

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
 Data File : BG019939.D
 Acq On : 5 Dec 2015 13:09
 Operator : UM/NP
 Sample : PB86993BSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB86993BSD

Manual Integrations
 APPROVED

Mmdadoda
 12/7/2015 6:29:49 PM

Quant Time: Dec 07 05:01:02 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	8.12	152	28182	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	124970	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	88984	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	228147	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	276231	20.00	ng	-0.03
86) Perylene-d12	25.04	264	258709	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	210611	135.07	ng	0.00
7) Phenol-d6	7.26	99	310231	131.77	ng	-0.01
23) Nitrobenzene-d5	9.28	82	201795	82.41	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	160708	118.04	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	491251	75.38	ng	-0.02
78) Terphenyl-d14	20.09	244	885147	78.16	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	19151	31.53	ng	# 100
3) Pyridine	3.93	79	63537	34.44	ng	# 89
4) n-Nitrosodimethylamine	3.84	42	32885	33.89	ng	# 81
6) Aniline	7.43	93	78405	25.72	ng	# 81
8) 2-Chlorophenol	7.67	128	77248	40.63	ng	# 96
9) Benzaldehyde	7.25	77	28716	18.29	ng	# 92
10) Phenol	7.29	94	107365	43.33	ng	# 81
11) bis(2-Chloroethyl)ether	7.53	93	70163	38.23	ng	# 91
12) 1,3-Dichlorobenzene	8.00	146	79072	36.69	ng	# 90
13) 1,4-Dichlorobenzene	8.15	146	81118	36.44	ng	# 92
14) 1,2-Dichlorobenzene	8.47	146	77691	36.59	ng	# 92
15) Benzyl Alcohol	8.35	79	82450	39.91	ng	# 89
16) 2,2'-oxybis(1-Chloropropan	8.65	45	109581	36.61	ng	# 94
17) 2-Methylphenol	8.55	107	74180	42.41	ng	# 95
18) Hexachloroethane	9.21	117	30047	36.05	ng	# 92
19) n-Nitroso-di-n-propylamine	8.92	70	67024	36.10	ng	# 90
20) 3+4-Methylphenols	8.88	107	101509	41.21	ng	# 95
22) Acetophenone	8.94	105	118398	34.56	ng	# 92
24) Nitrobenzene	9.33	77	101331	38.15	ng	# 90
25) Isophorone	9.85	82	182568	34.78	ng	# 95
26) 2-Nitrophenol	10.04	139	42969	41.89	ng	# 78
27) 2,4-Dimethylphenol	10.09	122	85306	39.93	ng	# 92
28) bis(2-Chloroethoxy)methane	10.33	93	103461	40.33	ng	# 99
29) 2,4-Dichlorophenol	10.57	162	90958	41.68	ng	# 96
30) 1,2,4-Trichlorobenzene	10.79	180	88618	35.93	ng	# 97
31) Naphthalene	10.98	128	249418	37.26	ng	# 97
32) Benzoic acid	10.21	122	62771	44.15	ng	# 80
33) 4-Chloroaniline	11.08	127	51453	17.44	ng	# 92
34) Hexachlorobutadiene	11.27	225	61069	33.57	ng	# 99
35) Caprolactam	11.86	113	32615m	40.15	ng	# 95
36) 4-Chloro-3-methylphenol	12.19	107	107168	39.43	ng	# 96
37) 2-Methylnaphthalene	12.58	142	191932	39.12	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	118382	35.06	ng	# 99
40) Hexachlorocyclopentadiene	12.93	237	131471	68.28	ng	# 99

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
 Data File : BG019939.D
 Acq On : 5 Dec 2015 13:09
 Operator : UM/NP
 Sample : PB86993BSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB86993BSD

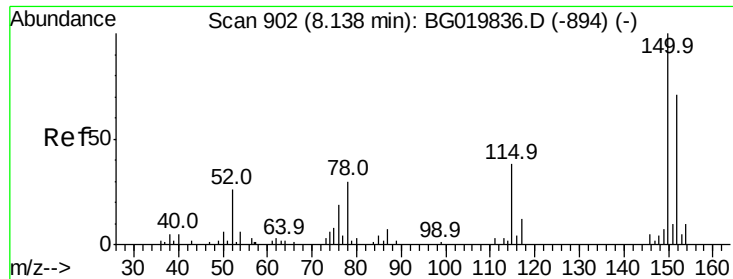
Manual Integrations
 APPROVED

Mmdadoda
 12/7/2015 6:29:49 PM

Quant Time: Dec 07 05:01:02 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	83516	37.36	nq	97
43) 2,4,5-Trichlorophenol	13.25	196	93685	39.65	nq	95
45) 1,1'-Biphenyl	13.59	154	255312	34.96	nq	99
46) 2-Chloronaphthalene	13.63	162	204690	36.36	nq	95
47) 2-Nitroaniline	13.82	65	75406	42.41	nq	88
48) Acenaphthylene	14.47	152	344079	35.89	nq	100
49) Dimethylphthalate	14.20	163	286400	35.78	nq	98
50) 2,6-Dinitrotoluene	14.31	165	63655	42.30	nq	# 78
51) Acenaphthene	14.81	154	215433	37.03	nq	99
52) 3-Nitroaniline	14.64	138	47042	30.09	nq	96
53) 2,4-Dinitrophenol	14.84	184	65281	81.34	nq	# 83
54) Dibenzofuran	15.14	168	350825	40.53	nq	94
55) 4-Nitrophenol	14.94	139	112146	82.36	nq	# 75
56) 2,4-Dinitrotoluene	15.10	165	90720	43.21	nq	# 86
57) Fluorene	15.79	166	282181	36.43	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.36	232	90662	41.46	nq	99
59) Diethylphthalate	15.55	149	304420	35.14	nq	97
60) 4-Chlorophenyl-phenylether	15.78	204	153087	34.42	nq	96
61) 4-Nitroaniline	15.81	138	68895	39.18	nq	# 77
62) Azobenzene	16.08	77	292755	40.61	nq	95
64) 4,6-Dinitro-2-methylphenol	15.86	198	53197	42.33	nq	94
65) n-Nitrosodiphenylamine	15.99	169	260547	39.46	nq	98
66) 4-Bromophenyl-phenylether	16.68	248	103021	36.34	nq	93
67) Hexachlorobenzene	16.79	284	111804	37.86	nq	95
68) Atrazine	16.93	200	111193	38.76	nq	98
69) Pentachlorophenol	17.13	266	144171	83.64	nq	96
70) Phenanthrene	17.53	178	496568	38.47	nq	97
71) Anthracene	17.62	178	502628	38.23	nq	96
72) Carbazole	17.89	167	447739	38.66	nq	97
73) Di-n-butylphthalate	18.44	149	539775	38.02	nq	98
74) Fluoranthene	19.53	202	621202	37.62	nq	95
76) Benzidine	19.71	184	183155	20.19	nq	97
77) Pyrene	19.89	202	641422	39.47	nq	97
79) Butylbenzylphthalate	20.77	149	250162	39.27	nq	99
80) Benzo(a)anthracene	21.74	228	647883	38.32	nq	99
81) 3,3'-Dichlorobenzidine	21.65	252	146063	22.68	nq	98
82) Chrysene	21.81	228	592294	36.89	nq	96
83) Bis(2-ethylhexyl)phthalate	21.65	149	363703	38.91	nq	97
84) Di-n-octyl phthalate	22.89	149	621609	40.90	nq	# 94
85) Indeno(1,2,3-cd)pyrene	28.80	276	725658	41.03	nq	# 100
87) Benzo(b)fluoranthene	24.00	252	626194	38.19	nq	# 96
88) Benzo(k)fluoranthene	24.07	252	619878	38.17	nq	# 95
89) Benzo(a)pyrene	24.88	252	602943	38.73	nq	# 96
90) Dibenzo(a,h)anthracene	28.87	278	594626	38.66	nq	# 94
91) Benzo(g,h,i)perylene	29.97	276	583016	38.61	nq	# 93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 898

Delta R.T. -0.02 min

Lab File: BG019939.D

Acq: 5 Dec 2015 13:09

Instrument :

BNA_G

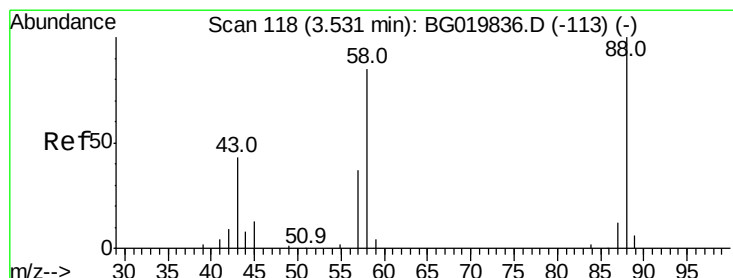
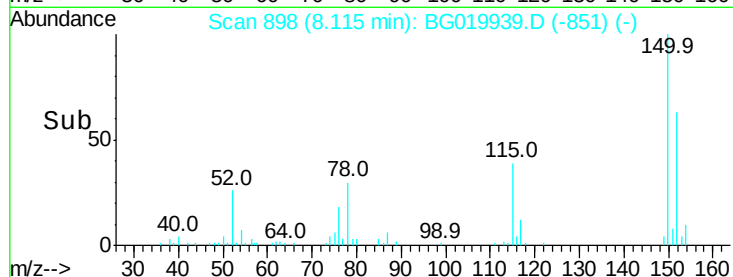
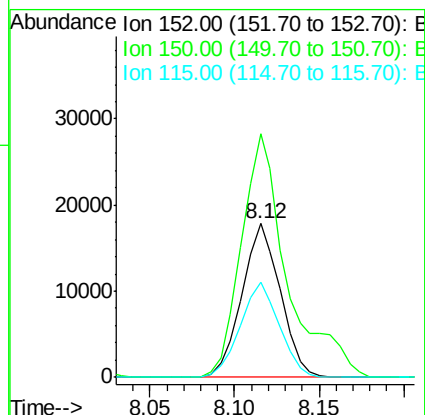
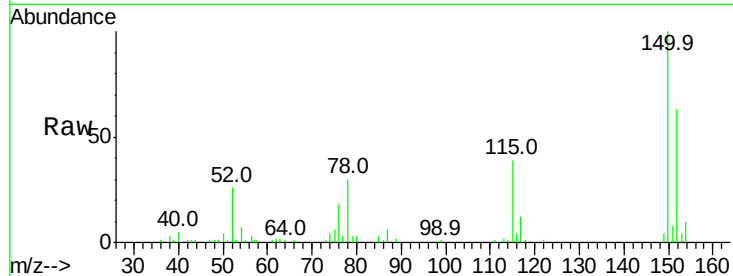
ClientSampleId :

PB86993BSD

Tot Ion:	152	Resp:	28182
Ion Ratio	Lower	Upper	
152	100		
150	158.7	115.0	172.4
115	62.4	43.9	65.9

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:29:49 PM



#2

1,4-Dioxane

Concen: 31.53 ng

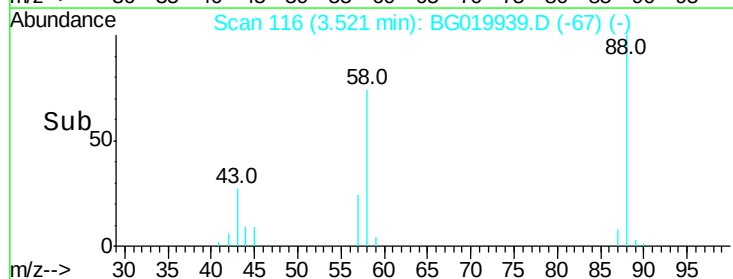
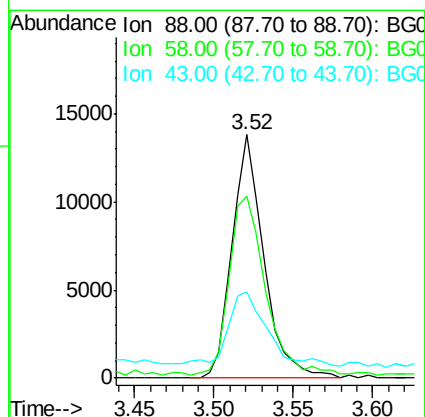
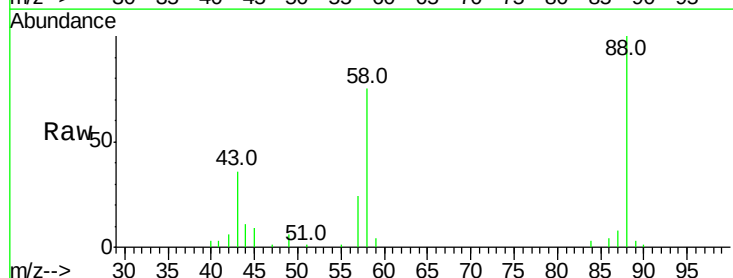
RT: 3.52 min Scan# 116

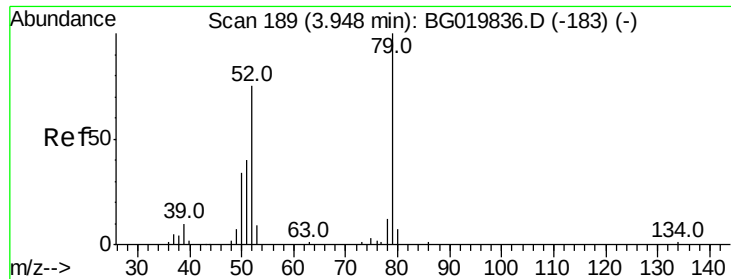
Delta R.T. -0.01 min

Lab File: BG019939.D

Acq: 5 Dec 2015 13:09

Tgt Ion:	88	Resp:	19151
Ion Ratio	Lower	Upper	
88	100		
58	83.3	0.0	0.0#
43	38.1	0.0	0.0#





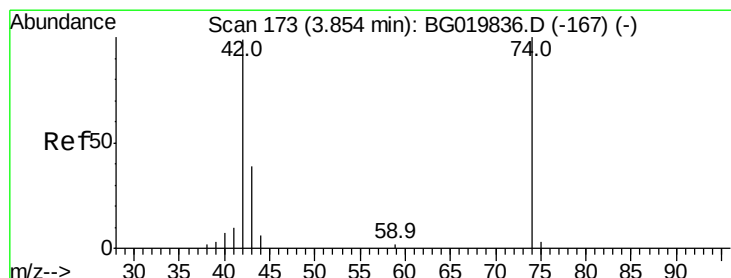
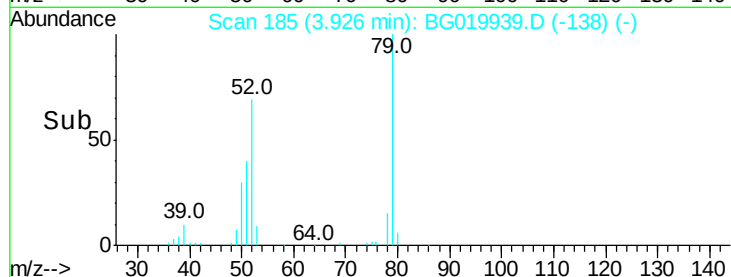
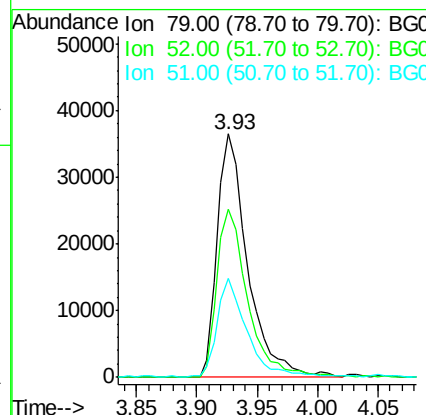
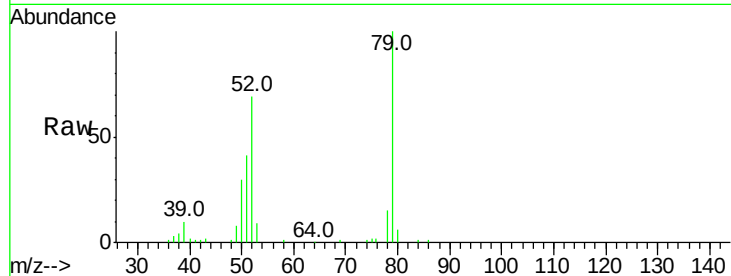
#3
 Pvridine
 Concen: 34.44 ng
 RT: 3.93 min Scan# 185
 Delta R.T. -0.02 min
 Lab File: BG019939.D
 Acq: 5 Dec 2015 13:09

Instrument :
 BNA_G
 ClientSampleId :
 PB86993BSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	69.2	50.3	75.5
51	40.5	24.8	37.2

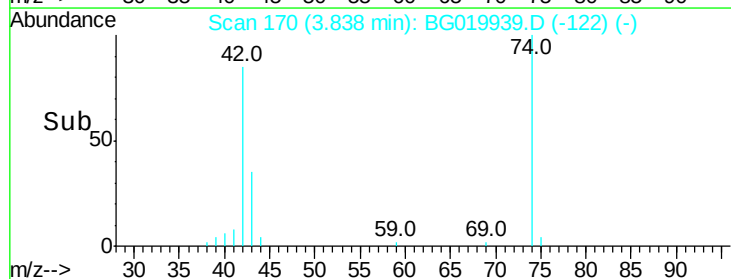
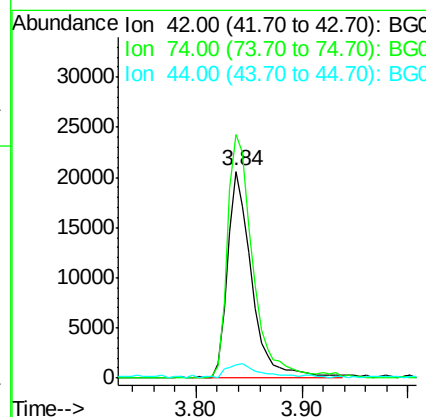
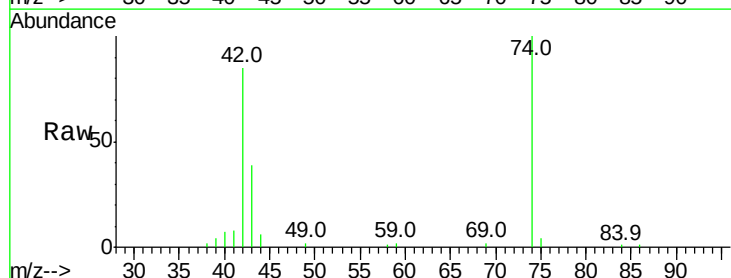
Manual Integrations
 APPROVED

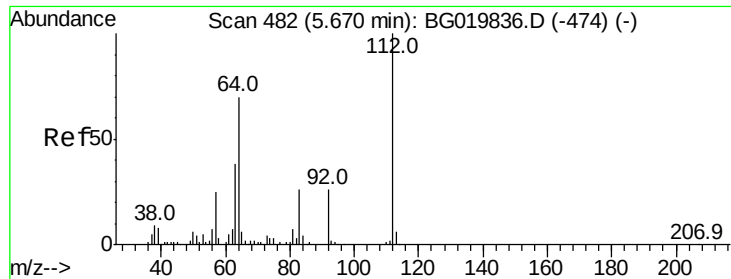
Mmdadoda
 12/7/2015 6:29:49 PM



#4
 n-Nitrosodimethylamine
 Concen: 33.89 ng
 RT: 3.84 min Scan# 170
 Delta R.T. -0.02 min
 Lab File: BG019939.D
 Acq: 5 Dec 2015 13:09

Tgt Ion	Ratio	Lower	Upper
42	100		
74	117.7	113.9	170.9
44	6.6	5.7	8.5





#5

2-Fluorophenol

Concen: 135.07 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019939.D

Acq: 5 Dec 2015 13:09

Instrument :

BNA_G

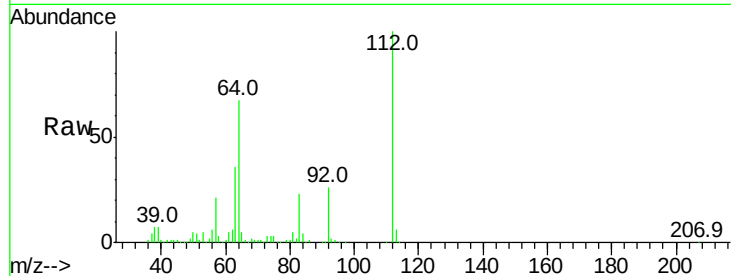
ClientSampleId :

PB86993BSD

Tot Ion:	112	Resp:	210611
Ion Ratio	Lower	Upper	
112	100		
64	66.6	43.7	65.5#
63	36.3	24.0	36.0#

Manual Integrations
APPROVED

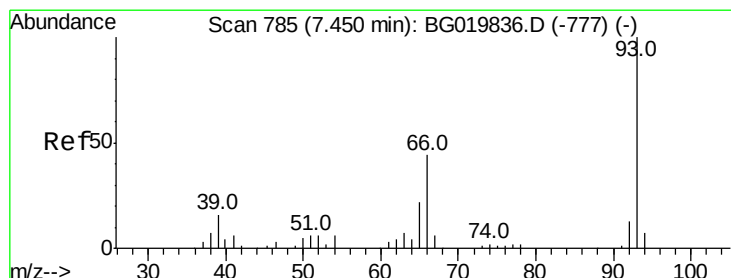
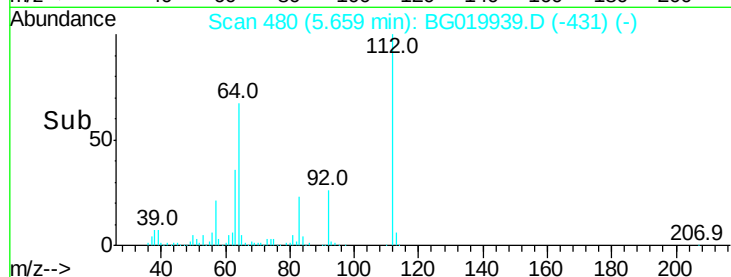
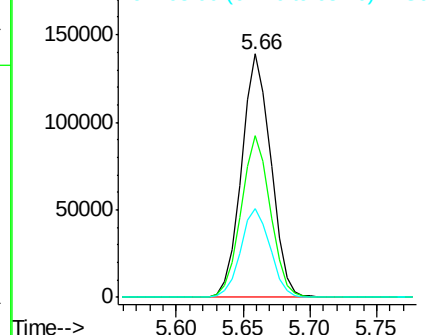
Mmdadoda
12/7/2015 6:29:49 PM



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: 25.72 ng

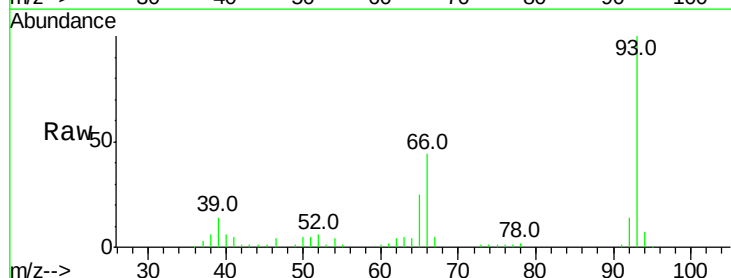
RT: 7.43 min Scan# 782

Delta R.T. -0.02 min

Lab File: BG019939.D

Acq: 5 Dec 2015 13:09

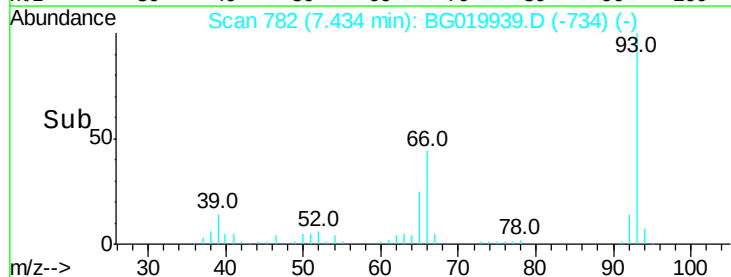
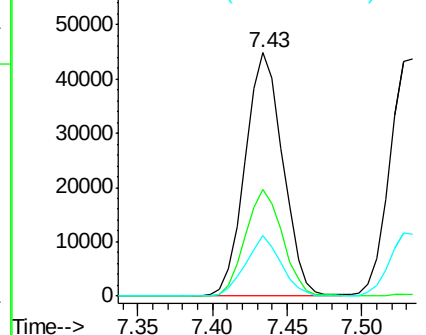
Tgt Ion:	93	Resp:	78405
Ion Ratio	Lower	Upper	
93	100		
66	43.9	26.2	39.2#
65	24.9	14.0	21.0#

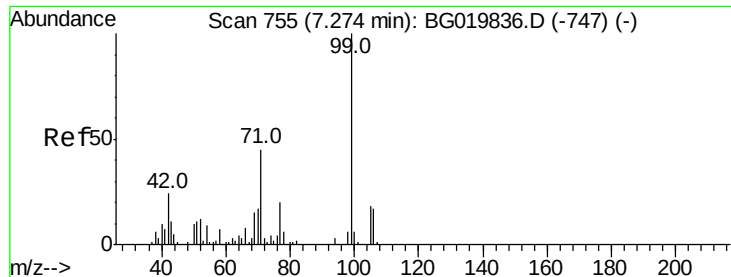


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 131.77 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019939.D

Acq: 5 Dec 2015 13:09

Instrument :

BNA_G

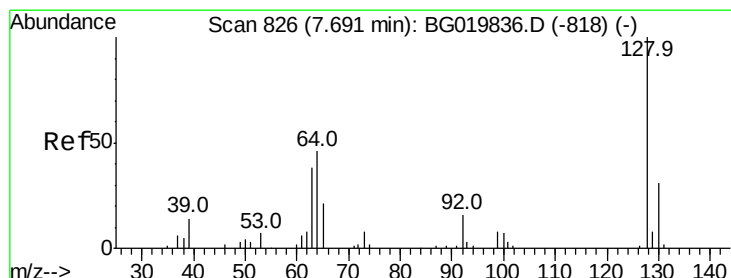
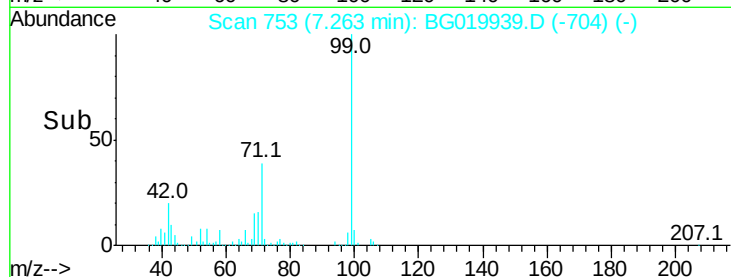
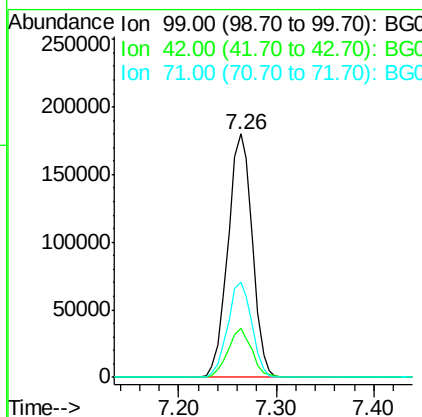
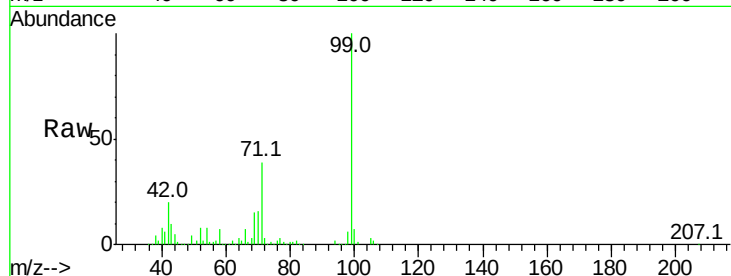
ClientSampleId :

PB86993BSD

Tot Ion:	99	Resp:	310231
Ion Ratio	Lower	Upper	
99	100		
42	20.2	11.5	17.3#
71	39.1	22.6	34.0#

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:29:49 PM



#8

2-Chlorophenol

Concen: 40.63 ng

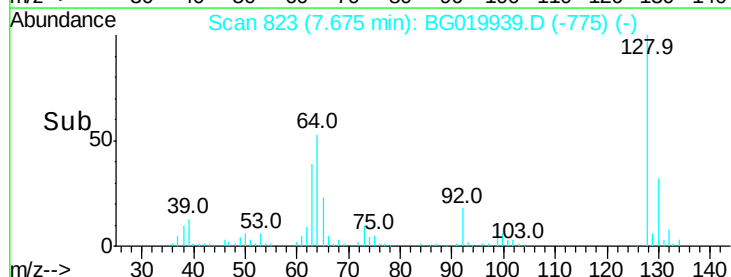
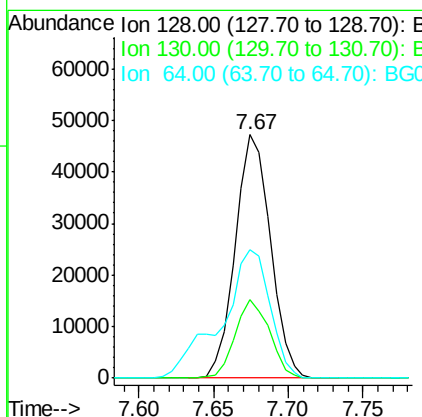
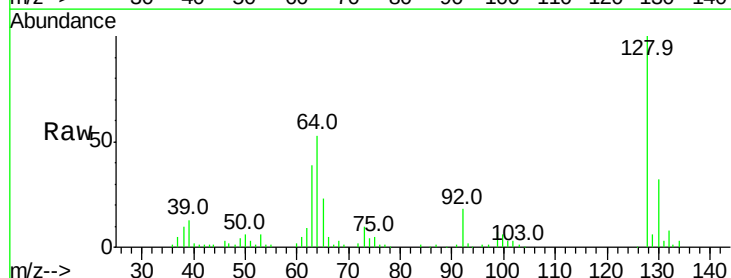
RT: 7.67 min Scan# 823

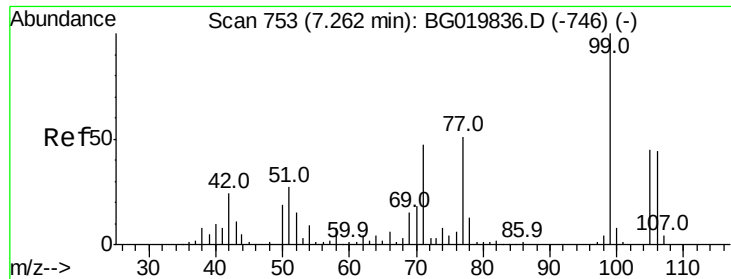
Delta R.T. -0.02 min

Lab File: BG019939.D

Acq: 5 Dec 2015 13:09

Tgt Ion:	128	Resp:	77248
Ion Ratio	Lower	Upper	
128	100		
130	32.3	13.0	53.0
64	52.6	28.2	68.2





#9

Benzaldehyde

Concen: 18.29 ng

RT: 7.25 min Scan# 750

Delta R.T. -0.02 min

Lab File: BG019939.D

Acq: 5 Dec 2015 13:09

Instrument :

BNA_G

ClientSampleId :

PB86993BSD

Tot Ion: 77 Resp: 28716

Ion Ratio Lower Upper

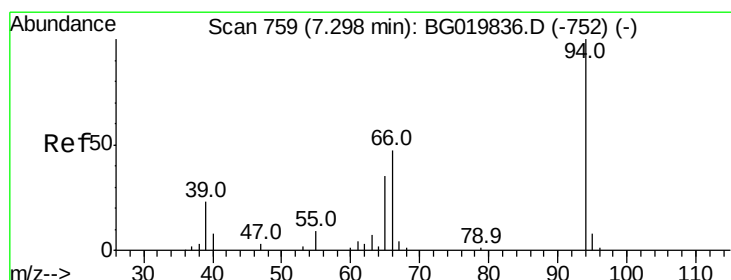
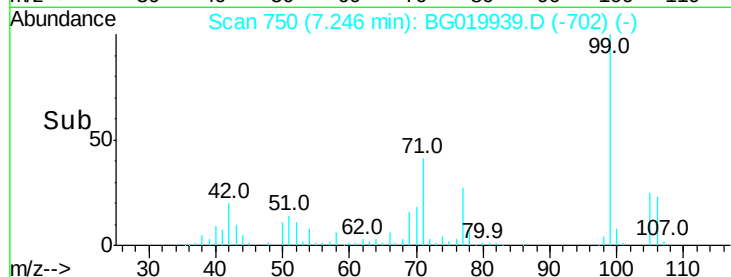
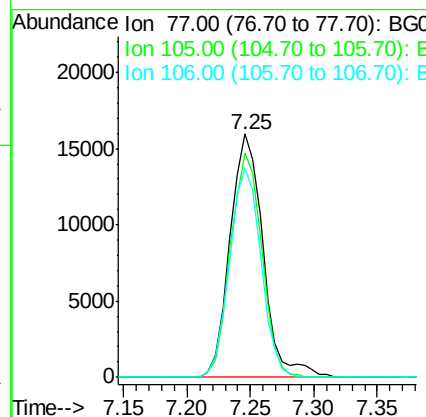
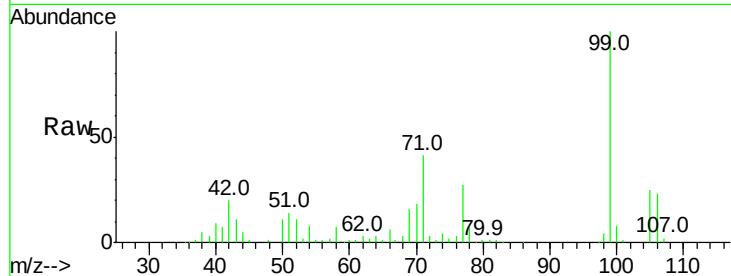
77 100

