

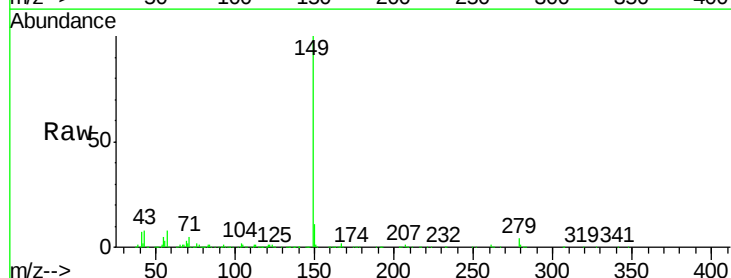


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

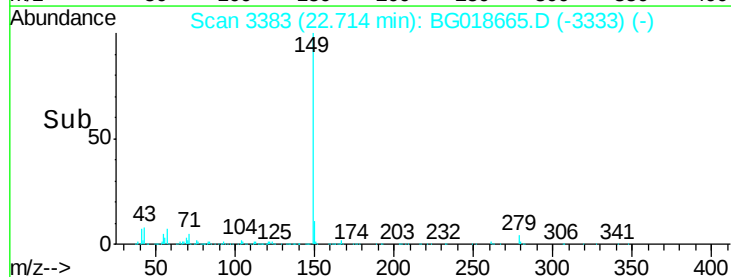
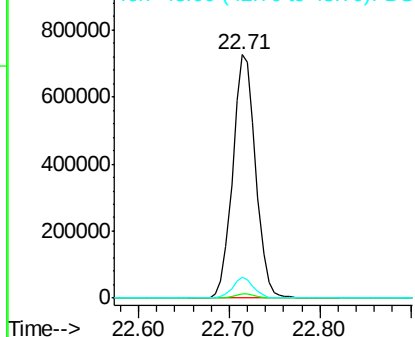


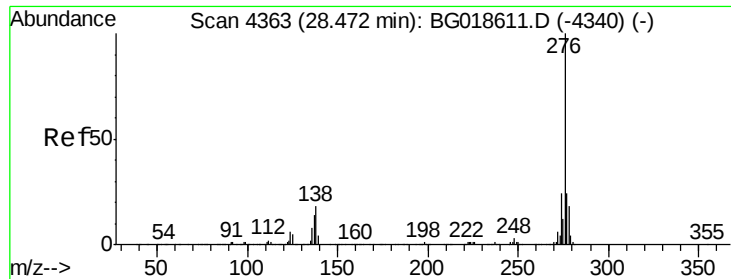
#84
 Di-n-octyl phthalate
 Concen: 40.65 ng
 RT: 22.71 min Scan# 3383
 Delta R.T. -0.01 min
 Lab File: BG018665.D
 Acq: 14 Sep 2015 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1273169		
167	1.7	1.2	1.8	
43	8.0	5.9	8.9	



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BG0





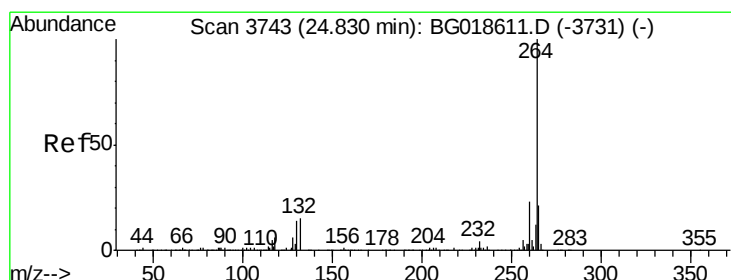
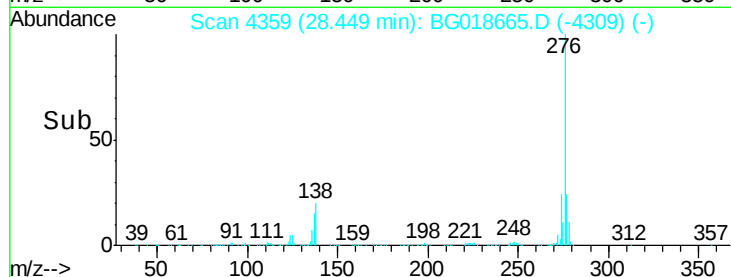
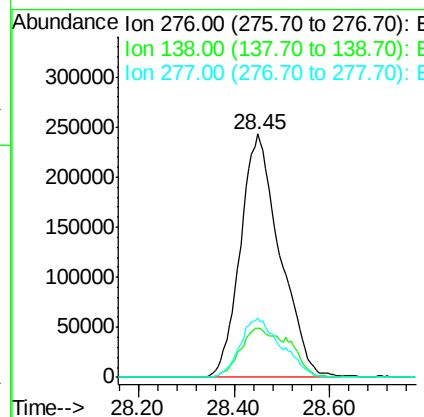
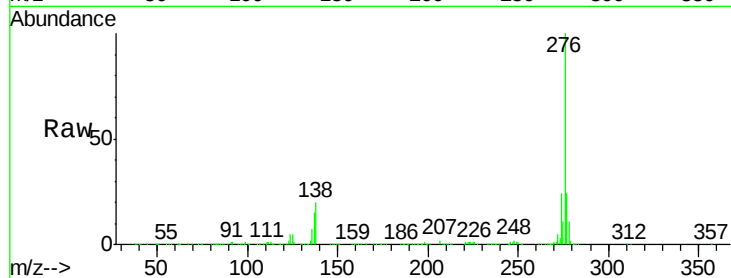
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.44 ng
 RT: 28.45 min Scan# 4359
 Delta R.T. -0.01 min
 Lab File: BG018665.D
 Acq: 14 Sep 2015 17:05

