

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG-FEB-2016\BG022616\
 Data File : BG021081.D
 Acq On : 26 Feb 2016 16:30
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG022616

Manual Integrations
 APPROVED

Sohil
 2/29/2016 10:21:37 AM

Quant Time: Feb 26 17:14:34 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 26 16:39:44 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	6543	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	29578	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	18888	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	45511	20.00	ng	0.00
75) Chrysene-d12	21.79	240	54307	20.00	ng	0.00
86) Perylene-d12	25.07	264	49468	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.73	112	30721	82.20	ng	0.00
7) Phenol-d6	7.32	99	45205	81.28	ng	0.00
23) Nitrobenzene-d5	9.34	82	51819	83.47	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	19567	79.01	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	116616	79.01	ng	0.00
78) Terphenyl-d14	20.11	244	194808	83.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.62	88	6675	38.57	ng	96
3) Pyridine	4.03	79	21102	41.69	ng	95
4) n-Nitrosodimethylamine	3.94	42	10187	39.70	ng	86
6) Aniline	7.50	93	29636	43.08	ng	95
8) 2-Chlorophenol	7.74	128	19070	40.91	ng	96
9) Benzaldehyde	7.31	77	13625	45.23	ng	95
10) Phenol	7.35	94	24063	42.24	ng	75
11) bis(2-Chloroethyl)ether	7.59	93	17217	39.43	ng	95
12) 1,3-Dichlorobenzene	8.06	146	20418	41.16	ng	# 93
13) 1,4-Dichlorobenzene	8.21	146	20668	39.00	ng	97
14) 1,2-Dichlorobenzene	8.53	146	19734	39.33	ng	95
15) Benzyl Alcohol	8.41	79	21652	44.57	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.71	45	19609	39.16	ng	86
17) 2-Methylphenol	8.61	107	16992	42.25	ng	# 88
18) Hexachloroethane	9.26	117	8058	40.19	ng	92
19) n-Nitroso-di-n-propylamine	8.98	70	18216	42.46	ng	# 90
20) 3+4-Methylphenols	8.93	107	23308	41.80	ng	94
22) Acetophenone	9.00	105	33171	40.63	ng	# 96
24) Nitrobenzene	9.39	77	26122	40.73	ng	92
25) Isophorone	9.91	82	48077	41.32	ng	# 97
26) 2-Nitrophenol	10.10	139	11492	42.38	ng	# 73
27) 2,4-Dimethylphenol	10.14	122	19511	40.80	ng	93
28) bis(2-Chloroethoxy)methane	10.39	93	24611	43.40	ng	97
29) 2,4-Dichlorophenol	10.62	162	19568	41.80	ng	99
30) 1,2,4-Trichlorobenzene	10.84	180	20717	39.04	ng	98
31) Naphthalene	11.04	128	61505	40.48	ng	100
32) Benzoic acid	10.27	122	15305	34.85	ng	91
33) 4-Chloroaniline	11.14	127	27197	42.86	ng	# 92
34) Hexachlorobutadiene	11.32	225	15034	42.34	ng	92
35) Caprolactam	11.92	113	6583	41.61	ng	# 86
36) 4-Chloro-3-methylphenol	12.24	107	23201	40.42	ng	93
37) 2-Methylnaphthalene	12.62	142	45943	43.06	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	27843	39.89	ng	99
40) Hexachlorocyclopentadiene	12.96	237	19771	43.08	ng	97

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG-FEB-2016\BG022616\
 Data File : BG021081.D
 Acq On : 26 Feb 2016 16:30
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 ICVBG022616

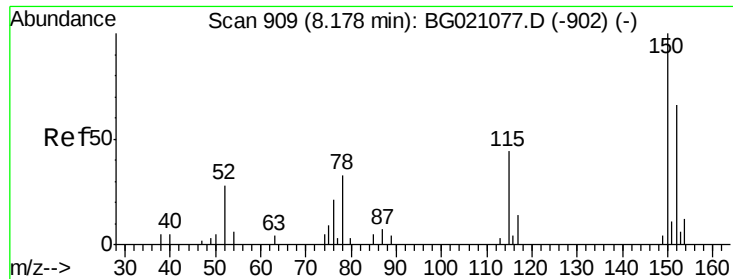
Manual Integrations
 APPROVED

Sohil
 2/29/2016 10:21:37 AM

Quant Time: Feb 26 17:14:34 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 26 16:39:44 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	18275	41.75	ng	96
43) 2,4,5-Trichlorophenol	13.29	196	19183m	42.66	ng	
45) 1,1'-Biphenyl	13.62	154	61843	38.88	ng	96
46) 2-Chloronaphthalene	13.67	162	48936	40.55	ng	99
47) 2-Nitroaniline	13.86	65	16850	43.09	ng	# 79
48) Acenaphthylene	14.51	152	76705	40.17	ng	99
49) Dimethylphthalate	14.23	163	64085	39.37	ng	# 97
50) 2,6-Dinitrotoluene	14.35	165	13935	41.61	ng	# 75
51) Acenaphthene	14.84	154	52616	40.40	ng	97
52) 3-Nitroaniline	14.68	138	14034	43.07	ng	# 76
53) 2,4-Dinitrophenol	14.88	184	9439	40.42	ng	92
54) Dibenzofuran	15.18	168	73661	44.65	ng	92
55) 4-Nitrophenol	14.97	139	11750	40.65	ng	# 62
56) 2,4-Dinitrotoluene	15.13	165	19965	41.57	ng	# 89
57) Fluorene	15.83	166	63053	39.28	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.40	232	17739	45.38	ng	94
59) Diethylphthalate	15.59	149	67751	39.49	ng	98
60) 4-Chlorophenyl-phenylether	15.81	204	33985	38.49	ng	97
61) 4-Nitroaniline	15.84	138	15603	42.05	ng	# 64
62) Azobenzene	16.11	77	66062	44.44	ng	91
64) 4,6-Dinitro-2-methylphenol	15.89	198	13027	39.02	ng	94
65) n-Nitrosodiphenylamine	16.03	169	56126	41.80	ng	93
66) 4-Bromophenyl-phenylether	16.71	248	21589	40.29	ng	90
67) Hexachlorobenzene	16.82	284	22636	40.04	ng	# 93
68) Atrazine	16.97	200	18591	37.37	ng	98
69) Pentachlorophenol	17.16	266	14793	38.76	ng	# 83
70) Phenanthrene	17.56	178	102416	41.82	ng	96
71) Anthracene	17.65	178	101250	41.06	ng	98
72) Carbazole	17.92	167	89627	42.09	ng	96
73) Di-n-butylphthalate	18.47	149	113844	40.56	ng	# 97
74) Fluoranthene	19.56	202	123903	40.33	ng	93
76) Benzidine	19.73	184	56300	39.40	ng	98
77) Pyrene	19.92	202	125934	41.88	ng	99
79) Butylbenzylphthalate	20.80	149	53165	42.36	ng	# 98
80) Benzo(a)anthracene	21.77	228	128918	41.26	ng	98
81) 3,3'-Dichlorobenzidine	21.68	252	51059	41.76	ng	# 99
82) Chrysene	21.84	228	117220	38.95	ng	100
83) Bis(2-ethylhexyl)phthalate	21.67	149	79613	41.08	ng	# 94
84) Di-n-octyl phthalate	22.91	149	135239	41.64	ng	# 94
85) Indeno(1,2,3-cd)pyrene	28.85	276	139266	38.38	ng	# 100
87) Benzo(b)fluoranthene	24.03	252	134746	43.58	ng	# 97
88) Benzo(k)fluoranthene	24.10	252	128224	42.07	ng	# 95
89) Benzo(a)pyrene	24.93	252	127260	42.87	ng	# 93
90) Dibenzo(a,h)anthracene	28.91	278	120009	40.11	ng	96
91) Benzo(g,h,i)perylene	30.02	276	114250	39.64	ng	# 92

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



#1

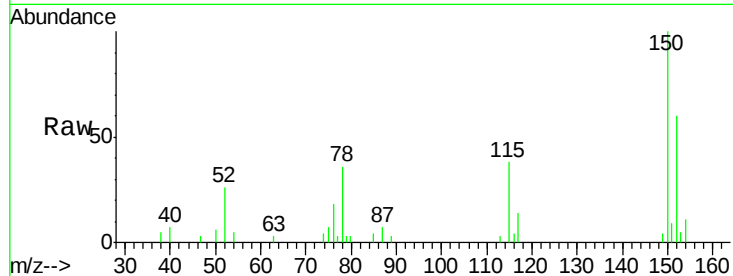
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.18 min Scan# 908
Delta R.T. -0.00 min
Lab File: BG021081.D
Acq: 26 Feb 2016 16:30