105 92.3 77.7 117.7

106 85.9 75.8 115.8

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:29:49 PM



#10

Phenol

Concen: 43.33 ng

RT: 7.29 min Scan# 757

Delta R.T. -0.01 min

Lab File: BG019939.D

Acq: 5 Dec 2015 13:09

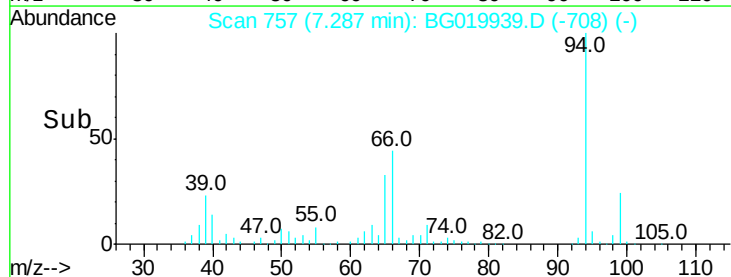
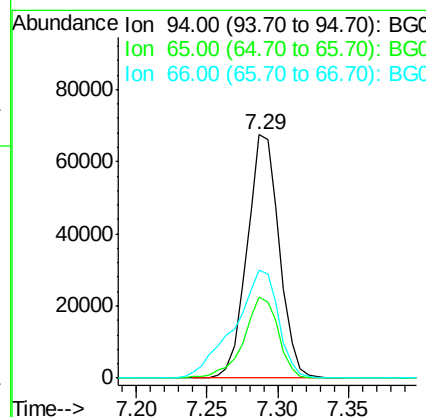
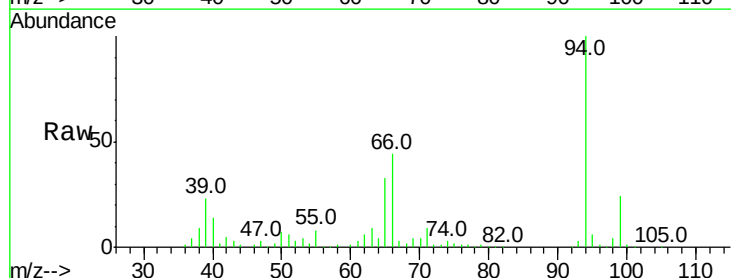
Tgt Ion: 94 Resp: 107365

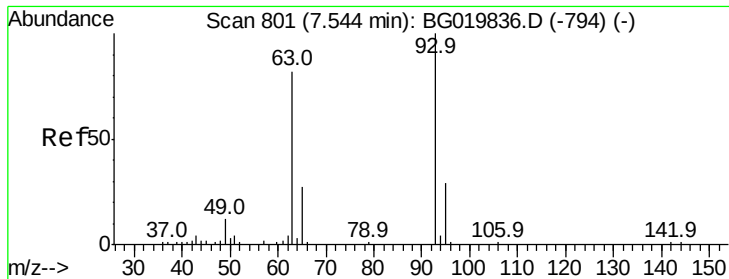
Ion Ratio Lower Upper

94 100

65 33.2 5.4 45.4

66 44.2 11.8 51.8





#11

bis(2-Chloroethyl)ether

Concen: 38.23 ng

RT: 7.53 min Scan# 799

Delta R.T. -0.01 min

Lab File: BG019939.D

Acq: 5 Dec 2015 13:09

Instrument :

BNA_G

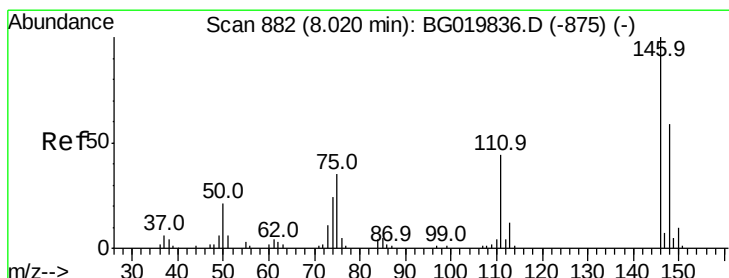
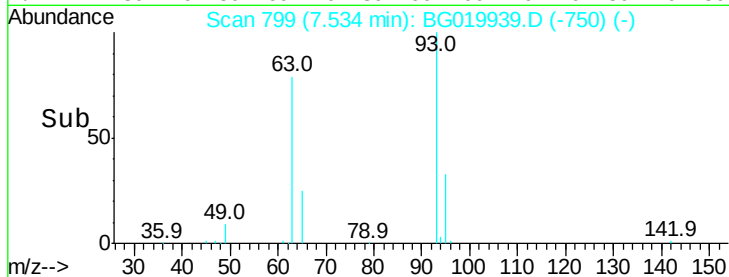
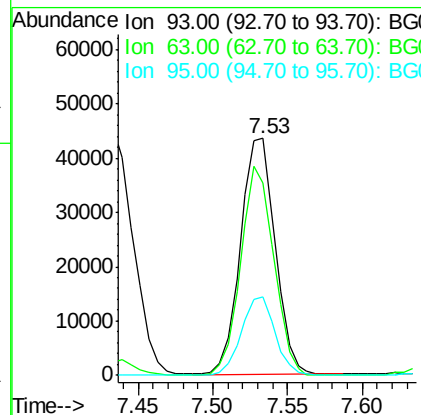
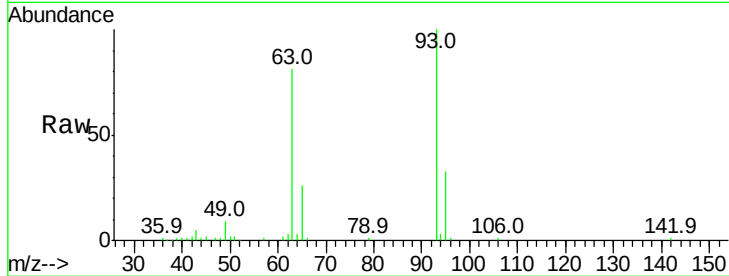
ClientSampleId :

PB86993BSD

Tot Ion:	93	Resp:	70163
Ion Ratio	Lower	Upper	
93	100		
63	81.0	50.5	90.5
95	33.2	12.2	52.2

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:29:49 PM



#12

1,3-Dichlorobenzene

Concen: 36.69 ng

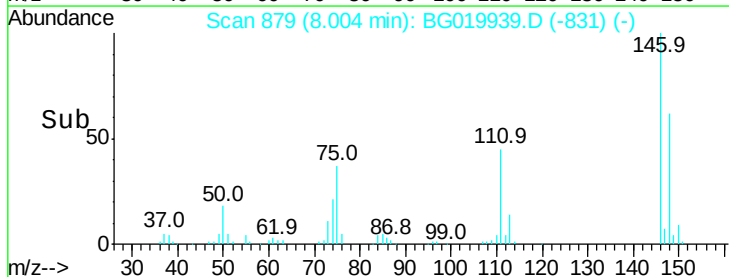
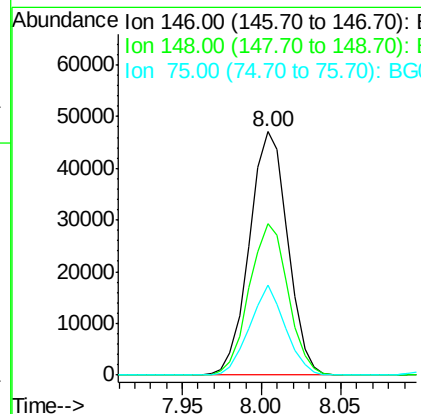
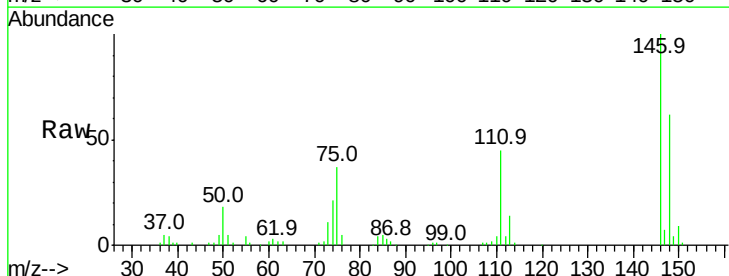
RT: 8.00 min Scan# 879

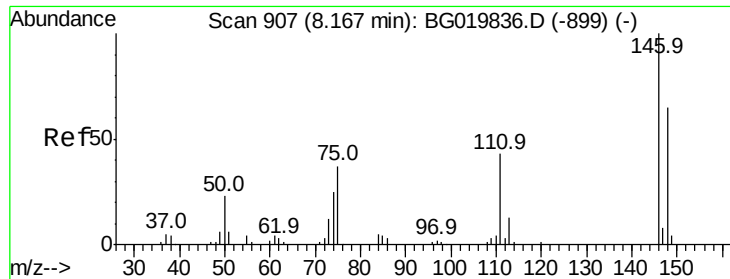
Delta R.T. -0.02 min

Lab File: BG019939.D

Acq: 5 Dec 2015 13:09

Tgt Ion:	146	Resp:	79072
Ion Ratio	Lower	Upper	
146	100		
148	62.2	53.4	80.0
75	37.0	21.1	31.7#





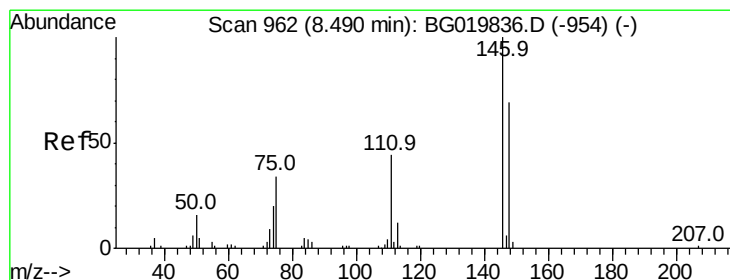
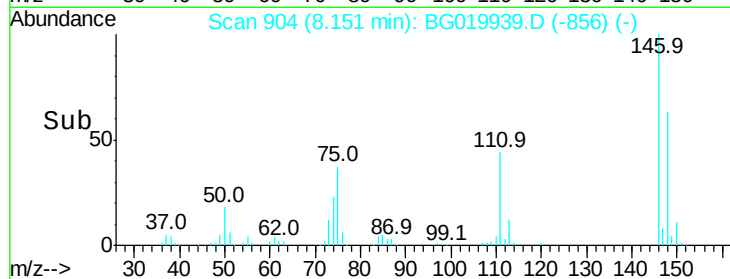
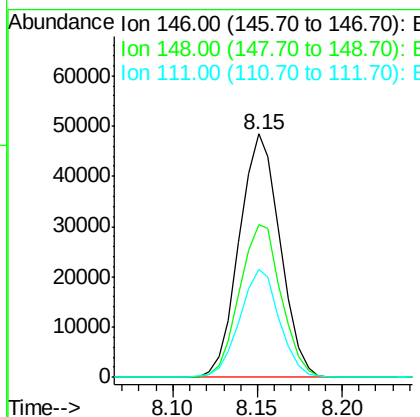
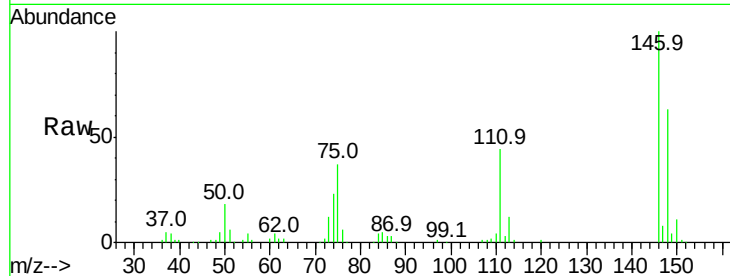
#13
 1,4-Dichlorobenzene
 Concen: 36.44 ng
 RT: 8.15 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG019939.D
 Acq: 5 Dec 2015 13:09

Instrument :
 BNA_G
 ClientSampleId :
 PB86993BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.8	52.5	78.7
111	44.4	28.3	42.5

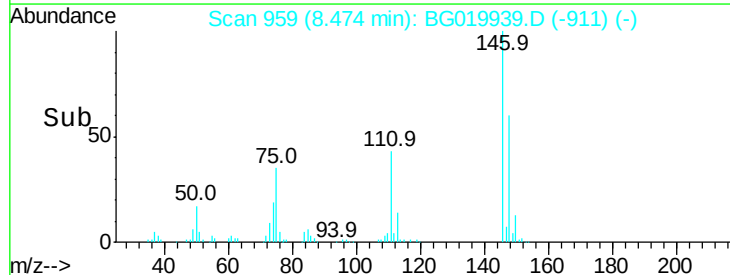
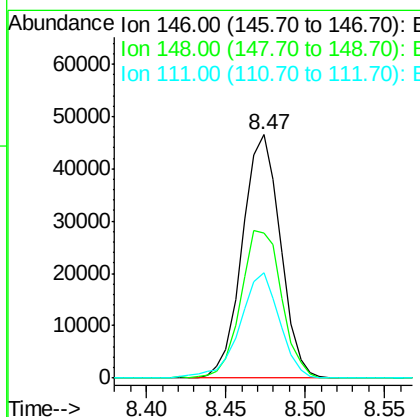
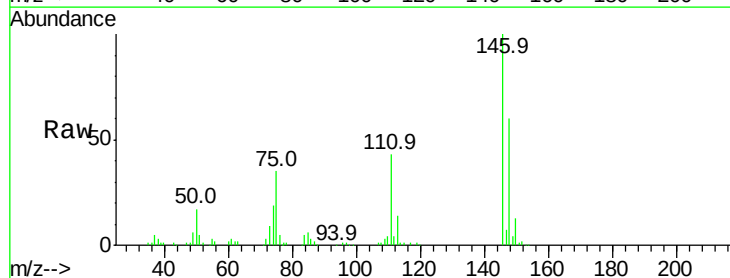
Manual Integrations
 APPROVED

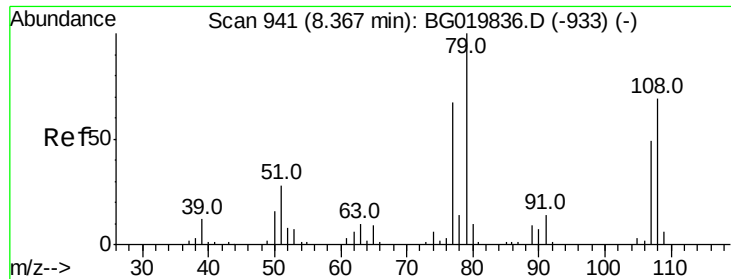
Mmdadoda
 12/7/2015 6:29:49 PM



#14
 1,2-Dichlorobenzene
 Concen: 36.59 ng
 RT: 8.47 min Scan# 959
 Delta R.T. -0.02 min
 Lab File: BG019939.D
 Acq: 5 Dec 2015 13:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	59.6	52.5	78.7
111	43.3	29.9	44.9





#15

Benzyl Alcohol

Concen: 39.91 ng

RT: 8.35 min Scan# 938

Delta R.T. -0.02 min

Lab File: BG019939.D

Acq: 5 Dec 2015 13:09

Instrument :

BNA_G

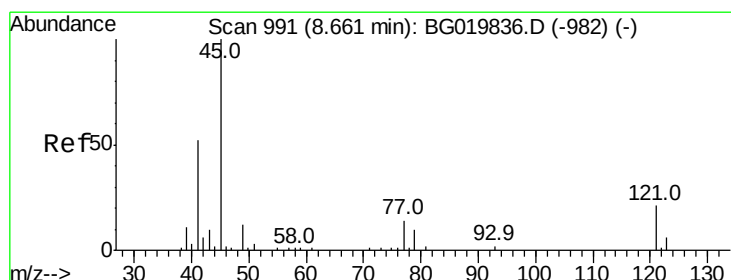
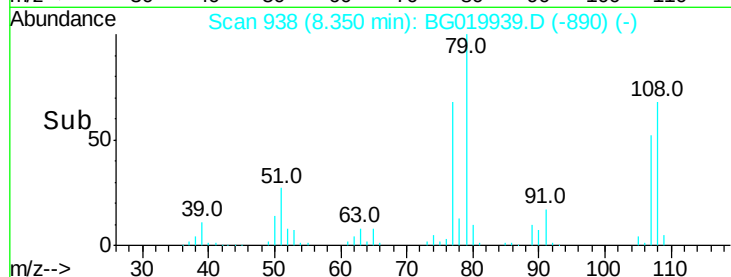
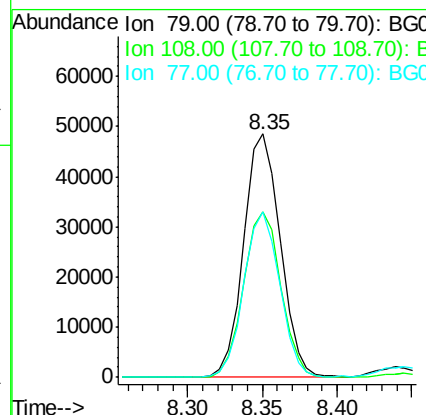
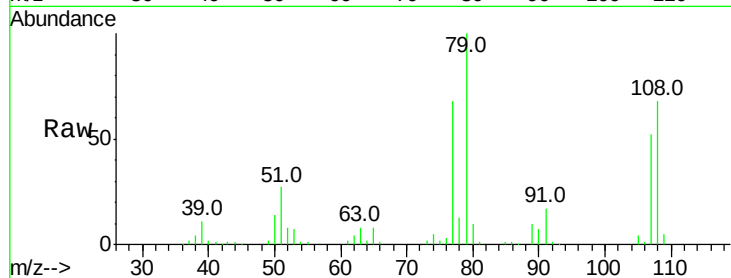
ClientSampleId :

PB86993BSD

Tot Ion:	79	Resp:	82450
Ion Ratio	Lower	Upper	
79	100		
108	68.1	65.5	98.3
77	67.7	51.3	76.9

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:29:49 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.61 ng

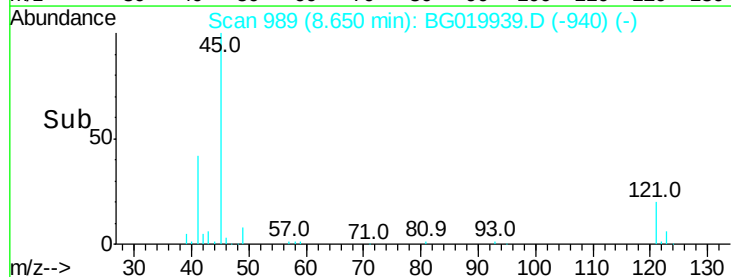
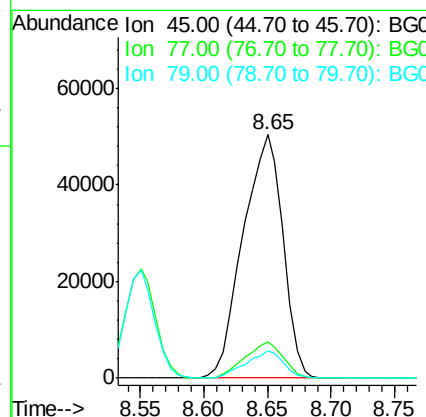
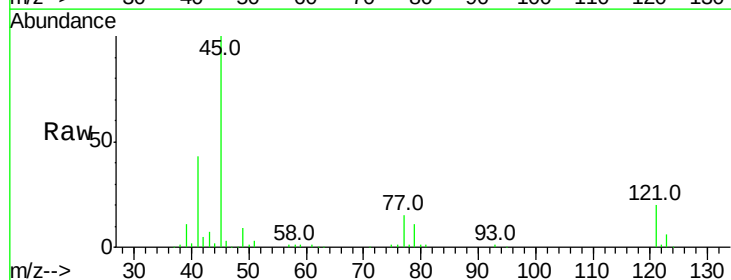
RT: 8.65 min Scan# 989

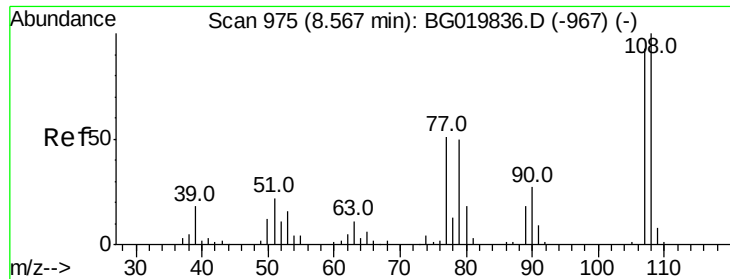
Delta R.T. -0.01 min

Lab File: BG019939.D

Acq: 5 Dec 2015 13:09

Tgt Ion:	45	Resp:	109581
Ion Ratio	Lower	Upper	
45	100		
77	14.7	0.0	37.0
79	11.4	0.0	33.8





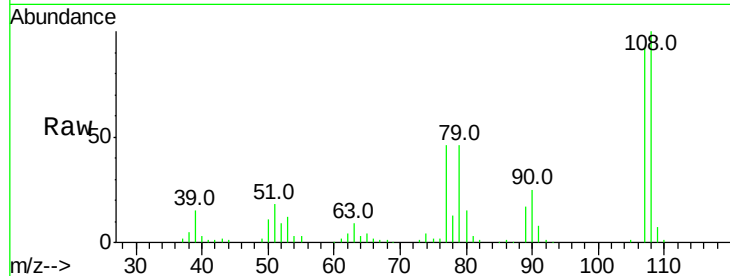
#17
2-Methylphenol
Concen: 42.41 ng
RT: 8.55 min Scan# 972
Delta R.T. -0.02 min
Lab File: BG019939.D
Acq: 5 Dec 2015 13:09

Instrument :
BNA_G
ClientSampleId :
PB86993BSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.1	86.5	129.7
77	50.0	34.6	51.8
79	49.2	32.3	48.5

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:29:49 PM



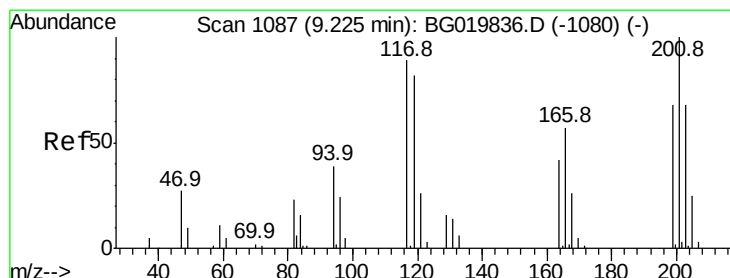
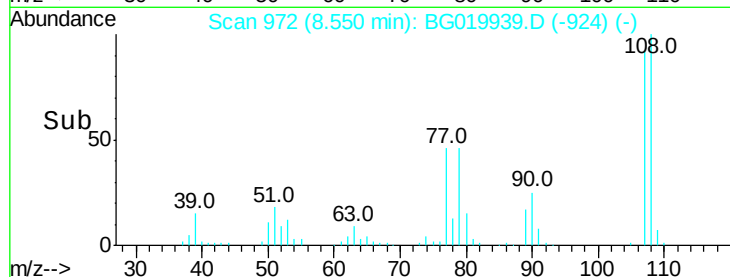
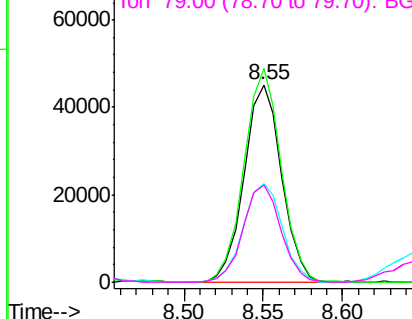
Abundance

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: 36.05 ng
RT: 9.21 min Scan# 1084
Delta R.T. -0.02 min
Lab File: BG019939.D
Acq: 5 Dec 2015 13:09

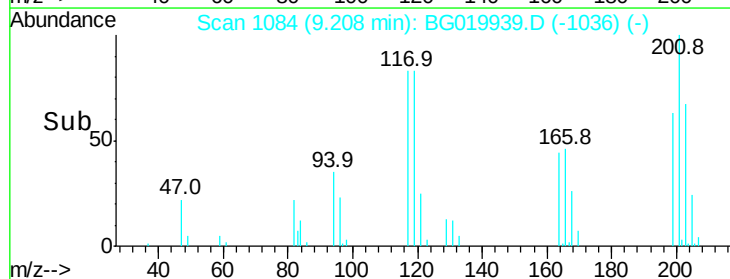
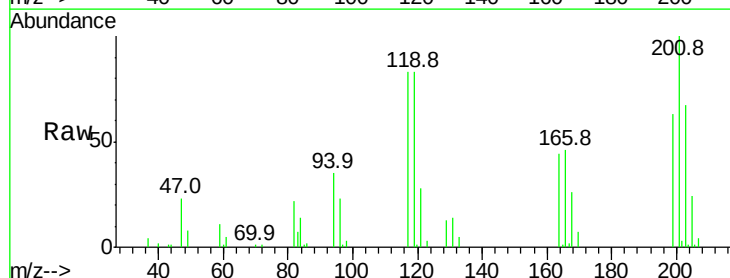
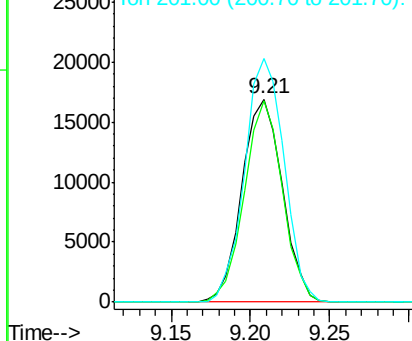
Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.1	71.7	107.5
201	120.0	90.9	136.3

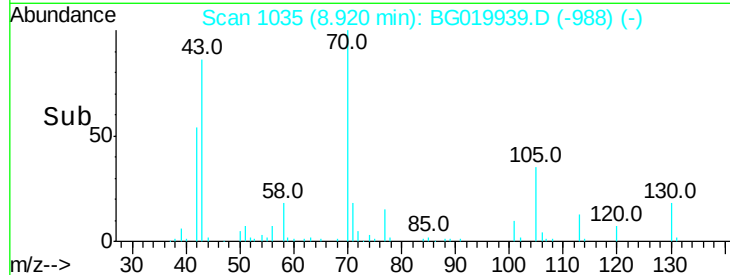
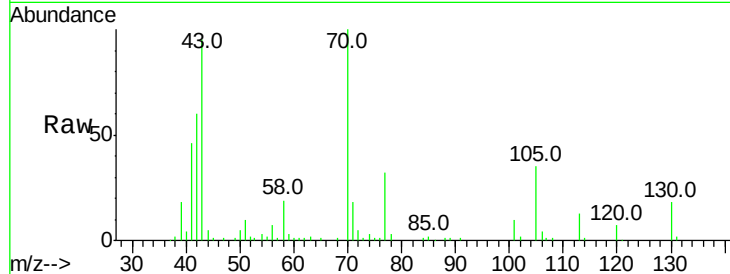
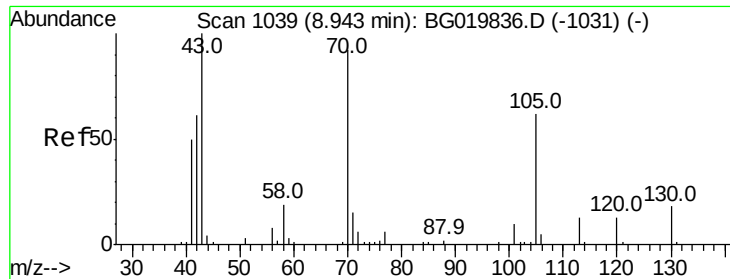
Abundance

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





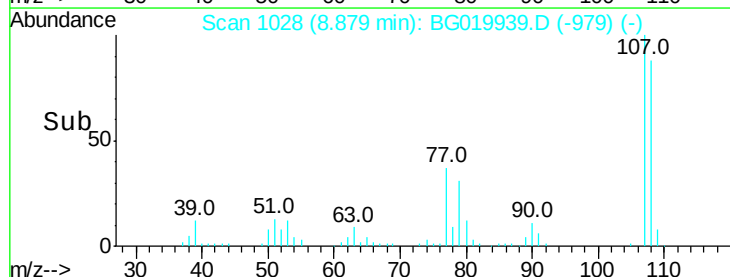
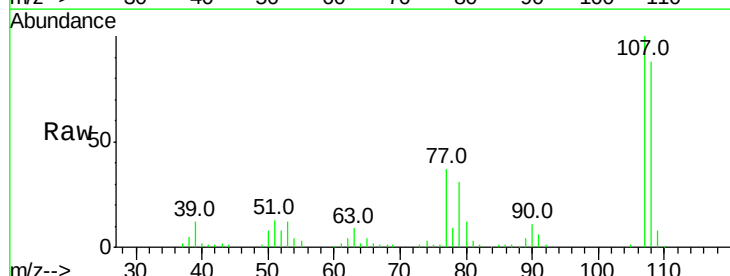
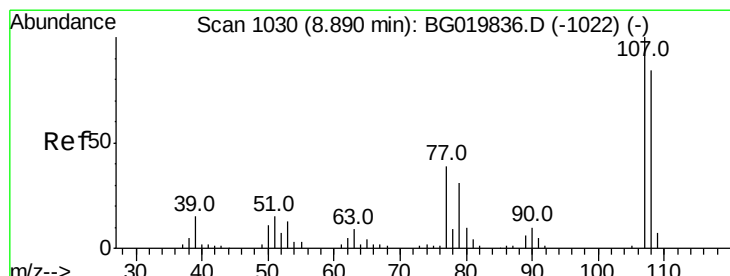
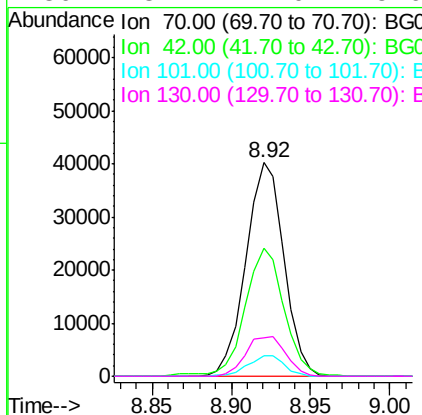
#19
n-Nitroso-di-n-propylamine
Concen: 36.10 ng
RT: 8.92 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BG019939.D
Acq: 5 Dec 2015 13:09

Instrument :
BNA_G
ClientSampleId :
PB86993BSD

Manual Integrations
APPROVED

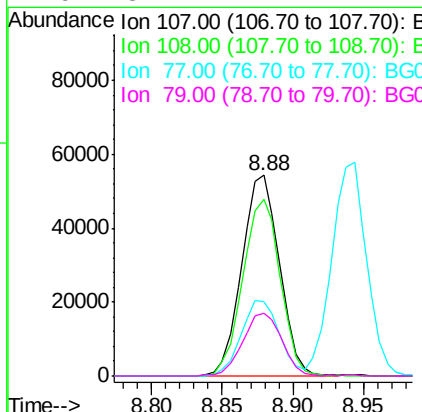
Mmdadoda
12/7/2015 6:29:49 PM

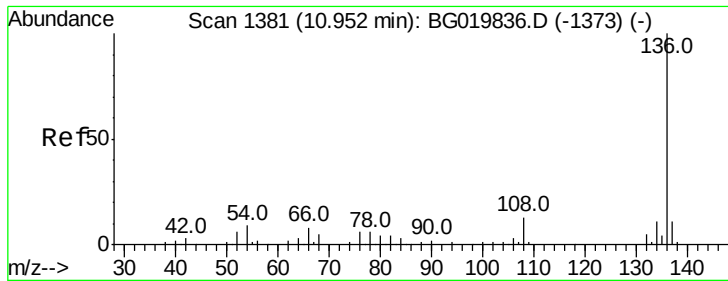
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	60.0	40.6	60.8	
101	9.7	8.6	13.0	
130	18.1	17.0	25.6	



#20
3+4-Methylphenols
Concen: 41.21 ng
RT: 8.88 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG019939.D
Acq: 5 Dec 2015 13:09

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.3	72.2	112.2	
77	37.1	13.4	53.4	
79	31.4	7.2	47.2	





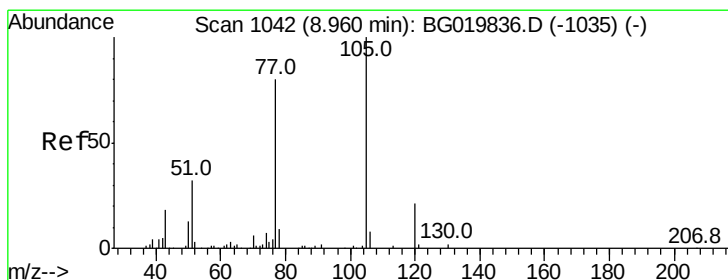
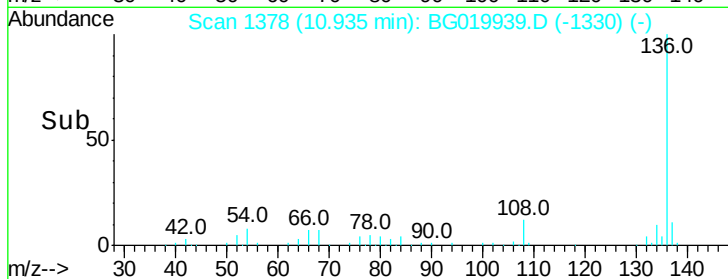
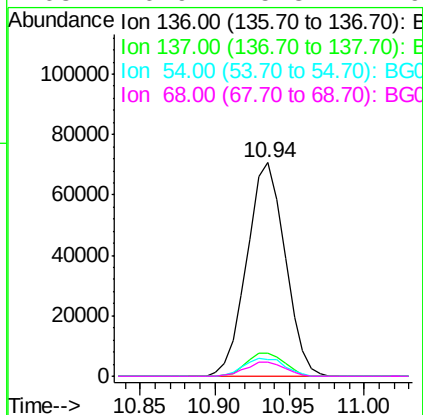
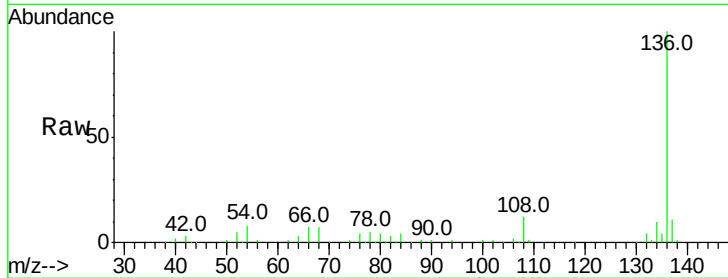
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BG019939.D
Acq: 5 Dec 2015 13:09