Instrument :
 BNA_G
 ClientSampleId :
 PB85494BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.9	0.0	0.0#
277	25.3	0.0	0.0#

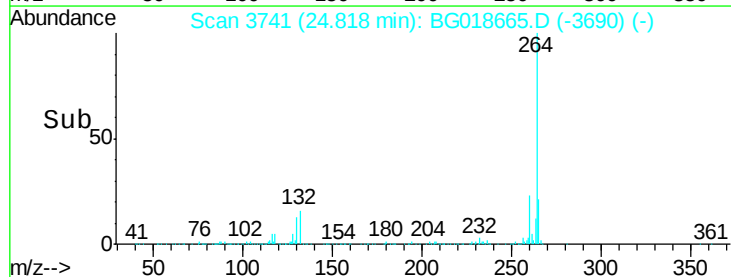
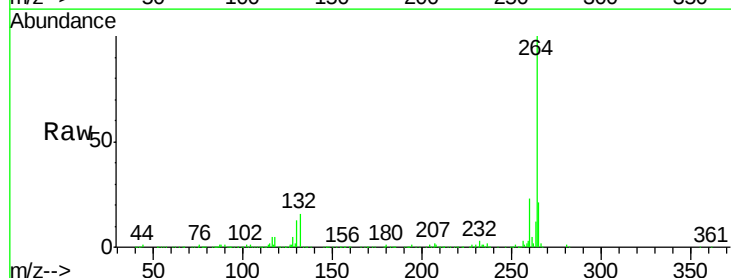
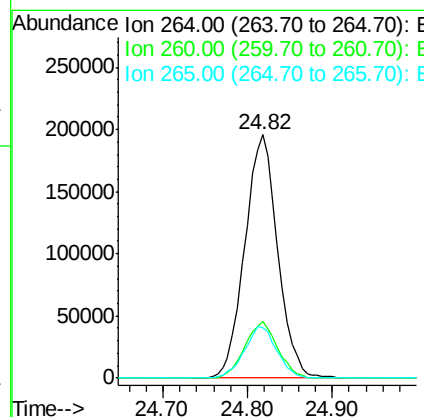
Manual Integrations
 APPROVED

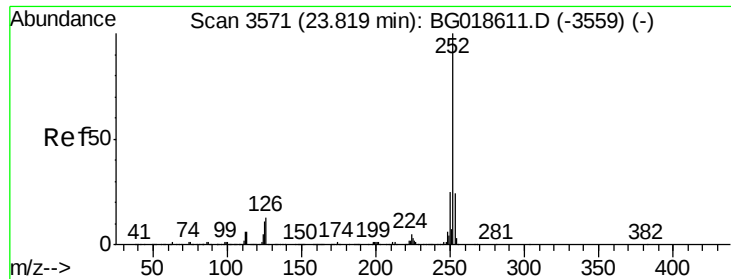
MMDadoda
 9/15/2015 1:34:02 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.82 min Scan# 3741
 Delta R.T. -0.00 min
 Lab File: BG018665.D
 Acq: 14 Sep 2015 17:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	20.6	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 40.65 ng

RT: 23.81 min Scan# 3569

Delta R.T. -0.01 min

Lab File: BG018665.D

Acq: 14 Sep 2015 17:05

Instrument :