Instrument :
BNA_G
ClientSampleId :
ICVBG022616

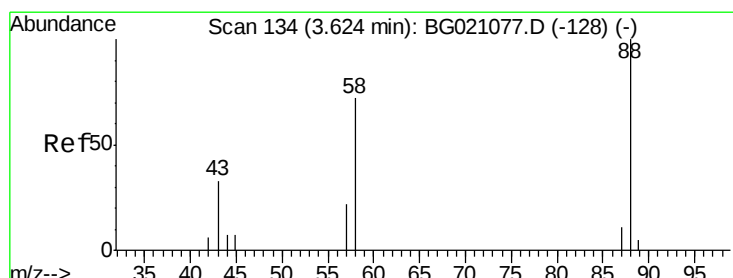
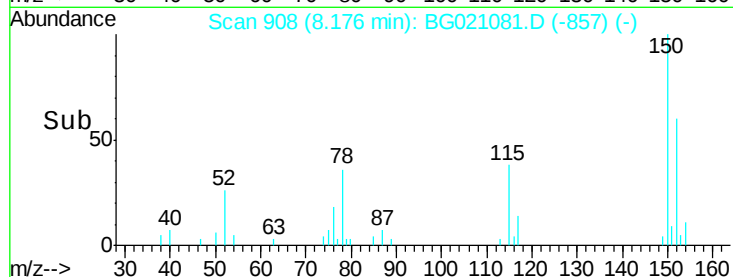
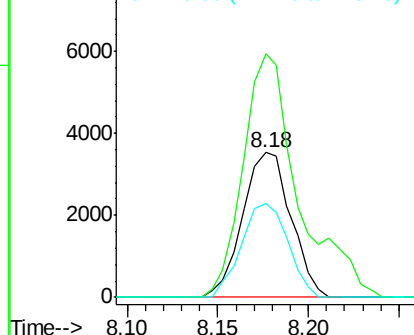
Tgt Ion	Ratio	Lower	Upper
152	100		
150	168.0	123.4	185.2
115	64.5	43.3	64.9

Manual Integrations
APPROVED

Sohil
2/29/2016 10:21:37 AM



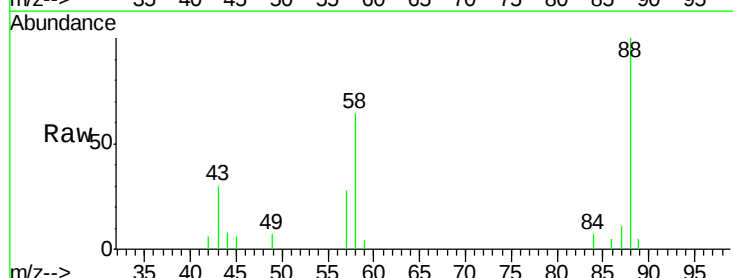
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



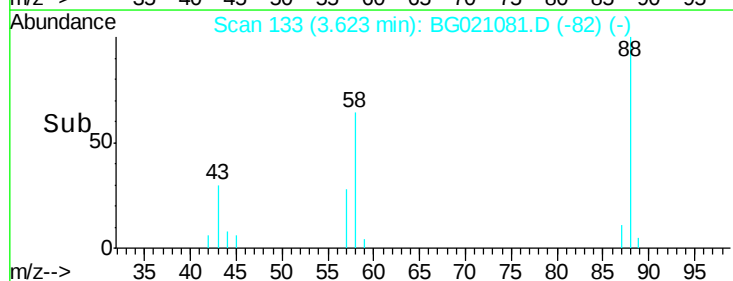
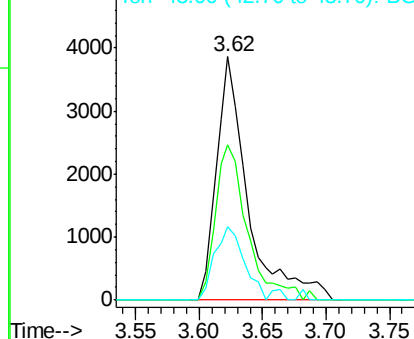
#2

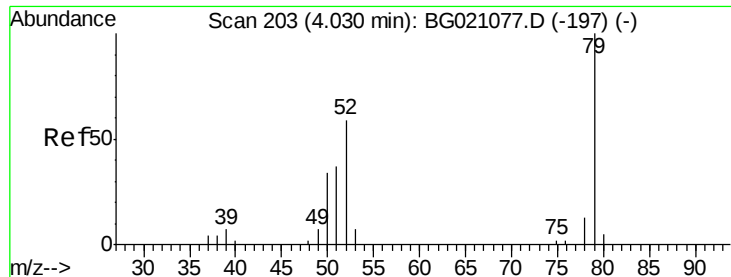
1,4-Dioxane
Concen: 38.57 ng
RT: 3.62 min Scan# 133
Delta R.T. -0.00 min
Lab File: BG021081.D
Acq: 26 Feb 2016 16:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.2	55.9	83.9
43	27.9	22.5	33.7



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 41.69 ng

RT: 4.03 min Scan# 202

Delta R.T. -0.00 min

Lab File: BG021081.D

Acq: 26 Feb 2016 16:30

Instrument :

BNA_G

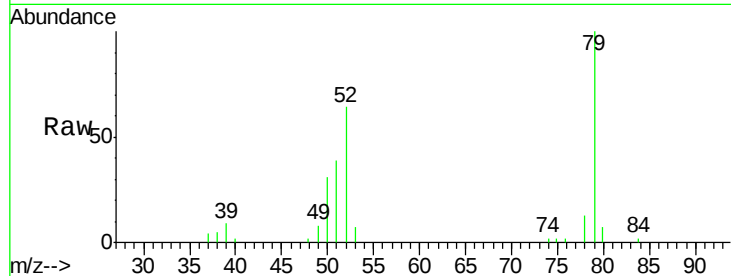
ClientSampleId :

ICVBG022616

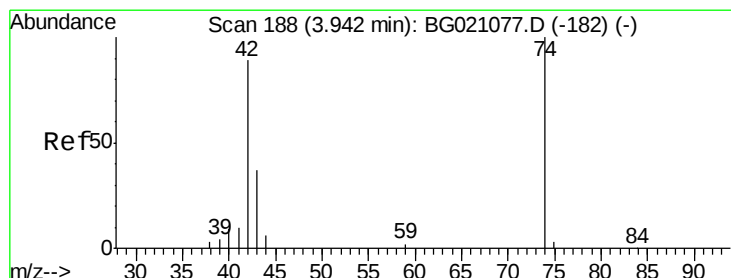
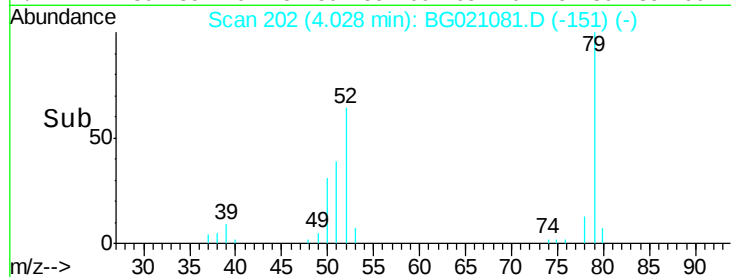
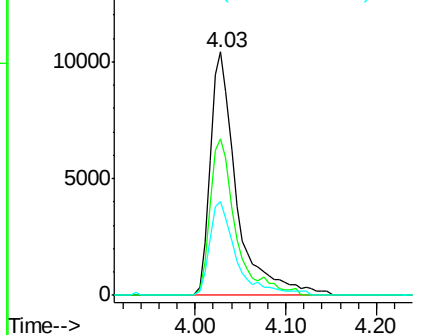
Tgt Ion:	79	Resp:	21102
Ion	Ratio	Lower	Upper
79	100		
52	64.3	53.2	79.8
51	38.7	26.1	39.1

Manual Integrations
APPROVED

Sohil
2/29/2016 10:21:37 AM



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 39.70 ng

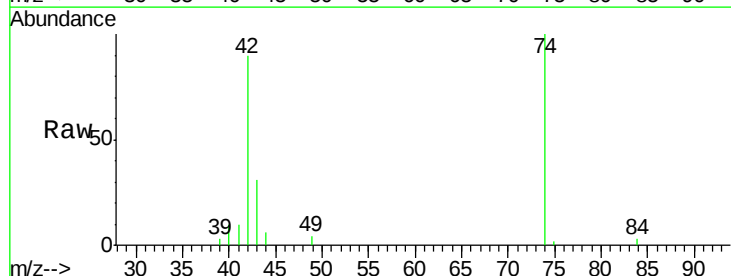
RT: 3.94 min Scan# 187

Delta R.T. -0.00 min

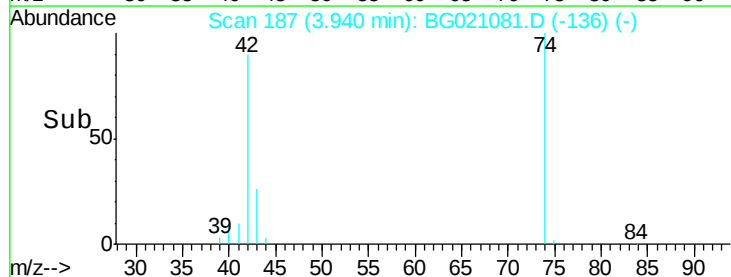
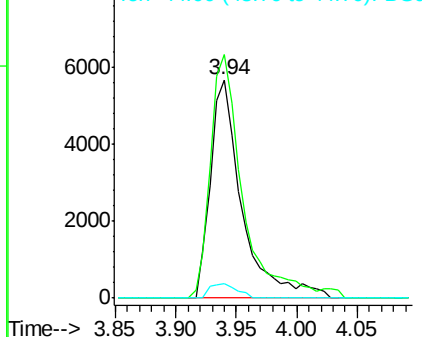
Lab File: BG021081.D