Instrument :
BNA_G
ClientSampled :
PB86993BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	124970		
137	10.6	8.6	12.8	
54	8.0	5.4	8.2	
68	6.9	5.3	7.9	

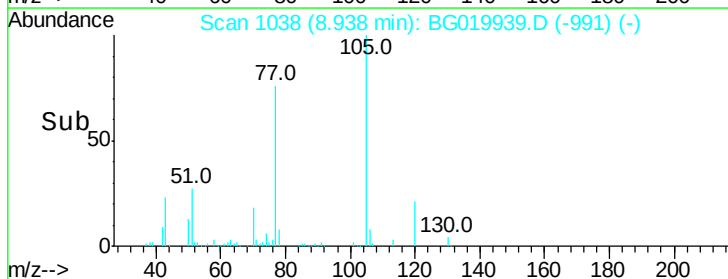
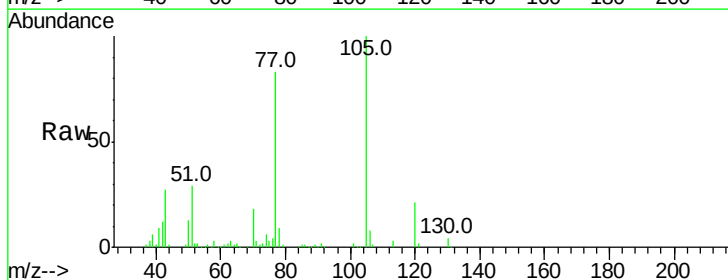
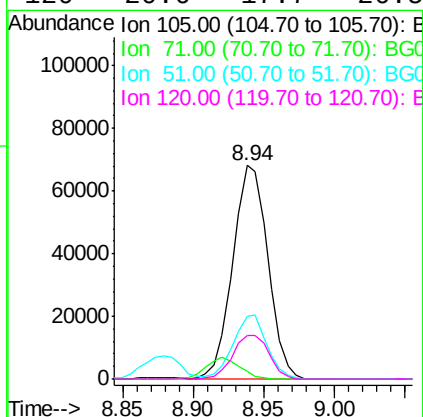
Manual Integrations
APPROVED

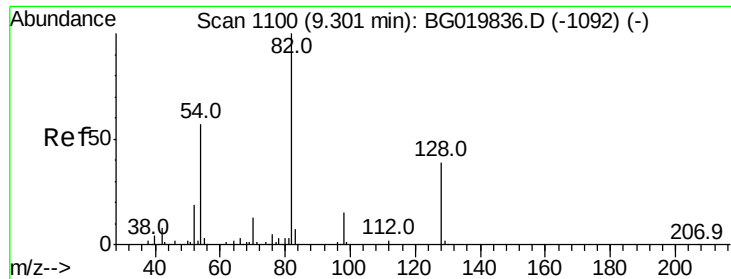
Mmdadoda
12/7/2015 6:29:49 PM



#22
Acetophenone
Concen: 34.56 ng
RT: 8.94 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BG019939.D
Acq: 5 Dec 2015 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	118398		
71	3.3	2.1	3.1#	
51	29.1	17.8	26.8#	
120	20.6	17.7	26.5	





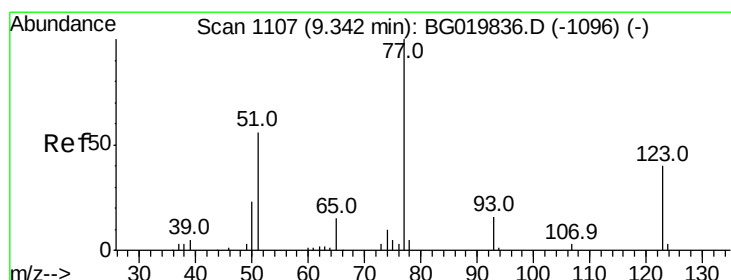
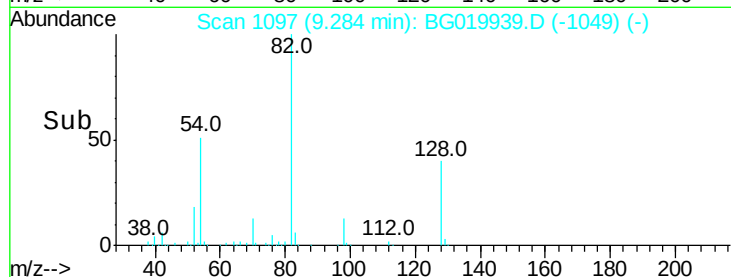
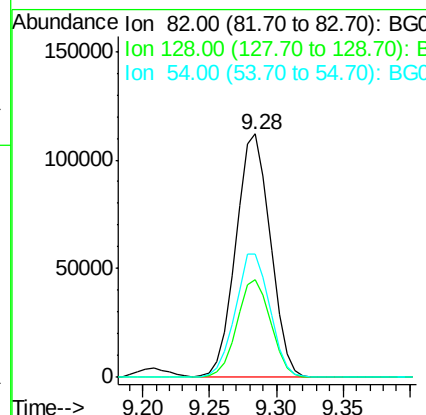
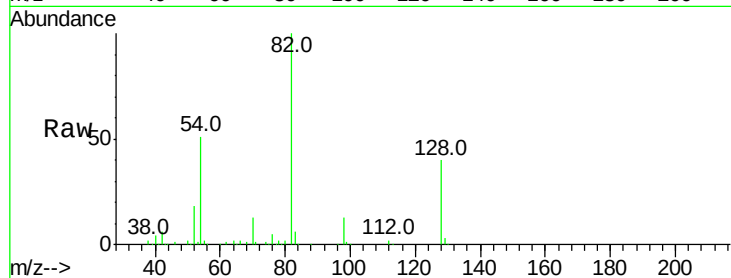
#23
Nitrobenzene-d5
Concen: 82.41 ng
RT: 9.28 min Scan# 1097
Delta R.T. -0.02 min
Lab File: BG019939.D
Acq: 5 Dec 2015 13:09

Instrument :
BNA_G
ClientSampleId :
PB86993BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.1	36.7	55.1
54	50.8	33.8	50.8

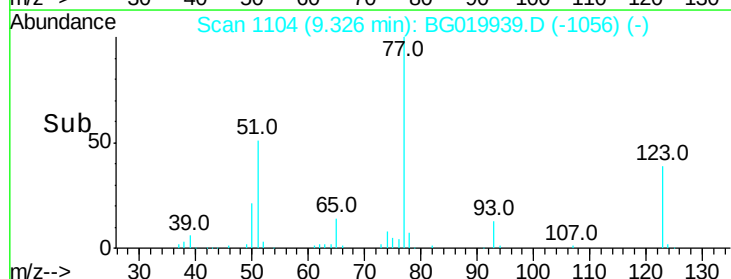
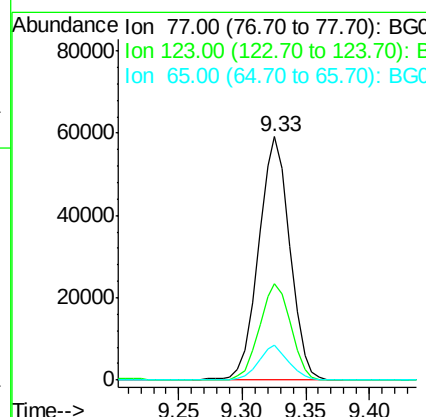
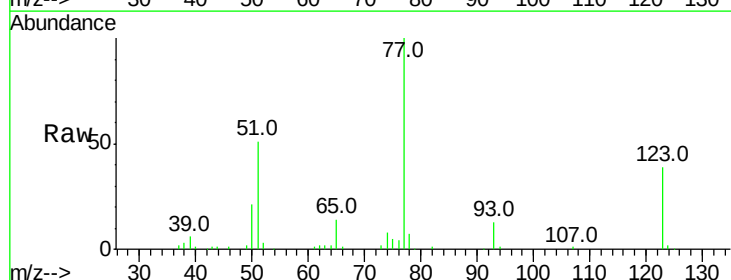
Manual Integrations
APPROVED

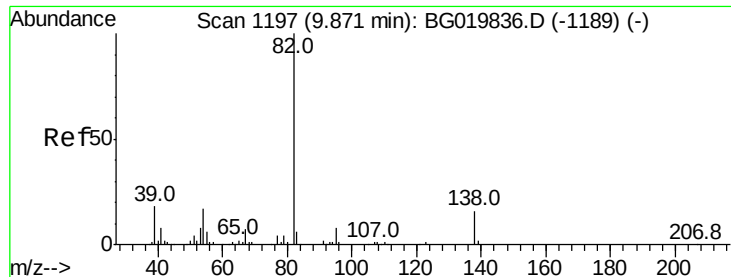
Mmdadoda
12/7/2015 6:29:49 PM



#24
Nitrobenzene
Concen: 38.15 ng
RT: 9.33 min Scan# 1104
Delta R.T. -0.02 min
Lab File: BG019939.D
Acq: 5 Dec 2015 13:09

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.4	38.2	57.2
65	14.3	10.6	16.0





#25

Isophorone

Concen: 34.78 ng

RT: 9.85 min Scan# 1193

Delta R.T. -0.02 min

Lab File: BG019939.D

Acq: 5 Dec 2015 13:09

Instrument :

BNA_G

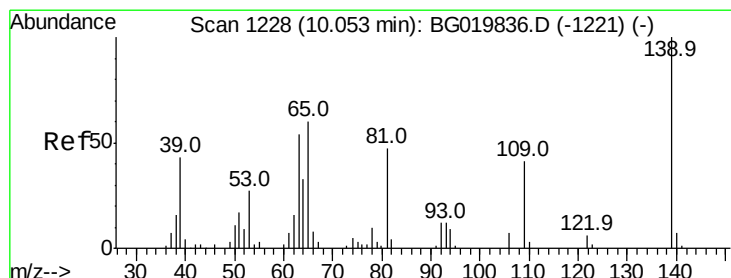
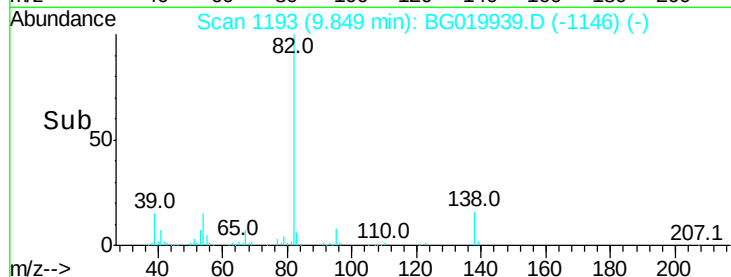
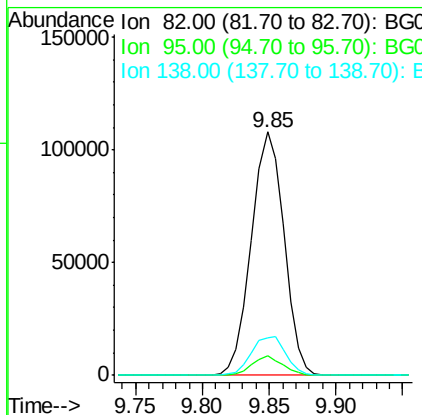
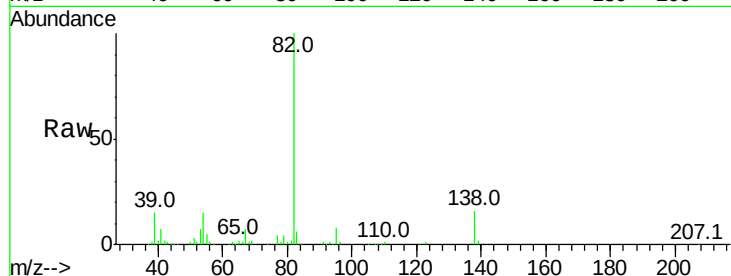
ClientSampleId :

PB86993BSD

Tot Ion:	82	Resp:	182568
Ion Ratio	Lower	Upper	
82	100		
95	7.8	5.2	7.8#
138	15.5	14.4	21.6

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:29:49 PM



#26

2-Nitrophenol

Concen: 41.89 ng

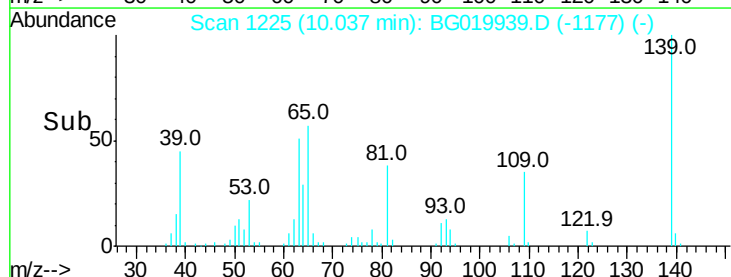
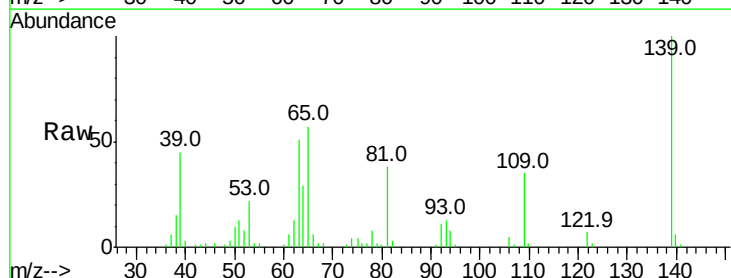
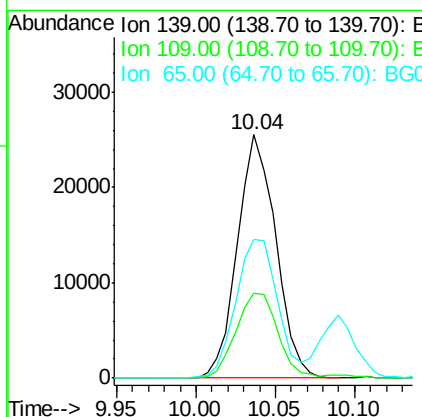
RT: 10.04 min Scan# 1225

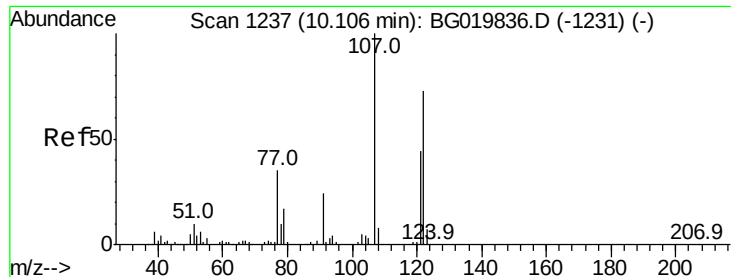
Delta R.T. -0.02 min

Lab File: BG019939.D

Acq: 5 Dec 2015 13:09

Tgt Ion:	139	Resp:	42969
Ion Ratio	Lower	Upper	
139	100		
109	35.1	20.1	30.1#
65	57.1	34.1	51.1#





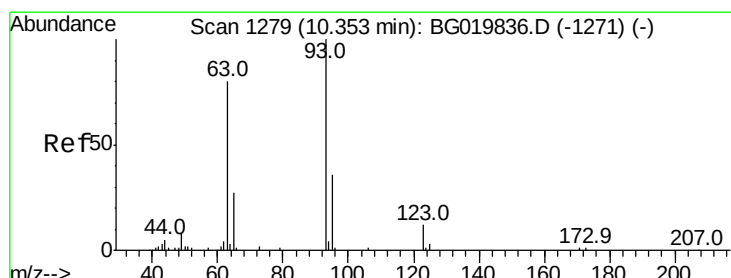
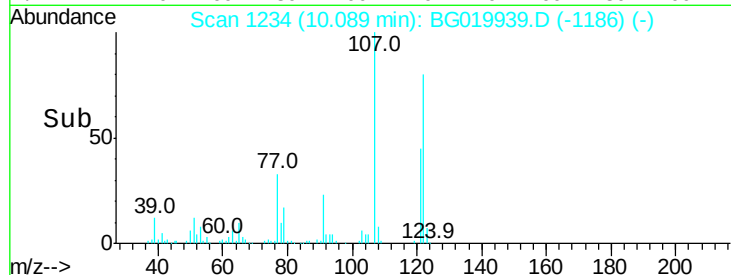
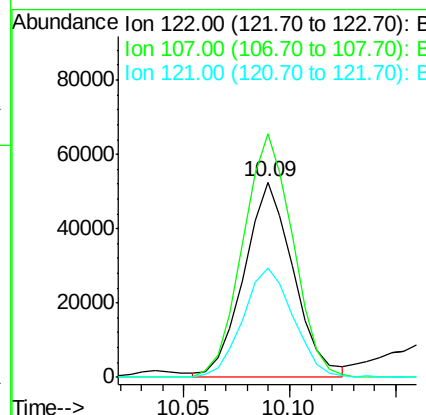
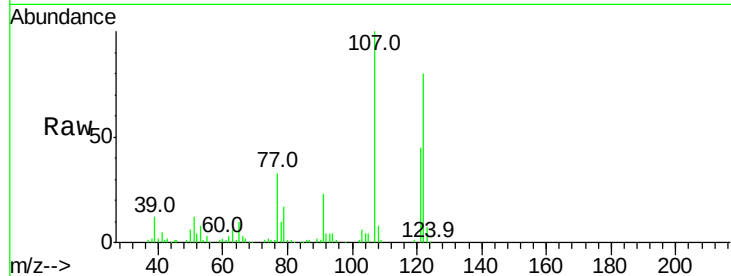
#27
 2,4-Dimethylphenol
 Concen: 39.93 ng
 RT: 10.09 min Scan# 1234
 Delta R.T. -0.02 min
 Lab File: BG019939.D
 Acq: 5 Dec 2015 13:09

Instrument :
 BNA_G
 ClientSampleId :
 PB86993BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	124.8	91.6	137.4
121	55.7	47.3	70.9

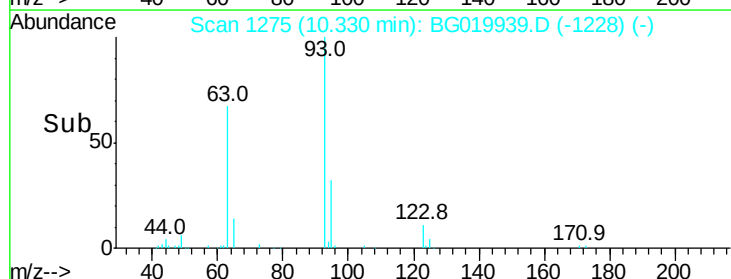
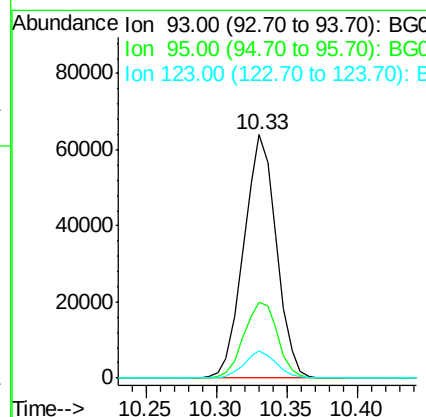
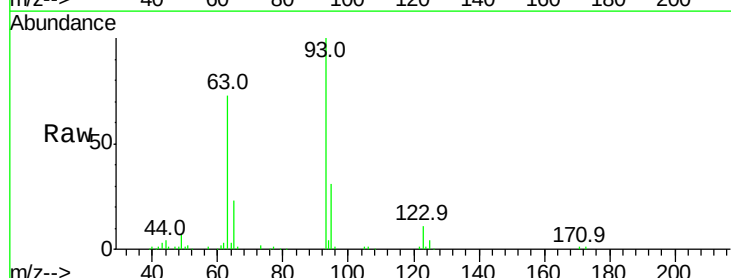
Manual Integrations
 APPROVED

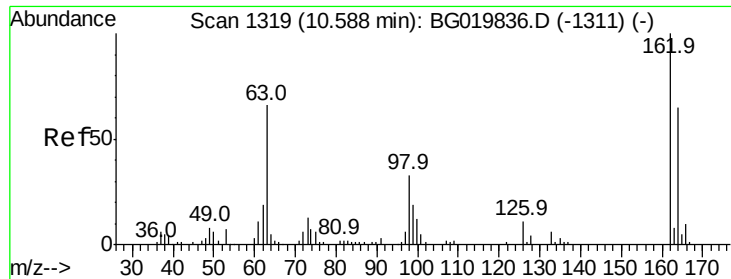
Mmdadoda
 12/7/2015 6:29:49 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.33 ng
 RT: 10.33 min Scan# 1275
 Delta R.T. -0.02 min
 Lab File: BG019939.D
 Acq: 5 Dec 2015 13:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.3	25.7	38.5
123	11.2	8.6	12.8





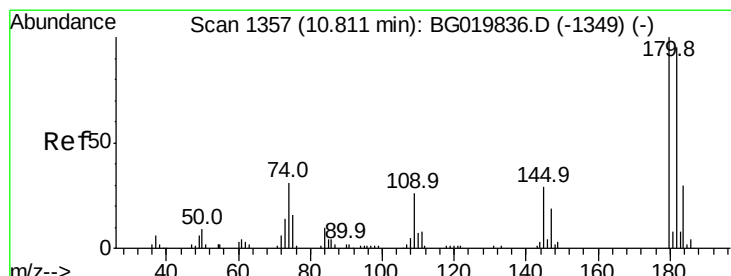
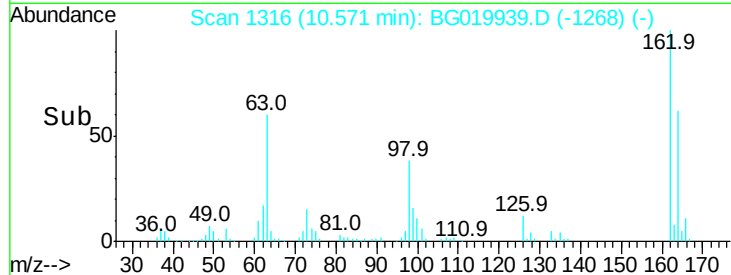
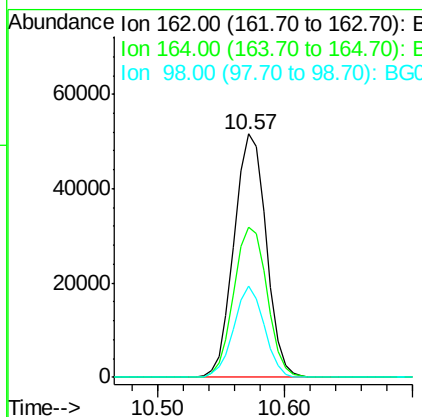
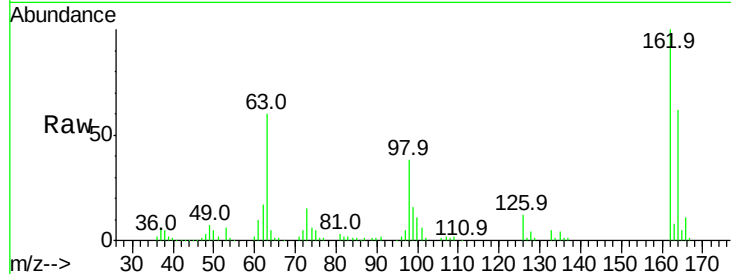
#29
 2,4-Dichlorophenol
 Concen: 41.68 ng
 RT: 10.57 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BG019939.D
 Acq: 5 Dec 2015 13:09

Instrument :
 BNA_G
 ClientSampleId :
 PB86993BSD

Tot Ion:	162	Resp:	90958
Ion Ratio	Lower	Upper	
162	100		
164	61.8	42.3	82.3
98	37.6	11.5	51.5

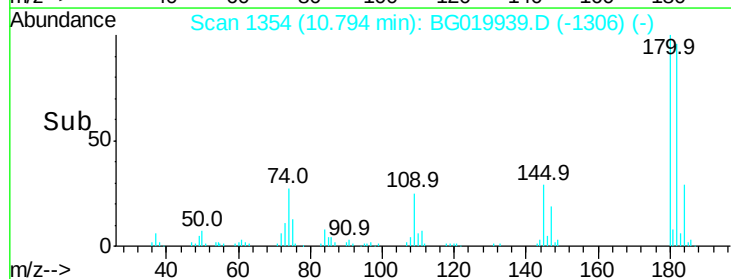
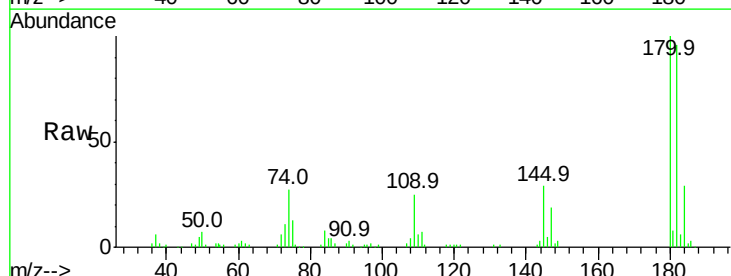
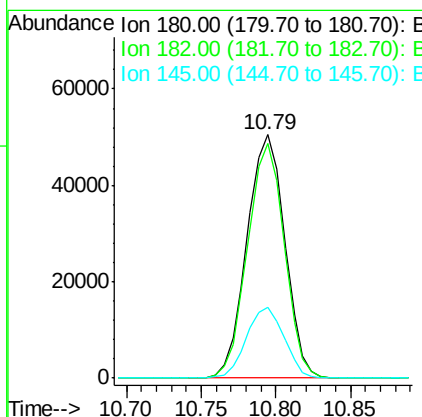
Manual Integrations
 APPROVED

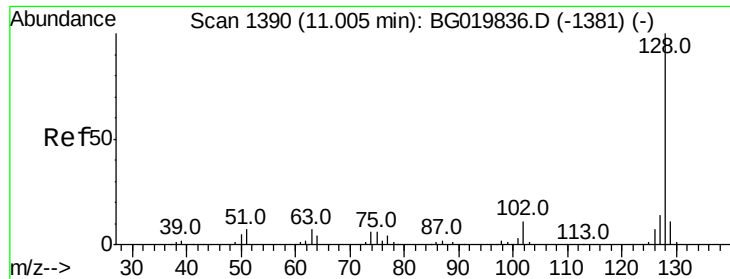
Mmdadoda
 12/7/2015 6:29:49 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 35.93 ng
 RT: 10.79 min Scan# 1354
 Delta R.T. -0.02 min
 Lab File: BG019939.D
 Acq: 5 Dec 2015 13:09

Tgt Ion:	180	Resp:	88618
Ion Ratio	Lower	Upper	
180	100		
182	96.4	79.7	119.5
145	28.9	22.0	33.0





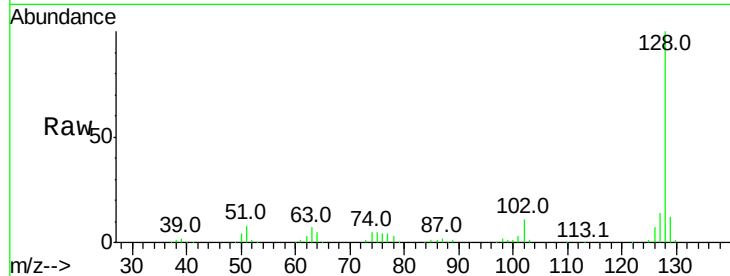
#31
Naphthalene
Concen: 37.26 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.02 min
Lab File: BG019939.D
Acq: 5 Dec 2015 13:09

Instrument :
BNA_G
ClientSampleId :
PB86993BSD

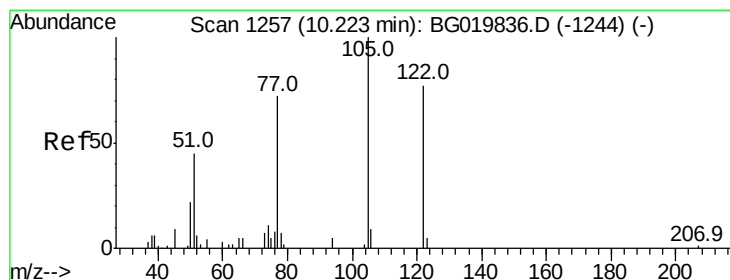
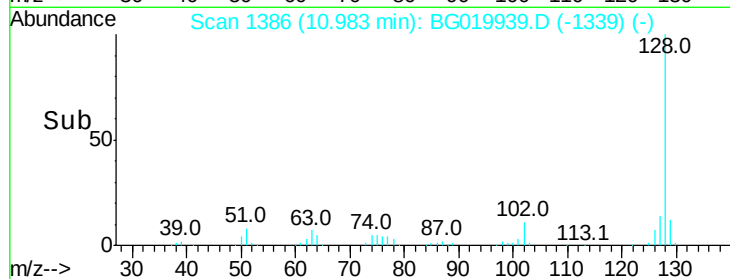
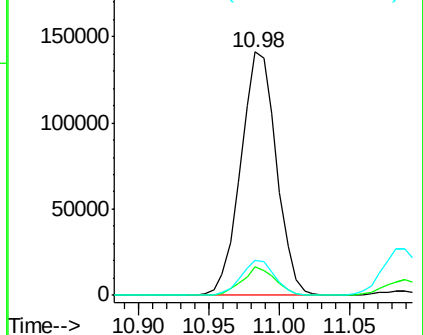
Tot Ion	Ratio	Resp	Lower	Upper
128	100	249418		
129	12.0		8.5	12.7
127	14.2		10.6	16.0

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:29:49 PM

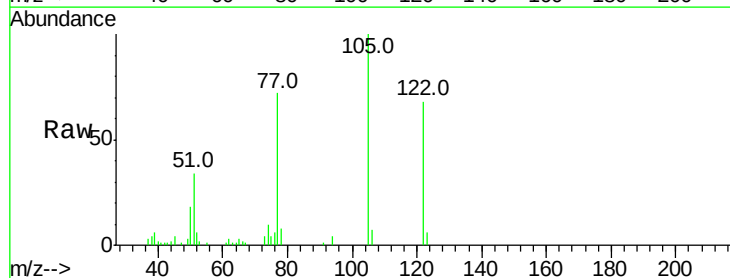


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

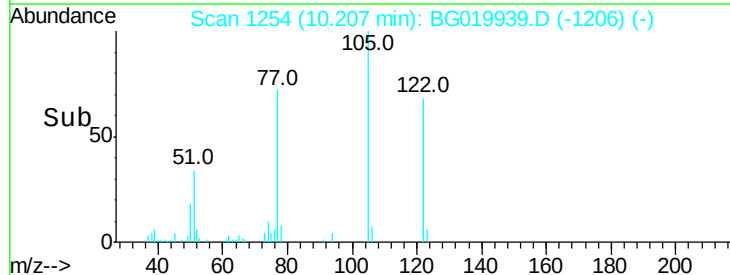
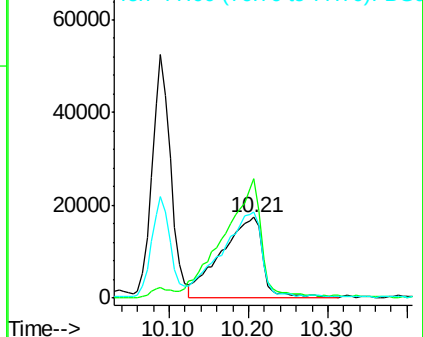


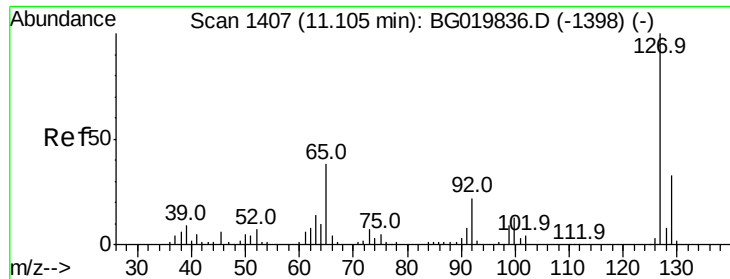
#32
Benzoic acid
Concen: 44.15 ng
RT: 10.21 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BG019939.D
Acq: 5 Dec 2015 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	62771		
105	147.8		103.8	143.8#
77	107.1		68.8	108.8



