

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120515\
 Data File : BG019948.D
 Acq On : 5 Dec 2015 18:56
 Operator : UM/NP
 Sample : PB87019BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB87019BS

Manual Integrations
 APPROVED

Mmdadoda
 12/7/2015 6:31:43 PM

Quant Time: Dec 07 02:30:39 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	47132	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	208414	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	151684	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	396802	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	484731	20.00	ng	-0.03
86) Perylene-d12	25.04	264	462084	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	223954	85.88	ng	-0.01
7) Phenol-d6	7.26	99	327585	83.20	ng	-0.01
23) Nitrobenzene-d5	9.28	82	212209	51.96	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	171493	73.89	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	517535	46.59	ng	-0.02
78) Terphenyl-d14	20.09	244	943786	47.49	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	24843	24.45	ng	# 100
3) Pyridine	3.93	79	78077	25.31	ng	# 88
4) n-Nitrosodimethylamine	3.84	42	40444	24.92	ng	# 87
6) Aniline	7.43	93	106156	20.82	ng	# 87
8) 2-Chlorophenol	7.67	128	93059	29.26	ng	# 93
9) Benzaldehyde	7.24	77	32453	12.36	ng	# 91
10) Phenol	7.29	94	129804	31.32	ng	# 84
11) bis(2-Chloroethyl)ether	7.53	93	85170	27.75	ng	# 90
12) 1,3-Dichlorobenzene	8.00	146	95863	26.60	ng	# 90
13) 1,4-Dichlorobenzene	8.15	146	96360m	25.89	ng	# 94
14) 1,2-Dichlorobenzene	8.47	146	94589	26.64	ng	# 94
15) Benzyl Alcohol	8.35	79	100480	29.08	ng	# 91
16) 2,2'-oxybis(1-Chloropropan	8.65	45	131346	26.24	ng	# 94
17) 2-Methylphenol	8.55	107	87173	29.80	ng	# 89
18) Hexachloroethane	9.21	117	36035	25.85	ng	# 90
19) n-Nitroso-di-n-propylamine	8.92	70	79875	25.72	ng	# 92
20) 3+4-Methylphenols	8.88	107	121785	29.56	ng	# 92
22) Acetophenone	8.94	105	141358	24.74	ng	# 91
24) Nitrobenzene	9.32	77	121856	27.51	ng	# 91
25) Isophorone	9.85	82	219488	25.07	ng	# 95
26) 2-Nitrophenol	10.04	139	51523	30.12	ng	# 72
27) 2,4-Dimethylphenol	10.09	122	99509	27.93	ng	# 89
28) bis(2-Chloroethoxy)methane	10.33	93	123226	28.80	ng	# 99
29) 2,4-Dichlorophenol	10.57	162	110009	30.23	ng	# 97
30) 1,2,4-Trichlorobenzene	10.79	180	104491	25.40	ng	# 95
31) Naphthalene	10.98	128	298306	26.72	ng	# 99
32) Benzoic acid	10.21	122	76356	33.83	ng	# 84
33) 4-Chloroaniline	11.09	127	67438	13.71	ng	# 93
34) Hexachlorobutadiene	11.27	225	71768	23.65	ng	# 96
35) Caprolactam	11.86	113	40748m	30.08	ng	# 92
36) 4-Chloro-3-methylphenol	12.19	107	126859	27.99	ng	# 96
37) 2-Methylnaphthalene	12.58	142	226979	27.74	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	141207	24.53	ng	# 98
40) Hexachlorocyclopentadiene	12.93	237	157640	48.03	ng	# 98

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120515\
 Data File : BG019948.D
 Acq On : 5 Dec 2015 18:56
 Operator : UM/NP
 Sample : PB87019BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB87019BS

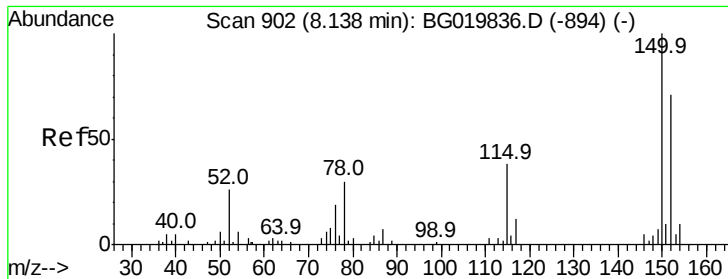
Manual Integrations
 APPROVED

Mmdadoda
 12/7/2015 6:31:43 PM

Quant Time: Dec 07 02:30:39 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	103057	27.04	nq	99
43) 2,4,5-Trichlorophenol	13.25	196	115880	28.77	nq	97
45) 1,1'-Biphenyl	13.58	154	302361	24.29	nq	100
46) 2-Chloronaphthalene	13.63	162	248493	25.90	nq	94
47) 2-Nitroaniline	13.82	65	93843	30.97	nq	86
48) Acenaphthylene	14.47	152	419541	25.67	nq	99
49) Dimethylphthalate	14.20	163	342172	25.08	nq	99
50) 2,6-Dinitrotoluene	14.31	165	76942	29.99	nq	# 75
51) Acenaphthene	14.81	154	291442m	29.39	nq	
52) 3-Nitroaniline	14.64	138	60649	22.76	nq	91
53) 2,4-Dinitrophenol	14.84	184	80048	61.11	nq	# 85
54) Dibenzofuran	15.14	168	415125	28.14	nq	92
55) 4-Nitrophenol	14.94	139	133711	57.61	nq	# 69
56) 2,4-Dinitrotoluene	15.09	165	111327	31.10	nq	# 83
57) Fluorene	15.79	166	336924	25.51	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	112054	30.06	nq	98
59) Diethylphthalate	15.55	149	364857	24.71	nq	96
60) 4-Chlorophenyl-phenylether	15.78	204	185210	24.43	nq	97
61) 4-Nitroaniline	15.81	138	84863	28.31	nq	# 77
62) Azobenzene	16.07	77	346788	28.22	nq	96
64) 4,6-Dinitro-2-methylphenol	15.86	198	65414	31.72	nq	93
65) n-Nitrosodiphenylamine	15.99	169	310916	27.08	nq	97
66) 4-Bromophenyl-phenylether	16.68	248	124018	25.15	nq	97
67) Hexachlorobenzene	16.79	284	136474	26.57	nq	98
68) Atrazine	16.93	200	132987	26.66	nq	93
69) Pentachlorophenol	17.13	266	174499	58.21	nq	91
70) Phenanthrene	17.53	178	596618	26.57	nq	98
71) Anthracene	17.62	178	599304	26.21	nq	97
72) Carbazole	17.89	167	538048	26.71	nq	98
73) Di-n-butylphthalate	18.44	149	649611	26.31	nq	99
74) Fluoranthene	19.53	202	746072	25.98	nq	95
76) Benzidine	19.71	184	256982	16.14	nq	97
77) Pyrene	19.89	202	770145	27.01	nq	97
79) Butylbenzylphthalate	20.77	149	304871	27.28	nq	97
80) Benzo(a)anthracene	21.74	228	781589	26.34	nq	99
81) 3,3'-Dichlorobenzidine	21.65	252	191133	16.91	nq	98
82) Chrysene	21.81	228	715660	25.40	nq	98
83) Bis(2-ethylhexyl)phthalate	21.65	149	435988	26.58	nq	97
84) Di-n-octyl phthalate	22.88	149	744844	27.93	nq	# 93
85) Indeno(1,2,3-cd)pyrene	28.80	276	878550	28.31	nq	# 100
87) Benzo(b)fluoranthene	24.00	252	767592	26.21	nq	# 95
88) Benzo(k)fluoranthene	24.07	252	737622	25.43	nq	# 96
89) Benzo(a)pyrene	24.89	252	746667	26.85	nq	# 96
90) Dibenzo(a,h)anthracene	28.87	278	726245	26.44	nq	# 94
91) Benzo(g,h,i)perylene	29.97	276	717348	26.60	nq	# 92

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



#1

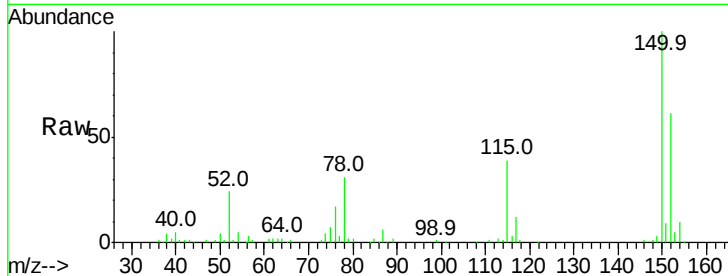
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 898
Delta R.T. -0.02 min
Lab File: BG019948.D
Acq: 5 Dec 2015 18:56

Instrument :
BNA_G
ClientSampleId :
PB87019BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.1	115.0	172.4
115	64.3	43.9	65.9

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:31:43 PM

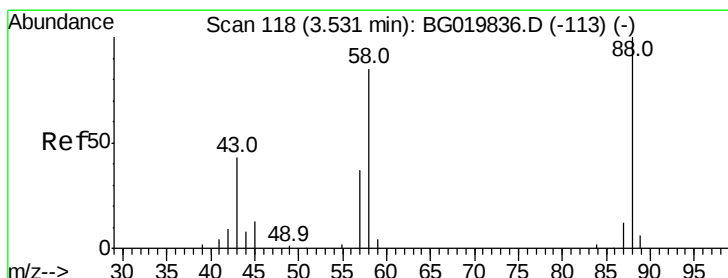
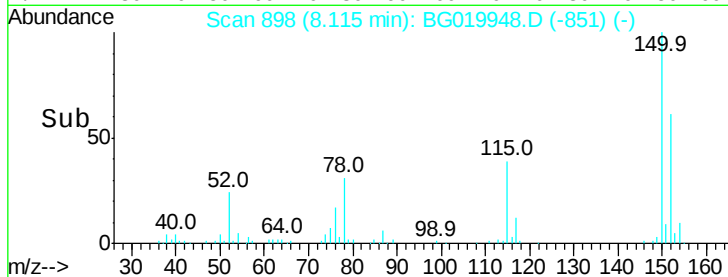
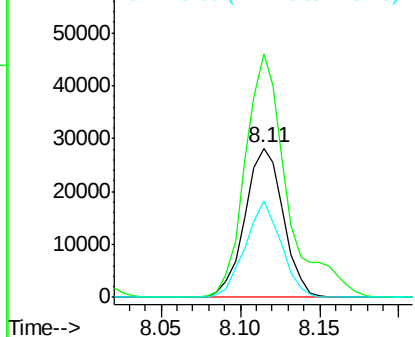


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

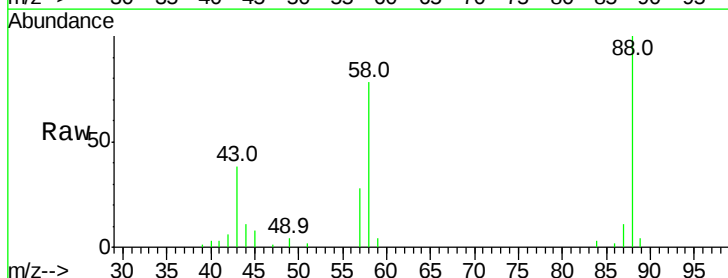
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 24.45 ng
RT: 3.52 min Scan# 116
Delta R.T. -0.01 min
Lab File: BG019948.D
Acq: 5 Dec 2015 18:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.1	0.0	0.0#
43	34.5	0.0	0.0#

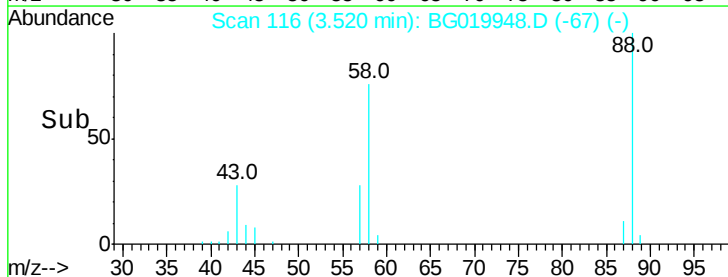
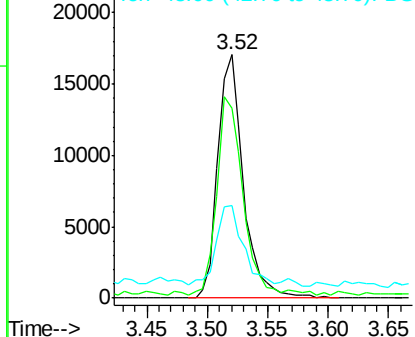


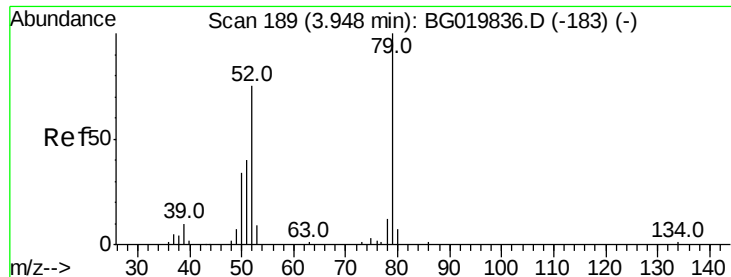
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 25.31 ng

RT: 3.93 min Scan# 185

Delta R.T. -0.02 min

Lab File: BG019948.D

Acq: 5 Dec 2015 18:56

Instrument :

BNA_G

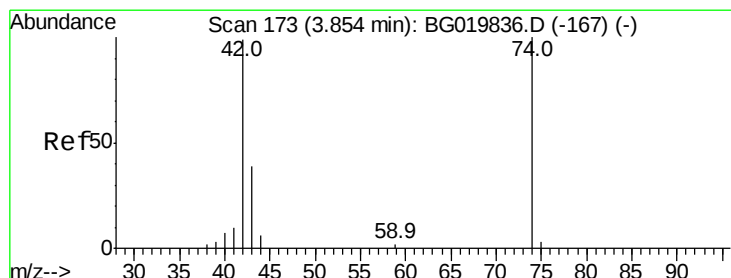
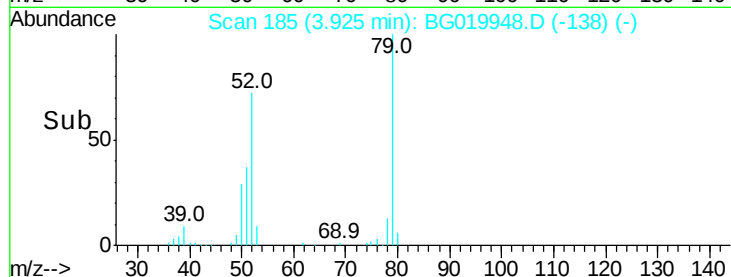
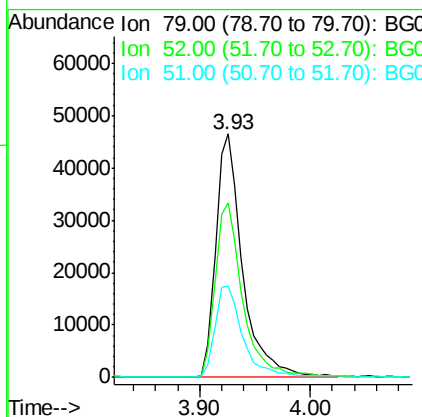
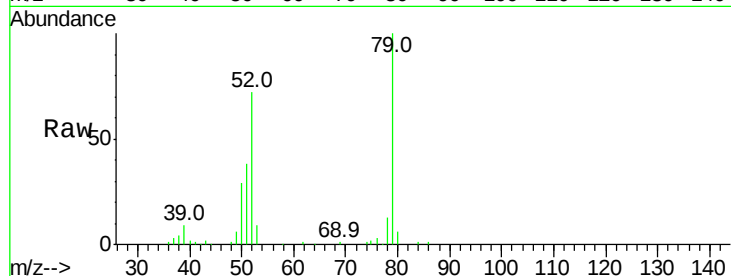
ClientSampleId :

PB87019BS

Tot Ion:	79	Resp:	78077
Ion Ratio	Lower	Upper	
79	100		
52	71.7	50.3	75.5
51	37.7	24.8	37.2#

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:31:43 PM



#4

n-Nitrosodimethylamine

Concen: 24.92 ng

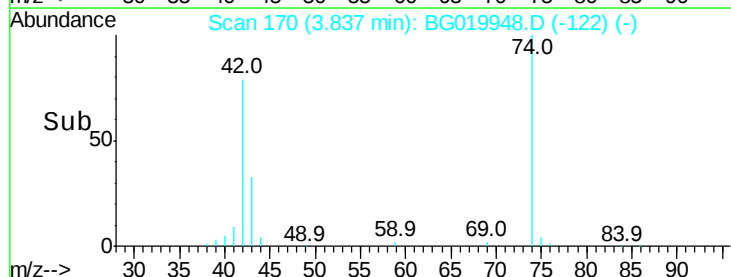
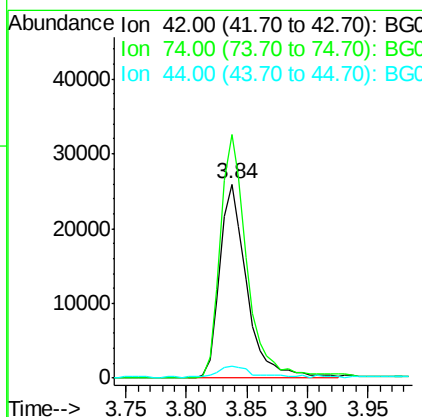
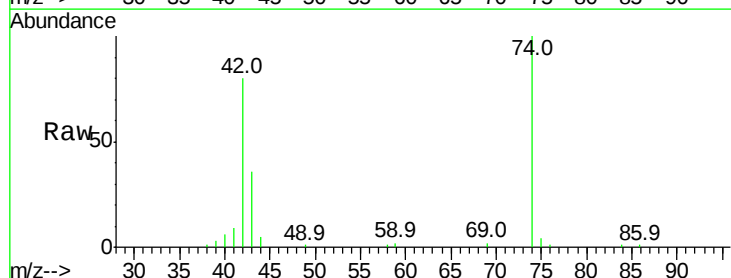
RT: 3.84 min Scan# 170

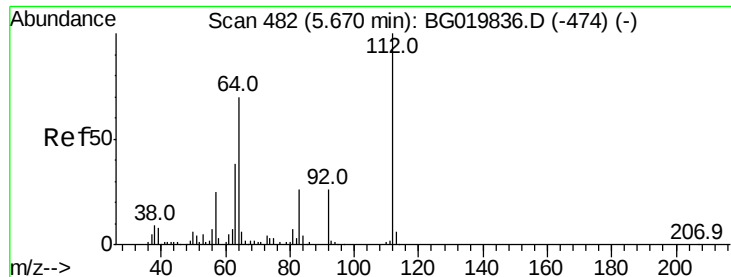
Delta R.T. -0.02 min

Lab File: BG019948.D

Acq: 5 Dec 2015 18:56

Tgt Ion:	42	Resp:	40444
Ion Ratio	Lower	Upper	
42	100		
74	125.4	113.9	170.9
44	6.1	5.7	8.5





#5

2-Fluorophenol

Concen: 85.88 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019948.D

Acq: 5 Dec 2015 18:56

Instrument :

BNA_G

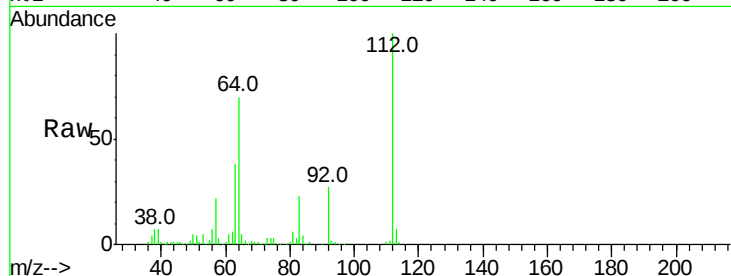
ClientSampleId :

PB87019BS

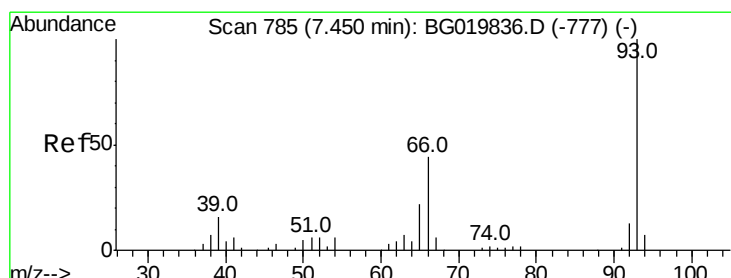
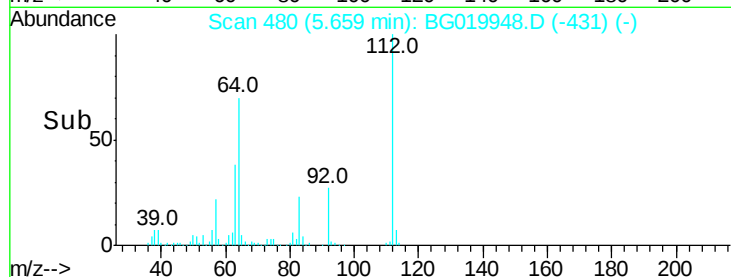
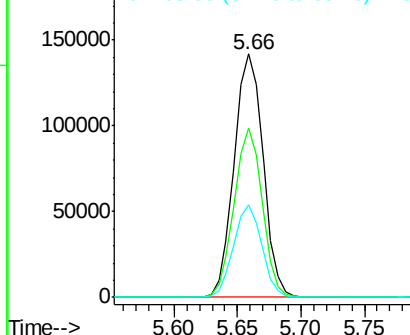
Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	69.8	43.7	65.5#
63	38.1	24.0	36.0#

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:31:43 PM



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 20.82 ng

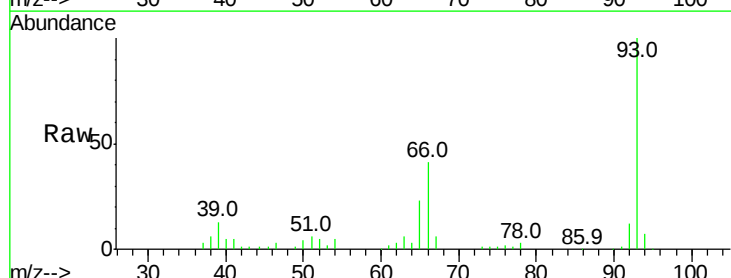
RT: 7.43 min Scan# 782

Delta R.T. -0.02 min

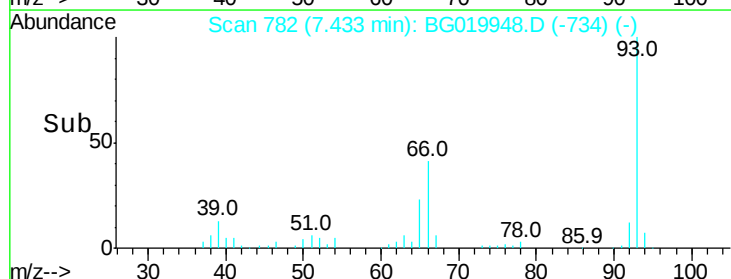
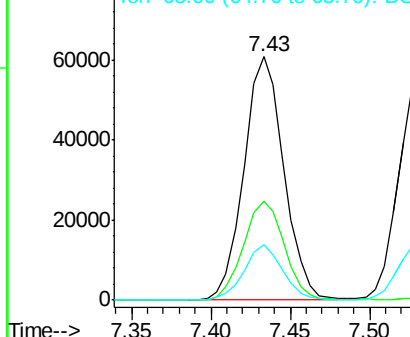
Lab File: BG019948.D

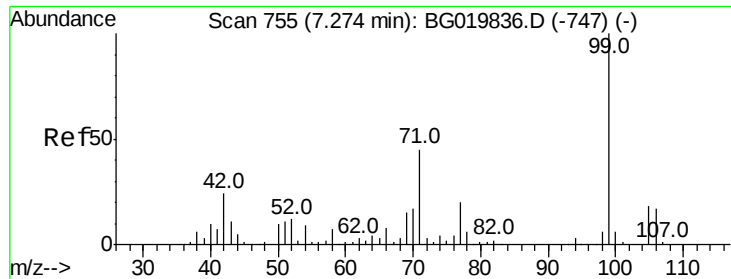
Acq: 5 Dec 2015 18:56

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	40.7	26.2	39.2#
65	22.7	14.0	21.0#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 83.20 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019948.D

Acq: 5 Dec 2015 18:56

Instrument :

BNA_G

ClientSampleId :

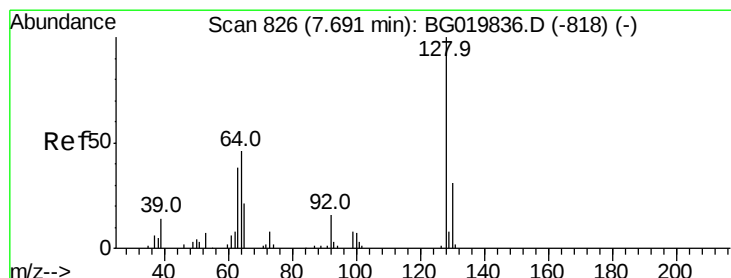
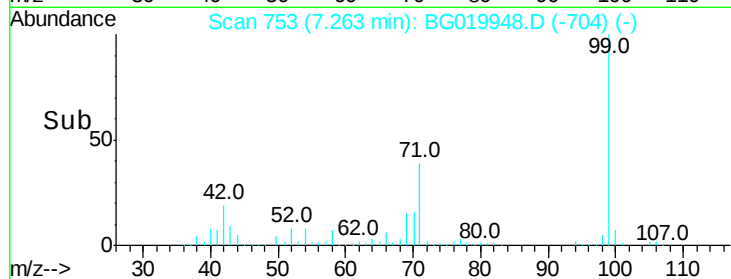
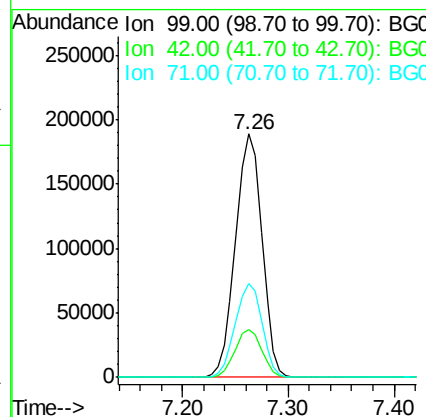
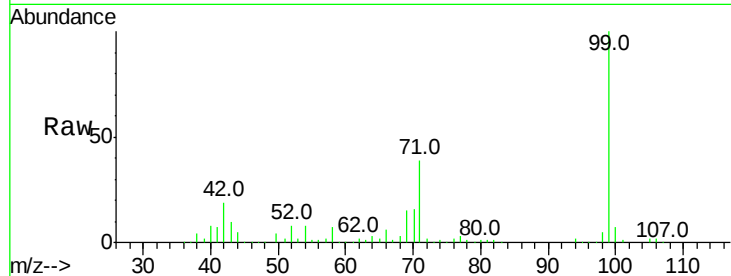
PB87019BS

Tot Ion: 99 Resp: 327585

Ion	Ratio	Lower	Upper
99	100		
42	19.4	11.5	17.3#
71	38.6	22.6	34.0#

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:31:43 PM



#8

2-Chlorophenol

Concen: 29.26 ng

RT: 7.67 min Scan# 823

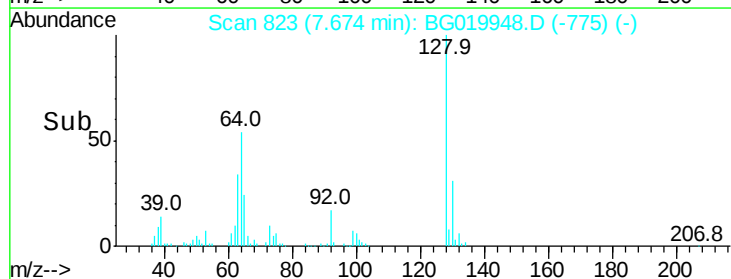
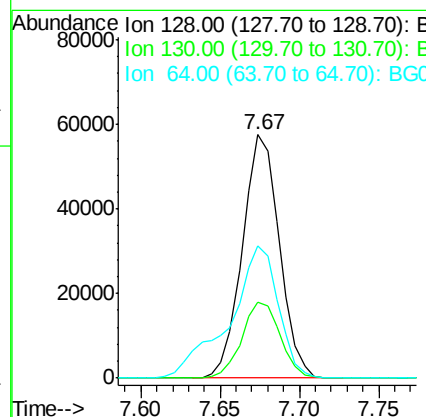
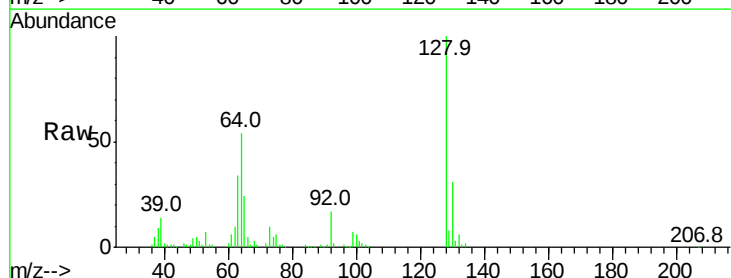
Delta R.T. -0.02 min

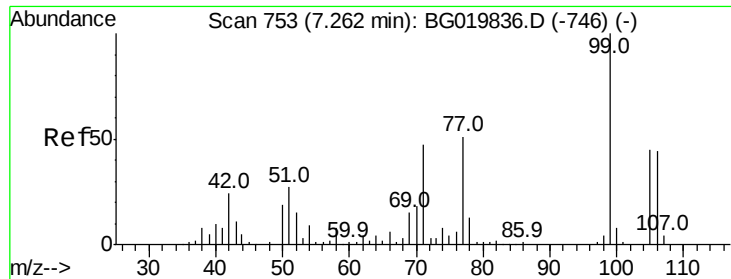
Lab File: BG019948.D

Acq: 5 Dec 2015 18:56

Tgt Ion: 128 Resp: 93059

Ion	Ratio	Lower	Upper
128	100		
130	31.1	13.0	53.0
64	54.3	28.2	68.2





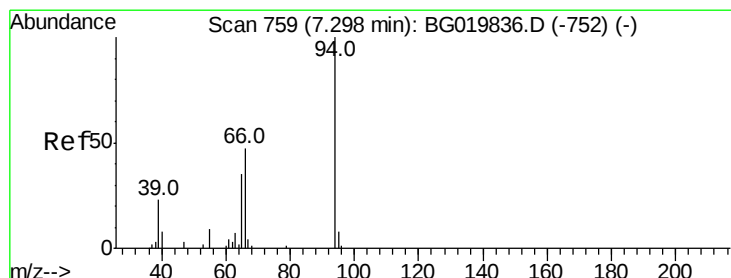
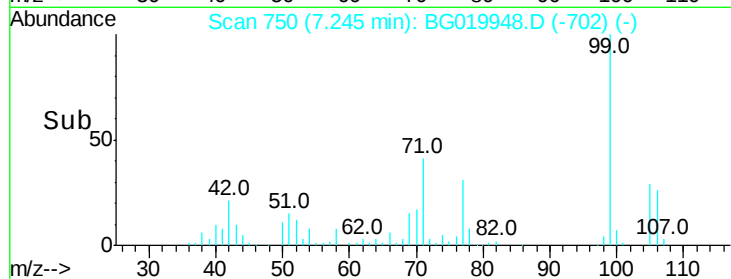
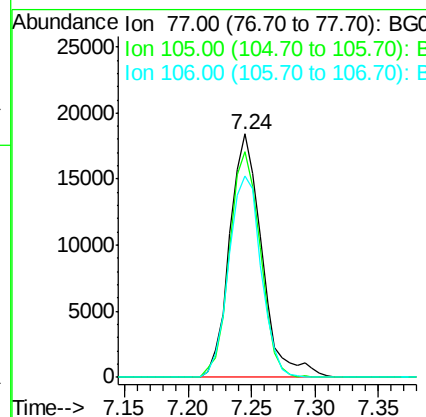
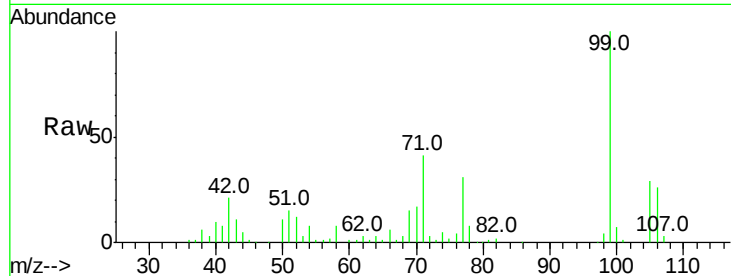
#9
Benzaldehyde
Concen: 12.36 ng
RT: 7.24 min Scan# 750
Delta R.T. -0.02 min
Lab File: BG019948.D
Acq: 5 Dec 2015 18:56

Instrument :
BNA_G
ClientSampleId :
PB87019BS

Tot Ion: 77 Resp: 32453
Ion Ratio Lower Upper
77 100
105 92.6 77.7 117.7
106 83.0 75.8 115.8