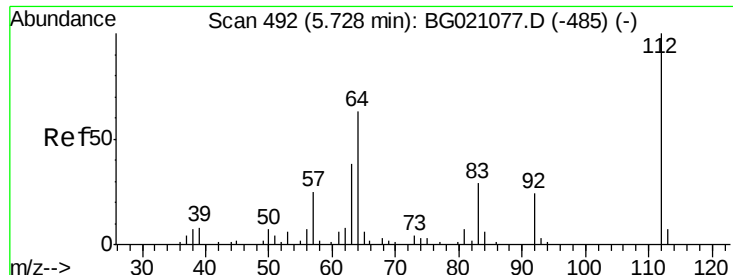
Acq: 26 Feb 2016 16:30

Tgt Ion:	42	Resp:	10187
Ion	Ratio	Lower	Upper
42	100		
74	111.6	102.3	153.5
44	6.6	4.8	7.2



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





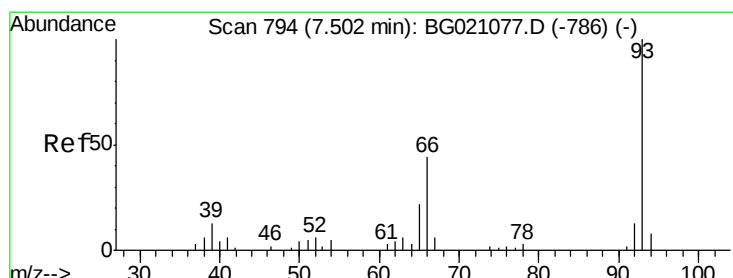
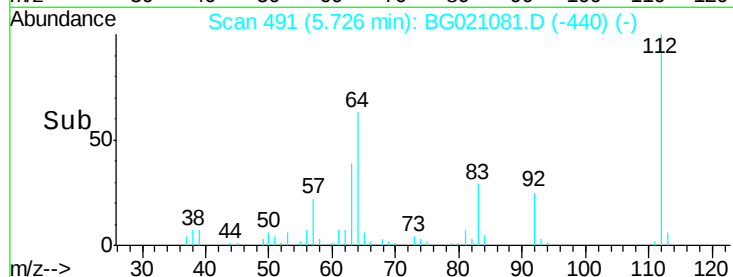
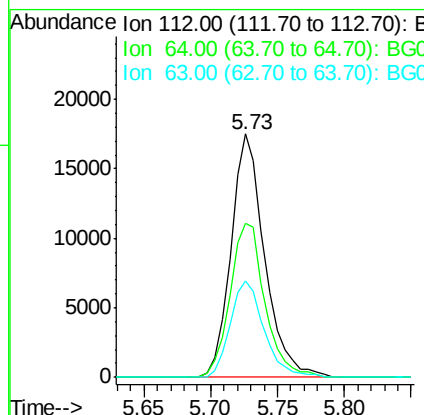
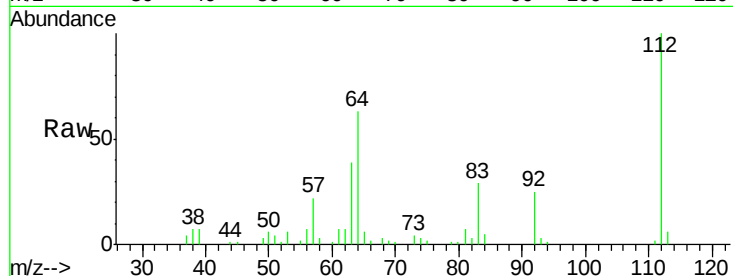
#5
 2-Fluorophenol
 Concen: 82.20 ng
 RT: 5.73 min Scan# 491
 Delta R.T. -0.00 min
 Lab File: BG021081.D
 Acq: 26 Feb 2016 16:30

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG022616

Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	63.2	42.6	63.8
63	39.4	21.7	32.5

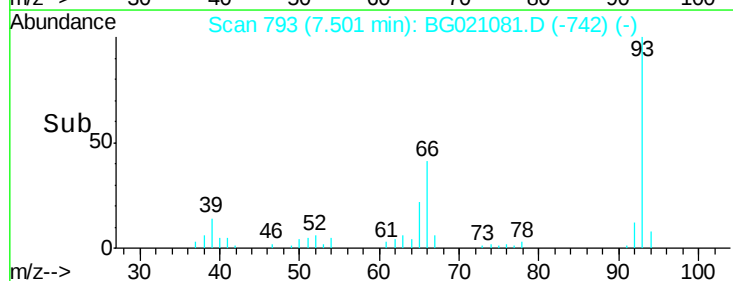
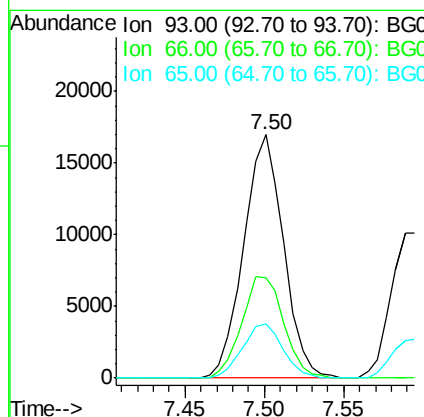
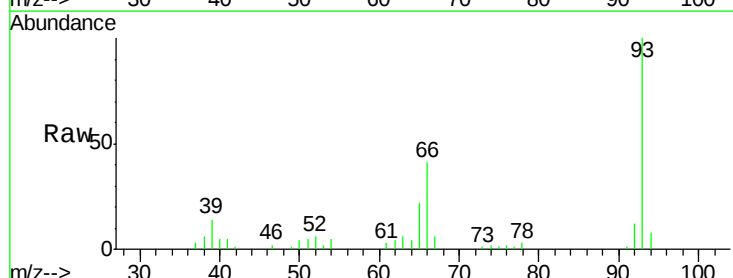
Manual Integrations
 APPROVED

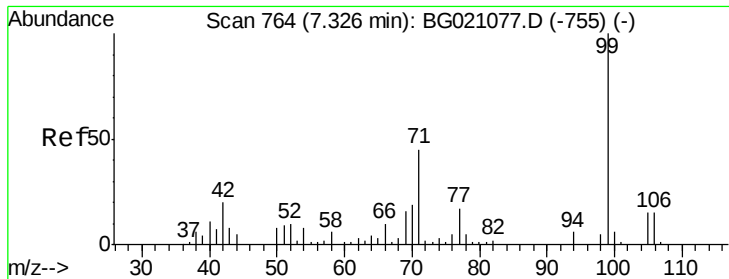
Sohil
 2/29/2016 10:21:37 AM



#6
 Aniline
 Concen: 43.08 ng
 RT: 7.50 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BG021081.D
 Acq: 26 Feb 2016 16:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	40.9	30.1	45.1
65	22.4	16.6	24.8





#7

Phenol-d6

Concen: 81.28 ng

RT: 7.32 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG021081.D

Acq: 26 Feb 2016 16:30

Instrument :

BNA_G

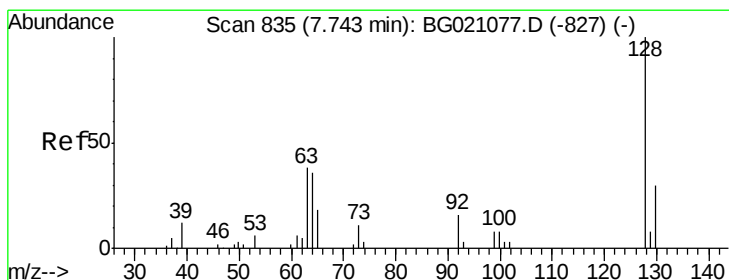
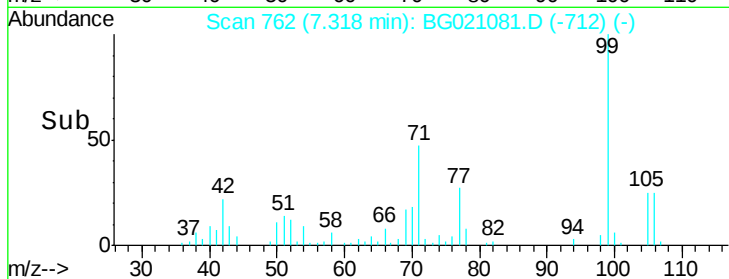
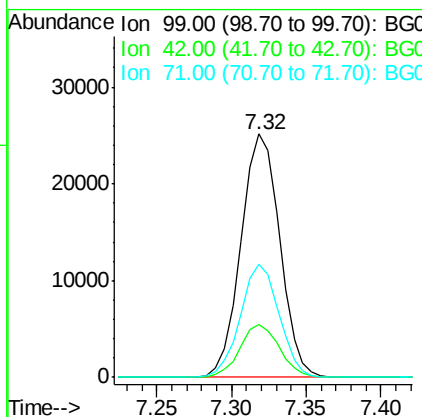
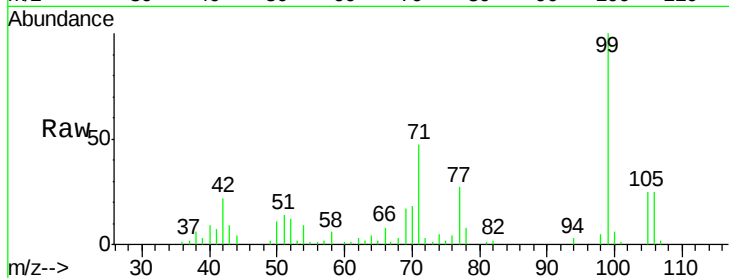
ClientSampleId :