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





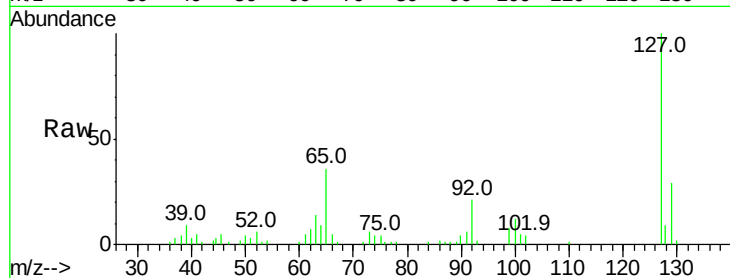
#33
4-Chloroaniline
Concen: 17.44 ng
RT: 11.08 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BG019939.D
Acq: 5 Dec 2015 13:09

Instrument :
BNA_G
ClientSampleId :
PB86993BSD

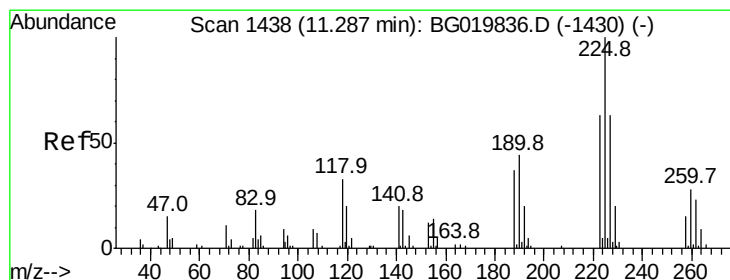
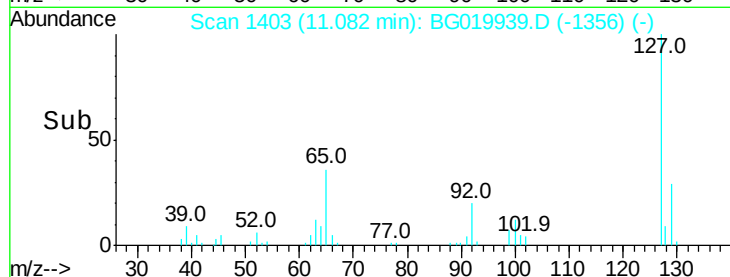
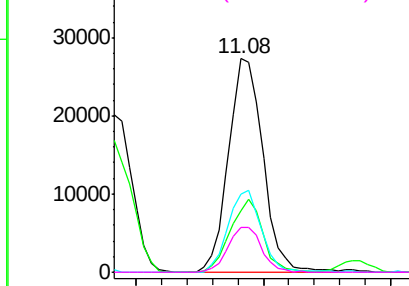
Tot Ion	Ratio	Lower	Upper
127	100		
129	29.0	24.6	37.0
65	36.3	22.6	33.8
92	21.2	15.1	22.7

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:29:49 PM

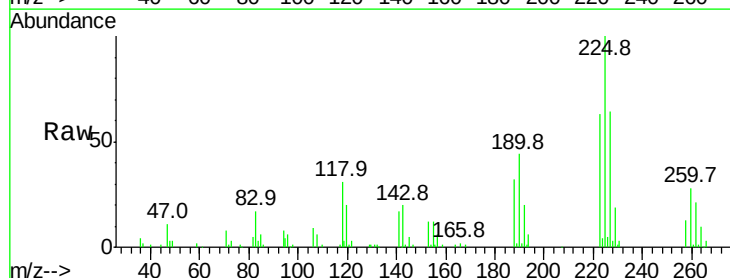


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

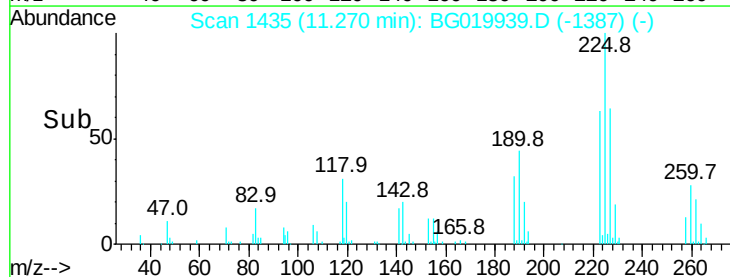
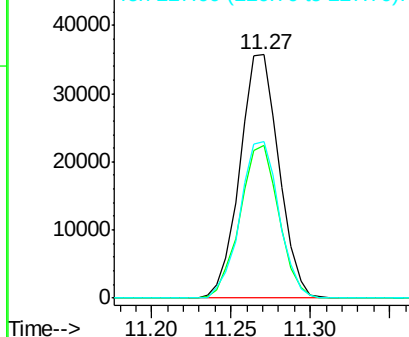


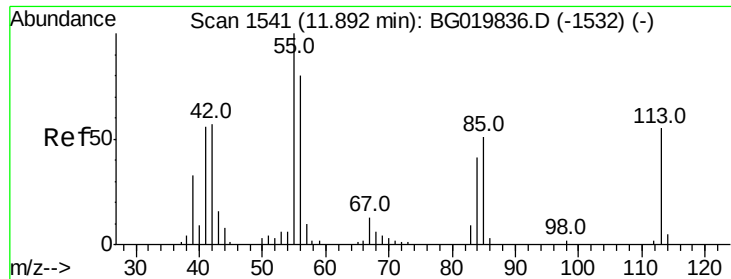
#34
Hexachlorobutadiene
Concen: 33.57 ng
RT: 11.27 min Scan# 1435
Delta R.T. -0.02 min
Lab File: BG019939.D
Acq: 5 Dec 2015 13:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.0	76.4
227	64.1	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: 40.15 ng/ml

RT: 11.86 min Scan# 1535

Delta R.T. -0.03 min

Lab File: BG019939.D

Acq: 5 Dec 2015 13:09

Instrument :

BNA_G

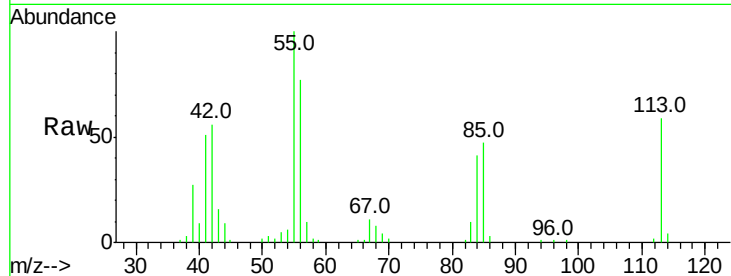
ClientSampleID :

PB86993BSD

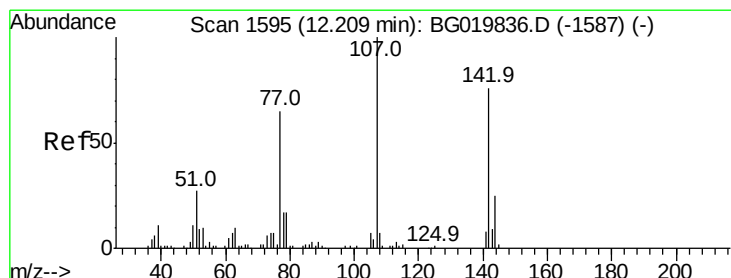
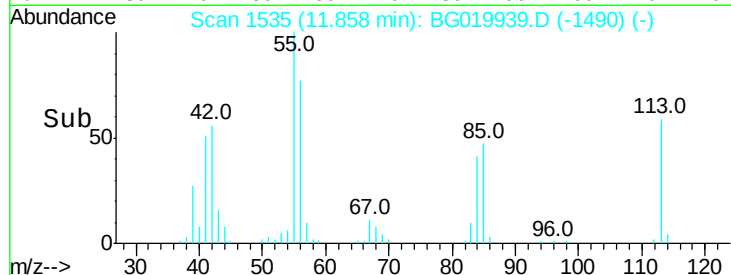
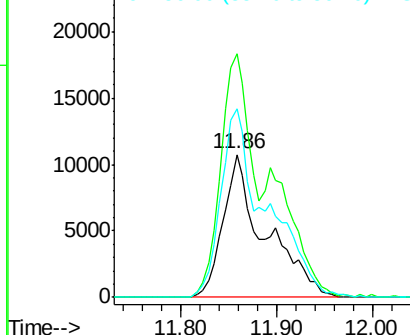
Tot Ion:	113	Resp:	32615
Ion Ratio	Lower	Upper	
113	100		
55	170.2	135.0	175.0
56	131.4	83.4	123.4

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:29:49 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: 39.43 ng/ml

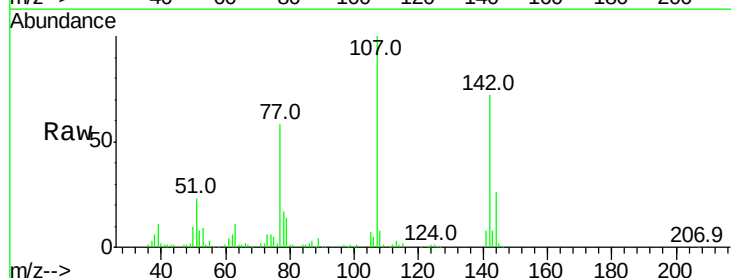
RT: 12.19 min Scan# 1592

Delta R.T. -0.02 min

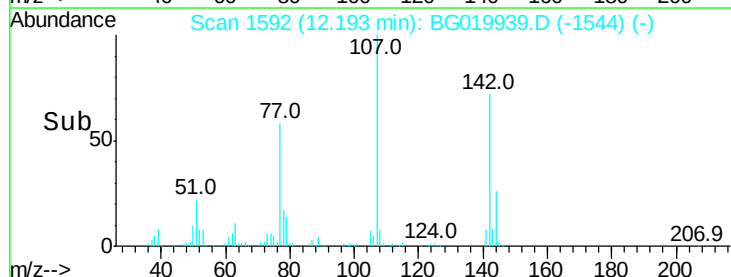
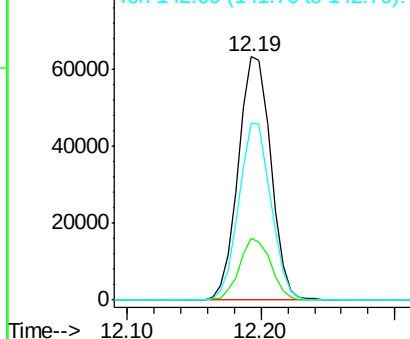
Lab File: BG019939.D

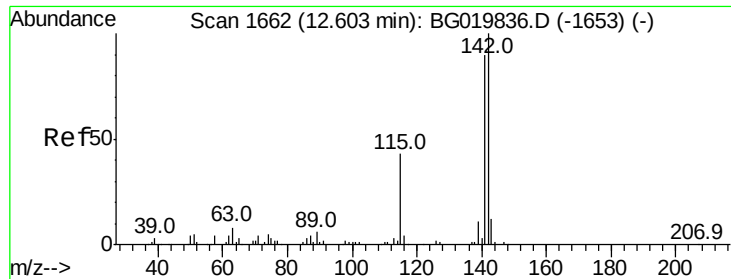
Acq: 5 Dec 2015 13:09

Tgt Ion:	107	Resp:	107168
Ion Ratio	Lower	Upper	
107	100		
144	25.6	20.6	31.0
142	72.5	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





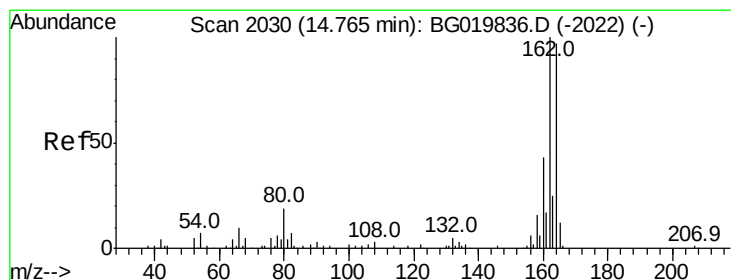
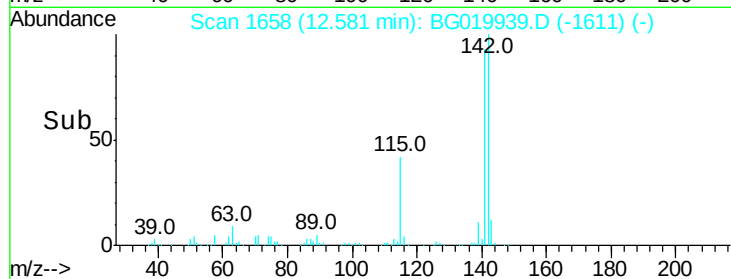
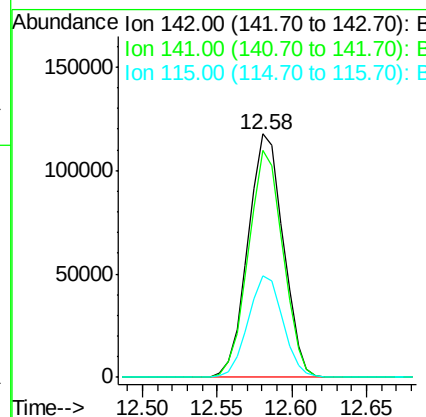
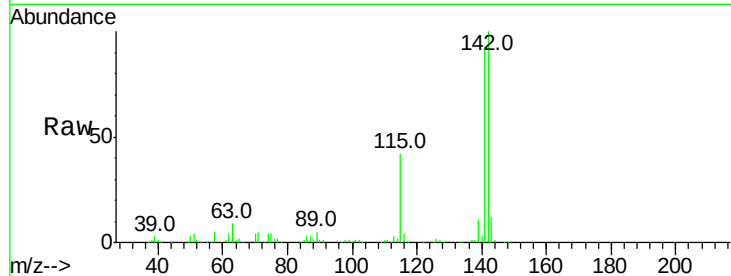
#37
2-Methylnaphthalene
Concen: 39.12 ng
RT: 12.58 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG019939.D
Acq: 5 Dec 2015 13:09

Instrument :
BNA_G
ClientSampleId :
PB86993BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.4	74.6	112.0
115	41.8	27.4	41.0

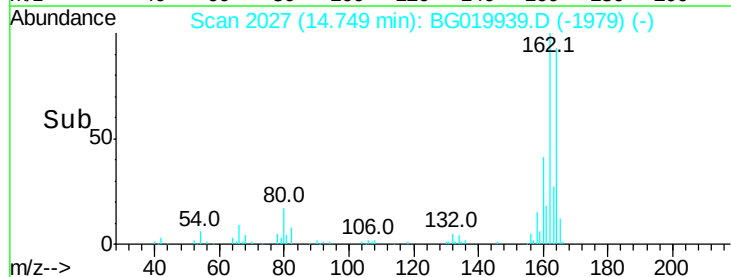
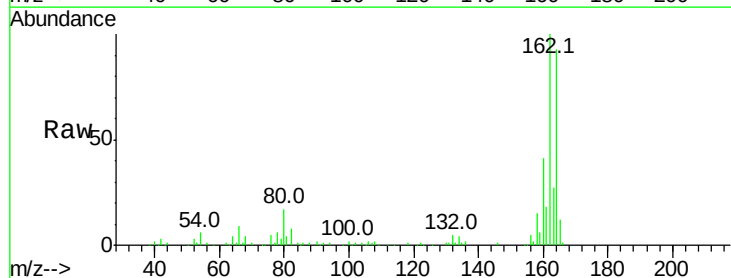
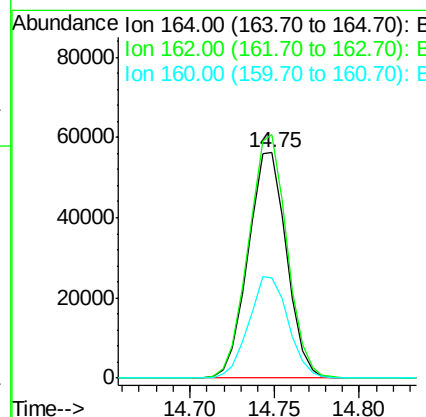
Manual Integrations
APPROVED

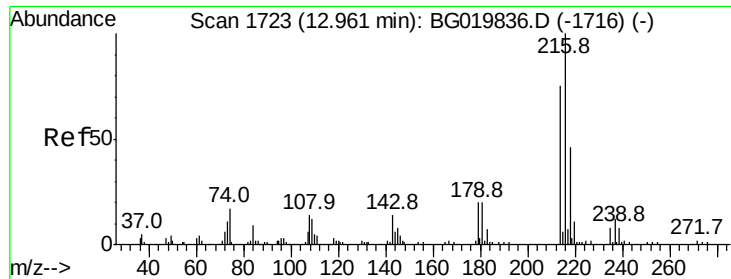
Mmdadoda
12/7/2015 6:29:49 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BG019939.D
Acq: 5 Dec 2015 13:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.0	78.8	118.2
160	44.3	36.4	54.6





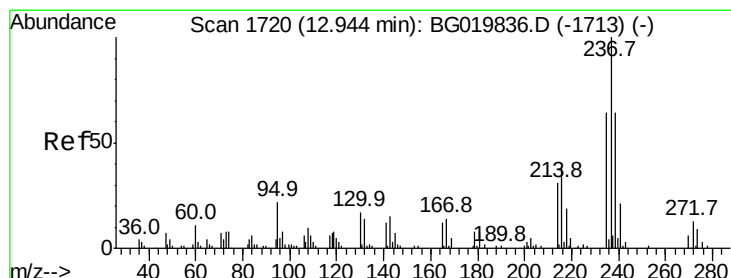
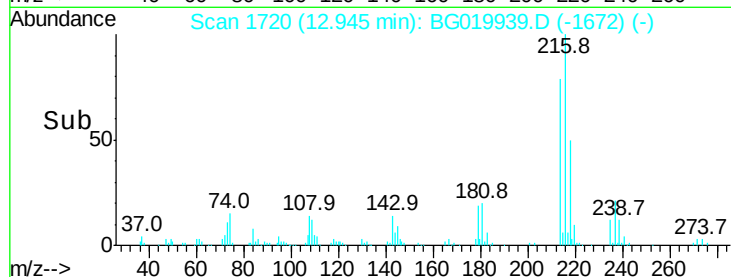
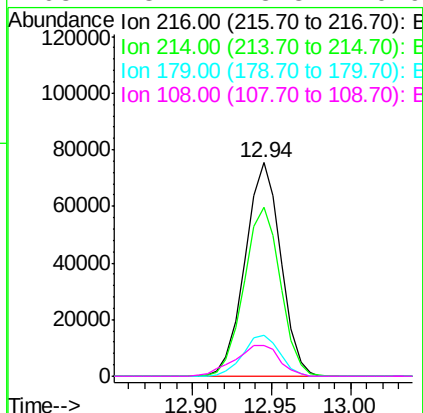
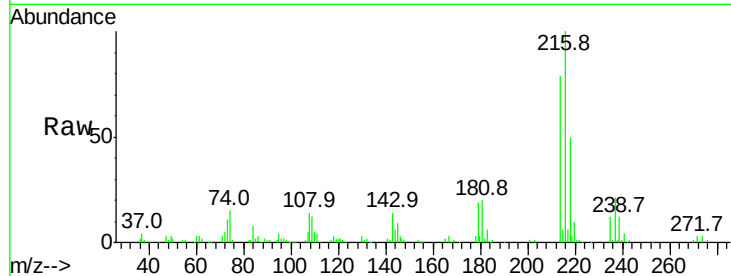
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.06 ng
 RT: 12.94 min Scan# 1720
 Delta R.T. -0.02 min
 Lab File: BG019939.D
 Acq: 5 Dec 2015 13:09

Instrument :
 BNA_G
 ClientSampleId :
 PB86993BSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.3	62.5	93.7	
179	19.7	15.6	23.4	
108	18.1	13.3	19.9	

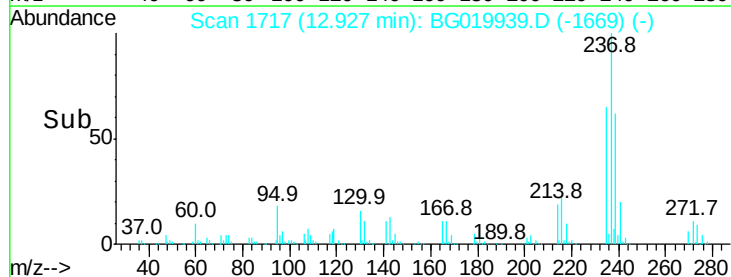
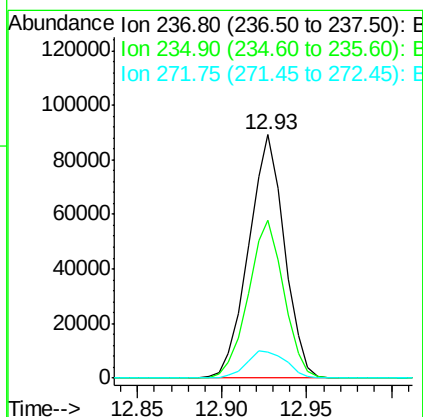
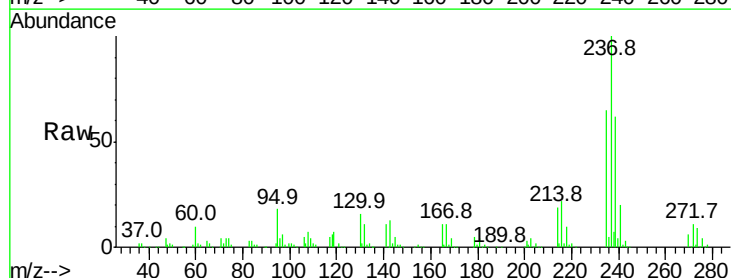
Manual Integrations
 APPROVED

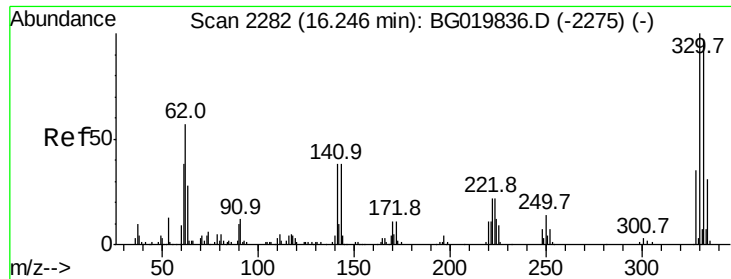
Mmdadoda
 12/7/2015 6:29:49 PM



#40
 Hexachlorocyclopentadiene
 Concen: 68.28 ng
 RT: 12.93 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG019939.D
 Acq: 5 Dec 2015 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	65.0	44.6	84.6	
272	10.8	0.0	32.8	





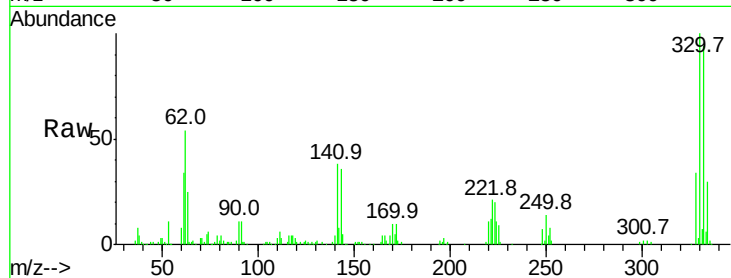
#41
 2,4,6-Tribromophenol
 Concen: 118.04 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BG019939.D
 Acq: 5 Dec 2015 13:09

Instrument :
 BNA_G
 ClientSampleId :
 PB86993BSD

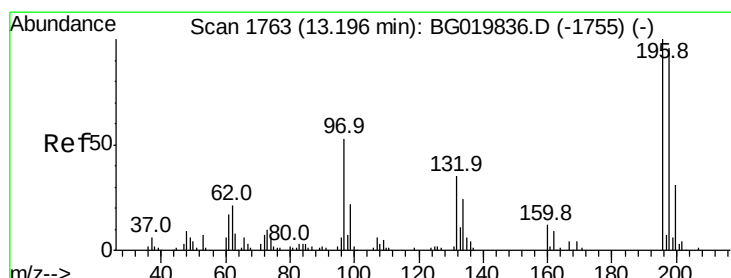
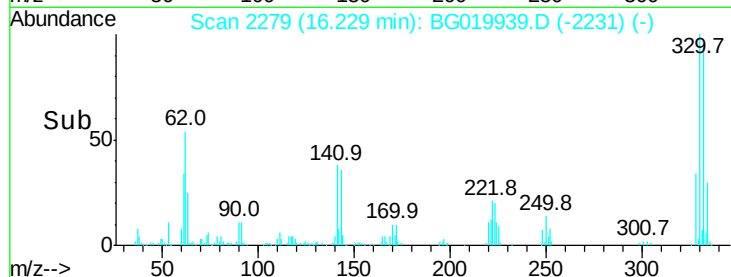
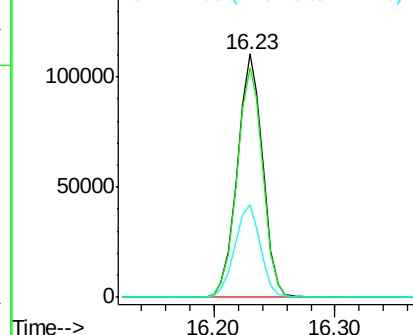
Tot Ion	Ratio	Resp	Lower	Upper
330	100	160708		
332	96.0		78.1	117.1
141	38.6		28.2	42.2

Manual Integrations
 APPROVED

Mmdadoda
 12/7/2015 6:29:49 PM



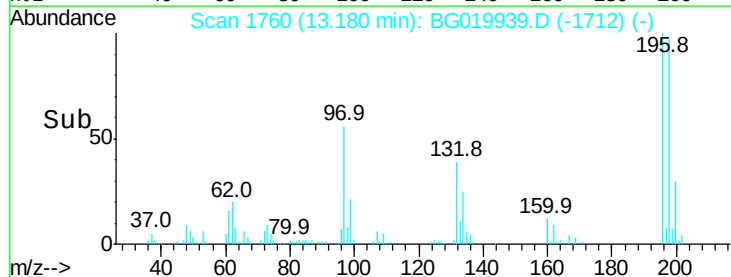
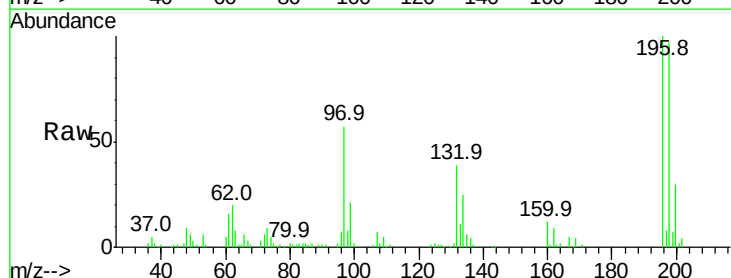
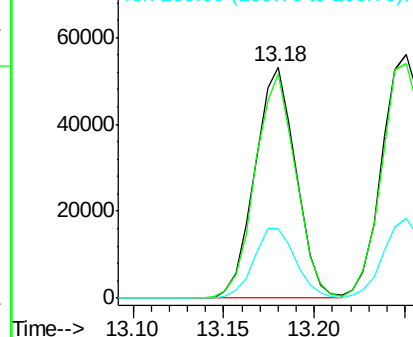
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

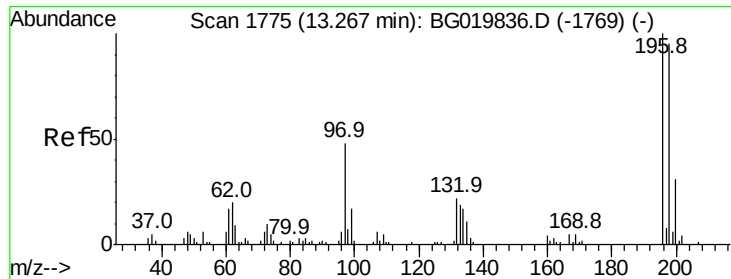


#42
 2,4,6-Trichlorophenol
 Concen: 37.36 ng
 RT: 13.18 min Scan# 1760
 Delta R.T. -0.02 min
 Lab File: BG019939.D
 Acq: 5 Dec 2015 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	83516		
198	96.9		74.7	112.1
200	30.1		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





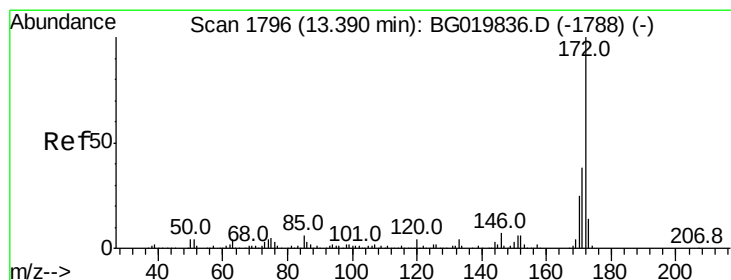
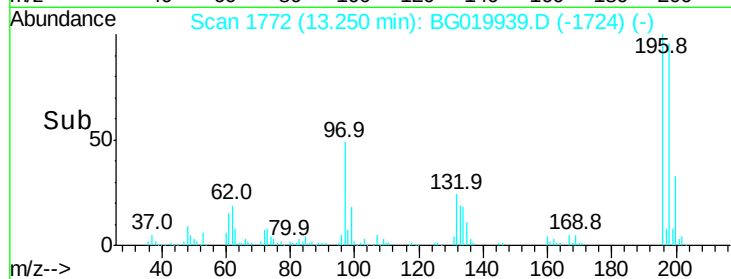
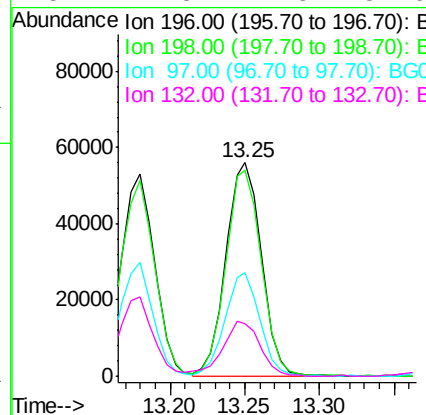
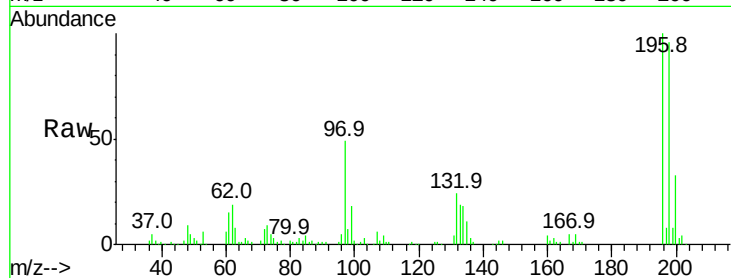
#43
 2,4,5-Trichlorophenol
 Concen: 39.65 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.02 min
 Lab File: BG019939.D
 Acq: 5 Dec 2015 13:09

Instrument :
 BNA_G
 ClientSampleId :
 PB86993BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	93685		
198	96.2		75.2	112.8
97	48.6		34.2	51.2
132	24.3		21.8	32.6

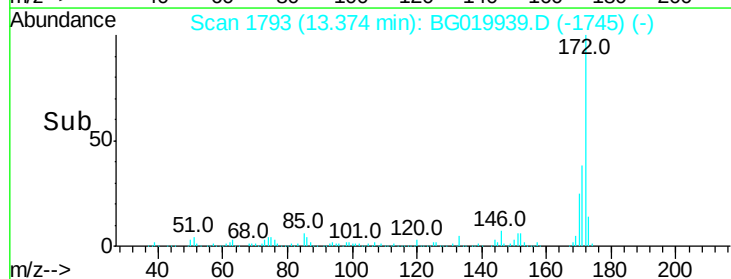
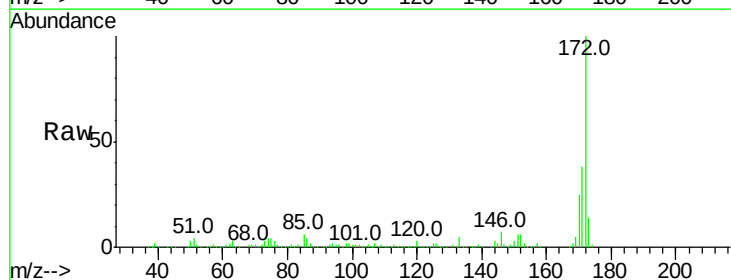
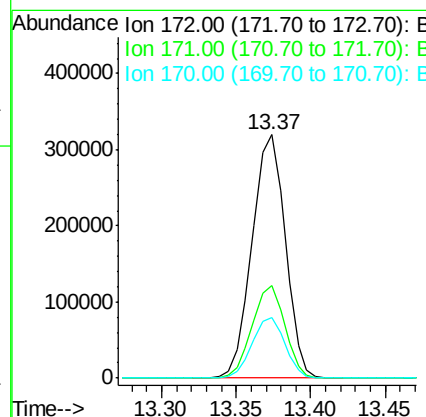
Manual Integrations
 APPROVED

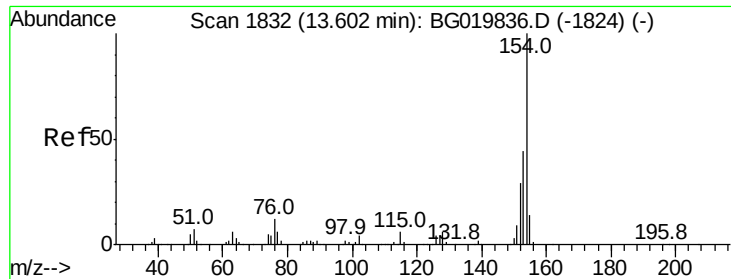
Mmdadoda
 12/7/2015 6:29:49 PM



#44
 2-Fluorobiphenyl
 Concen: 75.38 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. -0.02 min
 Lab File: BG019939.D
 Acq: 5 Dec 2015 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	491251		
171	37.9		29.0	43.6
170	24.9		19.9	29.9