BNA_G

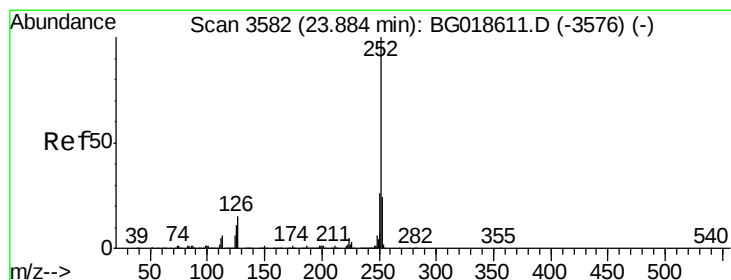
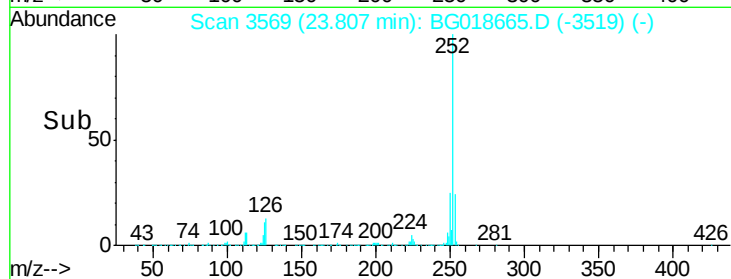
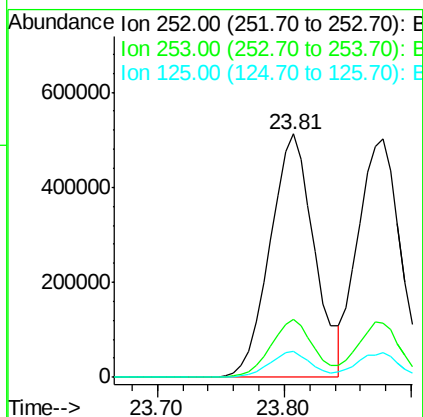
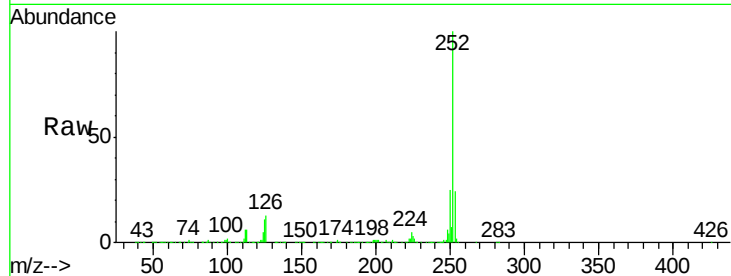
ClientSampleId :

PB85494BS

Tgt Ion:	252	Resp:	1244204
Ion Ratio	Lower	Upper	
252	100		
253	23.9	19.1	28.7
125	10.6	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
9/15/2015 1:34:02 PM



#88

Benzo(k)fluoranthene

Concen: 37.77 ng

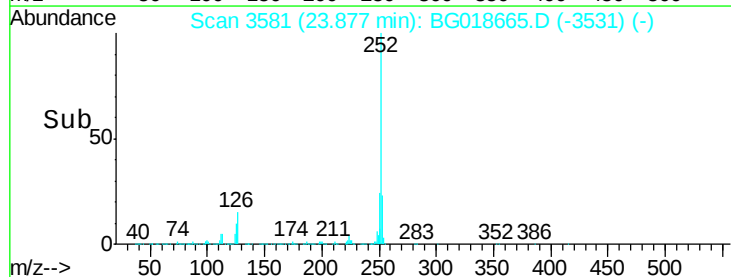
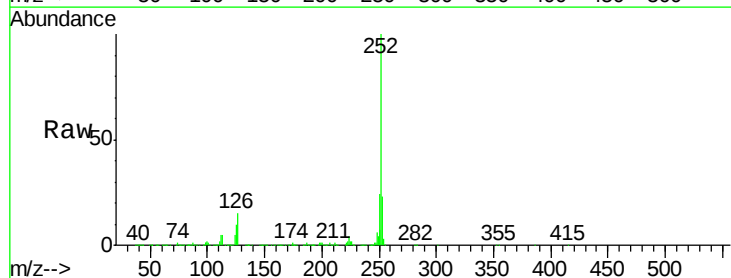
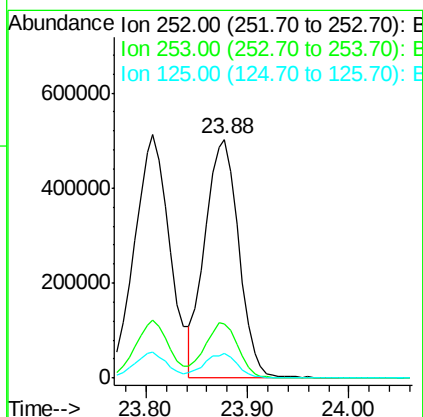
RT: 23.88 min Scan# 3581