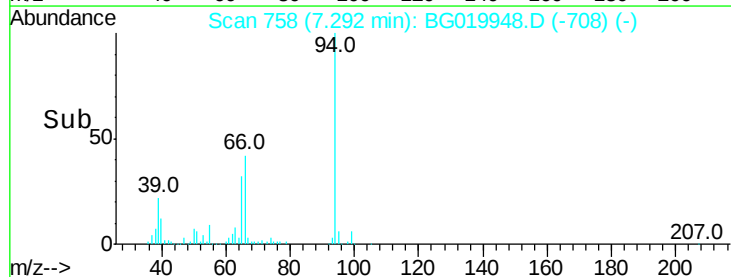
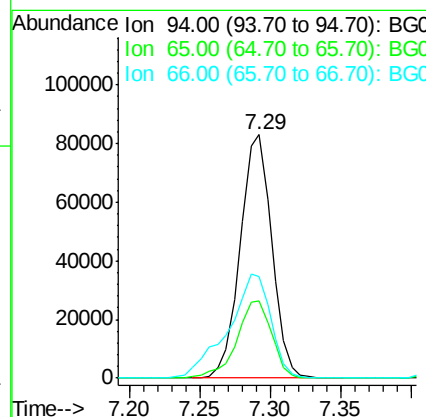
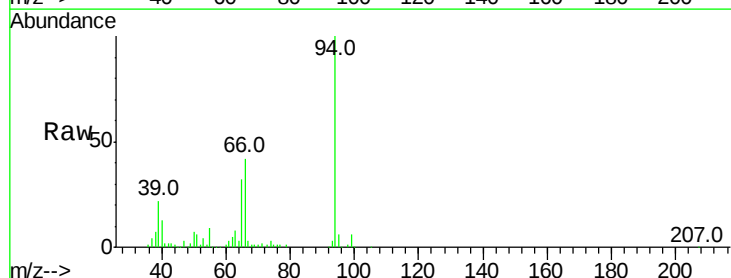
Manual Integrations
APPROVED

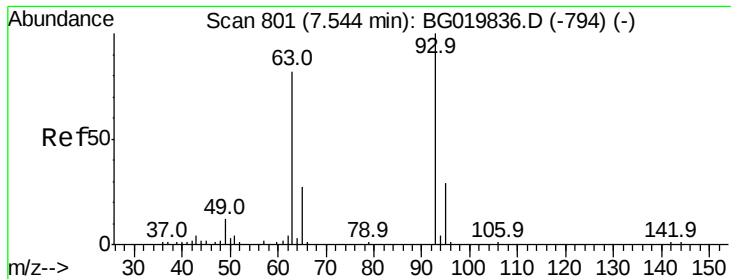
Mmdadoda
12/7/2015 6:31:43 PM



#10
Phenol
Concen: 31.32 ng
RT: 7.29 min Scan# 758
Delta R.T. -0.01 min
Lab File: BG019948.D
Acq: 5 Dec 2015 18:56

Tgt Ion: 94 Resp: 129804
Ion Ratio Lower Upper
94 100
65 31.7 5.4 45.4
66 41.9 11.8 51.8





#11

bis(2-Chloroethyl)ether

Concen: 27.75 ng

RT: 7.53 min Scan# 798

Delta R.T. -0.02 min

Lab File: BG019948.D

Acq: 5 Dec 2015 18:56

Instrument :

BNA_G

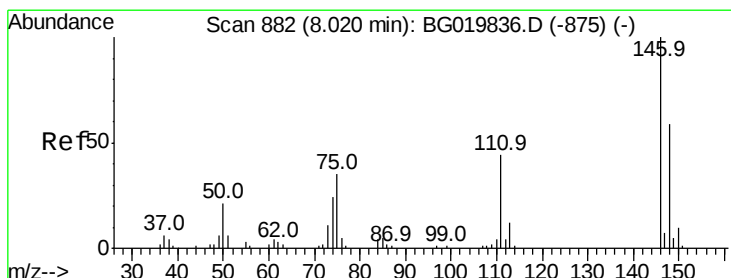
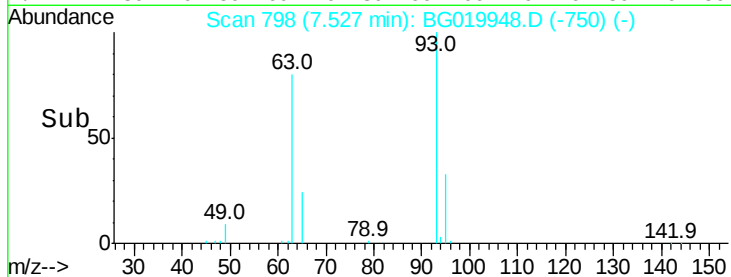
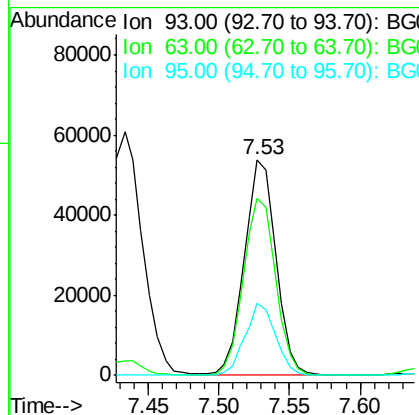
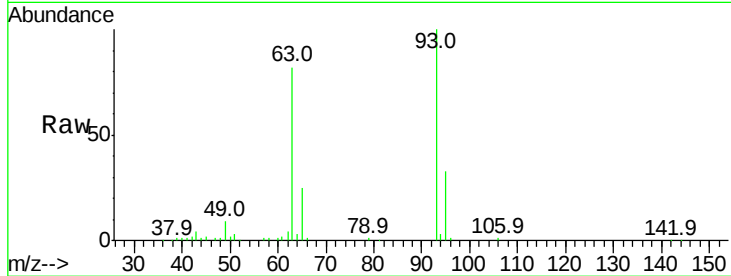
ClientSampleId :

PB87019BS

Tot Ion:	93	Resp:	85170
Ion	Ratio	Lower	Upper
93	100		
63	81.8	50.5	90.5
95	33.3	12.2	52.2

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:31:43 PM



#12

1,3-Dichlorobenzene

Concen: 26.60 ng

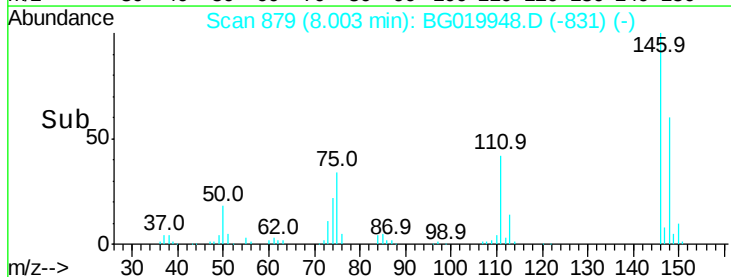
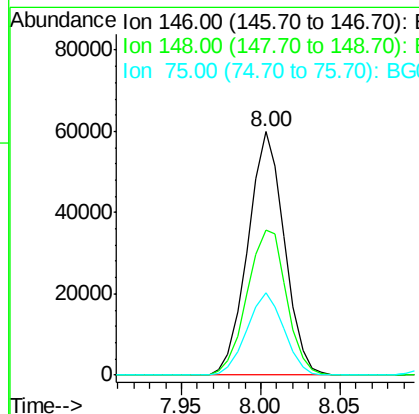
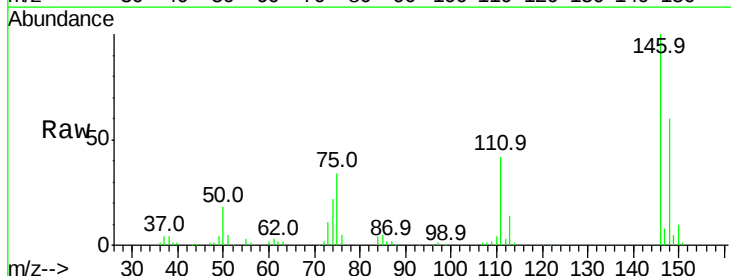
RT: 8.00 min Scan# 879

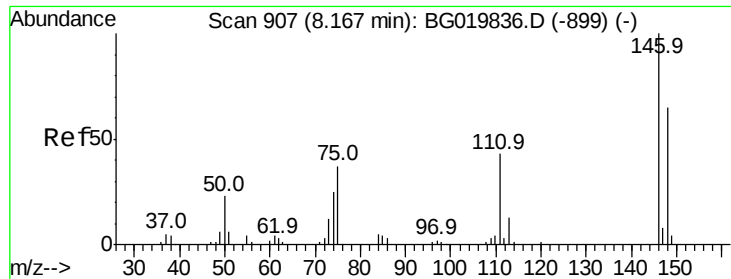
Delta R.T. -0.02 min

Lab File: BG019948.D

Acq: 5 Dec 2015 18:56

Tgt Ion:	146	Resp:	95863
Ion	Ratio	Lower	Upper
146	100		
148	59.8	53.4	80.0
75	33.8	21.1	31.7#





#13

1,4-Dichlorobenzene

Concen: 25.89 ng/mL

RT: 8.15 min Scan# 904

Delta R.T. -0.02 min

Lab File: BG019948.D

Acq: 5 Dec 2015 18:56

Instrument :

BNA_G

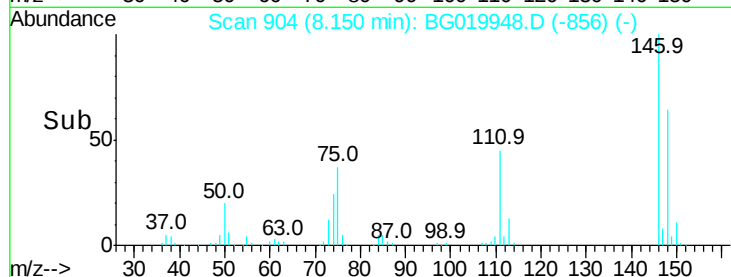
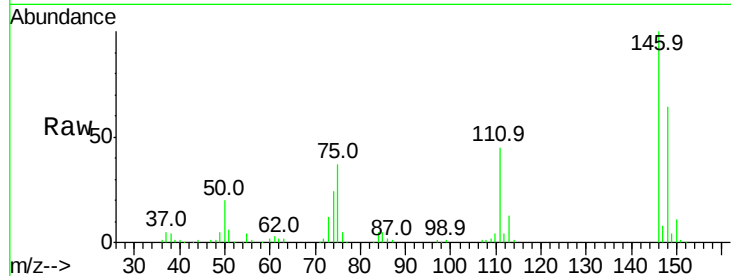
ClientSampleId :

PB87019BS

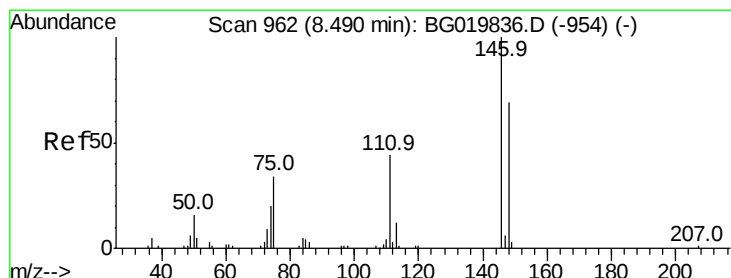
Tot Ion:	146	Resp:	96360
Ion Ratio	Lower	Upper	
146	100		
148	63.9	52.5	78.7
111	45.1	28.3	42.5

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:31:43 PM



Time-->



#14

1,2-Dichlorobenzene

Concen: 26.64 ng/mL

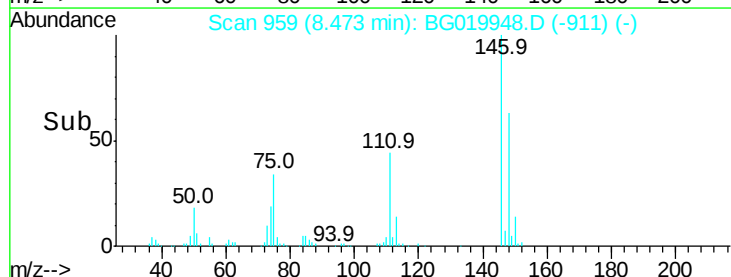
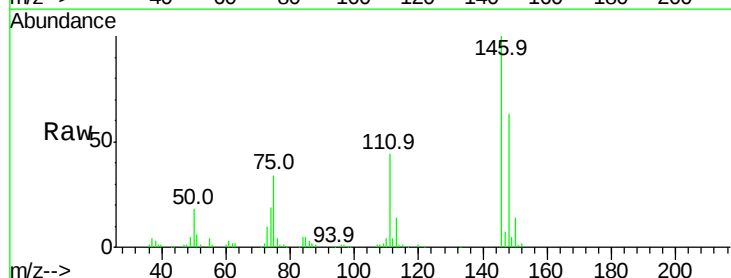
RT: 8.47 min Scan# 959

Delta R.T. -0.02 min

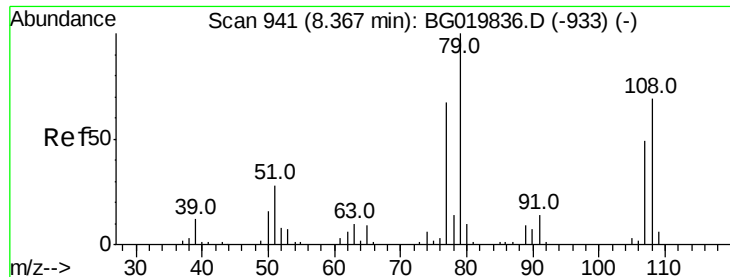
Lab File: BG019948.D

Acq: 5 Dec 2015 18:56

Tgt Ion:	146	Resp:	94589
Ion Ratio	Lower	Upper	
146	100		
148	63.2	52.5	78.7
111	44.4	29.9	44.9



Time-->



#15

Benzyl Alcohol

Concen: 29.08 ng

RT: 8.35 min Scan# 938

Delta R.T. -0.02 min

Lab File: BG019948.D

Acq: 5 Dec 2015 18:56

Instrument :

BNA_G

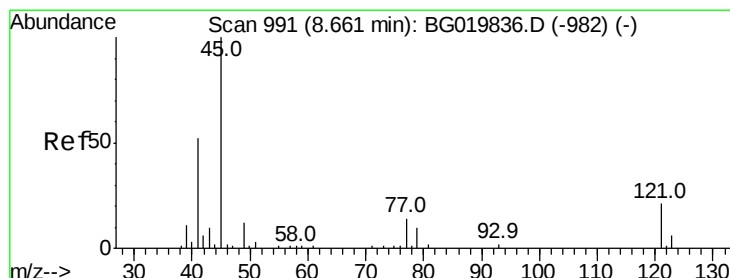
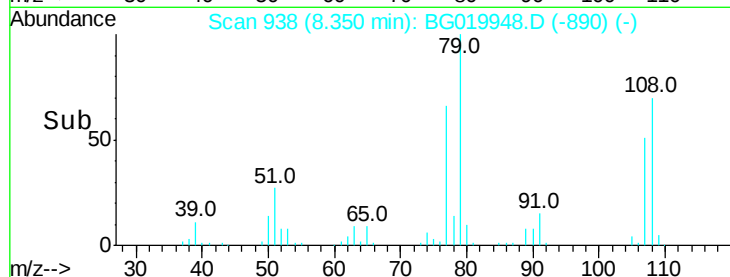
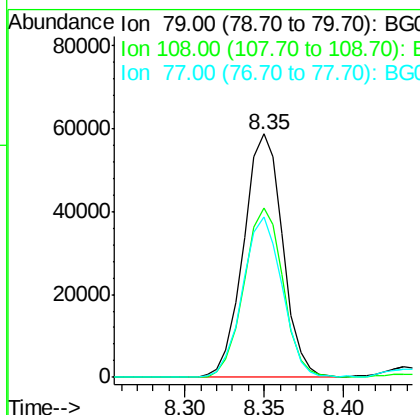
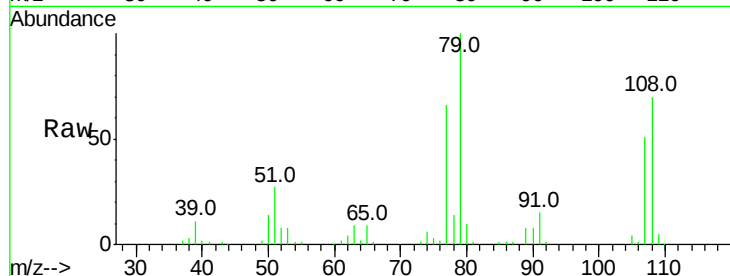
ClientSampleId :

PB87019BS

Tot Ion:	79	Resp:	100480
Ion Ratio	Lower	Upper	
79	100		
108	69.7	65.5	98.3
77	66.0	51.3	76.9

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:31:43 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 26.24 ng

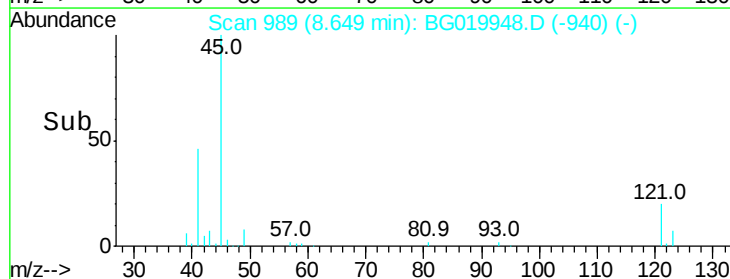
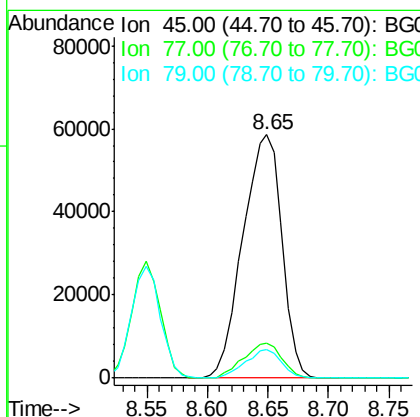
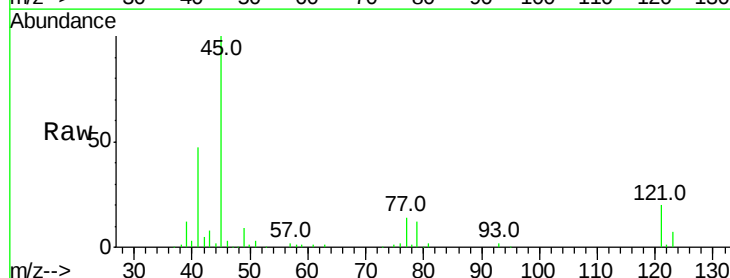
RT: 8.65 min Scan# 989

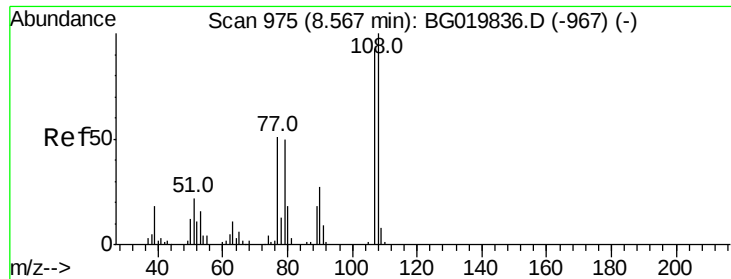
Delta R.T. -0.01 min

Lab File: BG019948.D

Acq: 5 Dec 2015 18:56

Tgt Ion:	45	Resp:	131346
Ion Ratio	Lower	Upper	
45	100		
77	14.3	0.0	37.0
79	11.5	0.0	33.8





#17

2-Methylphenol

Concen: 29.80 ng

RT: 8.55 min Scan# 972

Delta R.T. -0.02 min

Lab File: BG019948.D

Acq: 5 Dec 2015 18:56

Instrument :

BNA_G

ClientSampleId :

PB87019BS

Tot Ion:107 Resp: 87173

Ion Ratio Lower Upper

107 100

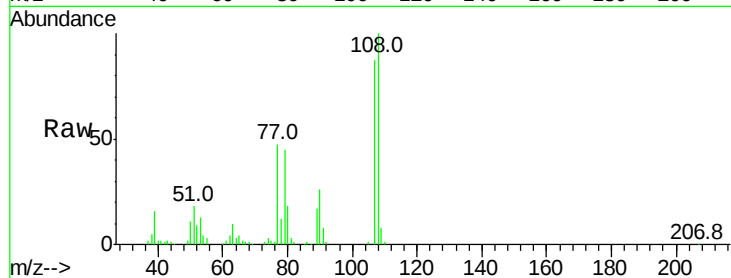
108 114.6 86.5 129.7

77 53.7 34.6 51.8#

79 51.5 32.3 48.5#

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:31:43 PM

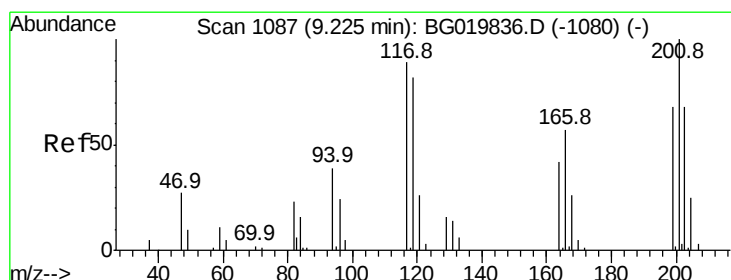
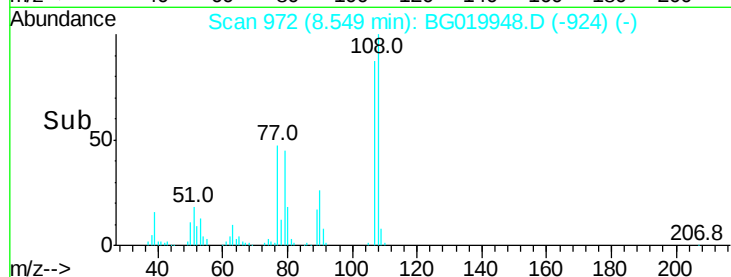
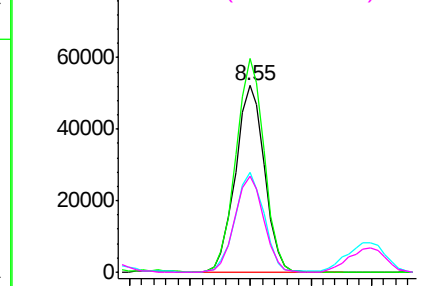


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 25.85 ng

RT: 9.21 min Scan# 1084

Delta R.T. -0.02 min

Lab File: BG019948.D

Acq: 5 Dec 2015 18:56

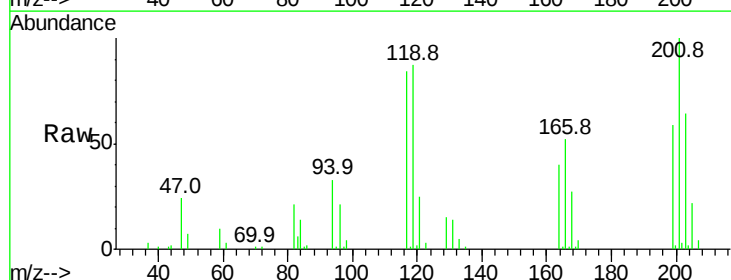
Tgt Ion:117 Resp: 36035

Ion Ratio Lower Upper

117 100

119 102.1 71.7 107.5

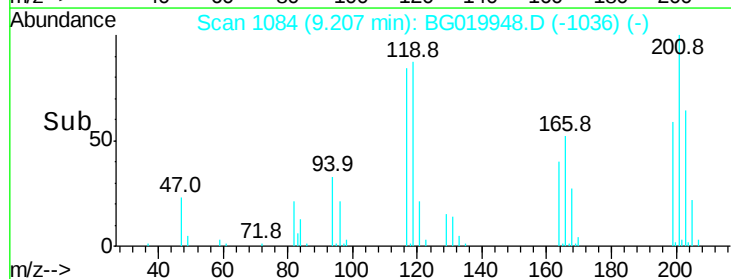
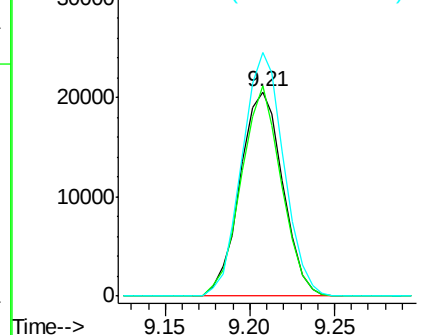
201 121.3 90.9 136.3

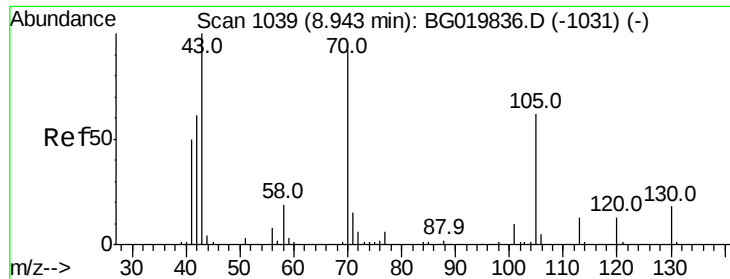


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





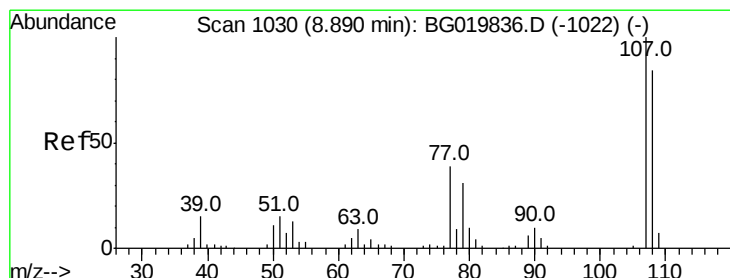
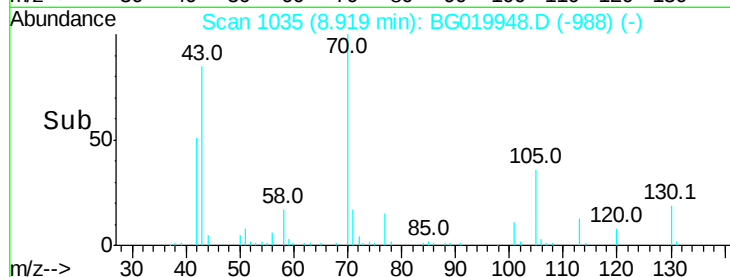
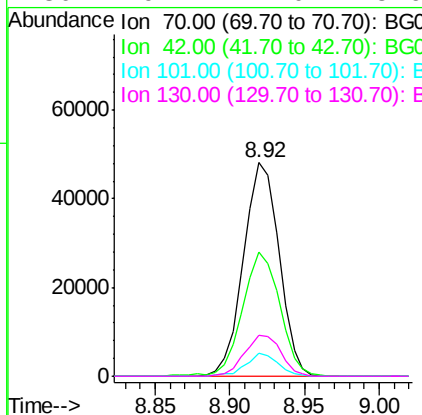
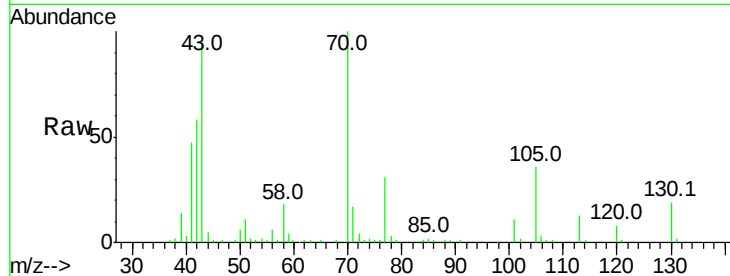
#19
n-Nitroso-di-n-propylamine
Concen: 25.72 ng
RT: 8.92 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BG019948.D
Acq: 5 Dec 2015 18:56

Instrument :
BNA_G
ClientSampleId :
PB87019BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.0	40.6	60.8	
101	10.6	8.6	13.0	
130	19.2	17.0	25.6	

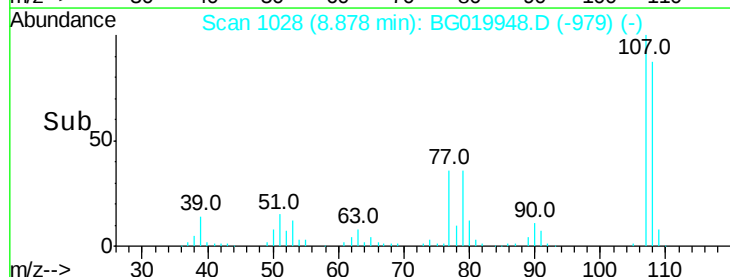
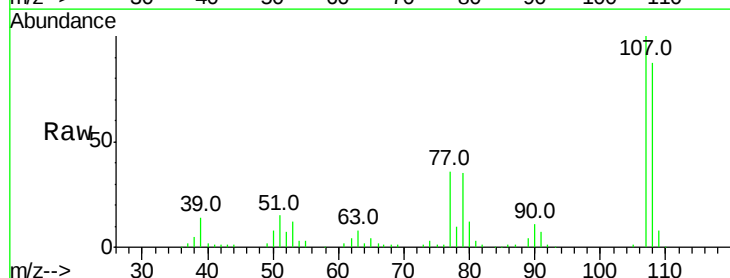
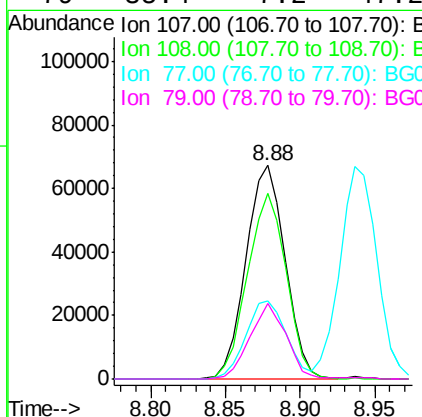
Manual Integrations
APPROVED

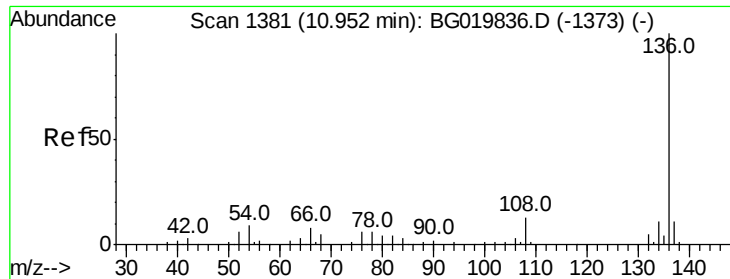
Mmdadoda
12/7/2015 6:31:43 PM



#20
3+4-Methylphenols
Concen: 29.56 ng
RT: 8.88 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG019948.D
Acq: 5 Dec 2015 18:56

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.6	72.2	112.2	
77	36.5	13.4	53.4	
79	35.4	7.2	47.2	





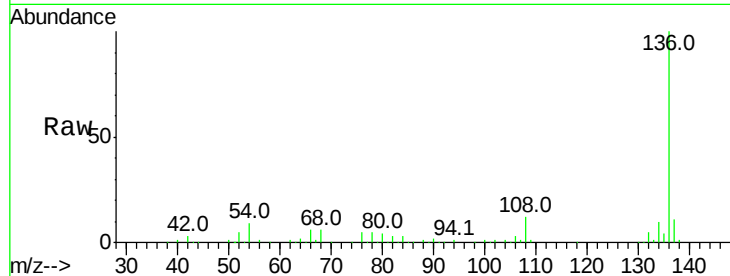
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BG019948.D
Acq: 5 Dec 2015 18:56

Instrument :
BNA_G
ClientSampleId :
PB87019BS

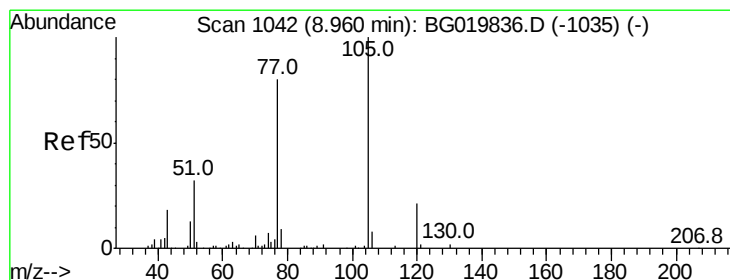
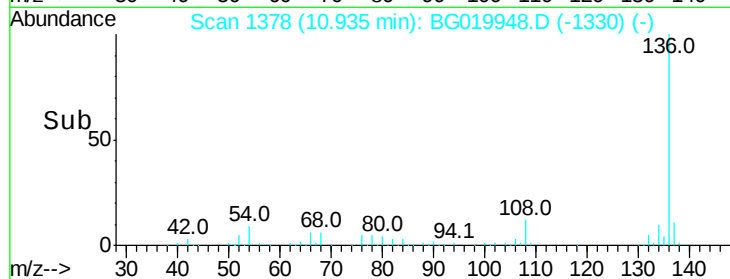
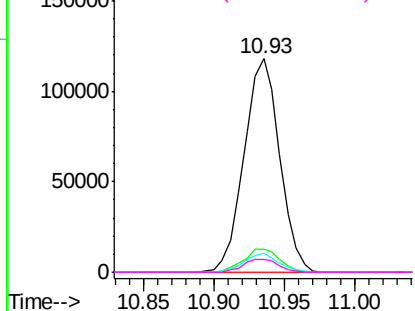
Tot Ion	Ratio	Resp	Lower	Upper
136	100	208414		
137	10.6		8.6	12.8
54	8.8		5.4	8.2
68	5.8		5.3	7.9