#45

1,1'-Biphenyl

Concen: 34.96 ng

RT: 13.59 min Scan# 1829

Delta R.T. -0.02 min

Lab File: BG019939.D

Acq: 5 Dec 2015 13:09

Instrument :

BNA_G

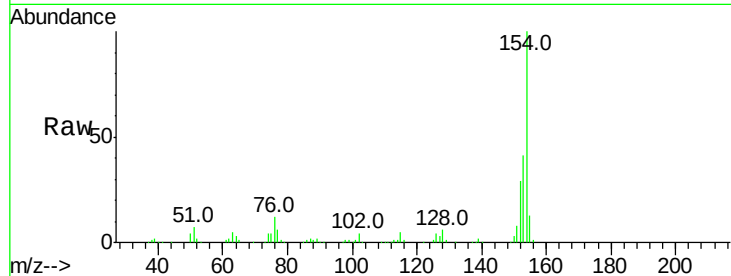
ClientSampleId :

PB86993BSD

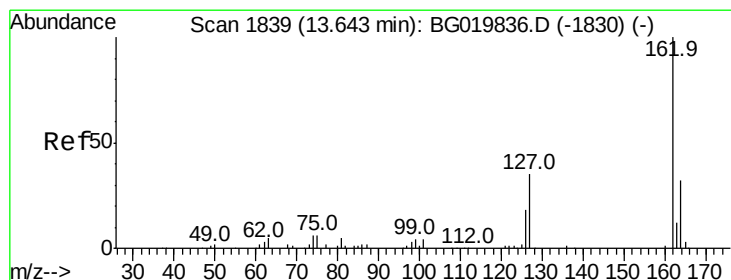
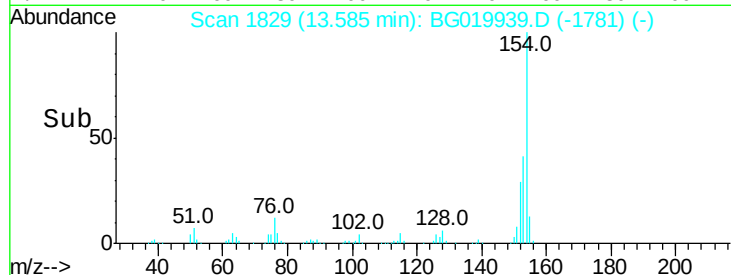
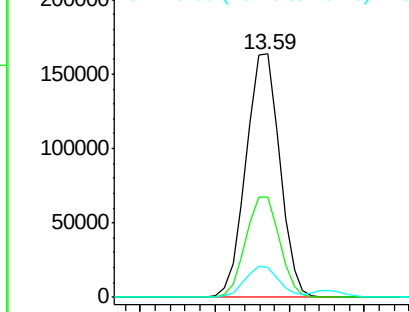
Tot Ion:	154	Resp:	255312
Ion Ratio	Lower	Upper	
154	100		
153	41.3	21.9	61.9
76	12.0	0.0	33.2

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:29:49 PM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): B



#46

2-Chloronaphthalene

Concen: 36.36 ng

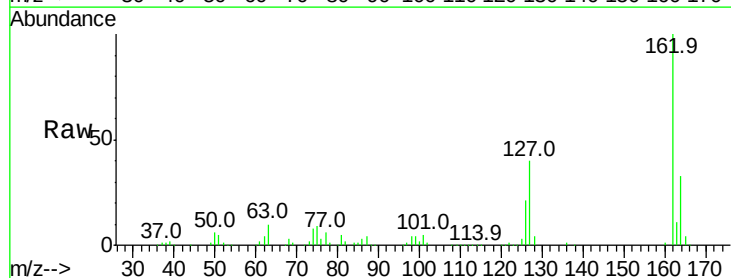
RT: 13.63 min Scan# 1836

Delta R.T. -0.02 min

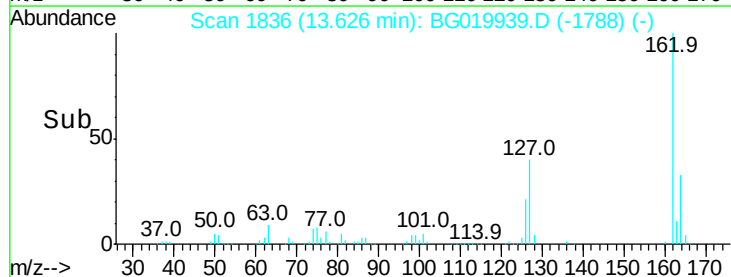
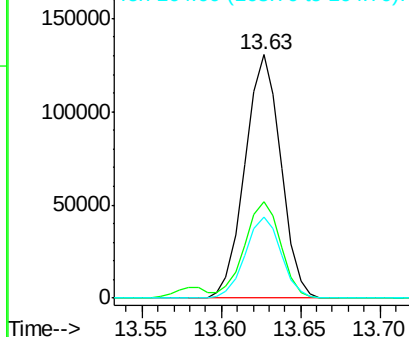
Lab File: BG019939.D

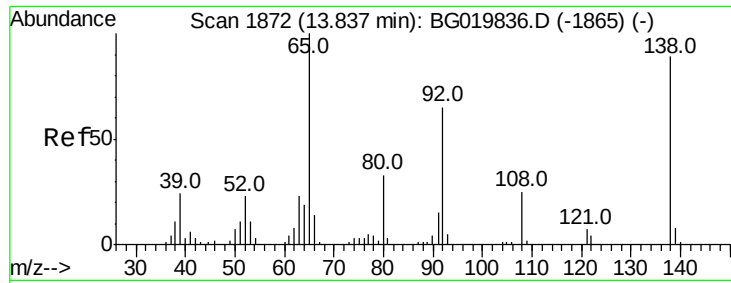
Acq: 5 Dec 2015 13:09

Tgt Ion:	162	Resp:	204690
Ion Ratio	Lower	Upper	
162	100		
127	39.8	28.3	42.5
164	33.4	27.4	41.0



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 42.41 ng

RT: 13.82 min Scan# 1869

Delta R.T. -0.02 min

Lab File: BG019939.D

Acq: 5 Dec 2015 13:09

Instrument :

BNA_G

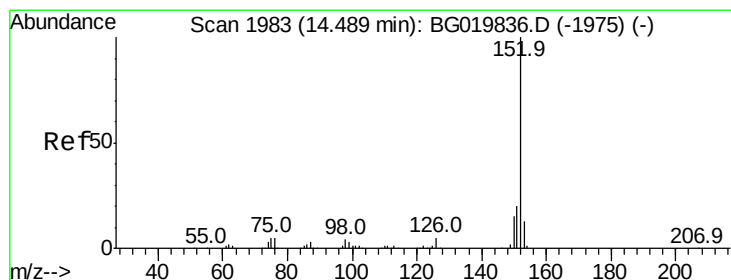
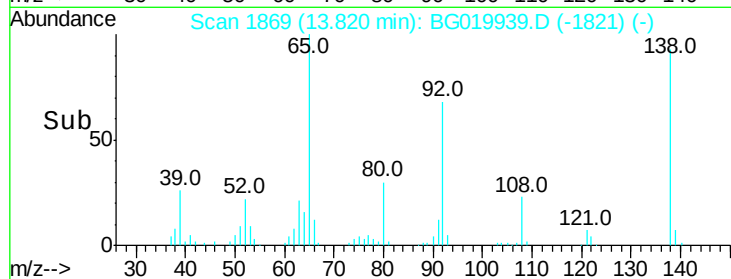
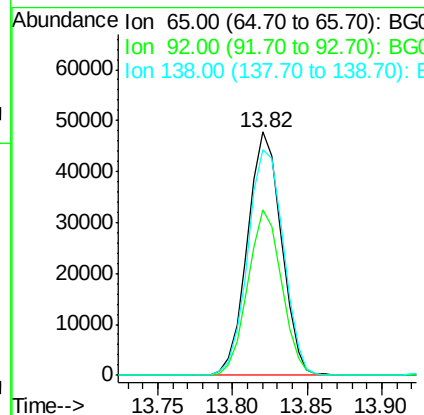
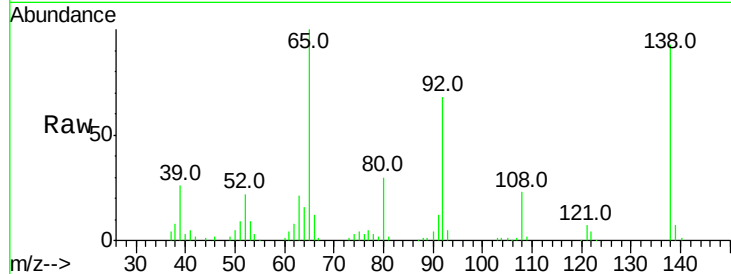
ClientSampleId :

PB86993BSD

Tot Ion:	65	Resp:	75406
Ion Ratio	Lower	Upper	
65	100		
92	67.9	54.8	82.2
138	92.6	89.6	134.4

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:29:49 PM



#48

Acenaphthylene

Concen: 35.89 ng

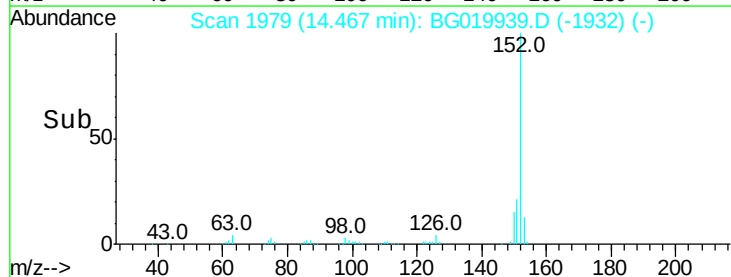
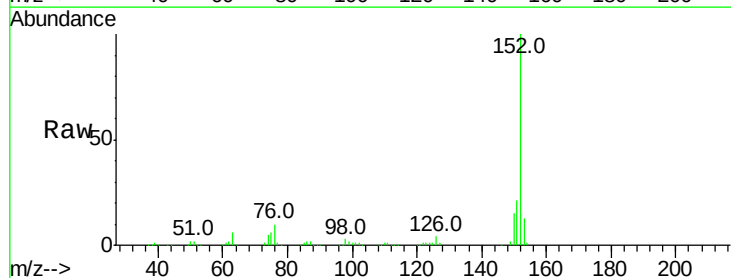
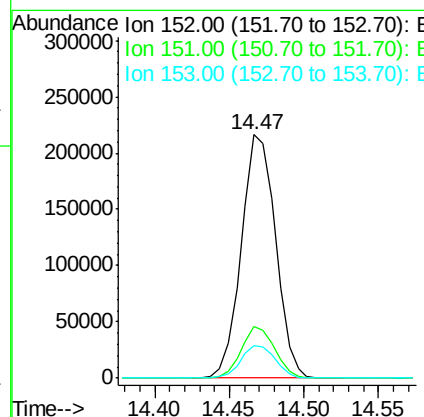
RT: 14.47 min Scan# 1979

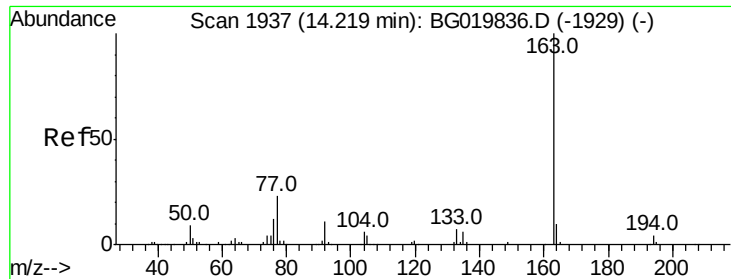
Delta R.T. -0.02 min

Lab File: BG019939.D

Acq: 5 Dec 2015 13:09

Tgt Ion:	152	Resp:	344079
Ion Ratio	Lower	Upper	
152	100		
151	21.4	17.0	25.4
153	13.1	10.4	15.6





#49

Dimethylphthalate

Concen: 35.78 ng

RT: 14.20 min Scan# 1933

Delta R.T. -0.02 min

Lab File: BG019939.D

Acq: 5 Dec 2015 13:09

Instrument :

BNA_G

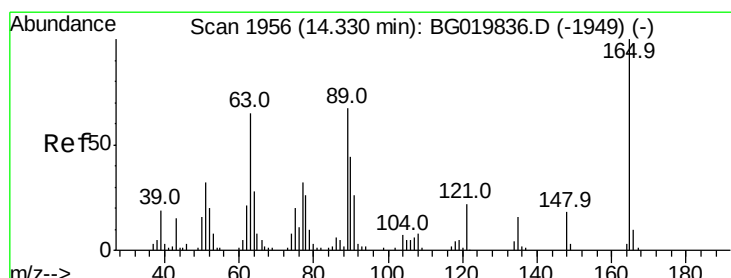
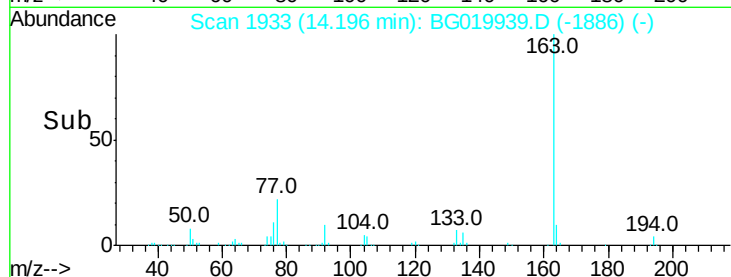
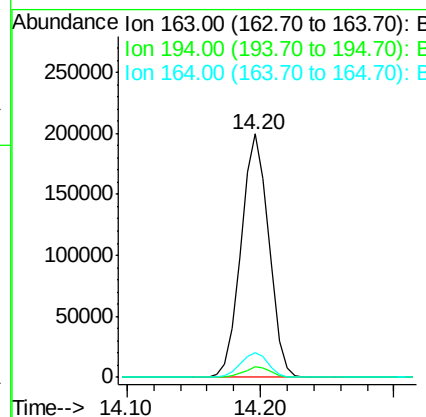
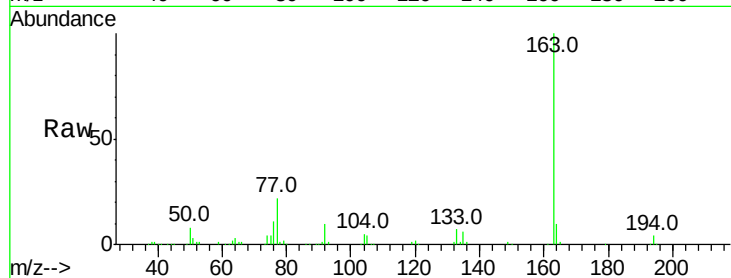
ClientSampleId :

PB86993BSD

Tot Ion:	163	Resp:	286400
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.1	4.7
164	10.2	8.8	13.2

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:29:49 PM



#50

2,6-Dinitrotoluene

Concen: 42.30 ng

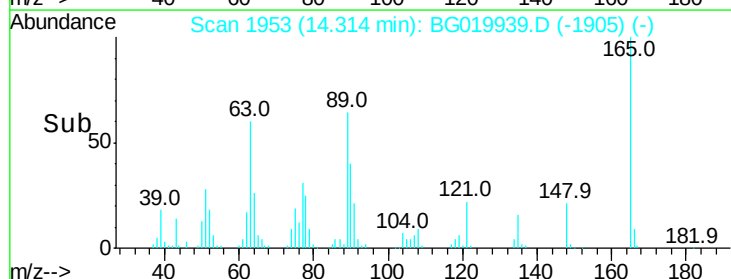
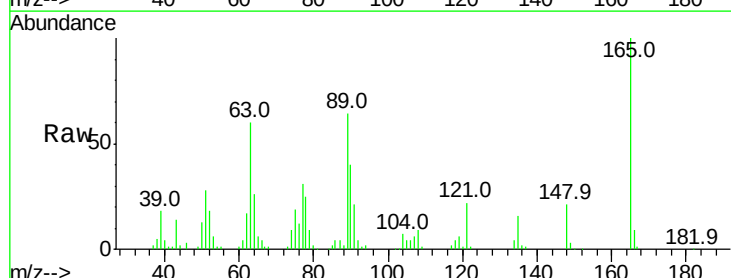
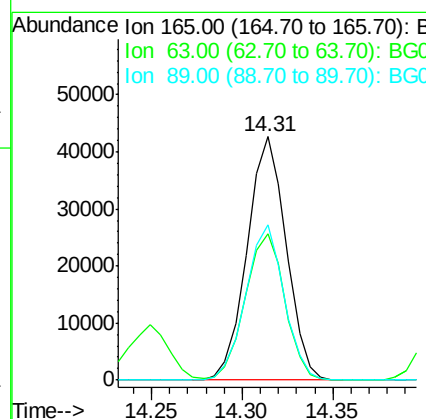
RT: 14.31 min Scan# 1953

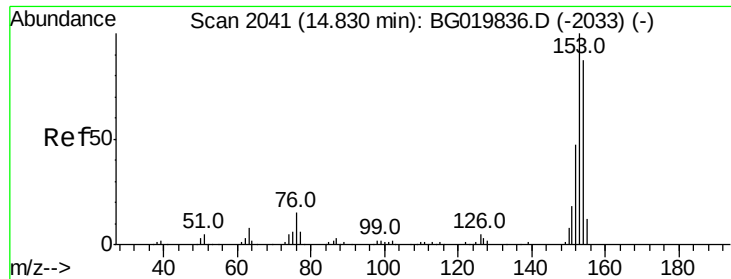
Delta R.T. -0.02 min

Lab File: BG019939.D

Acq: 5 Dec 2015 13:09

Tgt Ion:	165	Resp:	63655
Ion Ratio	Lower	Upper	
165	100		
63	60.1	35.7	53.5#
89	63.6	39.7	59.5#





#51

Acenaphthene

Concen: 37.03 ng

RT: 14.81 min Scan# 2038

Delta R.T. -0.02 min

Lab File: BG019939.D

Acq: 5 Dec 2015 13:09

Instrument :

BNA_G

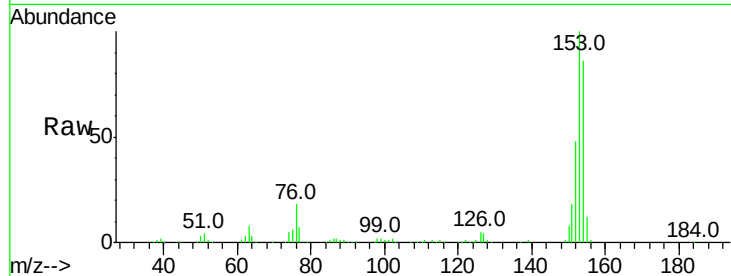
ClientSampleId :

PB86993BSD

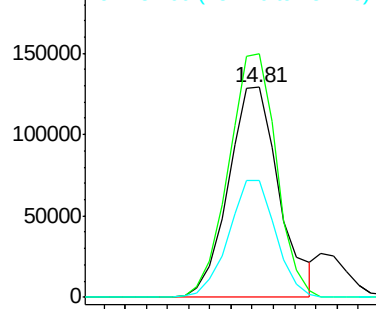
Tot Ion:	154	Resp:	215433
Ion Ratio	Lower	Upper	
154	100		
153	115.8	92.9	139.3
152	55.8	45.8	68.8

Manual Integrations
APPROVED

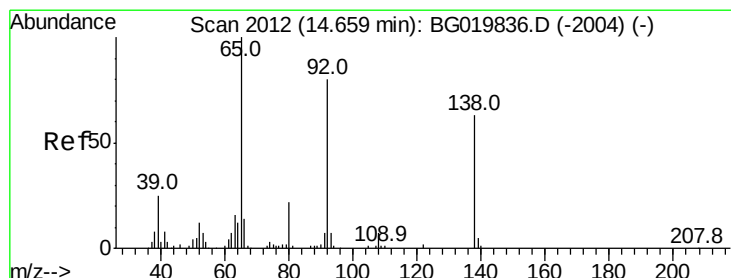
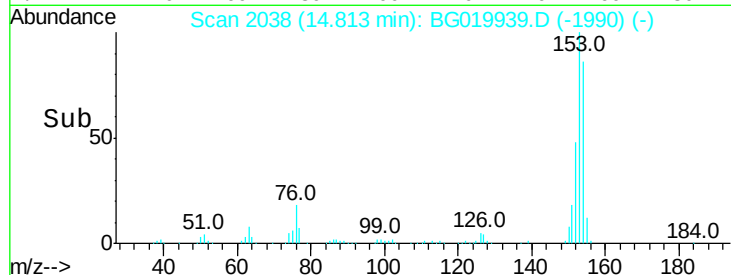
Mmdadoda
12/7/2015 6:29:49 PM



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



Time-->



#52

3-Nitroaniline

Concen: 30.09 ng

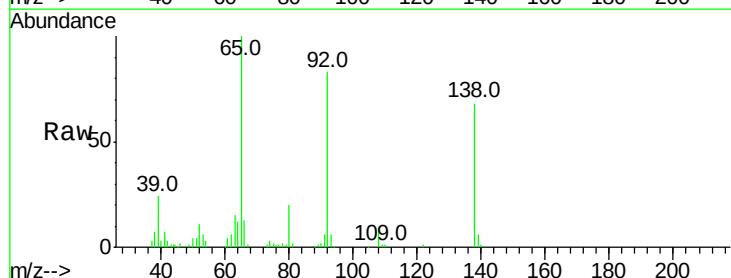
RT: 14.64 min Scan# 2009

Delta R.T. -0.02 min

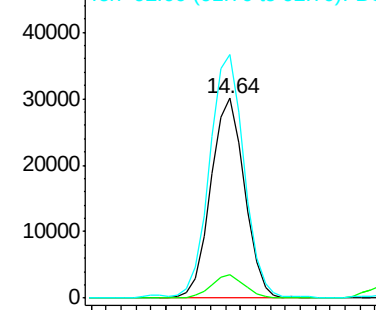
Lab File: BG019939.D

Acq: 5 Dec 2015 13:09

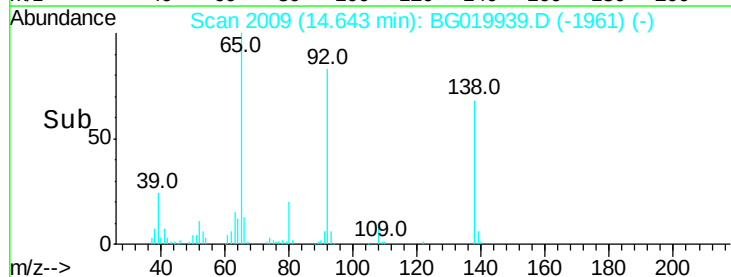
Tgt Ion:	138	Resp:	47042
Ion Ratio	Lower	Upper	
138	100		
108	11.8	7.9	11.9
92	121.8	94.2	141.4

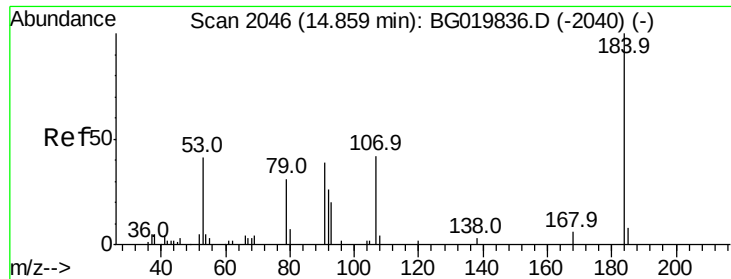


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGO



Time-->





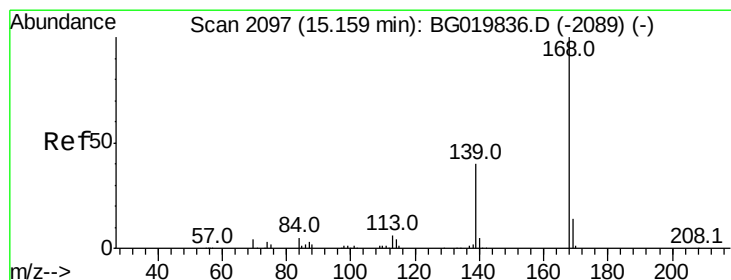
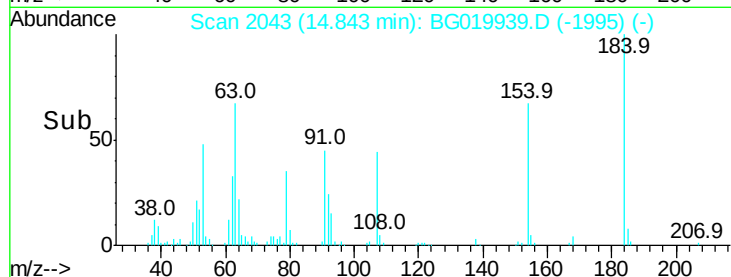
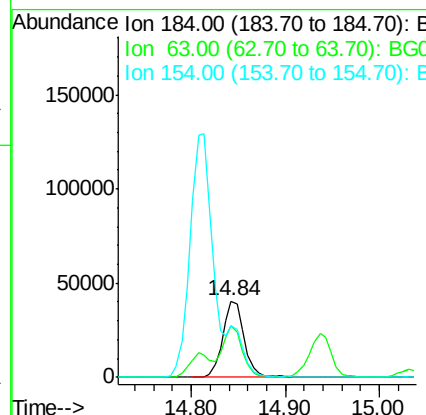
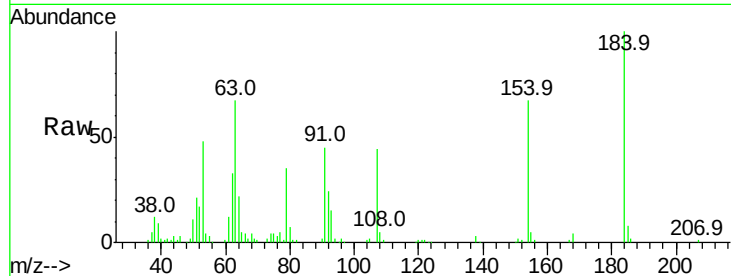
#53
2,4-Dinitrophenol
Concen: 81.34 ng
RT: 14.84 min Scan# 2043
Delta R.T. -0.02 min
Lab File: BG019939.D
Acq: 5 Dec 2015 13:09

Instrument :
BNA_G
ClientSampleId :
PB86993BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	66.7	42.7	64.1#
154	67.2	44.3	66.5#

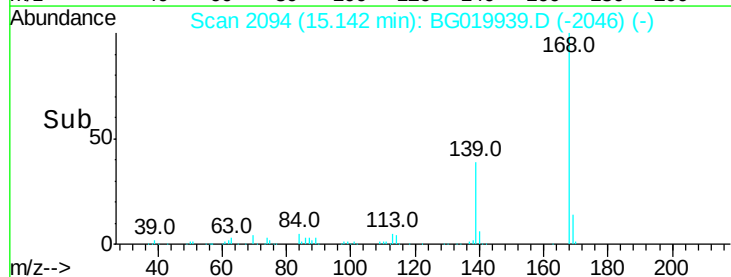
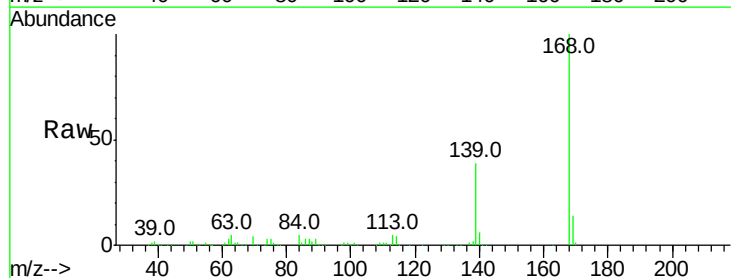
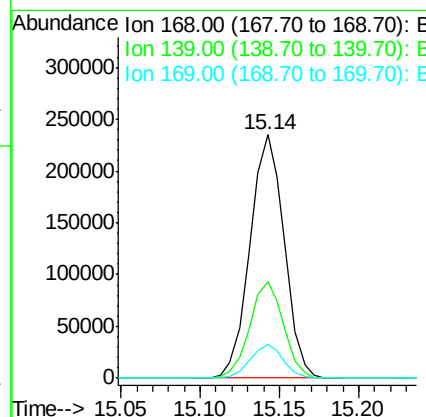
Manual Integrations
APPROVED

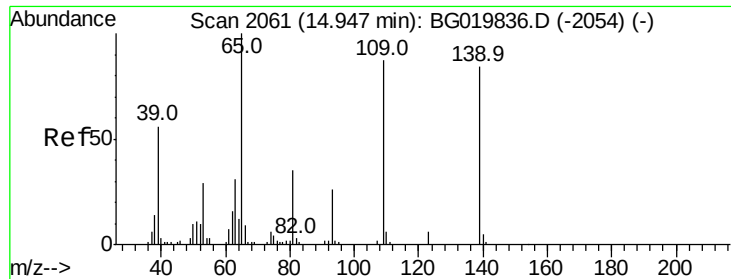
Mmdadoda
12/7/2015 6:29:49 PM



#54
Dibenzofuran
Concen: 40.53 ng
RT: 15.14 min Scan# 2094
Delta R.T. -0.02 min
Lab File: BG019939.D
Acq: 5 Dec 2015 13:09

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.4	27.4	41.0
169	13.7	11.0	16.4





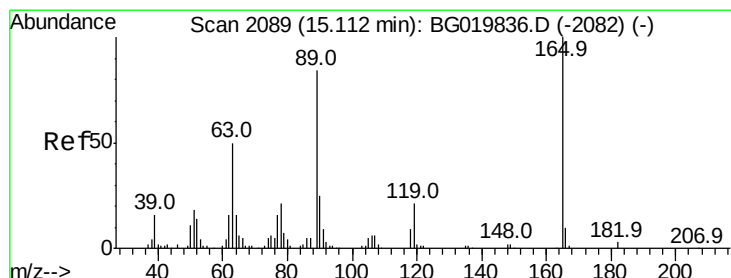
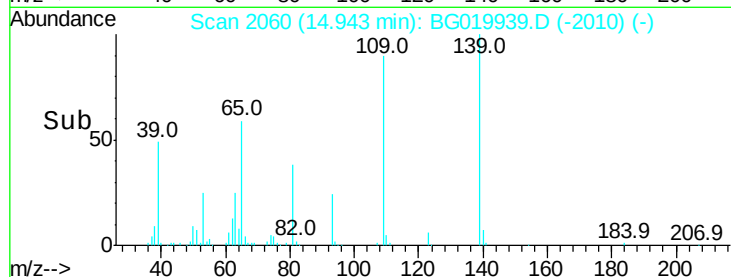
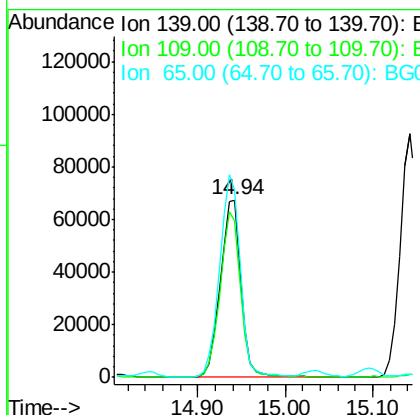
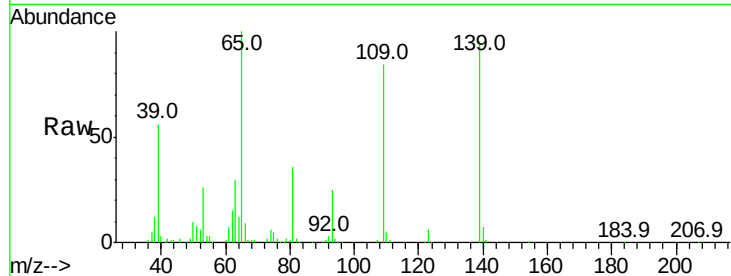
#55
4-Nitrophenol
Concen: 82.36 ng
RT: 14.94 min Scan# 2060
Delta R.T. -0.00 min
Lab File: BG019939.D
Acq: 5 Dec 2015 13:09

Instrument :
BNA_G
ClientSampleId :
PB86993BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	88.6	43.2	83.2#	
65	105.8	67.8	107.8	

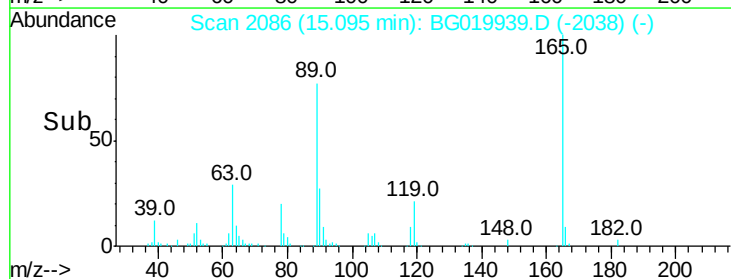
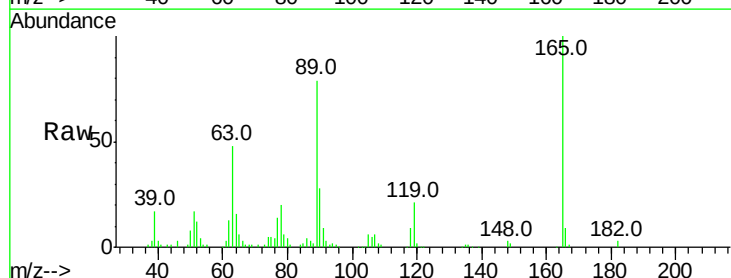
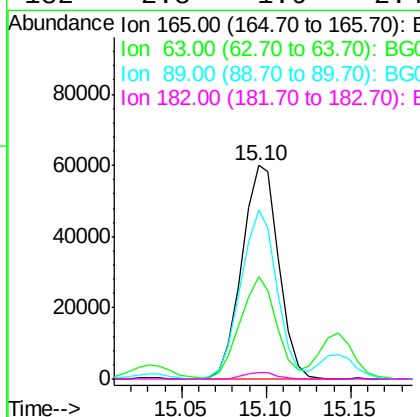
Manual Integrations
APPROVED