ICVBG022616

Tgt Ion:	99	Resp:	45205
Ion Ratio	Lower	Upper	
99	100		
42	21.9	13.2	19.8#
71	46.6	25.2	37.8#

Manual Integrations
APPROVED

Sohil
2/29/2016 10:21:37 AM



#8

2-Chlorophenol

Concen: 40.91 ng

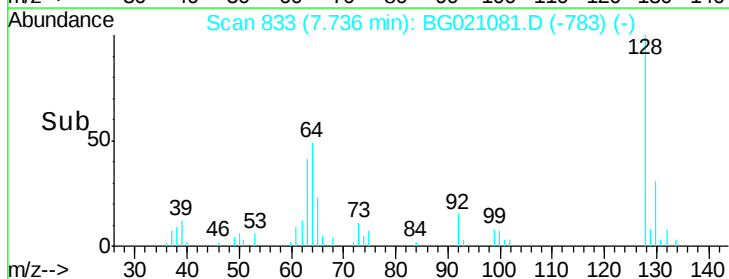
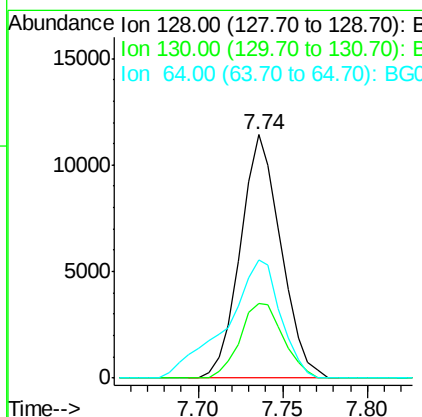
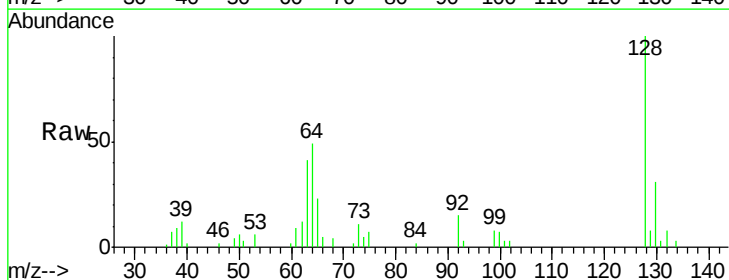
RT: 7.74 min Scan# 833

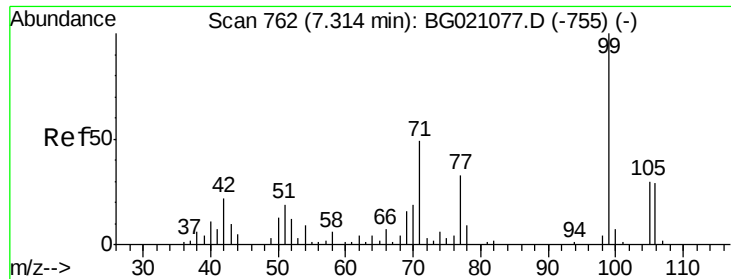
Delta R.T. -0.01 min

Lab File: BG021081.D

Acq: 26 Feb 2016 16:30

Tgt Ion:	128	Resp:	19070
Ion Ratio	Lower	Upper	
128	100		
130	30.6	11.9	51.9
64	48.8	25.8	65.8





#9

Benzaldehyde

Concen: 45.23 ng

RT: 7.31 min Scan# 761

Delta R.T. -0.00 min

Lab File: BG021081.D

Acq: 26 Feb 2016 16:30

Instrument :

BNA_G

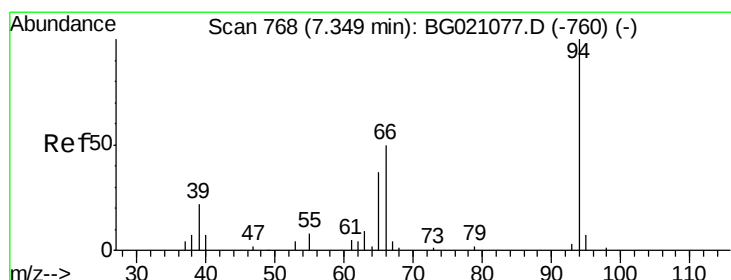
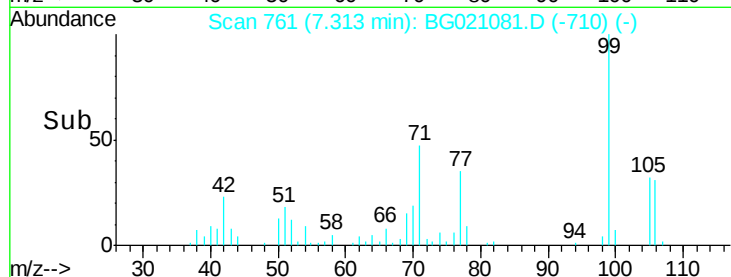
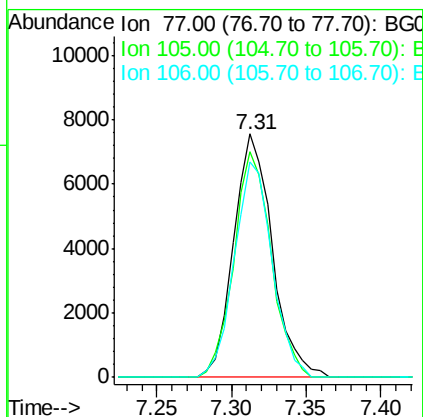
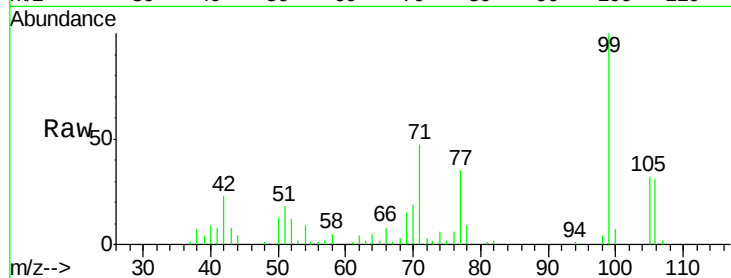
ClientSampleId :

ICVBG022616

Tgt Ion:	77	Resp:	13625
Ion Ratio	Lower	Upper	
77	100		
105	93.0	77.4	117.4
106	88.5	72.8	112.8

Manual Integrations
APPROVED

Sohil
2/29/2016 10:21:37 AM



#10

Phenol

Concen: 42.24 ng

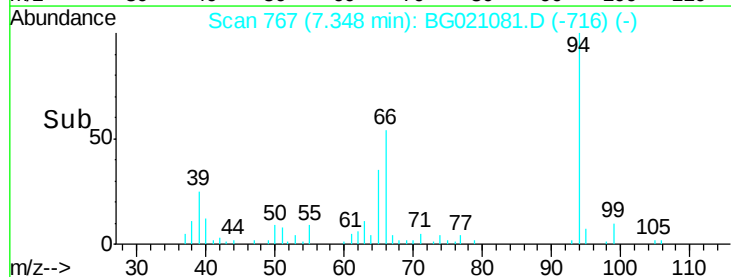
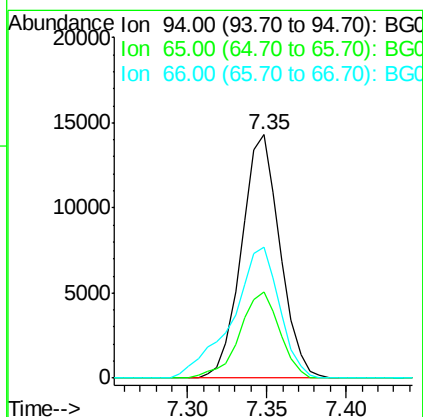
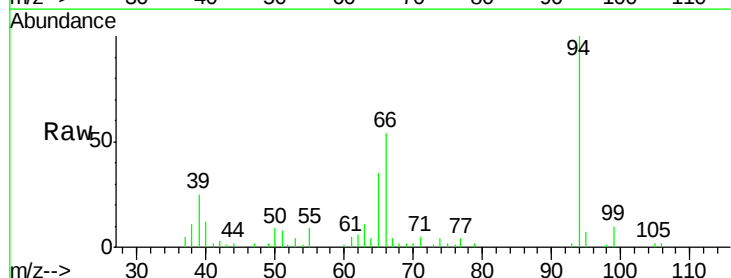
RT: 7.35 min Scan# 767