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:31:43 PM



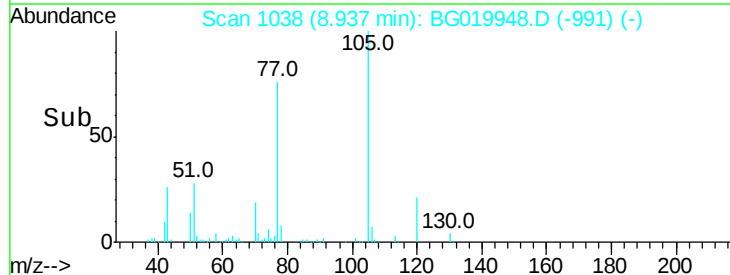
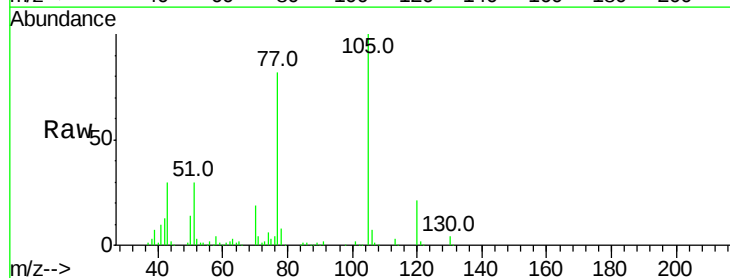
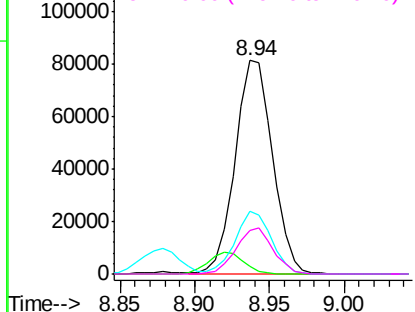
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

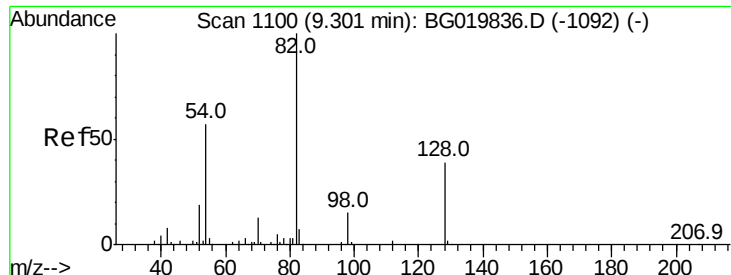


#22
Acetophenone
Concen: 24.74 ng
RT: 8.94 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BG019948.D
Acq: 5 Dec 2015 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	141358		
71	3.7		2.1	3.1
51	29.6		17.8	26.8
120	20.6		17.7	26.5

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





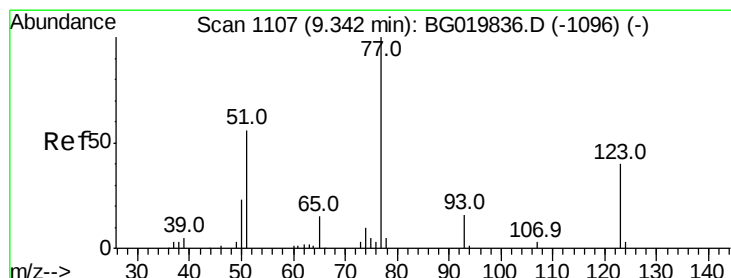
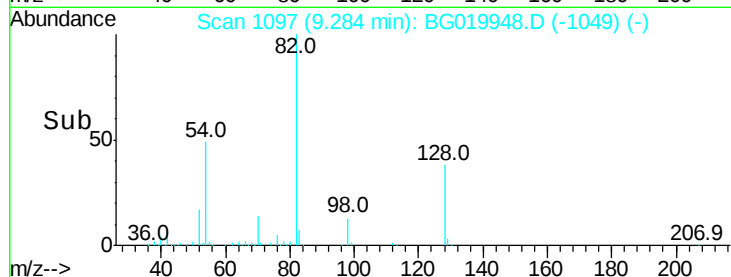
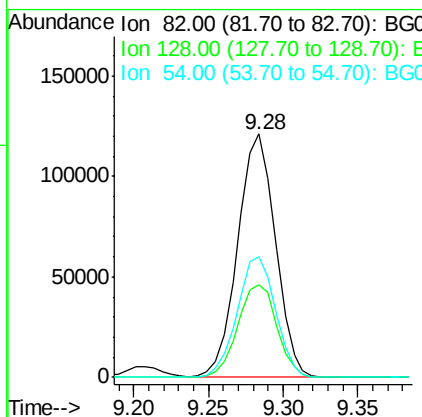
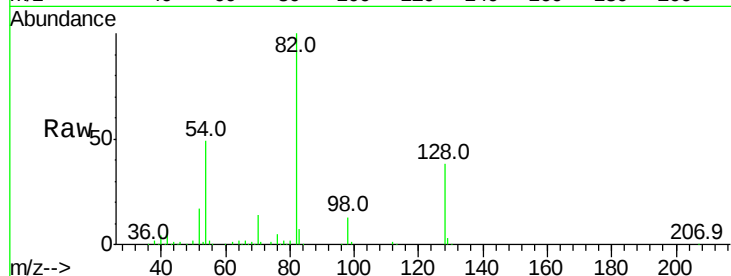
#23
Nitrobenzene-d5
Concen: 51.96 ng
RT: 9.28 min Scan# 1097
Delta R.T. -0.02 min
Lab File: BG019948.D
Acq: 5 Dec 2015 18:56

Instrument :
BNA_G
ClientSampleId :
PB87019BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.9	36.7	55.1
54	49.5	33.8	50.8

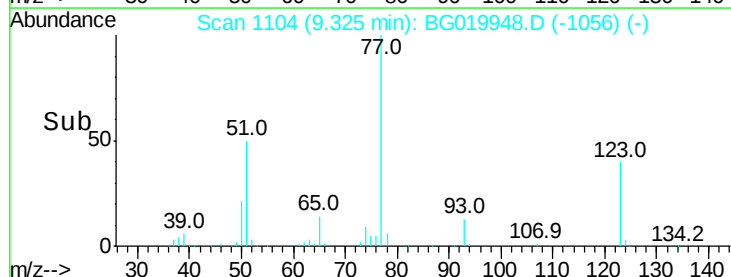
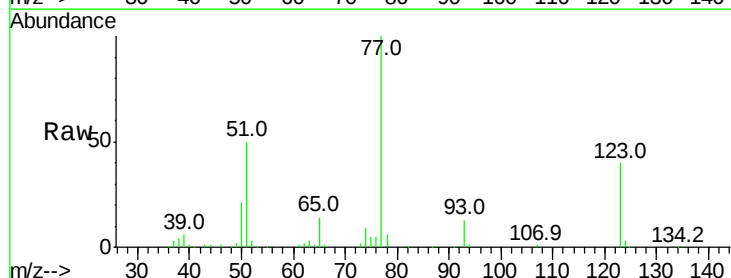
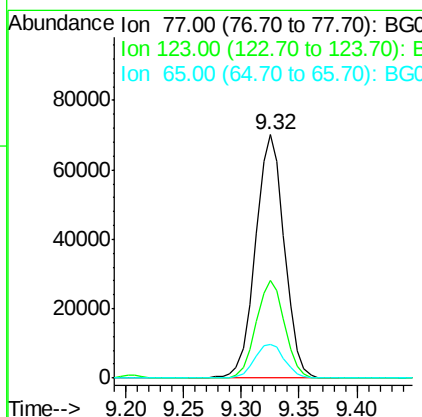
Manual Integrations
APPROVED

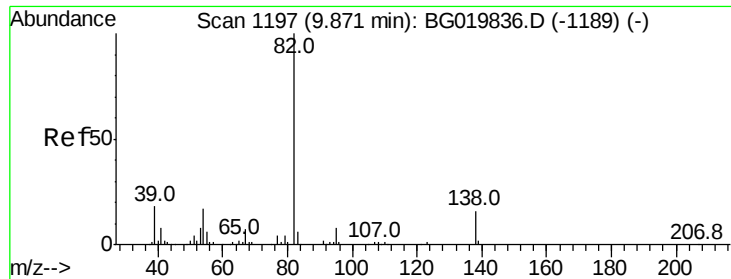
Mmdadoda
12/7/2015 6:31:43 PM



#24
Nitrobenzene
Concen: 27.51 ng
RT: 9.32 min Scan# 1104
Delta R.T. -0.02 min
Lab File: BG019948.D
Acq: 5 Dec 2015 18:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.3	38.2	57.2
65	14.0	10.6	16.0





#25

Isophorone

Concen: 25.07 ng

RT: 9.85 min Scan# 1193

Delta R.T. -0.02 min

Lab File: BG019948.D

Acq: 5 Dec 2015 18:56

Instrument :

BNA_G

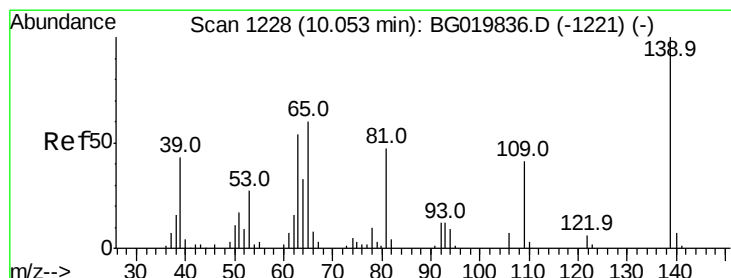
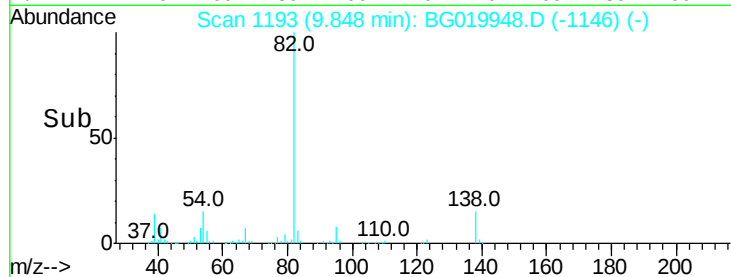
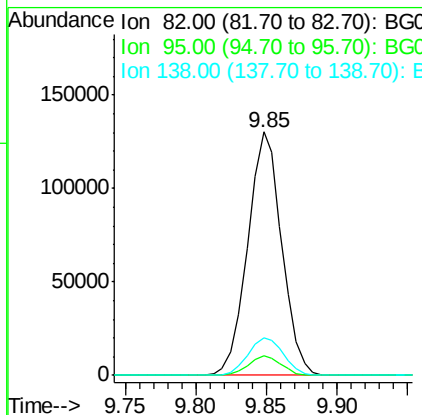
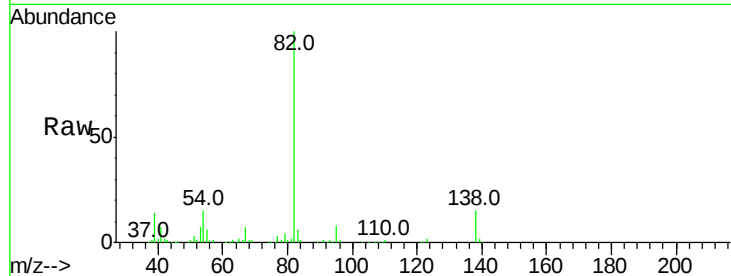
ClientSampleId :

PB87019BS

Tot Ion:	82	Resp:	219488
Ion Ratio	Lower	Upper	
82	100		
95	7.9	5.2	7.8#
138	15.4	14.4	21.6

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:31:43 PM



#26

2-Nitrophenol

Concen: 30.12 ng

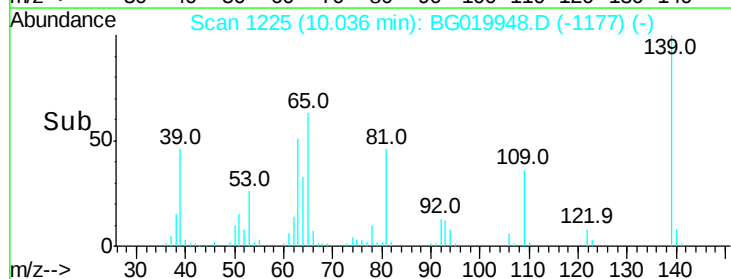
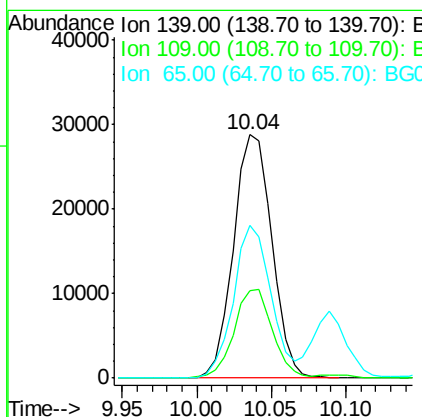
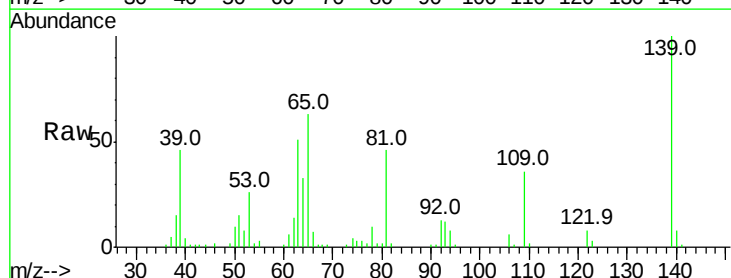
RT: 10.04 min Scan# 1225

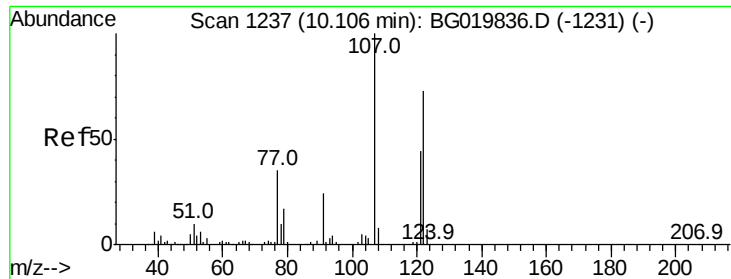
Delta R.T. -0.02 min

Lab File: BG019948.D

Acq: 5 Dec 2015 18:56

Tgt Ion:	139	Resp:	51523
Ion Ratio	Lower	Upper	
139	100		
109	35.7	20.1	30.1#
65	62.7	34.1	51.1#





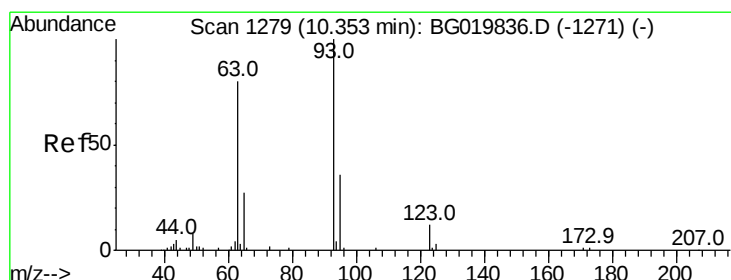
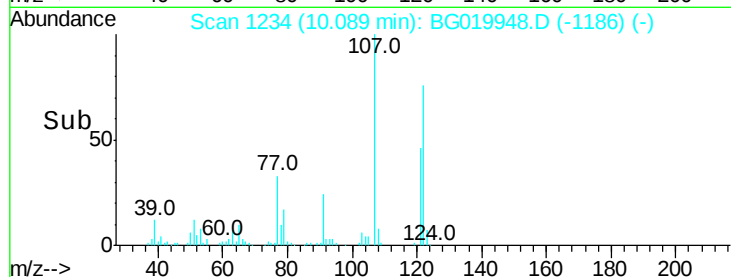
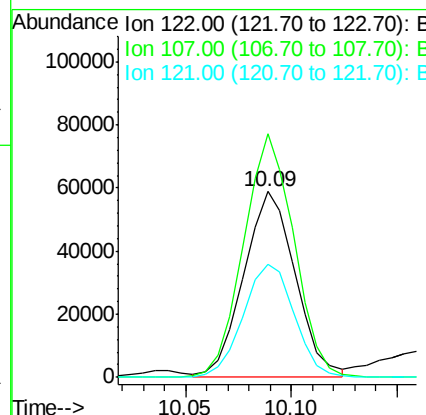
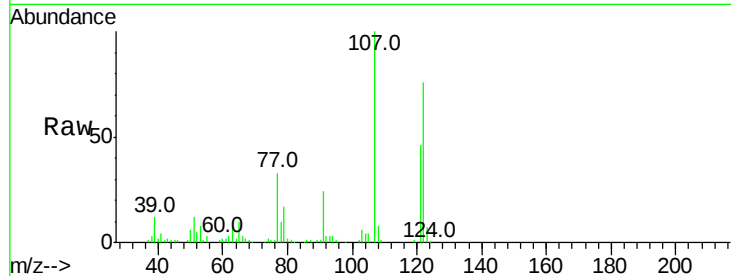
#27
 2,4-Dimethylphenol
 Concen: 27.93 ng
 RT: 10.09 min Scan# 1234
 Delta R.T. -0.02 min
 Lab File: BG019948.D
 Acq: 5 Dec 2015 18:56

Instrument :
 BNA_G
 ClientSampleId :
 PB87019BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	131.2	91.6	137.4
121	60.9	47.3	70.9

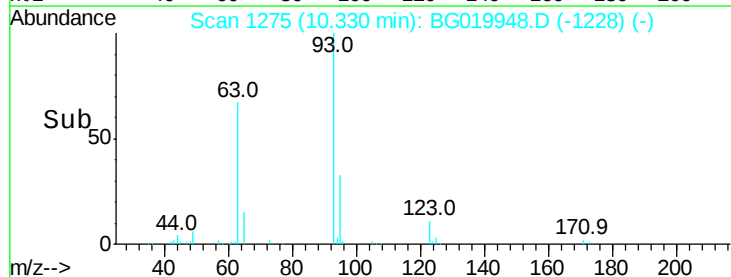
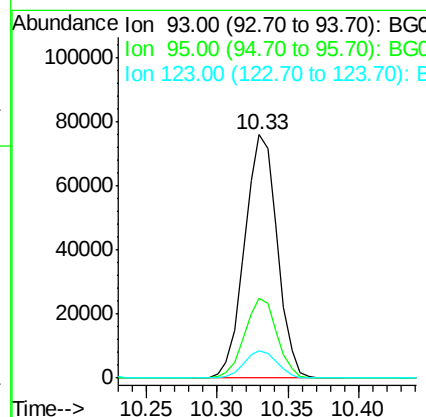
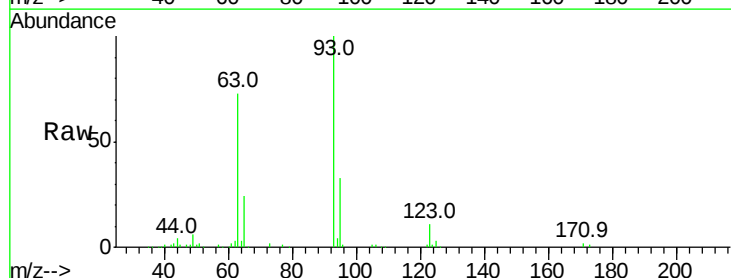
Manual Integrations
 APPROVED

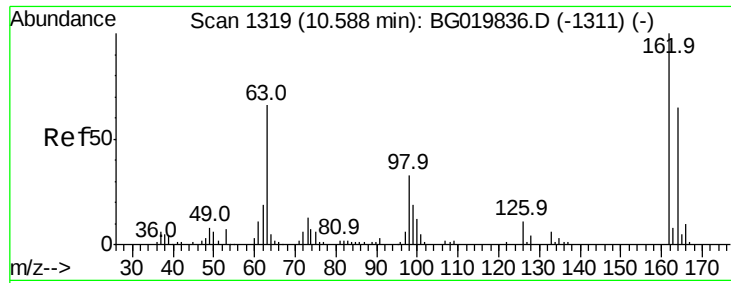
Mmdadoda
 12/7/2015 6:31:43 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 28.80 ng
 RT: 10.33 min Scan# 1275
 Delta R.T. -0.02 min
 Lab File: BG019948.D
 Acq: 5 Dec 2015 18:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.7	38.5
123	11.2	8.6	12.8





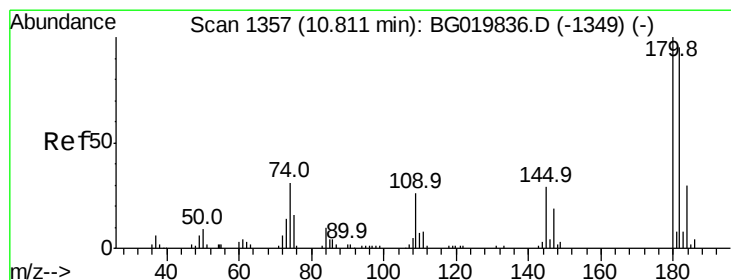
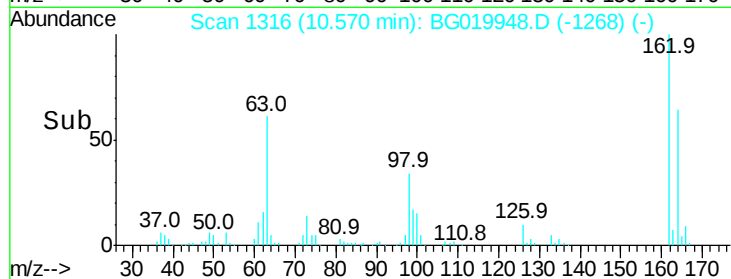
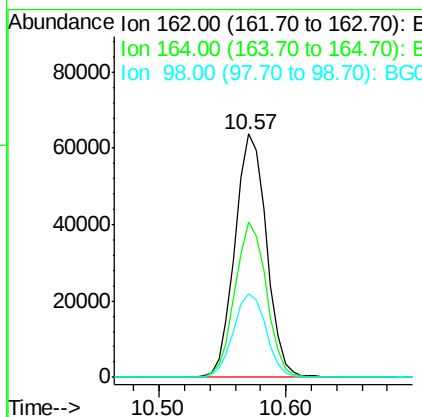
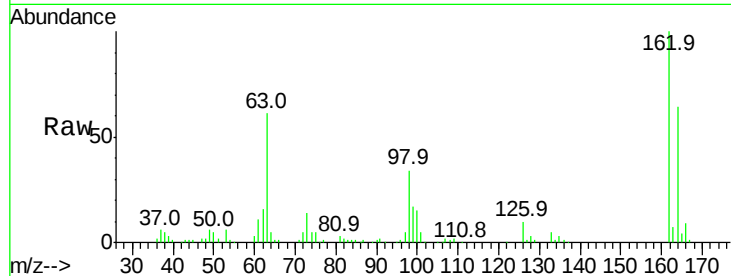
#29
 2,4-Dichlorophenol
 Concen: 30.23 ng
 RT: 10.57 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BG019948.D
 Acq: 5 Dec 2015 18:56

Instrument :
 BNA_G
 ClientSampleId :
 PB87019BS

Tot Ion:	162	Resp:	110009
Ion Ratio	Lower	Upper	
162	100		
164	63.7	42.3	82.3
98	34.3	11.5	51.5

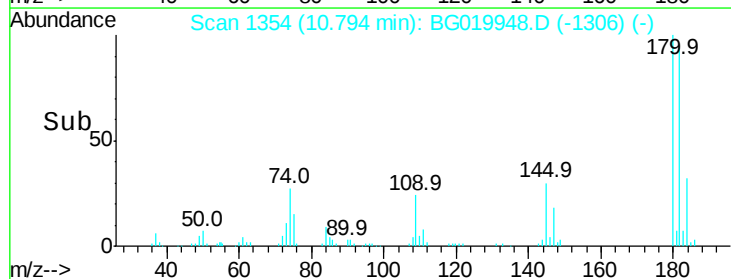
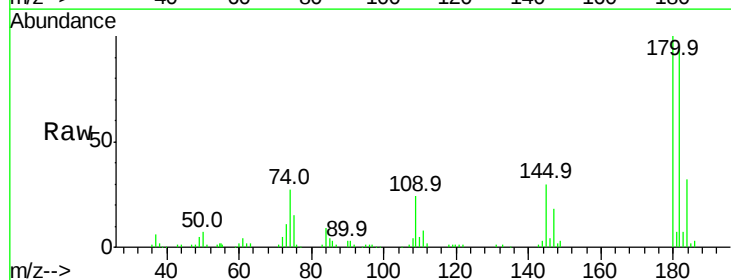
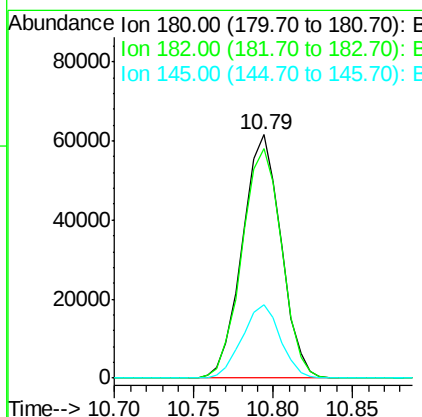
Manual Integrations
 APPROVED

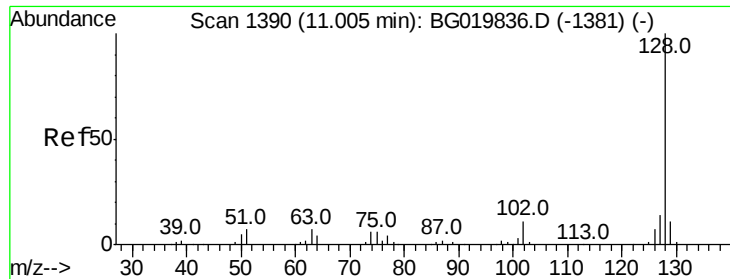
Mmdadoda
 12/7/2015 6:31:43 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 25.40 ng
 RT: 10.79 min Scan# 1354
 Delta R.T. -0.02 min
 Lab File: BG019948.D
 Acq: 5 Dec 2015 18:56

Tgt Ion:	180	Resp:	104491
Ion Ratio	Lower	Upper	
180	100		
182	94.2	79.7	119.5
145	30.2	22.0	33.0





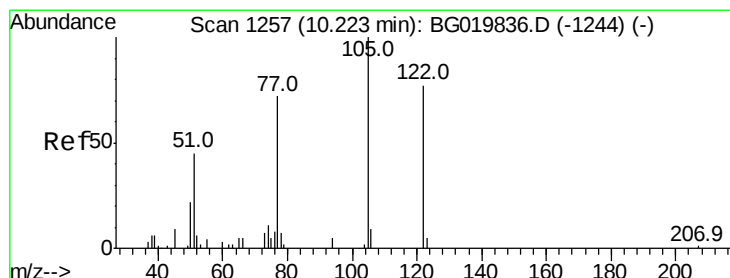
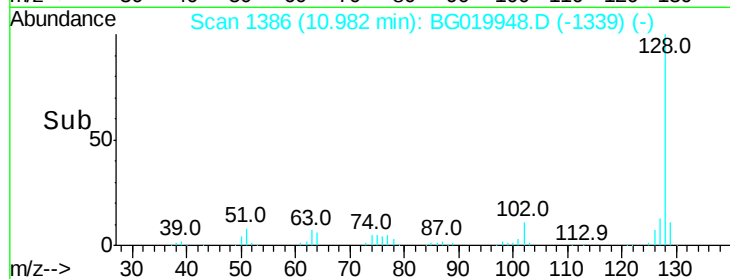
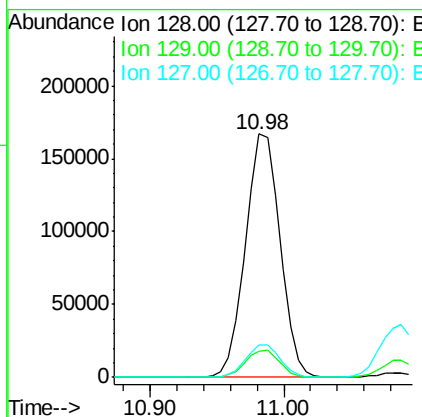
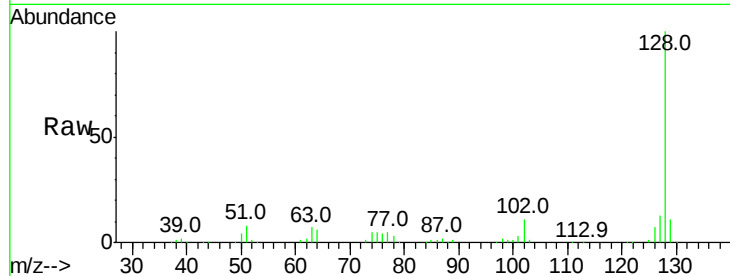
#31
Naphthalene
Concen: 26.72 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.02 min
Lab File: BG019948.D
Acq: 5 Dec 2015 18:56

Instrument :
BNA_G
ClientSampleId :
PB87019BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.5	12.7
127	13.5	10.6	16.0

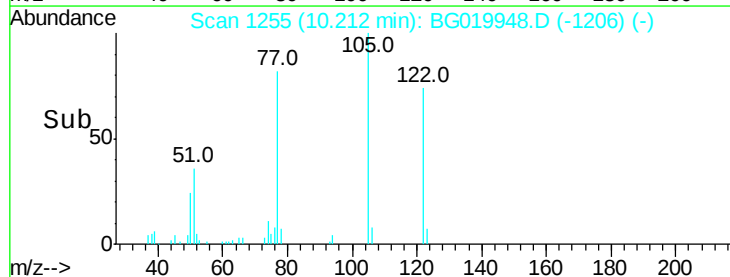
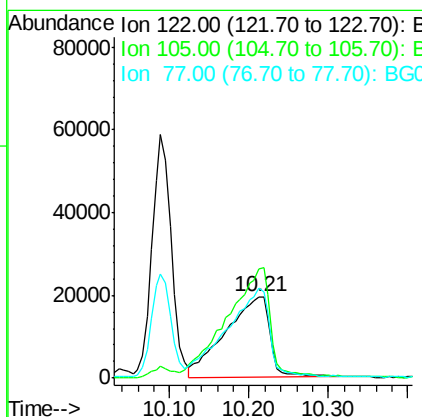
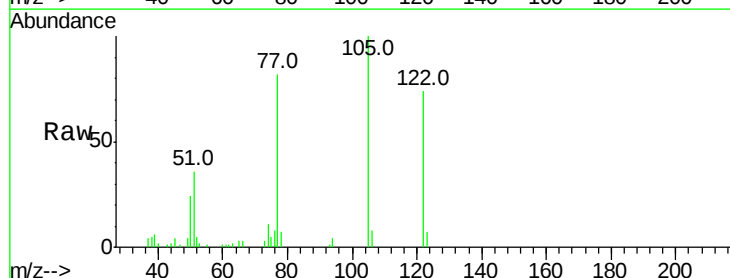
Manual Integrations
APPROVED

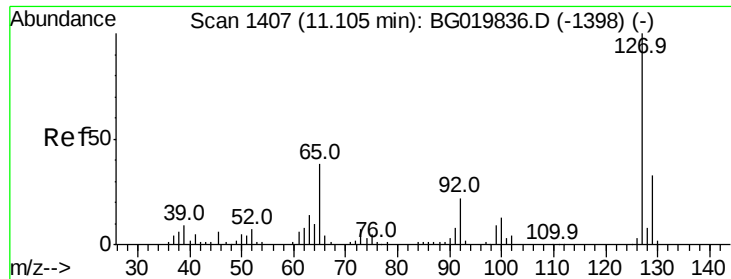
Mmdadoda
12/7/2015 6:31:43 PM



#32
Benzoic acid
Concen: 33.83 ng
RT: 10.21 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BG019948.D
Acq: 5 Dec 2015 18:56

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.4	103.8	143.8
77	111.1	68.8	108.8





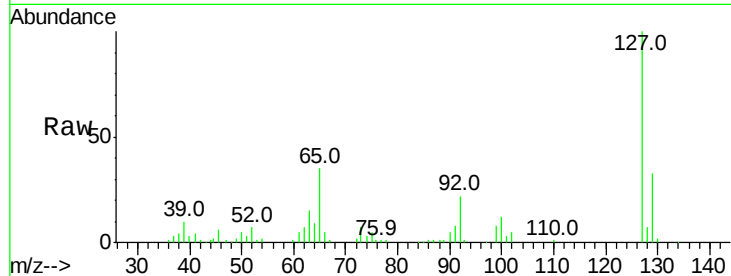
#33
4-Chloroaniline
Concen: 13.71 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BG019948.D
Acq: 5 Dec 2015 18:56