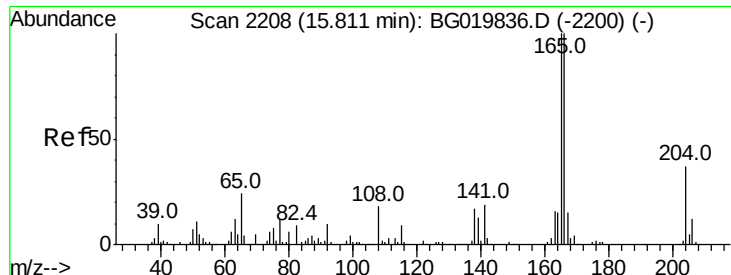
Mmdadoda
12/7/2015 6:29:49 PM



#56
2,4-Dinitrotoluene
Concen: 43.21 ng
RT: 15.10 min Scan# 2086
Delta R.T. -0.02 min
Lab File: BG019939.D
Acq: 5 Dec 2015 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	47.9	31.0	46.4#	
89	79.4	54.4	81.6	
182	2.8	1.6	2.4#	





#57

Fluorene

Concen: 36.43 ng

RT: 15.79 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG019939.D

Acq: 5 Dec 2015 13:09

Instrument :

BNA_G

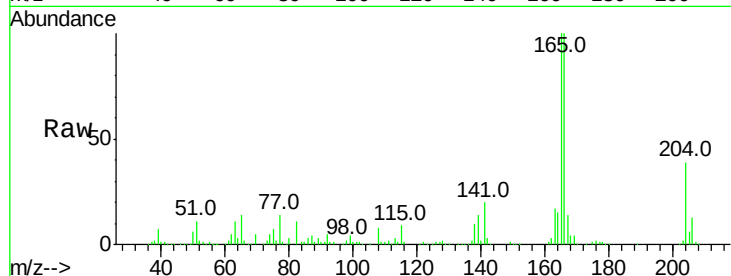
ClientSampleId :

PB86993BSD

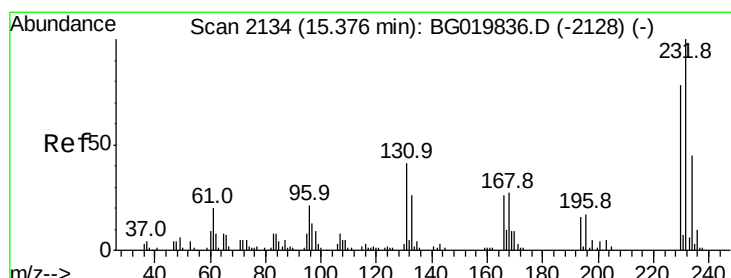
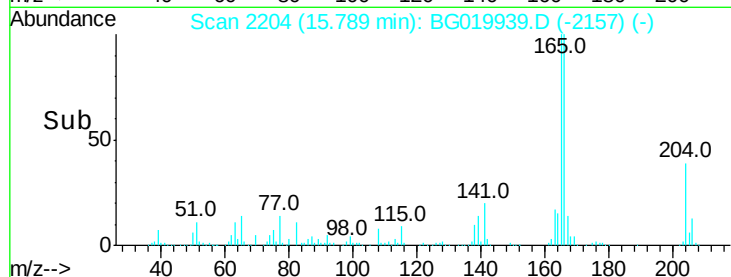
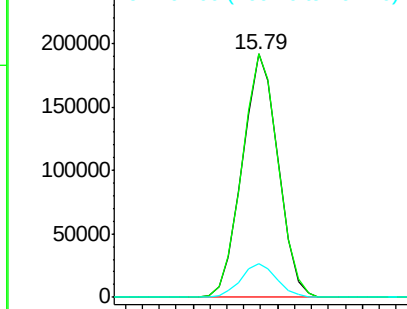
Tot Ion:	166	Resp:	282181
Ion Ratio	Lower	Upper	
166	100		
165	100.1	80.0	120.0
167	14.1	11.1	16.7

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:29:49 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: 41.46 ng

RT: 15.36 min Scan# 2131

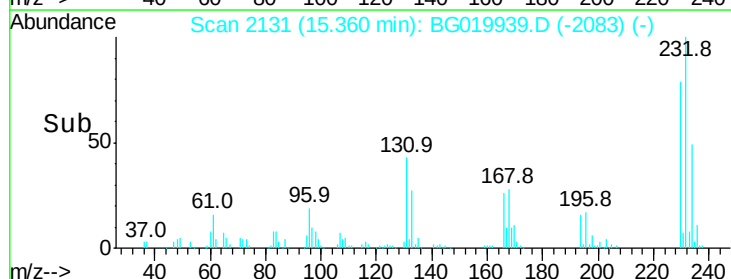
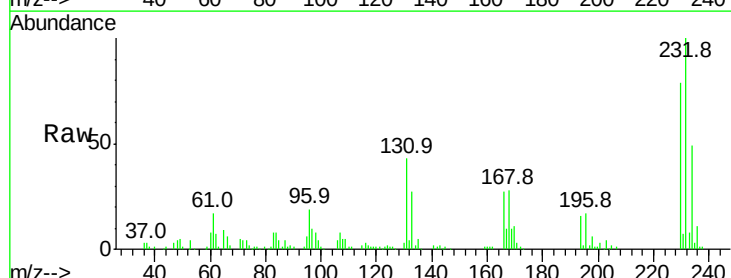
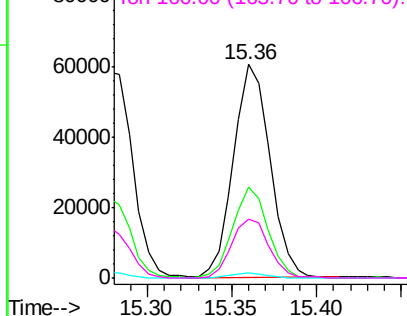
Delta R.T. -0.02 min

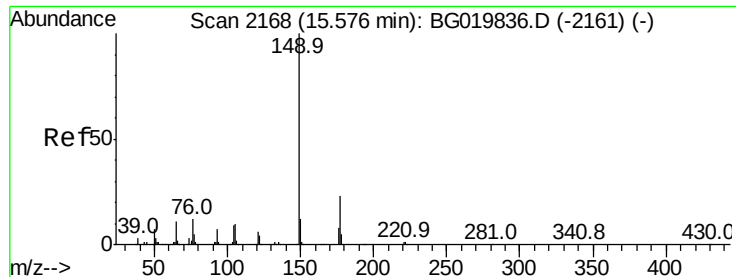
Lab File: BG019939.D

Acq: 5 Dec 2015 13:09

Tgt Ion:	232	Resp:	90662
Ion Ratio	Lower	Upper	
232	100		
131	41.2	33.0	49.6
130	2.3	2.0	3.0
166	28.4	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: 35.14 ng

RT: 15.55 min Scan# 2164

Delta R.T. -0.02 min

Lab File: BG019939.D

Acq: 5 Dec 2015 13:09

Instrument :

BNA_G

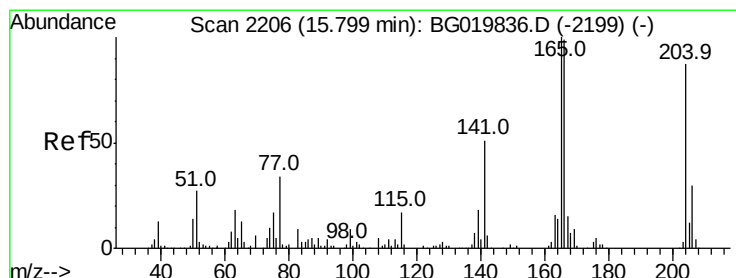
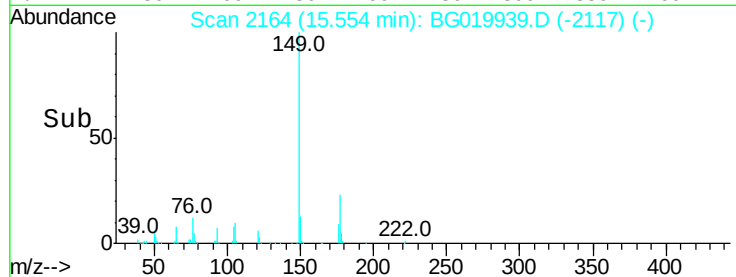
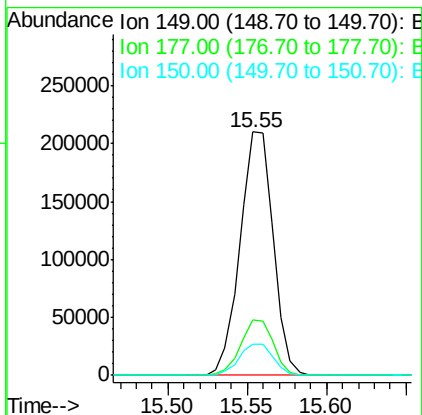
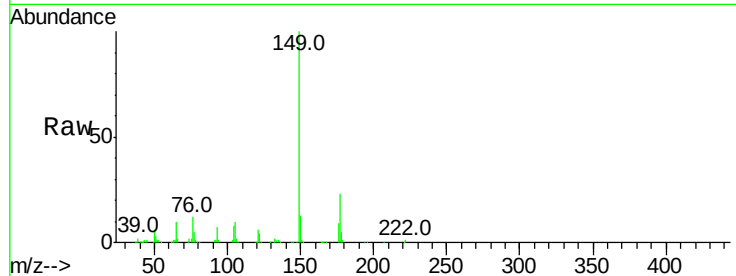
ClientSampleId :

PB86993BSD

Tot Ion:	149	Resp:	304420
Ion Ratio	Lower	Upper	
149	100		
177	22.6	19.6	29.4
150	13.0	10.2	15.2

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:29:49 PM



#60

4-Chlorophenyl-phenylether

Concen: 34.42 ng

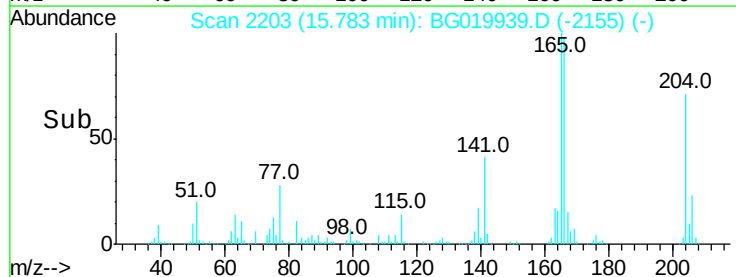
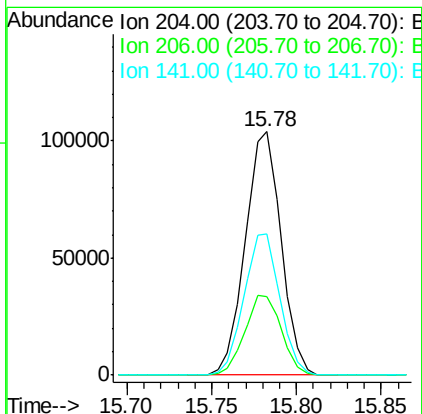
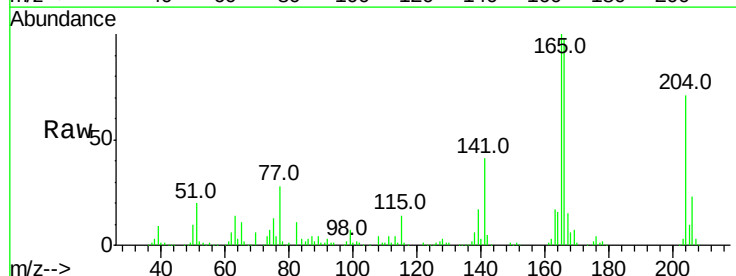
RT: 15.78 min Scan# 2203

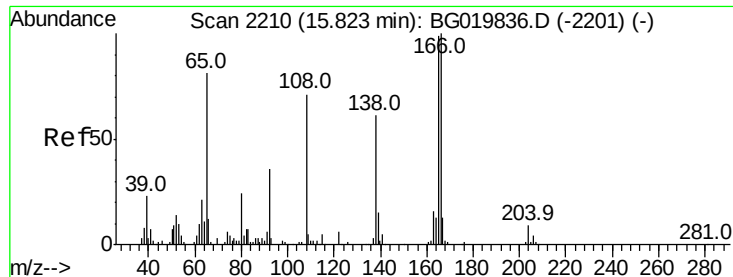
Delta R.T. -0.02 min

Lab File: BG019939.D

Acq: 5 Dec 2015 13:09

Tgt Ion:	204	Resp:	153087
Ion Ratio	Lower	Upper	
204	100		
206	32.4	28.3	42.5
141	57.8	44.0	66.0





#61

4-Nitroaniline

Concen: 39.18 ng

RT: 15.81 min Scan# 2207

Delta R.T. -0.02 min

Lab File: BG019939.D

Acq: 5 Dec 2015 13:09

Instrument :

BNA_G

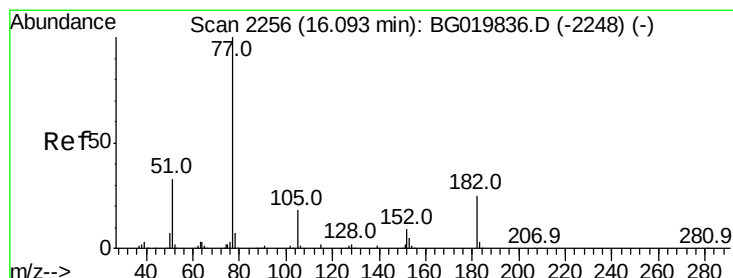
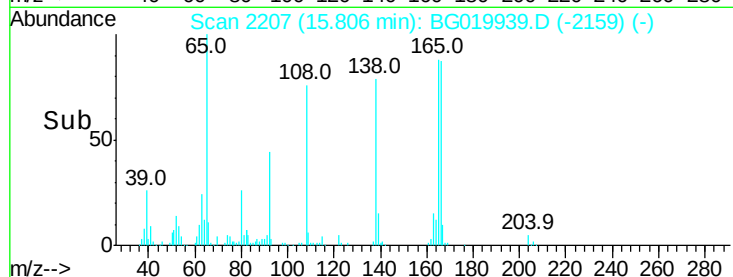
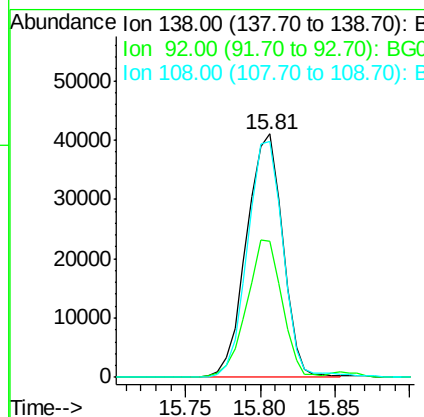
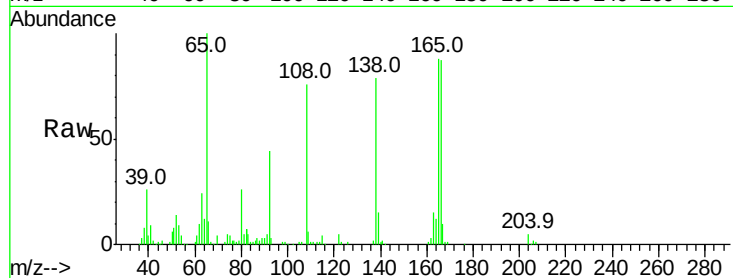
ClientSampleId :

PB86993BSD

Tot Ion:	138	Resp:	68895
Ion Ratio	Lower	Upper	
138	100		
92	55.7	29.1	69.1
108	96.8	49.8	89.8

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:29:49 PM



#62

Azobenzene

Concen: 40.61 ng

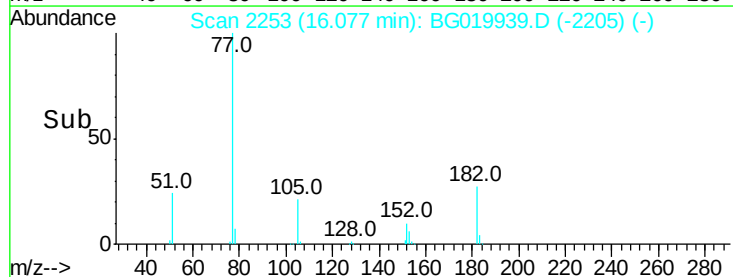
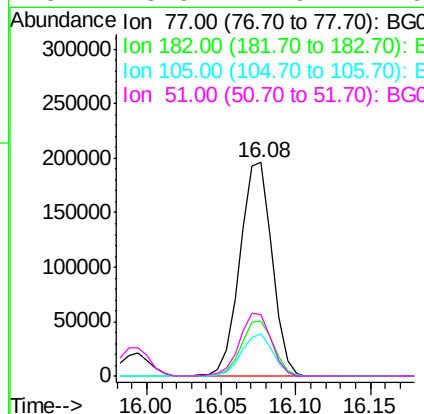
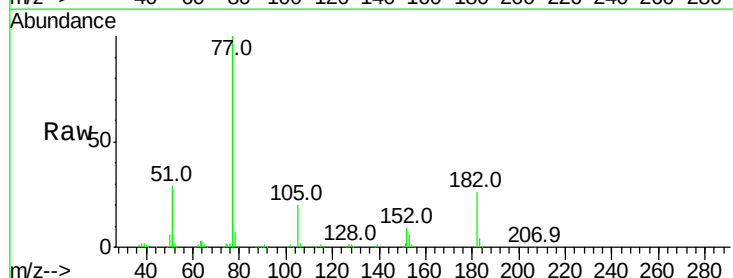
RT: 16.08 min Scan# 2253

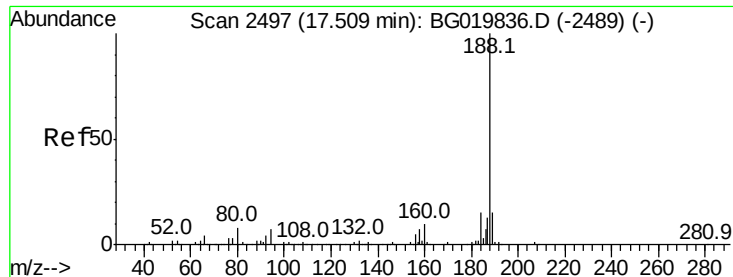
Delta R.T. -0.02 min

Lab File: BG019939.D

Acq: 5 Dec 2015 13:09

Tgt Ion:	77	Resp:	292755
Ion Ratio	Lower	Upper	
77	100		
182	25.5	7.0	47.0
105	19.6	1.4	41.4
51	28.9	4.9	44.9





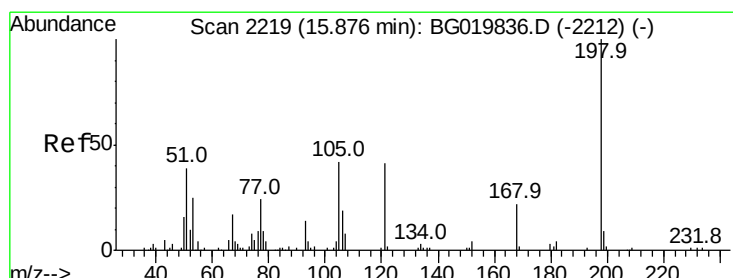
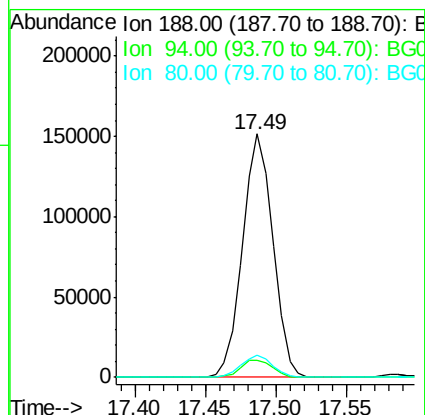
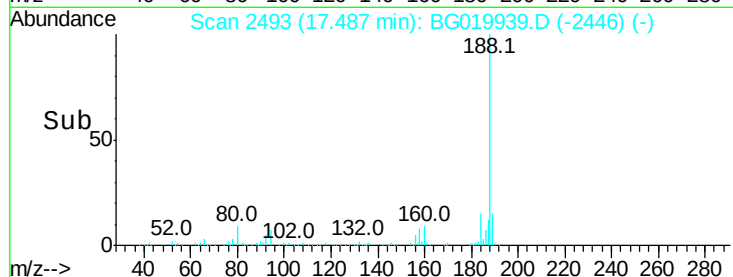
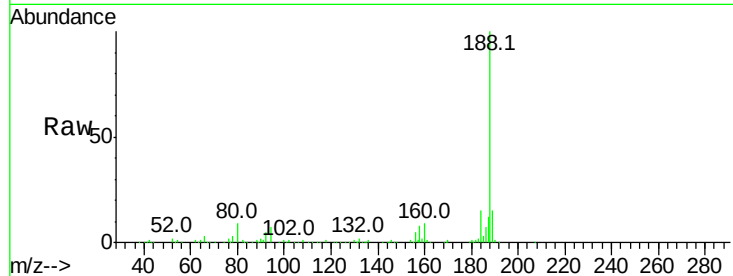
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2493
Delta R.T. -0.02 min
Lab File: BG019939.D
Acq: 5 Dec 2015 13:09

Instrument :
BNA_G
ClientSampleId :
PB86993BSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	6.9	7.7	11.5#
80	9.2	7.8	11.8

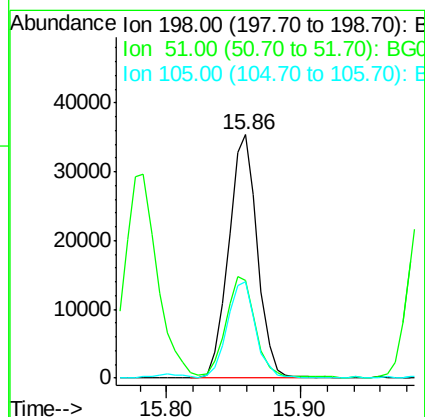
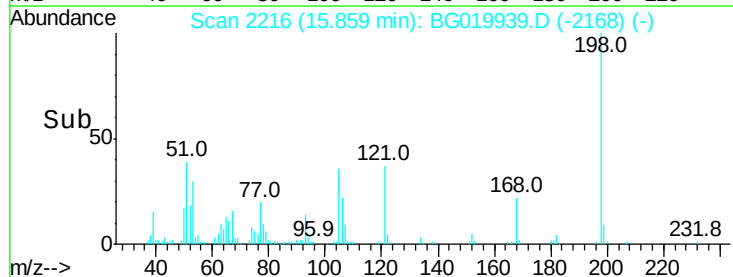
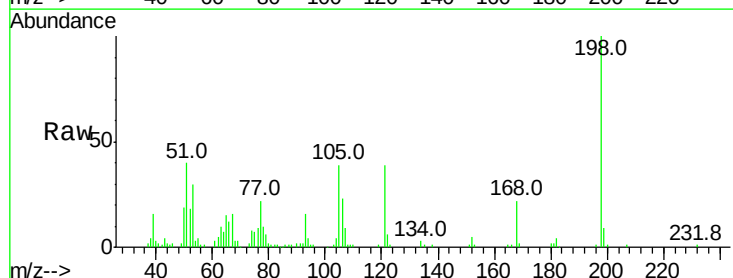
Manual Integrations
APPROVED

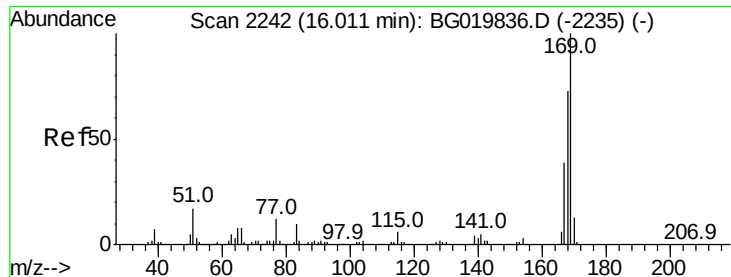
Mmdadoda
12/7/2015 6:29:49 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 42.33 ng
RT: 15.86 min Scan# 2216
Delta R.T. -0.02 min
Lab File: BG019939.D
Acq: 5 Dec 2015 13:09

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	40.1	14.2	54.2
105	39.4	21.1	61.1





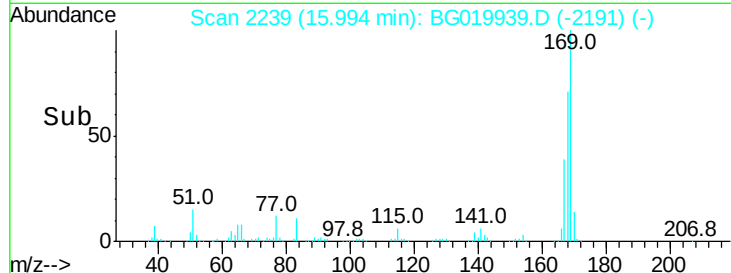
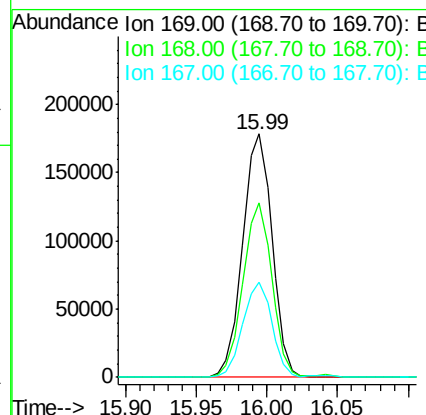
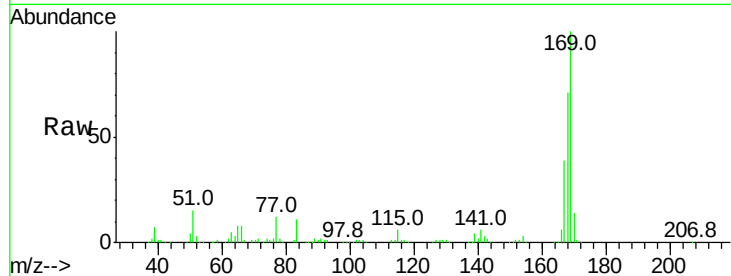
#65
 n-Nitrosodiphenylamine
 Concen: 39.46 ng
 RT: 15.99 min Scan# 2239
 Delta R.T. -0.02 min
 Lab File: BG019939.D
 Acq: 5 Dec 2015 13:09

Instrument :
 BNA_G
 ClientSampleId :
 PB86993BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	260547		
168	71.4	58.2	87.2	
167	39.1	32.7	49.1	

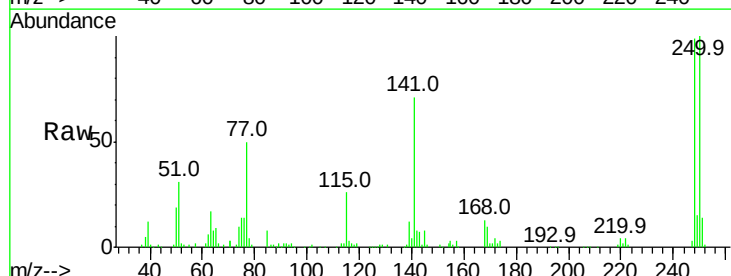
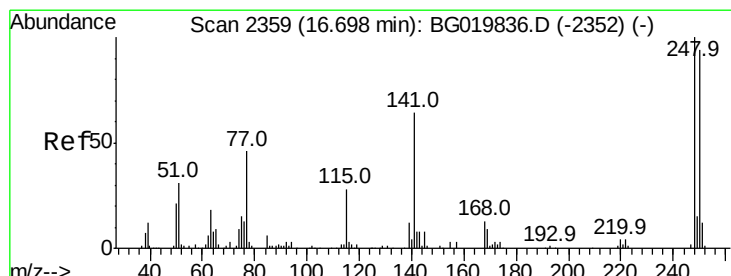
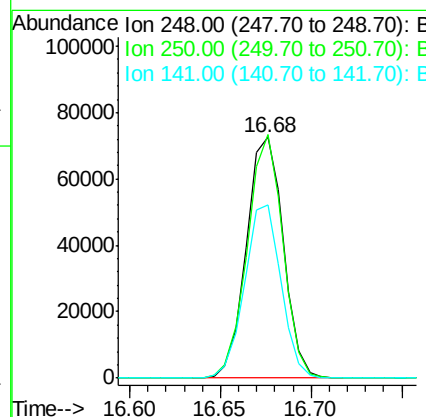
Manual Integrations
 APPROVED

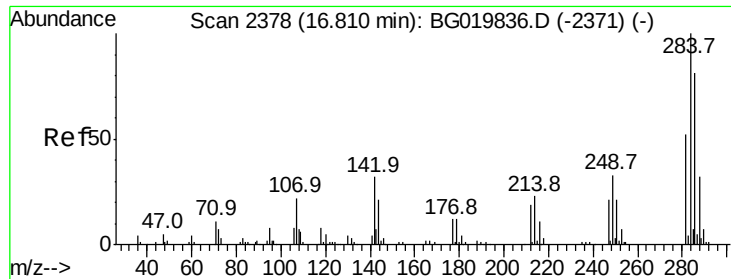
Mmdadoda
 12/7/2015 6:29:49 PM



#66
 4-Bromophenyl-phenylether
 Concen: 36.34 ng
 RT: 16.68 min Scan# 2355
 Delta R.T. -0.02 min
 Lab File: BG019939.D
 Acq: 5 Dec 2015 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	103021		
250	101.0	77.8	116.8	
141	71.9	50.4	75.6	





#67

Hexachlorobenzene

Concen: 37.86 ng

RT: 16.79 min Scan# 2375

Delta R.T. -0.02 min

Lab File: BG019939.D

Acq: 5 Dec 2015 13:09

Instrument :

BNA_G

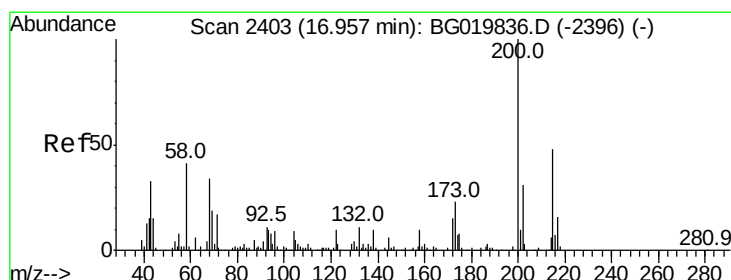
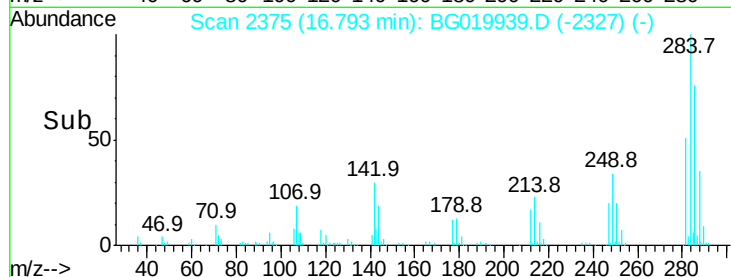
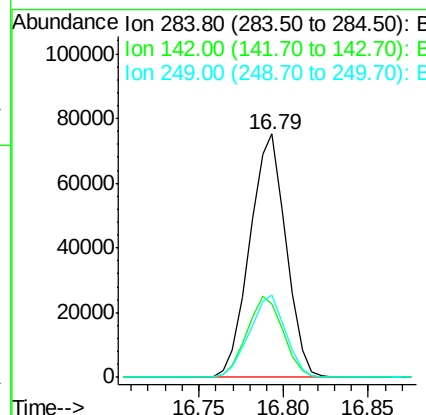
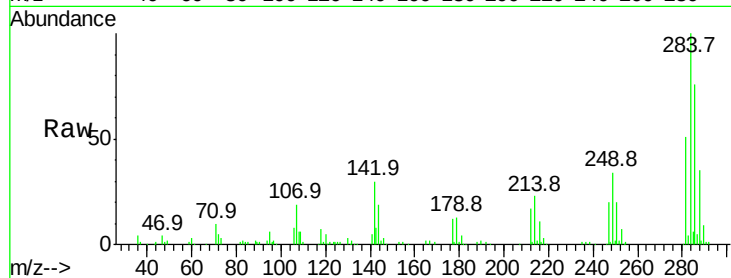
ClientSampleId :

PB86993BSD

Tot Ion:	284	Resp:	111804
Ion Ratio		Lower	Upper
284	100		
142	30.4	26.6	39.8
249	35.8	26.2	39.2