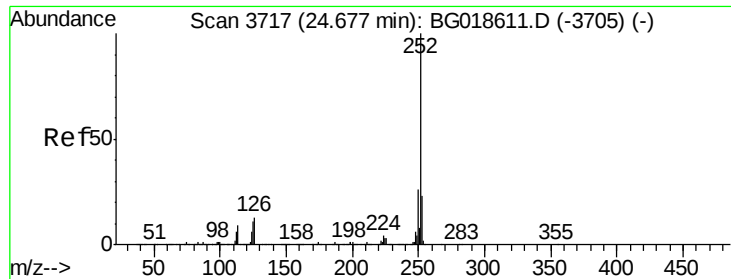
Delta R.T. -0.01 min

Lab File: BG018665.D

Acq: 14 Sep 2015 17:05

Tgt Ion:	252	Resp:	1158304
Ion Ratio	Lower	Upper	
252	100		
253	22.8	19.0	28.4
125	10.4	8.9	13.3





#89

Benzo(a)pyrene

Concen: 40.67 ng

RT: 24.67 min Scan# 3716

Delta R.T. -0.01 min

Lab File: BG018665.D

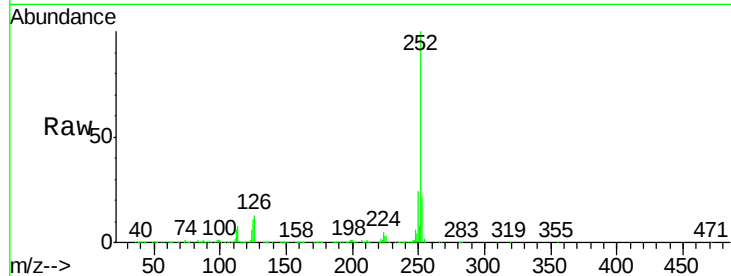
Acq: 14 Sep 2015 17:05

Instrument :

BNA_G

ClientSampleId :

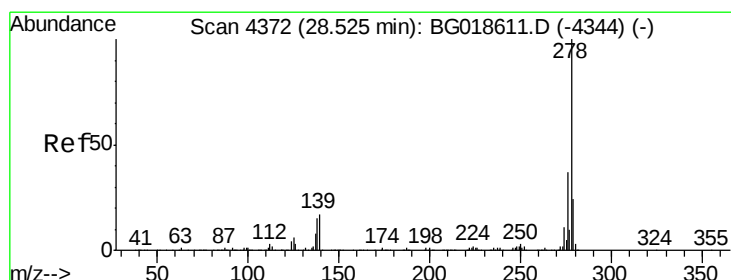
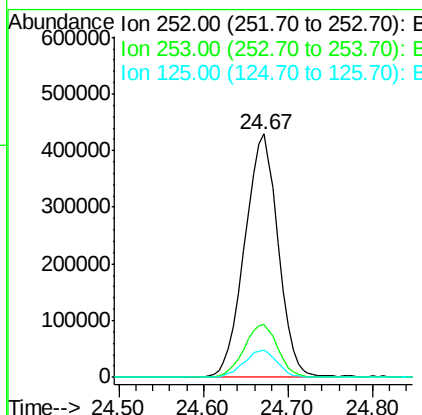
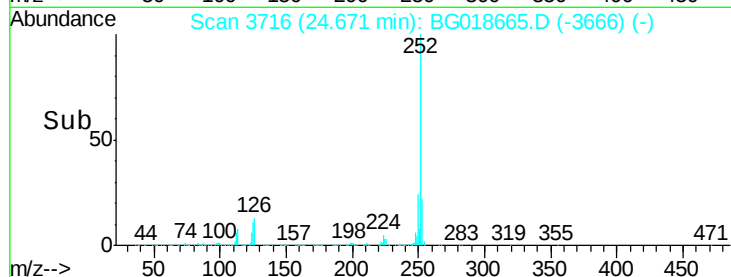
PB85494BS



Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.7	28.1
125	11.0	9.1	13.7

Manual Integrations
APPROVED

MMDadoda
9/15/2015 1:34:02 PM



#90

Dibenzo(a,h)anthracene

Concen: 39.57 ng

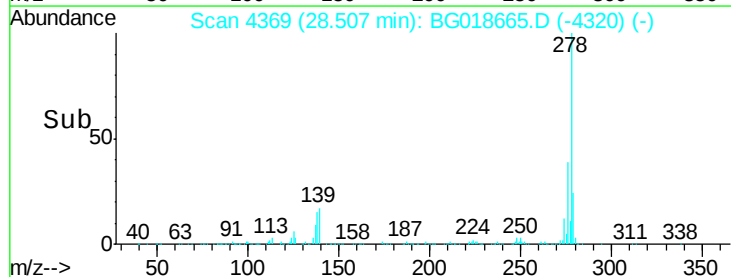
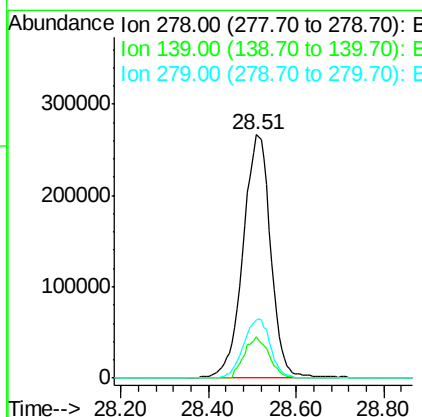
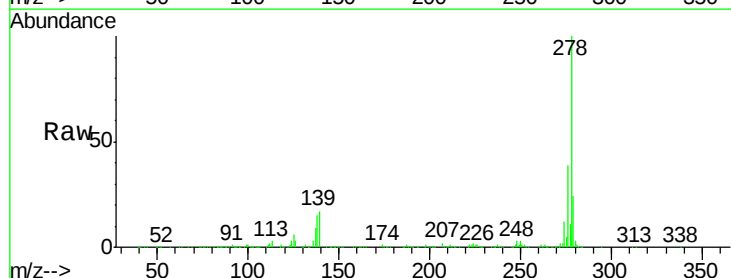
RT: 28.51 min Scan# 4369

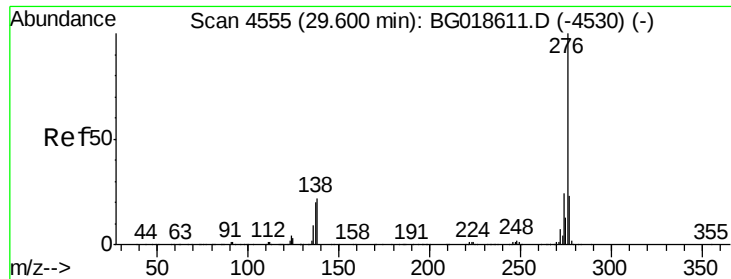
Delta R.T. -0.01 min

Lab File: BG018665.D

Acq: 14 Sep 2015 17:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.2	13.8	20.6
279	23.9	19.4	29.0





#91

Benzo(g,h,i)perylene

Concen: 39.57 ng

RT: 29.59 min Scan# 4553

Delta R.T. -0.01 min

Lab File: BG018665.D

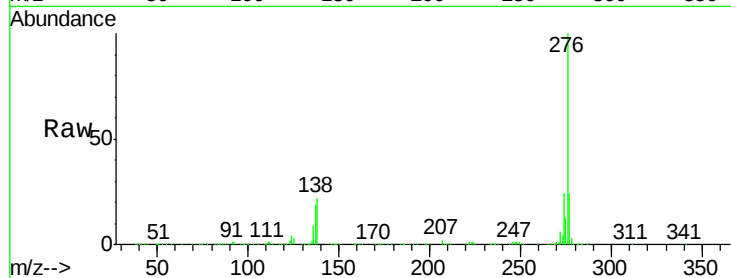
Acq: 14 Sep 2015 17:05

Instrument :

BNA_G

ClientSampleId :

PB85494BS



Tgt Ion: 276 Resp: 1155723

Ion Ratio Lower Upper

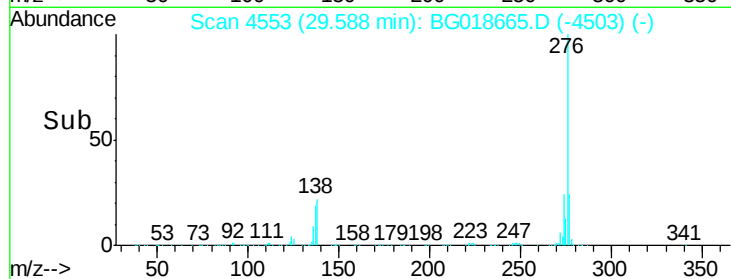
276 100

277 24.2 18.4 27.6

138 21.9 17.4 26.0

Manual Integrations
APPROVED

MMDadoda
9/15/2015 1:34:02 PM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