Instrument :
BNA_G
ClientSampleId :
PB87019BS

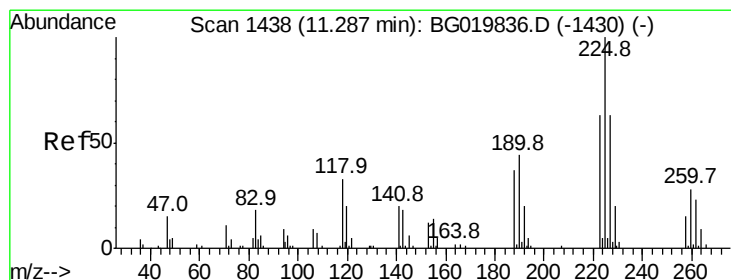
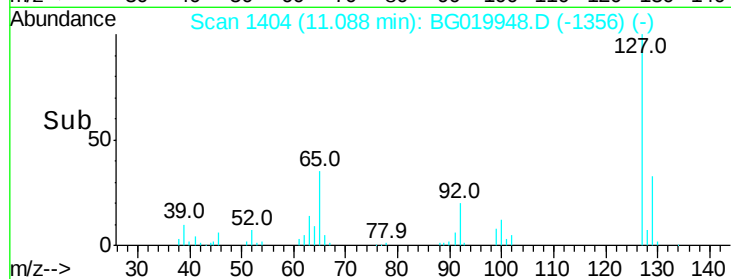
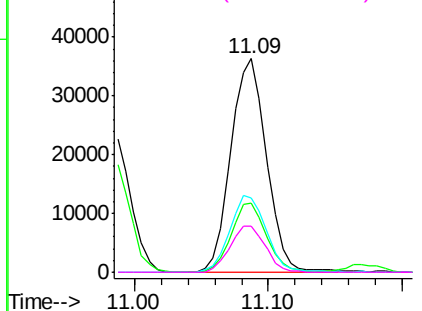
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.7	24.6	37.0
65	35.0	22.6	33.8
92	21.6	15.1	22.7

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:31:43 PM

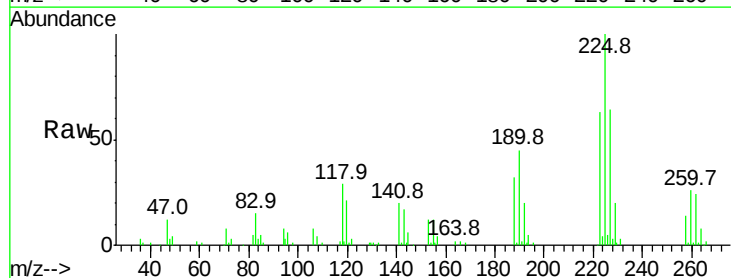


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

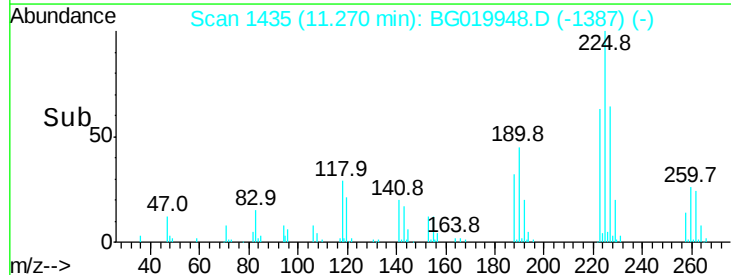
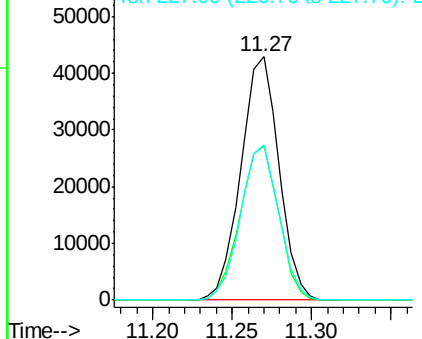


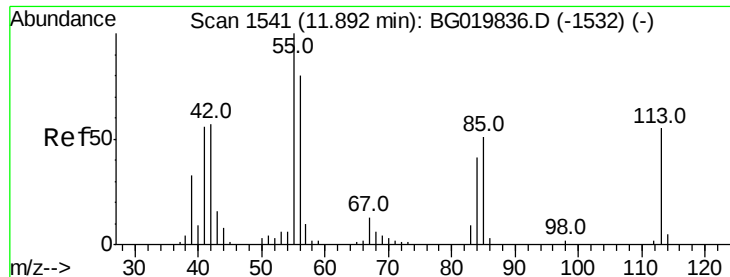
#34
Hexachlorobutadiene
Concen: 23.65 ng
RT: 11.27 min Scan# 1435
Delta R.T. -0.02 min
Lab File: BG019948.D
Acq: 5 Dec 2015 18:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.6	51.0	76.4
227	61.1	51.8	77.8



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





#35

Caprolactam

Concen: 30.08 ng/ml

RT: 11.86 min Scan# 1536

Delta R.T. -0.03 min

Lab File: BG019948.D

Acq: 5 Dec 2015 18:56

Instrument :

BNA_G

ClientSampleId :

PB87019BS

Tot Ion:113 Resp: 40748

Ion Ratio Lower Upper

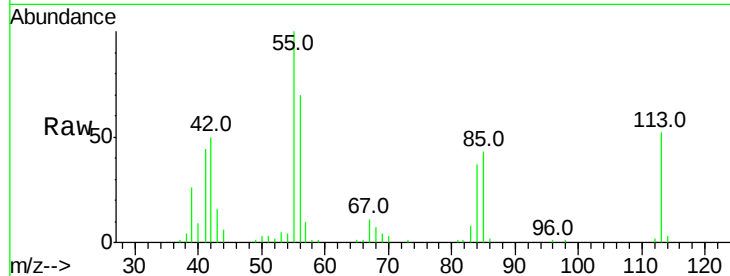
113 100

55 191.9 135.0 175.0#

56 134.4 83.4 123.4#

Manual Integrations
APPROVED

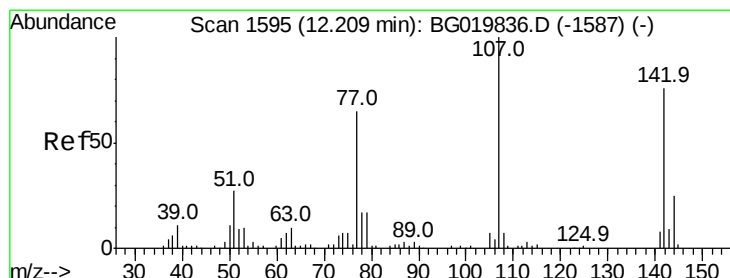
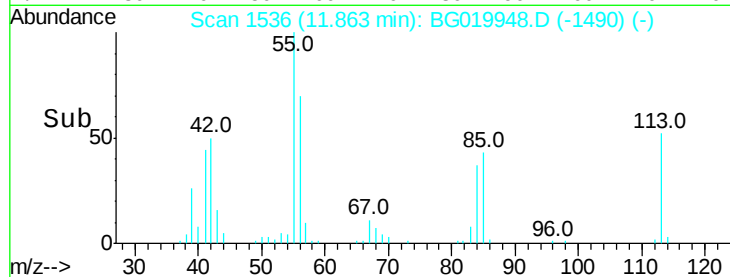
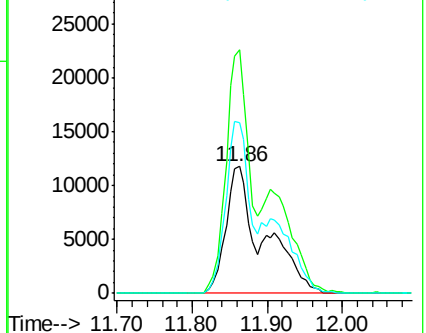
Mmdadoda
12/7/2015 6:31:43 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 27.99 ng/ml

RT: 12.19 min Scan# 1592

Delta R.T. -0.02 min

Lab File: BG019948.D

Acq: 5 Dec 2015 18:56

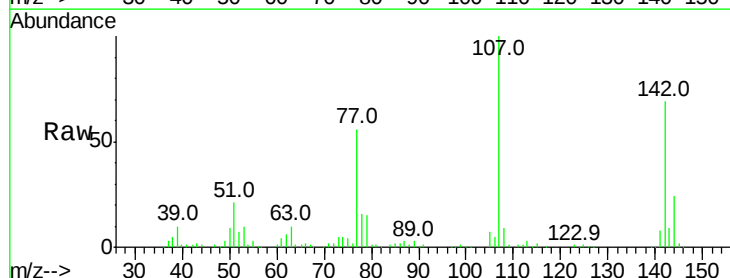
Tgt Ion:107 Resp: 126859

Ion Ratio Lower Upper

107 100

144 24.2 20.6 31.0

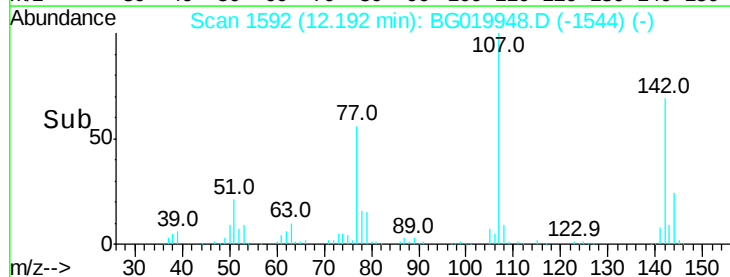
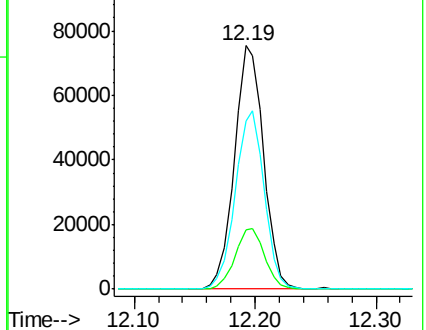
142 69.3 62.6 93.8

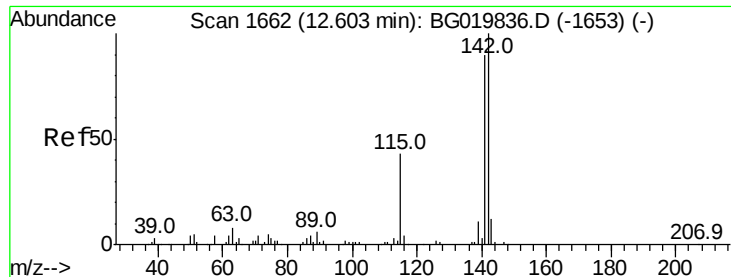


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 27.74 ng

RT: 12.58 min Scan# 1658

Delta R.T. -0.02 min

Lab File: BG019948.D

Acq: 5 Dec 2015 18:56

Instrument :

BNA_G

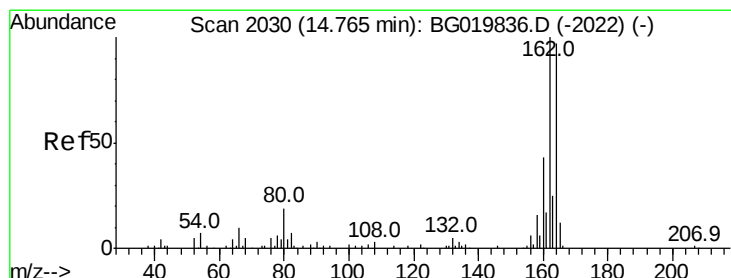
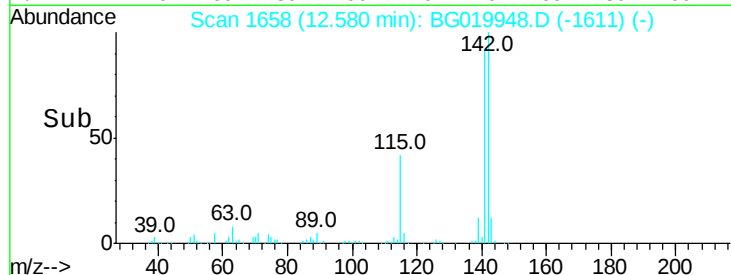
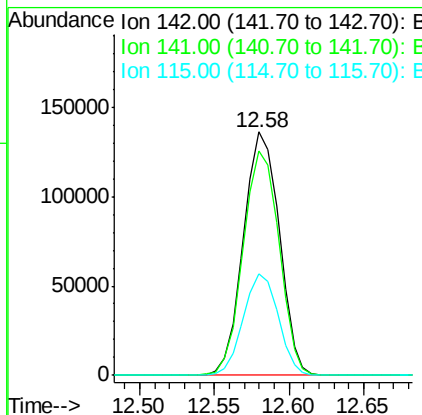
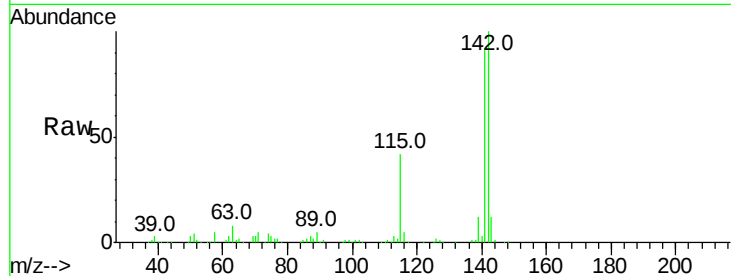
ClientSampleId :

PB87019BS

Tot Ion:	142	Resp:	226979
Ion Ratio	Lower	Upper	
142	100		
141	92.3	74.6	112.0
115	41.7	27.4	41.0#

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:31:43 PM



#38

Acenaphthene-d10

Concen: 20.00 ng

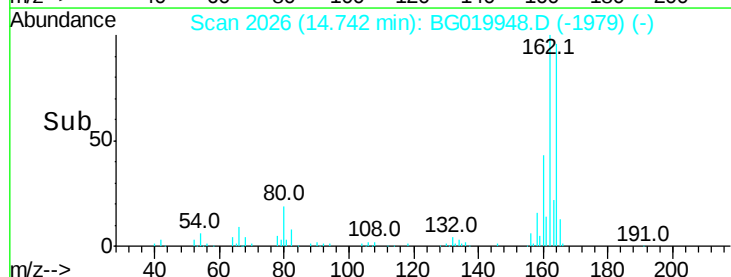
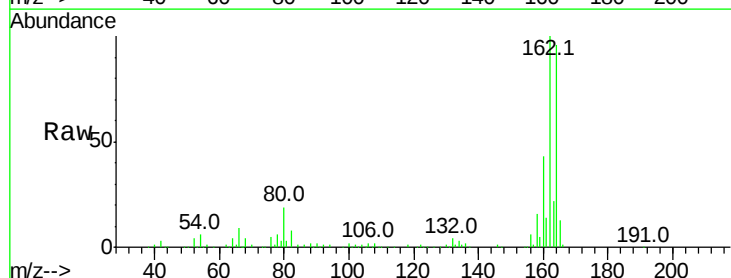
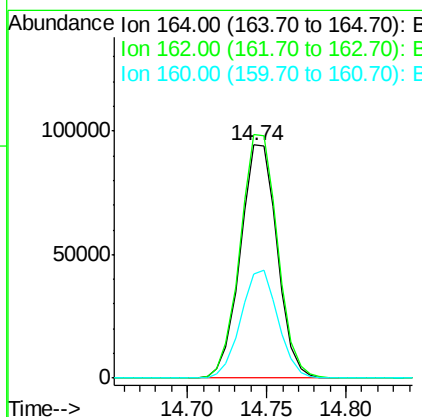
RT: 14.74 min Scan# 2026

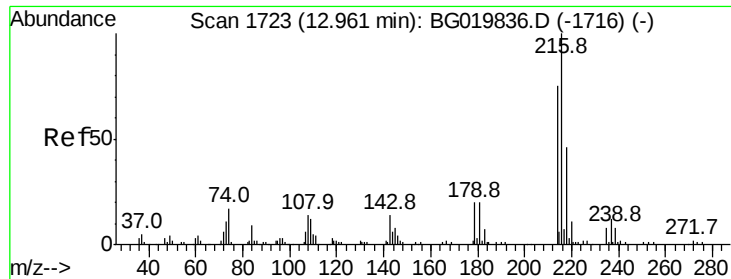
Delta R.T. -0.02 min

Lab File: BG019948.D

Acq: 5 Dec 2015 18:56

Tgt Ion:	164	Resp:	151684
Ion Ratio	Lower	Upper	
164	100		
162	104.4	78.8	118.2
160	44.8	36.4	54.6





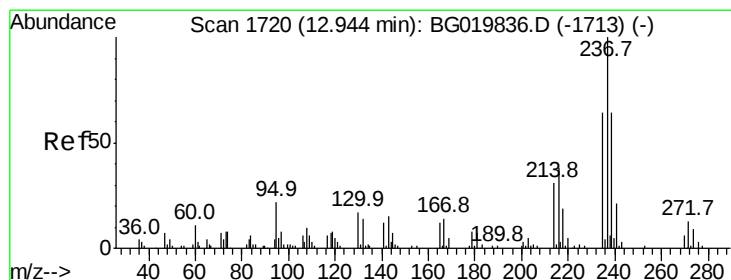
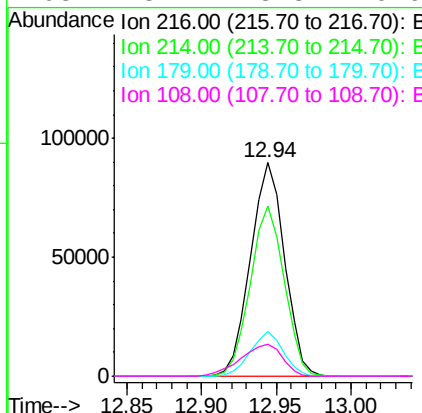
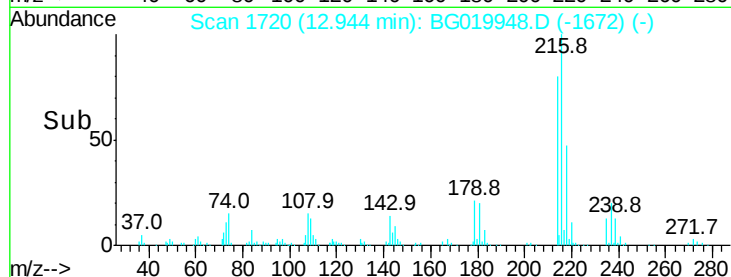
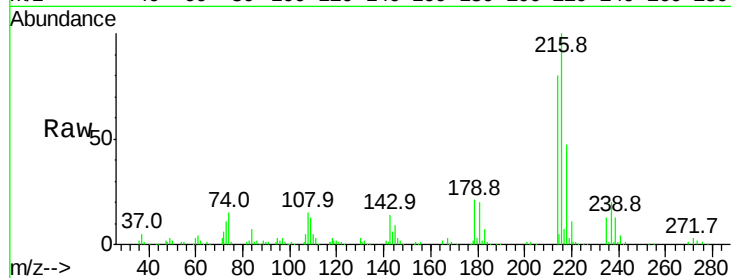
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 24.53 ng
 RT: 12.94 min Scan# 1720
 Delta R.T. -0.02 min
 Lab File: BG019948.D
 Acq: 5 Dec 2015 18:56

Instrument :
 BNA_G
 ClientSampleId :
 PB87019BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.4	62.5	93.7	
179	20.3	15.6	23.4	
108	18.4	13.3	19.9	

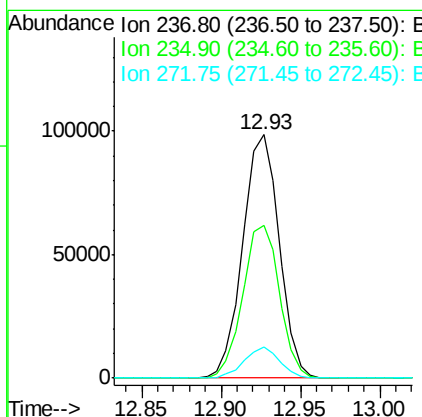
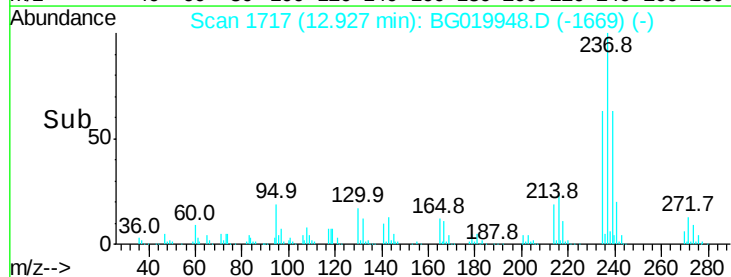
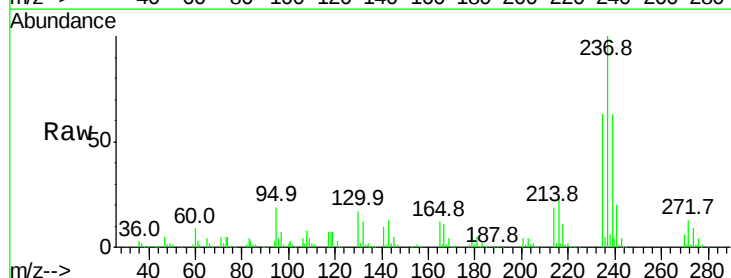
Manual Integrations
 APPROVED

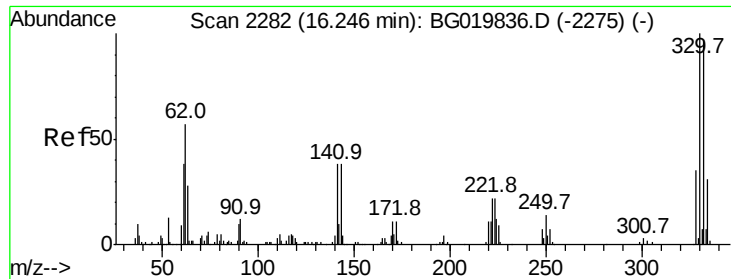
Mmdadoda
 12/7/2015 6:31:43 PM



#40
 Hexachlorocyclopentadiene
 Concen: 48.03 ng
 RT: 12.93 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG019948.D
 Acq: 5 Dec 2015 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.8	44.6	84.6	
272	12.8	0.0	32.8	





#41

2,4,6-Tribromophenol

Concen: 73.89 ng

RT: 16.23 min Scan# 2279

Delta R.T. -0.02 min

Lab File: BG019948.D

Acq: 5 Dec 2015 18:56

Instrument :

BNA_G

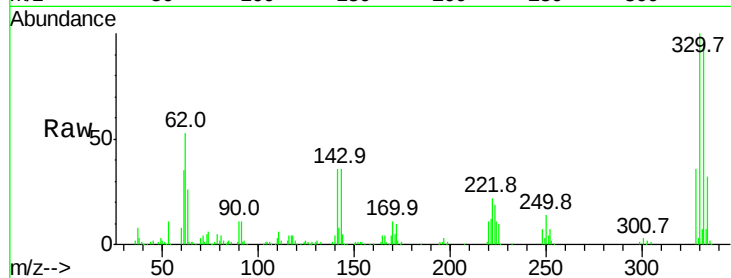
ClientSampleId :

PB87019BS

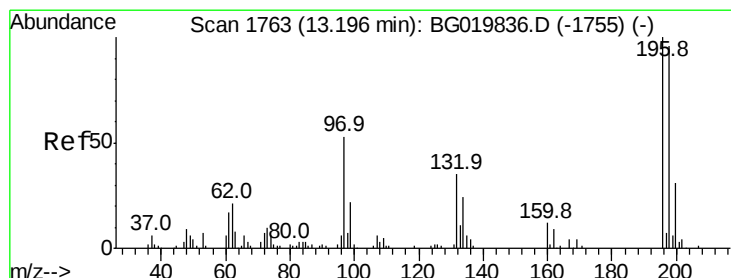
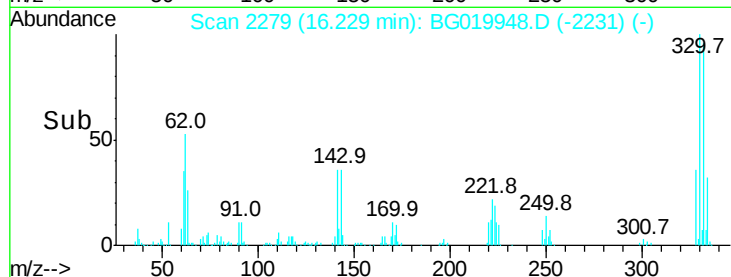
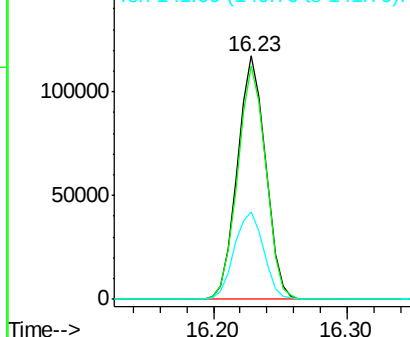
Tot Ion:	330	Resp:	171493
Ion Ratio	Lower	Upper	
330	100		
332	95.9	78.1	117.1
141	37.6	28.2	42.2

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:31:43 PM



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 27.04 ng

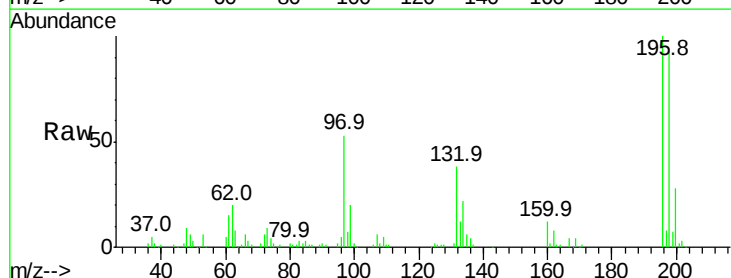
RT: 13.18 min Scan# 1760

Delta R.T. -0.02 min

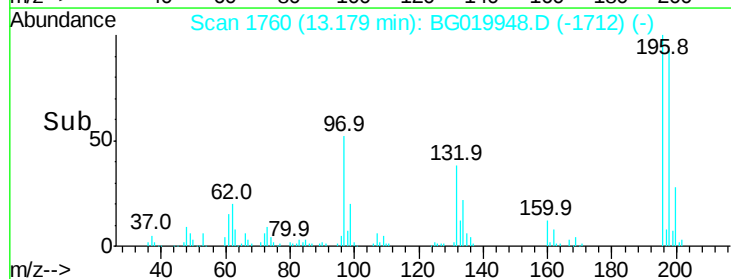
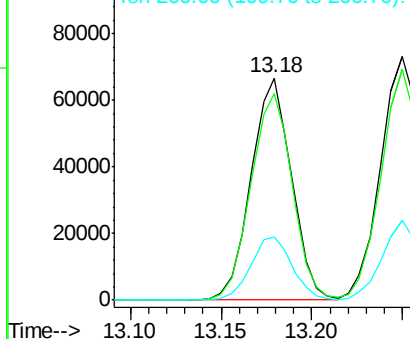
Lab File: BG019948.D

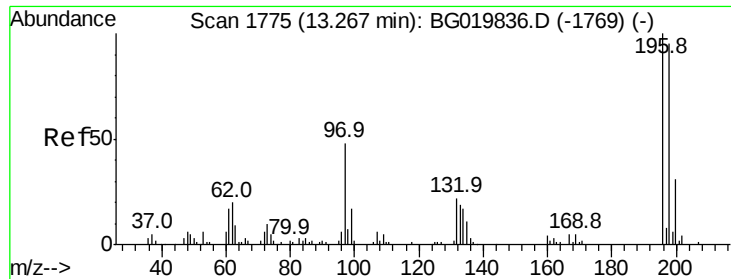
Acq: 5 Dec 2015 18:56

Tgt Ion:	196	Resp:	103057
Ion Ratio	Lower	Upper	
196	100		
198	92.7	74.7	112.1
200	28.2	24.1	36.1



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





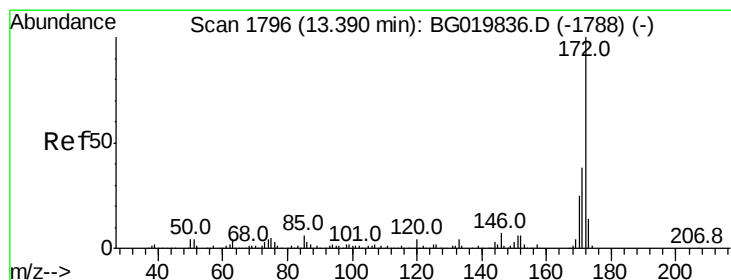
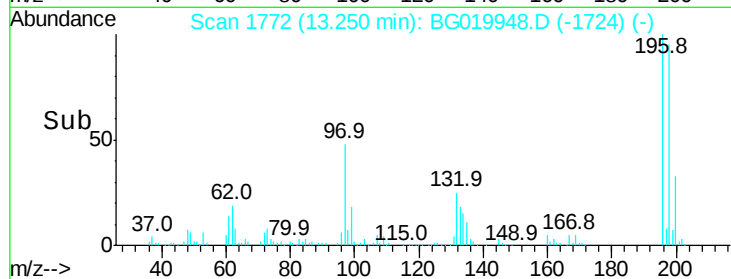
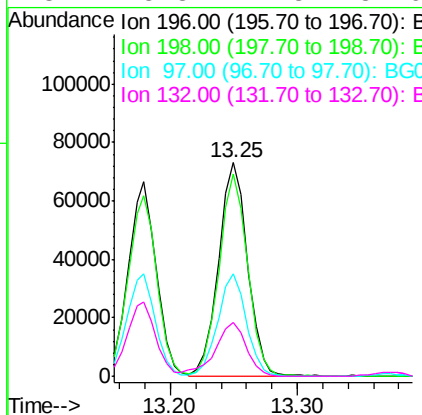
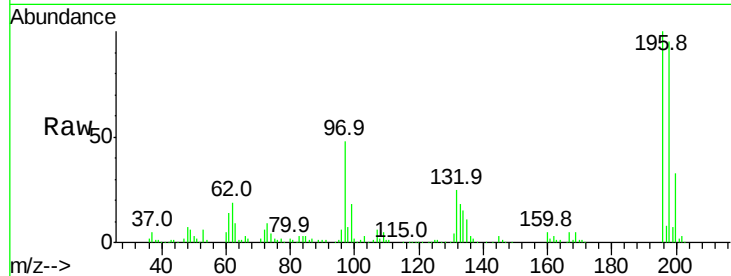
#43
 2,4,5-Trichlorophenol
 Concen: 28.77 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.02 min
 Lab File: BG019948.D
 Acq: 5 Dec 2015 18:56

Instrument :
 BNA_G
 ClientSampleId :
 PB87019BS

Tot Ion:	196	Resp:	115880
Ion Ratio	Lower	Upper	
196	100		
198	95.0	75.2	112.8
97	47.8	34.2	51.2
132	25.3	21.8	32.6

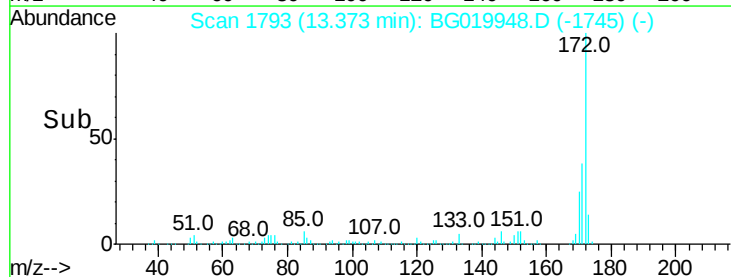
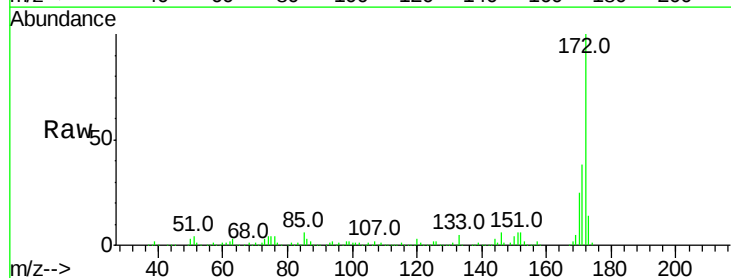
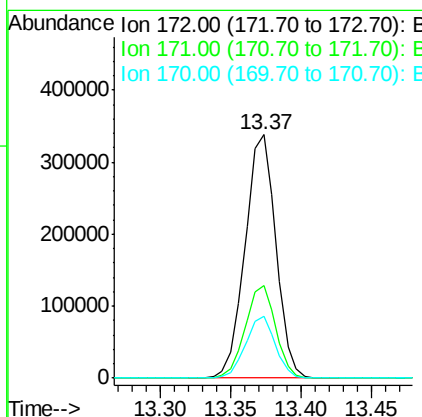
Manual Integrations
 APPROVED

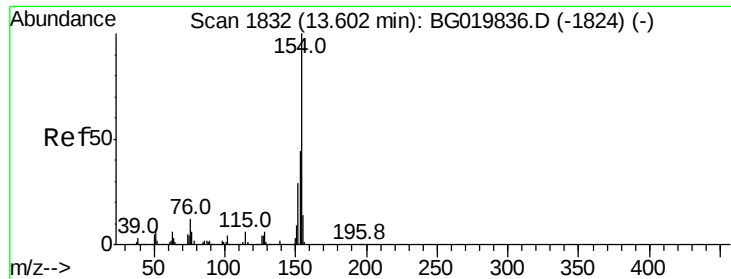
Mmdadoda
 12/7/2015 6:31:43 PM



#44
 2-Fluorobiphenyl
 Concen: 46.59 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. -0.02 min
 Lab File: BG019948.D
 Acq: 5 Dec 2015 18:56

Tgt Ion:	172	Resp:	517535
Ion Ratio	Lower	Upper	
172	100		
171	37.9	29.0	43.6
170	25.2	19.9	29.9





#45

1,1'-Biphenyl

Concen: 24.29 ng

RT: 13.58 min Scan# 1828

Delta R.T. -0.02 min

Lab File: BG019948.D

Acq: 5 Dec 2015 18:56

Instrument :

