

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101015\
 Data File : BG019104.D
 Acq On : 10 Oct 2015 6:42
 Operator : UM/NP
 Sample : PB85924BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB85924BS

Manual Integrations
 APPROVED

MMdadoda
 10/12/2015 7:00:47 PM

Quant Time: Oct 12 05:19:21 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 10 07:04:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	18919	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	85127	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	58180	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	152171	20.00	ng	0.00
75) Chrysene-d12	21.68	240	189935	20.00	ng	0.00
86) Perylene-d12	24.91	264	179531	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	128919	138.74	ng	0.00
7) Phenol-d6	7.20	99	196403	137.59	ng	0.00
23) Nitrobenzene-d5	9.19	82	130229	84.53	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	106785	134.69	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	310113	81.96	ng	0.00
78) Terphenyl-d14	20.02	244	632748	88.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	12384	31.69	ng	96
3) Pyridine	3.90	79	39398	32.97	ng	95
4) n-Nitrosodimethylamine	3.81	42	25597	37.78	ng	92
6) Aniline	7.36	93	55391	28.66	ng	97
8) 2-Chlorophenol	7.60	128	51265	43.97	ng	97
9) Benzaldehyde	7.17	77	11089	12.33	ng	96
10) Phenol	7.23	94	67106	45.15	ng	99
11) bis(2-Chloroethyl)ether	7.45	93	47155	41.98	ng	99
12) 1,3-Dichlorobenzene	7.92	146	50825	39.93	ng	95
13) 1,4-Dichlorobenzene	8.07	146	52855	40.58	ng	98
14) 1,2-Dichlorobenzene	8.39	146	50313	39.92	ng	98
15) Benzyl Alcohol	8.27	79	54021	42.35	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.57	45	100044	41.59	ng	99
17) 2-Methylphenol	8.47	107	47580	44.82	ng	99
18) Hexachloroethane	9.12	117	19596	39.48	ng	98
19) n-Nitroso-di-n-propylamine	8.84	70	42233	37.29	ng	98
20) 3+4-Methylphenols	8.80	107	66146	43.26	ng	97
22) Acetophenone	8.85	105	79643	40.01	ng	# 99
24) Nitrobenzene	9.24	77	65338	39.97	ng	98
25) Isophorone	9.76	82	121149	38.65	ng	99
26) 2-Nitrophenol	9.95	139	28300	40.61	ng	97
27) 2,4-Dimethylphenol	10.01	122	53618	44.02	ng	95
28) bis(2-Chloroethoxy)methane	10.24	93	66790	39.94	ng	98
29) 2,4-Dichlorophenol	10.48	162	56392	44.17	ng	98
30) 1,2,4-Trichlorobenzene	10.70	180	53210	38.83	ng	95
31) Naphthalene	10.89	128	162425	39.65	ng	99
32) Benzoic acid	10.14	122	27761	38.54	ng	86
33) 4-Chloroaniline	10.99	127	41979	22.05	ng	98
34) Hexachlorobutadiene	11.17	225	36243	38.57	ng	95
35) Caprolactam	11.76	113	20832m	44.29	ng	
36) 4-Chloro-3-methylphenol	12.11	107	69189	42.63	ng	97
37) 2-Methylnaphthalene	12.49	142	126789	39.83	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	68673	41.07	ng	99
40) Hexachlorocyclopentadiene	12.84	237	83338	95.81	ng	99

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101015\
 Data File : BG019104.D
 Acq On : 10 Oct 2015 6:42
 Operator : UM/NP
 Sample : PB85924BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 PB85924BS

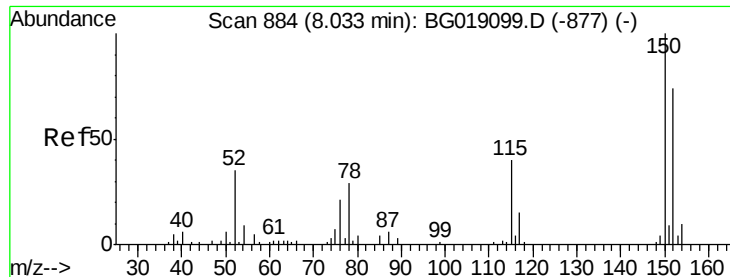
Manual Integrations
 APPROVED

MMdadoda
 10/12/2015 7:00:47 PM

Quant Time: Oct 12 05:19:21 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 10 07:04:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	48627	41.77	ng	94
43) 2,4,5-Trichlorophenol	13.17	196	55038	44.49	ng	97
45) 1,1'-Biphenyl	13.50	154	170847	40.43	ng	99
46) 2-Chloronaphthalene	13.54	162	133655	41.11	ng	97
47) 2-Nitroaniline	13.74	65	55033	42.16	ng	93
48) Acenaphthylene	14.38	152	229375	40.01	ng	99
49) Dimethylphthalate	14.11	163	190837	41.53	ng	100
50) 2,6-Dinitrotoluene	14.23	165	42224	43.01	ng	94
51) Acenaphthene	14.73	154	140179	40.66	ng	97
52) 3-Nitroaniline	14.56	138	31354	28.95	ng	# 98
53) 2,4-Dinitrophenol	14.76	184	50152	84.62	ng	92
54) Dibenzofuran	15.06	168	221286	43.44	ng	96
55) 4-Nitrophenol	14.88	139	78476	95.73	ng	98
56) 2,4-Dinitrotoluene	15.02	165	64639	45.29	ng	96
57) Fluorene	15.71	166	188434	42.64	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.29	232	55521	47.41	ng	99
59) Diethylphthalate	15.48	149	203957	42.73	ng	99
60) 4-Chlorophenyl-phenylether	15.70	204	94997	42.19	ng	99
61) 4-Nitroaniline	15.73	138	49758	42.27	ng	91
62) Azobenzene	15.99	77	194256	43.89	ng	99
64) 4,6-Dinitro-2-methylphenol	15.78	198	38446	46.27	ng	99
65) n-Nitrosodiphenylamine	15.92	169	171581	40.80	ng	99
66) 4-Bromophenyl-phenylether	16.59	248	66519	43.02	ng	98
67) Hexachlorobenzene	16.71	284	76680	42.22	ng	99
68) Atrazine	16.86	200	78511	45.33	ng	98
69) Pentachlorophenol	17.06	266	91598	96.75	ng	96
70) Phenanthrene	17.45	178	335879	42.89	ng	99
71) Anthracene	17.54	178	343588	43.86	ng	98
72) Carbazole	17.81	167	323784	44.16	ng	98
73) Di-n-butylphthalate	18.37	149	397494	44.26	ng	99
74) Fluoranthene	19.46	202	449626	44.62	ng	100
76) Benzidine	19.64	184	143823	29.51	ng	98
77) Pyrene	19.82	202	462688	43.50	ng	99
79) Butylbenzylphthalate	20.71	149	185307	42.76	ng	99
80) Benzo(a)anthracene	21.66	228	438092	43.03	ng	99
81) 3,3'-Dichlorobenzidine	21.57	252	102954	27.34	ng	97
82) Chrysene	21.73	228	396822	41.06	ng	99
83) Bis(2-ethylhexyl)phthalate	21.57	149	255990	42.53	ng	100
84) Di-n-octyl phthalate	22.80	149	436206	41.95	ng	100
85) Indeno(1,2,3-cd)pyrene	28.59	276	486069	41.33	ng	# 94
87) Benzo(b)fluoranthene	23.88	252	429558	44.50	ng	99
88) Benzo(k)fluoranthene	23.95	252	418261	43.89	ng	99
89) Benzo(a)pyrene	24.76	252	413077	45.30	ng	98
90) Dibenzo(a,h)anthracene	28.66	278	426709	43.58	ng	98
91) Benzo(g,h,i)perylene	29.75	276	400083	43.94	ng	97

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



#1

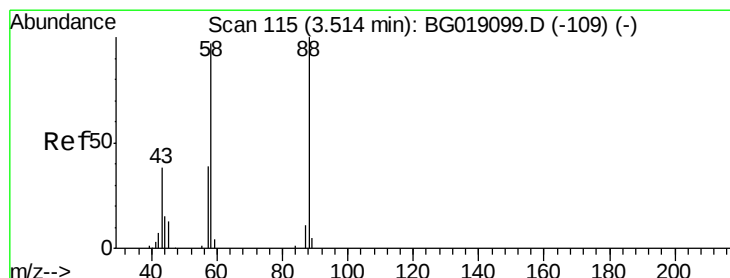
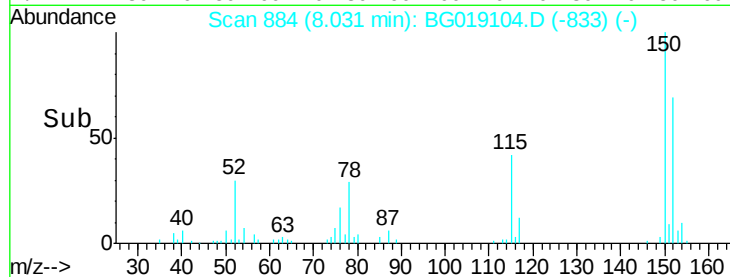
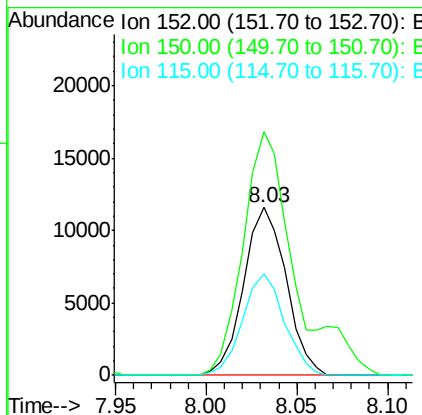
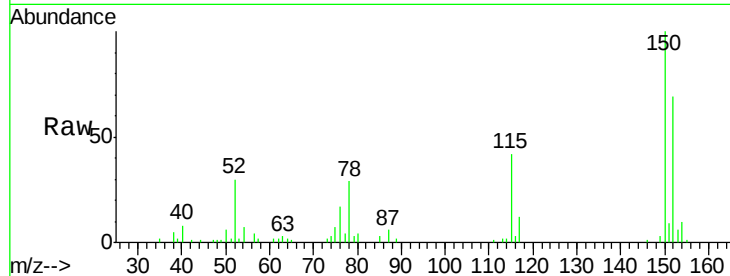
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 884
Delta R.T. -0.00 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Instrument :
BNA_G
ClientSampleId :
PB85924BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	145.1	108.2	162.2
115	60.6	43.2	64.8

Manual Integrations
APPROVED

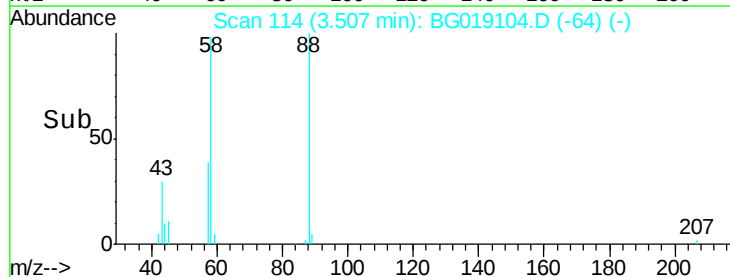
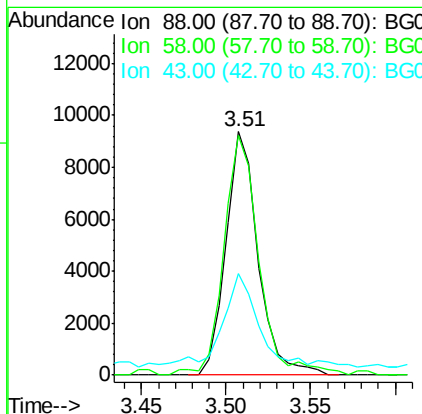
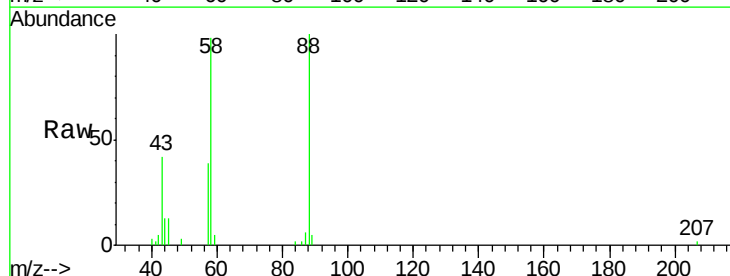
MMdadoda
10/12/2015 7:00:47 PM

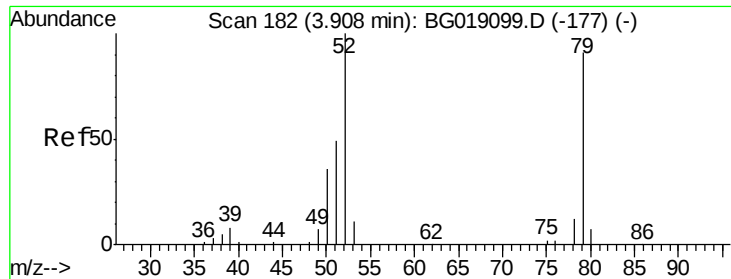


#2

1,4-Dioxane
Concen: 31.69 ng
RT: 3.51 min Scan# 114
Delta R.T. -0.01 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	106.6	81.1	121.7
43	38.6	31.0	46.6





#3

Pyridine

Concen: 32.97 ng

RT: 3.90 min Scan# 181

Delta R.T. -0.01 min

Lab File: BG019104.D

Acq: 10 Oct 2015 6:42

Instrument :

BNA_G

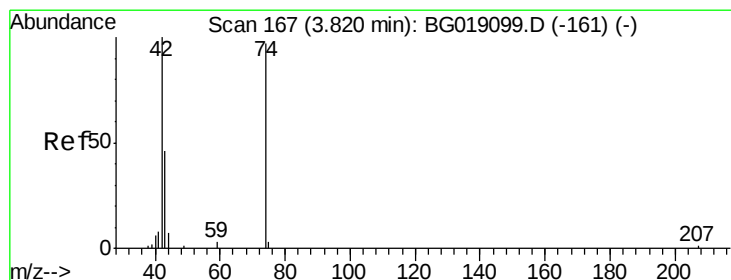
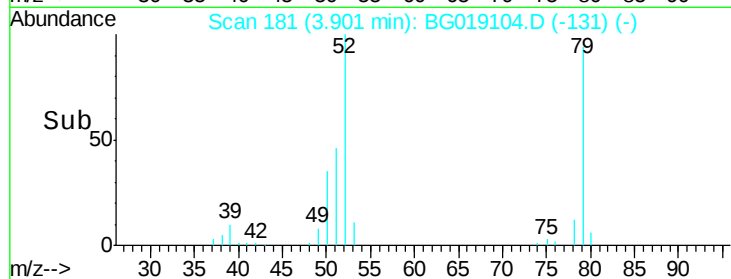
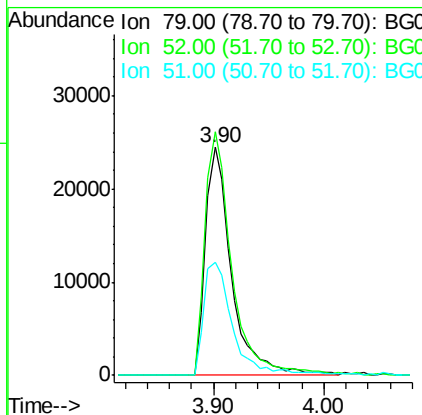
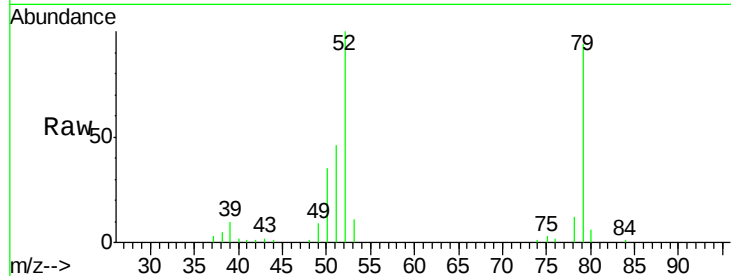
ClientSampleId :

PB85924BS

Tgt Ion:	79	Resp:	39398
Ion	Ratio	Lower	Upper
79	100		
52	106.8	88.3	132.5
51	49.5	44.6	66.8

Manual Integrations
APPROVED

MMdadoda
10/12/2015 7:00:47 PM



#4

n-Nitrosodimethylamine

Concen: 37.78 ng

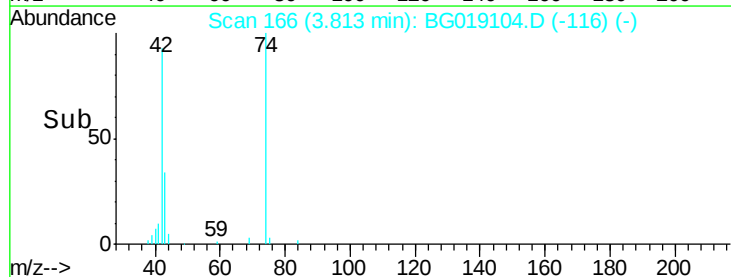
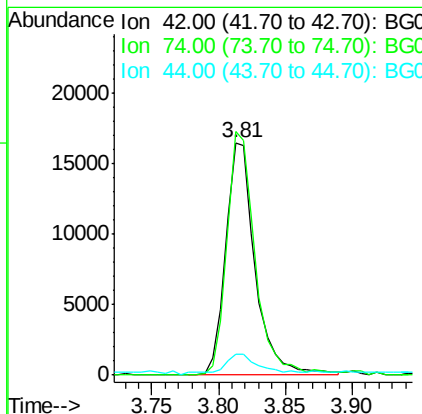
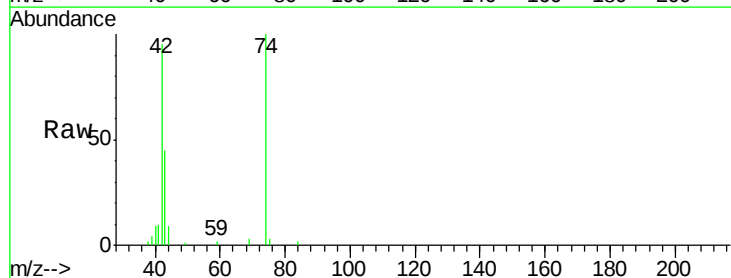
RT: 3.81 min Scan# 166

Delta R.T. -0.01 min

Lab File: BG019104.D

Acq: 10 Oct 2015 6:42

Tgt Ion:	42	Resp:	25597
Ion	Ratio	Lower	Upper
42	100		
74	104.9	77.3	115.9
44	9.1	7.2	10.8





#5

2-Fluorophenol

Concen: 138.74 ng

RT: 5.61 min Scan# 472

Delta R.T. 0.00 min

Lab File: BG019104.D

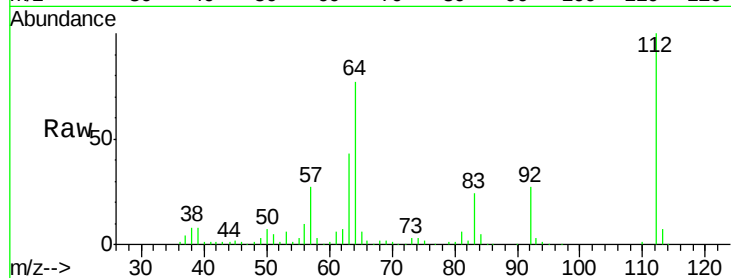
Acq: 10 Oct 2015 6:42

Instrument :

BNA_G

ClientSampleId :

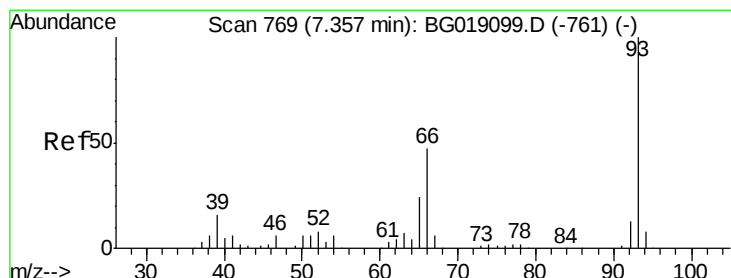
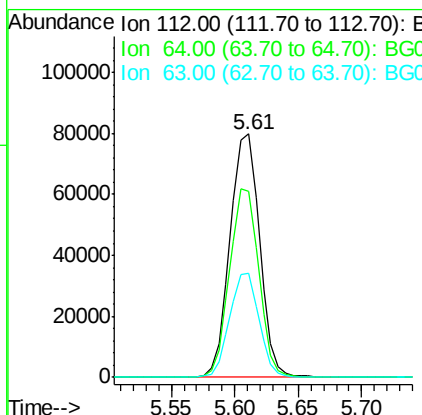
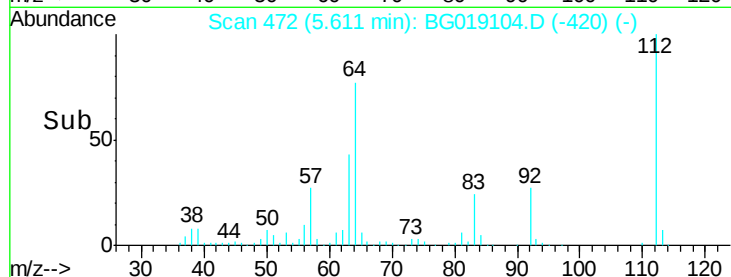
PB85924BS



Tgt Ion:	112	Resp:	128919
Ion Ratio	Lower	Upper	
112	100		
64	76.7	59.0	88.4
63	42.8	34.7	52.1

Manual Integrations
APPROVED

MMdadoda
10/12/2015 7:00:47 PM



#6

Aniline

Concen: 28.66 ng

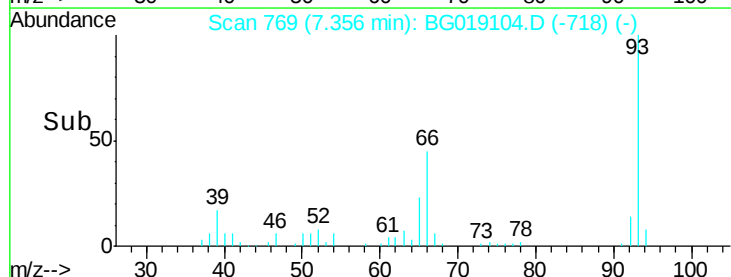
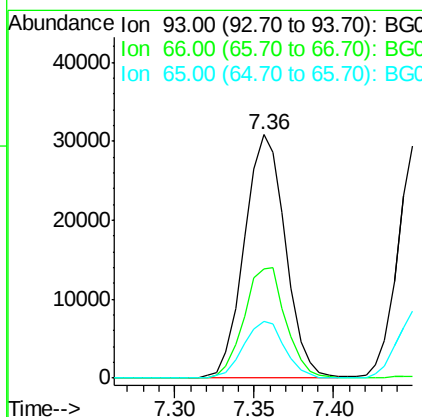
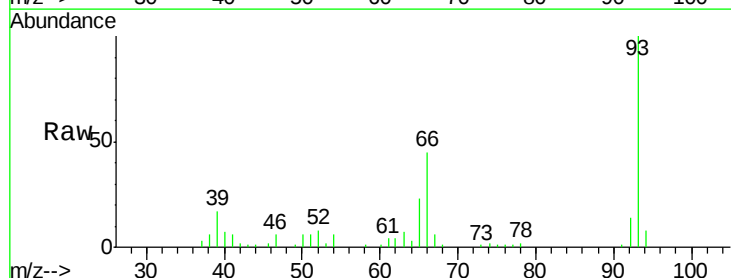
RT: 7.36 min Scan# 769

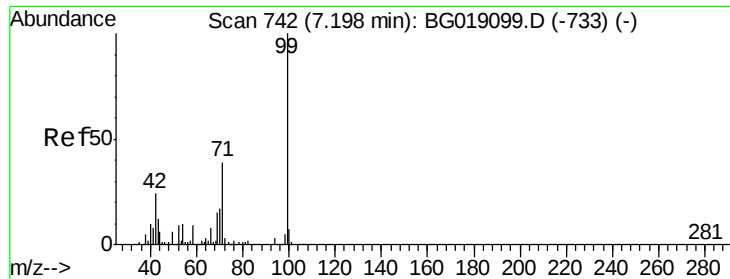
Delta R.T. -0.00 min

Lab File: BG019104.D

Acq: 10 Oct 2015 6:42

Tgt Ion:	93	Resp:	55391
Ion Ratio	Lower	Upper	
93	100		
66	44.7	37.4	56.2
65	23.2	19.6	29.4





#7

Phenol-d6

Concen: 137.59 ng

RT: 7.20 min Scan# 742

Delta R.T. -0.00 min

Lab File: BG019104.D

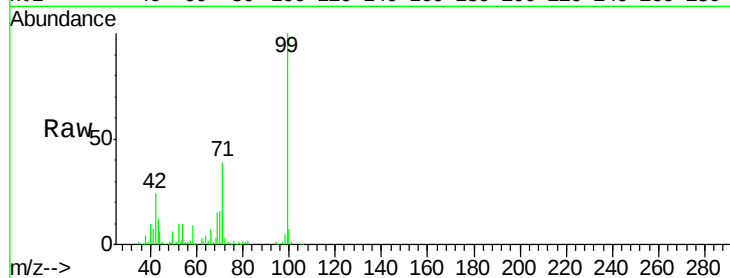
Acq: 10 Oct 2015 6:42

Instrument :

BNA_G

ClientSampleId :

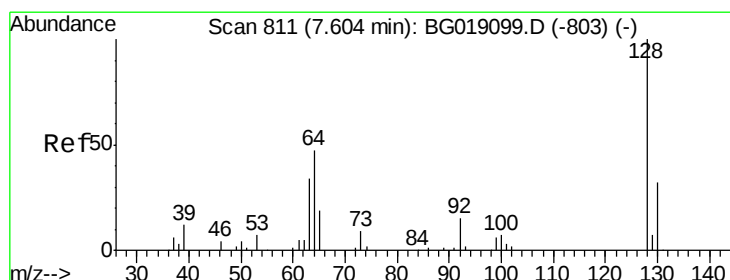
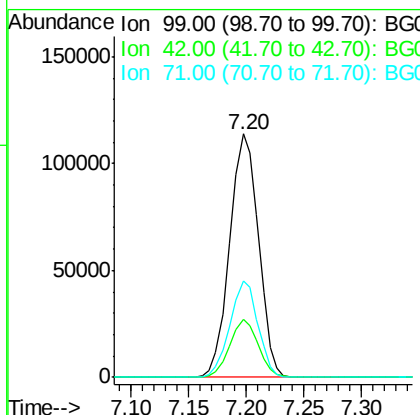
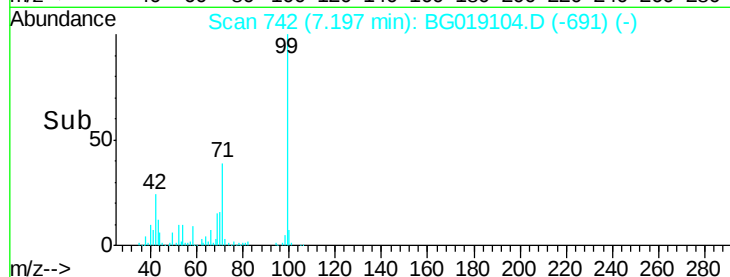
PB85924BS



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
99	100		196403		
42	23.7	19.5	29.3		
71	39.4	31.4	47.0		

Manual Integrations
APPROVED

MMdadoda
10/12/2015 7:00:47 PM



#8

2-Chlorophenol

Concen: 43.97 ng

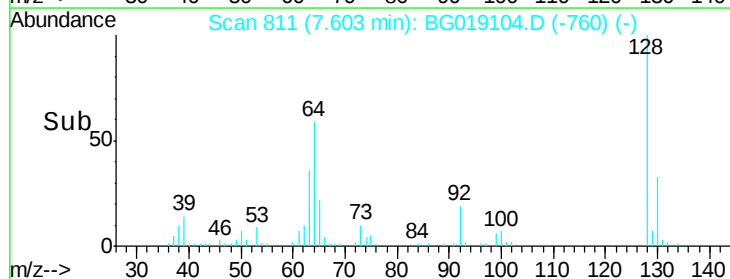
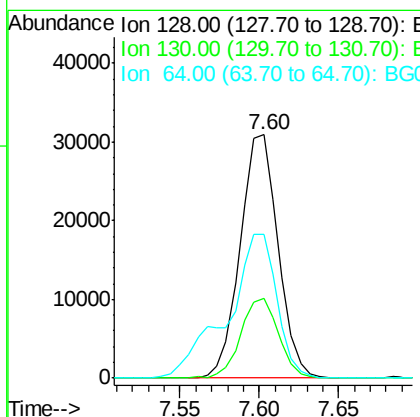
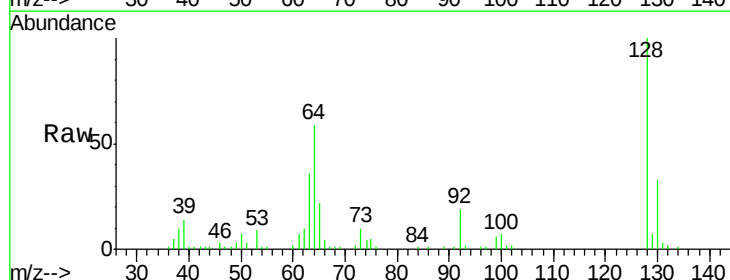
RT: 7.60 min Scan# 811

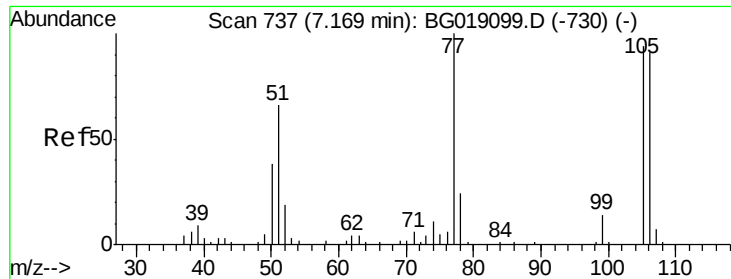
Delta R.T. -0.00 min

Lab File: BG019104.D

Acq: 10 Oct 2015 6:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		51265		
130	32.8	12.3	52.3		
64	59.0	35.8	75.8		





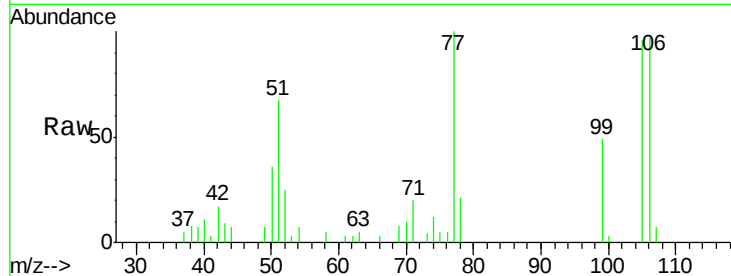
#9
Benzaldehyde
Concen: 12.33 ng
RT: 7.17 min Scan# 737
Delta R.T. -0.00 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Instrument :
BNA_G
ClientSampleId :
PB85924BS

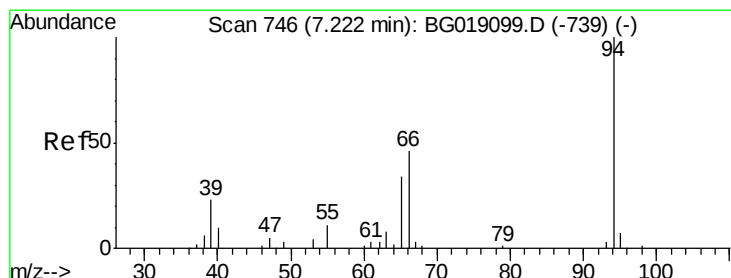
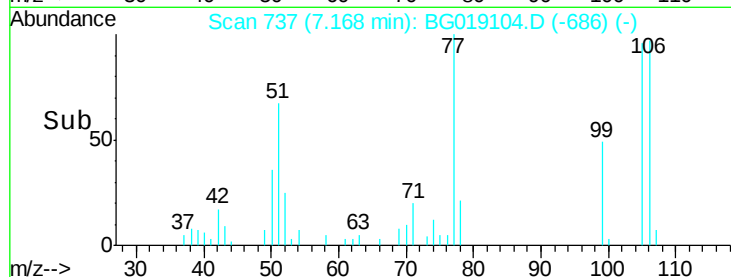
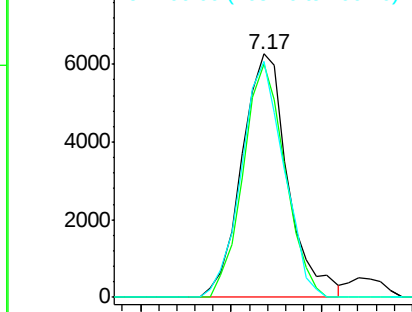
Tgt Ion	Ratio	Lower	Upper
77	100		
105	95.6	73.7	113.7
106	96.8	71.0	111.0