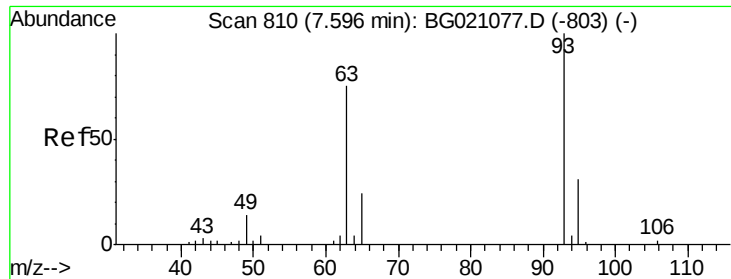
Delta R.T. -0.00 min

Lab File: BG021081.D

Acq: 26 Feb 2016 16:30

Tgt Ion:	94	Resp:	24063
Ion Ratio	Lower	Upper	
94	100		
65	35.5	7.2	47.2
66	53.8	15.4	55.4





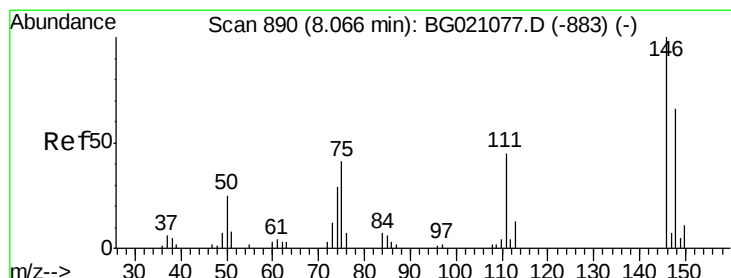
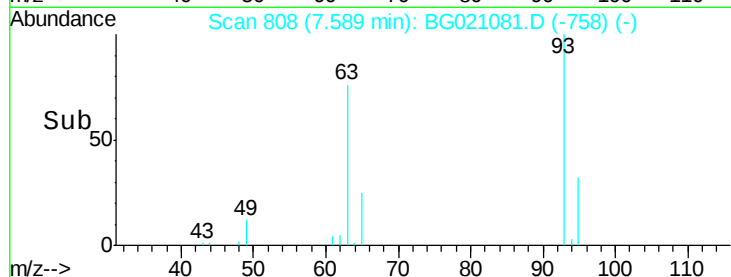
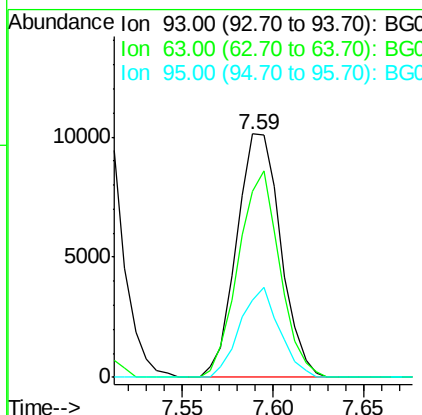
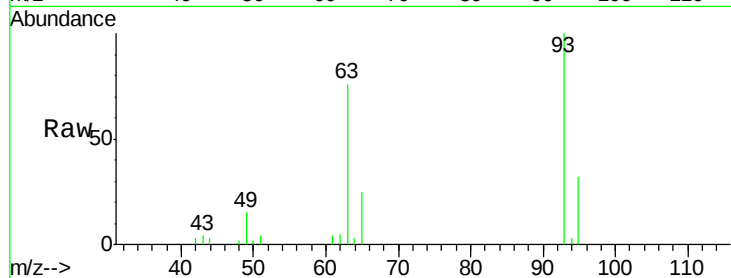
#11
bis(2-Chloroethyl)ether
Concen: 39.43 ng
RT: 7.59 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG021081.D
Acq: 26 Feb 2016 16:30

Instrument :
BNA_G
ClientSampled :
ICVBG022616

Tgt Ion	Ratio	Lower	Upper
93	100		
63	76.5	60.5	100.5
95	31.8	14.6	54.6

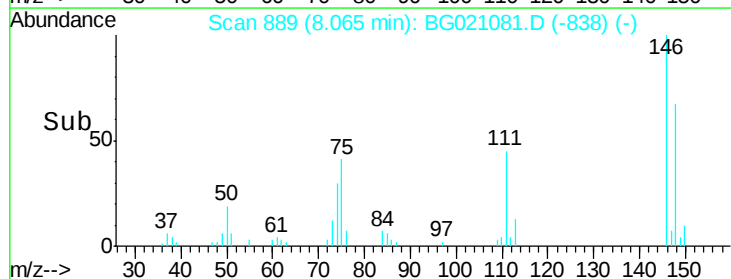
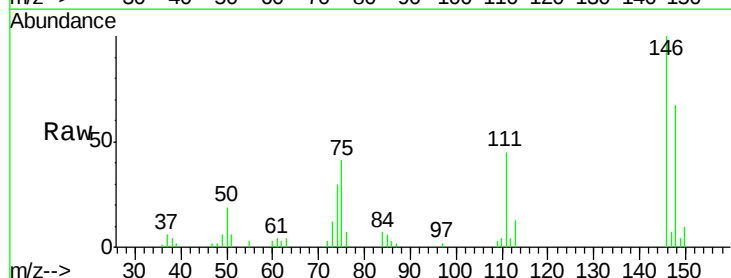
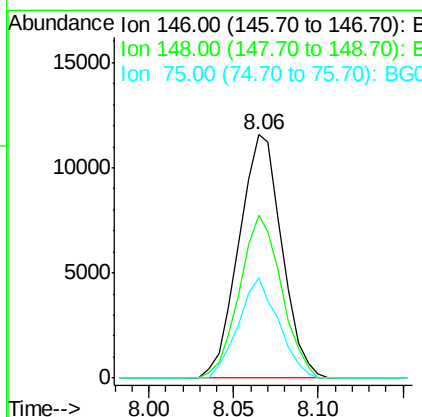
Manual Integrations
APPROVED

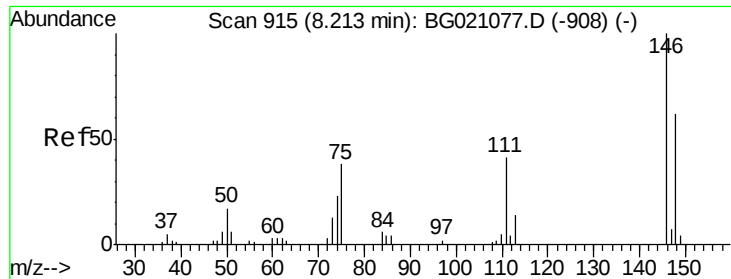
Sohil
2/29/2016 10:21:37 AM



#12
1,3-Dichlorobenzene
Concen: 41.16 ng
RT: 8.06 min Scan# 889
Delta R.T. -0.00 min
Lab File: BG021081.D
Acq: 26 Feb 2016 16:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.7	52.6	78.8
75	41.2	24.0	36.0





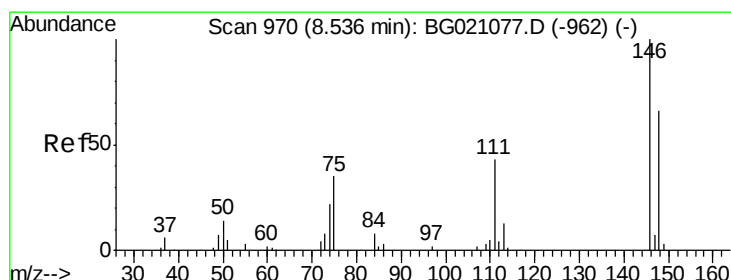
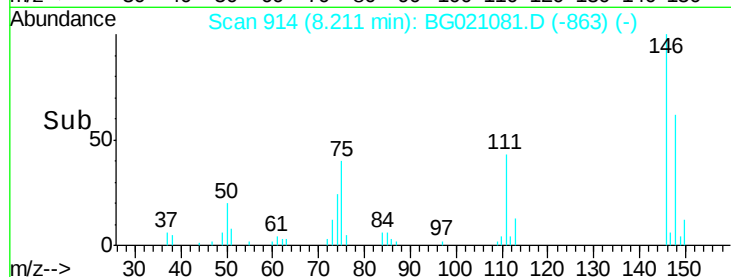
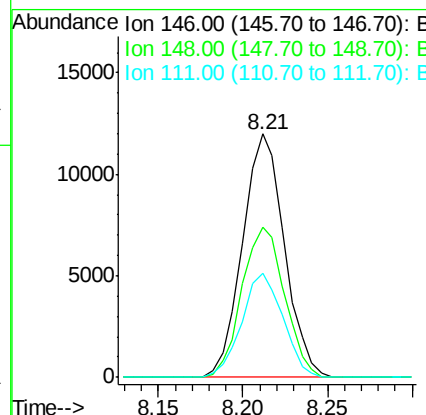
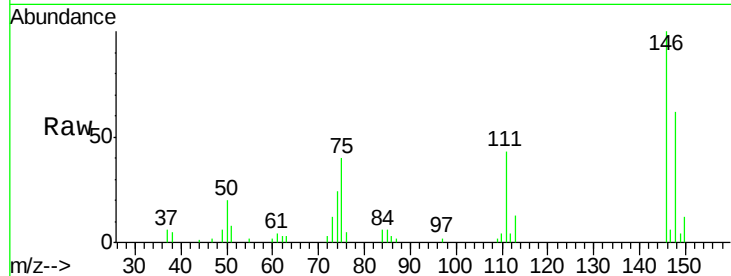
#13
 1,4-Dichlorobenzene
 Concen: 39.00 ng
 RT: 8.21 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BG021081.D
 Acq: 26 Feb 2016 16:30