BNA_G

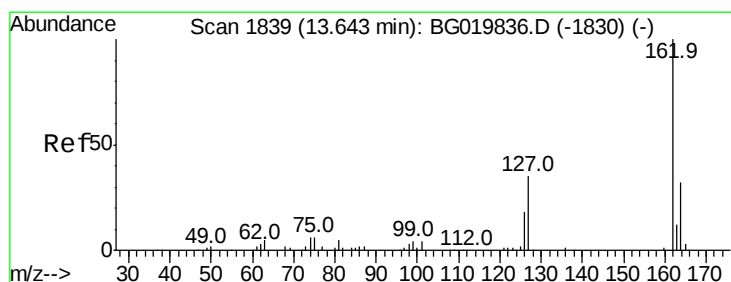
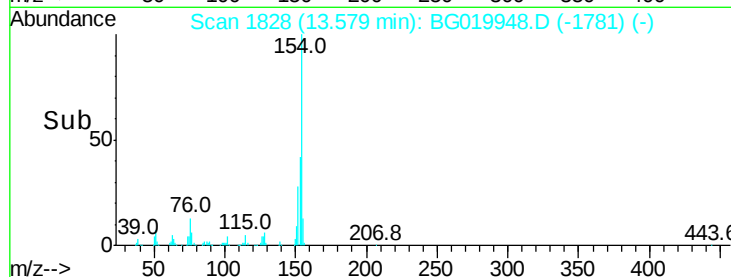
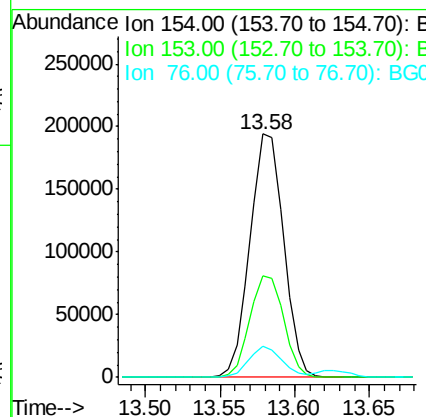
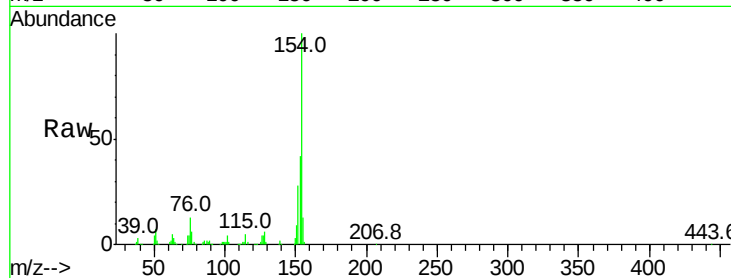
ClientSampleID :

PB87019BS

Tot Ion:	154	Resp:	302361
Ion Ratio	Lower	Upper	
154	100		
153	42.0	21.9	61.9
76	13.1	0.0	33.2

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:31:43 PM



#46

2-Chloronaphthalene

Concen: 25.90 ng

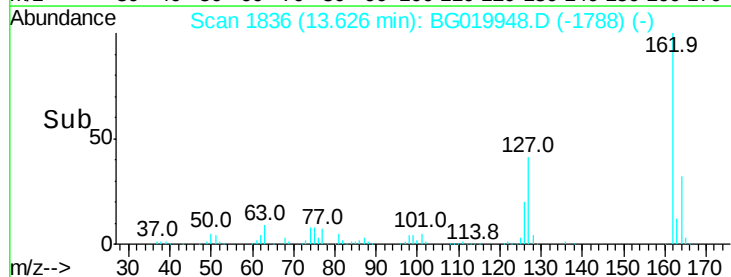
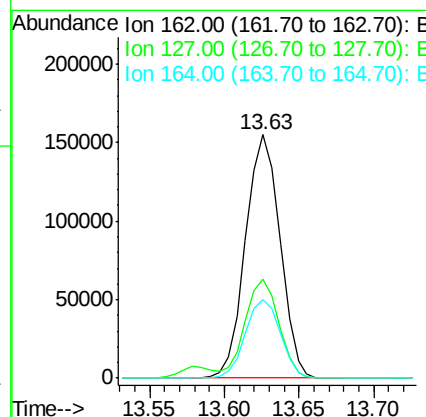
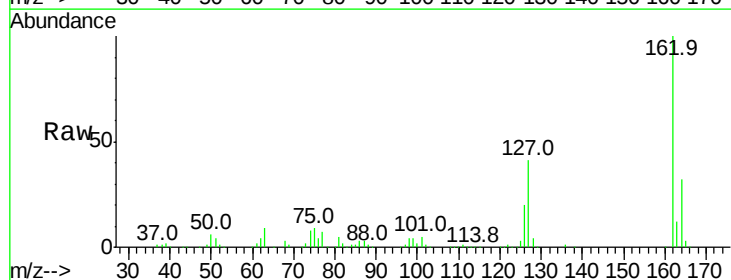
RT: 13.63 min Scan# 1836

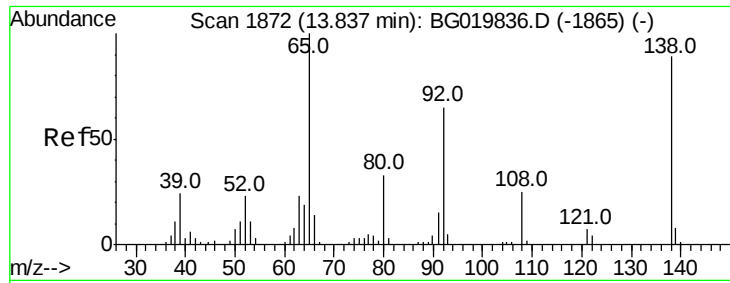
Delta R.T. -0.02 min

Lab File: BG019948.D

Acq: 5 Dec 2015 18:56

Tgt Ion:	162	Resp:	248493
Ion Ratio	Lower	Upper	
162	100		
127	40.9	28.3	42.5
164	32.4	27.4	41.0





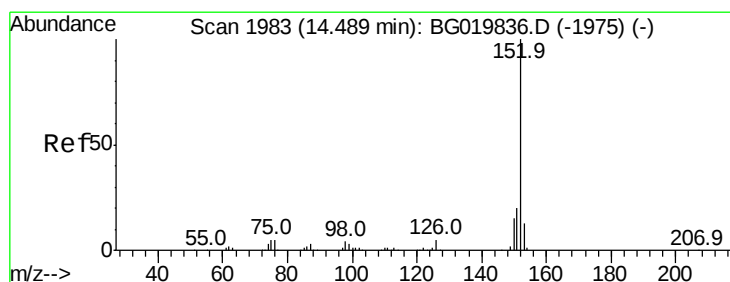
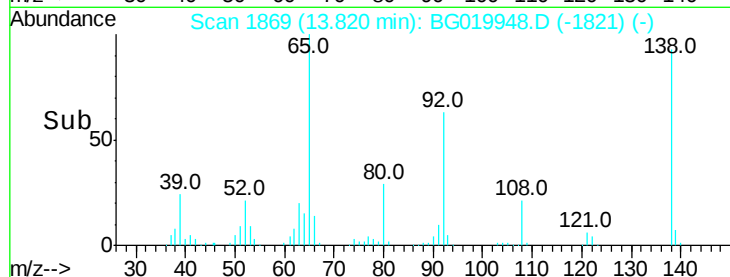
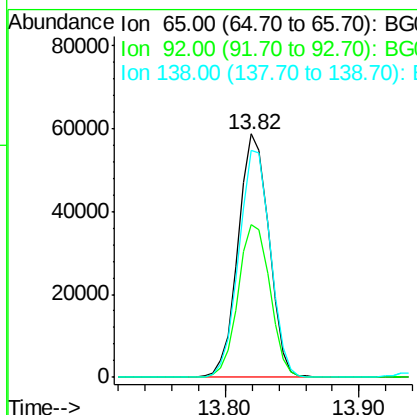
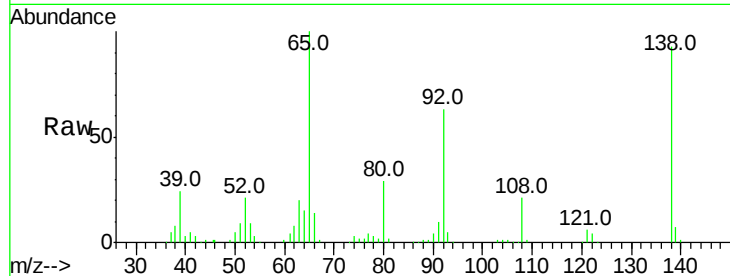
#47
2-Nitroaniline
Concen: 30.97 ng
RT: 13.82 min Scan# 1869
Delta R.T. -0.02 min
Lab File: BG019948.D
Acq: 5 Dec 2015 18:56

Instrument :
BNA_G
ClientSampleId :
PB87019BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.8	54.8	82.2
138	93.3	89.6	134.4

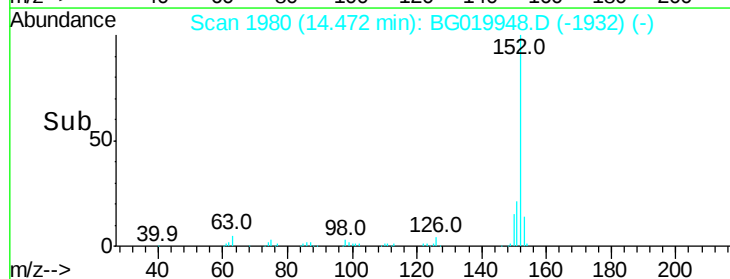
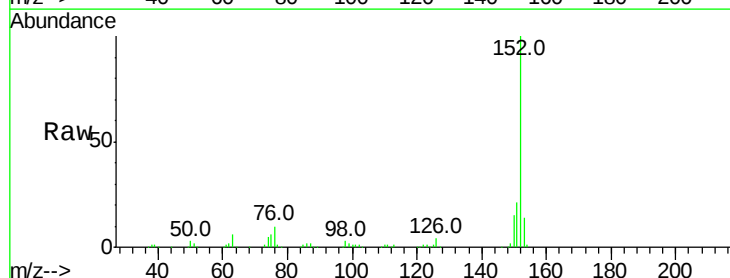
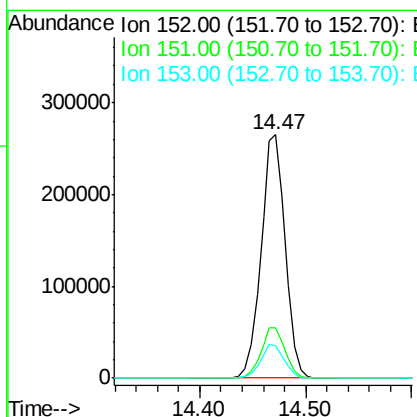
Manual Integrations
APPROVED

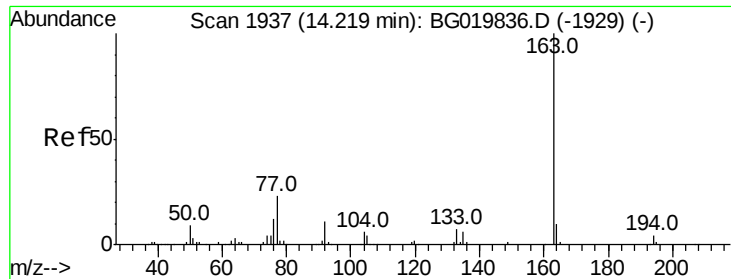
Mmdadoda
12/7/2015 6:31:43 PM



#48
Acenaphthylene
Concen: 25.67 ng
RT: 14.47 min Scan# 1980
Delta R.T. -0.02 min
Lab File: BG019948.D
Acq: 5 Dec 2015 18:56

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.0	25.4
153	13.5	10.4	15.6





#49

Dimethylphthalate

Concen: 25.08 ng

RT: 14.20 min Scan# 1933

Delta R.T. -0.02 min

Lab File: BG019948.D

Acq: 5 Dec 2015 18:56

Instrument :

BNA_G

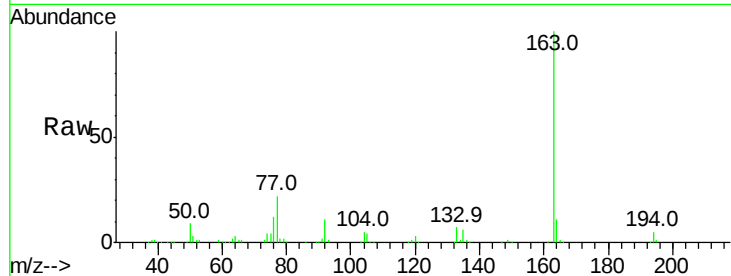
ClientSampleId :

PB87019BS

Tot Ion:	163	Resp:	342172
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.1	4.7
164	10.6	8.8	13.2

Manual Integrations
APPROVED

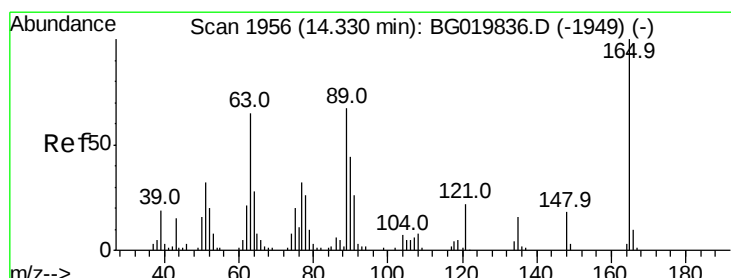
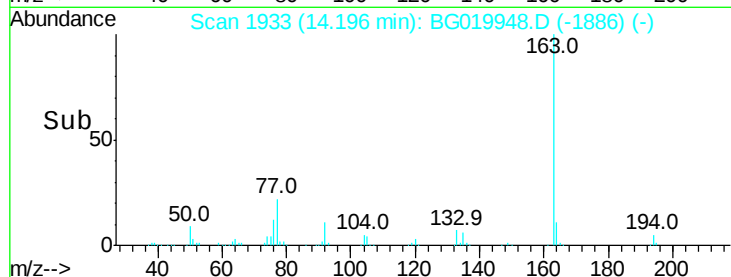
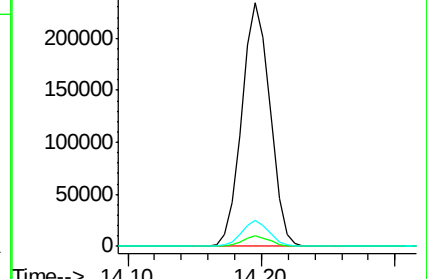
Mmdadoda
12/7/2015 6:31:43 PM



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 29.99 ng

RT: 14.31 min Scan# 1953

Delta R.T. -0.02 min

Lab File: BG019948.D

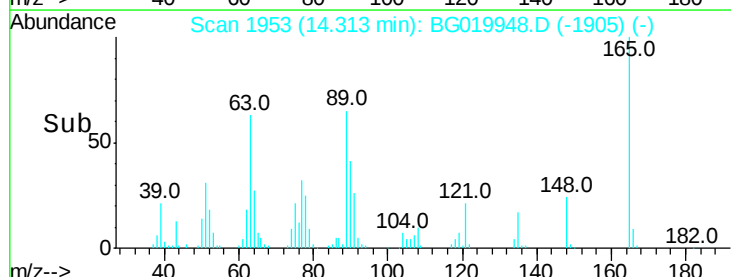
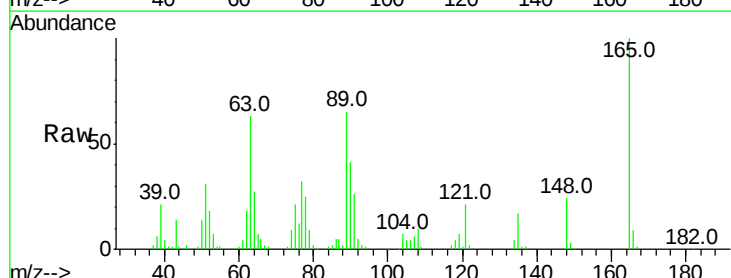
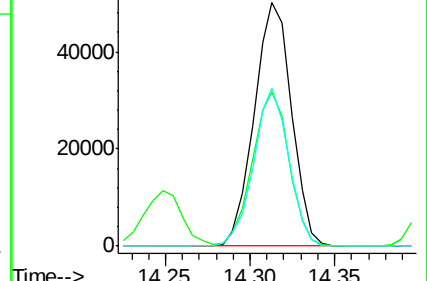
Acq: 5 Dec 2015 18:56

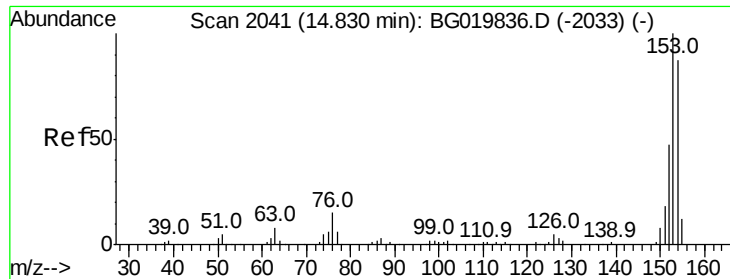
Tgt Ion:	165	Resp:	76942
Ion Ratio	Lower	Upper	
165	100		
63	63.1	35.7	53.5#
89	65.1	39.7	59.5#

Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





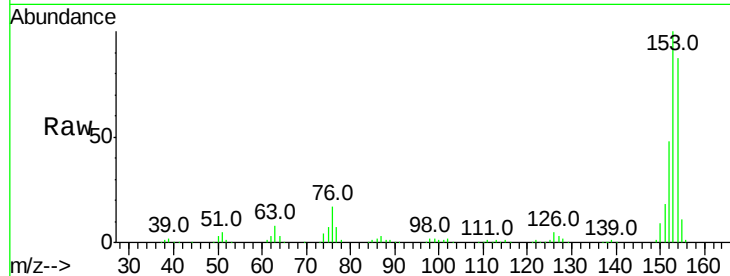
#51
Acenaphthene
Concen: 29.39 ng/ml
RT: 14.81 min Scan# 2037
Delta R.T. -0.02 min
Lab File: BG019948.D
Acq: 5 Dec 2015 18:56

Instrument :
BNA_G
ClientSampleID :
PB87019BS

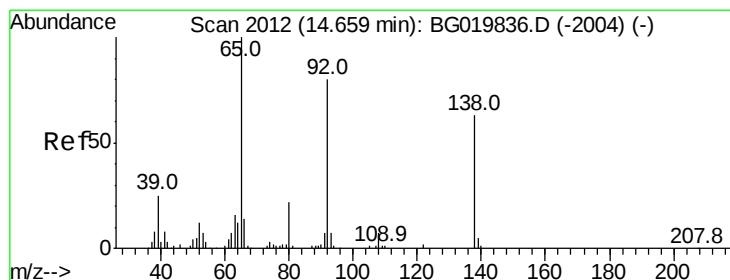
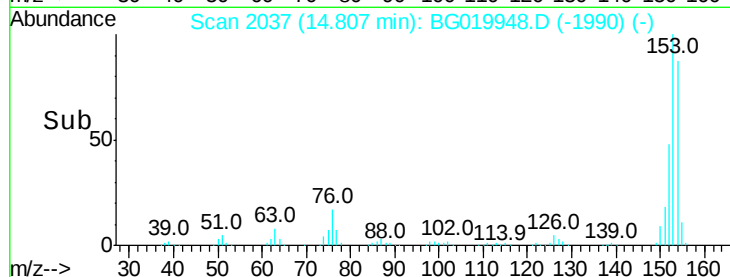
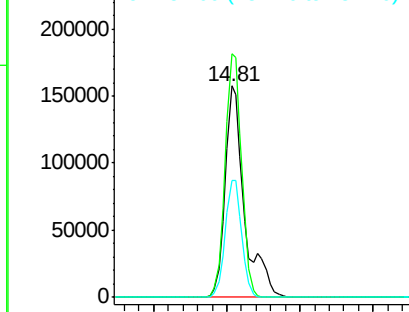
Tot Ion	Ratio	Lower	Upper
154	100		
153	115.3	92.9	139.3
152	55.5	45.8	68.8

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:31:43 PM



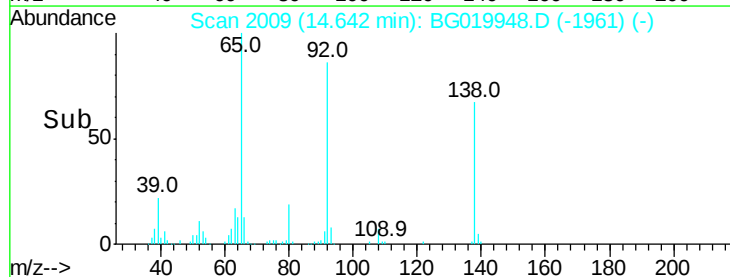
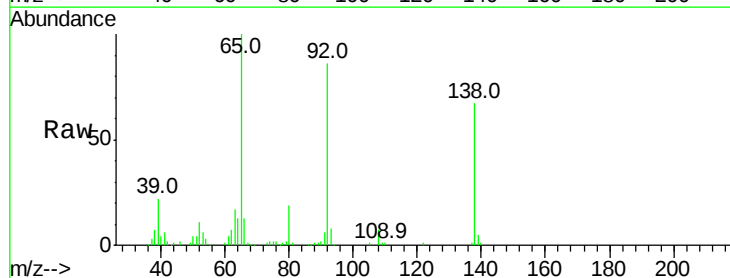
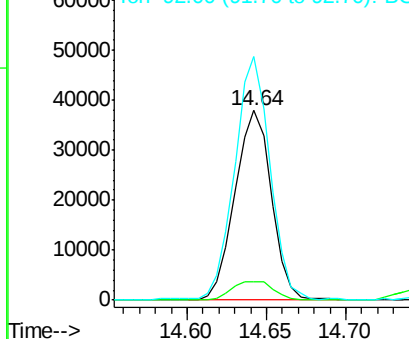
Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

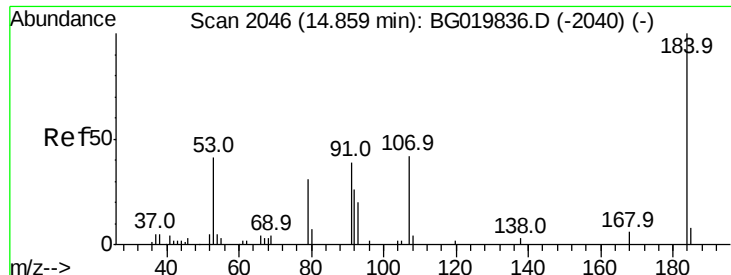


#52
3-Nitroaniline
Concen: 22.76 ng/ml
RT: 14.64 min Scan# 2009
Delta R.T. -0.02 min
Lab File: BG019948.D
Acq: 5 Dec 2015 18:56

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.9	7.9	11.9
92	128.3	94.2	141.4

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





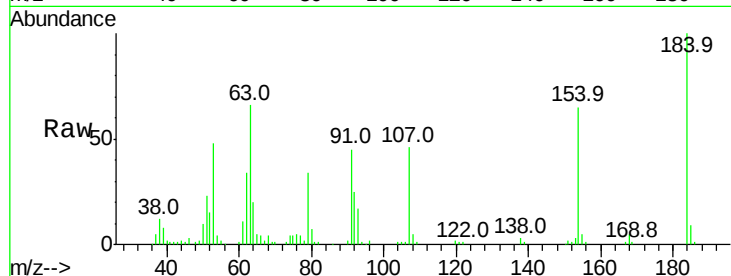
#53
 2,4-Dinitrophenol
 Concen: 61.11 ng
 RT: 14.84 min Scan# 2043
 Delta R.T. -0.02 min
 Lab File: BG019948.D
 Acq: 5 Dec 2015 18:56

Instrument :
 BNA_G
 ClientSampleId :
 PB87019BS

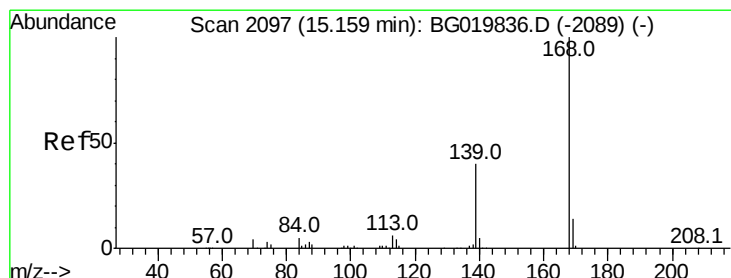
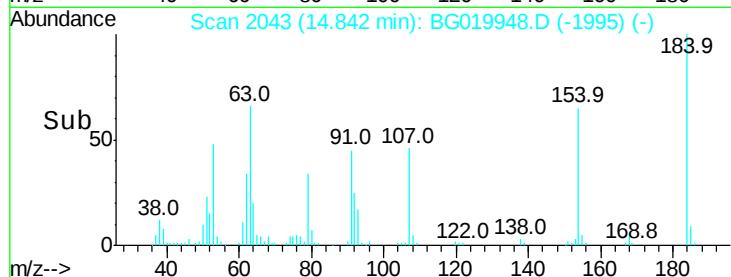
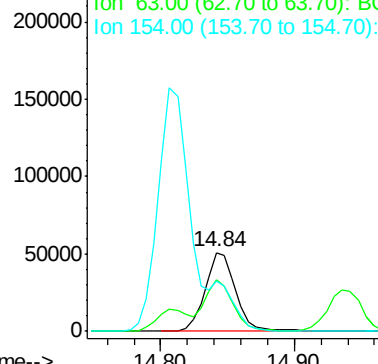
Tot Ion	Ratio	Lower	Upper
184	100		
63	66.3	42.7	64.1#
154	64.6	44.3	66.5

Manual Integrations
 APPROVED

Mmdadoda
 12/7/2015 6:31:43 PM

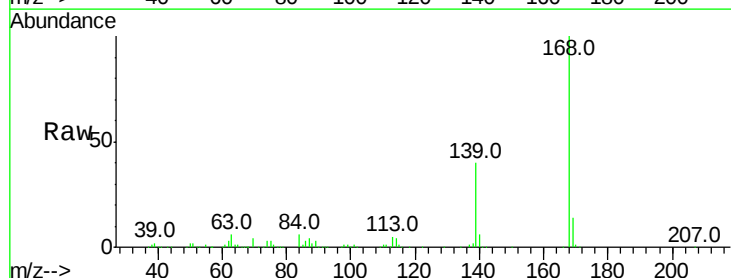


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): B
 Ion 154.00 (153.70 to 154.70): E

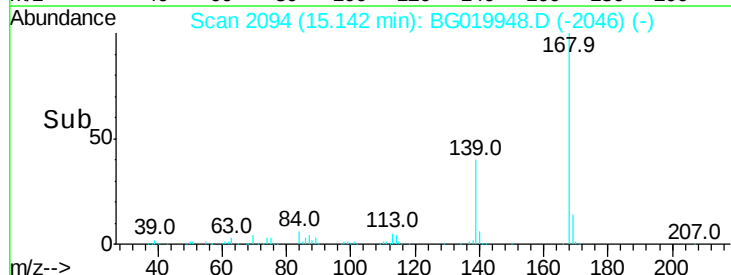
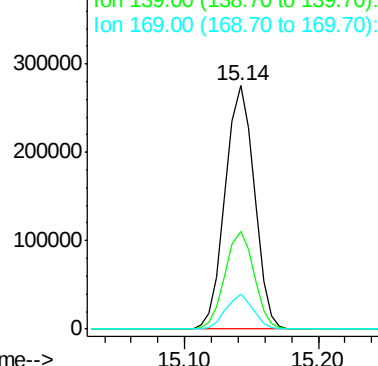


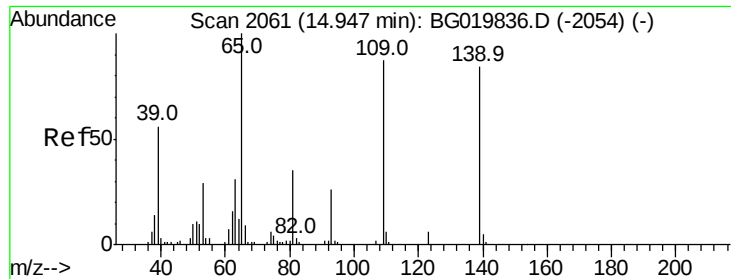
#54
 Dibenzofuran
 Concen: 28.14 ng
 RT: 15.14 min Scan# 2094
 Delta R.T. -0.02 min
 Lab File: BG019948.D
 Acq: 5 Dec 2015 18:56

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.3	27.4	41.0
169	14.1	11.0	16.4



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





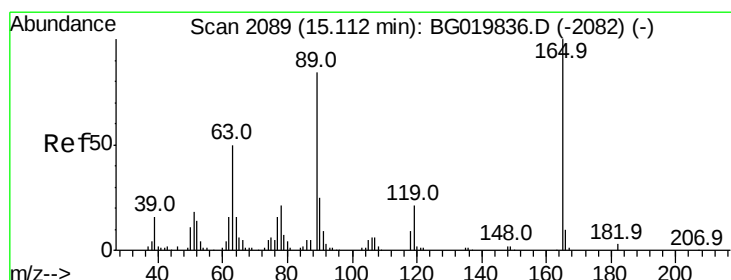
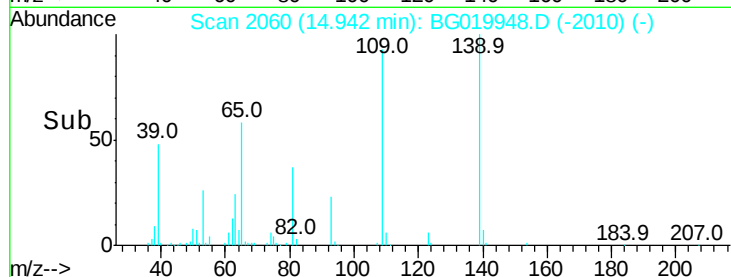
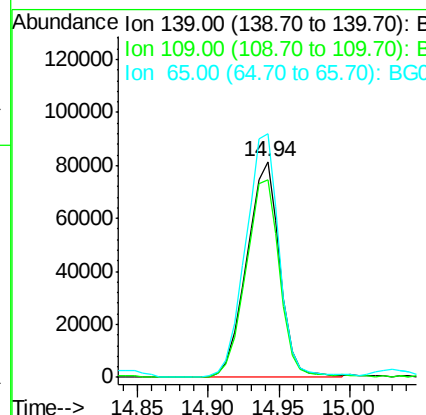
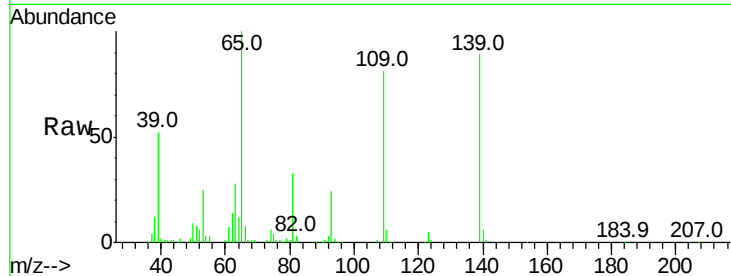
#55
4-Nitrophenol
Concen: 57.61 ng
RT: 14.94 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BG019948.D
Acq: 5 Dec 2015 18:56

Instrument :
BNA_G
ClientSampleId :
PB87019BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	91.3	43.2	83.2#	
65	112.7	67.8	107.8#	

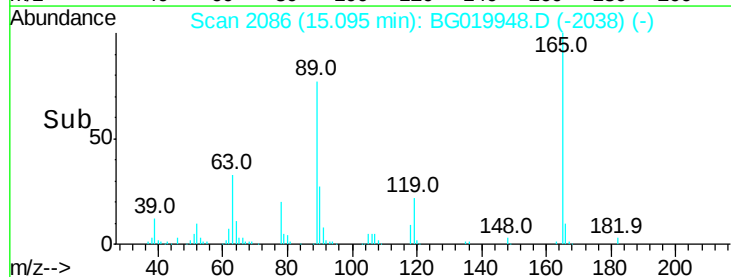
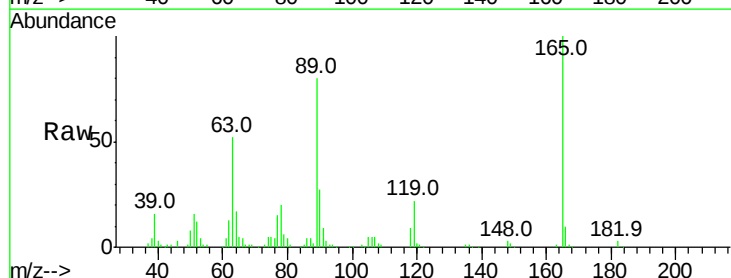
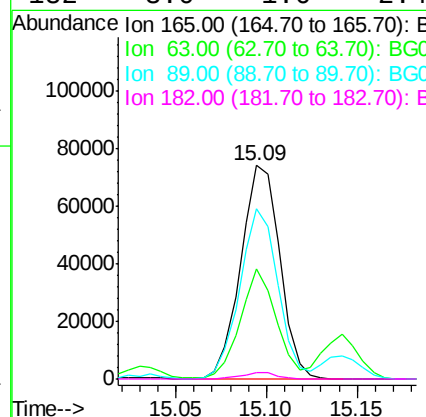
Manual Integrations
APPROVED