Manual Integrations
APPROVED

MMdadoda
10/12/2015 7:00:47 PM

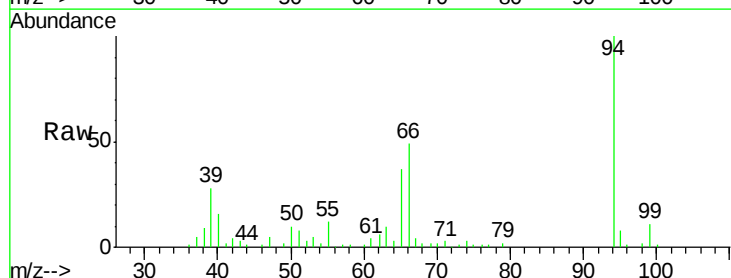


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

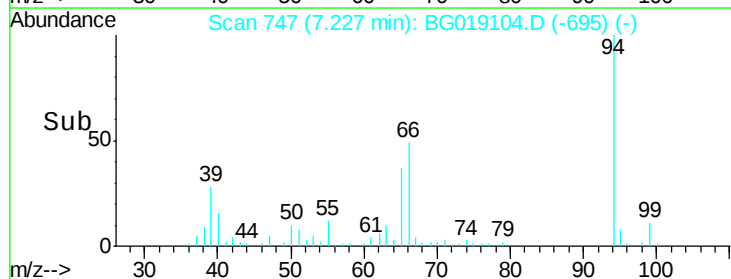
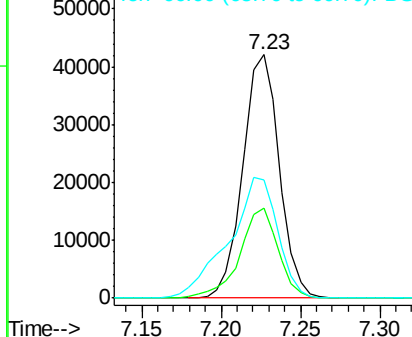


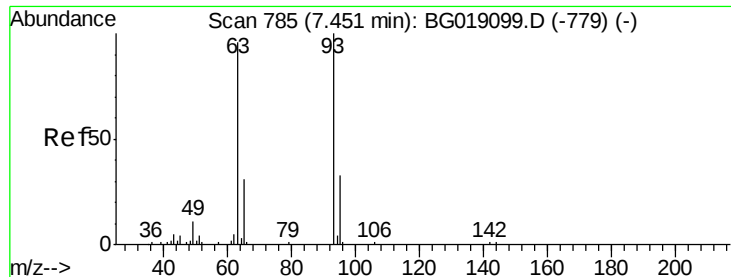
#10
Phenol
Concen: 45.15 ng
RT: 7.23 min Scan# 747
Delta R.T. 0.00 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Tgt Ion	Ratio	Lower	Upper
94	100		
65	37.0	15.2	55.2
66	48.7	28.7	68.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





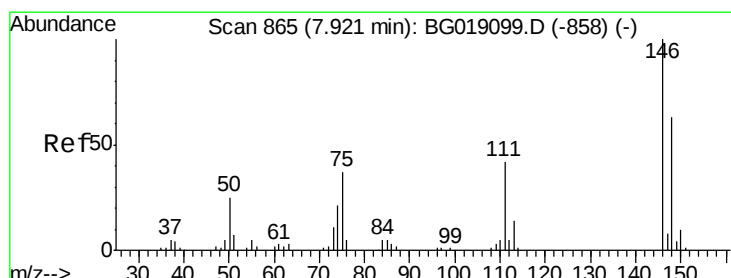
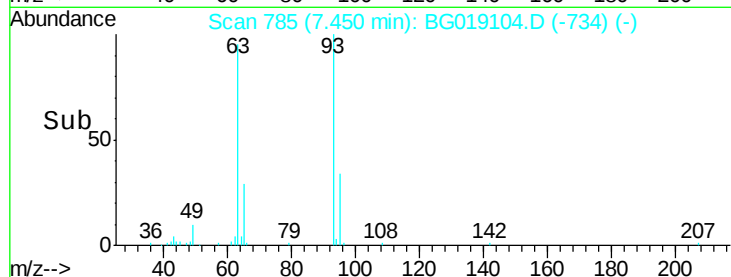
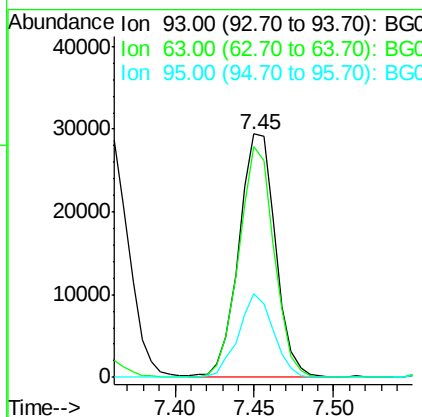
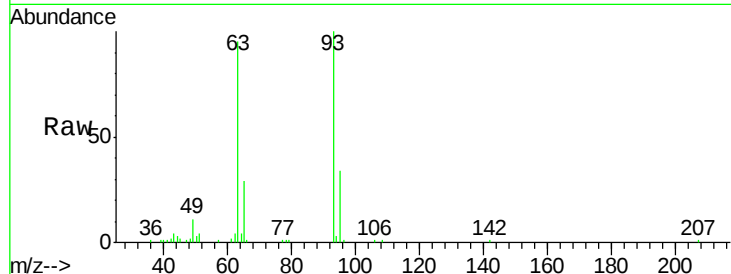
#11
bis(2-Chloroethyl)ether
Concen: 41.98 ng
RT: 7.45 min Scan# 785
Delta R.T. -0.00 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Instrument :
BNA_G
ClientSampleId :
PB85924BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	94.9	75.3	115.3
95	34.4	12.9	52.9

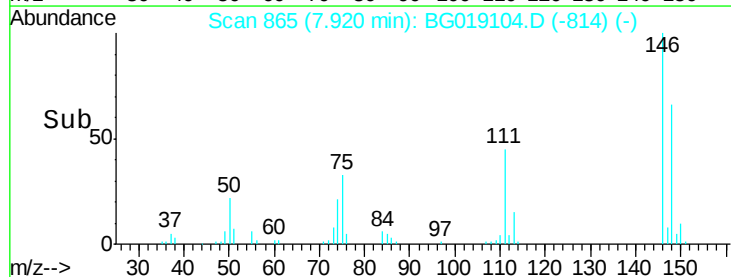
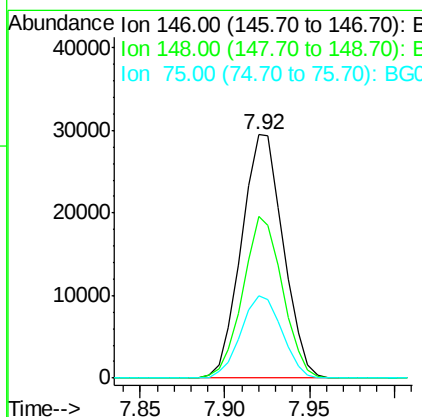
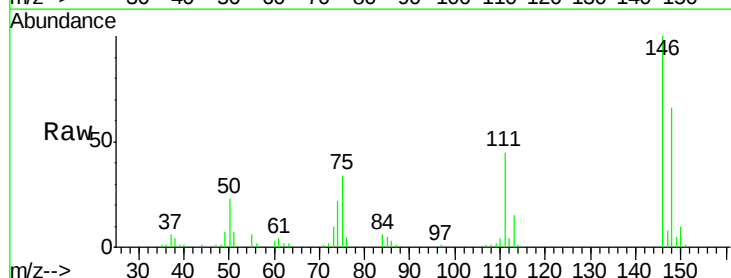
Manual Integrations
APPROVED

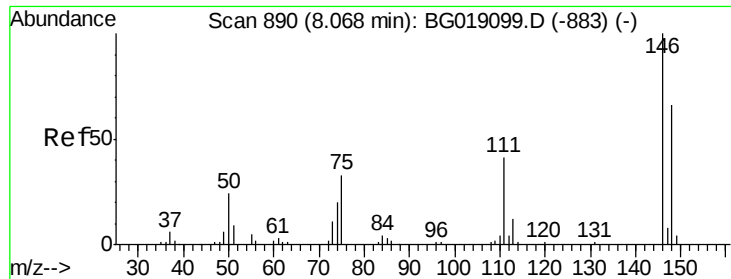
MMdadoda
10/12/2015 7:00:47 PM



#12
1,3-Dichlorobenzene
Concen: 39.93 ng
RT: 7.92 min Scan# 865
Delta R.T. -0.00 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.4	50.2	75.4
75	33.8	29.3	43.9





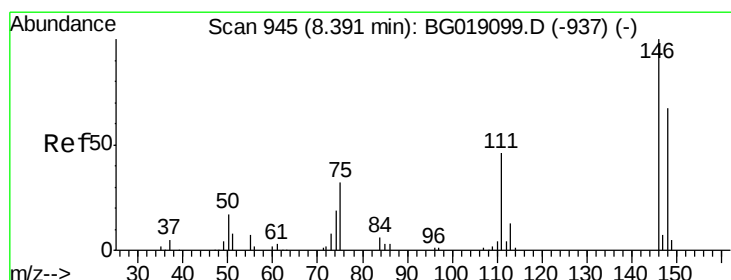
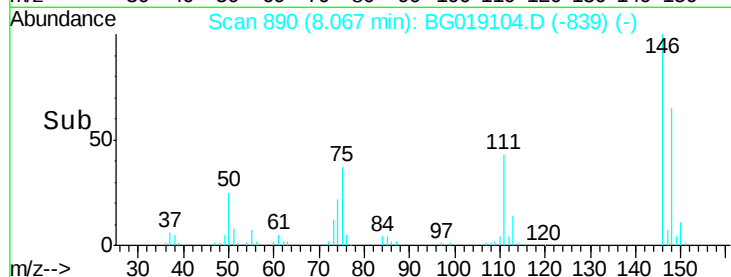
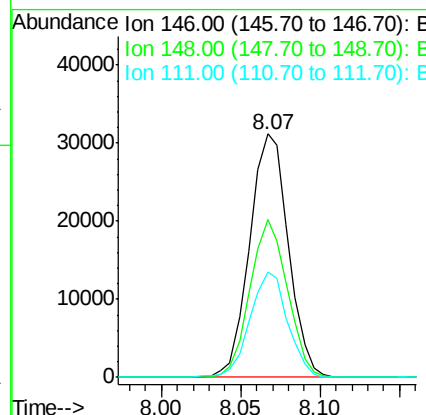
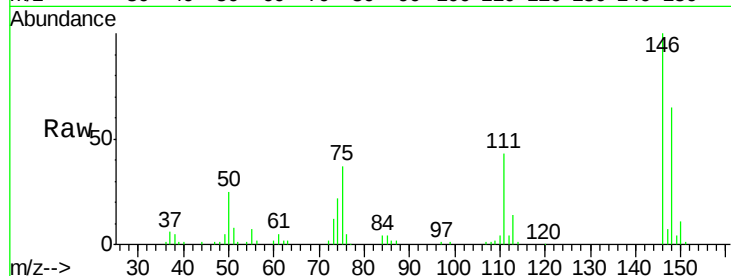
#13
 1,4-Dichlorobenzene
 Concen: 40.58 ng
 RT: 8.07 min Scan# 890
 Delta R.T. -0.00 min
 Lab File: BG019104.D
 Acq: 10 Oct 2015 6:42

Instrument :
 BNA_G
 ClientSampleId :
 PB85924BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	65.0	52.9	79.3
111	43.5	33.1	49.7

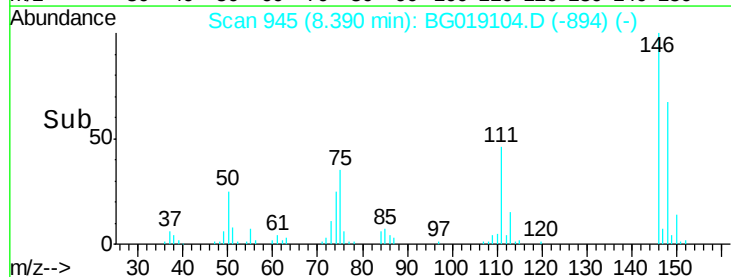
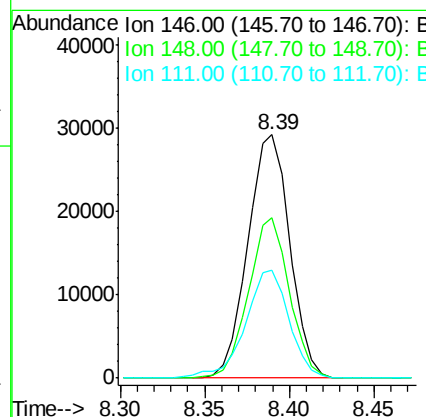
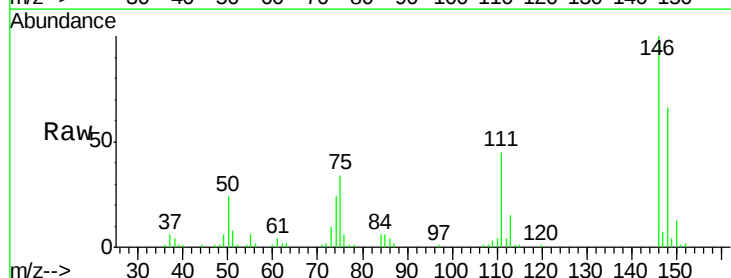
Manual Integrations
 APPROVED

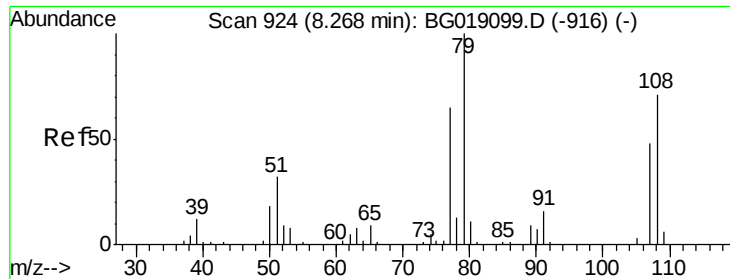
MMdadoda
 10/12/2015 7:00:47 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.92 ng
 RT: 8.39 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: BG019104.D
 Acq: 10 Oct 2015 6:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	65.8	53.6	80.4
111	44.5	37.3	55.9





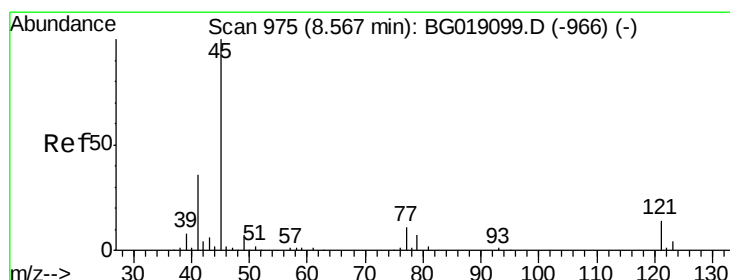
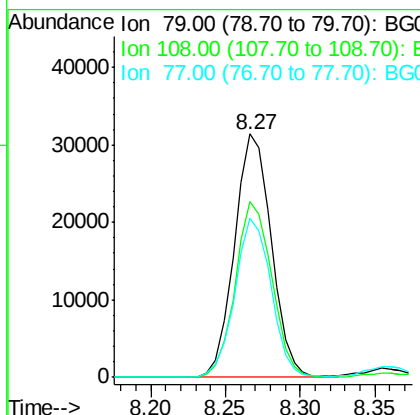
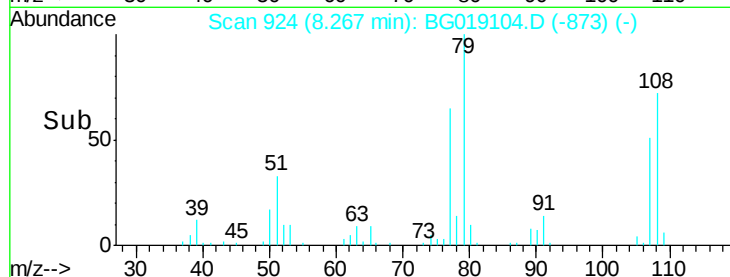
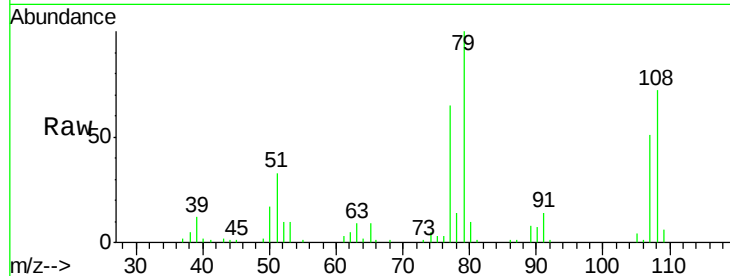
#15
Benzyl Alcohol
Concen: 42.35 ng
RT: 8.27 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Instrument :
BNA_G
ClientSampleId :
PB85924BS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	72.0	56.6	84.8
77	65.3	51.6	77.4

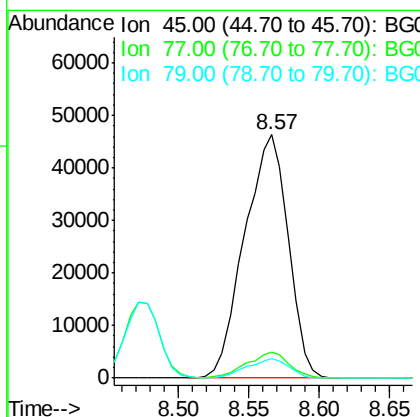
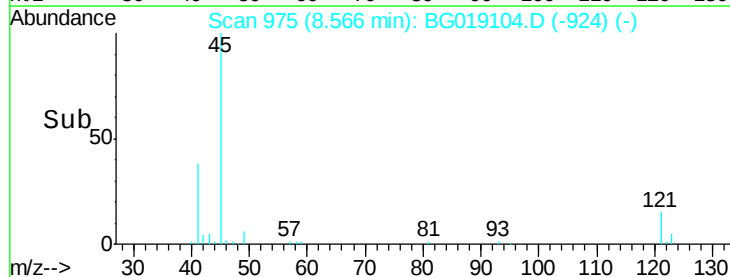
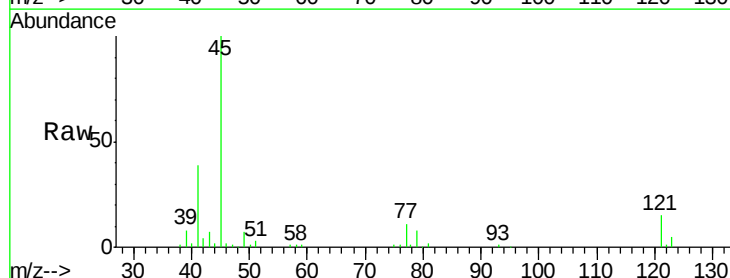
Manual Integrations
APPROVED

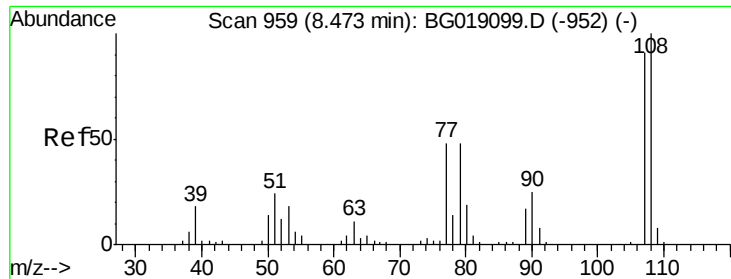
MMdadoda
10/12/2015 7:00:47 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.59 ng
RT: 8.57 min Scan# 975
Delta R.T. -0.00 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

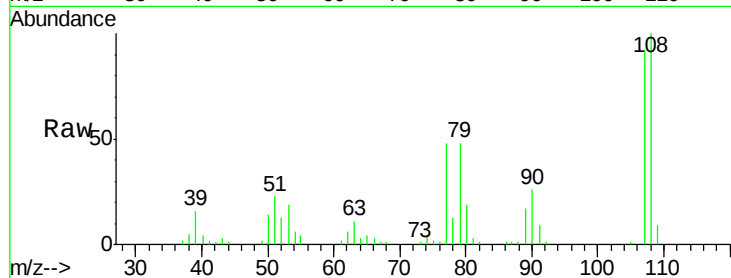
Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.5	0.0	30.8
79	8.0	0.0	27.5





#17
2-Methylphenol
Concen: 44.82 ng
RT: 8.47 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

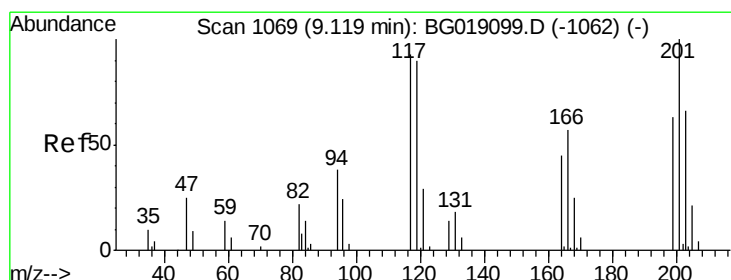
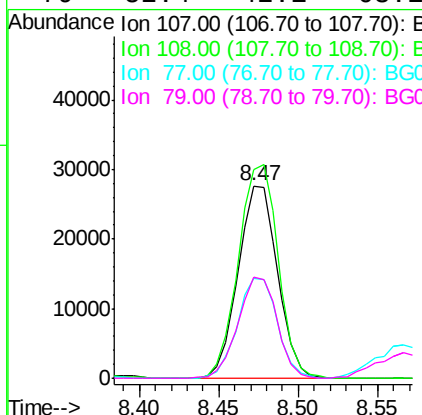
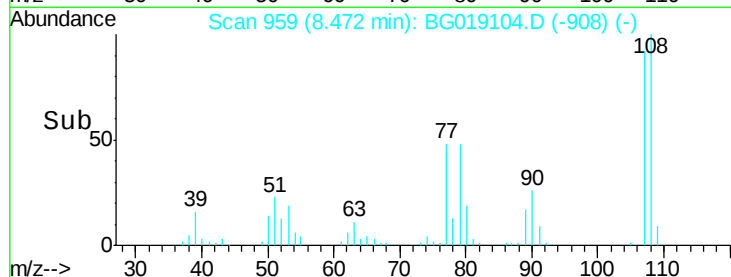
Instrument :
BNA_G
ClientSampleId :
PB85924BS



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	47580		
108	108.6	87.7	131.5	
77	52.1	42.2	63.2	
79	52.4	42.1	63.1	

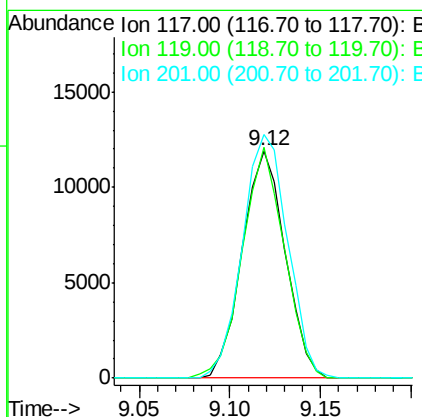
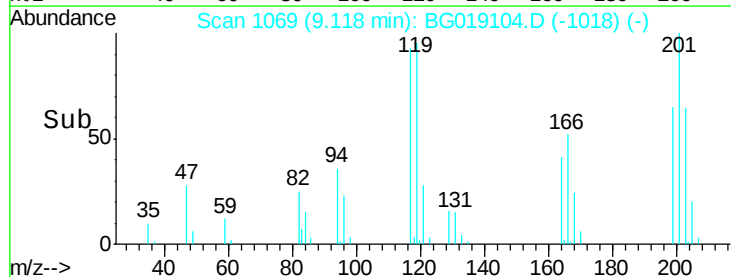
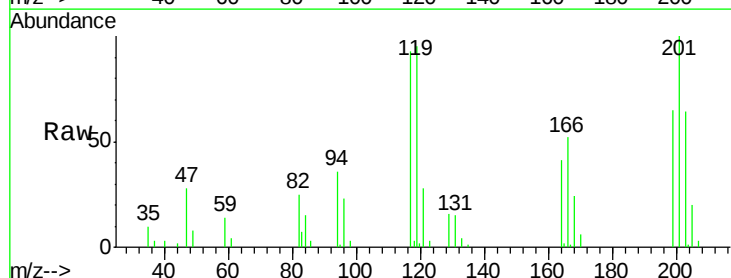
Manual Integrations
APPROVED

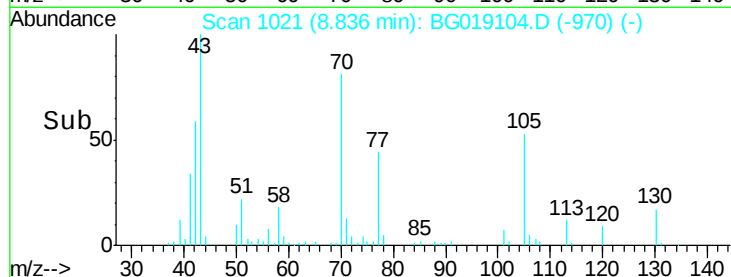
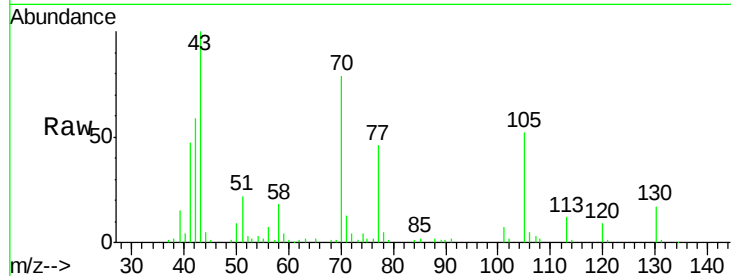
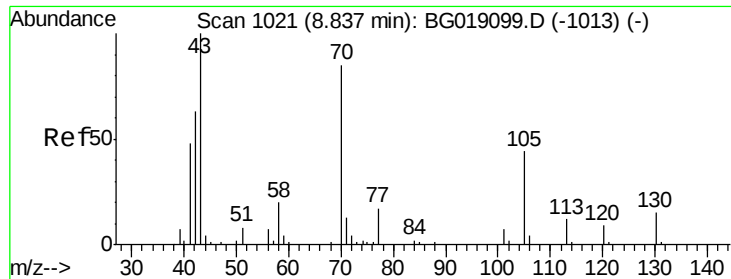
MMdadoda
10/12/2015 7:00:47 PM



#18
Hexachloroethane
Concen: 39.48 ng
RT: 9.12 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	19596		
119	101.2	77.0	115.4	
201	107.0	85.6	128.4	





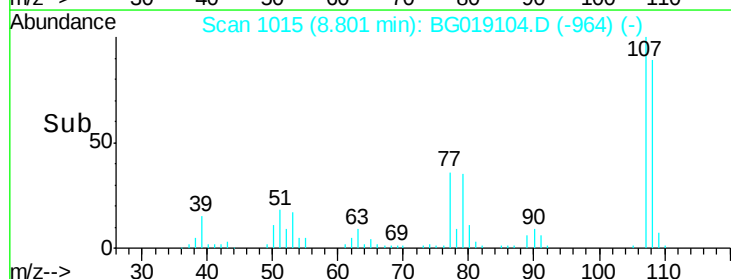
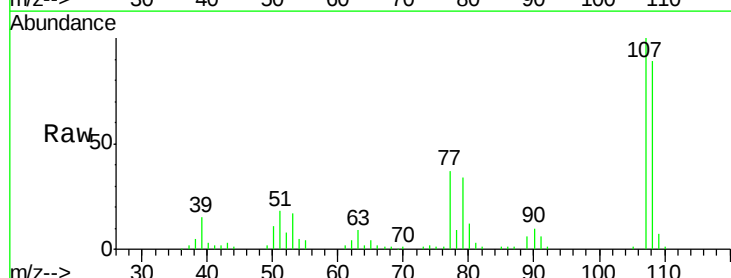
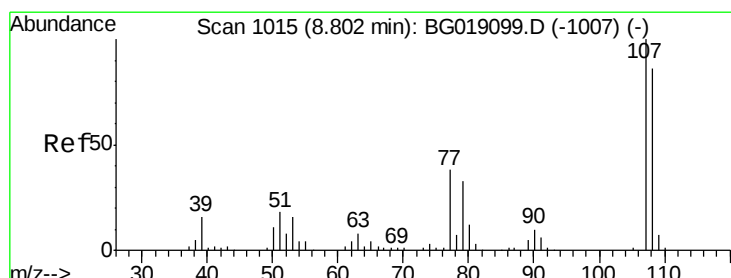
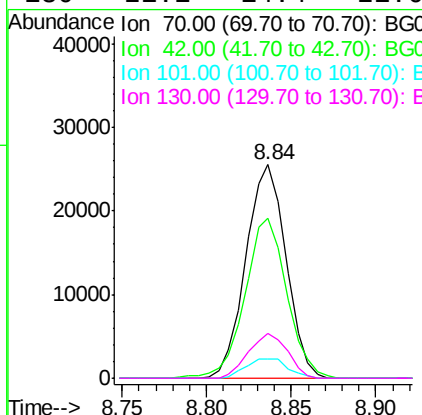
#19
n-Nitroso-di-n-propylamine
Concen: 37.29 ng
RT: 8.84 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Instrument :
BNA_G
ClientSampleId :
PB85924BS

Manual Integrations
APPROVED

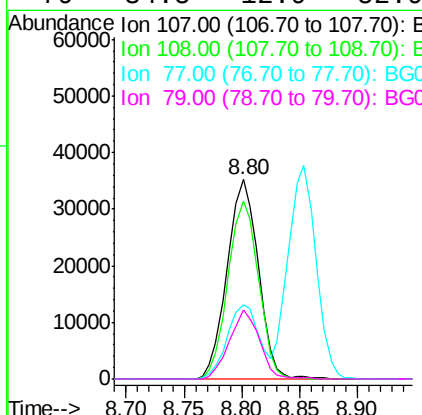
MMdadoda
10/12/2015 7:00:47 PM

Tgt Ion	Ratio	Lower	Upper
70	100		
42	75.1	59.8	89.8
101	9.1	7.0	10.4
130	21.1	14.4	21.6



#20
3+4-Methylphenols
Concen: 43.26 ng
RT: 8.80 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.4	66.2	106.2
77	37.0	17.8	57.8
79	34.5	12.9	52.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.84 min Scan# 1362

Delta R.T. -0.00 min

Lab File: BG019104.D

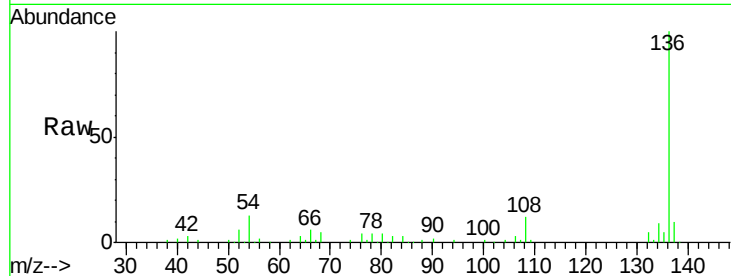
Acq: 10 Oct 2015 6:42

Instrument :

BNA_G

ClientSampleId :

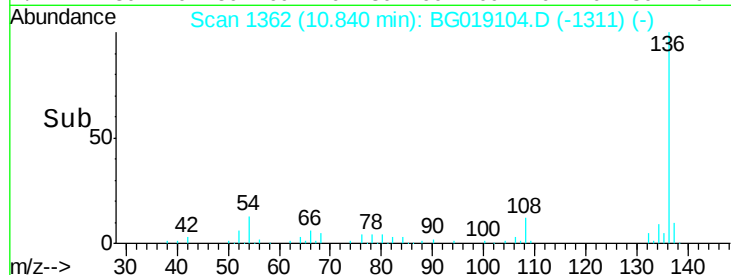
PB85924BS



Tgt Ion	Ratio	Resp	Lower	Upper
136	100	85127		
137	10.1	9.0	13.4	
54	12.6	10.1	15.1	
68	5.3	4.4	6.6	