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG022616

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.7	50.2	75.4
111	42.6	31.9	47.9

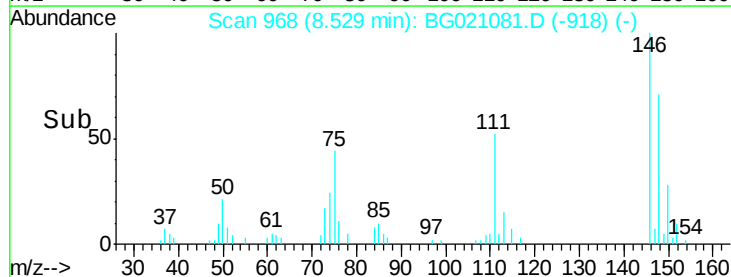
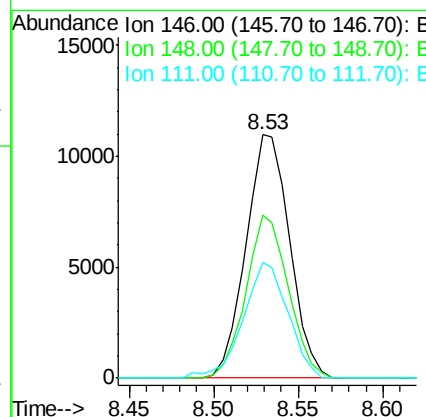
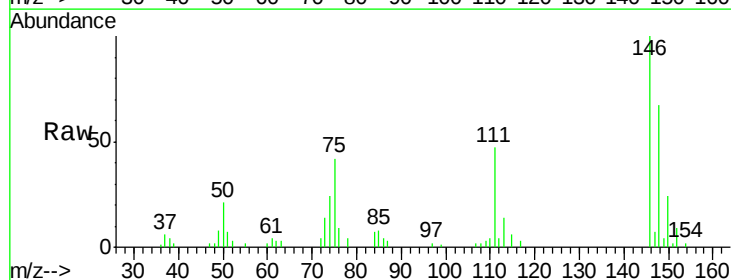
Manual Integrations
 APPROVED

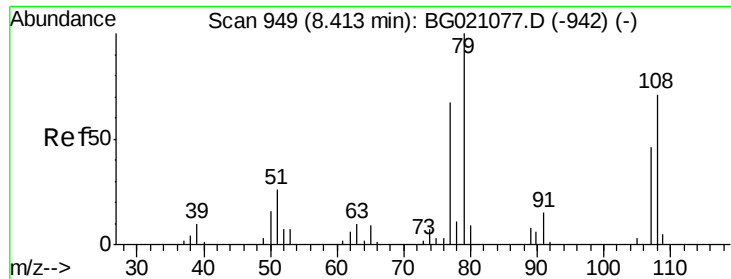
Sohil
 2/29/2016 10:21:37 AM



#14
 1,2-Dichlorobenzene
 Concen: 39.33 ng
 RT: 8.53 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BG021081.D
 Acq: 26 Feb 2016 16:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.1	50.5	75.7
111	47.4	35.4	53.2





#15

Benzyl Alcohol

Concen: 44.57 ng

RT: 8.41 min Scan# 948

Delta R.T. -0.00 min

Lab File: BG021081.D

Acq: 26 Feb 2016 16:30

Instrument :

BNA_G

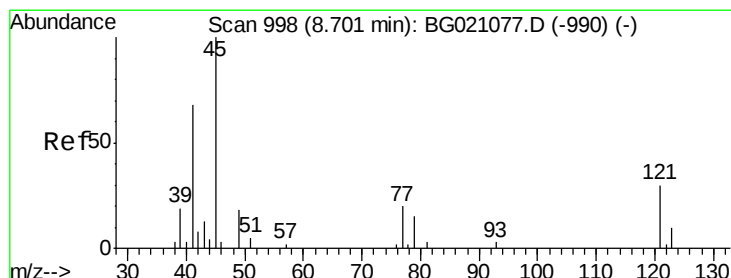
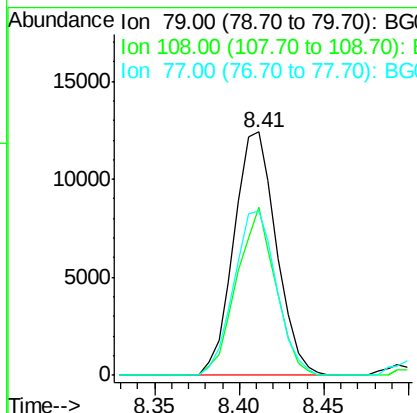
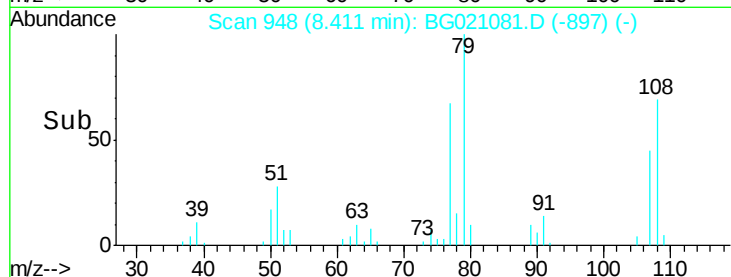
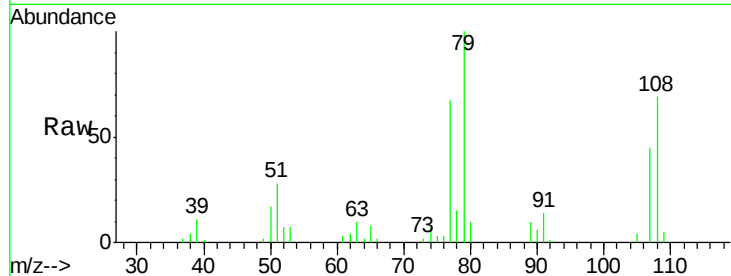
ClientSampleId :

ICVBG022616

Tgt Ion:	79	Resp:	21652
Ion Ratio	Lower	Upper	
79	100		
108	69.2	65.1	97.7
77	67.4	53.8	80.8

Manual Integrations
APPROVED

Sohil
2/29/2016 10:21:37 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.16 ng

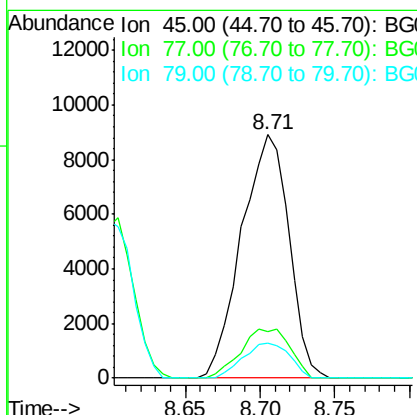
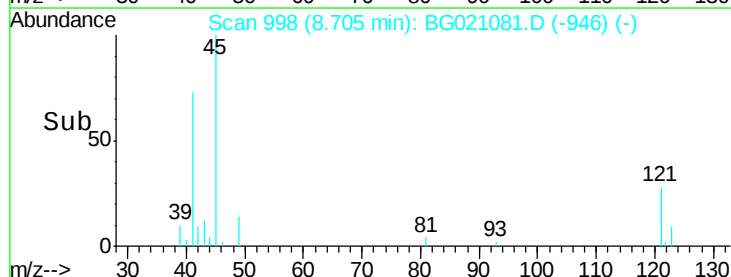
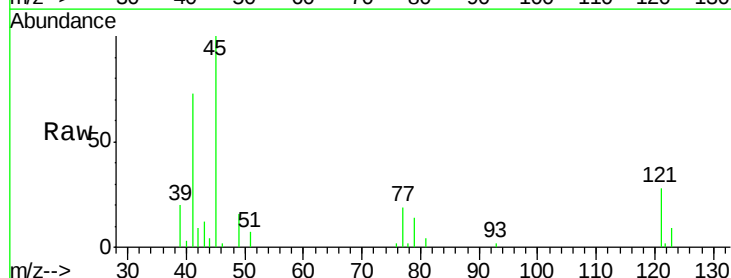
RT: 8.71 min Scan# 998

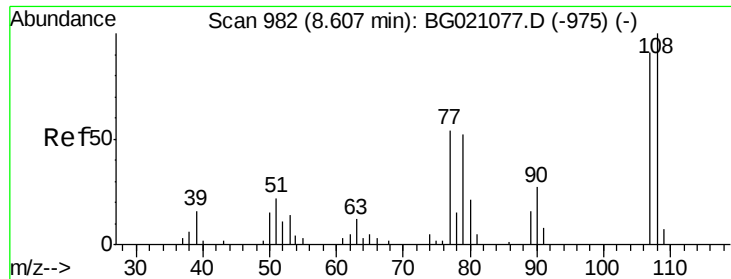
Delta R.T. 0.00 min

Lab File: BG021081.D

Acq: 26 Feb 2016 16:30

Tgt Ion:	45	Resp:	19609
Ion Ratio	Lower	Upper	
45	100		
77	19.1	0.0	33.3
79	14.4	0.0	29.6