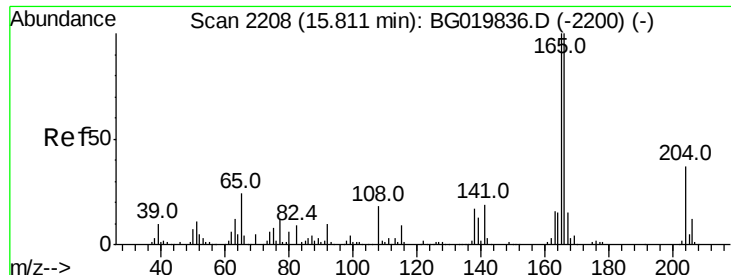
Mmdadoda
12/7/2015 6:31:43 PM



#56
2,4-Dinitrotoluene
Concen: 31.10 ng
RT: 15.09 min Scan# 2086
Delta R.T. -0.02 min
Lab File: BG019948.D
Acq: 5 Dec 2015 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	51.6	31.0	46.4#	
89	79.7	54.4	81.6	
182	3.0	1.6	2.4#	





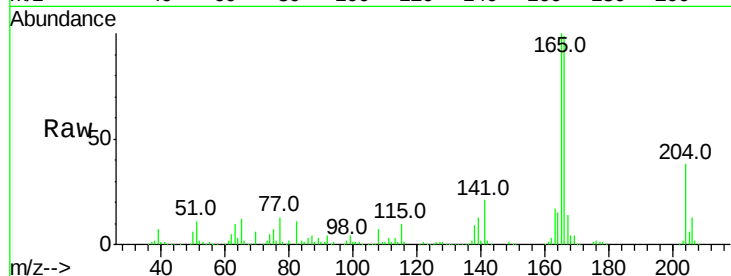
#57
Fluorene
 Concen: 25.51 ng
 RT: 15.79 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG019948.D
 Acq: 5 Dec 2015 18:56

Instrument :
 BNA_G
 ClientSampleId :
 PB87019BS

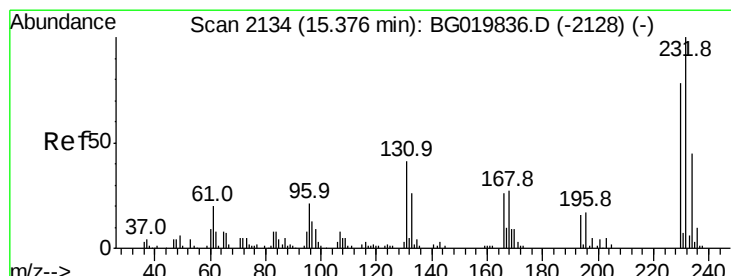
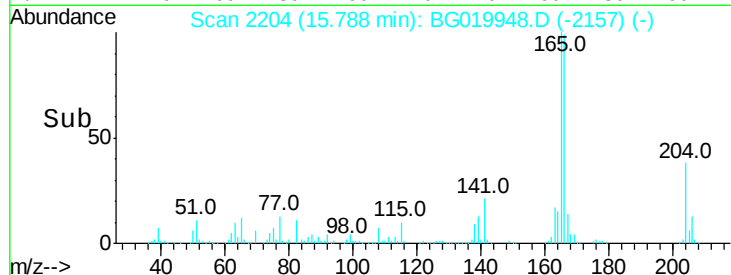
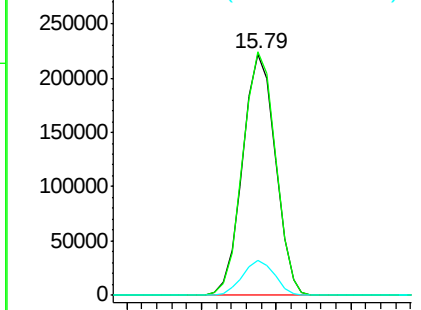
Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.7	80.0	120.0	
167	14.5	11.1	16.7	

Manual Integrations
 APPROVED

Mmdadoda
 12/7/2015 6:31:43 PM



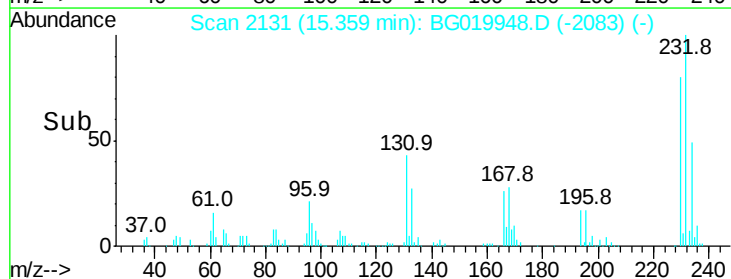
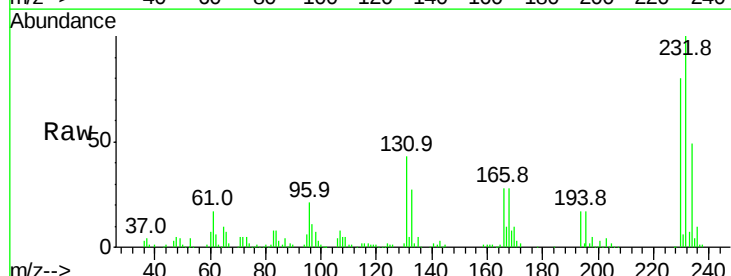
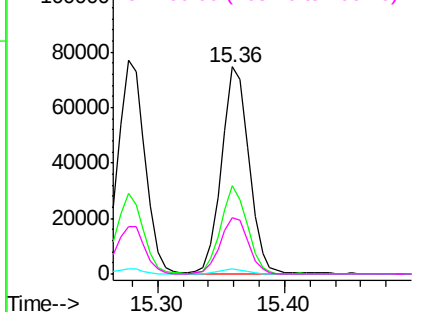
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

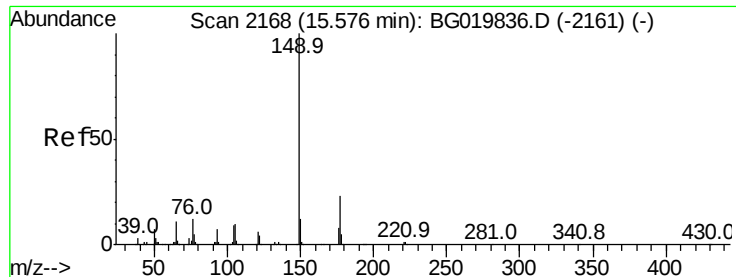


#58
2,3,4,6-Tetrachlorophenol
 Concen: 30.06 ng
 RT: 15.36 min Scan# 2131
 Delta R.T. -0.02 min
 Lab File: BG019948.D
 Acq: 5 Dec 2015 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	41.2	33.0	49.6	
130	2.2	2.0	3.0	
166	27.8	24.1	36.1	

Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E





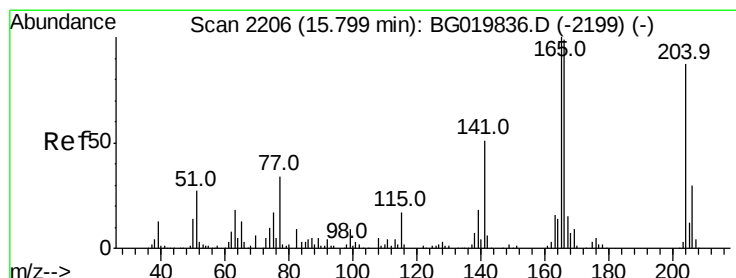
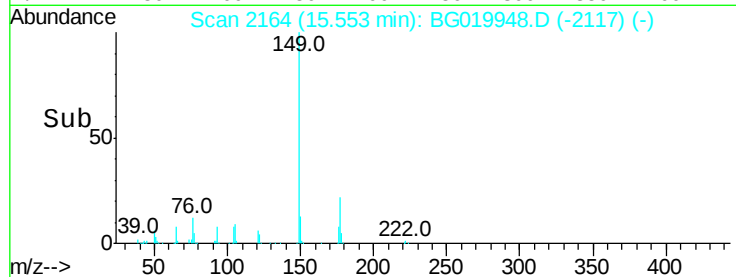
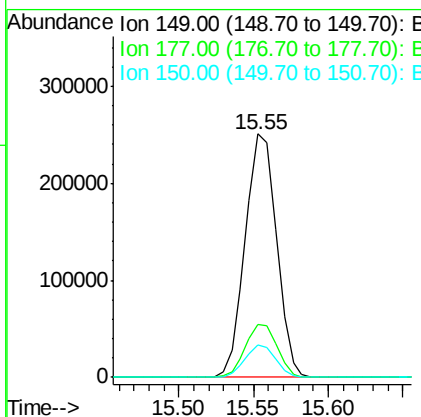
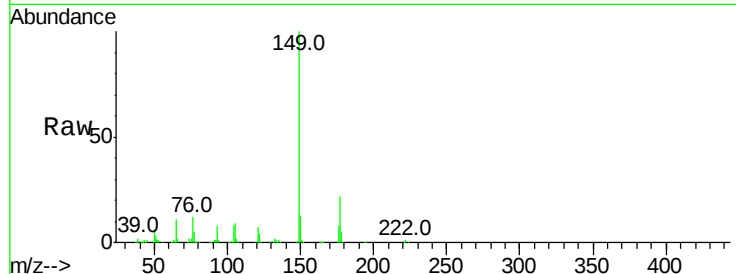
#59
Diethylphthalate
Concen: 24.71 ng
RT: 15.55 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG019948.D
Acq: 5 Dec 2015 18:56

Instrument :
BNA_G
ClientSampleId :
PB87019BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
177	22.0	19.6	29.4
150	13.1	10.2	15.2

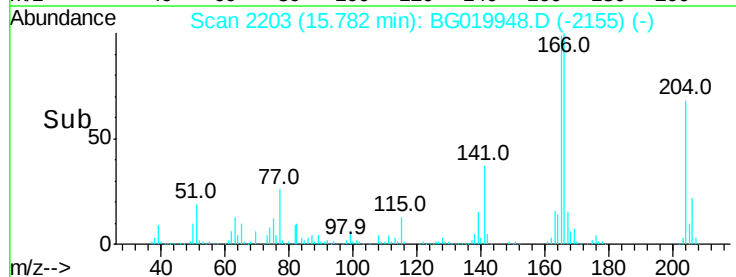
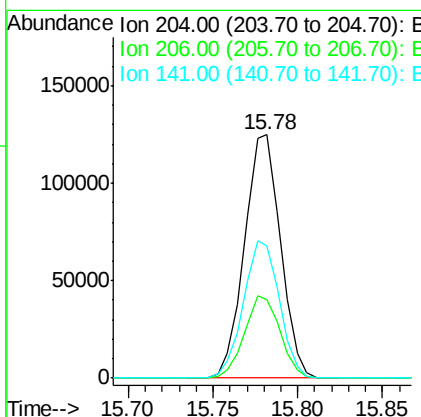
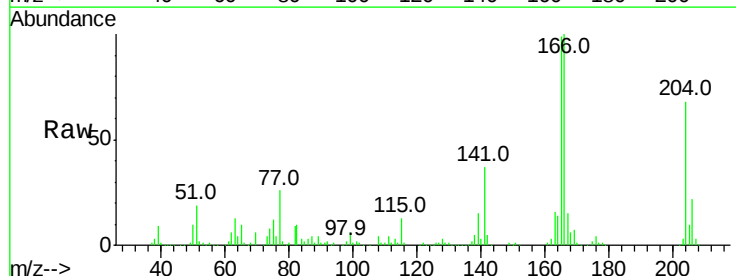
Manual Integrations
APPROVED

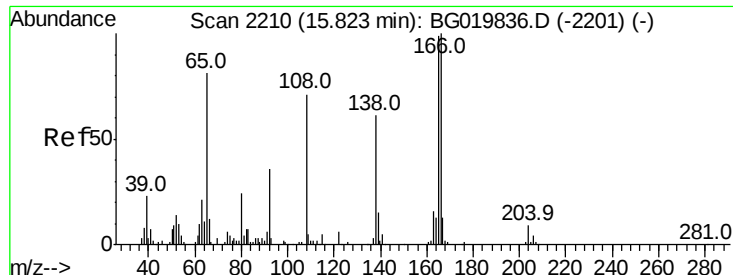
Mmdadoda
12/7/2015 6:31:43 PM



#60
4-Chlorophenyl-phenylether
Concen: 24.43 ng
RT: 15.78 min Scan# 2203
Delta R.T. -0.02 min
Lab File: BG019948.D
Acq: 5 Dec 2015 18:56

Tgt Ion	Ratio	Resp Lower	Upper
204	100		
206	32.3	28.3	42.5
141	54.4	44.0	66.0





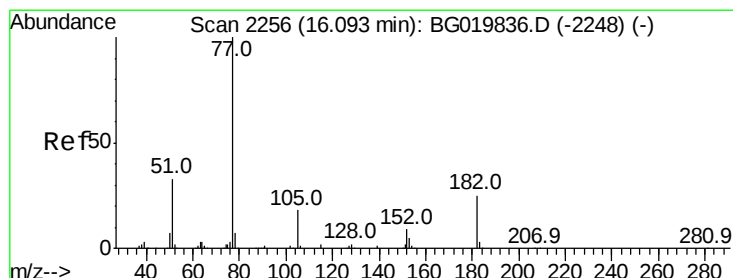
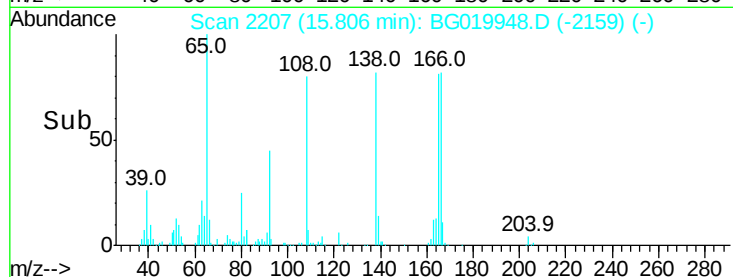
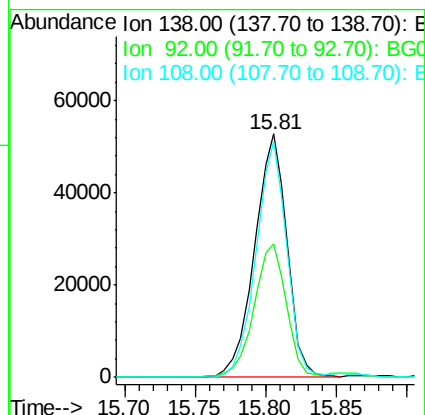
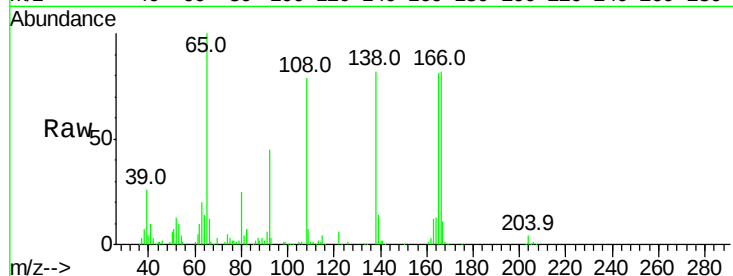
#61
4-Nitroaniline
Concen: 28.31 ng
RT: 15.81 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BG019948.D
Acq: 5 Dec 2015 18:56

Instrument :
BNA_G
ClientSampleId :
PB87019BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	54.9	29.1	69.1	
108	96.8	49.8	89.8	

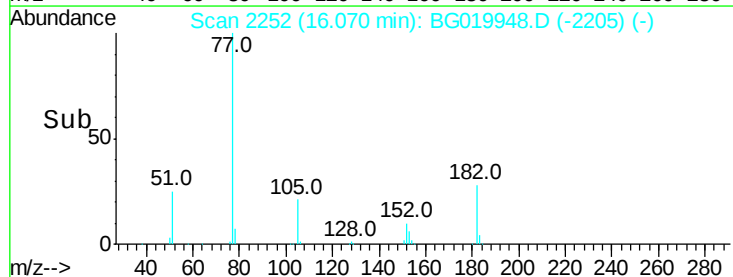
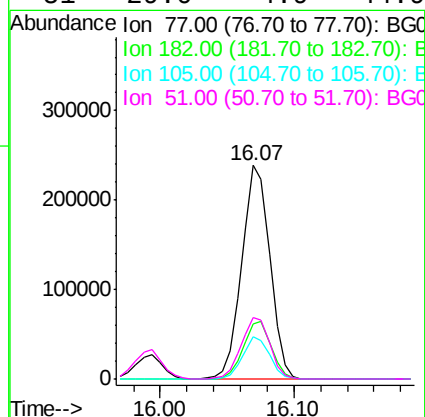
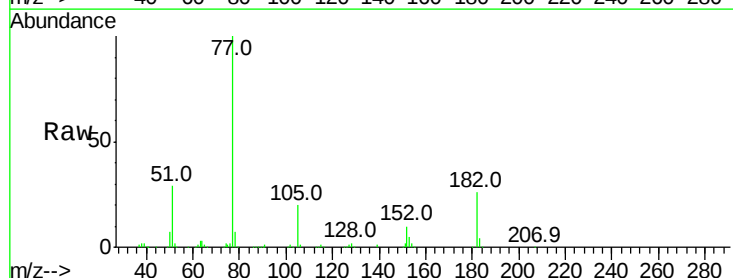
Manual Integrations
APPROVED

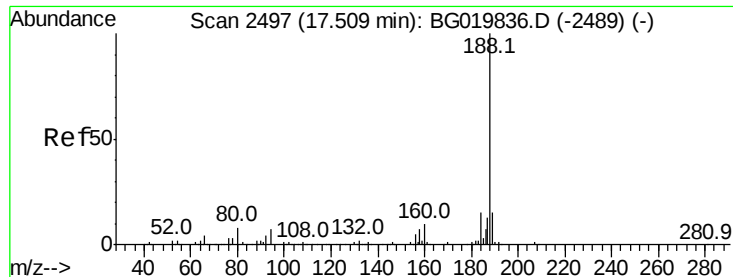
Mmdadoda
12/7/2015 6:31:43 PM



#62
Azobenzene
Concen: 28.22 ng
RT: 16.07 min Scan# 2252
Delta R.T. -0.02 min
Lab File: BG019948.D
Acq: 5 Dec 2015 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	26.1	7.0	47.0	
105	19.8	1.4	41.4	
51	29.0	4.9	44.9	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2493

Delta R.T. -0.02 min

Lab File: BG019948.D

Acq: 5 Dec 2015 18:56

Instrument :

BNA_G

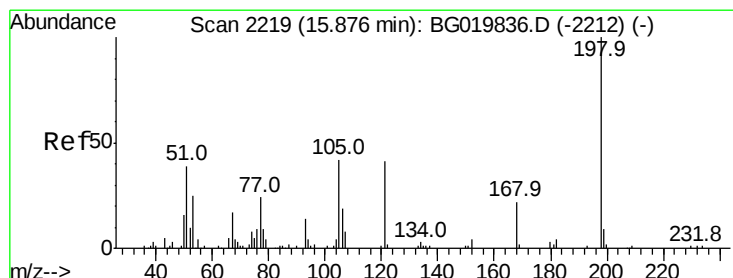
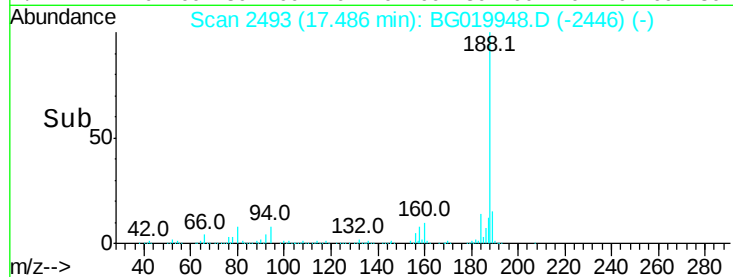
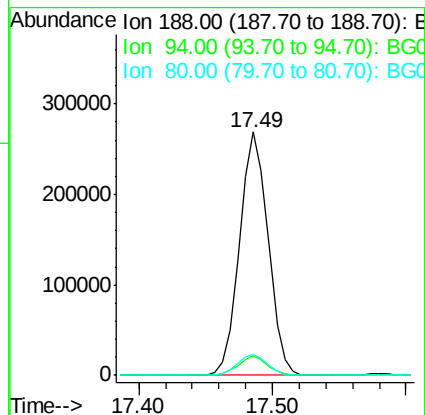
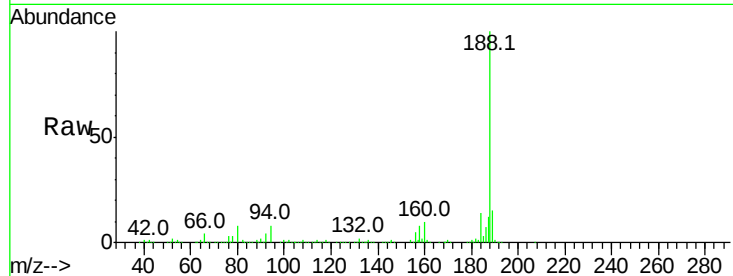
ClientSampleId :

PB87019BS

Tot Ion:	188	Resp:	396802
Ion Ratio	Lower	Upper	
188	100		
94	7.9	7.7	11.5
80	8.4	7.8	11.8

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:31:43 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 31.72 ng

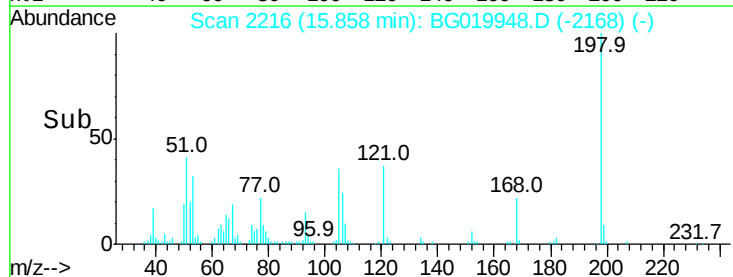
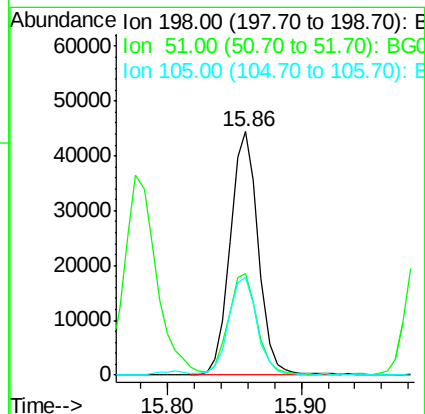
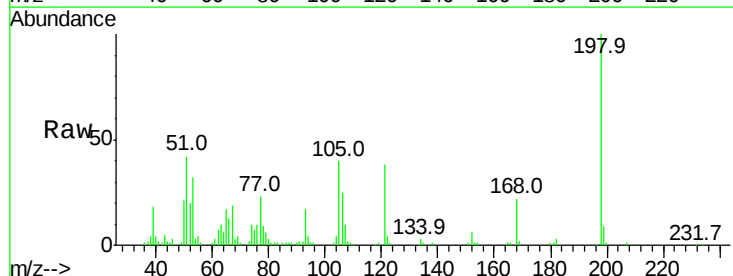
RT: 15.86 min Scan# 2216

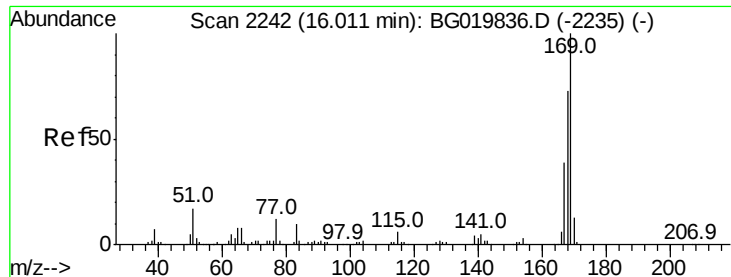
Delta R.T. -0.02 min

Lab File: BG019948.D

Acq: 5 Dec 2015 18:56

Tgt Ion:	198	Resp:	65414
Ion Ratio	Lower	Upper	
198	100		
51	41.6	14.2	54.2
105	40.2	21.1	61.1





#65

n-Nitrosodiphenylamine

Concen: 27.08 ng

RT: 15.99 min Scan# 2239

Delta R.T. -0.02 min

Lab File: BG019948.D

Acq: 5 Dec 2015 18:56

Instrument :

BNA_G

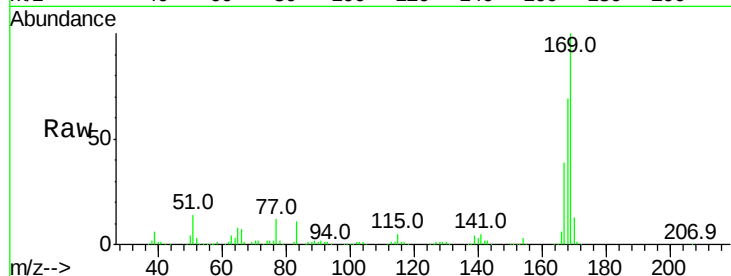
ClientSampleId :

PB87019BS

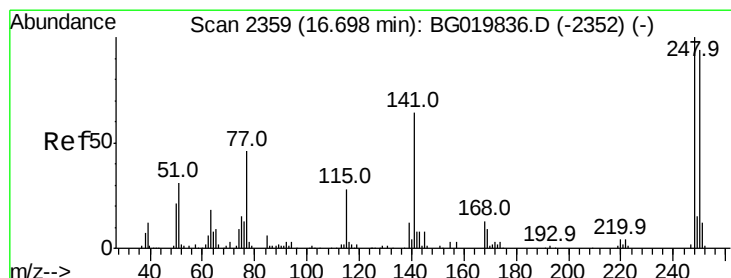
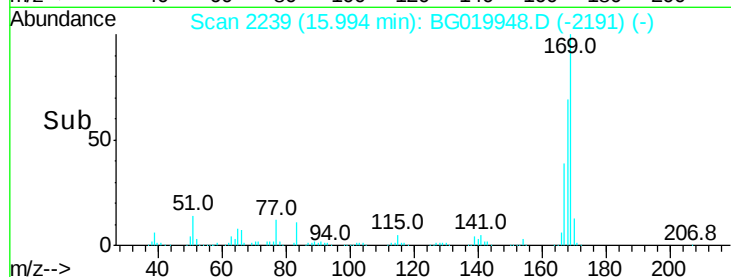
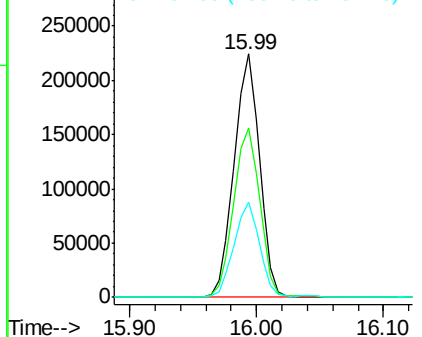
Tot Ion:	169	Resp:	310916
Ion Ratio	Lower	Upper	
169	100		
168	69.5	58.2	87.2
167	39.3	32.7	49.1

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:31:43 PM



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



#66

4-Bromophenyl-phenylether

Concen: 25.15 ng

RT: 16.68 min Scan# 2355

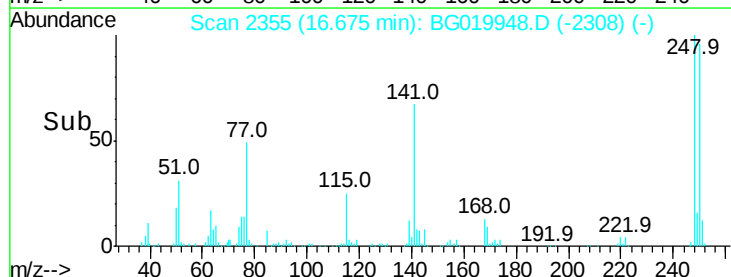
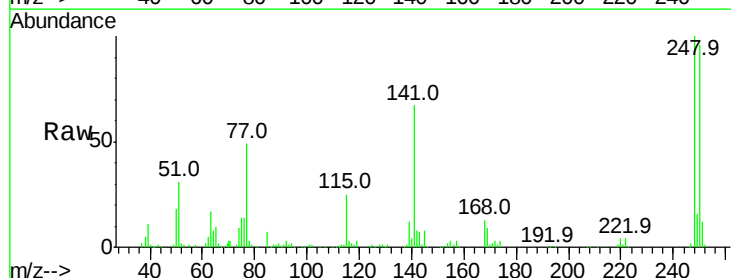
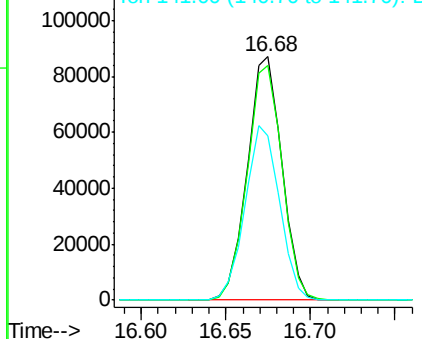
Delta R.T. -0.02 min

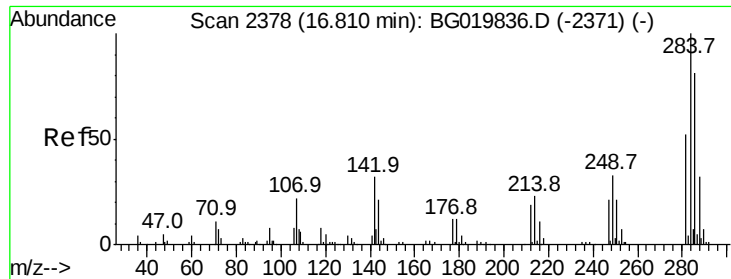
Lab File: BG019948.D

Acq: 5 Dec 2015 18:56

Tgt Ion:	248	Resp:	124018
Ion Ratio	Lower	Upper	
248	100		
250	96.4	77.8	116.8
141	67.2	50.4	75.6

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





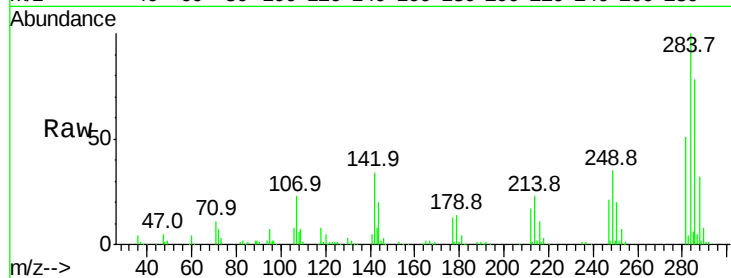
#67
Hexachlorobenzene
Concen: 26.57 ng
RT: 16.79 min Scan# 2374
Delta R.T. -0.02 min
Lab File: BG019948.D
Acq: 5 Dec 2015 18:56

Instrument :
BNA_G
ClientSampleId :
PB87019BS

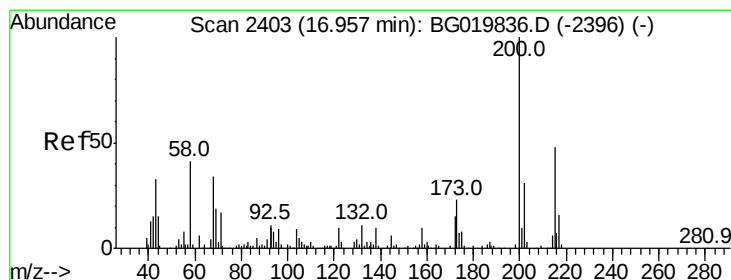
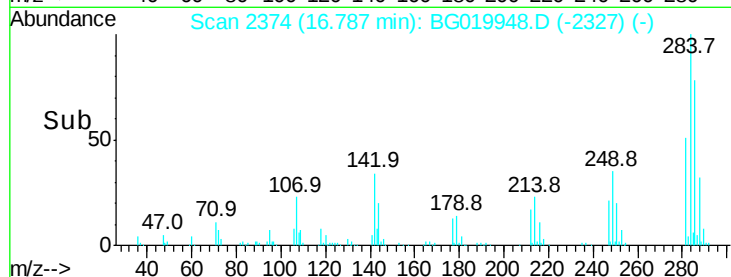
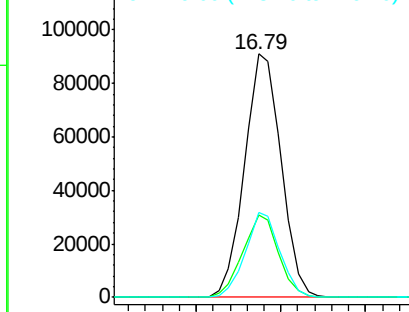
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	33.8	26.6	39.8	
249	34.7	26.2	39.2	