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:29:49 PM



#68

Atrazine

Concen: 38.76 ng

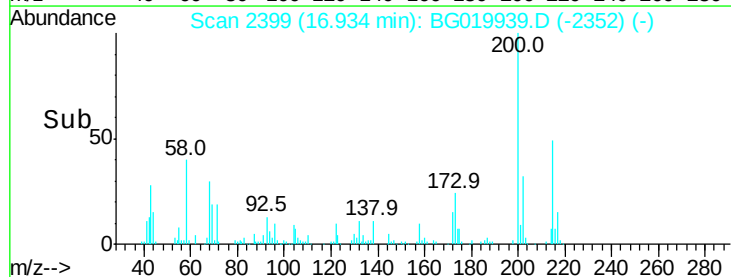
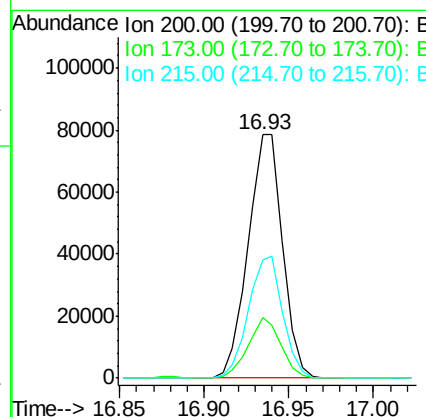
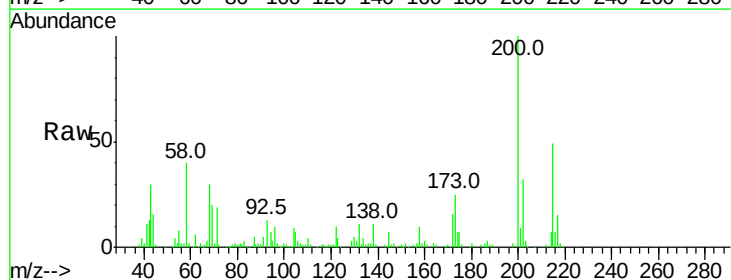
RT: 16.93 min Scan# 2399

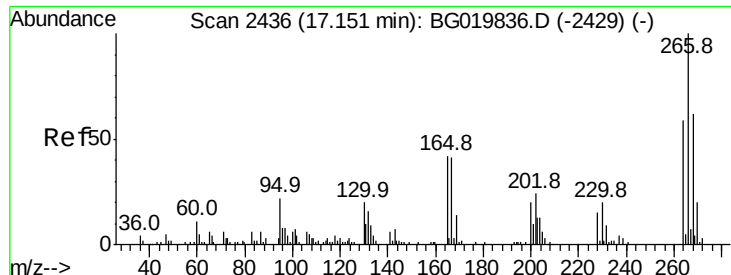
Delta R.T. -0.02 min

Lab File: BG019939.D

Acq: 5 Dec 2015 13:09

Tgt Ion:	200	Resp:	111193
Ion Ratio		Lower	Upper
200	100		
173	24.6	5.2	45.2
215	48.7	27.0	67.0





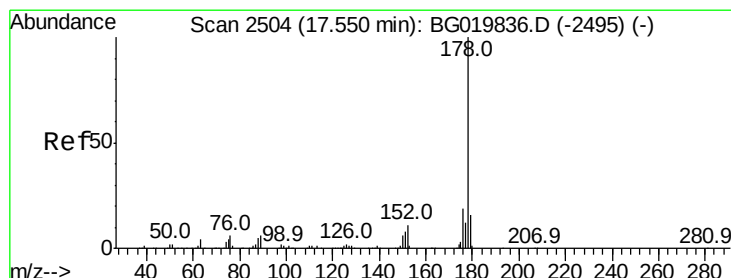
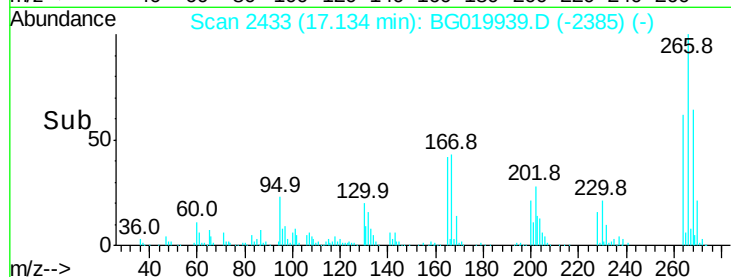
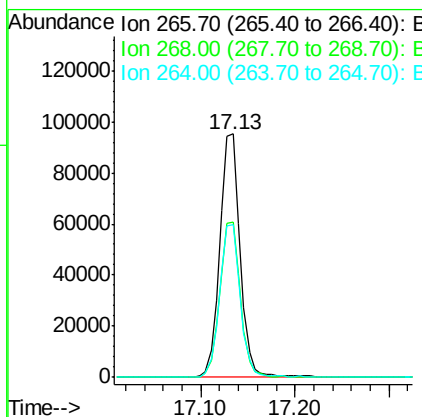
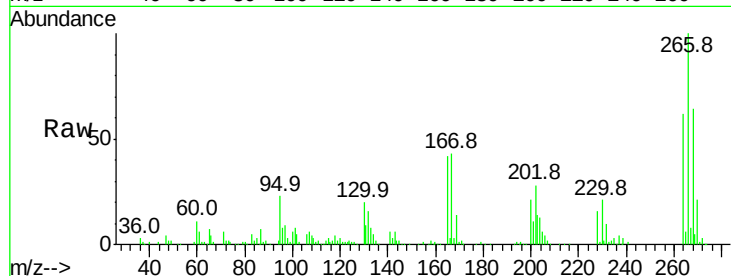
#69
 Pentachlorophenol
 Concen: 83.64 ng
 RT: 17.13 min Scan# 2433
 Delta R.T. -0.02 min
 Lab File: BG019939.D
 Acq: 5 Dec 2015 13:09

Instrument :
 BNA_G
 ClientSampleId :
 PB86993BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	144171		
268	63.6	47.6	71.4	
264	62.5	48.1	72.1	

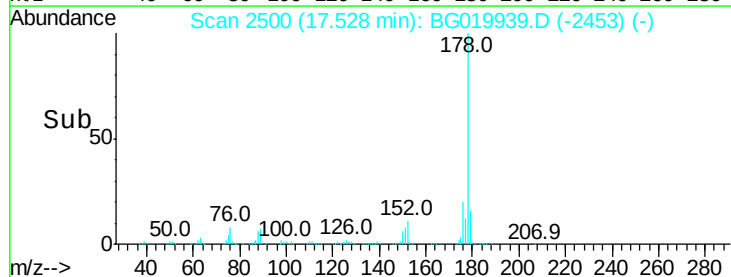
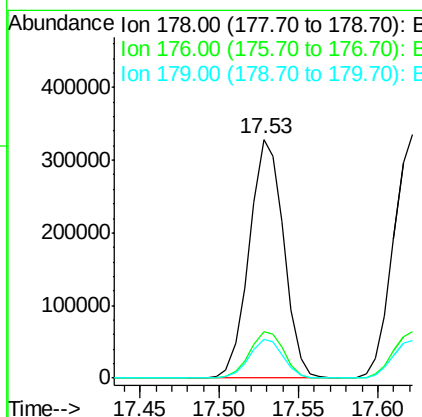
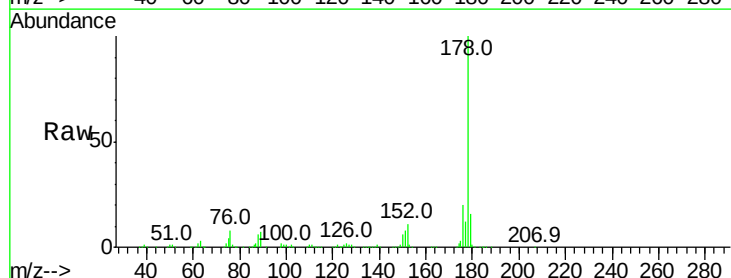
Manual Integrations
 APPROVED

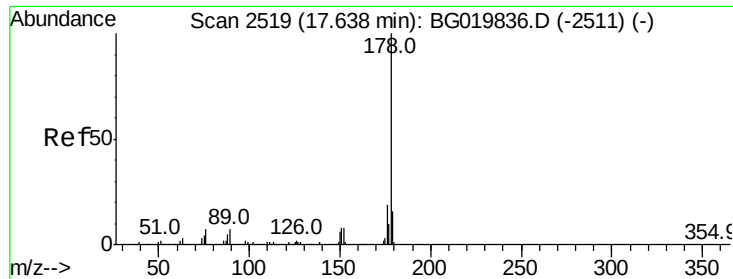
Mmdadoda
 12/7/2015 6:29:49 PM



#70
 Phenanthrene
 Concen: 38.47 ng
 RT: 17.53 min Scan# 2500
 Delta R.T. -0.02 min
 Lab File: BG019939.D
 Acq: 5 Dec 2015 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	496568		
176	19.6	16.7	25.1	
179	16.3	13.9	20.9	





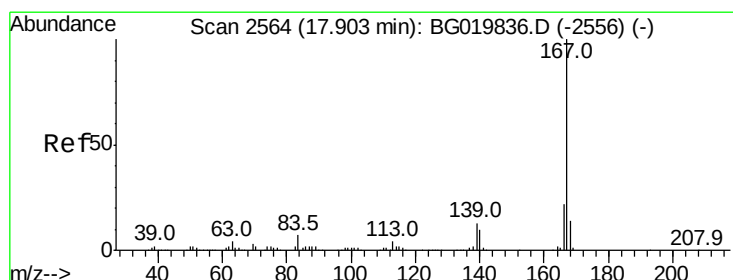
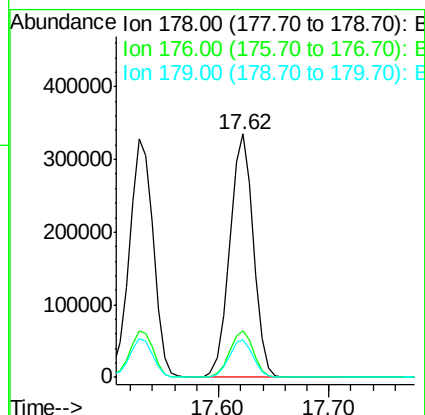
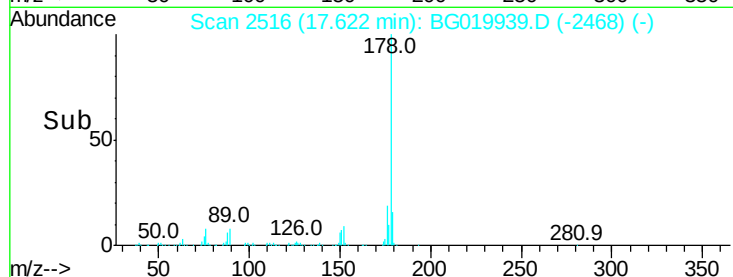
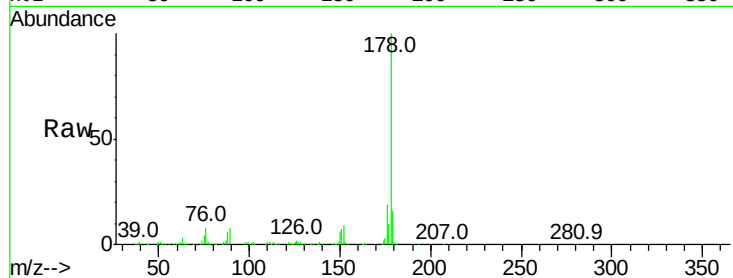
#71
 Anthracene
 Concen: 38.23 ng
 RT: 17.62 min Scan# 2516
 Delta R.T. -0.02 min
 Lab File: BG019939.D
 Acq: 5 Dec 2015 13:09

Instrument :
 BNA_G
 ClientSampleId :
 PB86993BSD

Tot Ion:	178	Resp:	502628
Ion Ratio	Lower	Upper	
178	100		
176	18.9	16.8	25.2
179	15.6	13.9	20.9

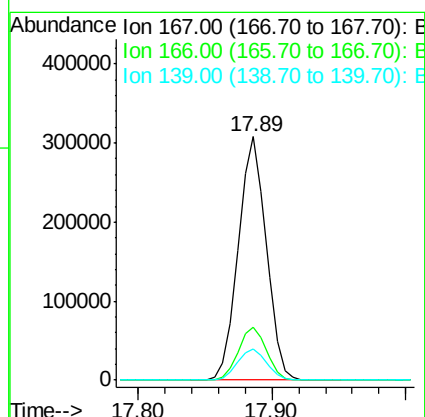
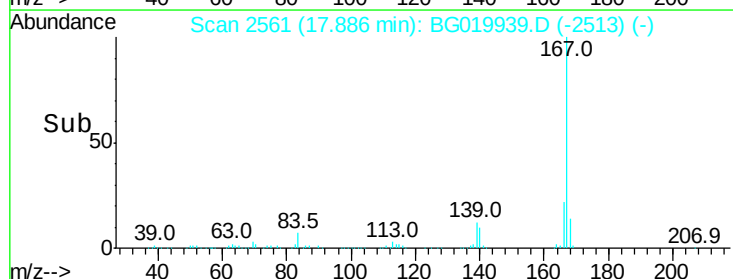
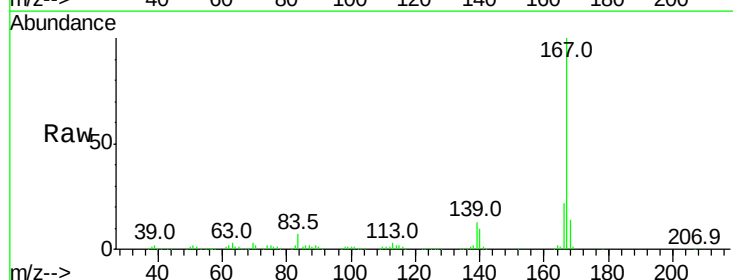
Manual Integrations
 APPROVED

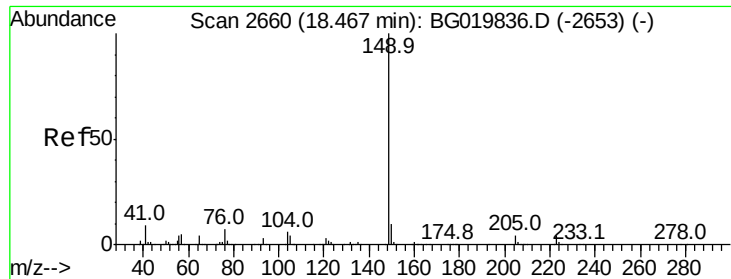
Mmdadoda
 12/7/2015 6:29:49 PM



#72
 Carbazole
 Concen: 38.66 ng
 RT: 17.89 min Scan# 2561
 Delta R.T. -0.02 min
 Lab File: BG019939.D
 Acq: 5 Dec 2015 13:09

Tgt Ion:	167	Resp:	447739
Ion Ratio	Lower	Upper	
167	100		
166	21.7	19.0	28.6
139	12.8	10.2	15.4





#73

Di-n-butylphthalate

Concen: 38.02 ng

RT: 18.44 min Scan# 2656

Delta R.T. -0.02 min

Lab File: BG019939.D

Acq: 5 Dec 2015 13:09

Instrument :

BNA_G

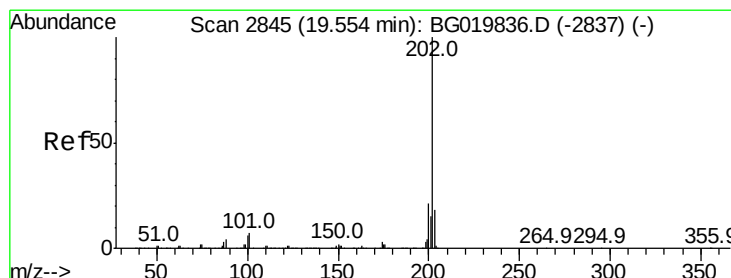
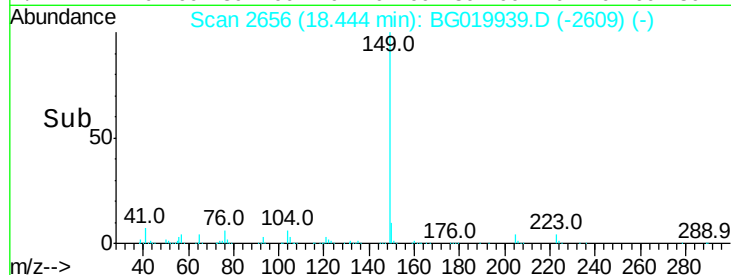
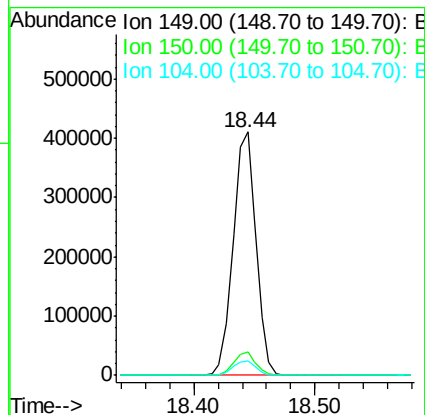
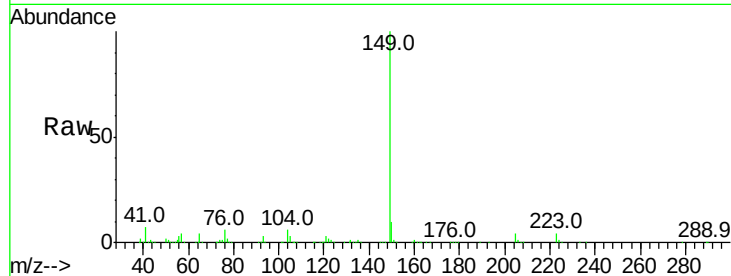
ClientSampleId :

PB86993BSD

Tot Ion:	149	Resp:	539775
Ion Ratio	Lower	Upper	
149	100		
150	9.6	8.2	12.4
104	5.8	4.4	6.6

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:29:49 PM



#74

Fluoranthene

Concen: 37.62 ng

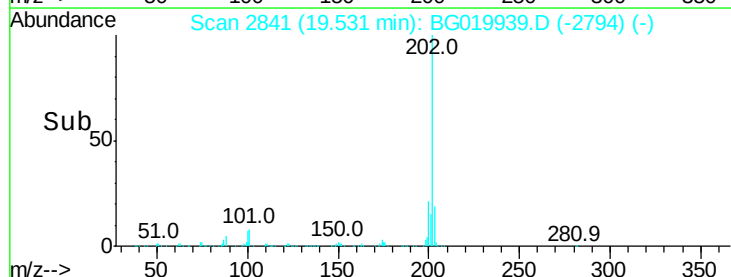
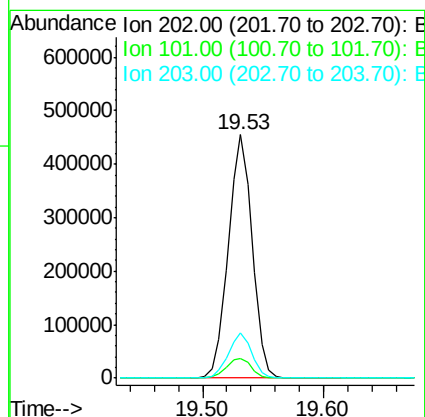
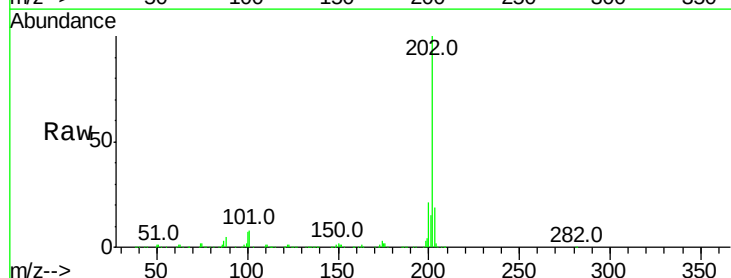
RT: 19.53 min Scan# 2841

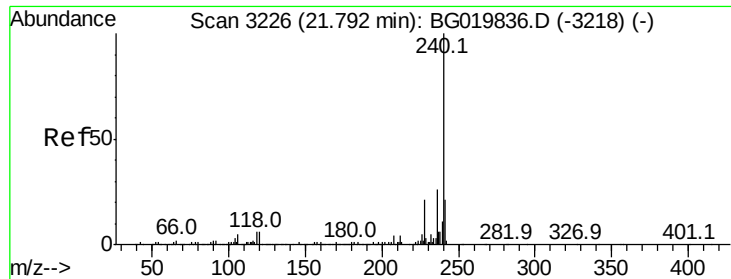
Delta R.T. -0.02 min

Lab File: BG019939.D

Acq: 5 Dec 2015 13:09

Tgt Ion:	202	Resp:	621202
Ion Ratio	Lower	Upper	
202	100		
101	8.3	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: BG019939.D

Acq: 5 Dec 2015 13:09

Instrument :

BNA_G

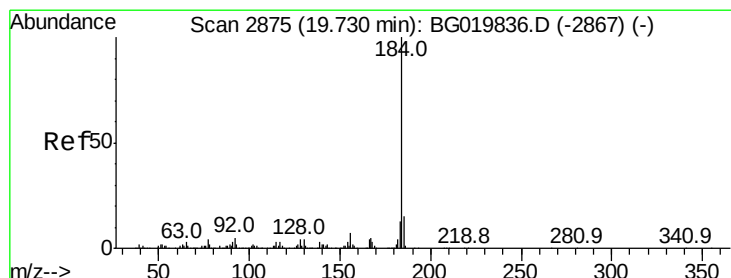
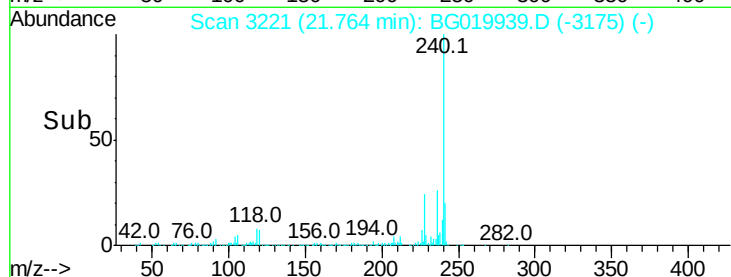
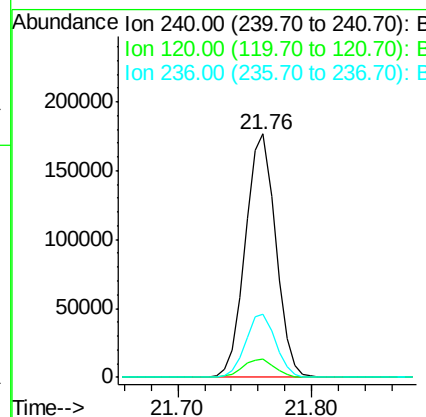
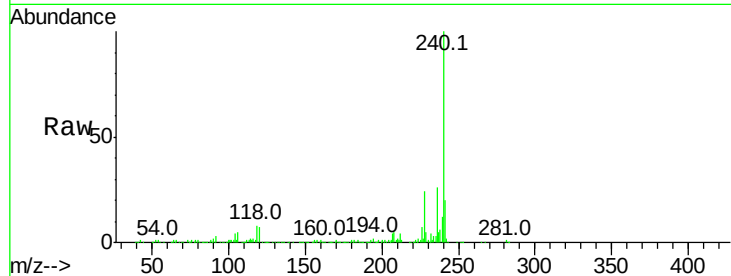
ClientSampleId :

PB86993BSD

Tot Ion:	240	Resp:	276231
Ion Ratio	Lower	Upper	
240	100		
120	7.5	7.4	11.0
236	26.2	20.7	31.1

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:29:49 PM



#76

Benzidine

Concen: 20.19 ng

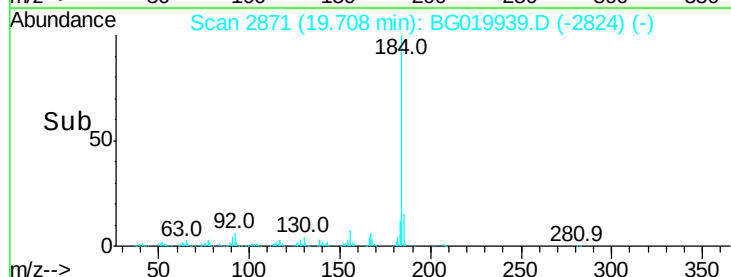
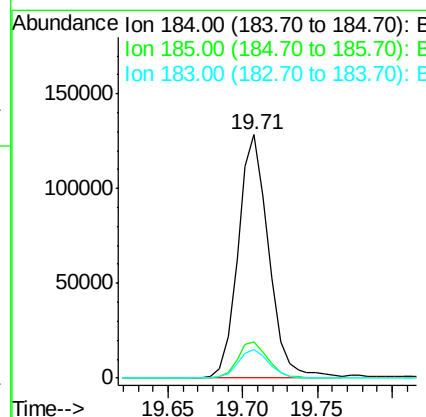
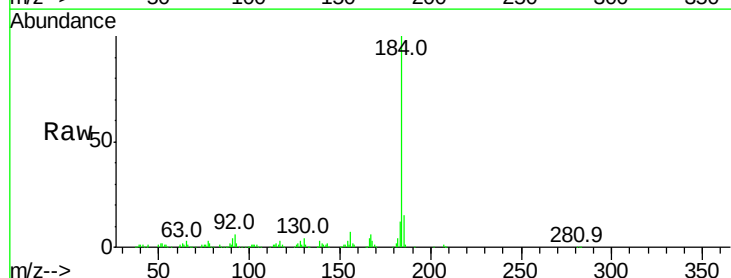
RT: 19.71 min Scan# 2871

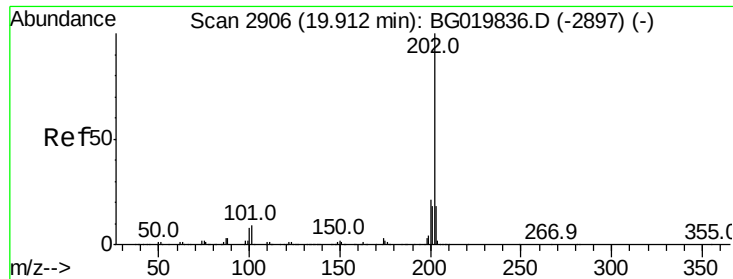
Delta R.T. -0.02 min

Lab File: BG019939.D

Acq: 5 Dec 2015 13:09

Tgt Ion:	184	Resp:	183155
Ion Ratio	Lower	Upper	
184	100		
185	14.7	13.4	20.2
183	12.0	10.1	15.1





#77

Pvrene

Concen: 39.47 ng

RT: 19.89 min Scan# 2902

Delta R.T. -0.02 min

Lab File: BG019939.D

Acq: 5 Dec 2015 13:09

Instrument :

BNA_G

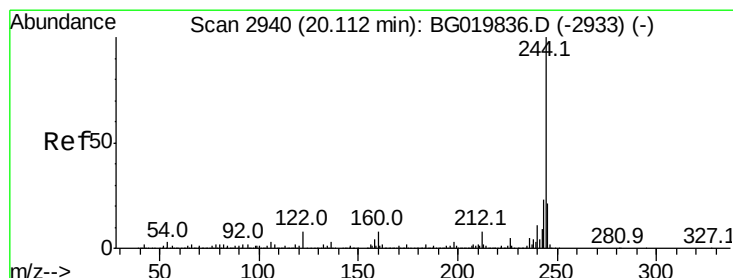
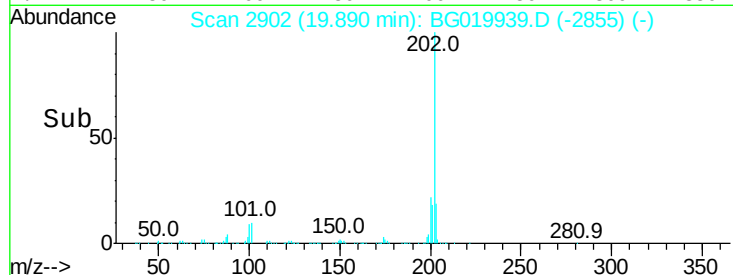
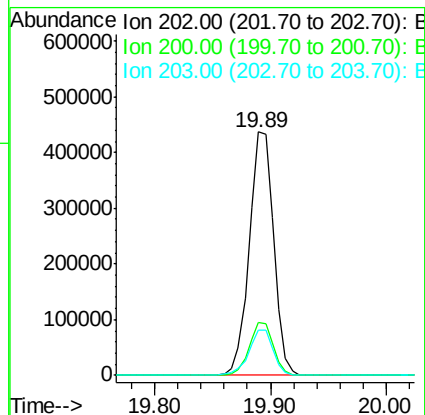
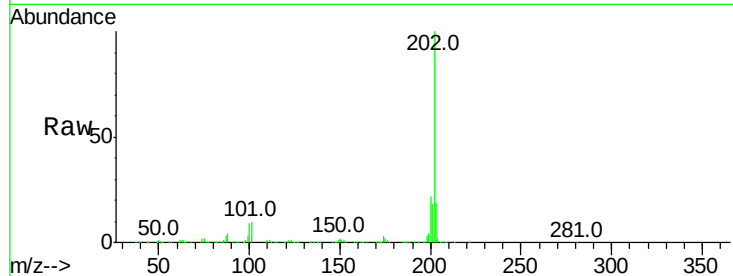
ClientSampleId :

PB86993BSD

Tot Ion:	202	Resp:	641422
Ion Ratio		Lower	Upper
202	100		
200	21.7	19.4	29.0
203	18.8	15.5	23.3

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:29:49 PM



#78

Terphenyl-d14

Concen: 78.16 ng

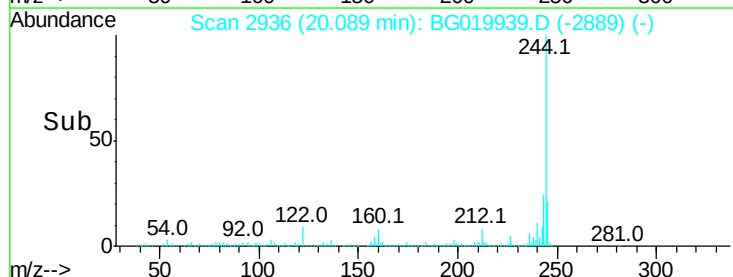
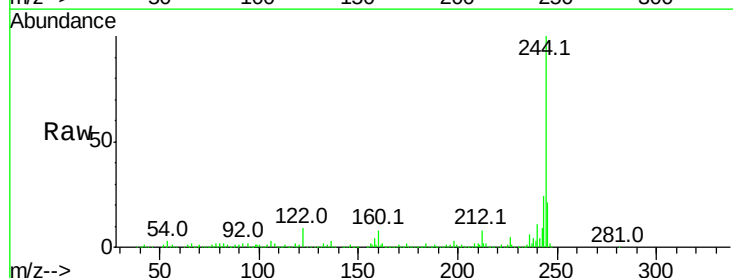
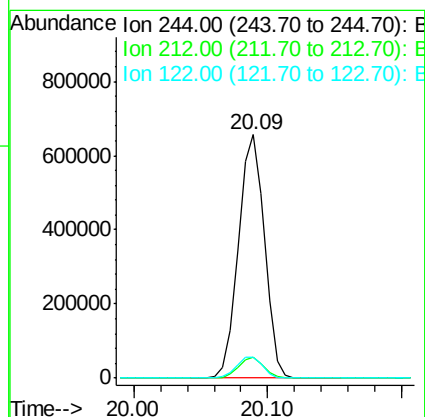
RT: 20.09 min Scan# 2936

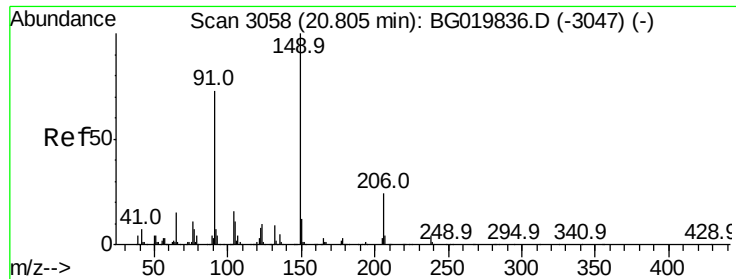
Delta R.T. -0.02 min

Lab File: BG019939.D

Acq: 5 Dec 2015 13:09

Tgt Ion:	244	Resp:	885147
Ion Ratio		Lower	Upper
244	100		
212	8.4	6.9	10.3
122	8.7	10.2	15.2#





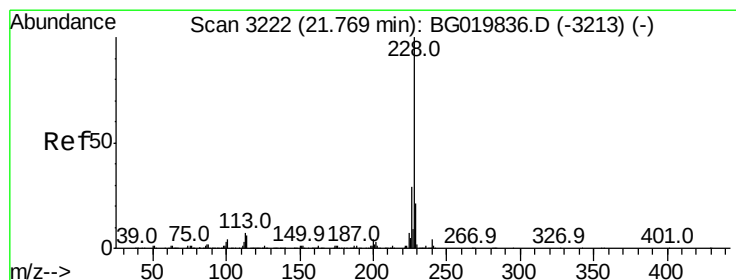
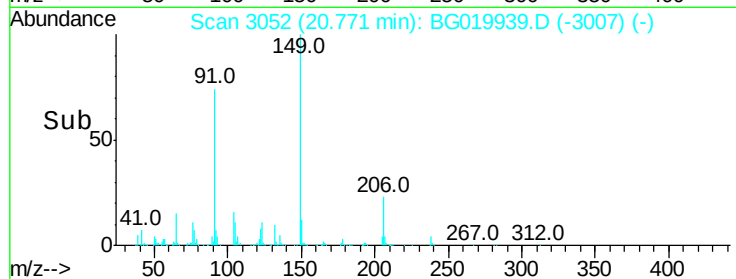
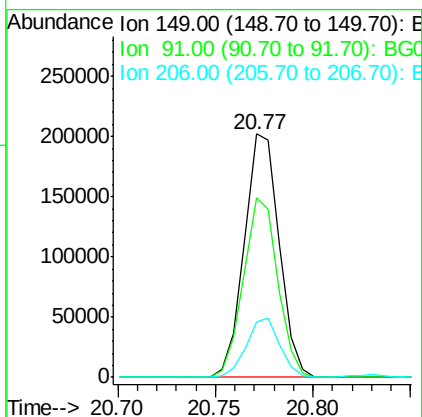
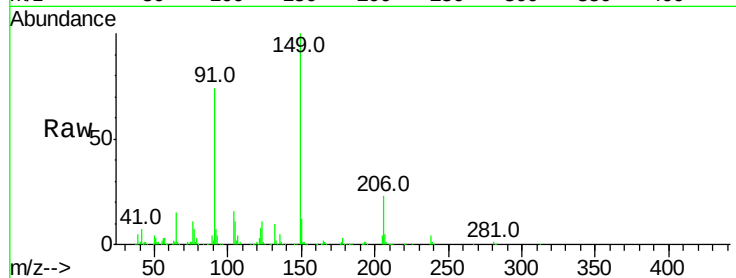
#79
Butylbenzylphthalate
Concen: 39.27 ng
RT: 20.77 min Scan# 3052
Delta R.T. -0.03 min
Lab File: BG019939.D
Acq: 5 Dec 2015 13:09