Manual Integrations
APPROVED

MMdadoda
10/12/2015 7:00:47 PM

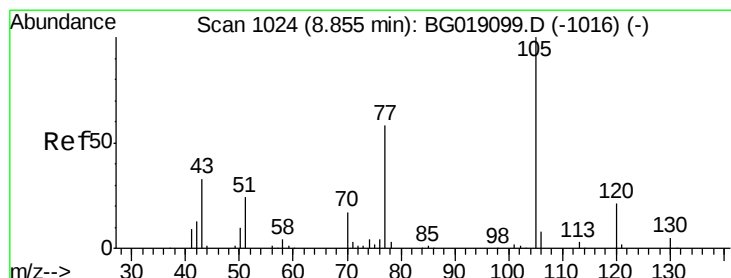
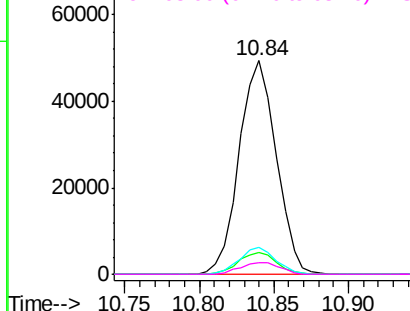


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 40.01 ng

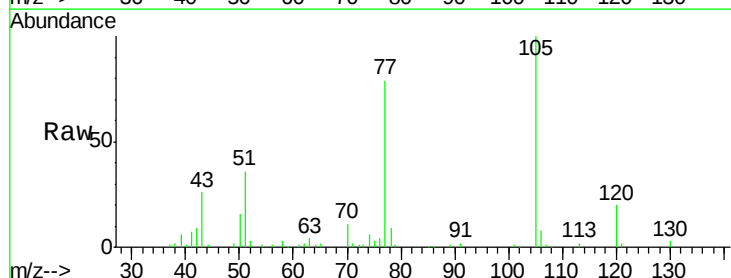
RT: 8.85 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BG019104.D

Acq: 10 Oct 2015 6:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	79643		
71	1.6	2.2	3.2#	
51	35.6	29.2	43.8	
120	20.3	16.6	24.8	

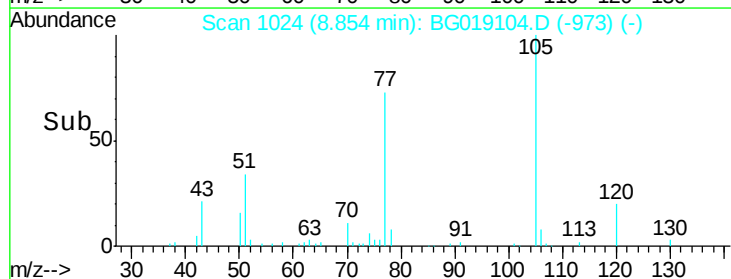
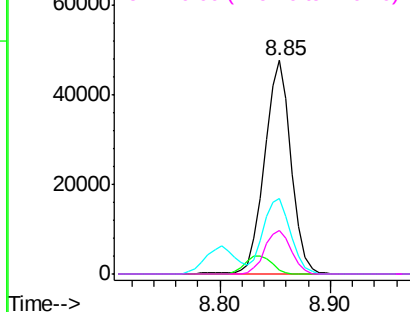


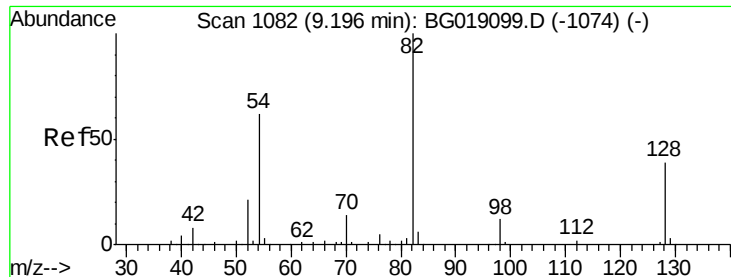
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





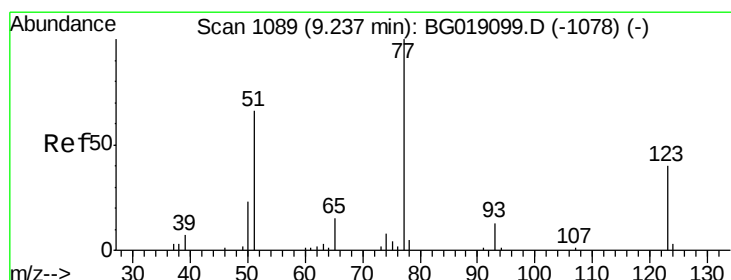
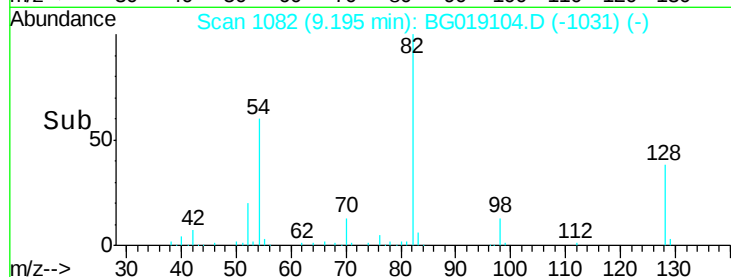
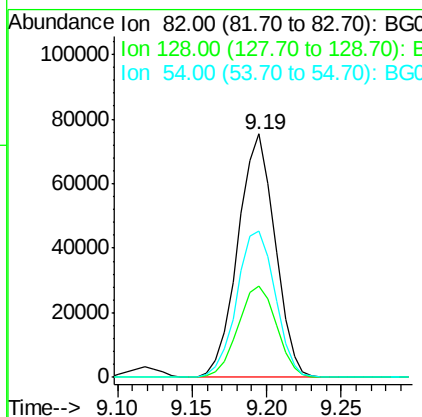
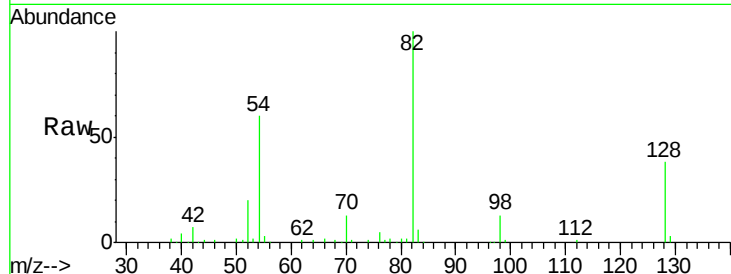
#23
Nitrobenzene-d5
Concen: 84.53 ng
RT: 9.19 min Scan# 1082
Delta R.T. -0.00 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Instrument :
BNA_G
ClientSampleId :
PB85924BS

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	37.6	31.4	47.2
54	60.1	50.0	75.0

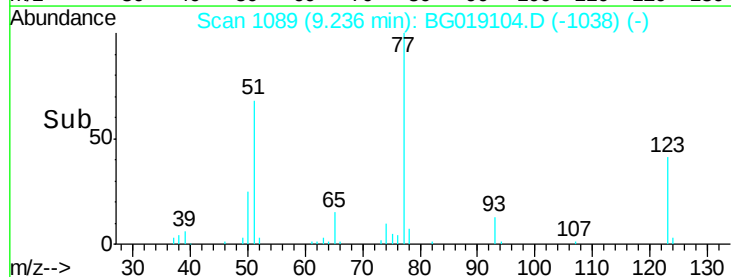
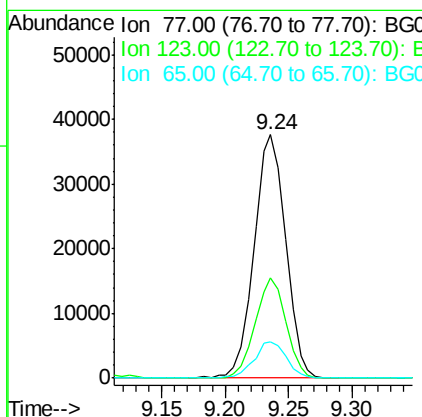
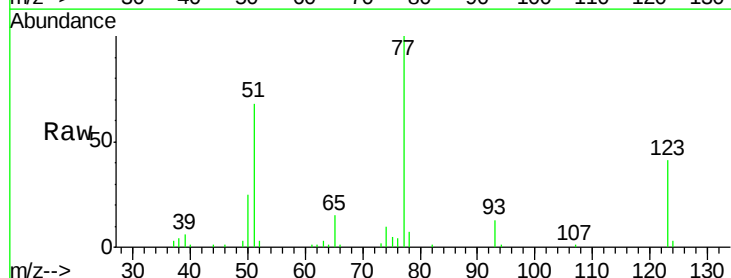
Manual Integrations
APPROVED

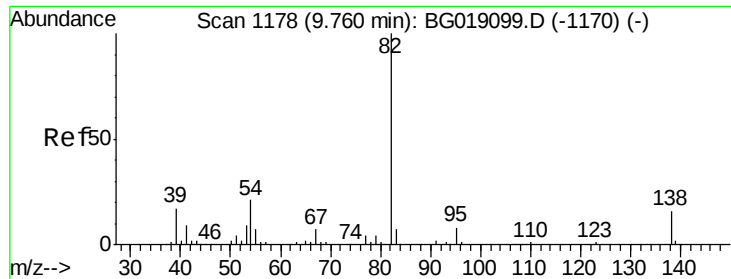
MMdadoda
10/12/2015 7:00:47 PM



#24
Nitrobenzene
Concen: 39.97 ng
RT: 9.24 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	41.3	31.8	47.6
65	15.0	11.8	17.6





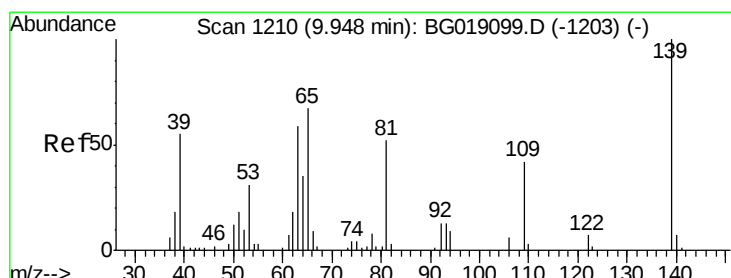
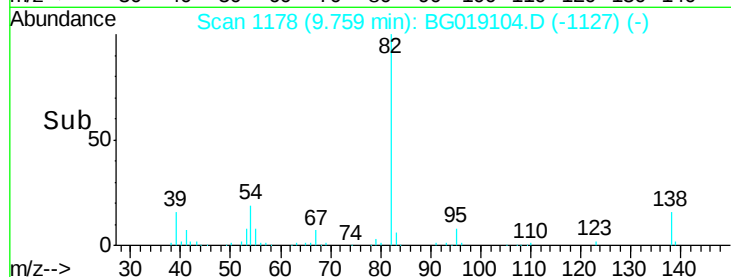
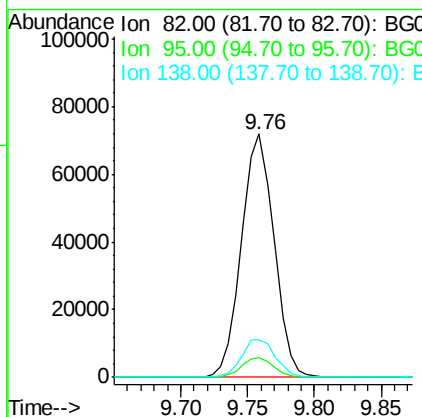
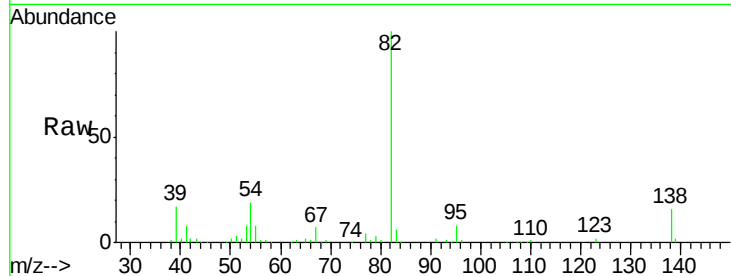
#25
Isophorone
Concen: 38.65 ng
RT: 9.76 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Instrument :
BNA_G
ClientSampleId :
PB85924BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
95	8.2	6.7	10.1
138	15.6	12.6	19.0

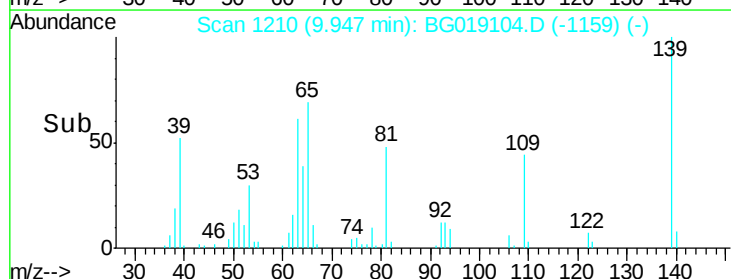
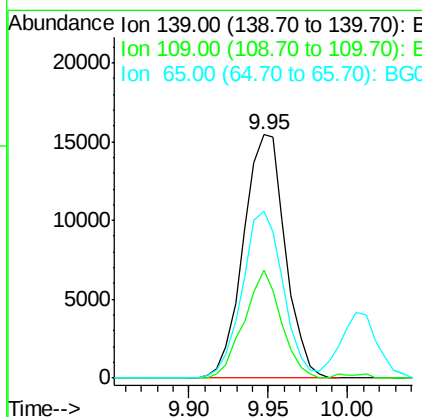
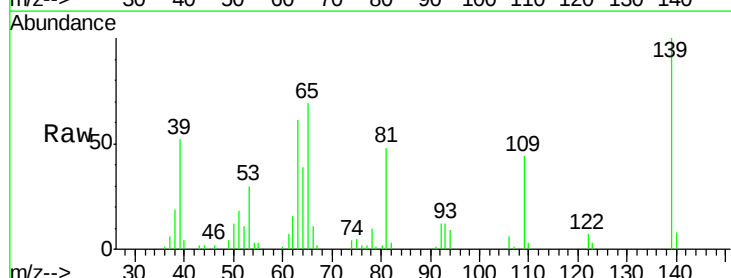
Manual Integrations
APPROVED

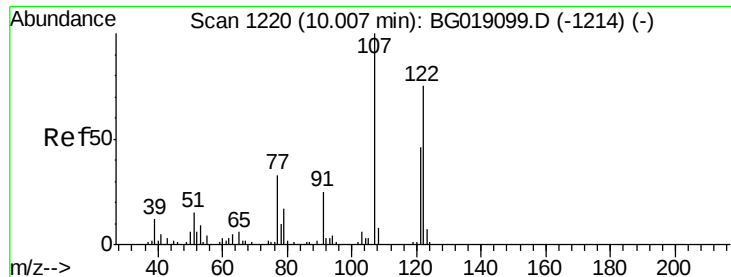
MMdadoda
10/12/2015 7:00:47 PM



#26
2-Nitrophenol
Concen: 40.61 ng
RT: 9.95 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
139	100		
109	44.1	33.3	49.9
65	68.5	53.6	80.4





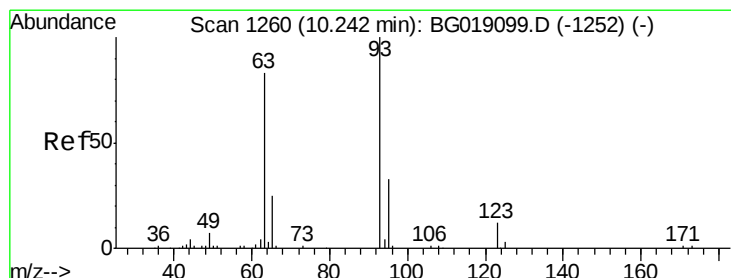
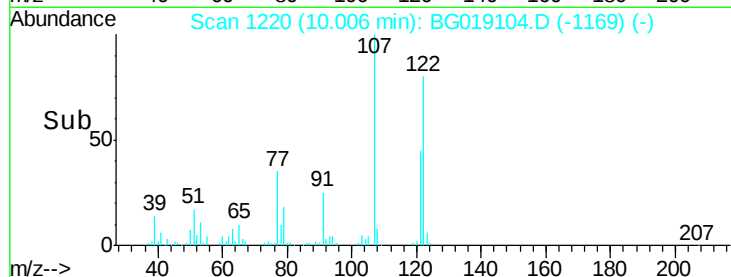
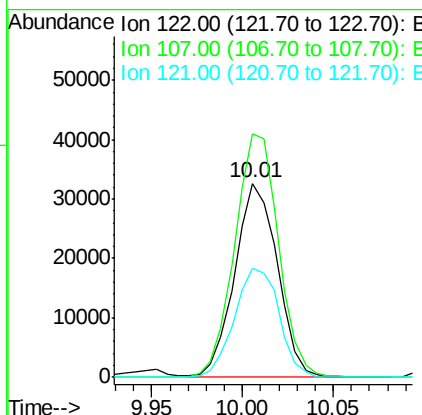
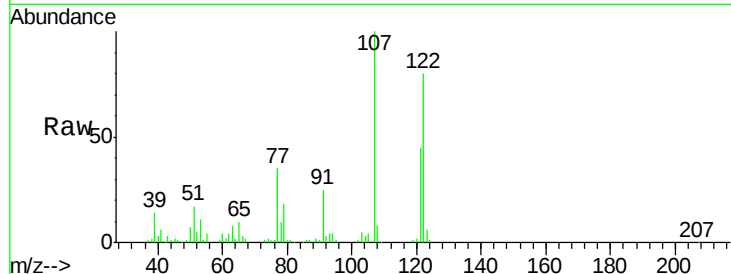
#27
 2,4-Dimethylphenol
 Concen: 44.02 ng
 RT: 10.01 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BG019104.D
 Acq: 10 Oct 2015 6:42

Instrument :
 BNA_G
 ClientSampleId :
 PB85924BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	125.4	105.1	157.7
121	56.3	48.7	73.1

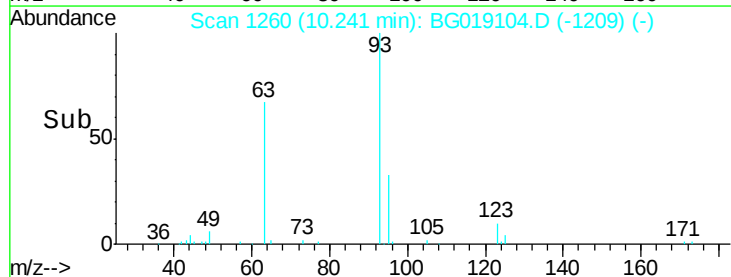
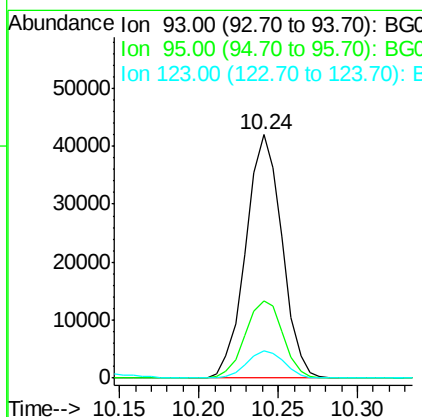
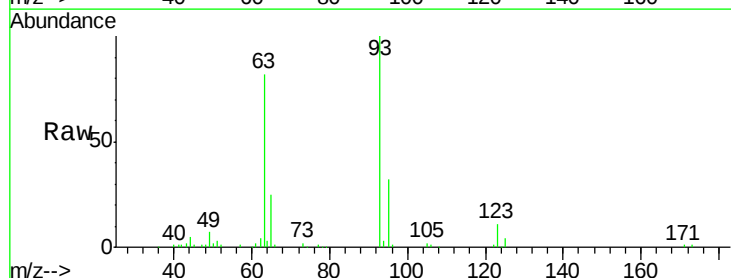
Manual Integrations
 APPROVED

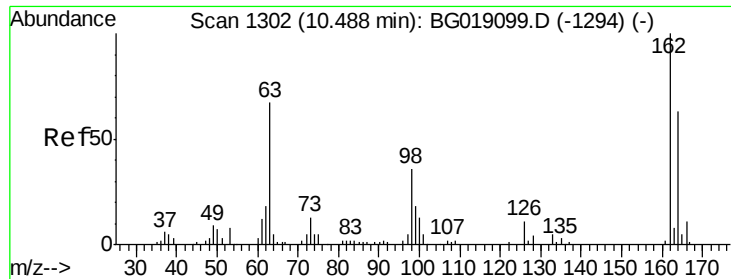
MMdadoda
 10/12/2015 7:00:47 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.94 ng
 RT: 10.24 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: BG019104.D
 Acq: 10 Oct 2015 6:42

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	26.5	39.7
123	11.1	9.4	14.2





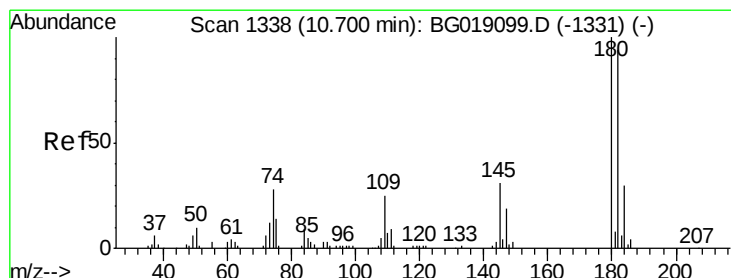
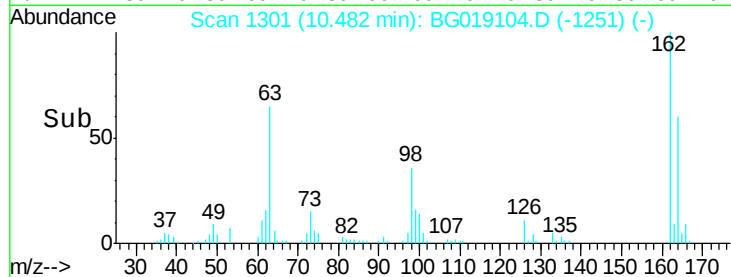
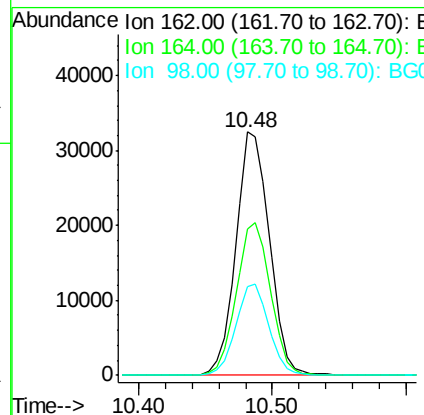
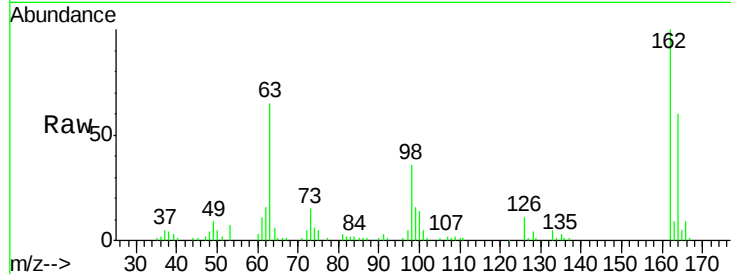
#29
 2,4-Dichlorophenol
 Concen: 44.17 ng
 RT: 10.48 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: BG019104.D
 Acq: 10 Oct 2015 6:42

Instrument :
 BNA_G
 ClientSampleId :
 PB85924BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	60.2	42.8	82.8
98	36.2	16.1	56.1

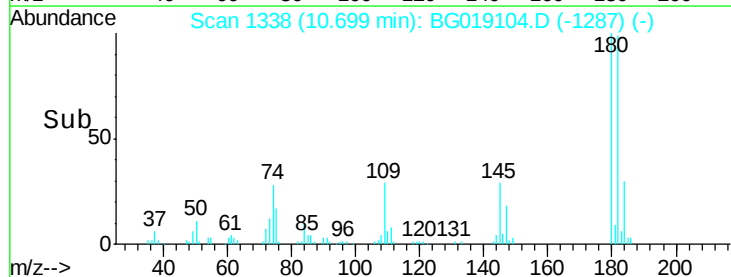
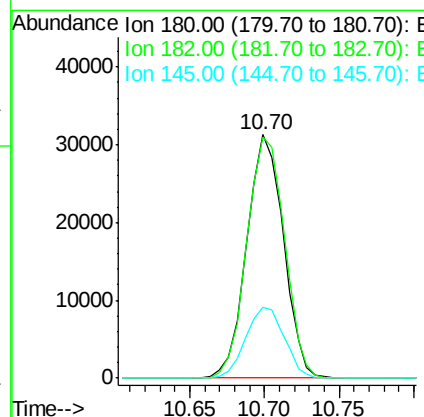
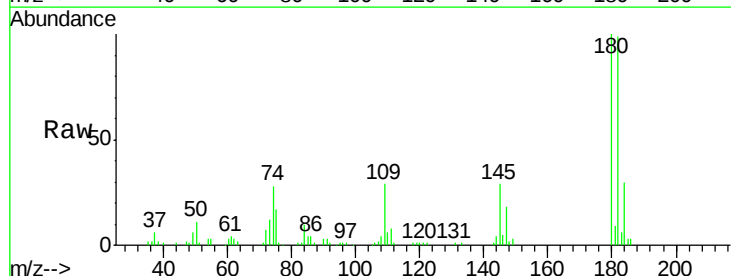
Manual Integrations
 APPROVED

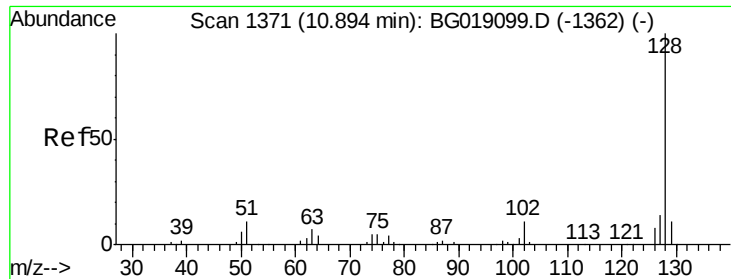
MMdadoda
 10/12/2015 7:00:47 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.83 ng
 RT: 10.70 min Scan# 1338
 Delta R.T. -0.00 min
 Lab File: BG019104.D
 Acq: 10 Oct 2015 6:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	99.2	75.3	112.9
145	28.9	24.9	37.3





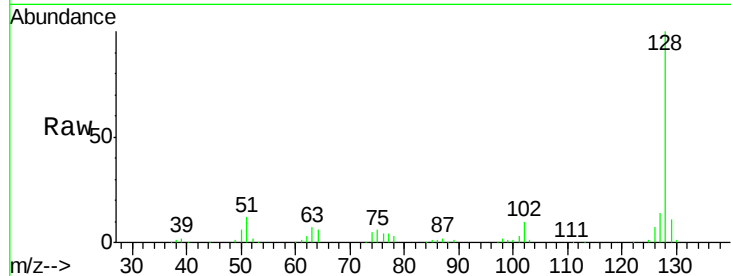
#31
Naphthalene
Concen: 39.65 ng
RT: 10.89 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Instrument :
BNA_G
ClientSampleId :
PB85924BS

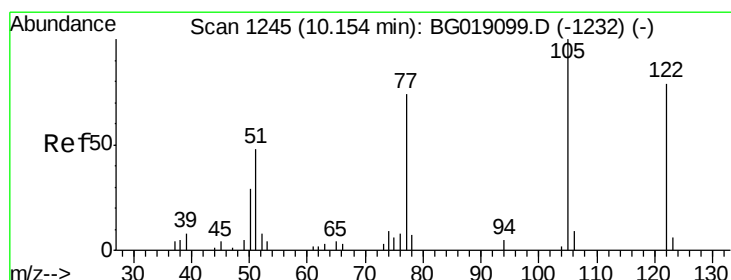
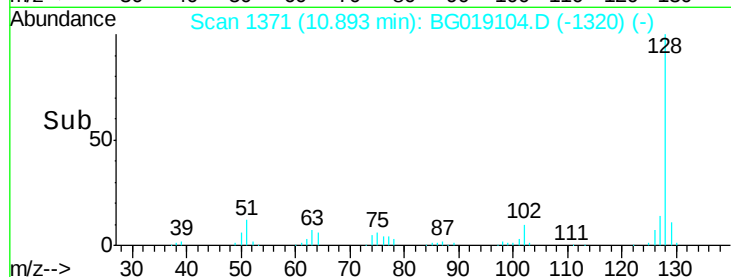
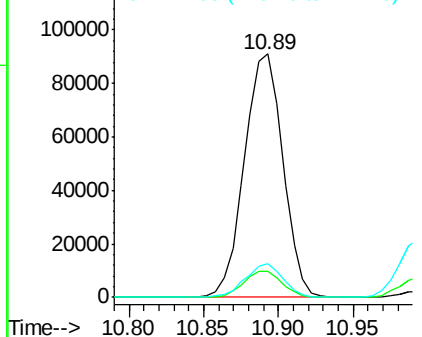
Tgt Ion	Ratio	Resp	Lower	Upper
128	100	162425		
129	10.8	8.6	12.8	
127	13.8	11.4	17.0	

Manual Integrations
APPROVED

MMdadoda
10/12/2015 7:00:47 PM

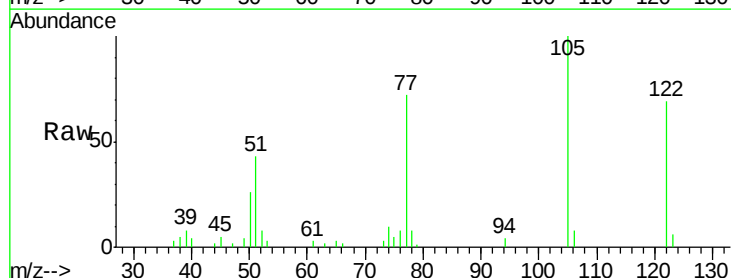


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

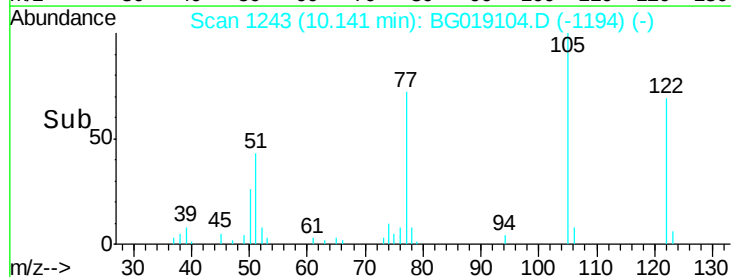
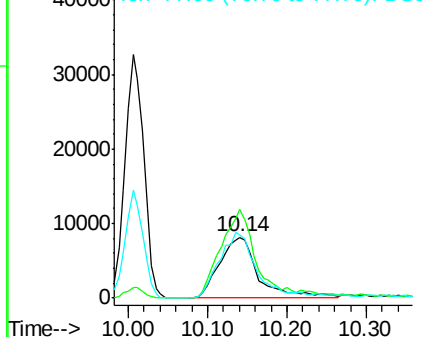


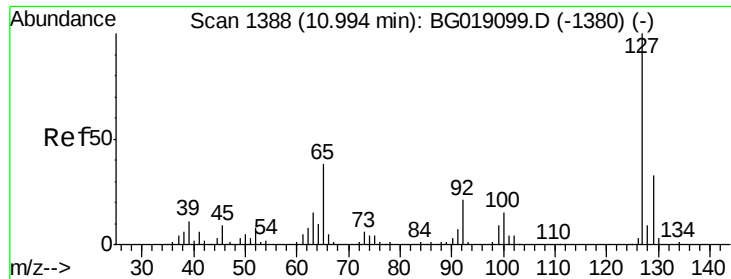
#32
Benzoic acid
Concen: 38.54 ng
RT: 10.14 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	27761		
105	145.5	107.0	147.0	
77	104.2	73.4	113.4	