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:31:43 PM

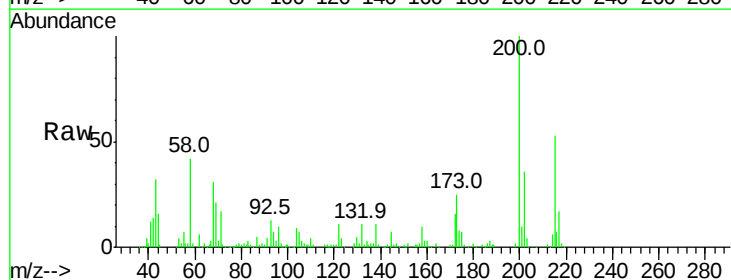


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

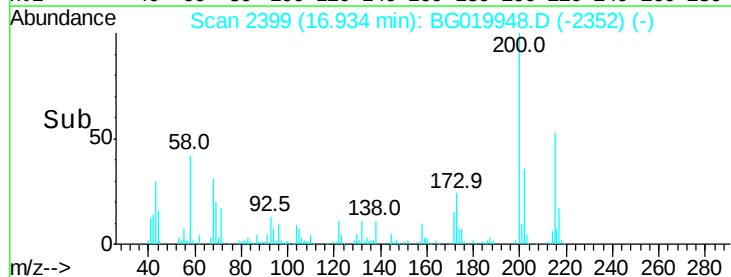
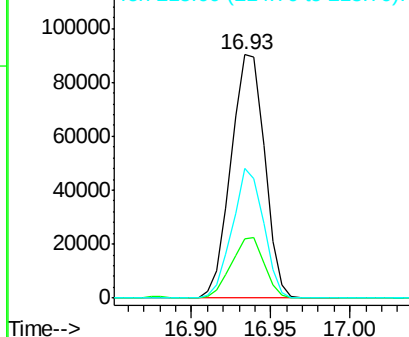


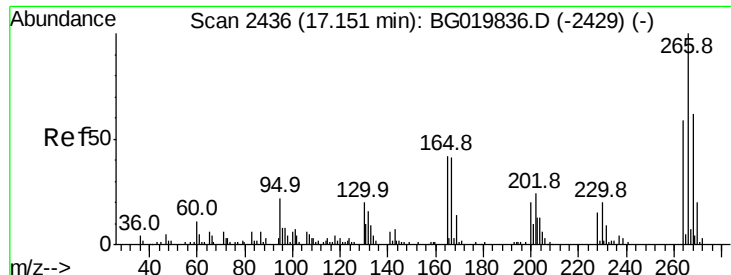
#68
Atrazine
Concen: 26.66 ng
RT: 16.93 min Scan# 2399
Delta R.T. -0.02 min
Lab File: BG019948.D
Acq: 5 Dec 2015 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	24.6	5.2	45.2	
215	53.3	27.0	67.0	



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





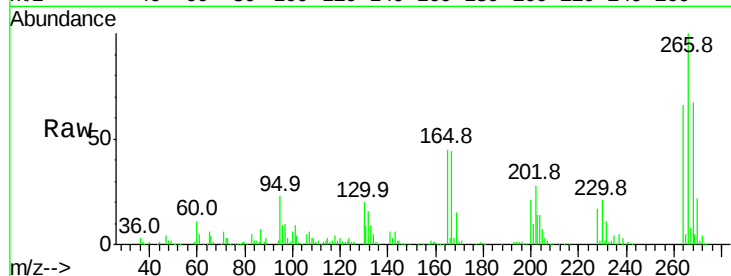
#69
 Pentachlorophenol
 Concen: 58.21 ng
 RT: 17.13 min Scan# 2433
 Delta R.T. -0.02 min
 Lab File: BG019948.D
 Acq: 5 Dec 2015 18:56

Instrument :
 BNA_G
 ClientSampleId :
 PB87019BS

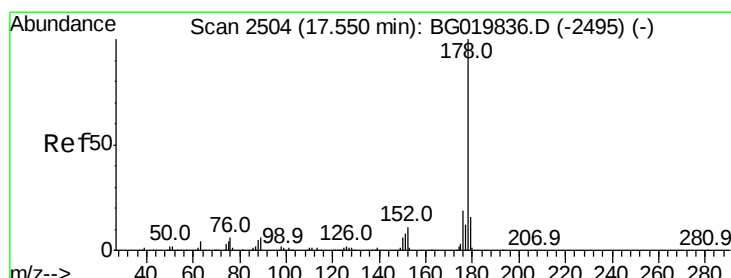
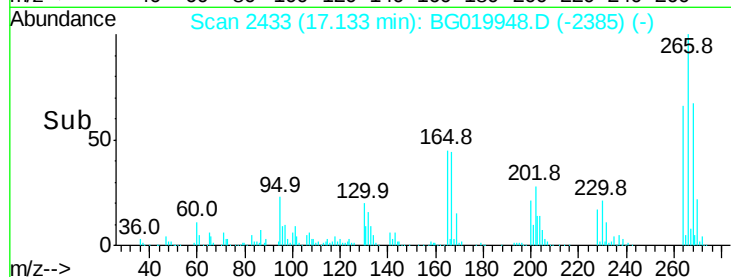
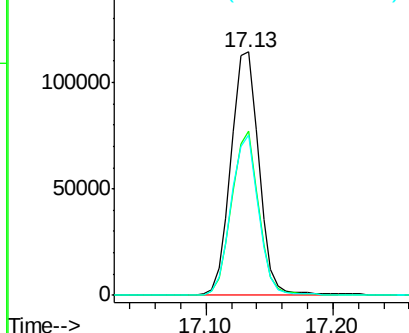
Tot Ion	Ratio	Resp	Lower	Upper
266	100	174499		
268	67.5	47.6	71.4	
264	66.1	48.1	72.1	

Manual Integrations
 APPROVED

Mmdadoda
 12/7/2015 6:31:43 PM

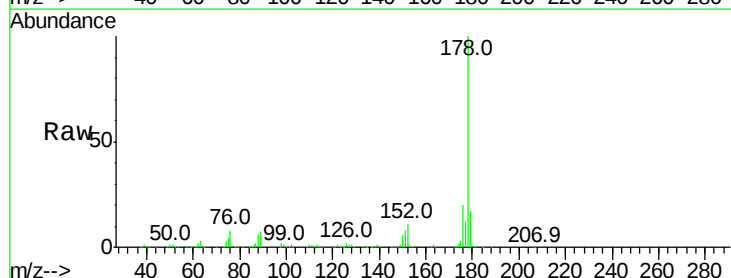


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

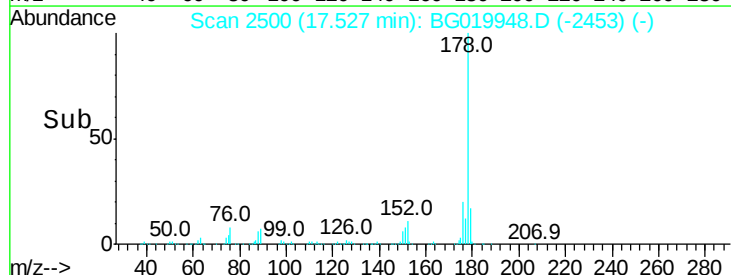
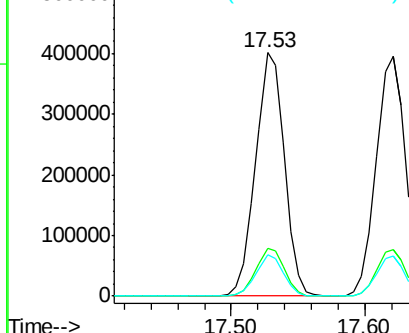


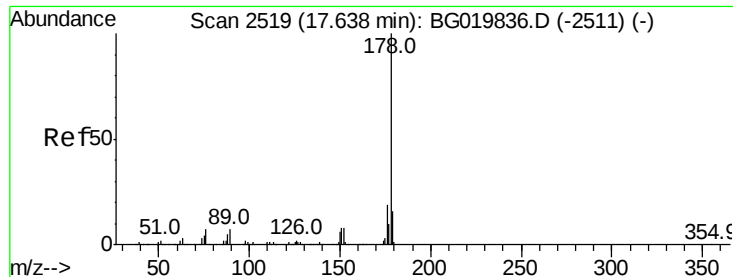
#70
 Phenanthrene
 Concen: 26.57 ng
 RT: 17.53 min Scan# 2500
 Delta R.T. -0.02 min
 Lab File: BG019948.D
 Acq: 5 Dec 2015 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	596618		
176	19.7	16.7	25.1	
179	16.8	13.9	20.9	



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





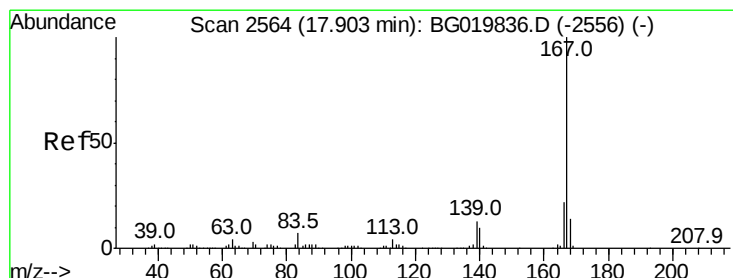
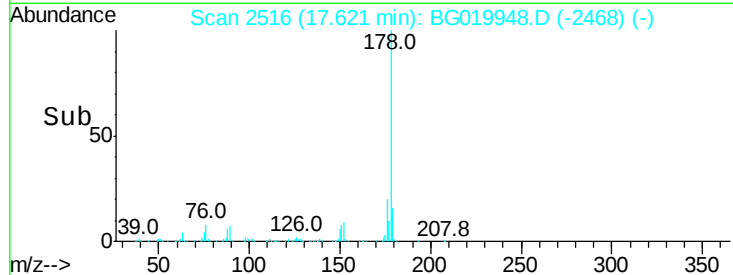
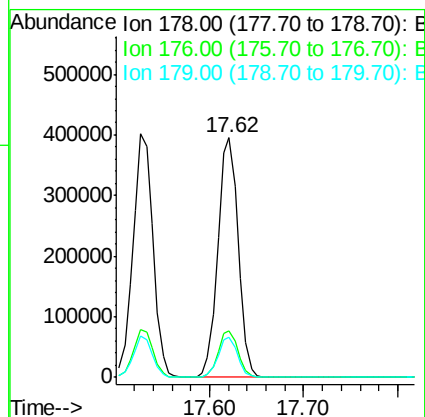
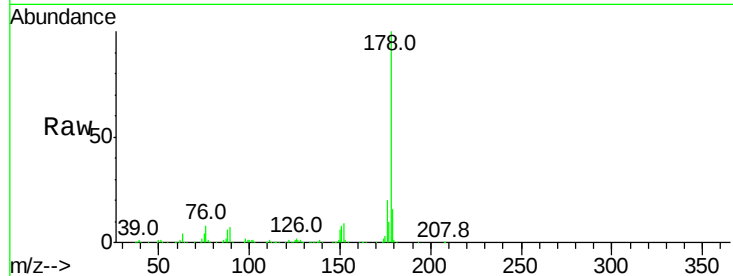
#71
 Anthracene
 Concen: 26.21 ng
 RT: 17.62 min Scan# 2516
 Delta R.T. -0.02 min
 Lab File: BG019948.D
 Acq: 5 Dec 2015 18:56

Instrument :
 BNA_G
 ClientSampleId :
 PB87019BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.8	25.2
179	16.5	13.9	20.9

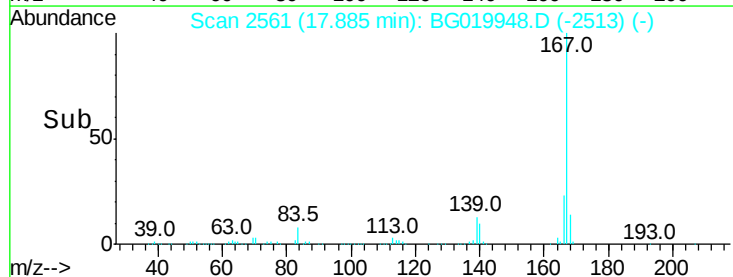
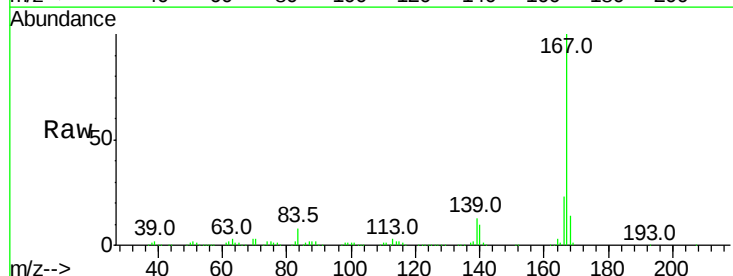
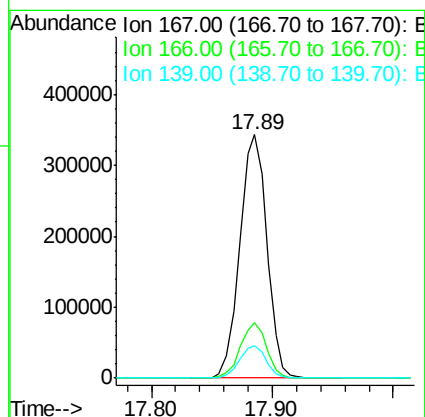
Manual Integrations
 APPROVED

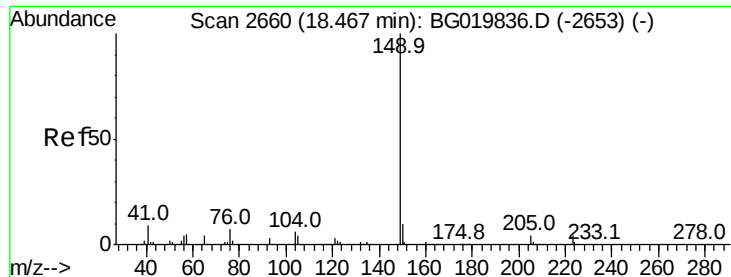
Mmdadoda
 12/7/2015 6:31:43 PM



#72
 Carbazole
 Concen: 26.71 ng
 RT: 17.89 min Scan# 2561
 Delta R.T. -0.02 min
 Lab File: BG019948.D
 Acq: 5 Dec 2015 18:56

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.0	19.0	28.6
139	13.5	10.2	15.4





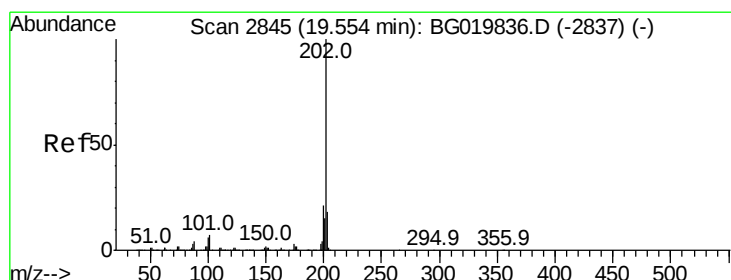
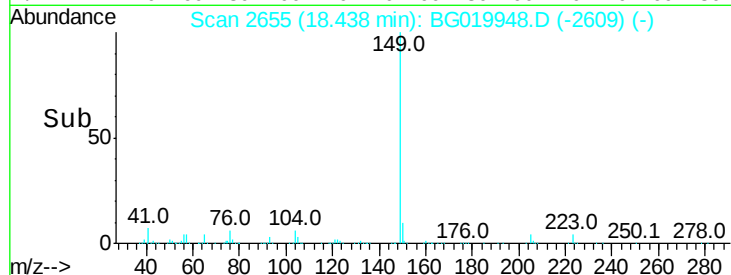
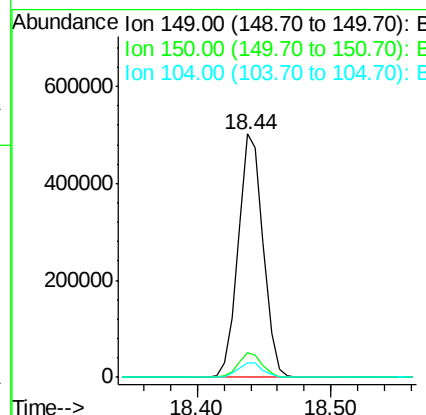
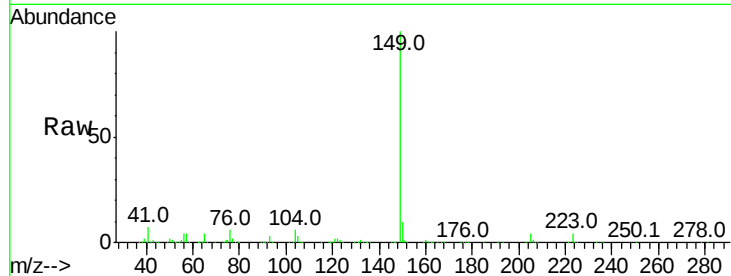
#73
Di-n-butylphthalate
Concen: 26.31 ng
RT: 18.44 min Scan# 2655
Delta R.T. -0.03 min
Lab File: BG019948.D
Acq: 5 Dec 2015 18:56

Instrument :
BNA_G
ClientSampleId :
PB87019BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	649611		
150	10.2		8.2	12.4
104	6.0		4.4	6.6

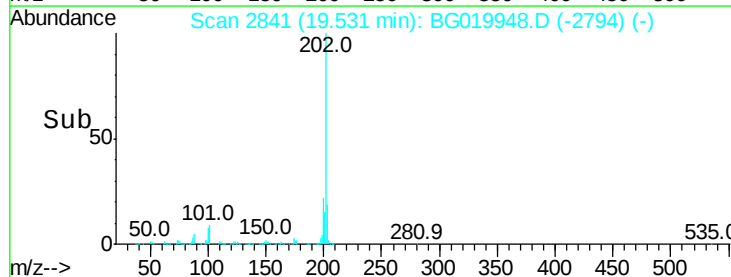
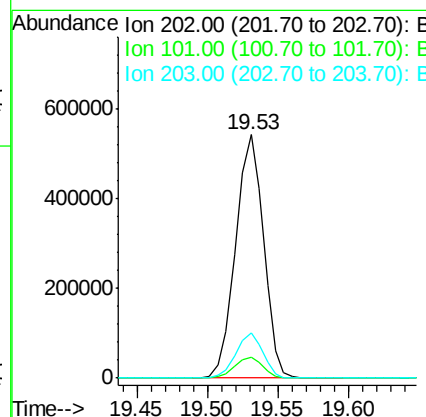
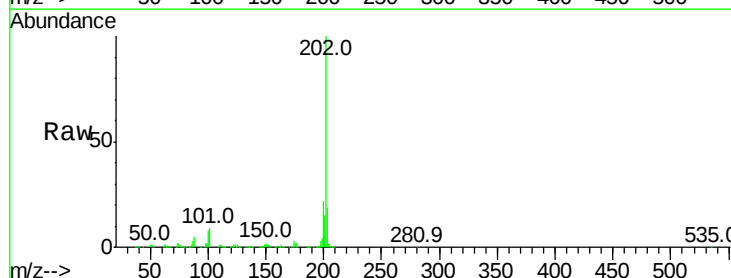
Manual Integrations
APPROVED

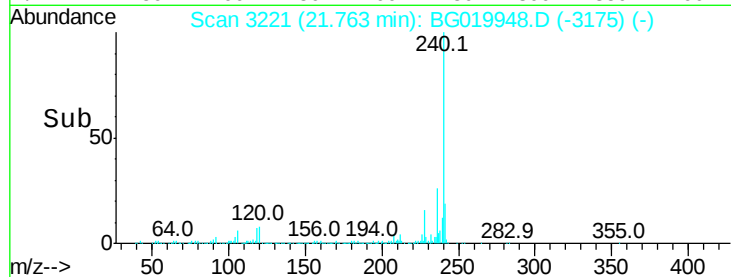
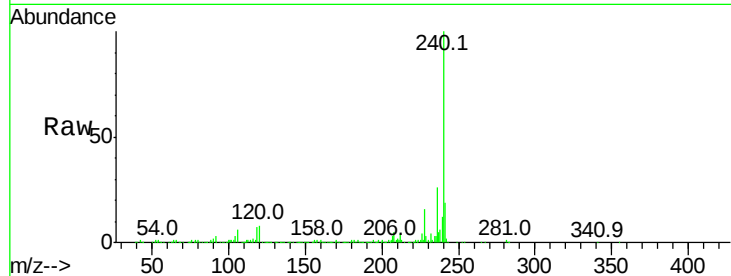
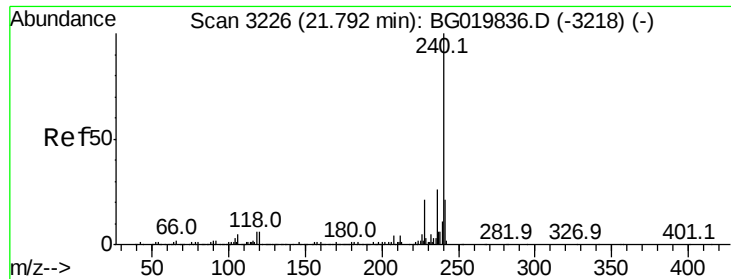
Mmdadoda
12/7/2015 6:31:43 PM



#74
Fluoranthene
Concen: 25.98 ng
RT: 19.53 min Scan# 2841
Delta R.T. -0.02 min
Lab File: BG019948.D
Acq: 5 Dec 2015 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	746072		
101	8.5		0.0	32.4
203	18.6		0.0	39.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3221

Delta R.T. -0.03 min

Lab File: BG019948.D

Acq: 5 Dec 2015 18:56

Tot Ion:	240	Resp:	484731
Ion Ratio	Lower	Upper	
240	100		
120	7.6	7.4	11.0
236	25.6	20.7	31.1

Instrument :

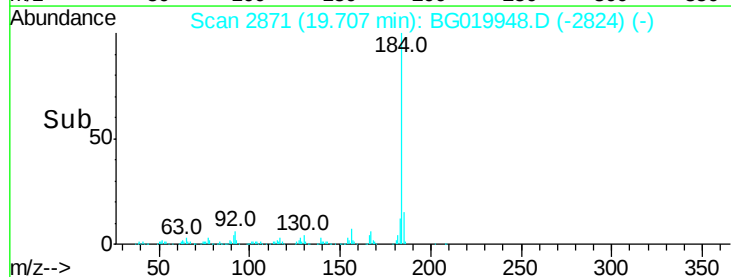
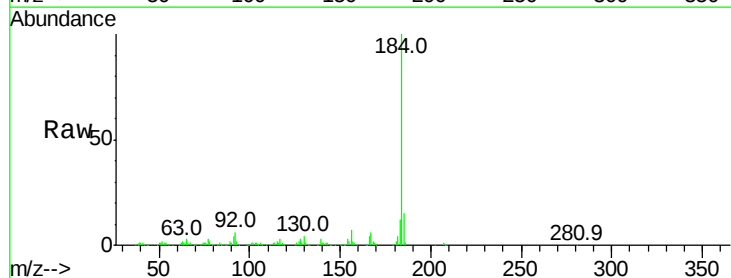
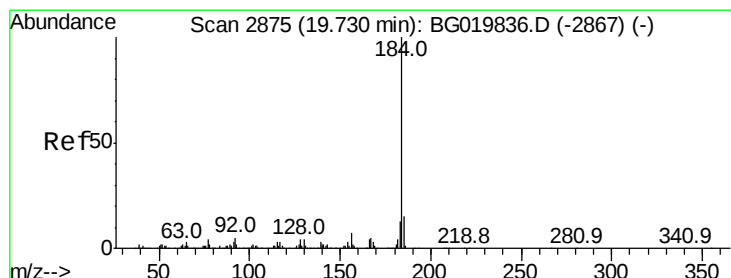
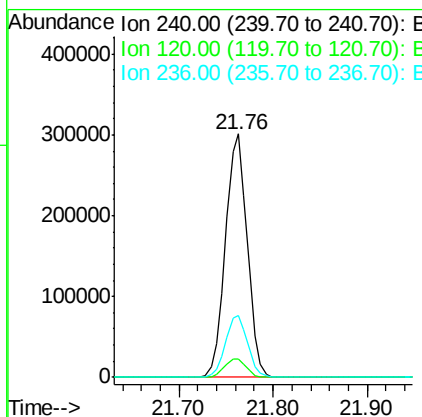
BNA_G

ClientSampleId :

PB87019BS

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:31:43 PM



#76

Benzidine

Concen: 16.14 ng

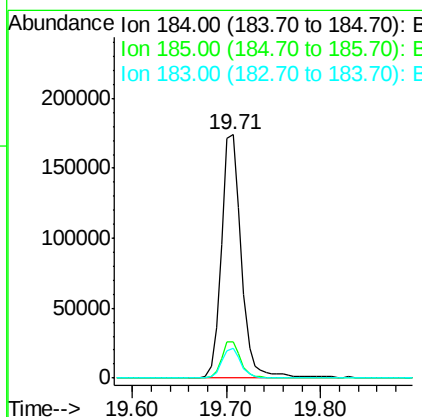
RT: 19.71 min Scan# 2871

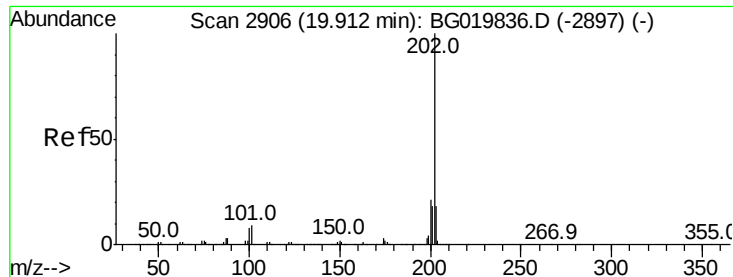
Delta R.T. -0.02 min

Lab File: BG019948.D

Acq: 5 Dec 2015 18:56

Tgt Ion:	184	Resp:	256982
Ion Ratio	Lower	Upper	
184	100		
185	15.1	13.4	20.2
183	12.3	10.1	15.1





#77

Pvrene

Concen: 27.01 ng

RT: 19.89 min Scan# 2902

Delta R.T. -0.02 min

Lab File: BG019948.D

Acq: 5 Dec 2015 18:56

Instrument :

BNA_G

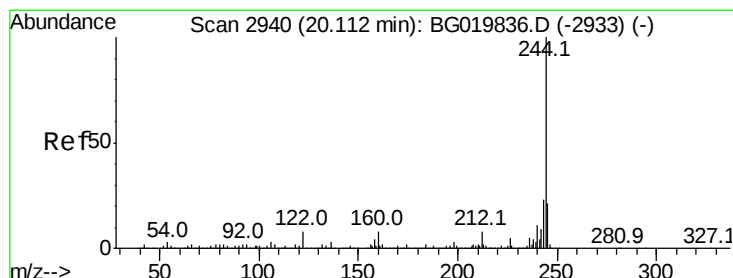
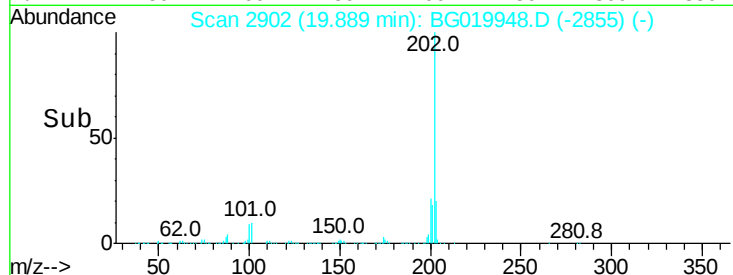
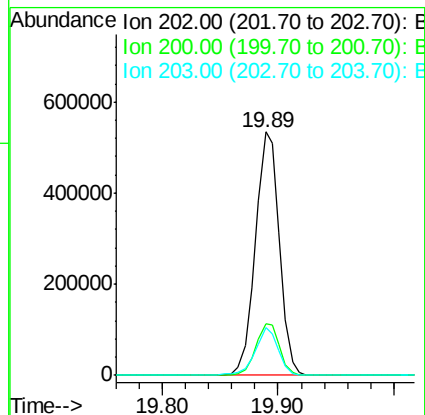
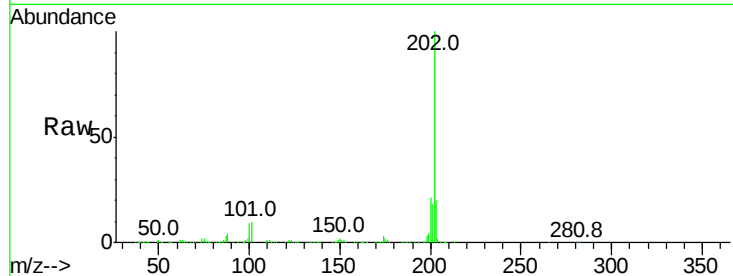
ClientSampleId :

PB87019BS

Tot Ion:	202	Resp:	770145
Ion Ratio		Lower	Upper
202	100		
200	21.2	19.4	29.0
203	19.5	15.5	23.3

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:31:43 PM



#78

Terphenyl-d14

Concen: 47.49 ng

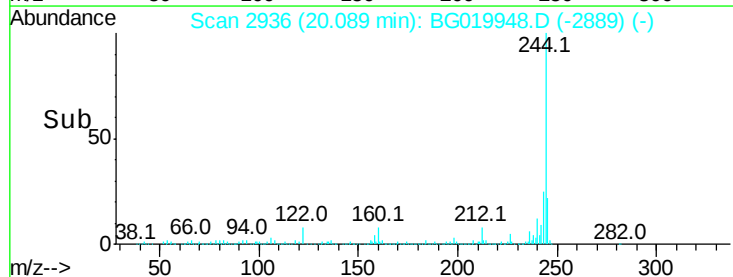
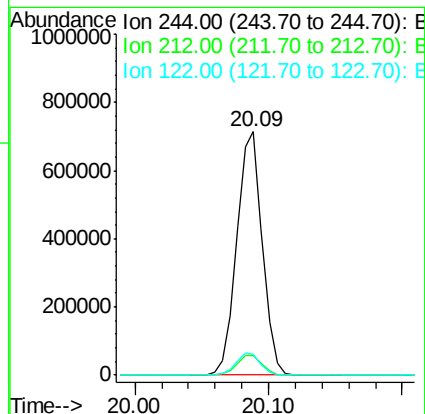
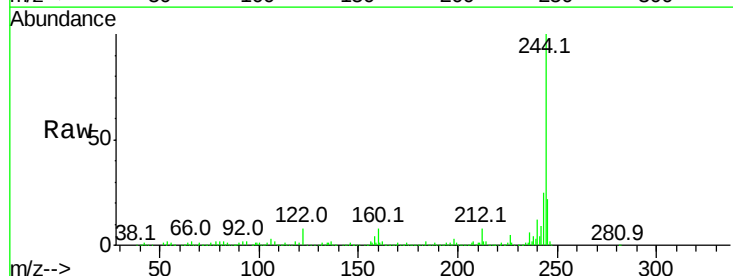
RT: 20.09 min Scan# 2936

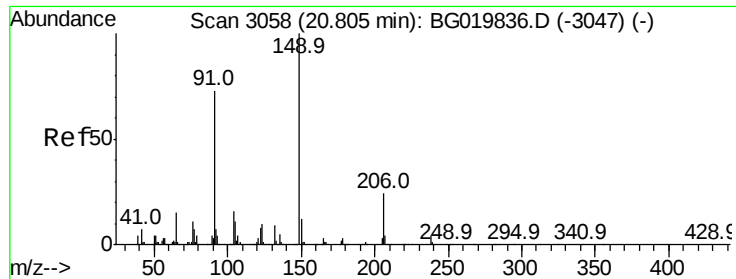
Delta R.T. -0.02 min

Lab File: BG019948.D

Acq: 5 Dec 2015 18:56

Tgt Ion:	244	Resp:	943786
Ion Ratio		Lower	Upper
244	100		
212	8.3	6.9	10.3
122	8.4	10.2	15.2#





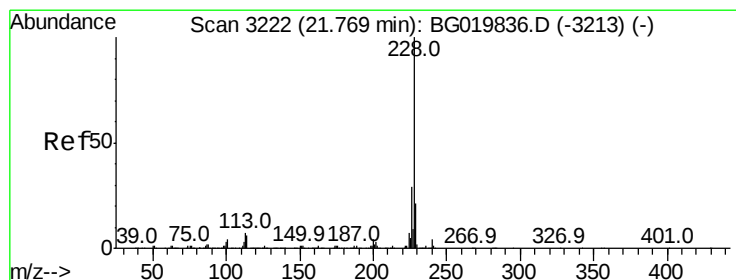
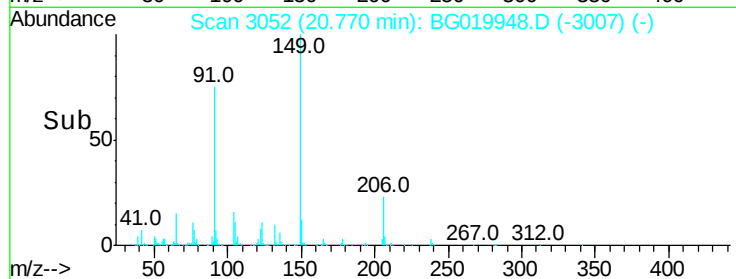
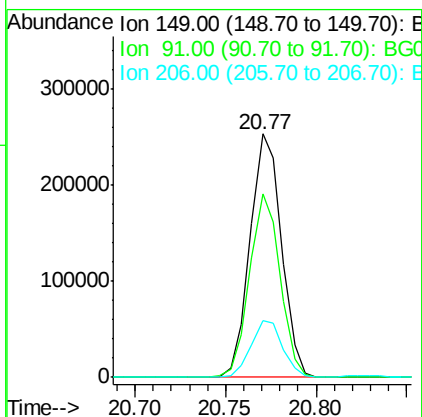
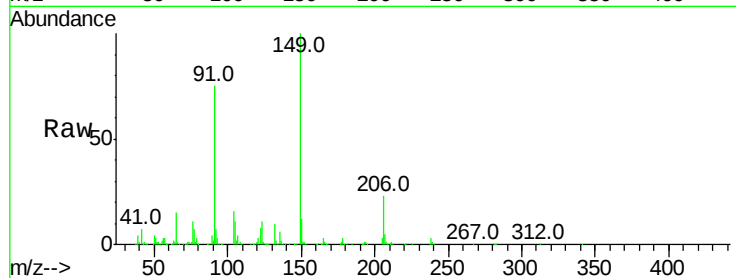
#79
Butylbenzylphthalate
Concen: 27.28 ng
RT: 20.77 min Scan# 3052
Delta R.T. -0.03 min
Lab File: BG019948.D
Acq: 5 Dec 2015 18:56