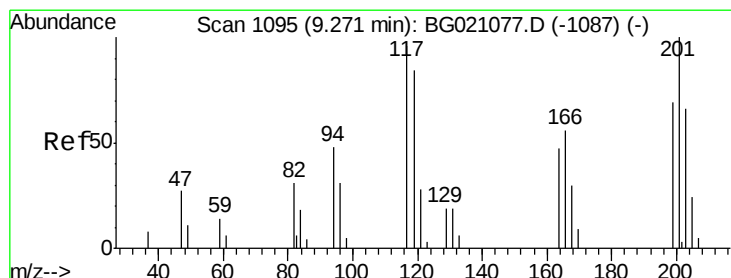
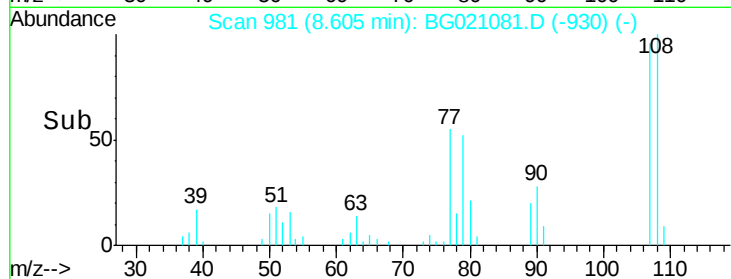
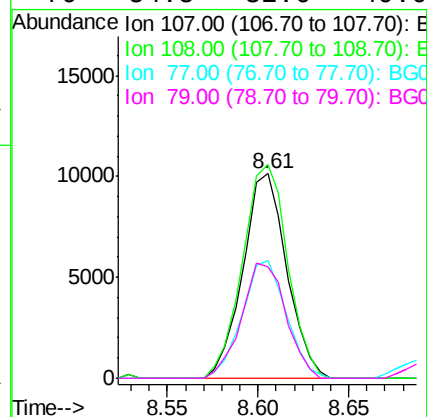
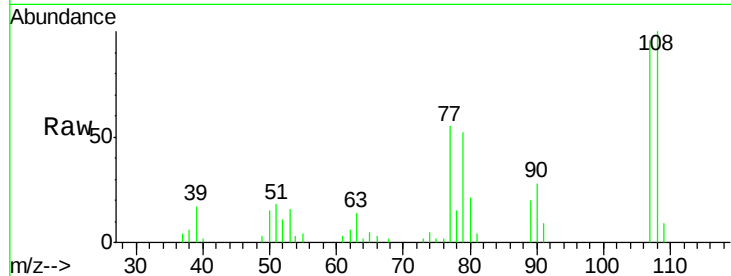
#17
2-Methylphenol
Concen: 42.25 ng
RT: 8.61 min Scan# 981
Delta R.T. -0.00 min
Lab File: BG021081.D
Acq: 26 Feb 2016 16:30

Instrument :
BNA_G
ClientSampleId :
ICVBG022616

Tgt Ion:	107	Resp:	16992
Ion Ratio	Lower	Upper	
107	100		
108	104.4	88.8	133.2
77	57.8	38.0	57.0#
79	54.5	32.6	49.0#

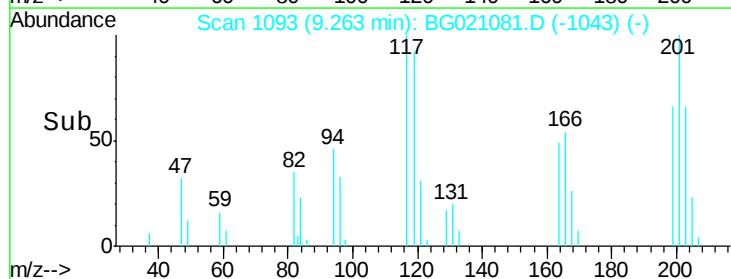
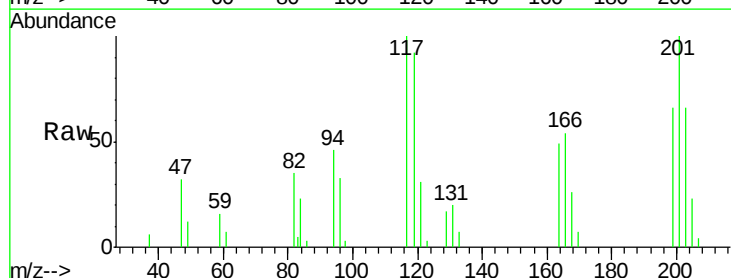
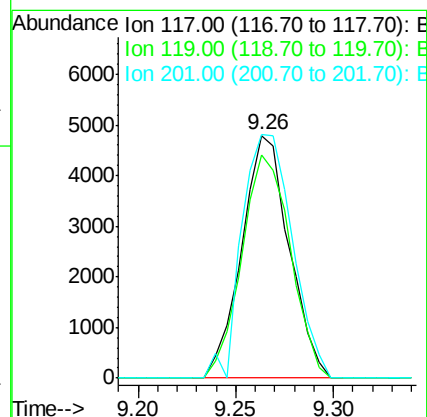
Manual Integrations
APPROVED

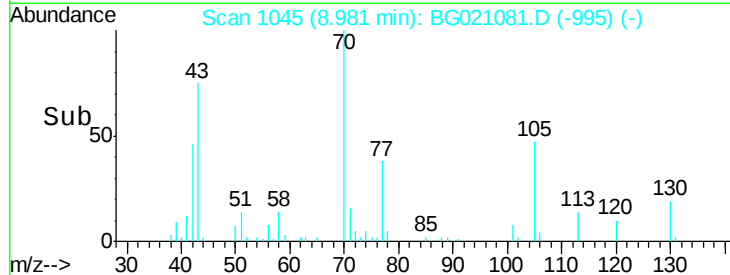
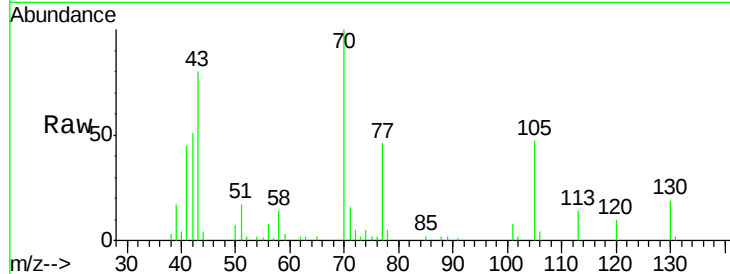
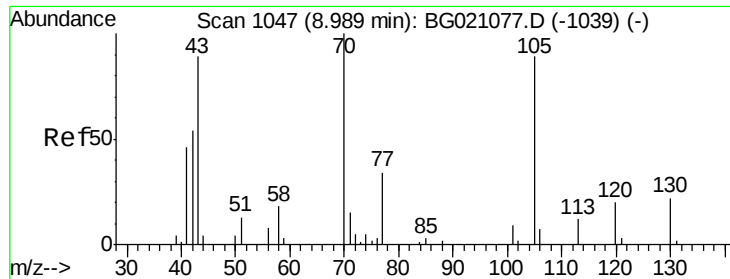
Sohil
2/29/2016 10:21:37 AM



#18
Hexachloroethane
Concen: 40.19 ng
RT: 9.26 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BG021081.D
Acq: 26 Feb 2016 16:30

Tgt Ion:	117	Resp:	8058
Ion Ratio	Lower	Upper	
117	100		
119	91.9	74.5	111.7
201	100.2	68.2	102.4





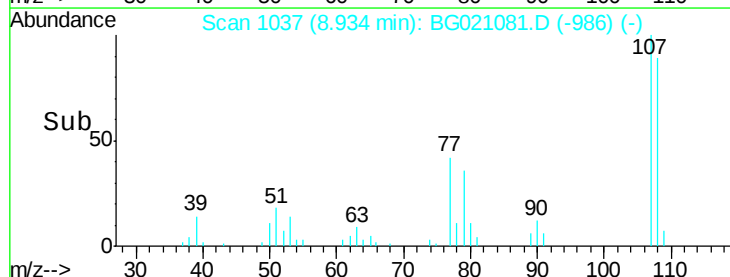
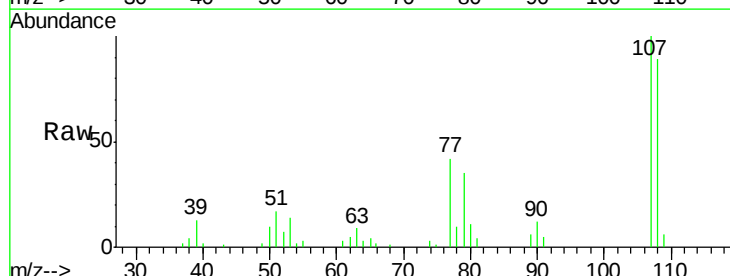
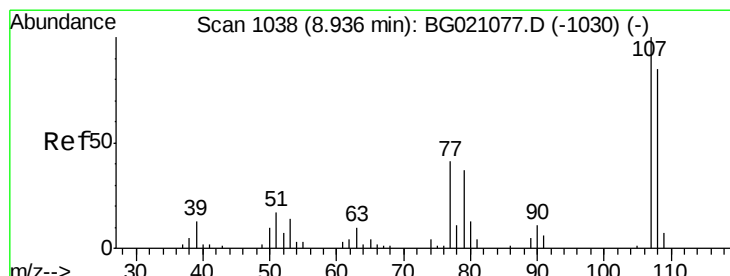
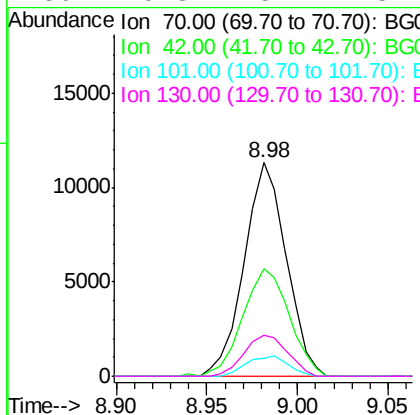
#19
n-Nitroso-di-n-propylamine
Concen: 42.46 ng
RT: 8.98 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG021081.D
Acq: 26 Feb 2016 16:30