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG





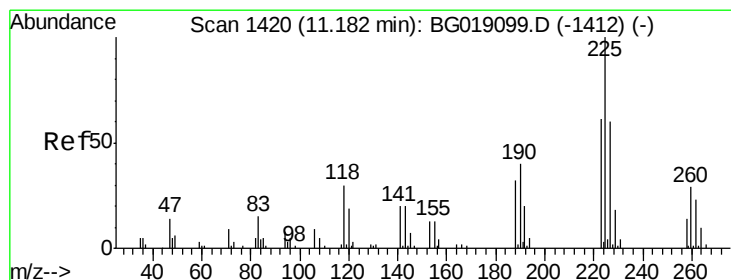
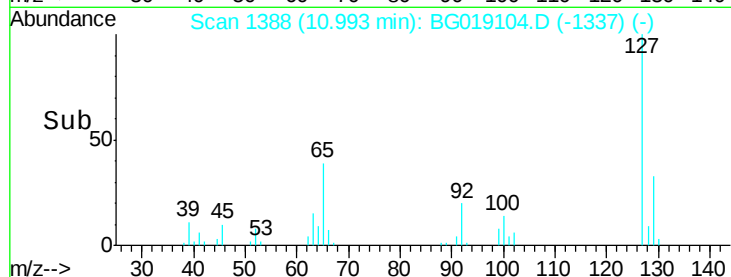
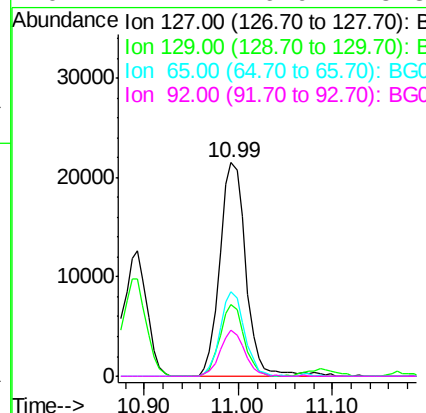
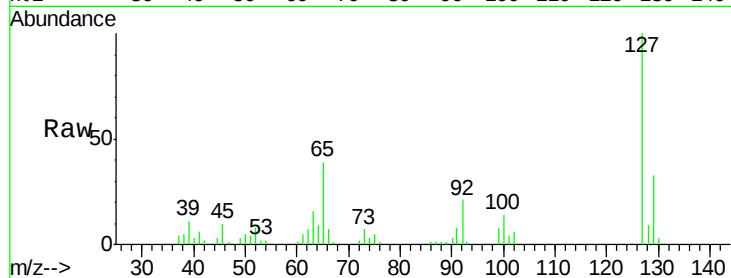
#33
4-Chloroaniline
Concen: 22.05 ng
RT: 10.99 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Instrument :
BNA_G
ClientSampleId :
PB85924BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	41979		
129	33.5	26.2	39.2	
65	39.5	30.4	45.6	
92	21.4	16.9	25.3	

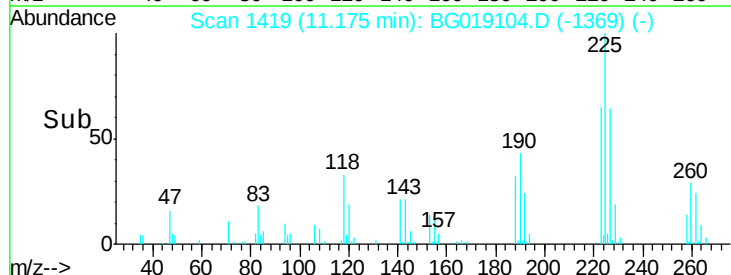
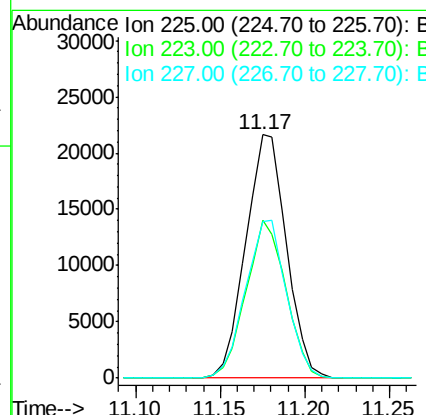
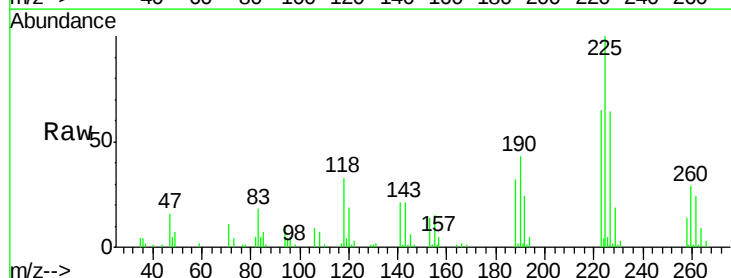
Manual Integrations
APPROVED

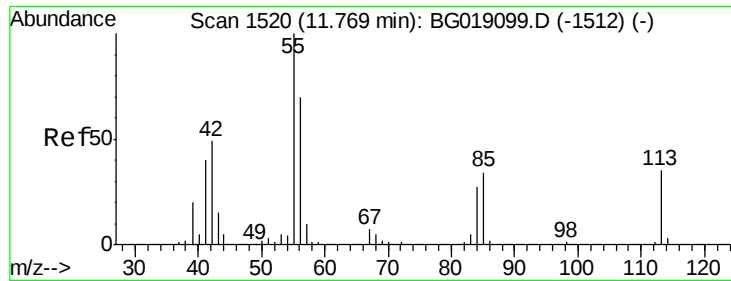
MMdadoda
10/12/2015 7:00:47 PM



#34
Hexachlorobutadiene
Concen: 38.57 ng
RT: 11.17 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	36243		
223	64.9	48.6	72.8	
227	64.3	48.1	72.1	





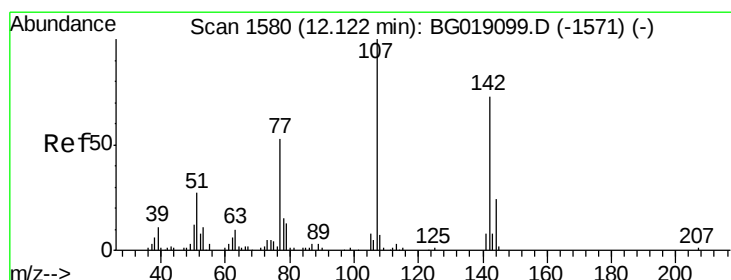
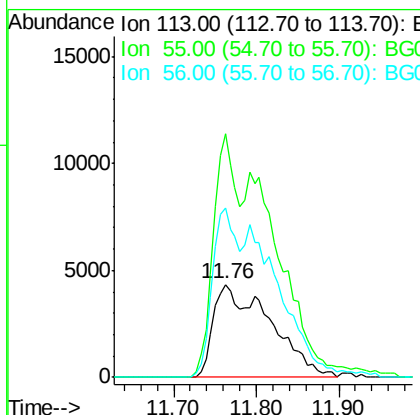
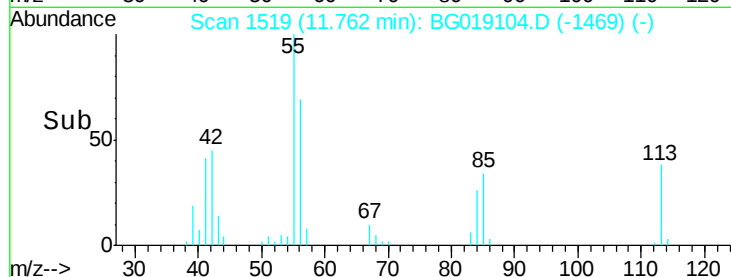
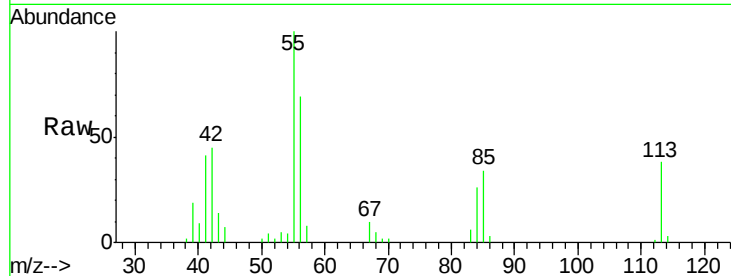
#35
 Caprolactam
 Concen: 44.29 ng m
 RT: 11.76 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BG019104.D
 Acq: 10 Oct 2015 6:42

Instrument :
 BNA_G
 ClientSampleId :
 PB85924BS

Tgt Ion:113 Resp: 20832
 Ion Ratio Lower Upper
 113 100
 55 262.4 263.4 303.4#
 56 182.3 179.0 219.0

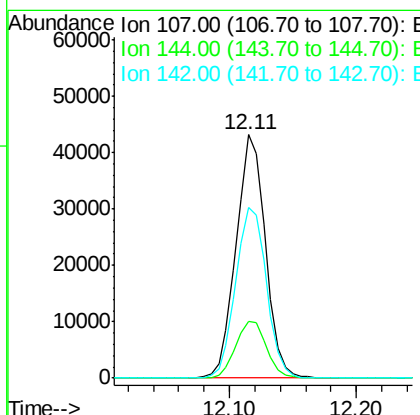
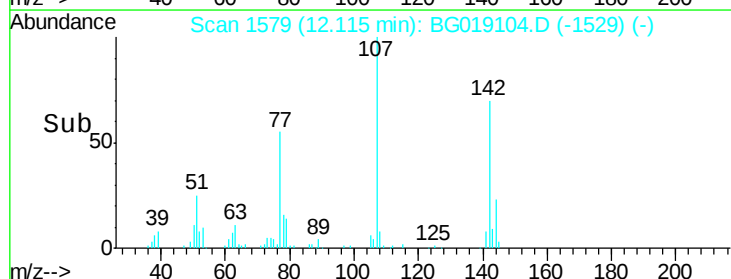
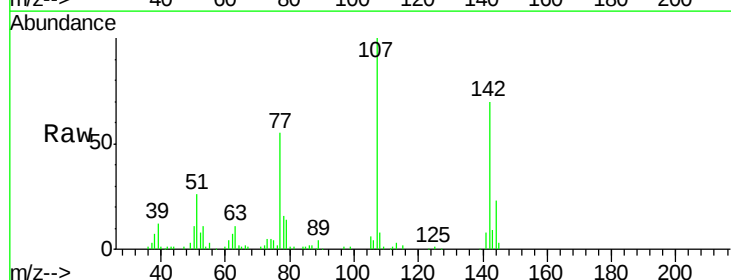
Manual Integrations
 APPROVED

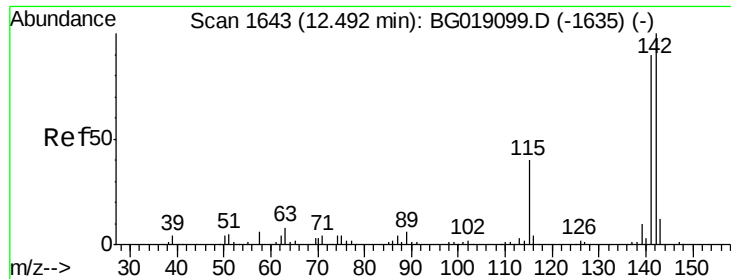
MMdadoda
 10/12/2015 7:00:47 PM



#36
 4-Chloro-3-methylphenol
 Concen: 42.63 ng
 RT: 12.11 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BG019104.D
 Acq: 10 Oct 2015 6:42

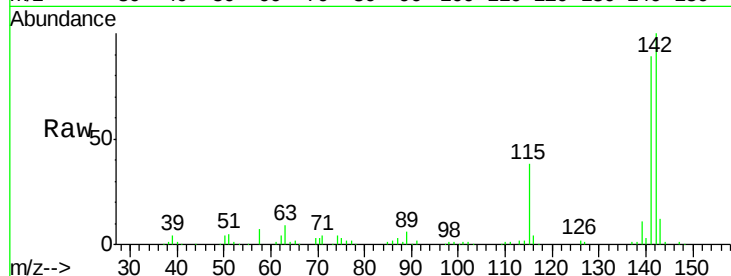
Tgt Ion:107 Resp: 69189
 Ion Ratio Lower Upper
 107 100
 144 23.1 19.0 28.6
 142 70.0 58.5 87.7





#37
 2-Methylnaphthalene
 Concen: 39.83 ng
 RT: 12.49 min Scan# 1643
 Delta R.T. -0.00 min
 Lab File: BG019104.D
 Acq: 10 Oct 2015 6:42

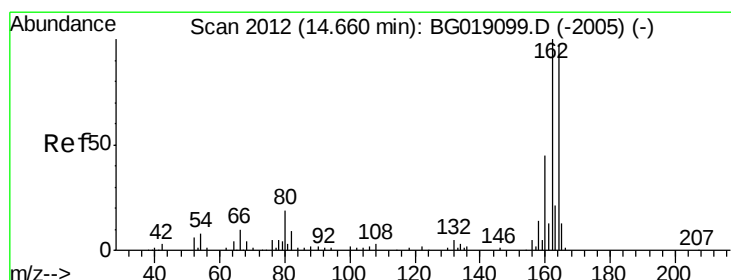
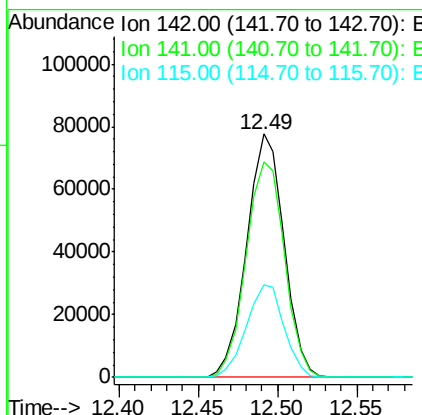
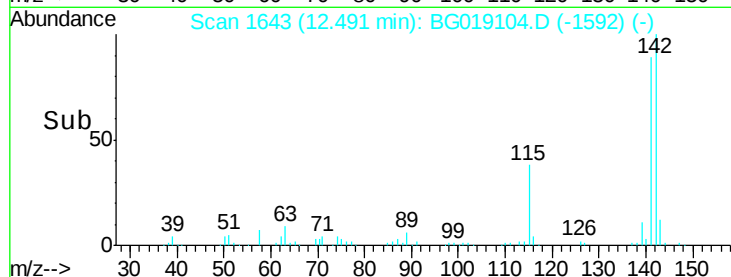
Instrument :
 BNA_G
 ClientSampleId :
 PB85924BS



Tgt Ion	Ratio	Resp	Lower	Upper
142	100	126789		
141	88.7	72.1	108.1	
115	38.2	31.8	47.8	

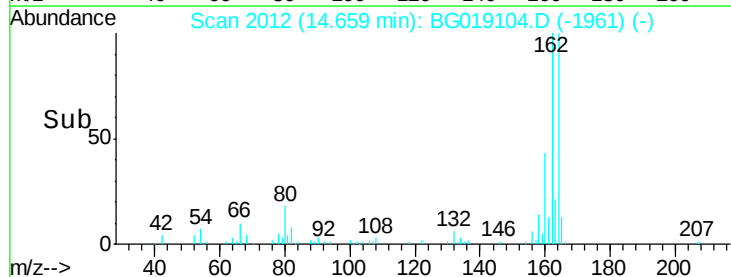
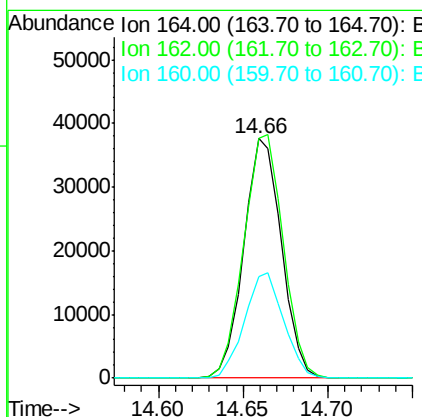
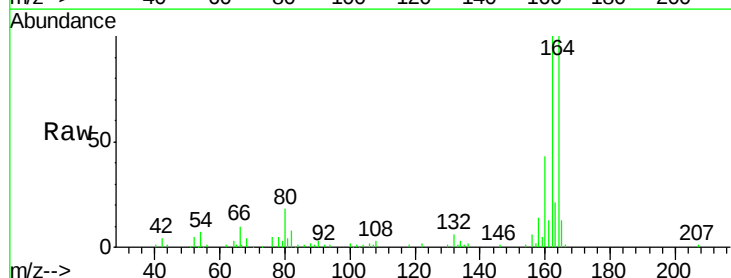
Manual Integrations
 APPROVED

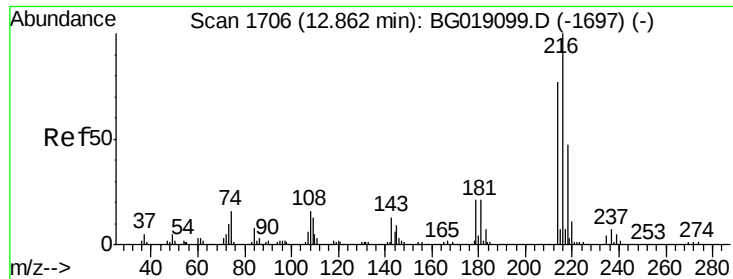
MMdadoda
 10/12/2015 7:00:47 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.66 min Scan# 2012
 Delta R.T. -0.00 min
 Lab File: BG019104.D
 Acq: 10 Oct 2015 6:42

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	58180		
162	100.2	82.6	124.0	
160	42.6	36.9	55.3	





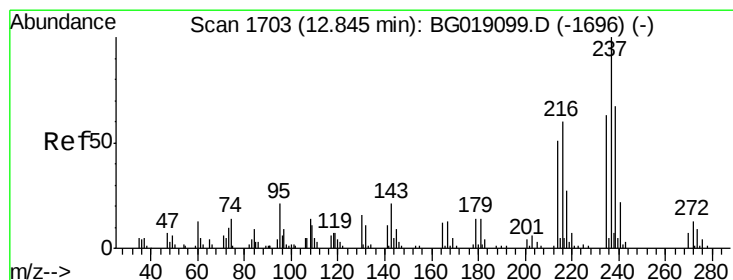
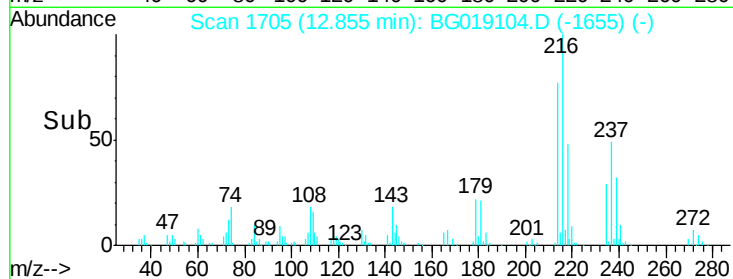
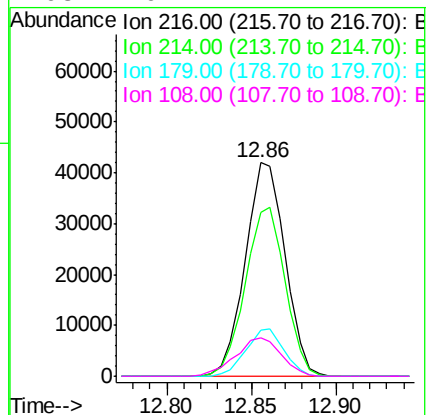
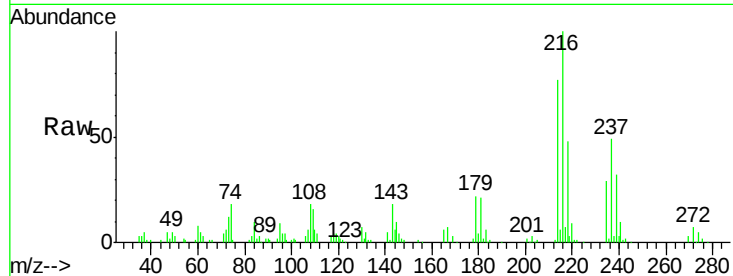
#39
1,2,4,5-Tetrachlorobenzene
Concen: 41.07 ng
RT: 12.86 min Scan# 1705
Delta R.T. -0.01 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Instrument :
BNA_G
ClientSampleId :
PB85924BS

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	64.0	96.0
179	21.3	16.9	25.3
108	20.7	14.7	22.1

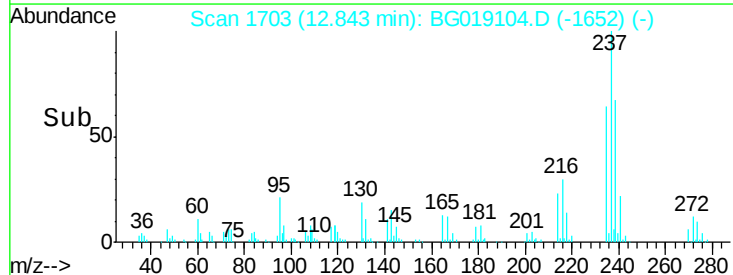
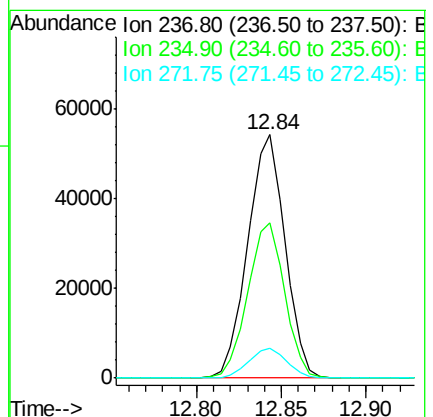
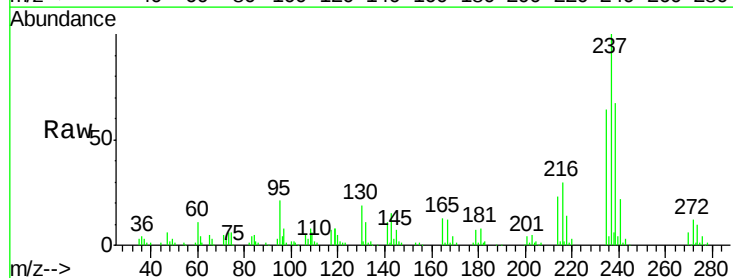
Manual Integrations
APPROVED

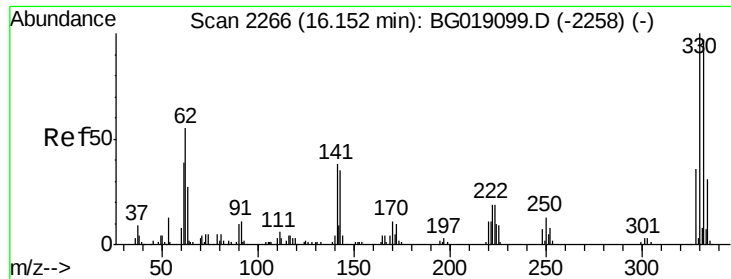
MMdadoda
10/12/2015 7:00:47 PM



#40
Hexachlorocyclopentadiene
Concen: 95.81 ng
RT: 12.84 min Scan# 1703
Delta R.T. -0.00 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Tgt Ion	Ratio	Lower	Upper
237	100		
235	64.0	43.2	83.2
272	12.4	0.0	33.2





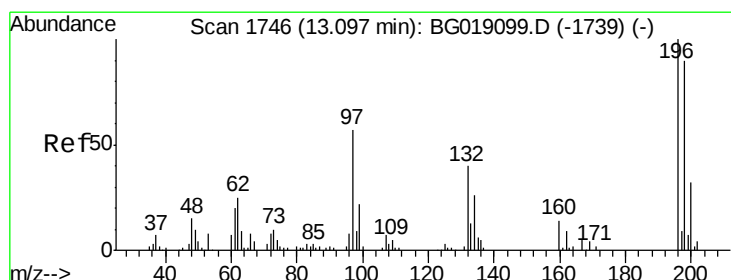
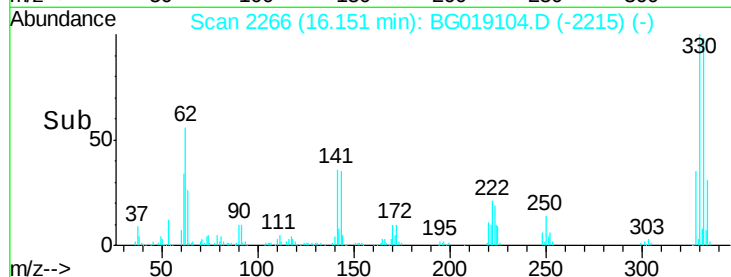
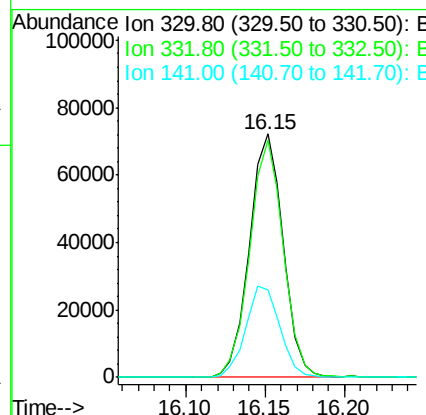
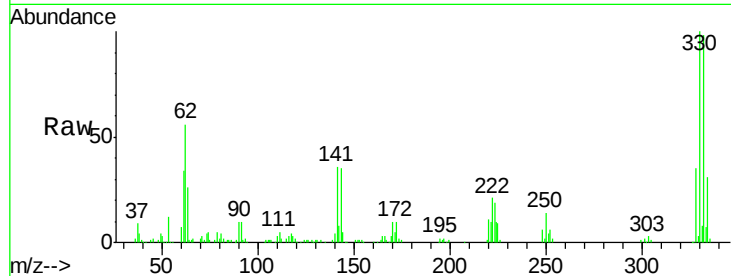
#41
 2,4,6-Tribromophenol
 Concen: 134.69 ng
 RT: 16.15 min Scan# 2266
 Delta R.T. -0.00 min
 Lab File: BG019104.D
 Acq: 10 Oct 2015 6:42

Instrument :
 BNA_G
 ClientSampleId :
 PB85924BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	106785		
332	97.0	77.3	115.9	
141	37.9	30.7	46.1	

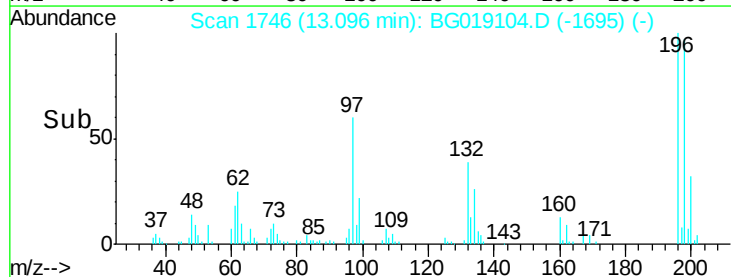
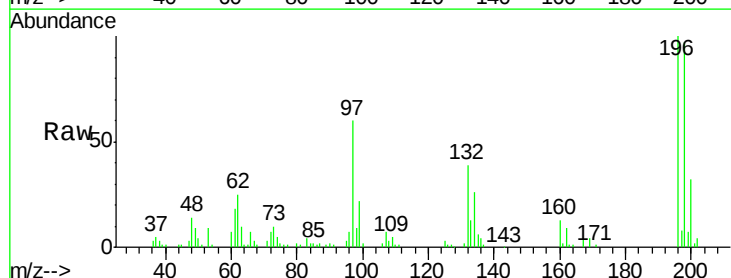
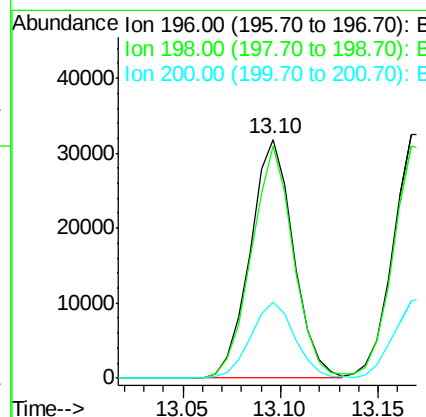
Manual Integrations
 APPROVED

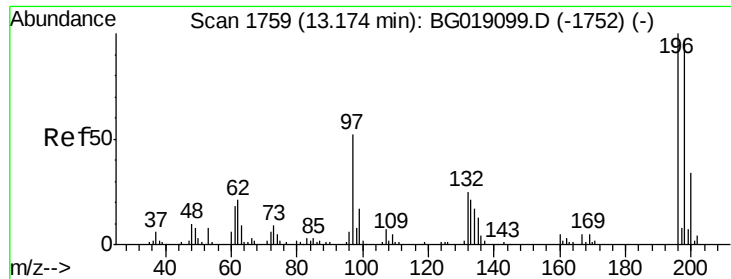
MMdadoda
 10/12/2015 7:00:47 PM



#42
 2,4,6-Trichlorophenol
 Concen: 41.77 ng
 RT: 13.10 min Scan# 1746
 Delta R.T. -0.00 min
 Lab File: BG019104.D
 Acq: 10 Oct 2015 6:42

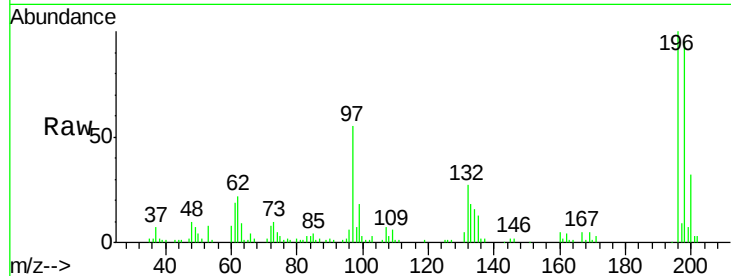
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	48627		
198	97.2	72.0	108.0	
200	32.0	25.5	38.3	





#43
 2,4,5-Trichlorophenol
 Concen: 44.49 ng
 RT: 13.17 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: BG019104.D
 Acq: 10 Oct 2015 6:42

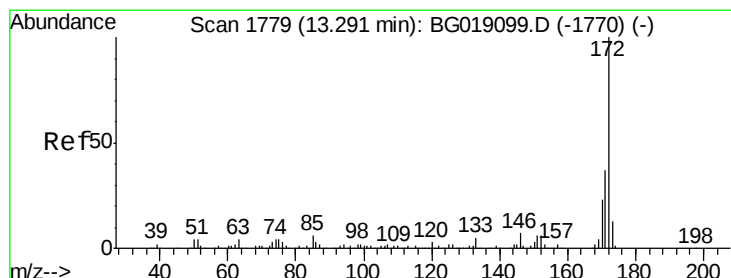
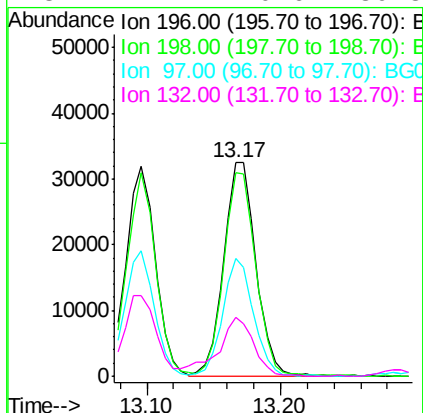
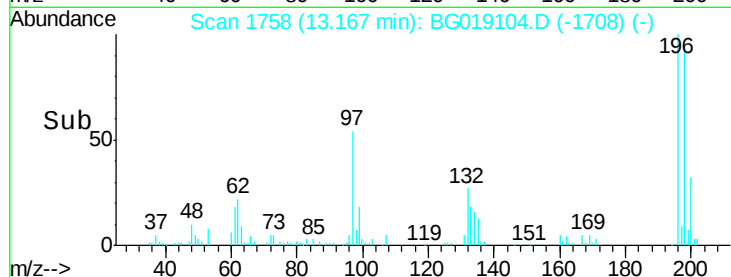
Instrument :
 BNA_G
 ClientSampleId :
 PB85924BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	55038		
198	95.4	77.7	116.5	
97	54.9	41.4	62.2	
132	27.4	20.6	30.8	

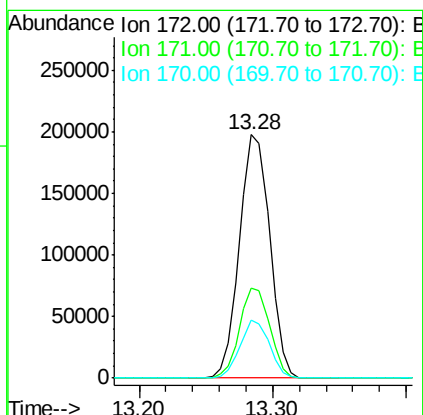
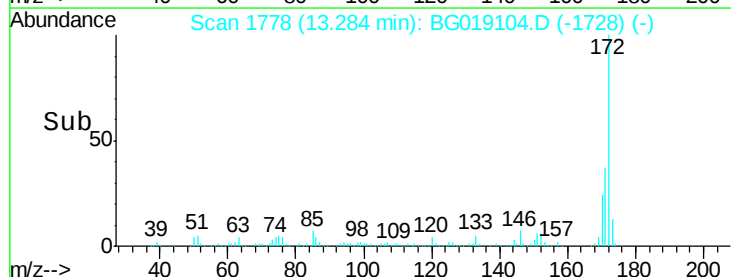
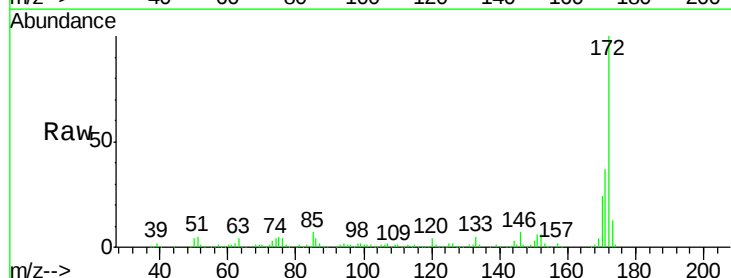
Manual Integrations
 APPROVED