Instrument :
BNA_G
ClientSampleId :
PB87019BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	304871		
91	75.2	58.1	87.1	
206	23.3	17.8	26.8	

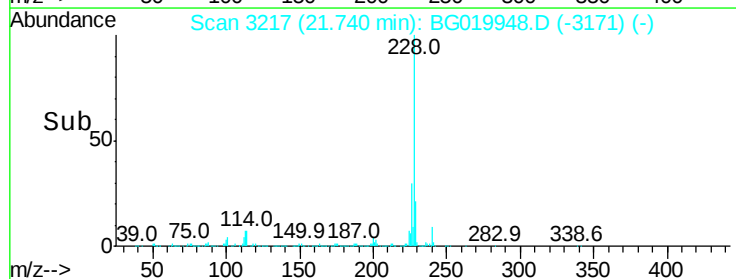
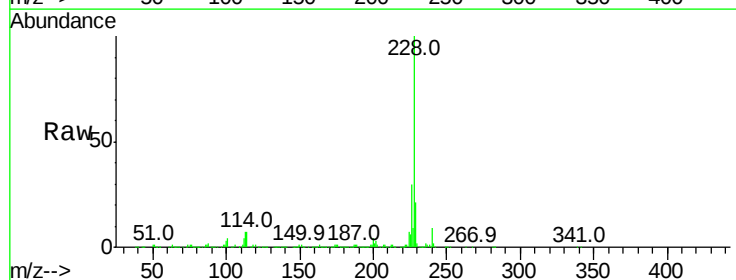
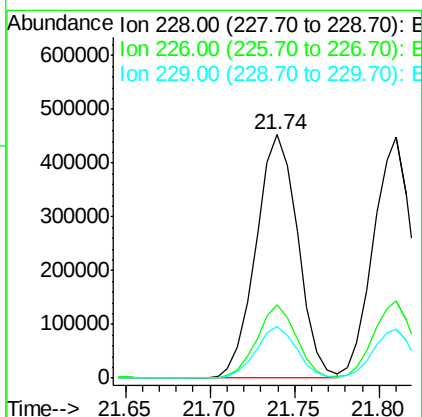
Manual Integrations
APPROVED

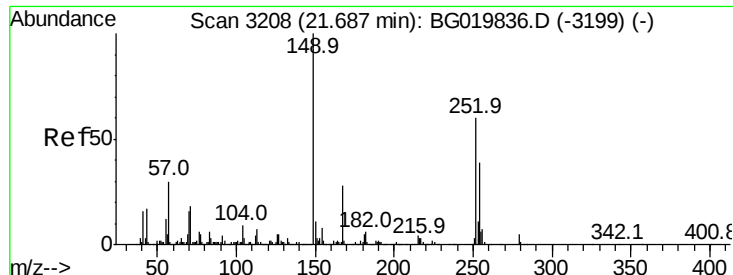
Mmdadoda
12/7/2015 6:31:43 PM



#80
Benzo(a)anthracene
Concen: 26.34 ng
RT: 21.74 min Scan# 3217
Delta R.T. -0.03 min
Lab File: BG019948.D
Acq: 5 Dec 2015 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	781589		
226	30.0	23.4	35.0	
229	21.0	16.6	25.0	





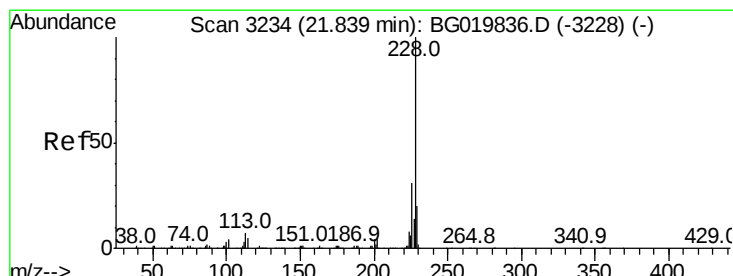
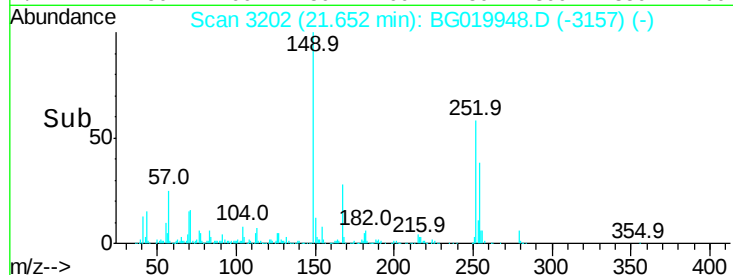
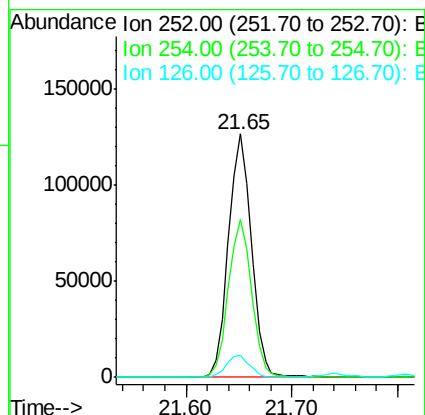
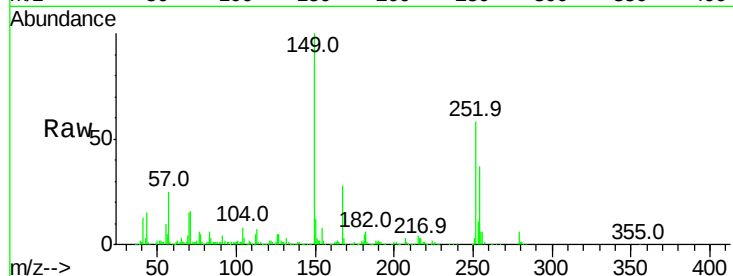
#81
 3,3'-Dichlorobenzidine
 Concen: 16.91 ng
 RT: 21.65 min Scan# 3202
 Delta R.T. -0.03 min
 Lab File: BG019948.D
 Acq: 5 Dec 2015 18:56

Instrument :
 BNA_G
 ClientSampleId :
 PB87019BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	191133		
254	64.7	52.5	78.7	
126	9.2	8.5	12.7	

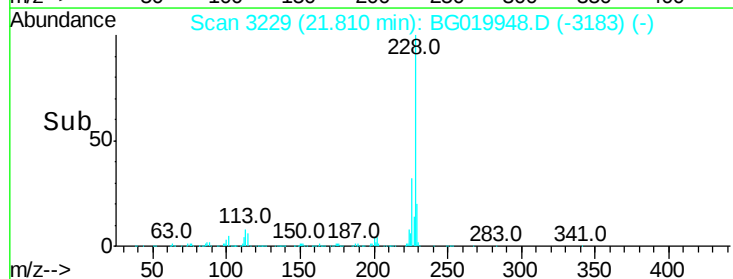
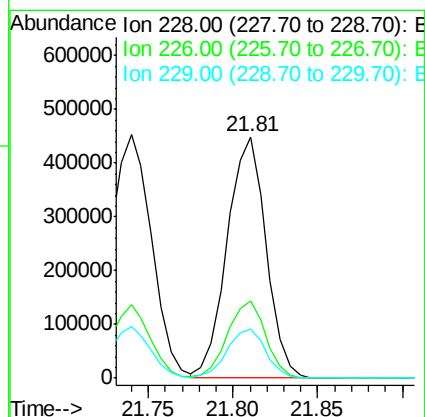
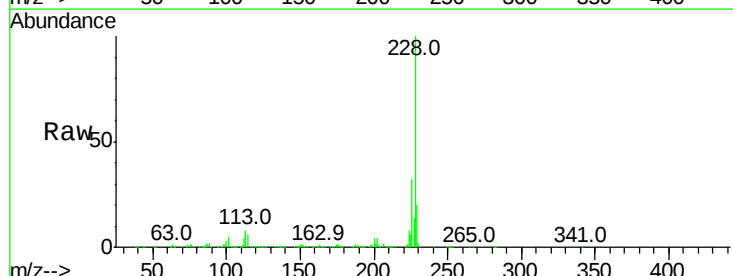
Manual Integrations
 APPROVED

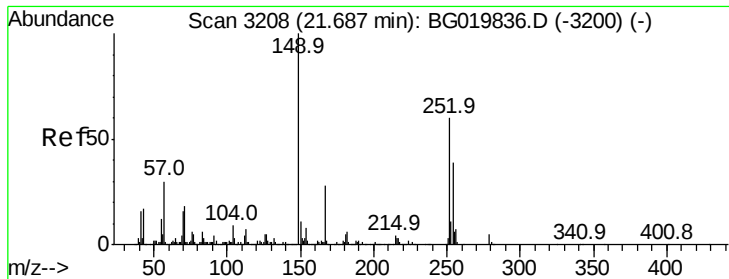
Mmdadoda
 12/7/2015 6:31:43 PM



#82
 Chrysene
 Concen: 25.40 ng
 RT: 21.81 min Scan# 3229
 Delta R.T. -0.03 min
 Lab File: BG019948.D
 Acq: 5 Dec 2015 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	715660		
226	32.0	26.7	40.1	
229	20.3	17.0	25.6	





#83

Bis(2-ethylhexyl)phthalate

Concen: 26.58 ng

RT: 21.65 min Scan# 3201

Delta R.T. -0.04 min

Lab File: BG019948.D

Acq: 5 Dec 2015 18:56

Instrument :

BNA_G

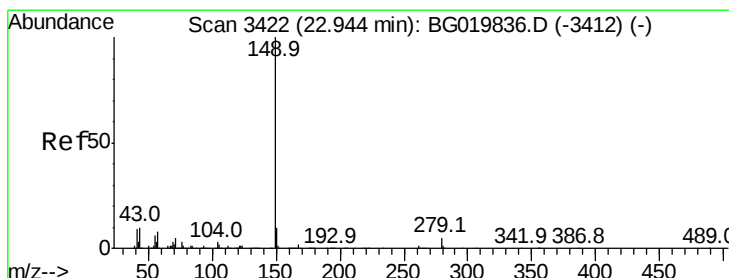
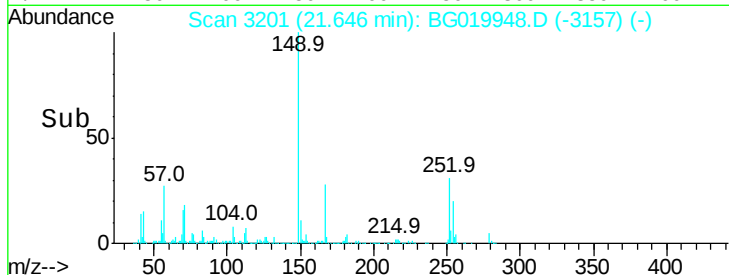
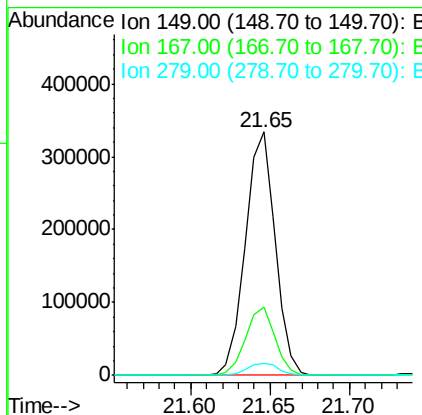
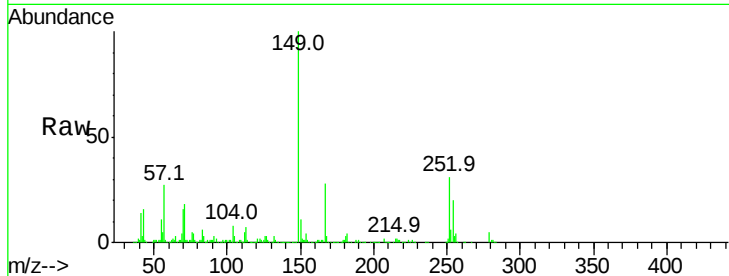
ClientSampleId :

PB87019BS

Tot Ion:	149	Resp:	435988
Ion Ratio	Lower	Upper	
149	100		
167	28.3	23.8	35.8
279	4.9	3.4	5.2

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:31:43 PM



#84

Di-n-octyl phthalate

Concen: 27.93 ng

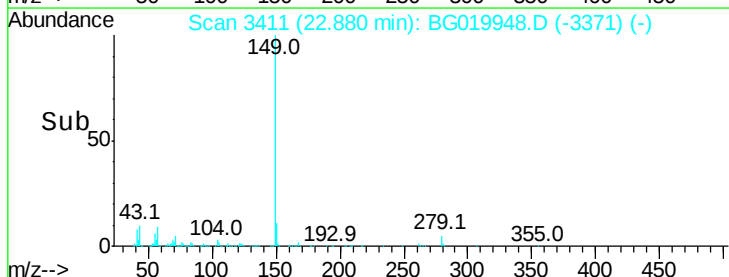
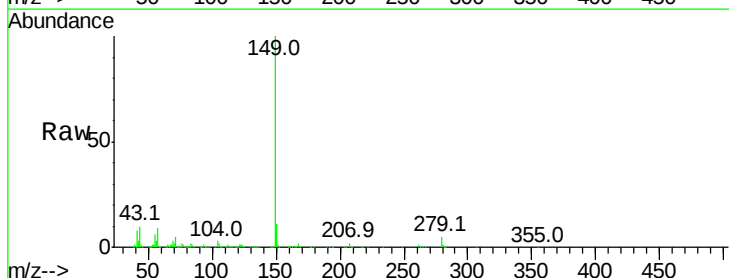
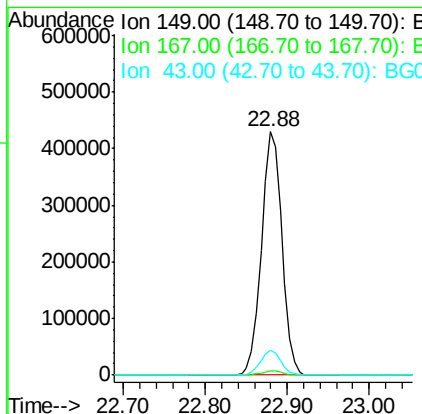
RT: 22.88 min Scan# 3411

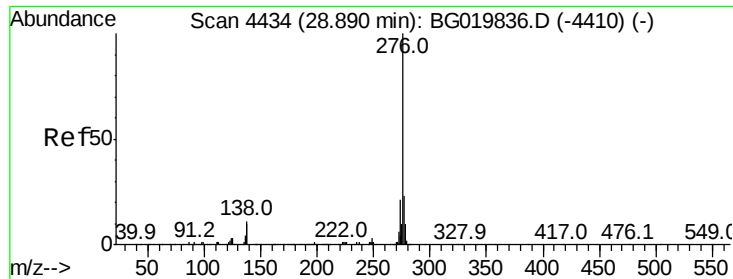
Delta R.T. -0.06 min

Lab File: BG019948.D

Acq: 5 Dec 2015 18:56

Tgt Ion:	149	Resp:	744844
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.2	1.8
43	10.1	5.9	8.9#





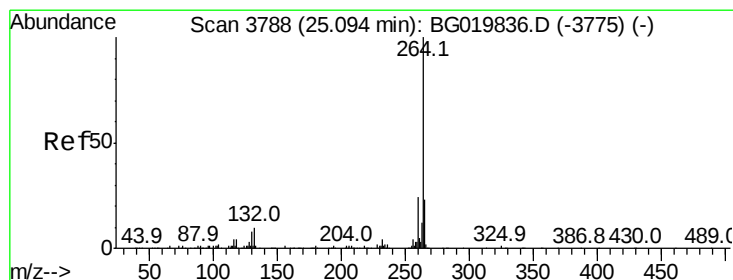
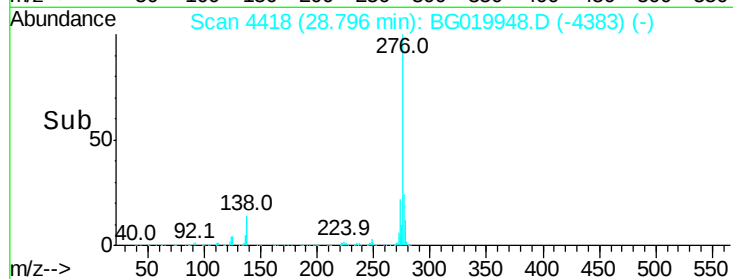
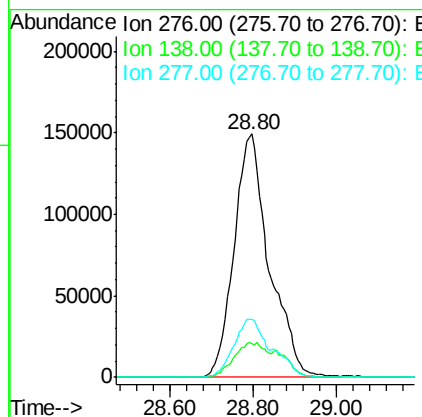
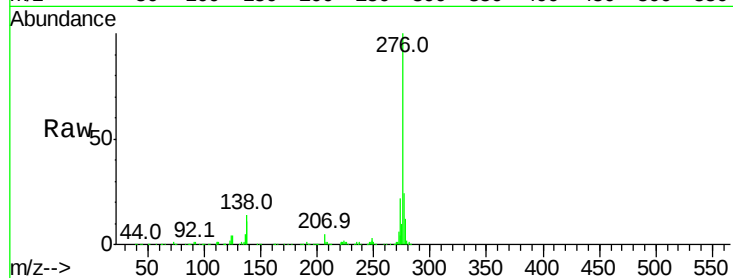
#85
Indeno(1,2,3-cd)pyrene
Concen: 28.31 ng
RT: 28.80 min Scan# 4418
Delta R.T. -0.09 min
Lab File: BG019948.D
Acq: 5 Dec 2015 18:56

Instrument :
BNA_G
ClientSampleId :
PB87019BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	13.2	0.0	0.0#
277	25.4	0.0	0.0#

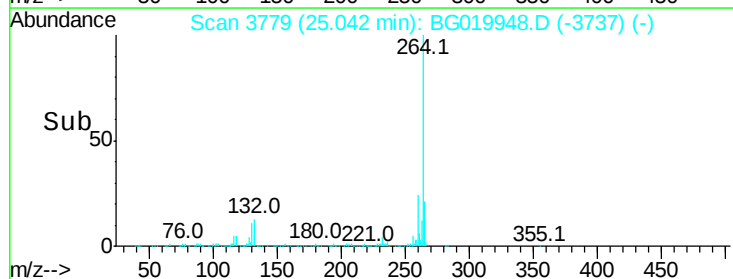
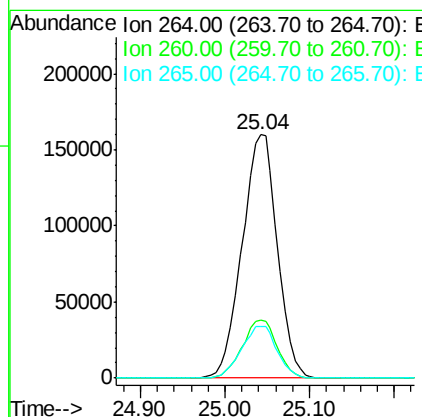
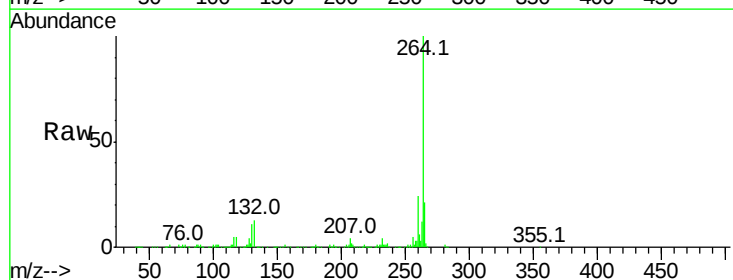
Manual Integrations
APPROVED

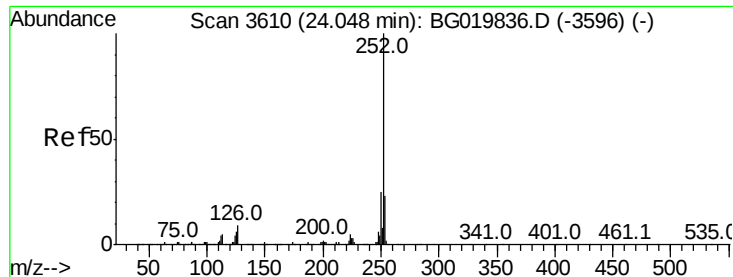
Mmdadoda
12/7/2015 6:31:43 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.04 min Scan# 3779
Delta R.T. -0.05 min
Lab File: BG019948.D
Acq: 5 Dec 2015 18:56

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	24.0	18.5	27.7
265	21.0	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 26.21 ng

RT: 24.00 min Scan# 3601

Delta R.T. -0.05 min

Lab File: BG019948.D

Acq: 5 Dec 2015 18:56

Instrument :

BNA_G

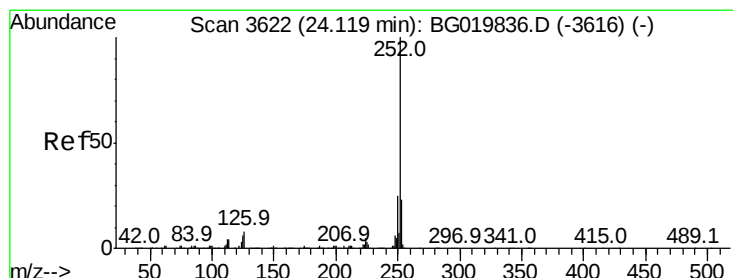
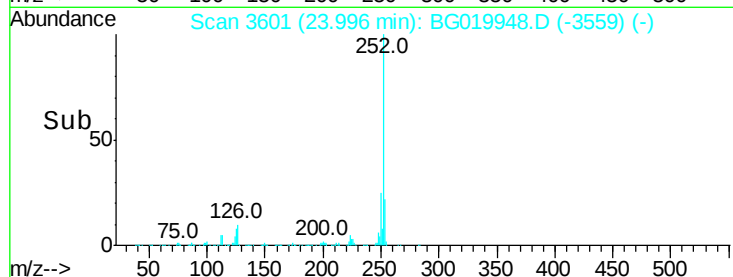
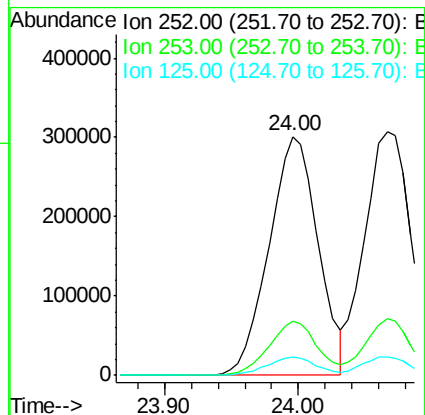
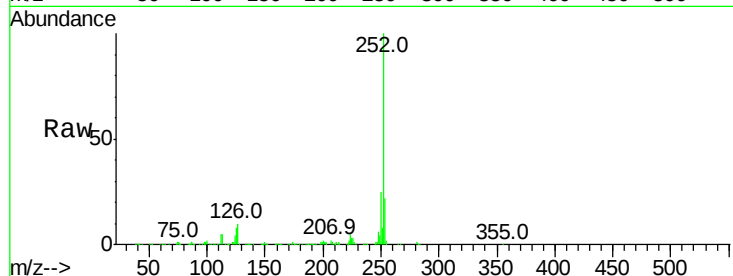
ClientSampleId :

PB87019BS

Tot Ion:	252	Resp:	767592
Ion Ratio	Lower	Upper	
252	100		
253	22.5	19.1	28.7
125	7.8	8.9	13.3#

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:31:43 PM



#88

Benzo(k)fluoranthene

Concen: 25.43 ng

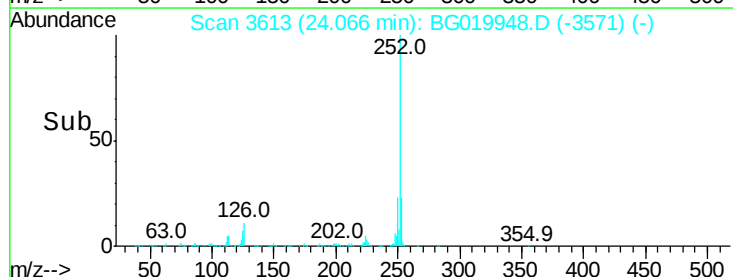
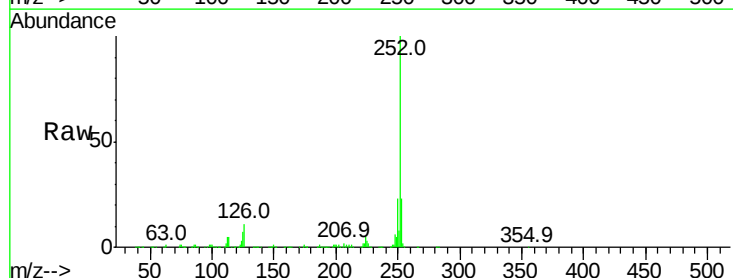
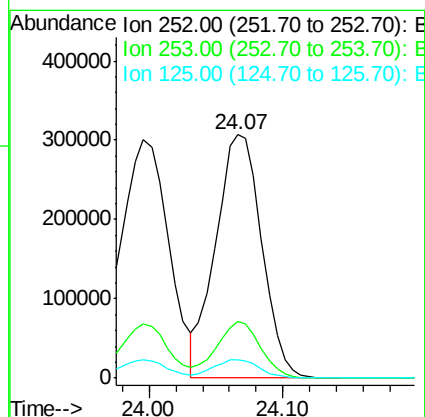
RT: 24.07 min Scan# 3613

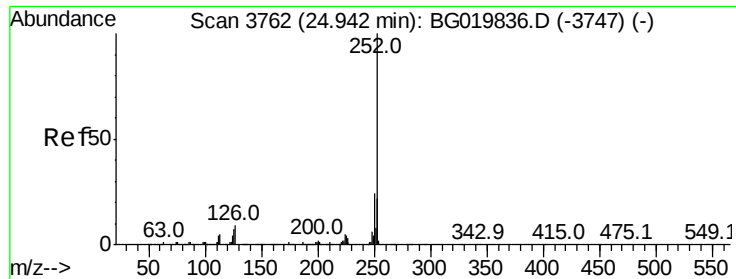
Delta R.T. -0.05 min

Lab File: BG019948.D

Acq: 5 Dec 2015 18:56

Tgt Ion:	252	Resp:	737622
Ion Ratio	Lower	Upper	
252	100		
253	23.1	19.0	28.4
125	7.3	8.9	13.3#





#89

Benzo(a)pyrene

Concen: 26.85 ng

RT: 24.89 min Scan# 3753

Delta R.T. -0.05 min

Lab File: BG019948.D

Acq: 5 Dec 2015 18:56

Instrument :

BNA_G

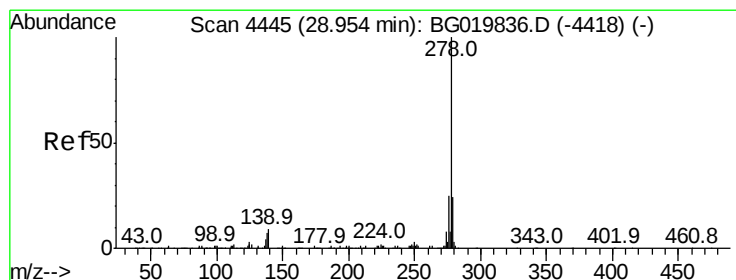
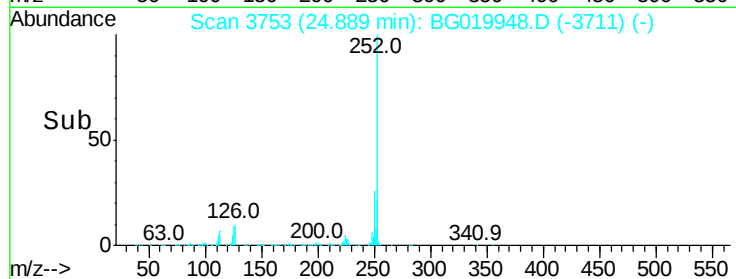
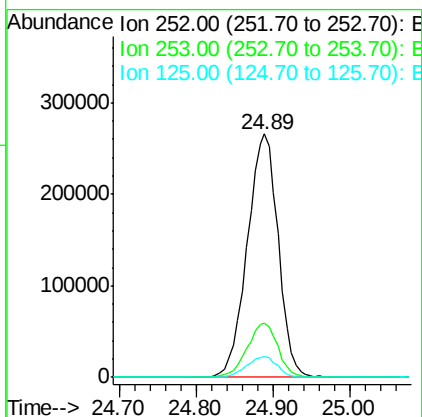
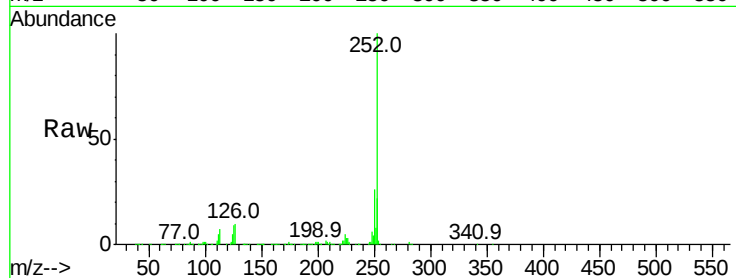
ClientSampleId :

PB87019BS

Tot Ion:	252	Resp:	746667
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.7	28.1
125	8.6	9.1	13.7#

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:31:43 PM



#90

Dibenzo(a,h)anthracene

Concen: 26.44 ng

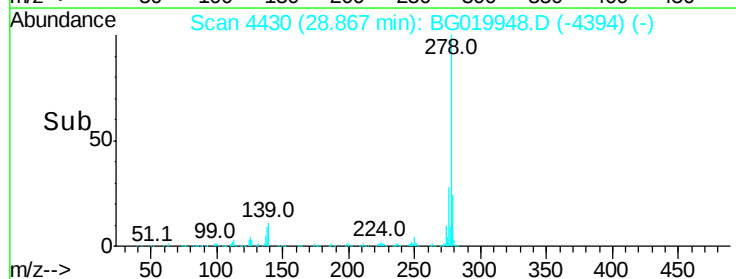
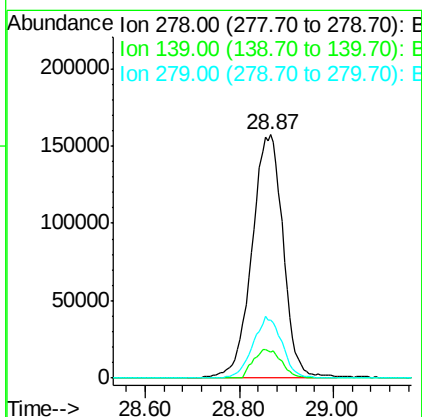
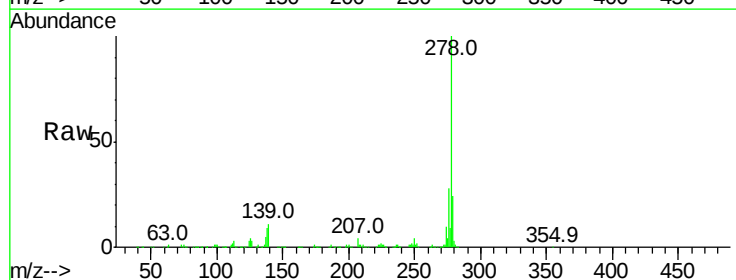
RT: 28.87 min Scan# 4430

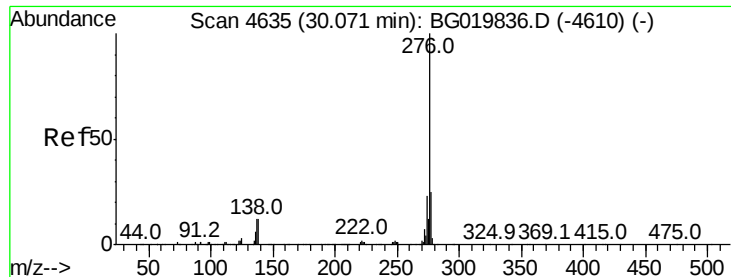
Delta R.T. -0.09 min

Lab File: BG019948.D

Acq: 5 Dec 2015 18:56

Tgt Ion:	278	Resp:	726245
Ion Ratio	Lower	Upper	
278	100		
139	10.8	13.8	20.6#
279	24.0	19.4	29.0





#91
 Benzo(a,h,i)perylene
 Concen: 26.60 ng
 RT: 29.97 min Scan# 4617
 Delta R.T. -0.11 min
 Lab File: BG019948.D
 Acq: 5 Dec 2015 18:56

Instrument :
 BNA_G
 ClientSampleId :
 PB87019BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	24.2	18.4	27.6
138	15.5	17.4	26.0#

Manual Integrations
 APPROVED

Mmdadoda
 12/7/2015 6:31:43 PM