Instrument :
BNA_G
ClientSampleId :
PB86993BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	250162		
91	73.7	58.1	87.1	
206	22.6	17.8	26.8	

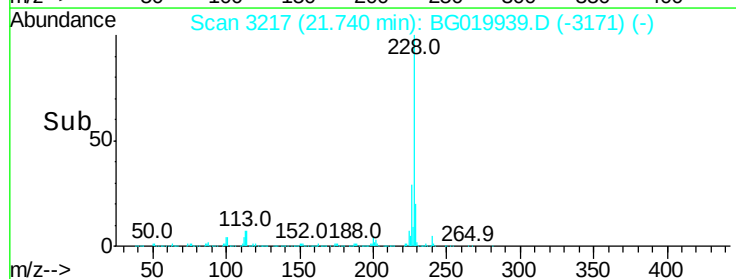
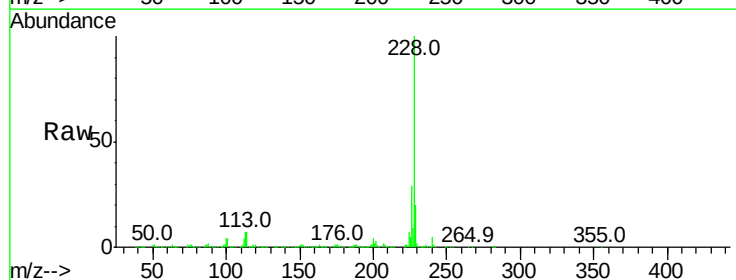
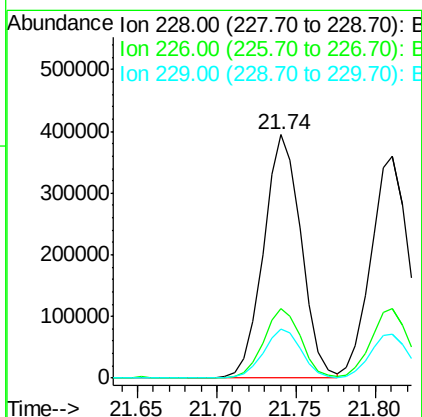
Manual Integrations
APPROVED

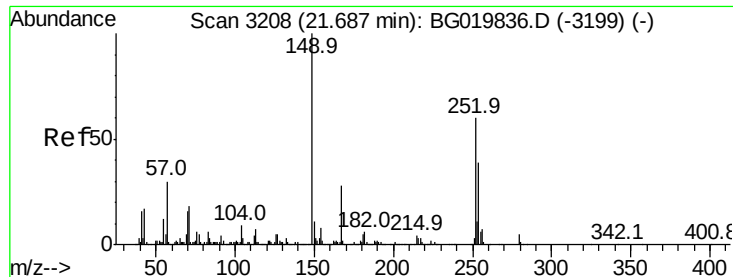
Mmdadoda
12/7/2015 6:29:49 PM



#80
Benzo(a)anthracene
Concen: 38.32 ng
RT: 21.74 min Scan# 3217
Delta R.T. -0.03 min
Lab File: BG019939.D
Acq: 5 Dec 2015 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	647883		
226	28.7	23.4	35.0	
229	20.0	16.6	25.0	





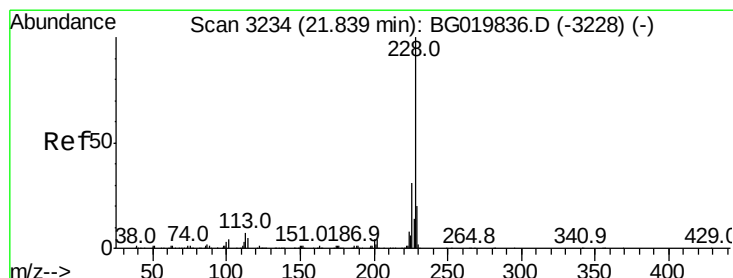
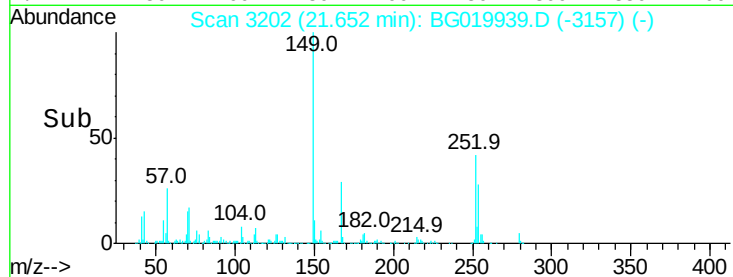
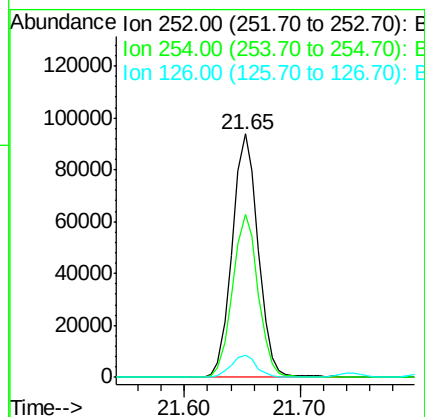
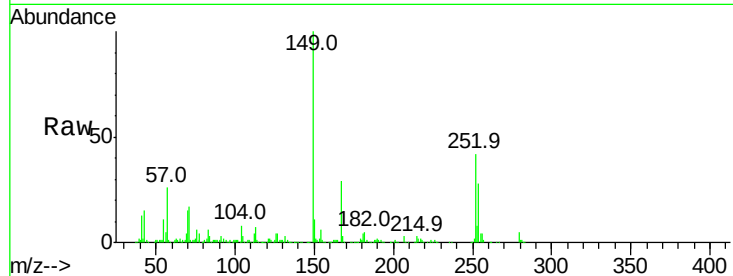
#81
 3,3'-Dichlorobenzidine
 Concen: 22.68 ng
 RT: 21.65 min Scan# 3202
 Delta R.T. -0.03 min
 Lab File: BG019939.D
 Acq: 5 Dec 2015 13:09

Instrument :
 BNA_G
 ClientSampleId :
 PB86993BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	146063		
254	66.9	52.5	78.7	
126	9.1	8.5	12.7	

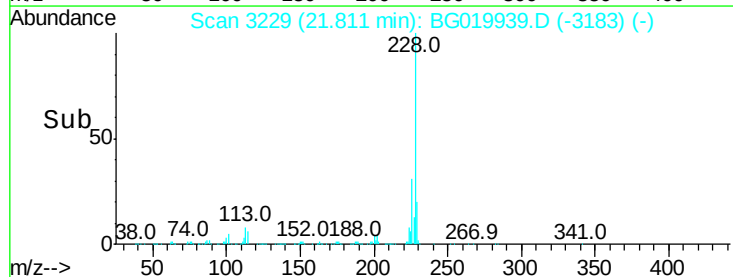
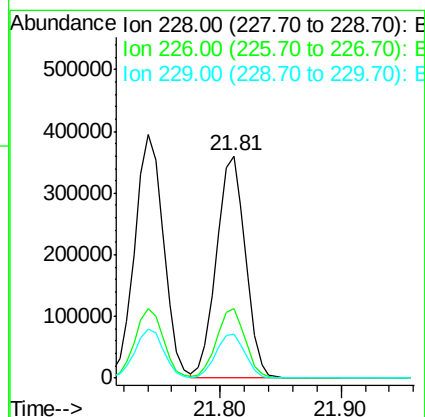
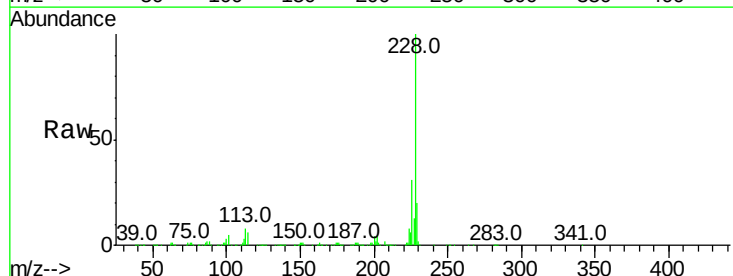
Manual Integrations
 APPROVED

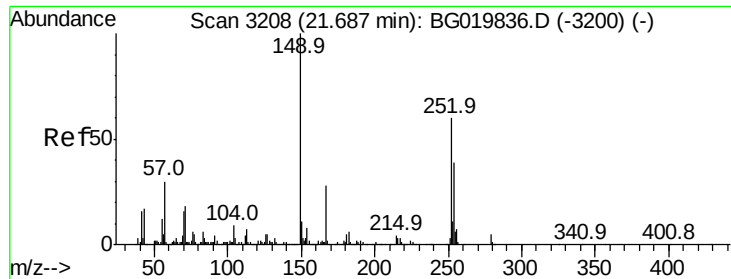
Mmdadoda
 12/7/2015 6:29:49 PM



#82
 Chrysene
 Concen: 36.89 ng
 RT: 21.81 min Scan# 3229
 Delta R.T. -0.03 min
 Lab File: BG019939.D
 Acq: 5 Dec 2015 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	592294		
226	31.2	26.7	40.1	
229	19.9	17.0	25.6	





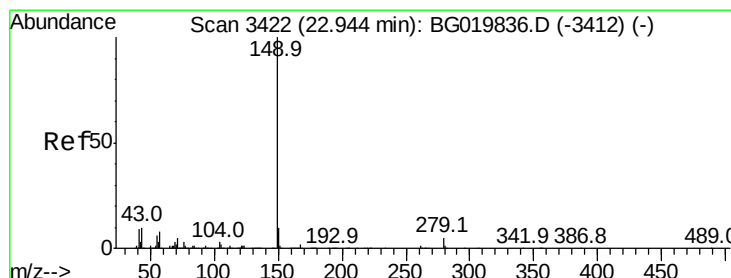
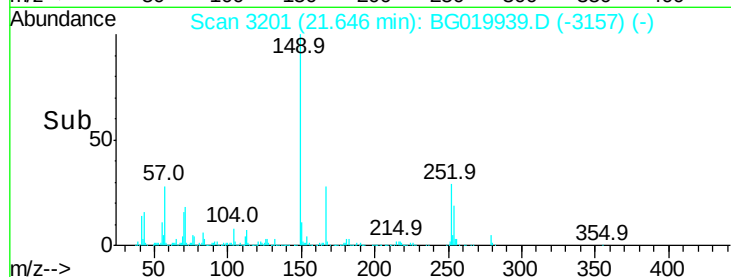
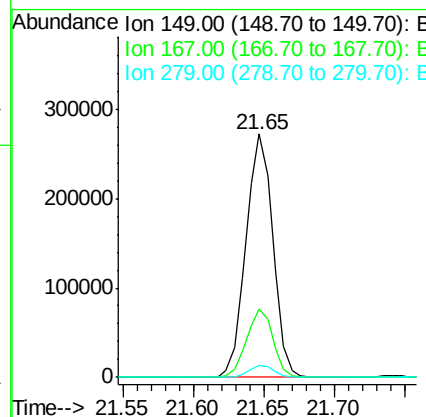
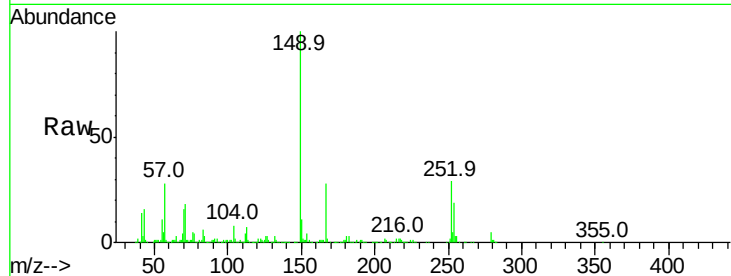
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.91 ng
 RT: 21.65 min Scan# 3201
 Delta R.T. -0.04 min
 Lab File: BG019939.D
 Acq: 5 Dec 2015 13:09

Instrument :
 BNA_G
 ClientSampleId :
 PB86993BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	363703		
167	28.2	23.8	35.8	
279	4.7	3.4	5.2	

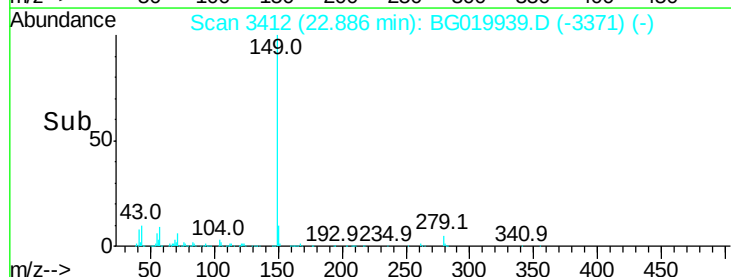
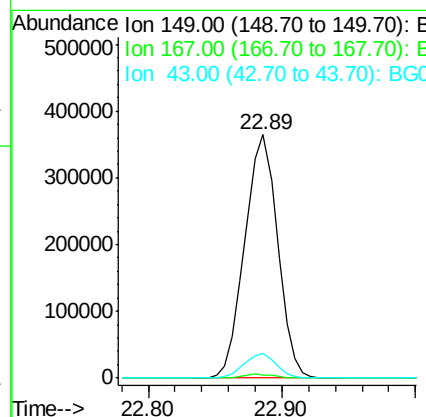
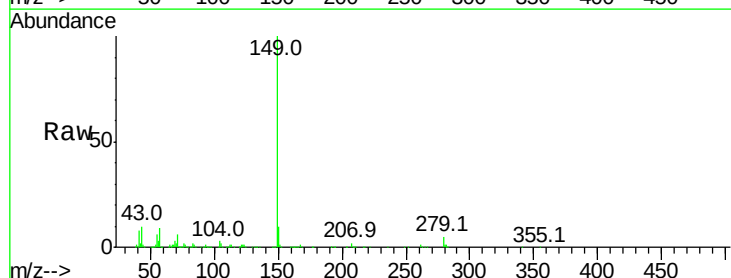
Manual Integrations
 APPROVED

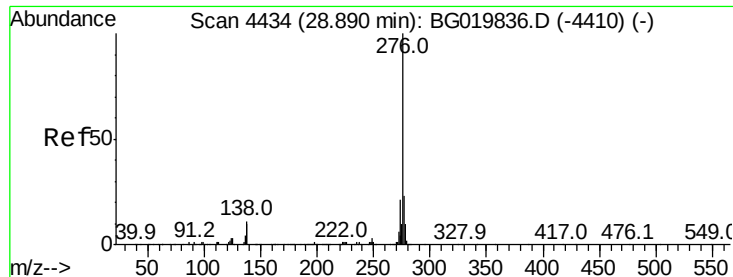
Mmdadoda
 12/7/2015 6:29:49 PM



#84
 Di-n-octyl phthalate
 Concen: 40.90 ng
 RT: 22.89 min Scan# 3412
 Delta R.T. -0.06 min
 Lab File: BG019939.D
 Acq: 5 Dec 2015 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	621609		
167	1.7	1.2	1.8	
43	9.9	5.9	8.9	





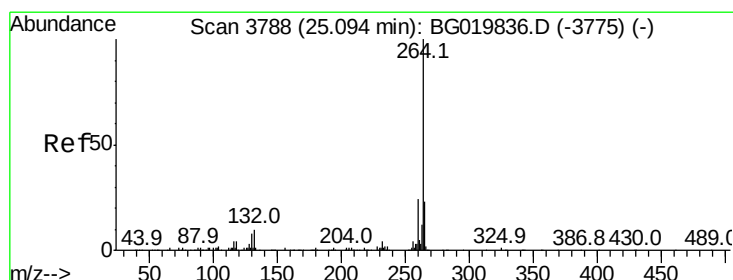
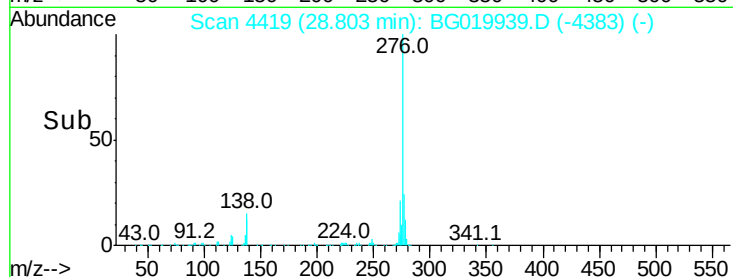
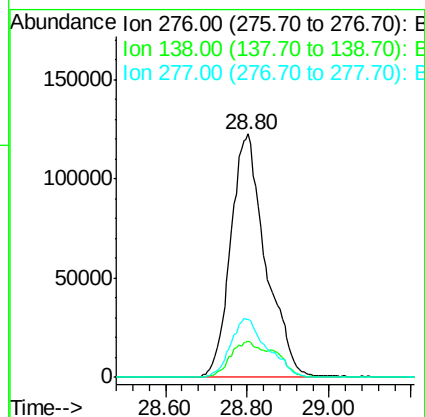
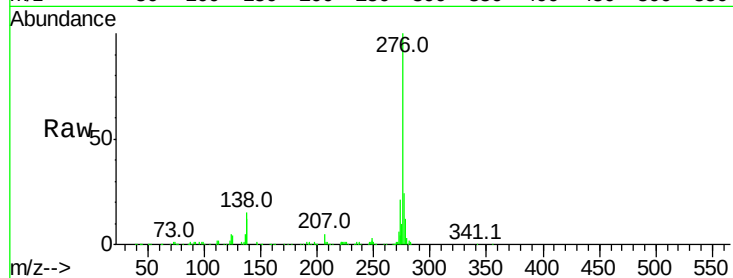
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.03 ng
RT: 28.80 min Scan# 4419
Delta R.T. -0.09 min
Lab File: BG019939.D
Acq: 5 Dec 2015 13:09

Instrument :
BNA_G
ClientSampleId :
PB86993BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	13.6	0.0	0.0#
277	25.5	0.0	0.0#

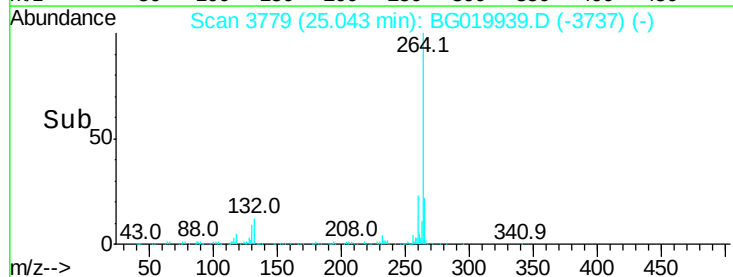
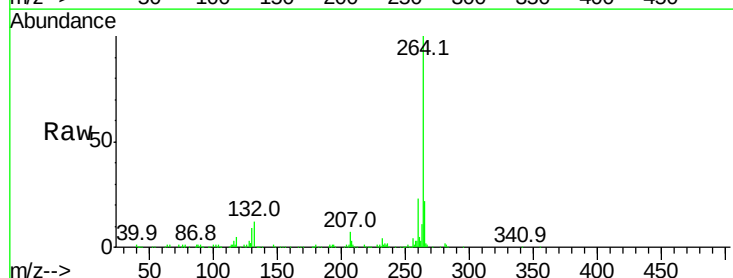
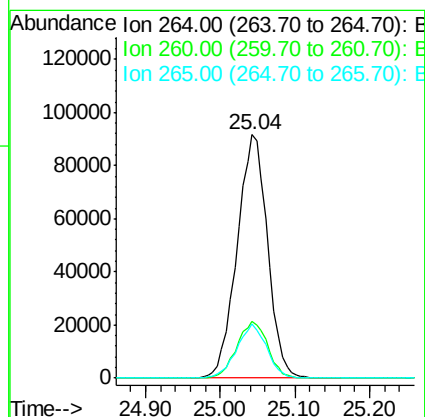
Manual Integrations
APPROVED

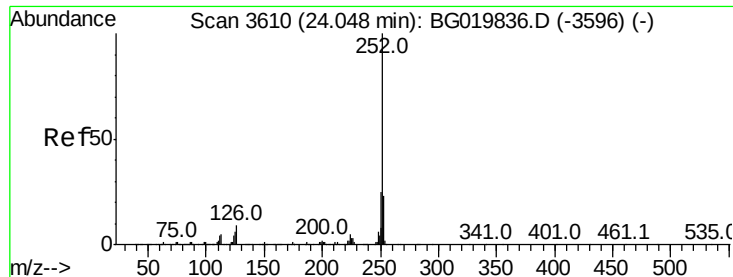
Mmdadoda
12/7/2015 6:29:49 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.04 min Scan# 3779
Delta R.T. -0.05 min
Lab File: BG019939.D
Acq: 5 Dec 2015 13:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.3	18.5	27.7
265	22.5	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 38.19 ng

RT: 24.00 min Scan# 3602

Delta R.T. -0.05 min

Lab File: BG019939.D

Acq: 5 Dec 2015 13:09

Instrument :

BNA_G

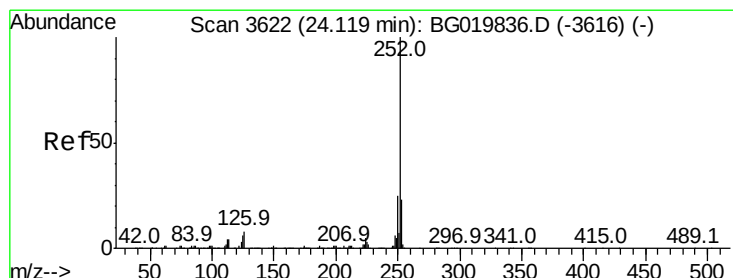
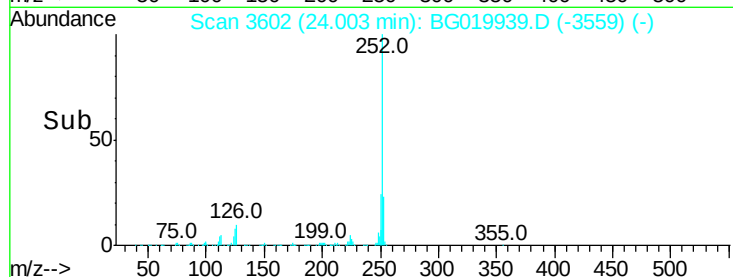
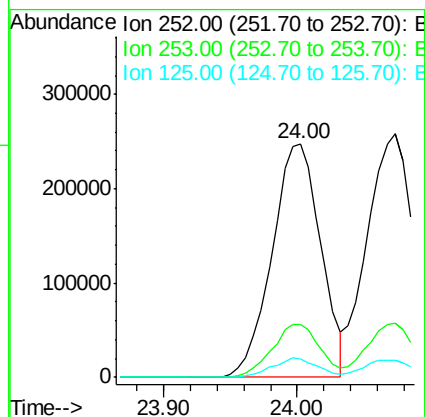
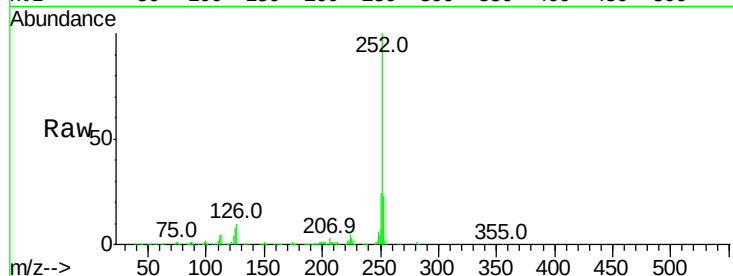
ClientSampleId :

PB86993BSD

Tot Ion:	252	Resp:	626194
Ion Ratio	Lower	Upper	
252	100		
253	22.7	19.1	28.7
125	7.7	8.9	13.3#

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:29:49 PM



#88

Benzo(k)fluoranthene

Concen: 38.17 ng

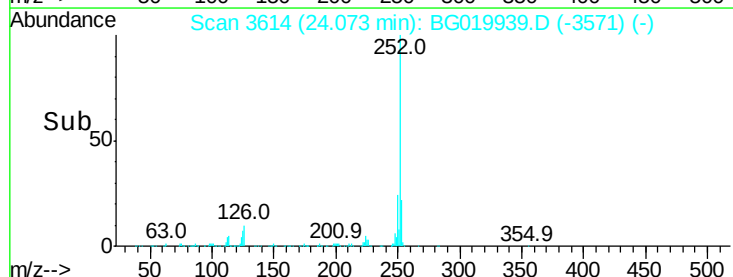
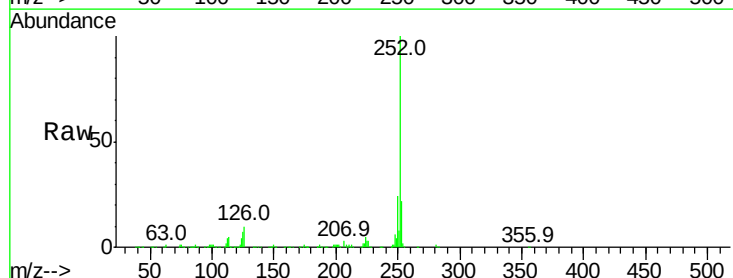
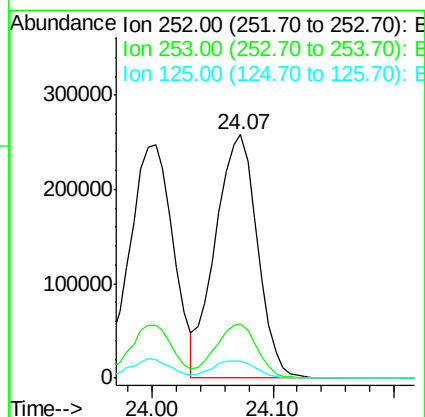
RT: 24.07 min Scan# 3614

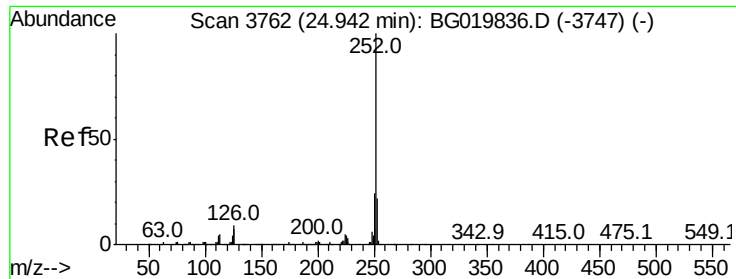
Delta R.T. -0.05 min

Lab File: BG019939.D

Acq: 5 Dec 2015 13:09

Tgt Ion:	252	Resp:	619878
Ion Ratio	Lower	Upper	
252	100		
253	22.4	19.0	28.4
125	6.9	8.9	13.3#





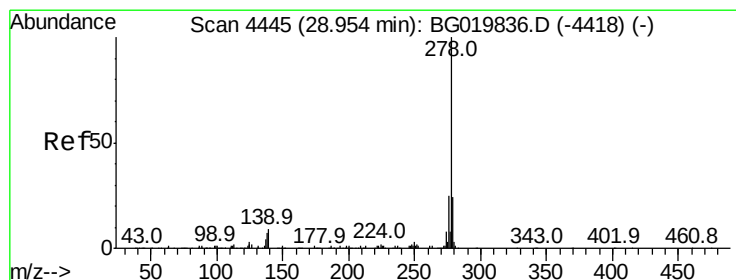
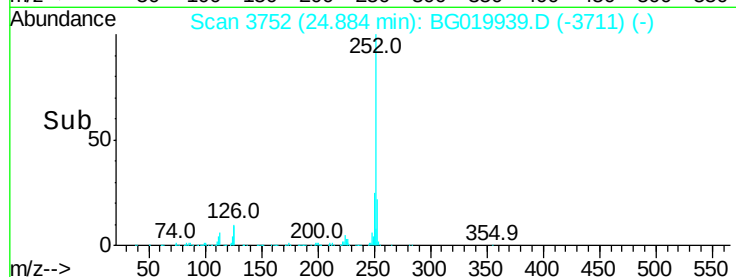
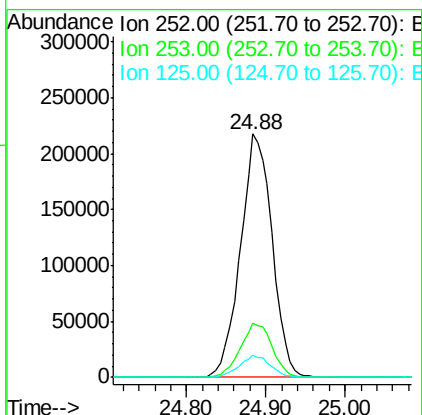
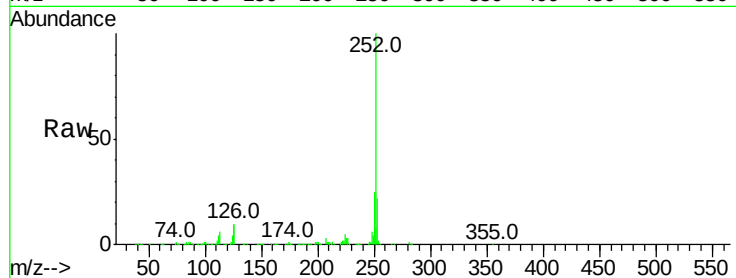
#89
Benzo(a)pyrene
Concen: 38.73 ng
RT: 24.88 min Scan# 3752
Delta R.T. -0.06 min
Lab File: BG019939.D
Acq: 5 Dec 2015 13:09

Instrument :
BNA_G
ClientSampleId :
PB86993BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.7	28.1
125	9.0	9.1	13.7

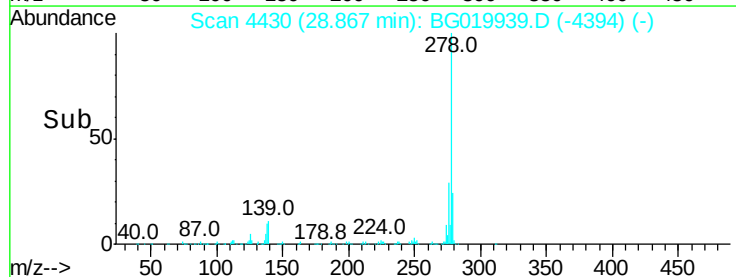
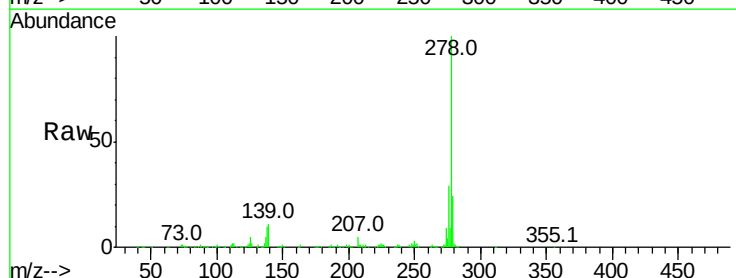
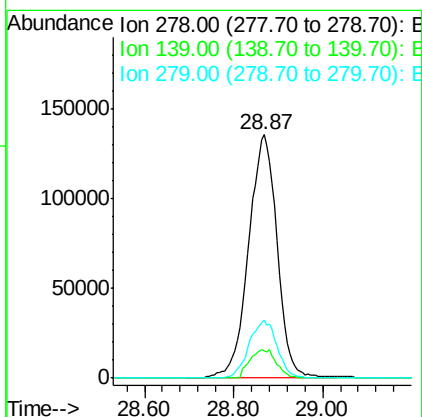
Manual Integrations
APPROVED

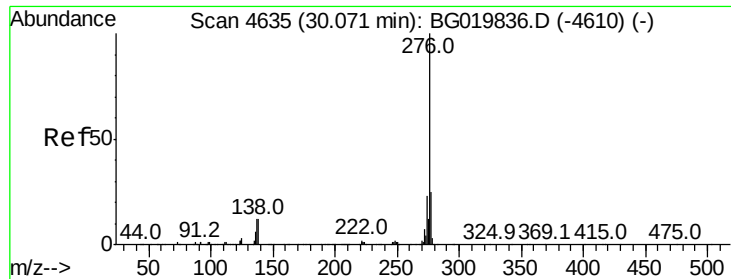
Mmdadoda
12/7/2015 6:29:49 PM



#90
Dibenzo(a,h)anthracene
Concen: 38.66 ng
RT: 28.87 min Scan# 4430
Delta R.T. -0.09 min
Lab File: BG019939.D
Acq: 5 Dec 2015 13:09

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.2	13.8	20.6
279	23.8	19.4	29.0





#91
 Benzo(a,h,i)perylene
 Concen: 38.61 ng
 RT: 29.97 min Scan# 4618
 Delta R.T. -0.10 min
 Lab File: BG019939.D
 Acq: 5 Dec 2015 13:09

Instrument :
 BNA_G
 ClientSampleId :
 PB86993BSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	24.4	18.4	27.6
138	16.0	17.4	26.0#

Manual Integrations
 APPROVED

Mmdadoda
 12/7/2015 6:29:49 PM