MMdadoda
 10/12/2015 7:00:47 PM



#44
 2-Fluorobiphenyl
 Concen: 81.96 ng
 RT: 13.28 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG019104.D
 Acq: 10 Oct 2015 6:42

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	310113		
171	37.2	29.9	44.9	
170	23.6	18.6	27.8	





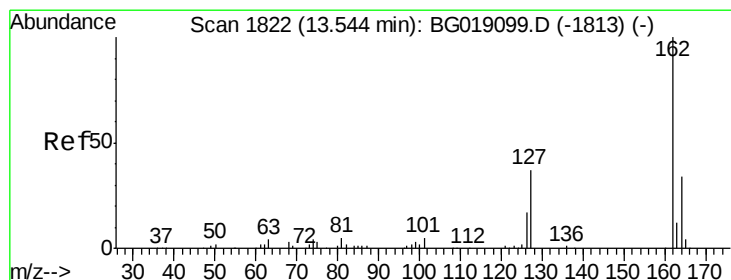
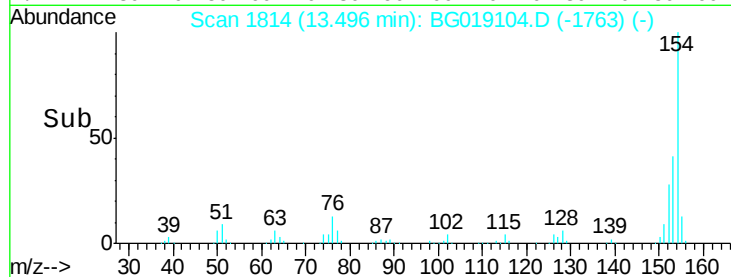
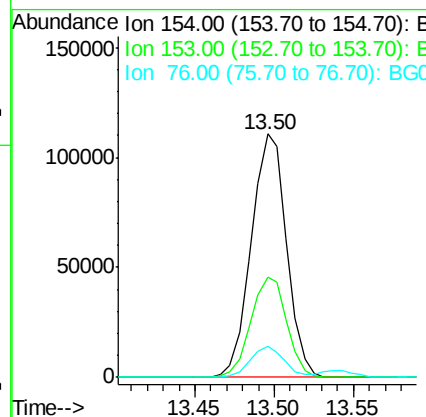
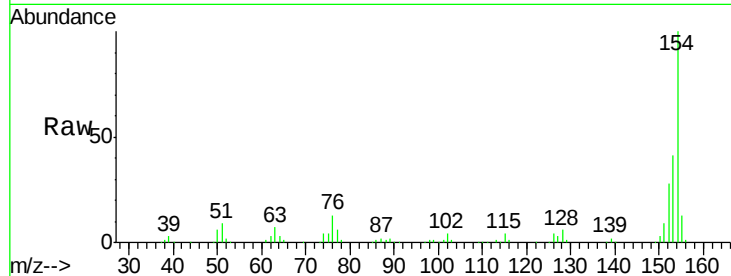
#45
 1,1'-Biphenyl
 Concen: 40.43 ng
 RT: 13.50 min Scan# 1814
 Delta R.T. -0.00 min
 Lab File: BG019104.D
 Acq: 10 Oct 2015 6:42

Instrument :
 BNA_G
 ClientSampleId :
 PB85924BS

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	41.2	20.6	60.6
76	12.8	0.0	32.2

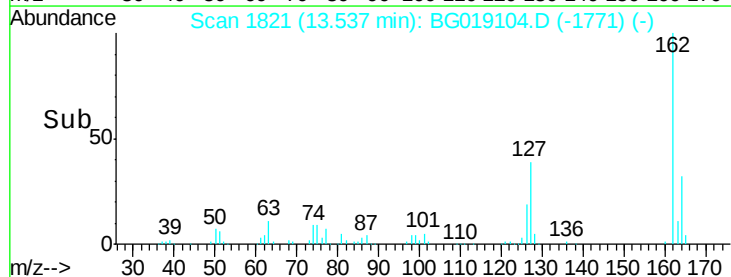
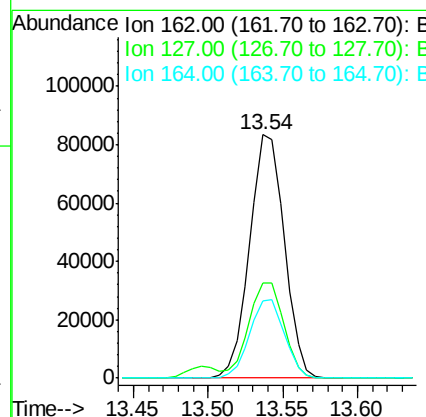
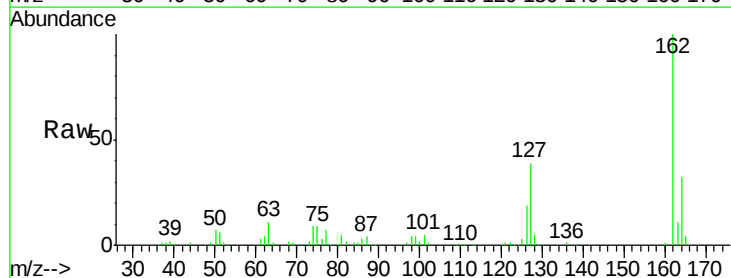
Manual Integrations
 APPROVED

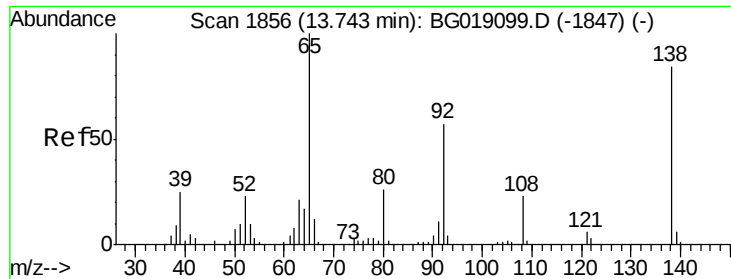
MMdadoda
 10/12/2015 7:00:47 PM



#46
 2-Chloronaphthalene
 Concen: 41.11 ng
 RT: 13.54 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BG019104.D
 Acq: 10 Oct 2015 6:42

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	39.0	32.2	48.4
164	31.9	27.3	40.9





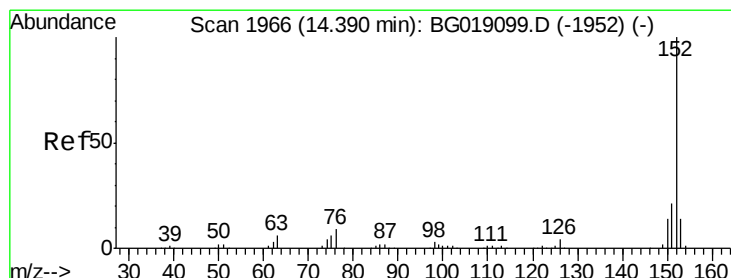
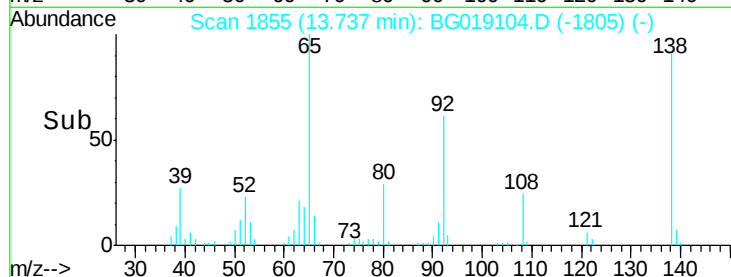
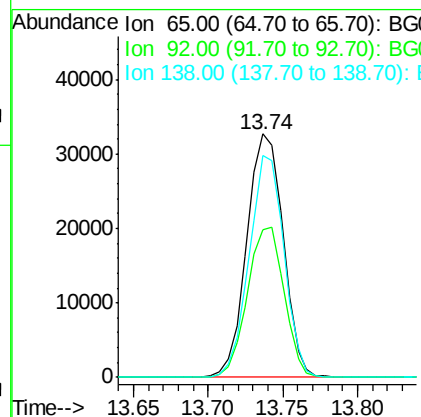
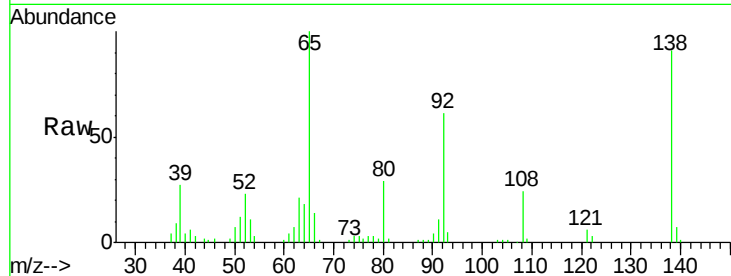
#47
2-Nitroaniline
Concen: 42.16 ng
RT: 13.74 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Instrument :
BNA_G
ClientSampleId :
PB85924BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.9	45.8	68.8
138	90.9	66.9	100.3

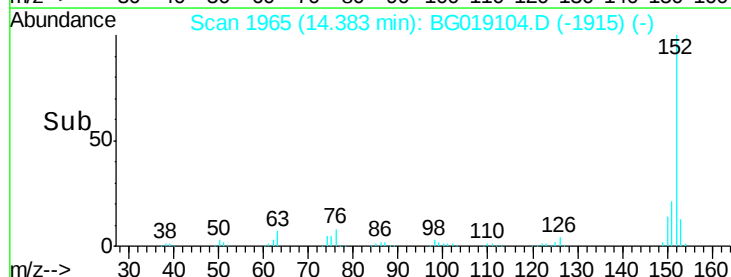
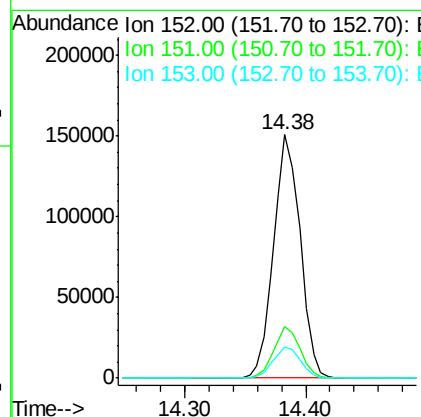
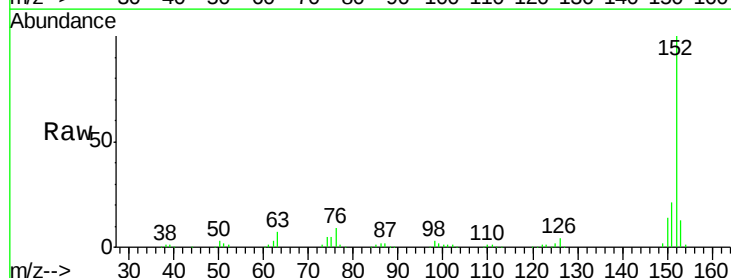
Manual Integrations
APPROVED

MMdadoda
10/12/2015 7:00:47 PM



#48
Acenaphthylene
Concen: 40.01 ng
RT: 14.38 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.8	25.2
153	13.0	11.0	16.4





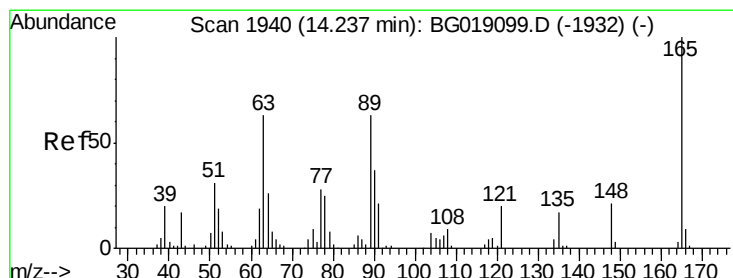
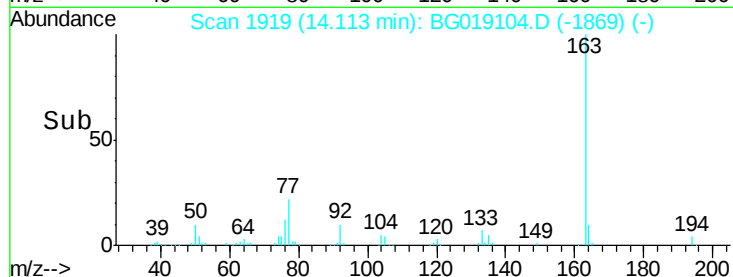
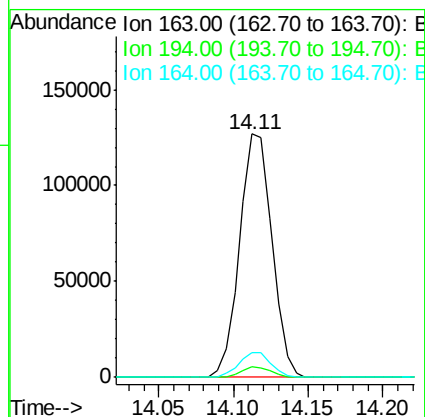
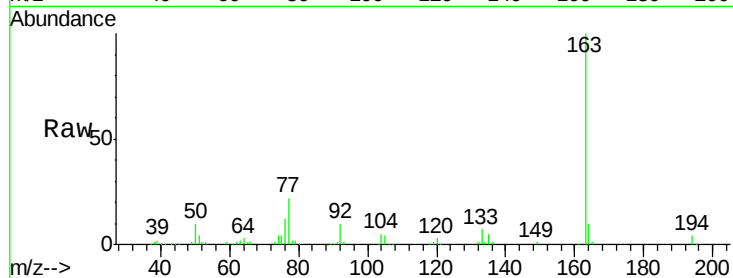
#49
Dimethylphthalate
Concen: 41.53 ng
RT: 14.11 min Scan# 1919
Delta R.T. -0.01 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Instrument :
BNA_G
ClientSampleId :
PB85924BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.1	3.2	4.8
164	10.2	8.1	12.1

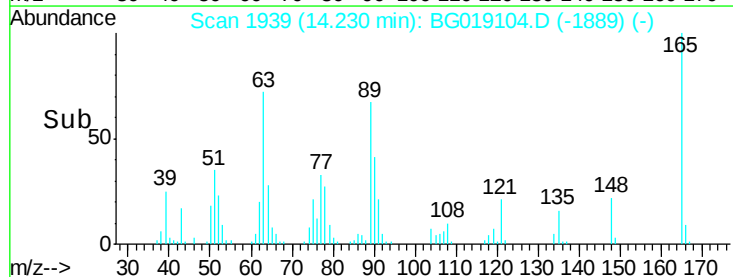
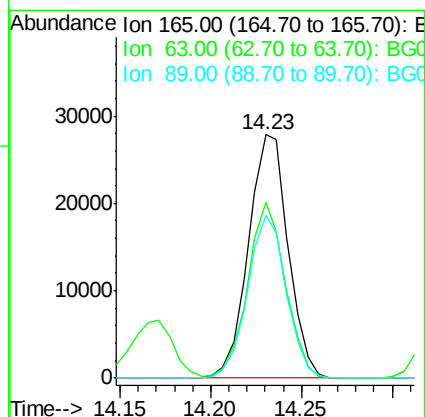
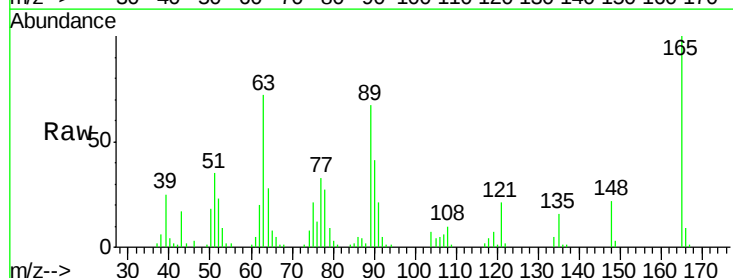
Manual Integrations
APPROVED

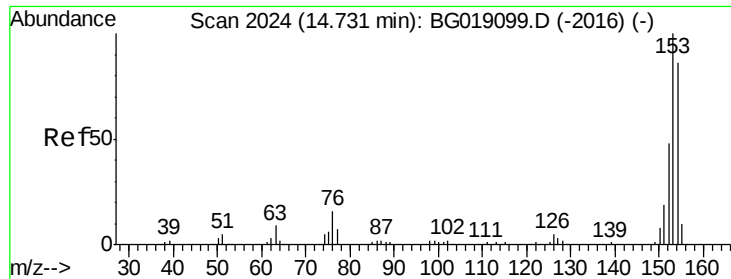
MMdadoda
10/12/2015 7:00:47 PM



#50
2,6-Dinitrotoluene
Concen: 43.01 ng
RT: 14.23 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	72.4	52.6	78.8
89	66.8	50.6	76.0





#51

Acenaphthene

Concen: 40.66 ng

RT: 14.73 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BG019104.D

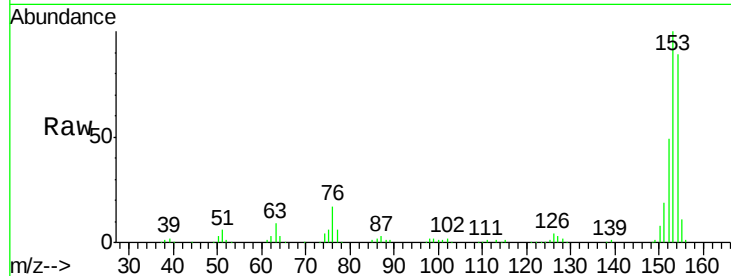
Acq: 10 Oct 2015 6:42

Instrument :

BNA_G

ClientSampleId :

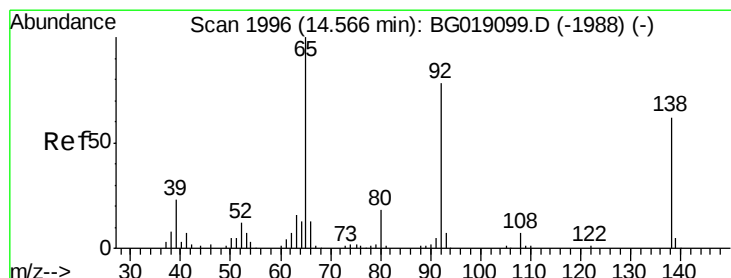
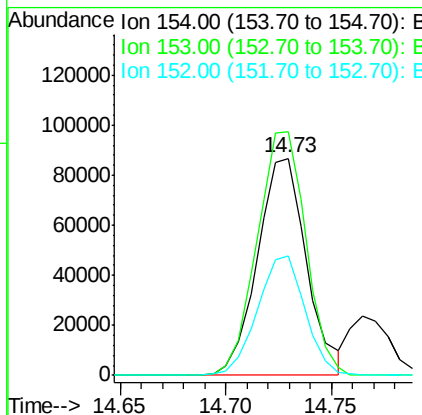
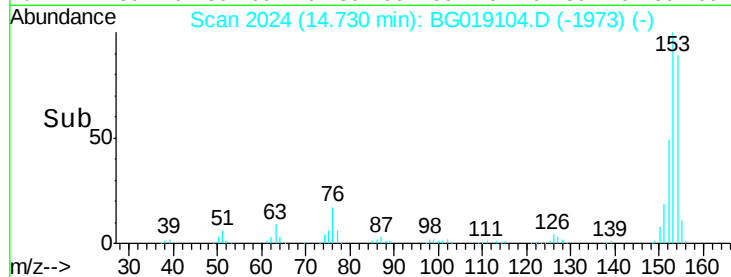
PB85924BS



Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.2	93.4	140.2
152	55.2	44.9	67.3

Manual Integrations
APPROVED

MMdadoda
10/12/2015 7:00:47 PM



#52

3-Nitroaniline

Concen: 28.95 ng

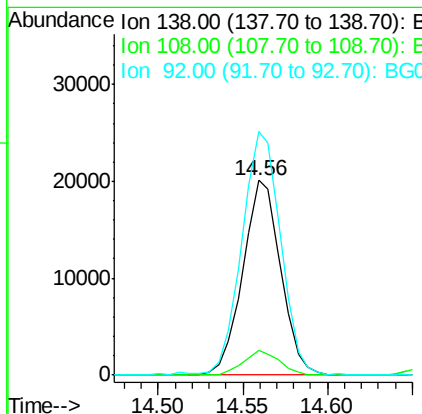
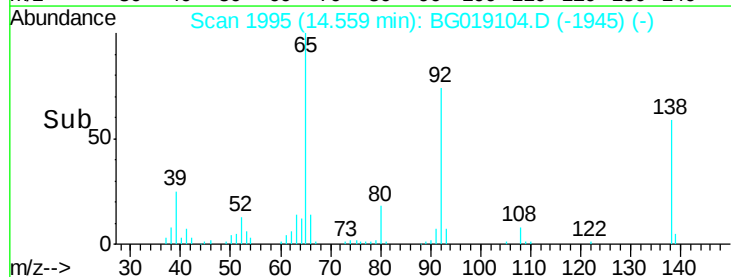
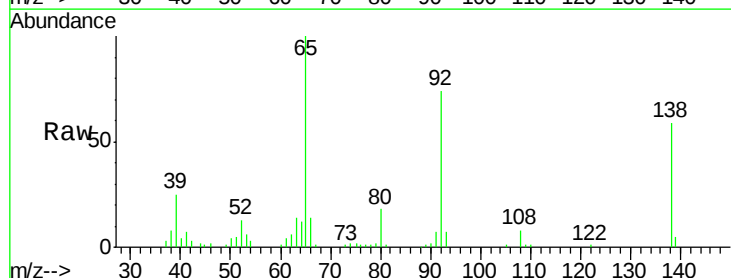
RT: 14.56 min Scan# 1995

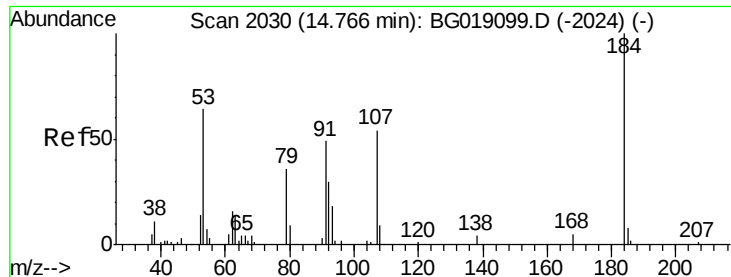
Delta R.T. -0.01 min

Lab File: BG019104.D

Acq: 10 Oct 2015 6:42

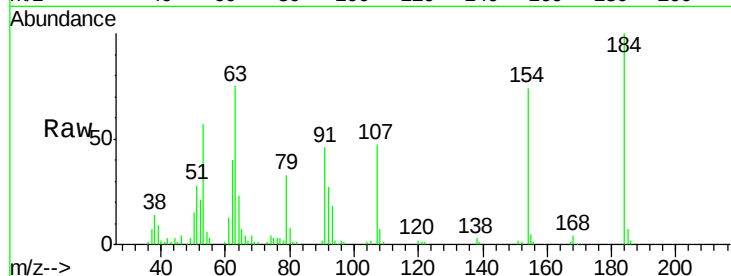
Tgt Ion	Ratio	Lower	Upper
138	100		
108	13.0	8.6	13.0#
92	125.2	101.4	152.0





#53
2,4-Dinitrophenol
Concen: 84.62 ng
RT: 14.76 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

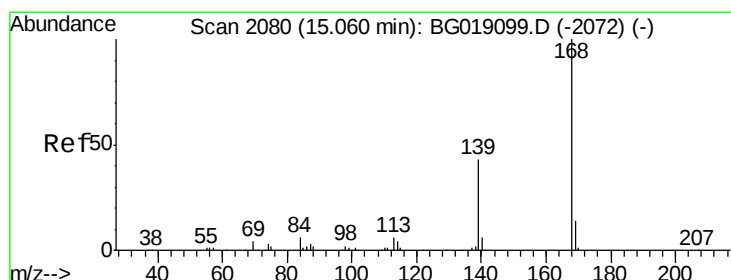
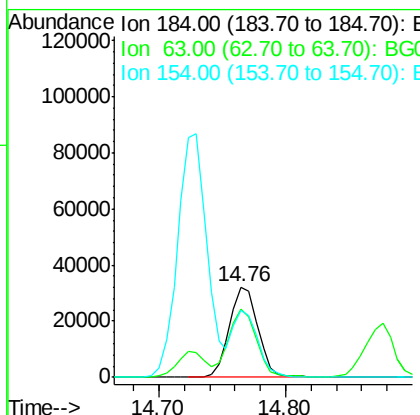
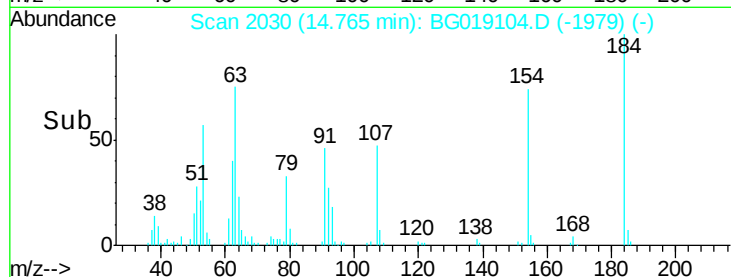
Instrument :
BNA_G
ClientSampleId :
PB85924BS



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	50152		
63	75.3	67.5	101.3	
154	73.8	62.4	93.6	

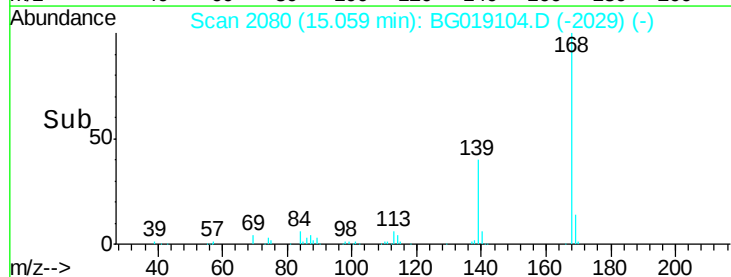
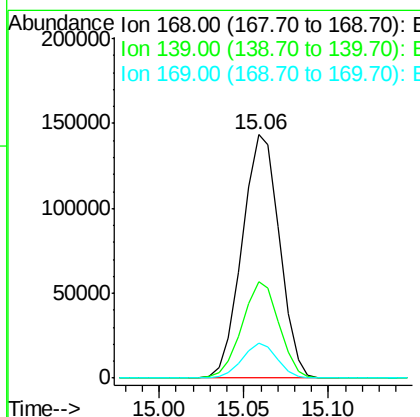
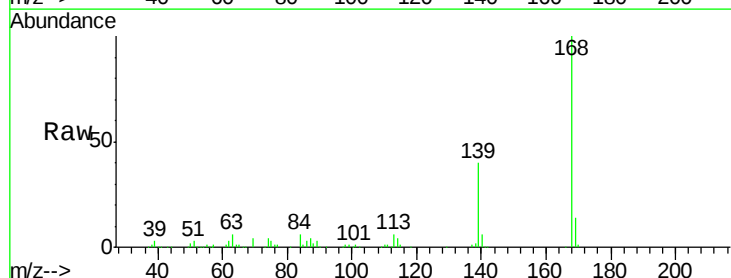
Manual Integrations
APPROVED

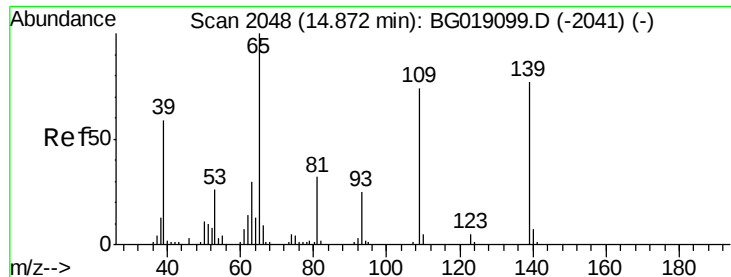
MMdadoda
10/12/2015 7:00:47 PM



#54
Dibenzofuran
Concen: 43.44 ng
RT: 15.06 min Scan# 2080
Delta R.T. -0.00 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	221286		
139	39.8	34.2	51.4	
169	14.2	11.4	17.0	





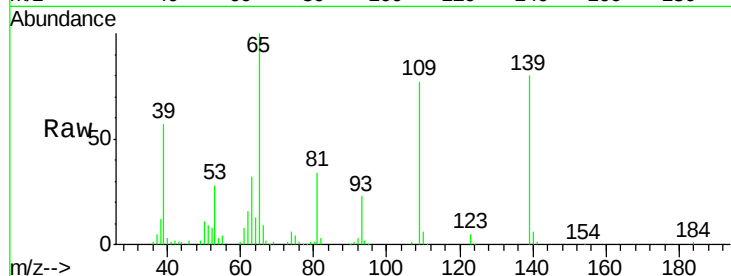
#55
4-Nitrophenol
Concen: 95.73 ng
RT: 14.88 min Scan# 2049
Delta R.T. 0.00 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Instrument :
BNA_G
ClientSampleId :
PB85924BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	78476		
109	97.0	76.8	116.8	
65	125.3	110.0	150.0	

Manual Integrations
APPROVED

MMdadoda
10/12/2015 7:00:47 PM

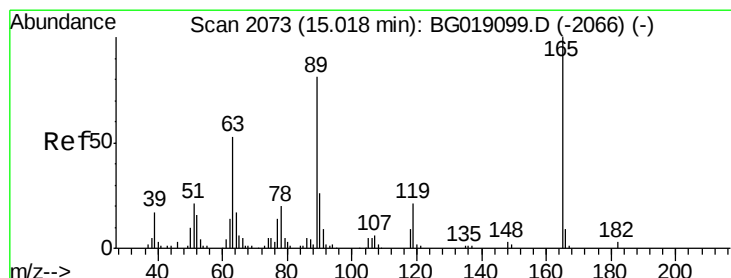
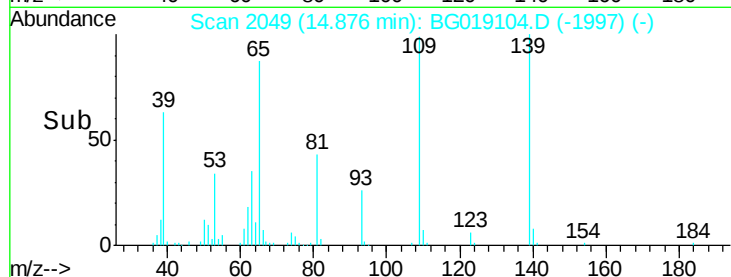
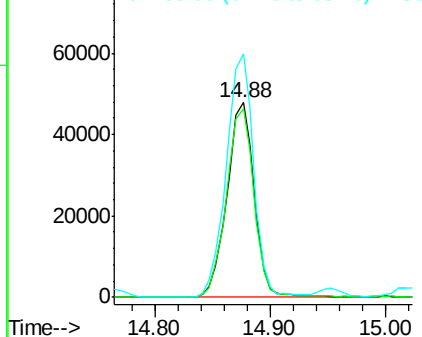


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56
2,4-Dinitrotoluene
Concen: 45.29 ng
RT: 15.02 min Scan# 2073
Delta R.T. -0.00 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	64639		
63	49.2	42.2	63.2	
89	77.4	64.8	97.2	
182	2.8	2.4	3.6	

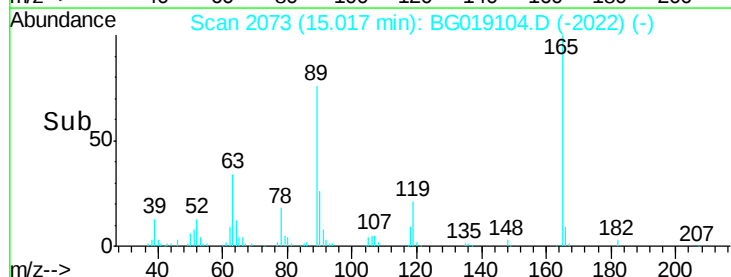
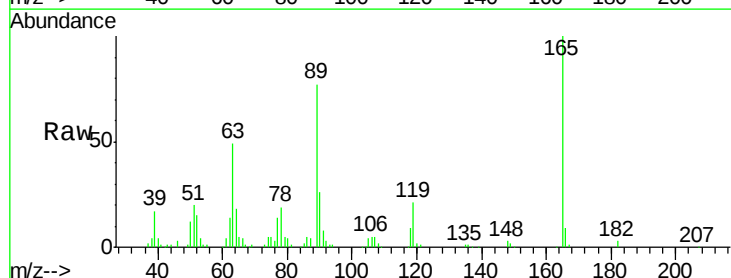
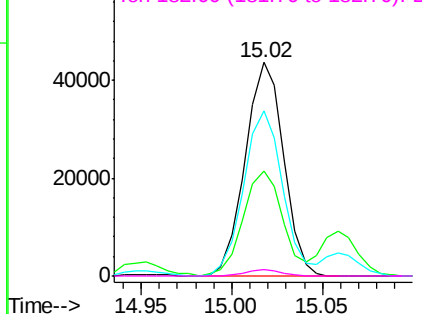
Abundance

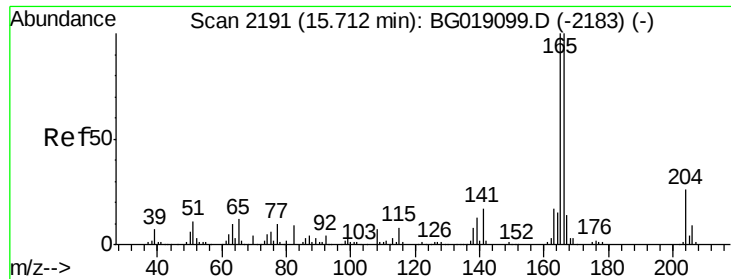
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





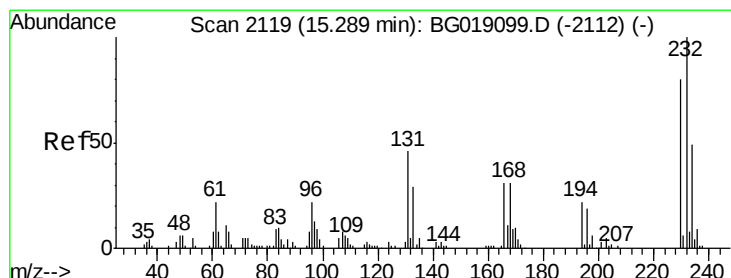
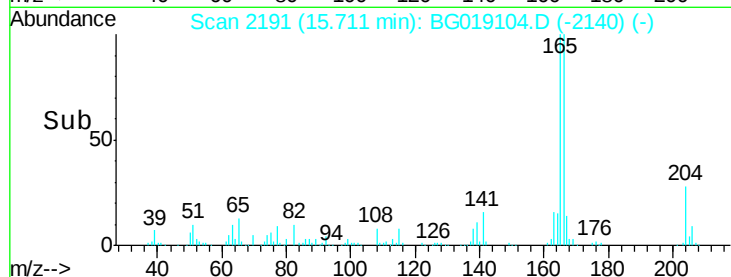
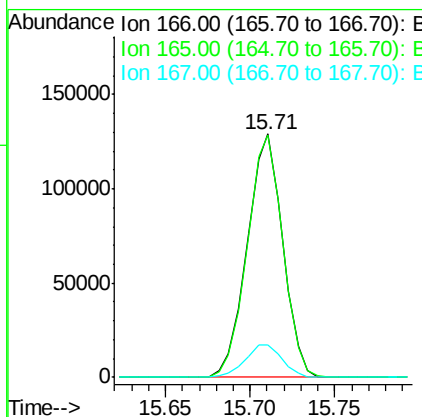
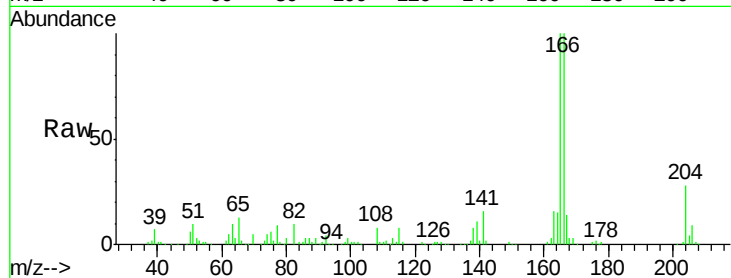
#57
Fluorene
 Concen: 42.64 ng
 RT: 15.71 min Scan# 2191
 Delta R.T. -0.00 min
 Lab File: BG019104.D
 Acq: 10 Oct 2015 6:42

Instrument :
 BNA_G
 ClientSampleId :
 PB85924BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	188434		
165	99.7	80.2	120.2	
167	13.5	11.4	17.0	

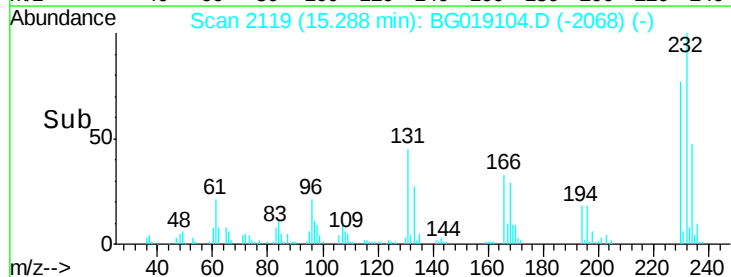
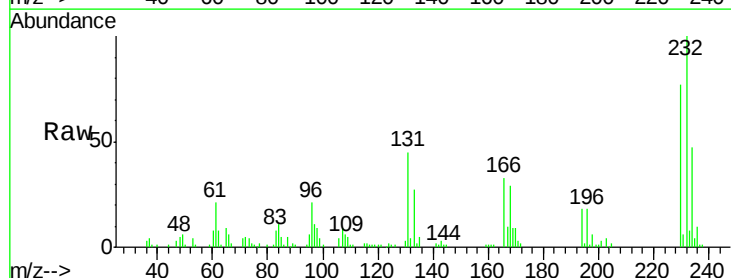
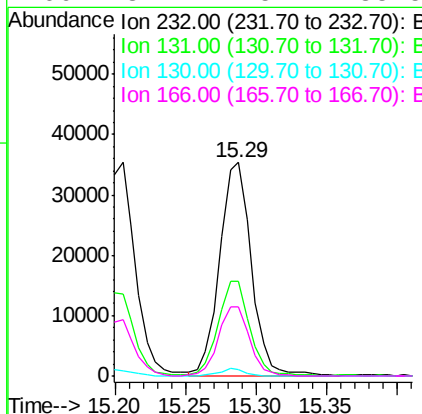
Manual Integrations
 APPROVED

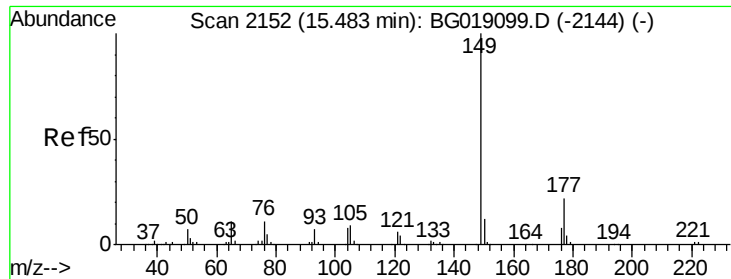
MMdadoda
 10/12/2015 7:00:47 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 47.41 ng
 RT: 15.29 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: BG019104.D
 Acq: 10 Oct 2015 6:42

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	55521		
131	44.3	36.5	54.7	
130	2.7	2.3	3.5	
166	31.7	25.7	38.5	





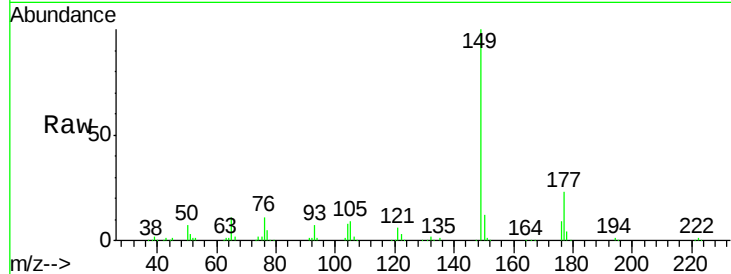
#59
Diethylphthalate
Concen: 42.73 ng
RT: 15.48 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Instrument :
BNA_G
ClientSampleId :
PB85924BS

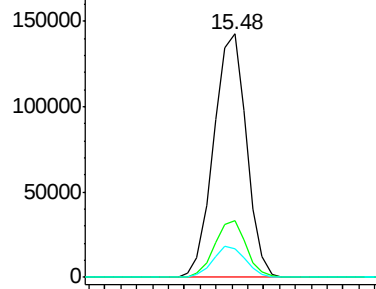
Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	23.1	17.7	26.5
150	11.9	9.4	14.2

Manual Integrations
APPROVED

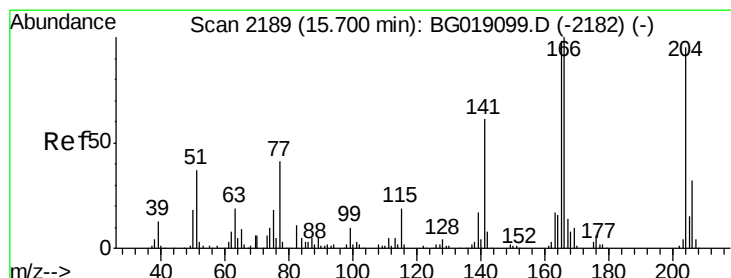
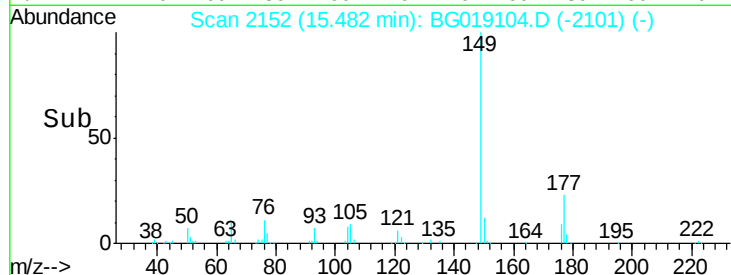
MMdadoda
10/12/2015 7:00:47 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

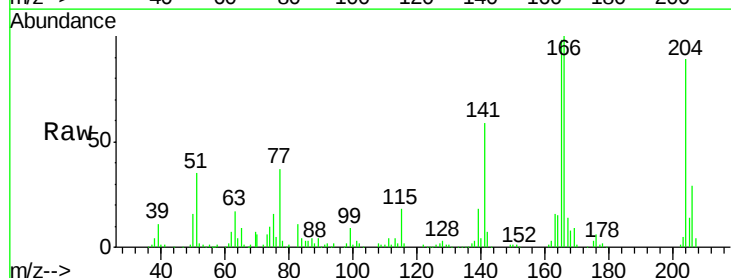


Time--> 15.40 15.45 15.50 15.55

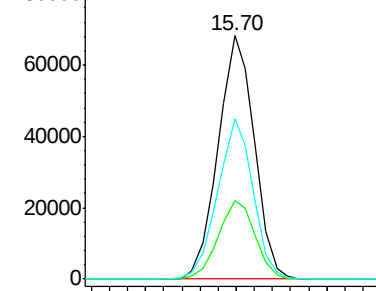


#60
4-Chlorophenyl-phenylether
Concen: 42.19 ng
RT: 15.70 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

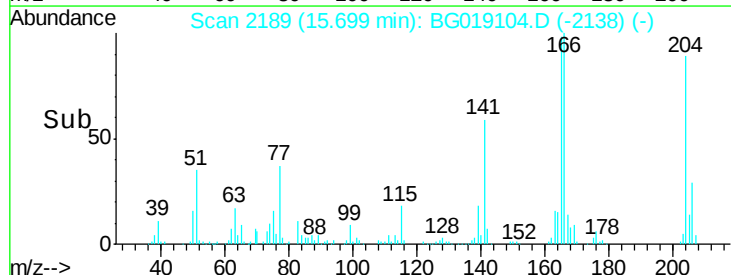
Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	32.4	27.0	40.4
141	65.8	51.9	77.9

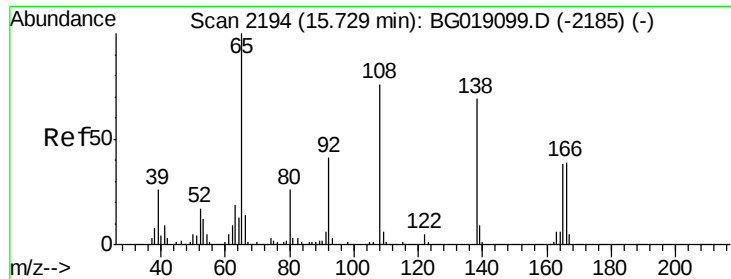


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



Time--> 15.65 15.70 15.75





#61

4-Nitroaniline

Concen: 42.27 ng

RT: 15.73 min Scan# 2194

Delta R.T. -0.00 min

Lab File: BG019104.D

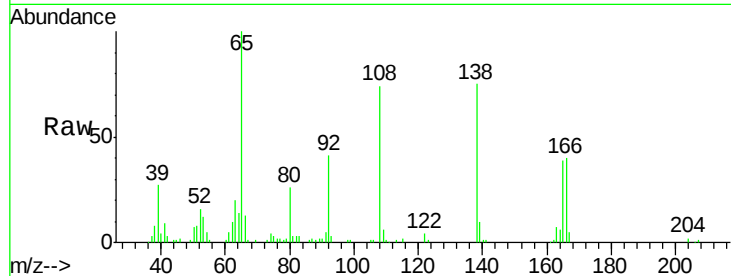
Acq: 10 Oct 2015 6:42

Instrument :

BNA_G

ClientSampleId :

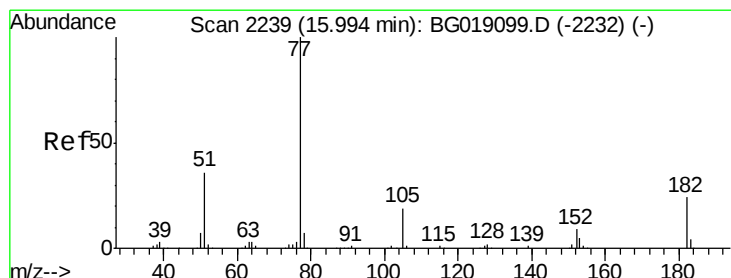
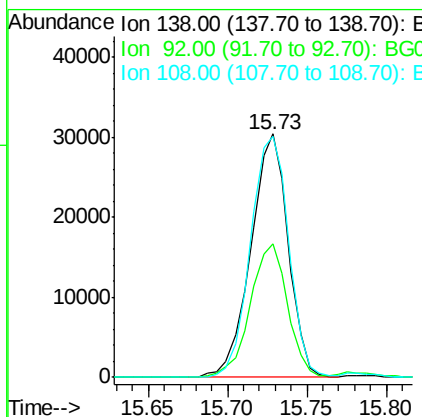
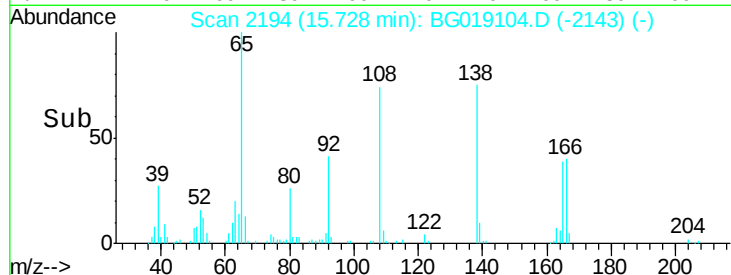
PB85924BS



Tgt Ion:	138	Resp:	49758
Ion	Ratio	Lower	Upper
138	100		
92	55.1	39.0	79.0
108	99.1	90.8	130.8

Manual Integrations
APPROVED

MMdadoda
10/12/2015 7:00:47 PM



#62

Azobenzene

Concen: 43.89 ng

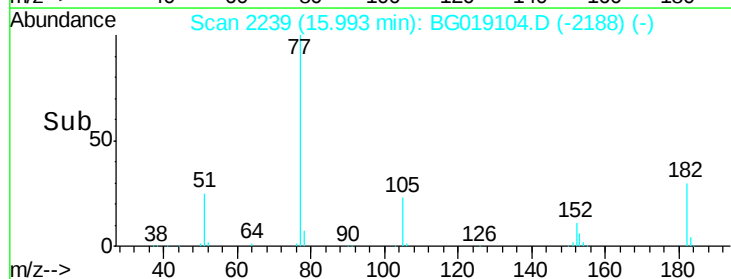
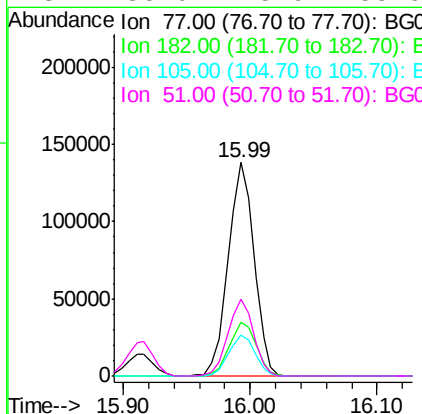
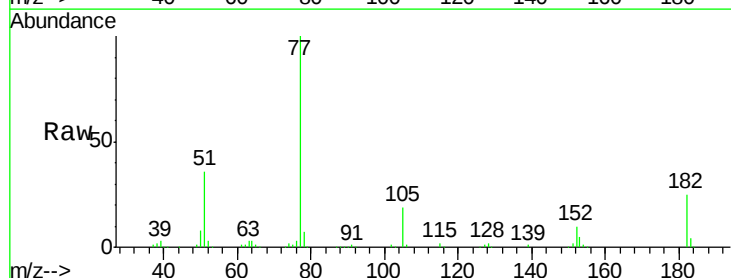
RT: 15.99 min Scan# 2239

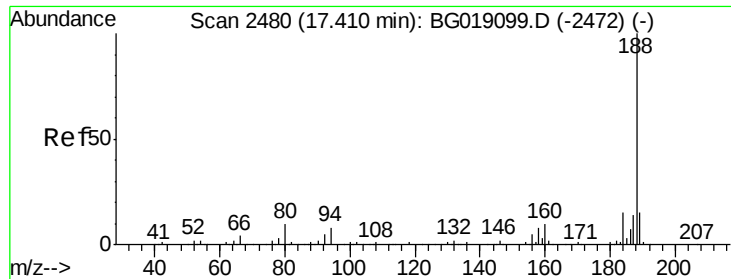
Delta R.T. -0.00 min

Lab File: BG019104.D

Acq: 10 Oct 2015 6:42

Tgt Ion:	77	Resp:	194256
Ion	Ratio	Lower	Upper
77	100		
182	25.0	4.4	44.4
105	19.4	0.0	39.1
51	36.0	15.9	55.9





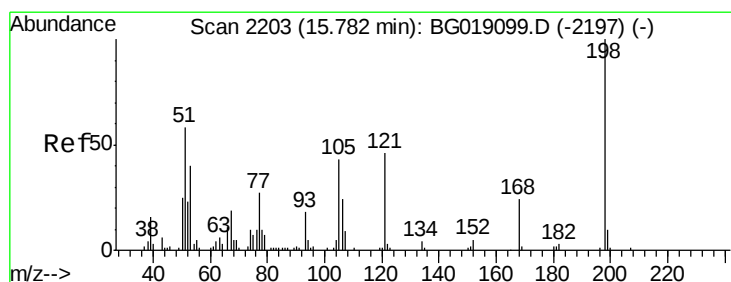
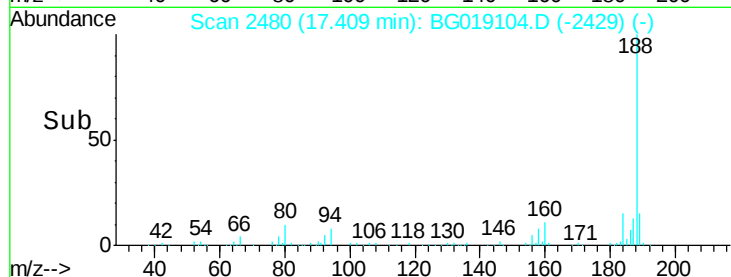
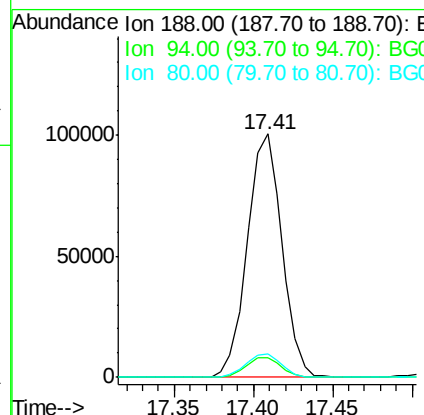
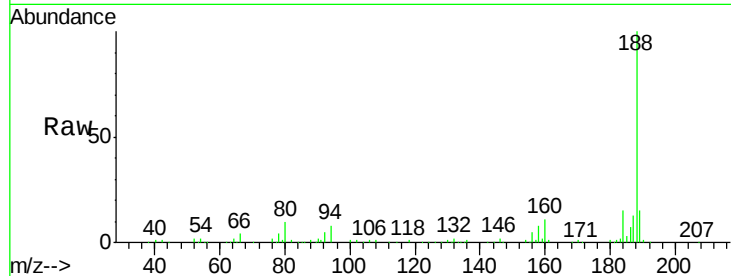
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.41 min Scan# 2480
Delta R.T. -0.00 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Instrument :
BNA_G
ClientSampleId :
PB85924BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.1	6.4	9.6
80	9.8	7.6	11.4

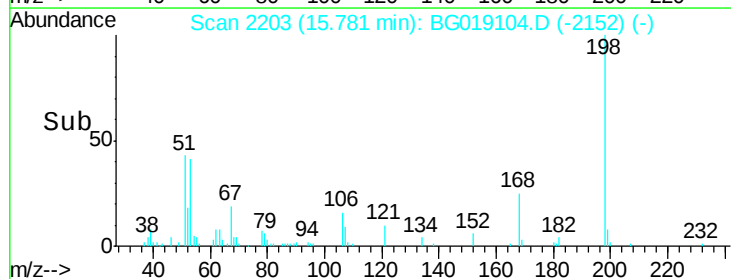
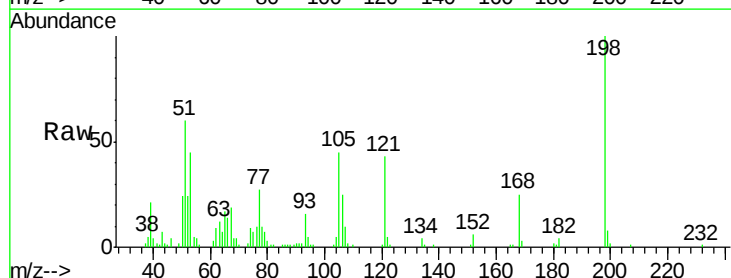
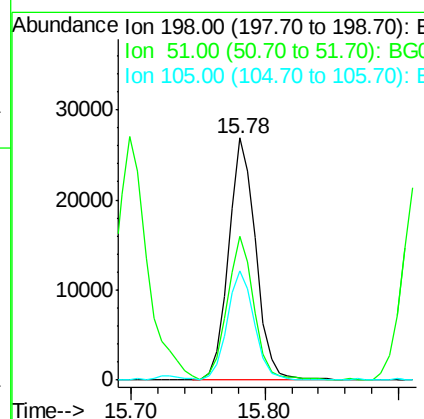
Manual Integrations
APPROVED

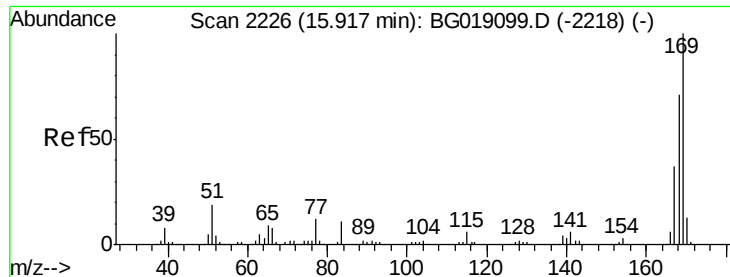
MMdadoda
10/12/2015 7:00:47 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 46.27 ng
RT: 15.78 min Scan# 2203
Delta R.T. -0.00 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	59.6	40.1	80.1
105	45.1	23.4	63.4





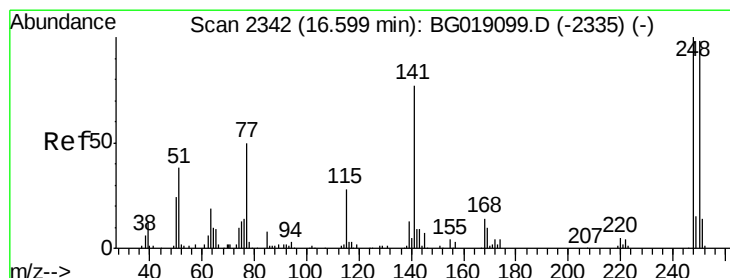
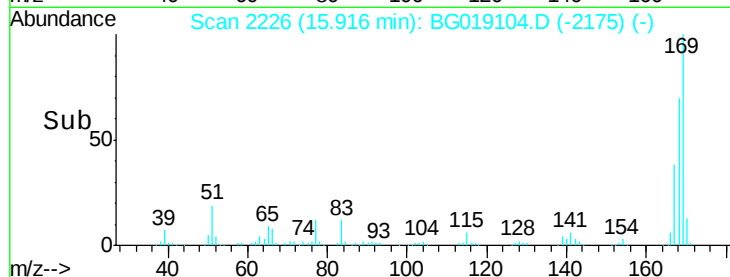
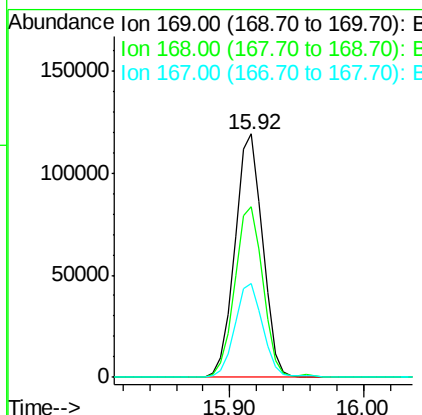
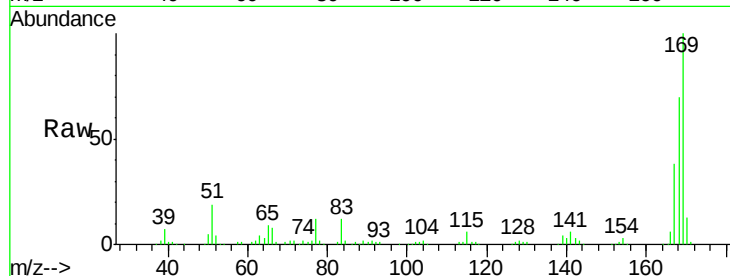
#65
n-Nitrosodiphenylamine
Concen: 40.80 ng
RT: 15.92 min Scan# 2226
Delta R.T. -0.00 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Instrument :
BNA_G
ClientSampleId :
PB85924BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	171581		
168	70.1	56.6	84.8	
167	38.3	30.0	45.0	

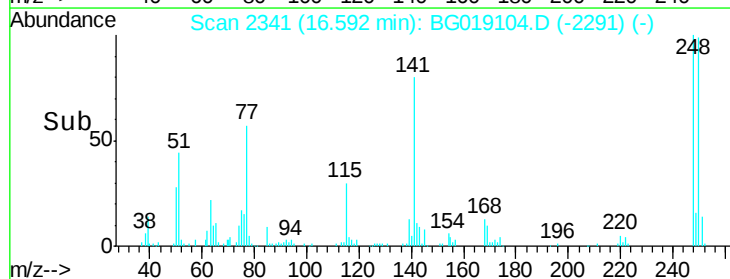
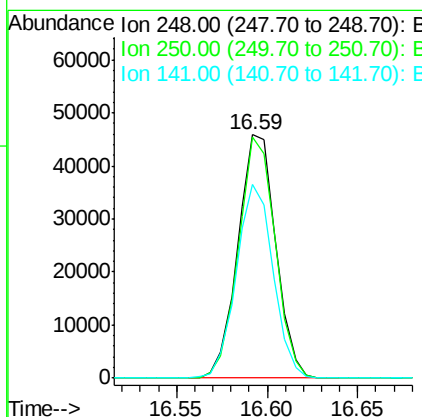
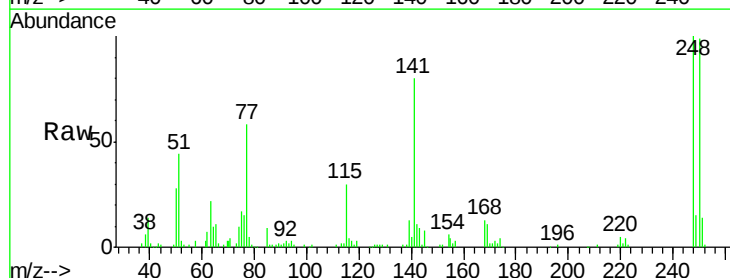
Manual Integrations
APPROVED

MMdadoda
10/12/2015 7:00:47 PM



#66
4-Bromophenyl-phenylether
Concen: 43.02 ng
RT: 16.59 min Scan# 2341
Delta R.T. -0.01 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	66519		
250	98.8	78.4	117.6	
141	79.7	61.7	92.5	





#67

Hexachlorobenzene

Concen: 42.22 ng

RT: 16.71 min Scan# 2361

Delta R.T. -0.01 min

Lab File: BG019104.D

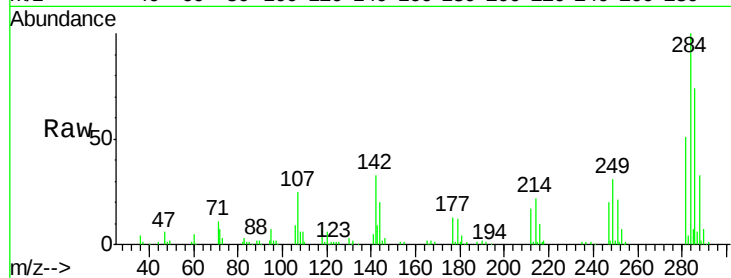
Acq: 10 Oct 2015 6:42

Instrument :

BNA_G

ClientSampleId :

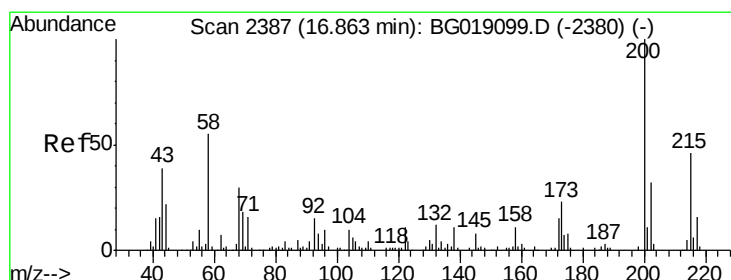
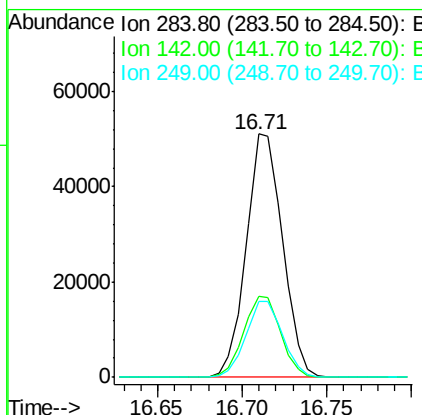
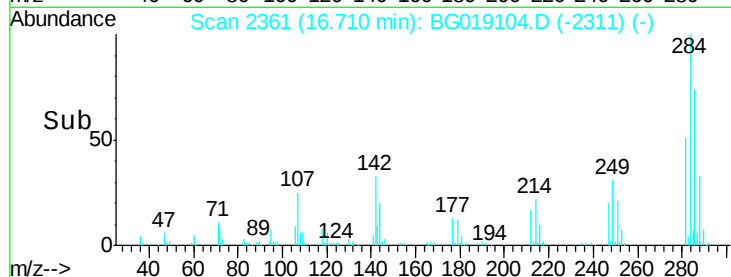
PB85924BS



Tgt Ion:	284	Resp:	76680
Ion Ratio	Lower	Upper	
284	100		
142	33.4	27.0	40.4
249	31.0	25.4	38.2

Manual Integrations
APPROVED

MMdadoda
10/12/2015 7:00:47 PM



#68

Atrazine

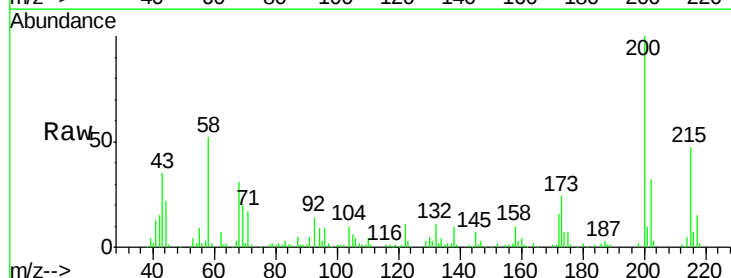
Concen: 45.33 ng

RT: 16.86 min Scan# 2387

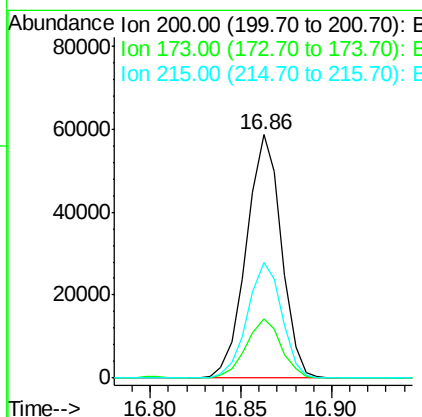
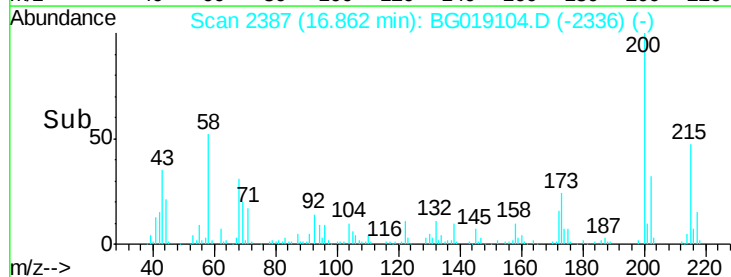
Delta R.T. -0.00 min

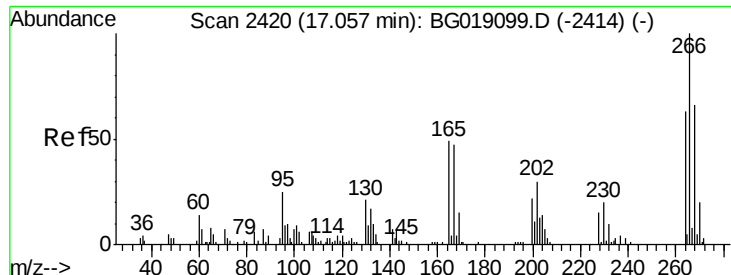
Lab File: BG019104.D

Acq: 10 Oct 2015 6:42



Tgt Ion:	200	Resp:	78511
Ion Ratio	Lower	Upper	
200	100		
173	24.5	3.3	43.3
215	47.5	26.4	66.4





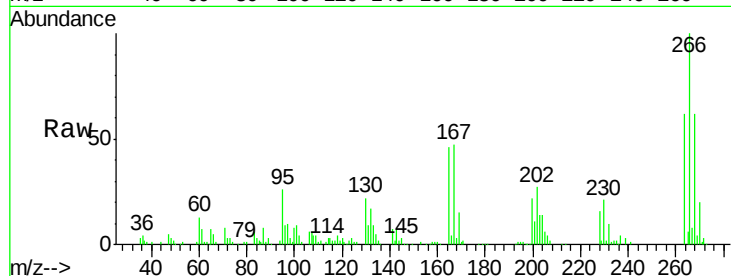
#69
 Pentachlorophenol
 Concen: 96.75 ng
 RT: 17.06 min Scan# 2420
 Delta R.T. -0.00 min
 Lab File: BG019104.D
 Acq: 10 Oct 2015 6:42

Instrument :
 BNA_G
 ClientSampleId :
 PB85924BS

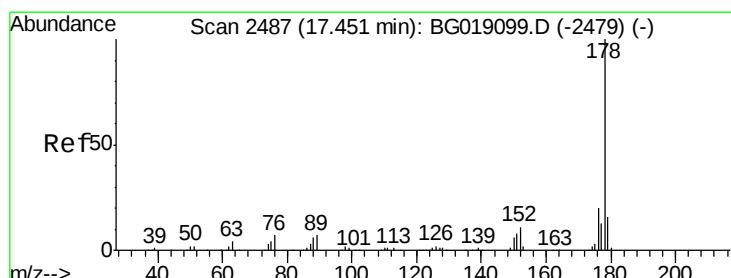
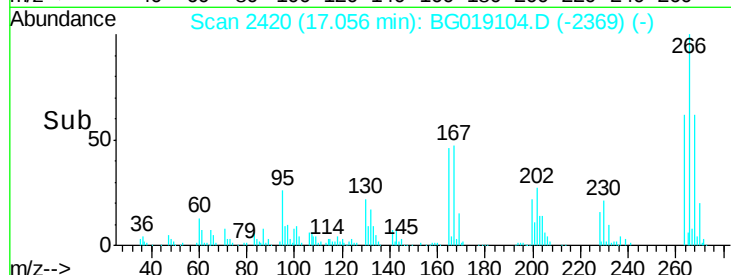
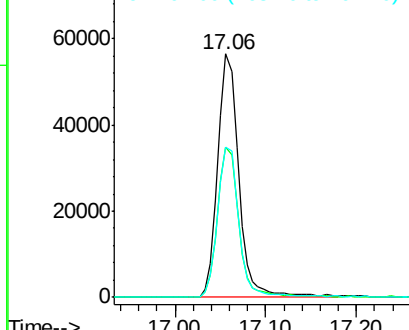
Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.6	53.0	79.4
264	61.5	50.1	75.1

Manual Integrations
 APPROVED

MMdadoda
 10/12/2015 7:00:47 PM

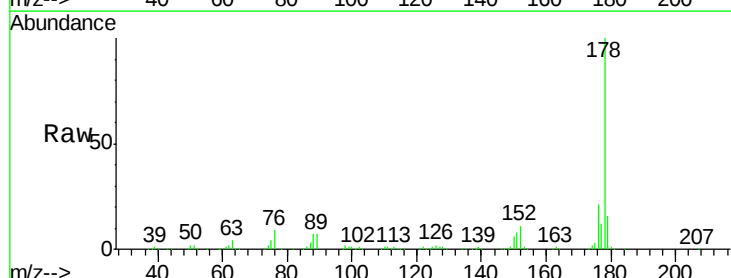


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

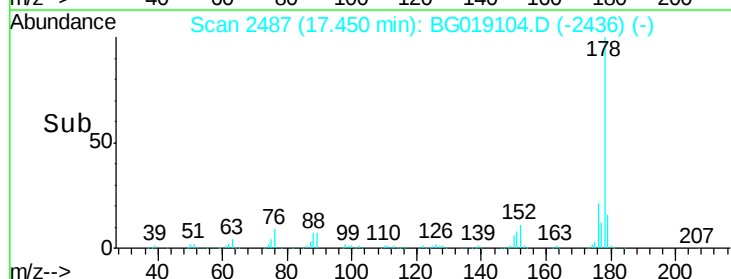
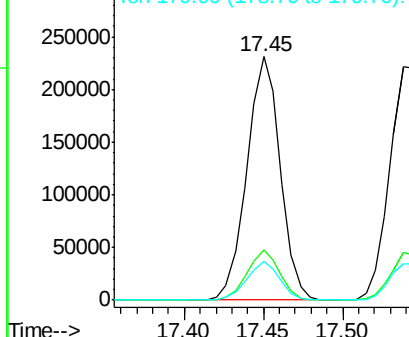


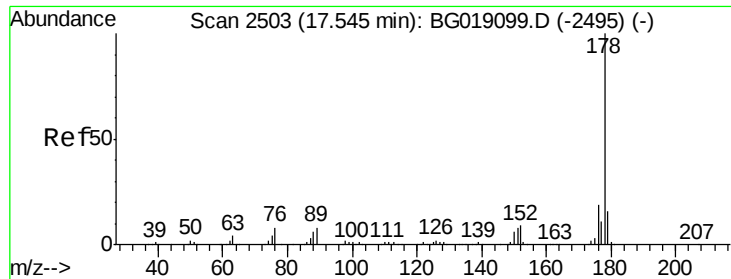
#70
 Phenanthrene
 Concen: 42.89 ng
 RT: 17.45 min Scan# 2487
 Delta R.T. -0.00 min
 Lab File: BG019104.D
 Acq: 10 Oct 2015 6:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.3	24.5
179	16.2	12.8	19.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





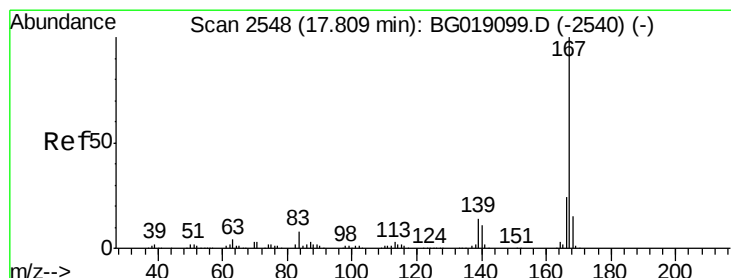
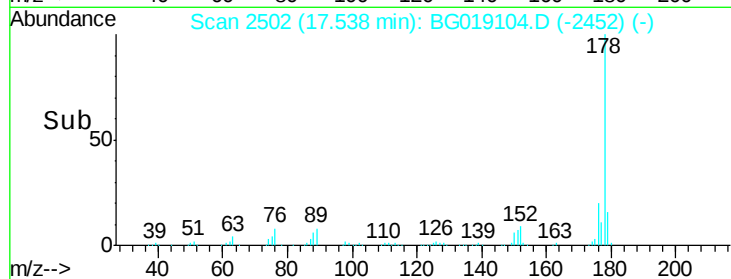
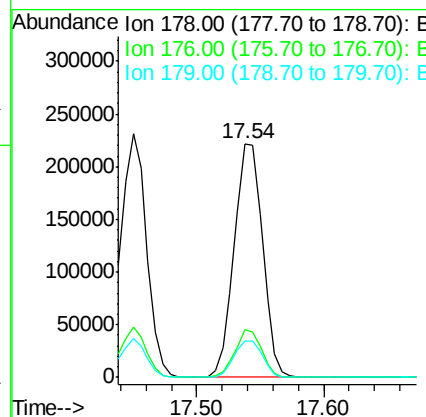
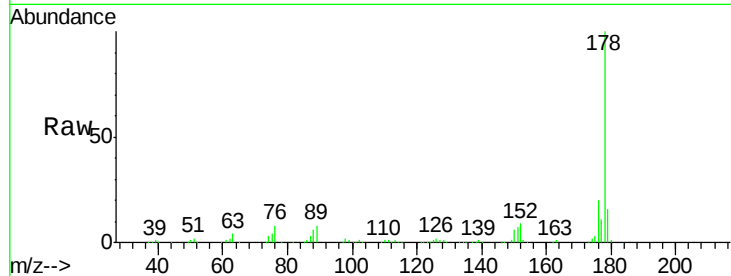
#71
 Anthracene
 Concen: 43.86 ng
 RT: 17.54 min Scan# 2502
 Delta R.T. -0.01 min
 Lab File: BG019104.D
 Acq: 10 Oct 2015 6:42

Instrument :
 BNA_G
 ClientSampleId :
 PB85924BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.5	23.3
179	15.6	12.9	19.3

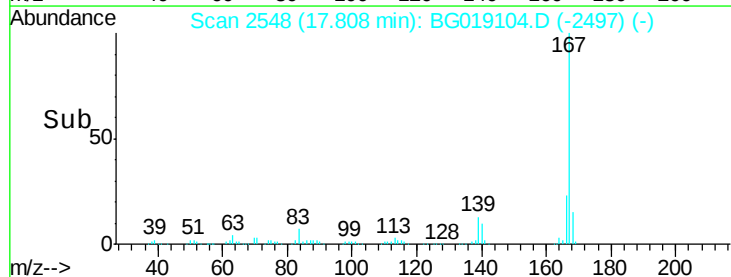
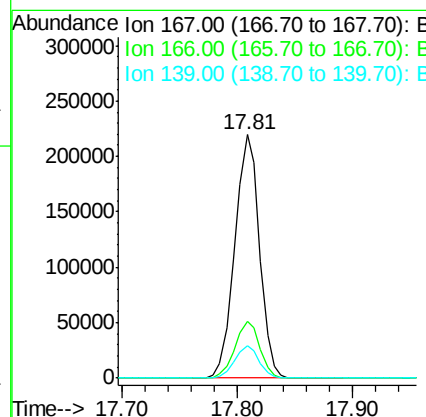
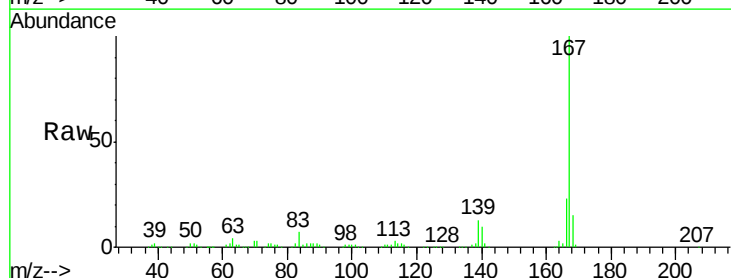
Manual Integrations
 APPROVED

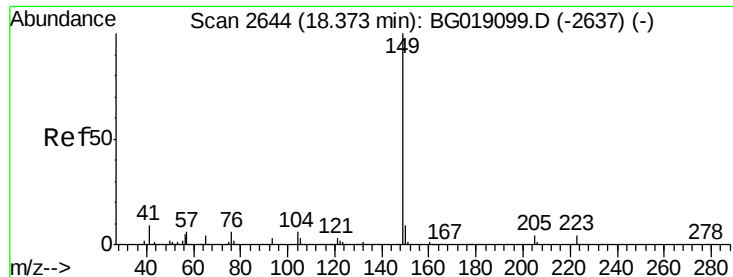
MMdadoda
 10/12/2015 7:00:47 PM



#72
 Carbazole
 Concen: 44.16 ng
 RT: 17.81 min Scan# 2548
 Delta R.T. -0.00 min
 Lab File: BG019104.D
 Acq: 10 Oct 2015 6:42

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.1	19.1	28.7
139	13.3	11.2	16.8





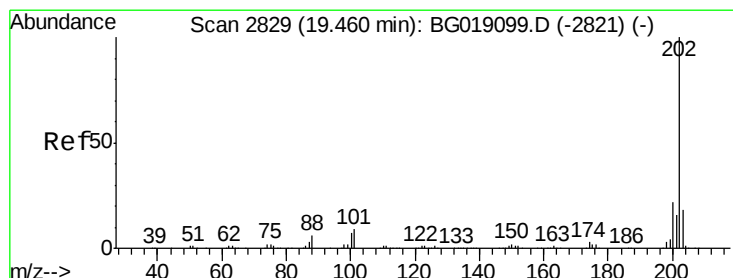
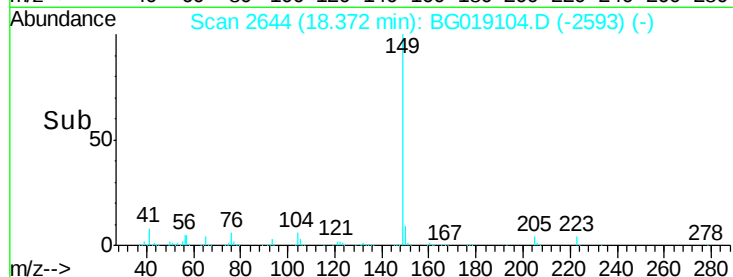
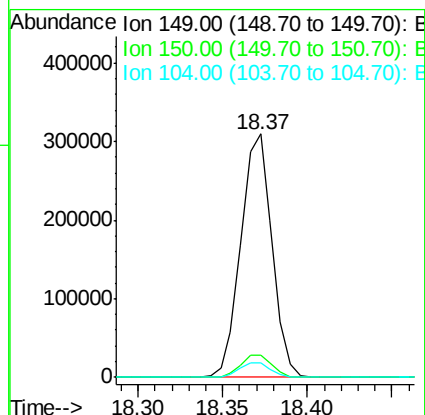
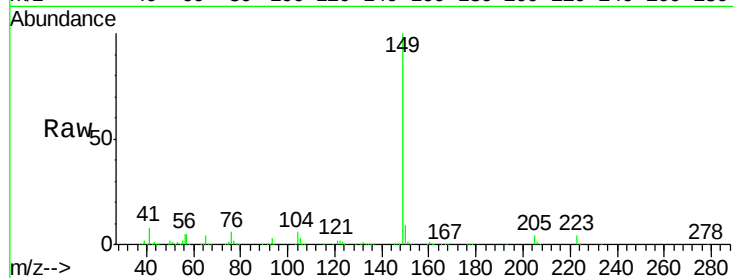
#73
Di-n-butylphthalate
Concen: 44.26 ng
RT: 18.37 min Scan# 2644
Delta R.T. -0.00 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Instrument :
BNA_G
ClientSampleId :
PB85924BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
150	9.1	7.5	11.3
104	5.8	5.0	7.6

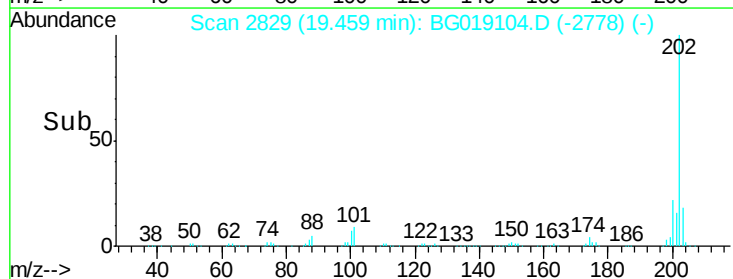
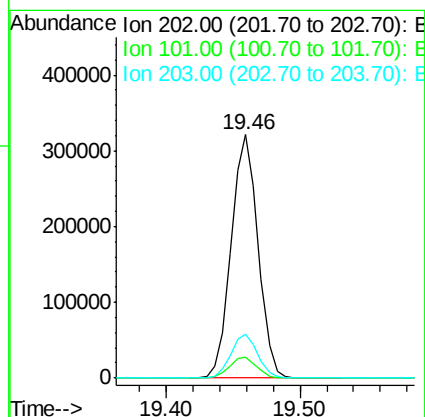
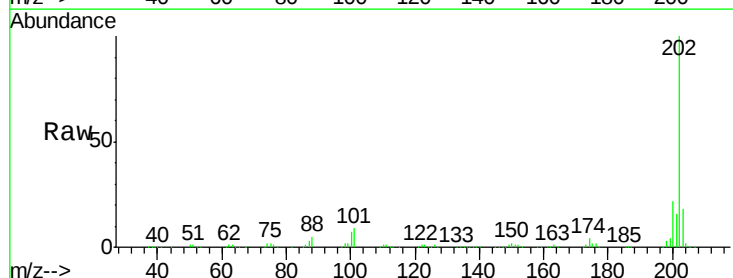
Manual Integrations
APPROVED

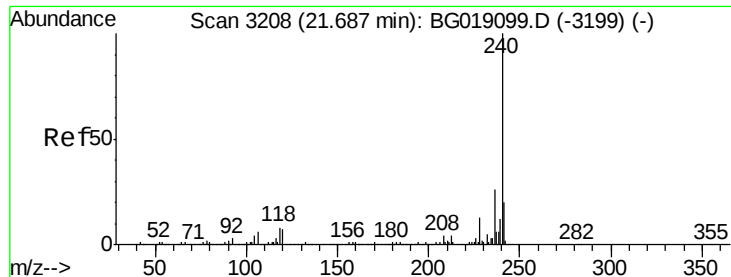
MMdadoda
10/12/2015 7:00:47 PM



#74
Fluoranthene
Concen: 44.62 ng
RT: 19.46 min Scan# 2829
Delta R.T. -0.00 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	8.8	0.0	28.9
203	17.8	0.0	38.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.68 min Scan# 3207

Delta R.T. -0.01 min

Lab File: BG019104.D

Acq: 10 Oct 2015 6:42

Instrument :

BNA_G

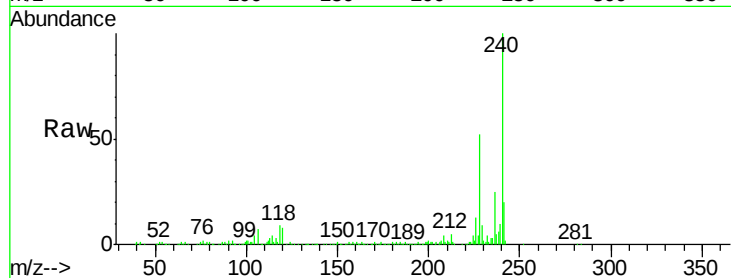
ClientSampleId :

PB85924BS

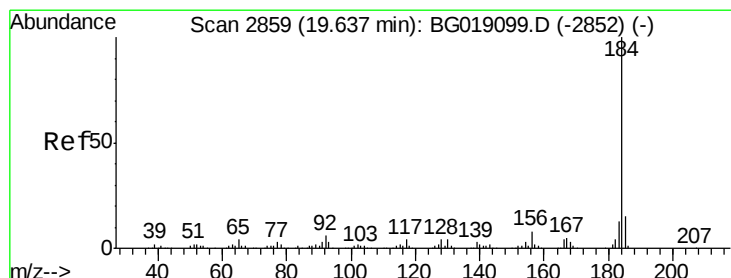
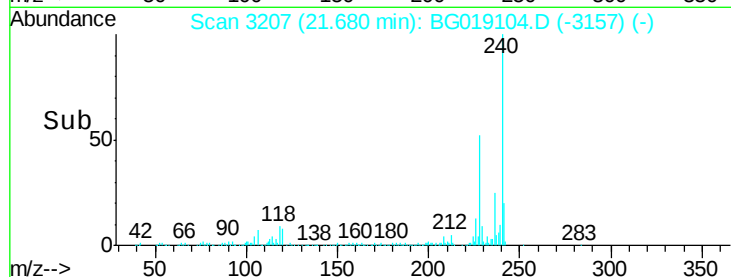
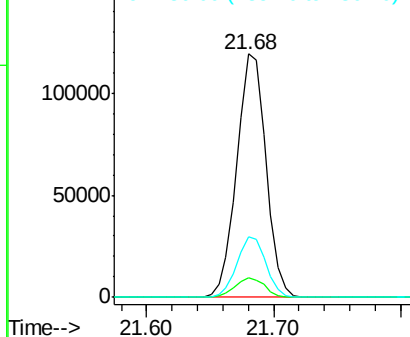
Tgt Ion:	240	Resp:	189935
Ion Ratio	Lower	Upper	
240	100		
120	8.2	5.8	8.6
236	25.0	21.2	31.8

Manual Integrations
APPROVED

MMdadoda
10/12/2015 7:00:47 PM



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



#76

Benzidine

Concen: 29.51 ng

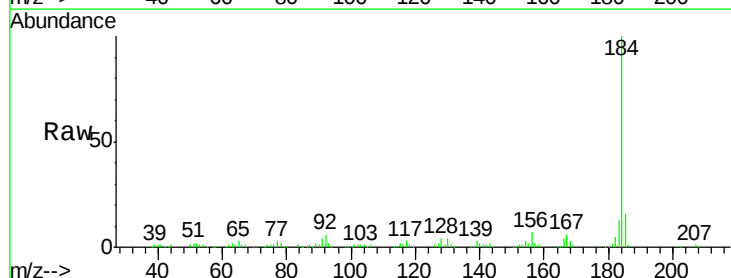
RT: 19.64 min Scan# 2859

Delta R.T. -0.00 min

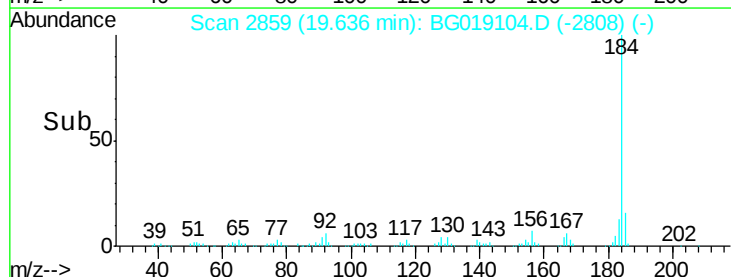
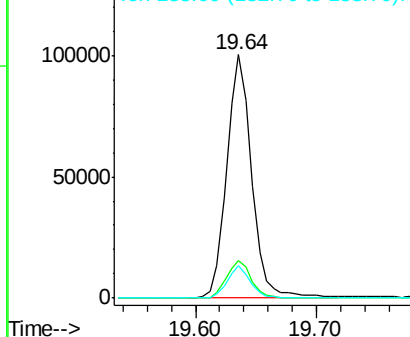
Lab File: BG019104.D

Acq: 10 Oct 2015 6:42

Tgt Ion:	184	Resp:	143823
Ion Ratio	Lower	Upper	
184	100		
185	15.6	11.9	17.9
183	13.2	10.1	15.1



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





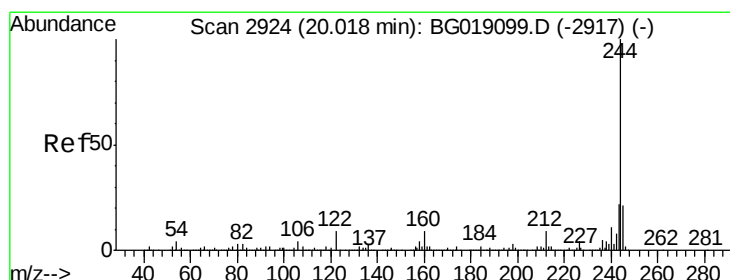
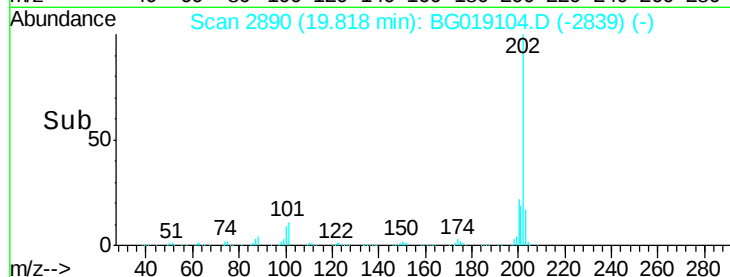
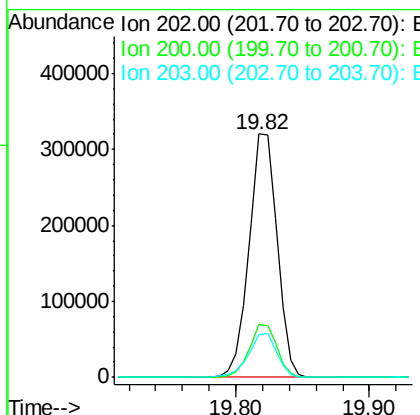
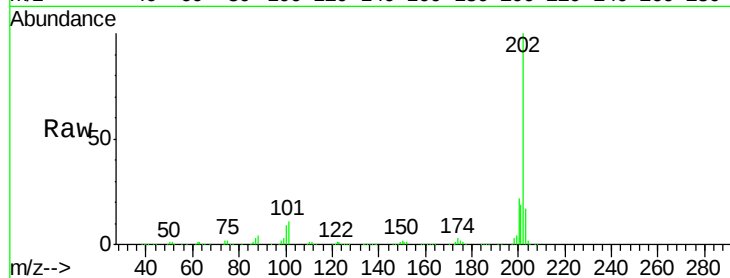
#77
 Pyrene
 Concen: 43.50 ng
 RT: 19.82 min Scan# 2890
 Delta R.T. -0.00 min
 Lab File: BG019104.D
 Acq: 10 Oct 2015 6:42

Instrument :
 BNA_G
 ClientSampleId :
 PB85924BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.6	17.4	26.2
203	17.3	14.8	22.2

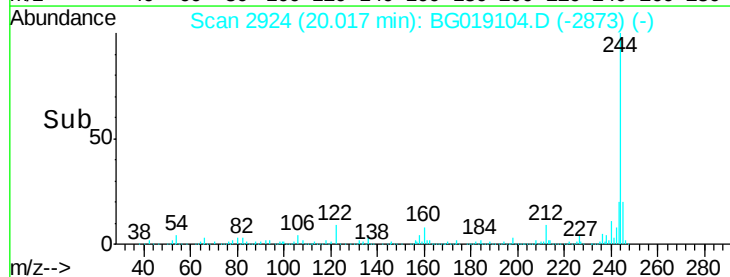
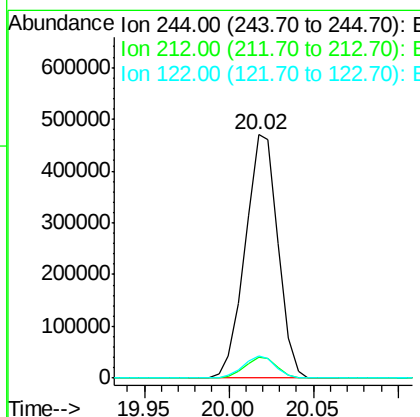
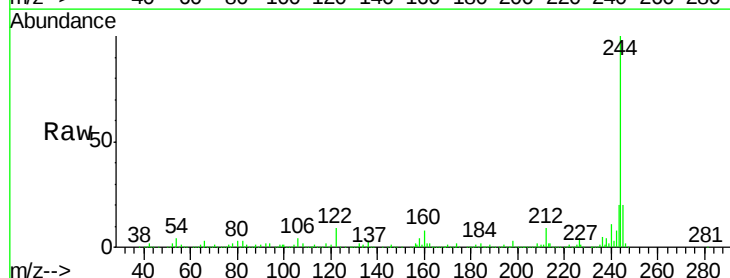
Manual Integrations
 APPROVED

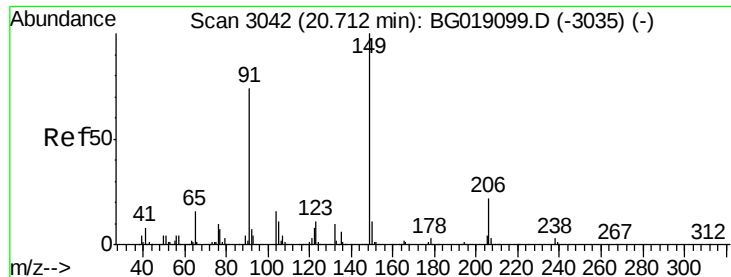
MMdadoda
 10/12/2015 7:00:47 PM



#78
 Terphenyl-d14
 Concen: 88.00 ng
 RT: 20.02 min Scan# 2924
 Delta R.T. -0.00 min
 Lab File: BG019104.D
 Acq: 10 Oct 2015 6:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	8.6	6.8	10.2
122	9.1	7.4	11.2





#79

Butylbenzylphthalate

Concen: 42.76 ng

RT: 20.71 min Scan# 3042

Delta R.T. -0.00 min

Lab File: BG019104.D

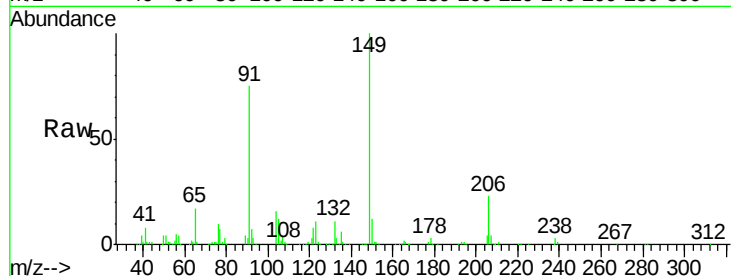
Acq: 10 Oct 2015 6:42

Instrument :

BNA_G

ClientSampleId :

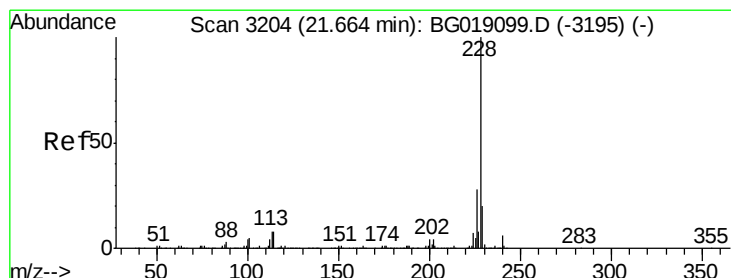
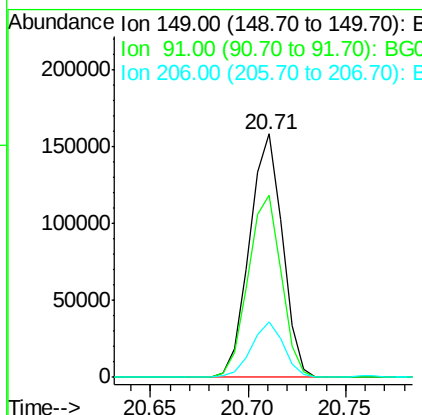
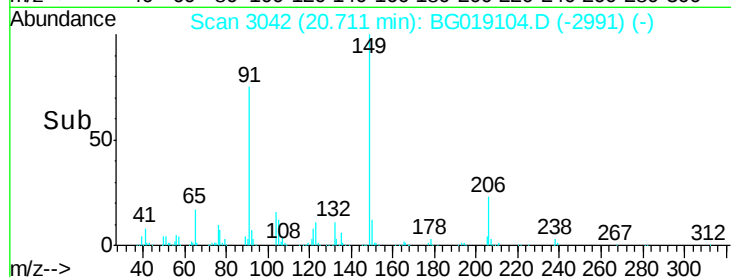
PB85924BS



Tgt	Ion	Ratio	Resp	Lower	Upper
149	100		185307		
91	74.9	59.2	88.8		
206	22.8	17.5	26.3		

Manual Integrations
APPROVED

MMdadoda
10/12/2015 7:00:47 PM



#80

Benzo(a)anthracene

Concen: 43.03 ng

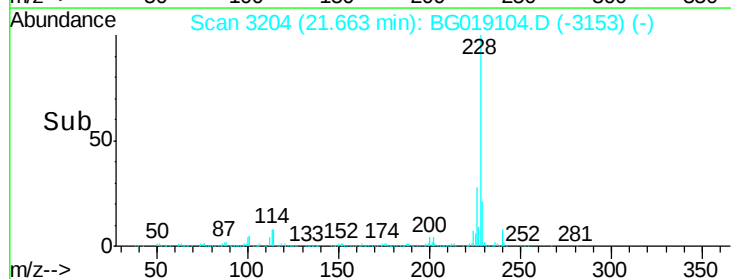
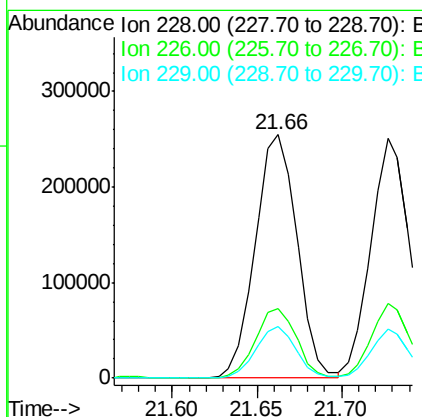
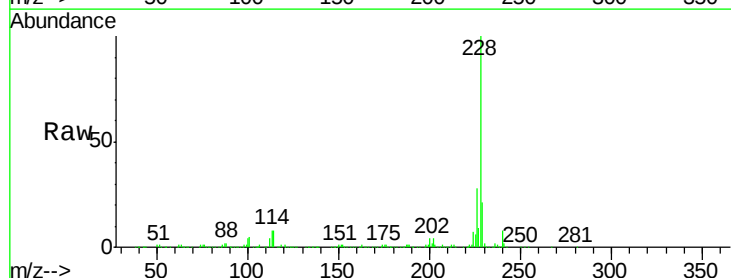
RT: 21.66 min Scan# 3204

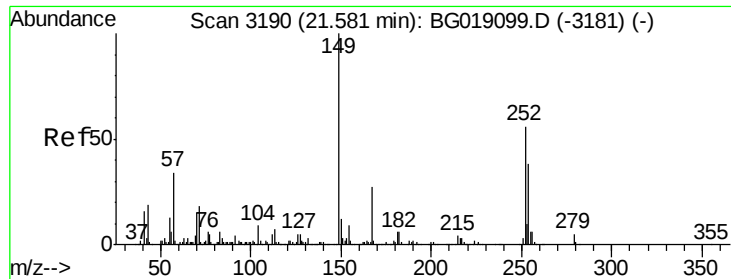
Delta R.T. -0.00 min

Lab File: BG019104.D

Acq: 10 Oct 2015 6:42

Tgt	Ion	Ratio	Resp	Lower	Upper
228	100		438092		
226	28.4	22.4	33.6		
229	21.0	16.2	24.2		





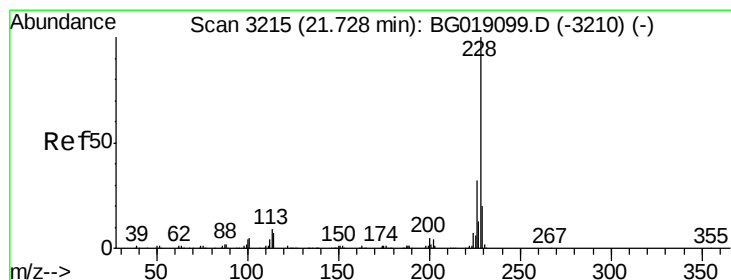
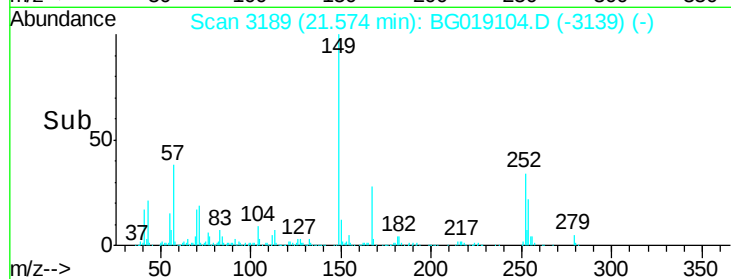
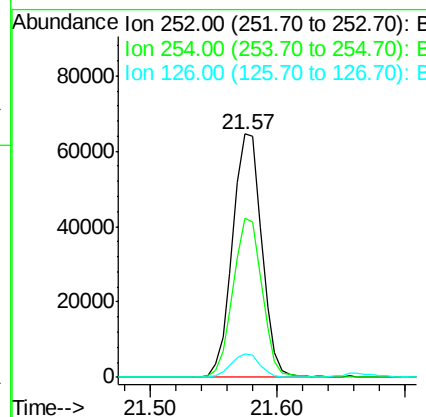
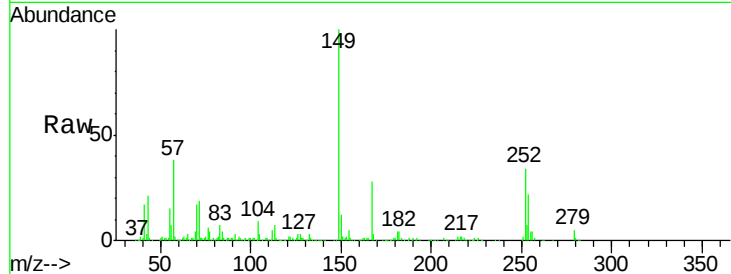
#81
 3,3'-Dichlorobenzidine
 Concen: 27.34 ng
 RT: 21.57 min Scan# 3189
 Delta R.T. -0.01 min
 Lab File: BG019104.D
 Acq: 10 Oct 2015 6:42

Instrument :
 BNA_G
 ClientSampleId :
 PB85924BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.4	53.9	80.9
126	9.7	7.0	10.6

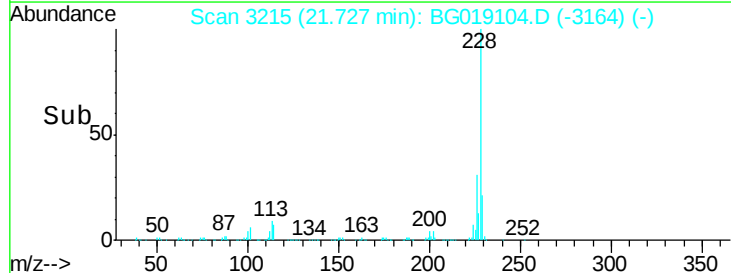
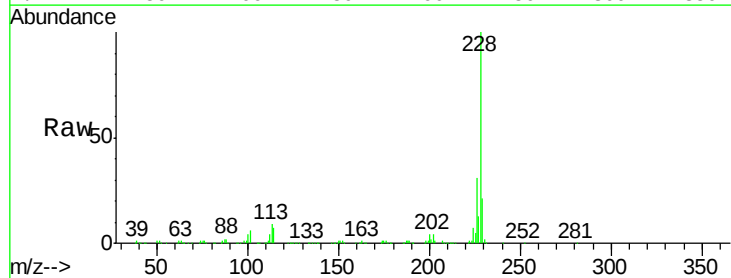
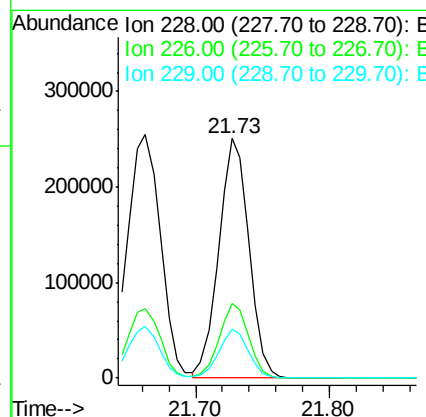
Manual Integrations
 APPROVED

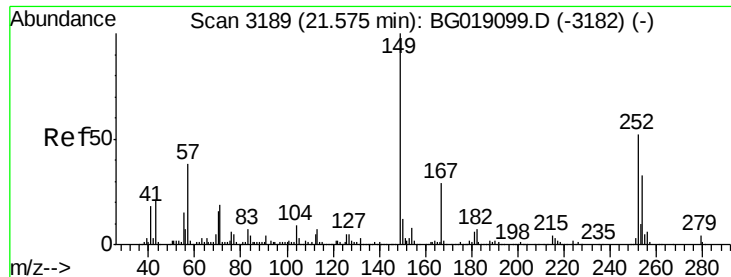
MMdadoda
 10/12/2015 7:00:47 PM



#82
 Chrysene
 Concen: 41.06 ng
 RT: 21.73 min Scan# 3215
 Delta R.T. -0.00 min
 Lab File: BG019104.D
 Acq: 10 Oct 2015 6:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.0	25.2	37.8
229	20.6	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.53 ng

RT: 21.57 min Scan# 3189

Delta R.T. -0.00 min

Lab File: BG019104.D

Acq: 10 Oct 2015 6:42

Instrument :

BNA_G

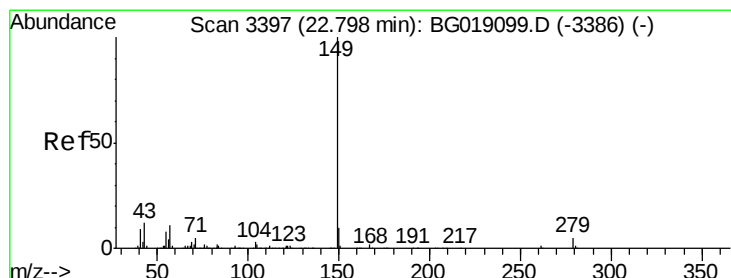
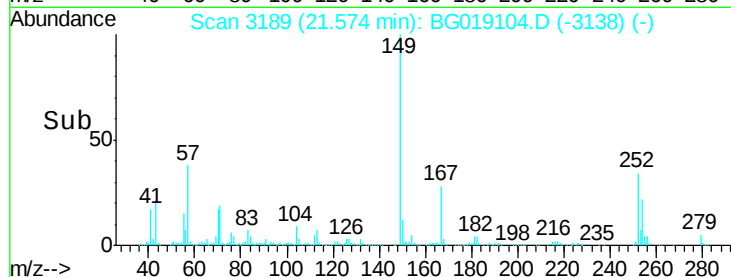
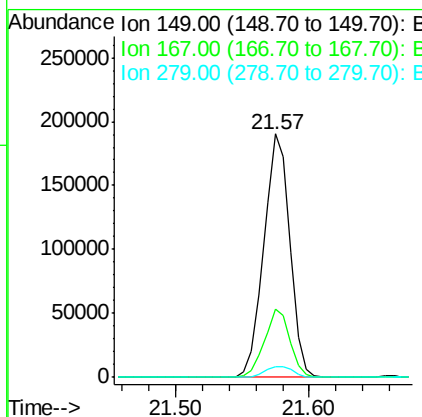
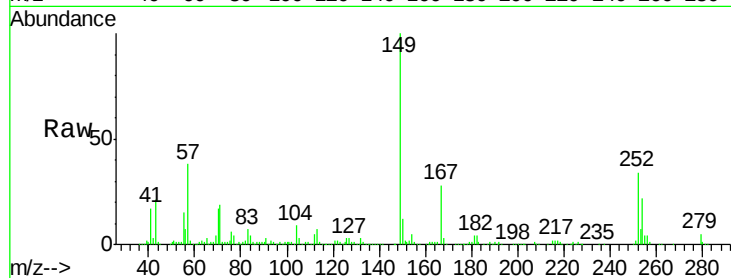
ClientSampleId :

PB85924BS

Tgt Ion:	149	Resp:	255990
Ion Ratio		Lower	Upper
149	100		
167	28.2	22.8	34.2
279	4.5	3.6	5.4

Manual Integrations
APPROVED

MMdadoda
10/12/2015 7:00:47 PM



#84

Di-n-octyl phthalate

Concen: 41.95 ng

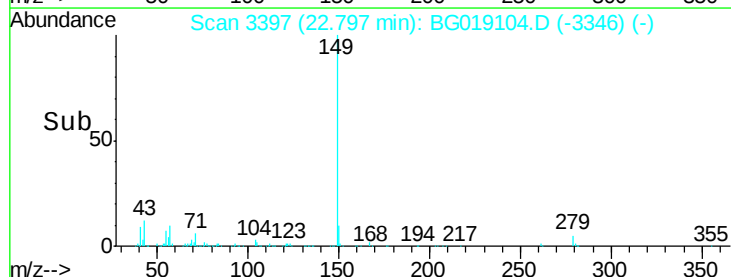
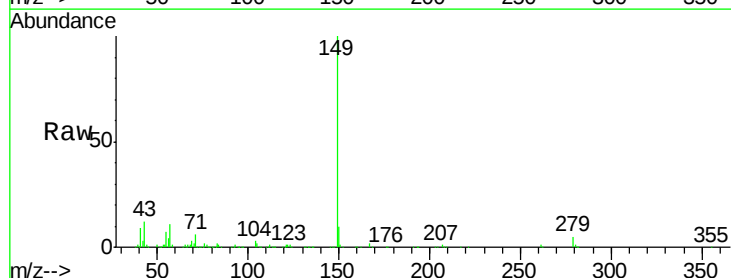
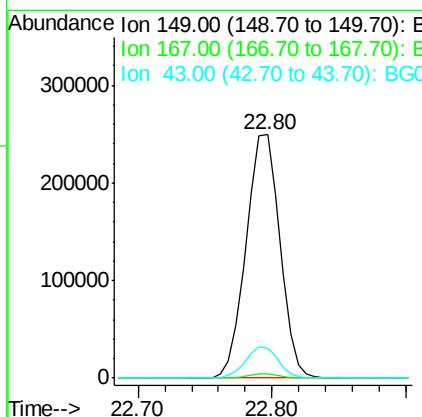
RT: 22.80 min Scan# 3397

Delta R.T. -0.00 min

Lab File: BG019104.D

Acq: 10 Oct 2015 6:42

Tgt Ion:	149	Resp:	436206
Ion Ratio		Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.6	10.1	15.1





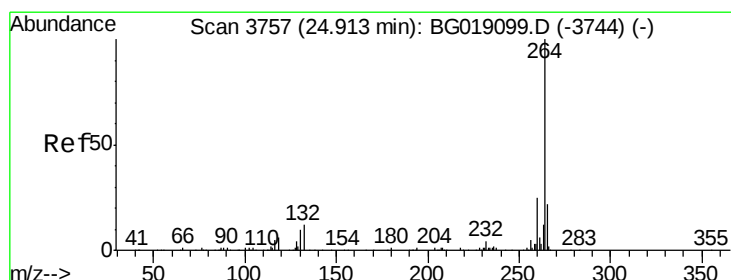
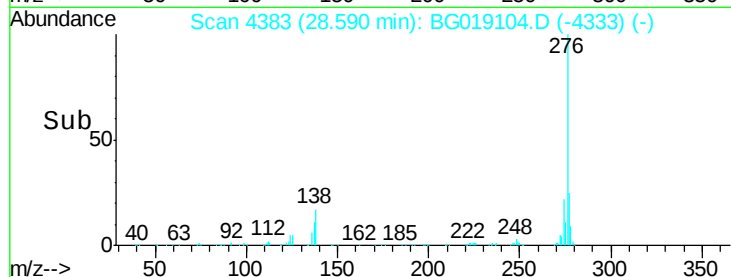
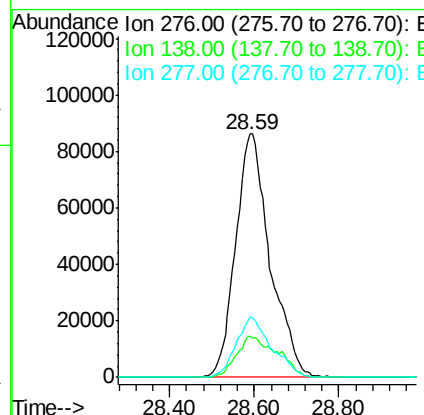
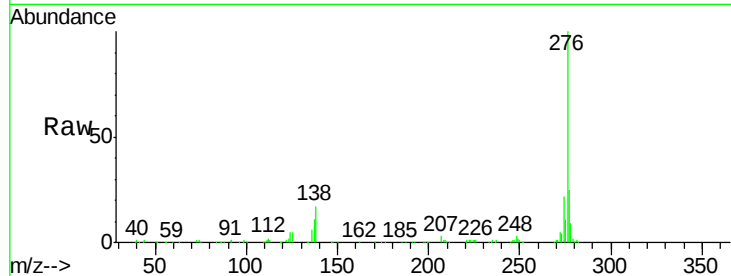
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.33 ng
RT: 28.59 min Scan# 4383
Delta R.T. -0.01 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Instrument :
BNA_G
ClientSampleId :
PB85924BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	486069		
138	19.7	10.2	15.4	#
277	25.3	20.2	30.4	

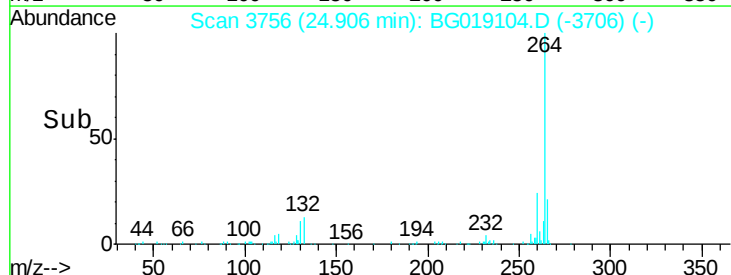
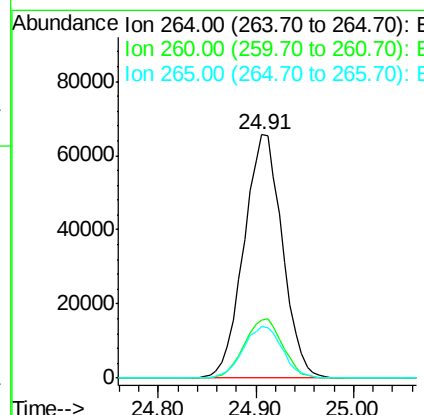
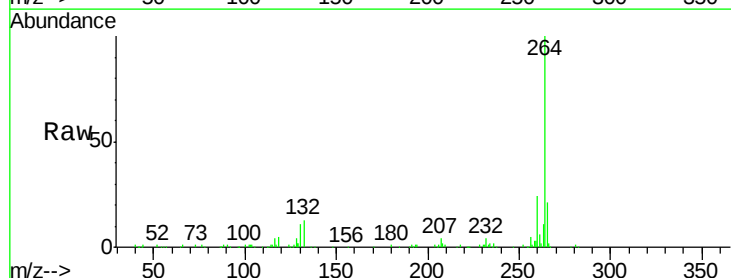
Manual Integrations
APPROVED

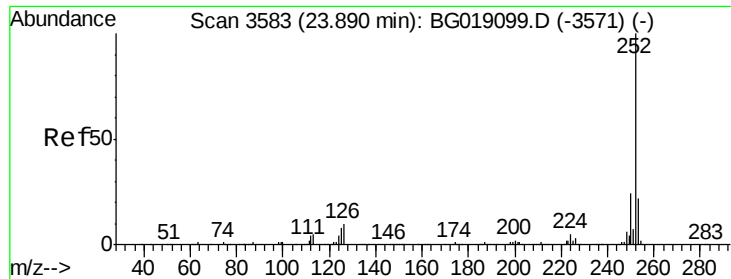
MMdadoda
10/12/2015 7:00:47 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.91 min Scan# 3756
Delta R.T. -0.01 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	179531		
260	23.9	20.1	30.1	
265	21.3	17.2	25.8	





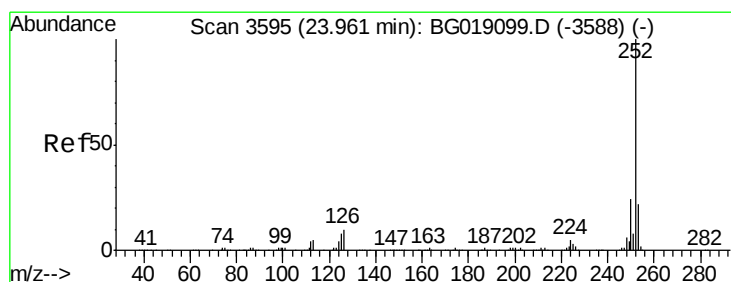
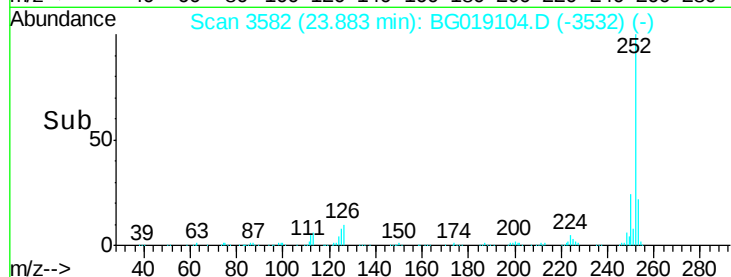
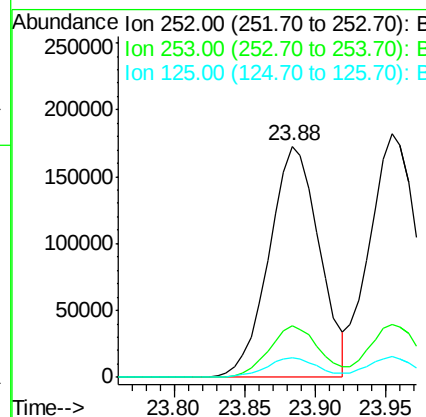
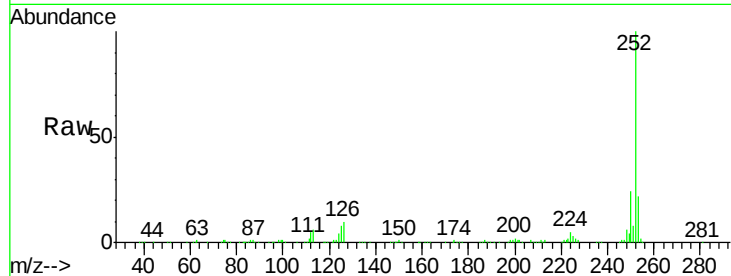
#87
Benzo(b)fluoranthene
Concen: 44.50 ng
RT: 23.88 min Scan# 3582
Delta R.T. -0.01 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Instrument :
BNA_G
ClientSampleId :
PB85924BS

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.4	17.5	26.3
125	8.3	6.6	9.8

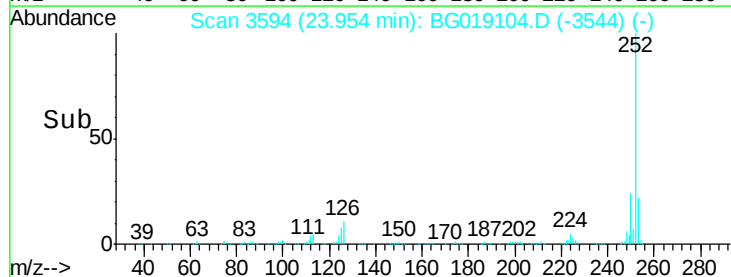
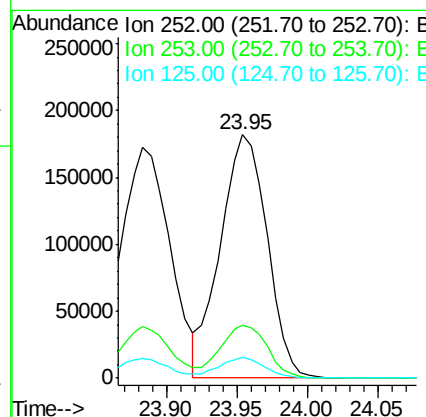
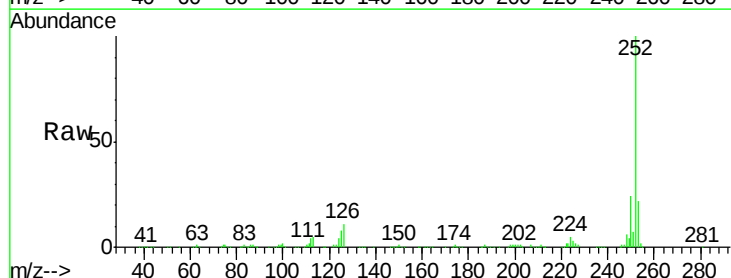
Manual Integrations
APPROVED

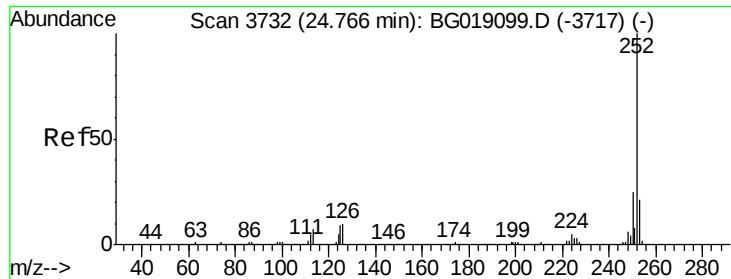
MMdadoda
10/12/2015 7:00:47 PM



#88
Benzo(k)fluoranthene
Concen: 43.89 ng
RT: 23.95 min Scan# 3594
Delta R.T. -0.01 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.7	17.0	25.4
125	8.3	6.4	9.6





#89

Benzo(a)pyrene

Concen: 45.30 ng

RT: 24.76 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BG019104.D

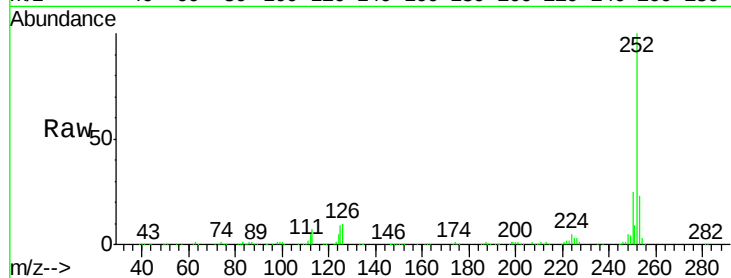
Acq: 10 Oct 2015 6:42

Instrument :

BNA_G

ClientSampleId :

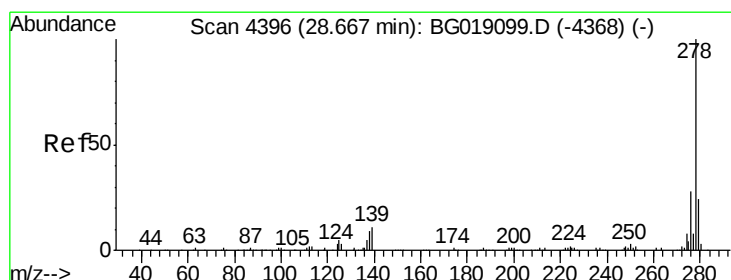
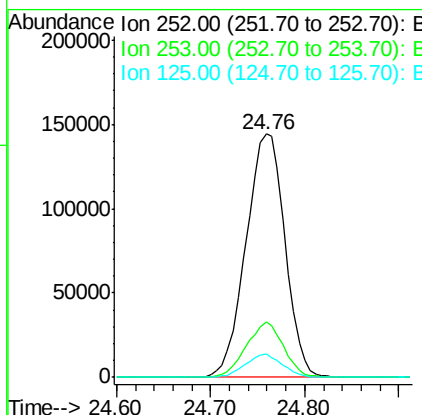
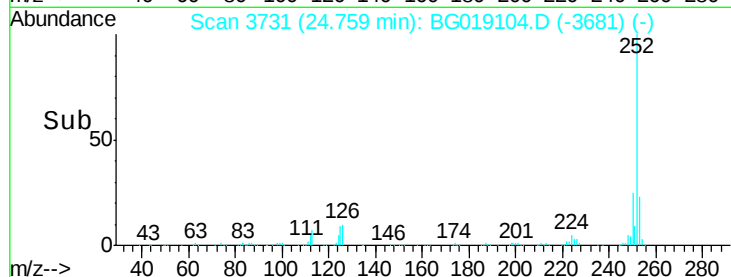
PB85924BS



Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.4
125	9.4	7.2	10.8

Manual Integrations
APPROVED

MMdadoda
10/12/2015 7:00:47 PM



#90

Dibenzo(a,h)anthracene

Concen: 43.58 ng

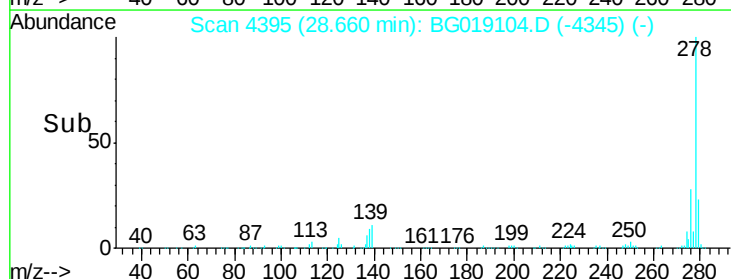
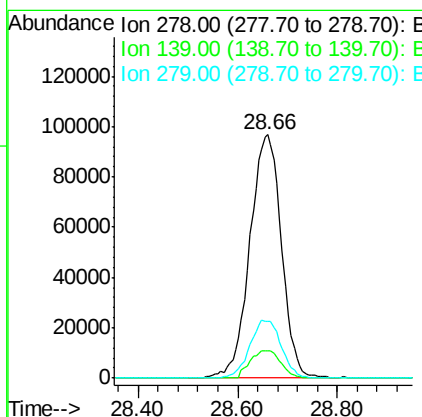
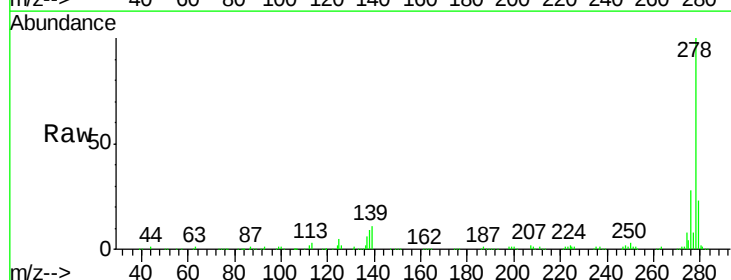
RT: 28.66 min Scan# 4395

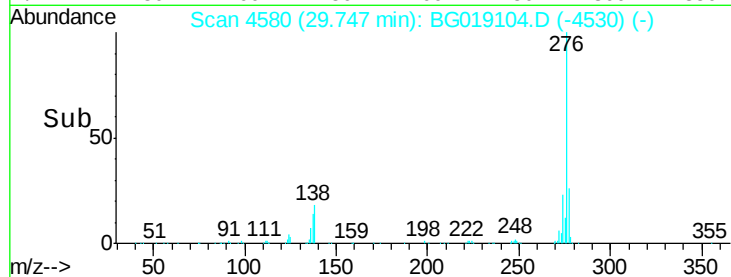
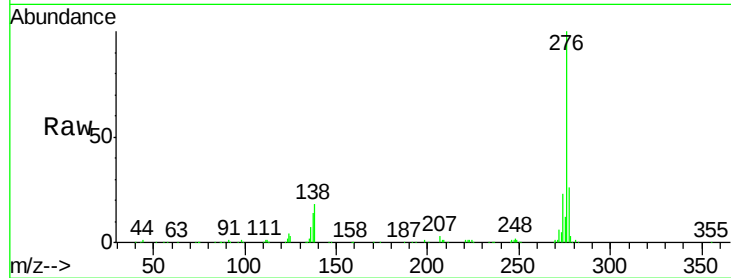
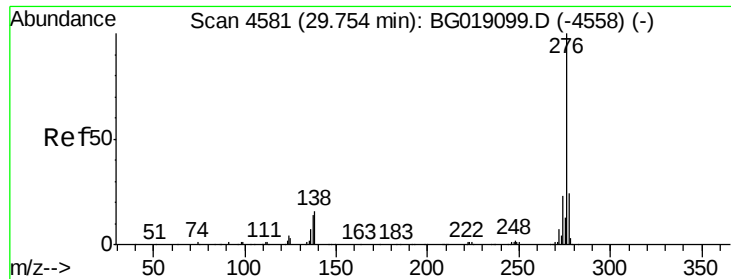
Delta R.T. -0.01 min

Lab File: BG019104.D

Acq: 10 Oct 2015 6:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.2	8.6	12.8
279	23.4	19.5	29.3





#91

Benzo(g,h,i)perylene

Concen: 43.94 ng

RT: 29.75 min Scan# 4580

Delta R.T. -0.01 min

Lab File: BG019104.D

Acq: 10 Oct 2015 6:42

Instrument :

BNA_G

ClientSampleId :

PB85924BS

Tgt Ion:	276	Resp:	400083
Ion Ratio		Lower	Upper
276	100		
277	25.8	19.5	29.3
138	17.8	13.0	19.6

Manual Integrations
APPROVED

MMdadoda
10/12/2015 7:00:47 PM