Instrument :
BNA_G
ClientSampleId :
ICVBG022616

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	50.6	48.8	73.2	
101	8.1	8.5	12.7	
130	19.3	15.4	23.2	

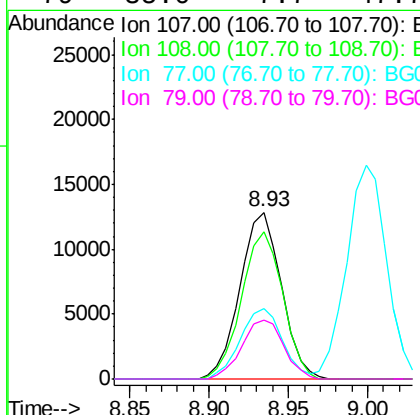
Manual Integrations
APPROVED

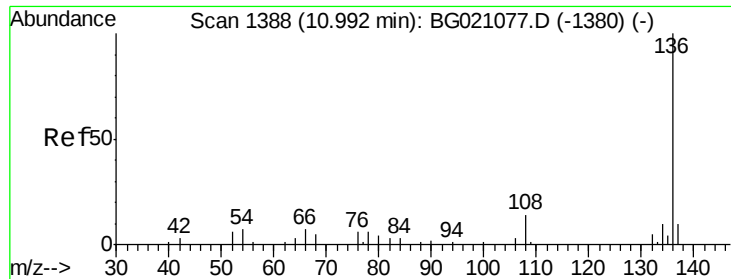
Sohil
2/29/2016 10:21:37 AM



#20
3+4-Methylphenols
Concen: 41.80 ng
RT: 8.93 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BG021081.D
Acq: 26 Feb 2016 16:30

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.7	67.6	107.6	
77	42.4	14.4	54.4	
79	35.0	7.7	47.7	





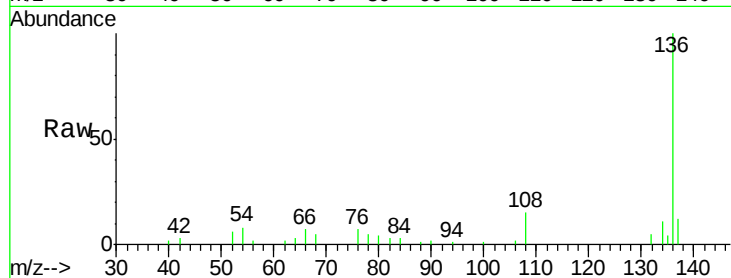
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BG021081.D
Acq: 26 Feb 2016 16:30

Instrument :
BNA_G
ClientSampleId :
ICVBG022616

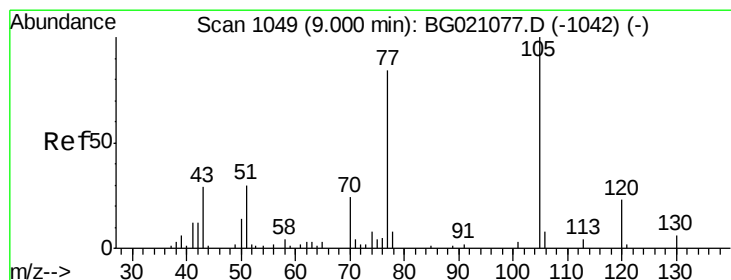
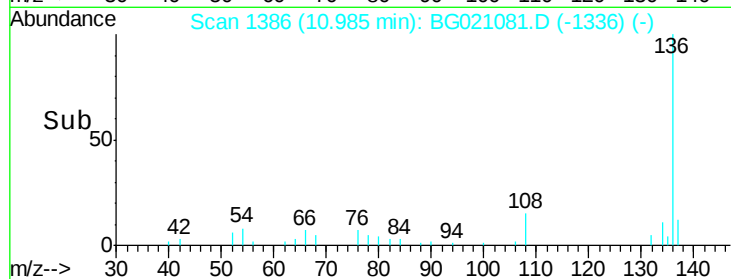
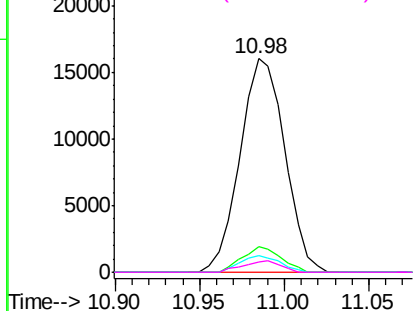
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	29578		
137	12.1	8.8	13.2	
54	7.7	6.9	10.3	
68	4.8	5.8	8.6	

Manual Integrations
APPROVED

Sohil
2/29/2016 10:21:37 AM



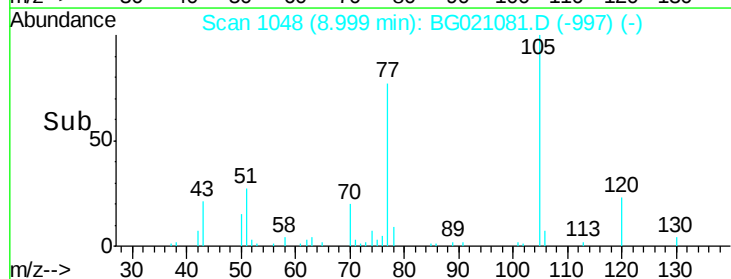
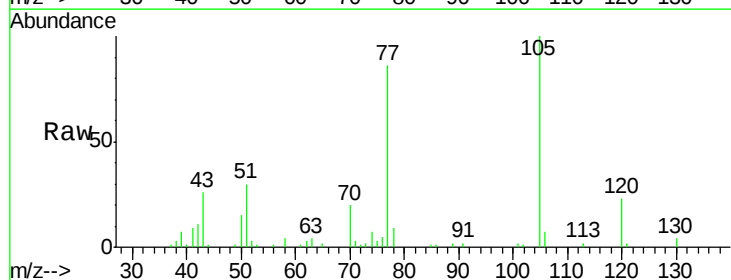
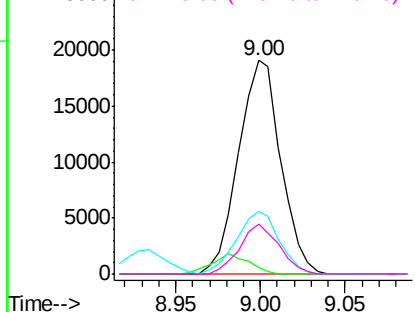
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

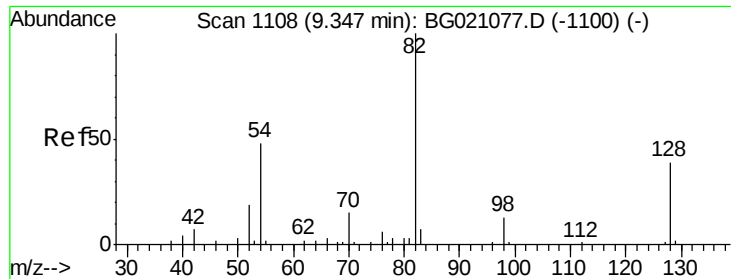


#22
Acetophenone
Concen: 40.63 ng
RT: 9.00 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BG021081.D
Acq: 26 Feb 2016 16:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	33171		
71	3.0	0.0	0.0	
51	29.5	21.4	32.2	
120	23.2	18.0	27.0	

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





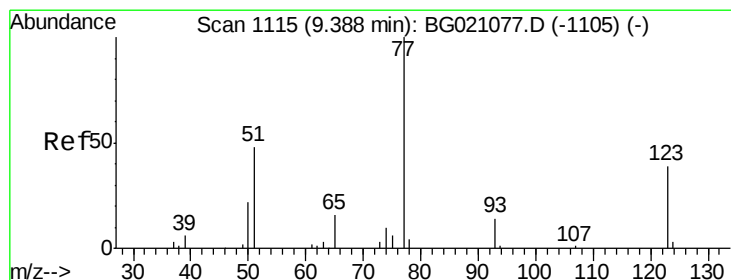
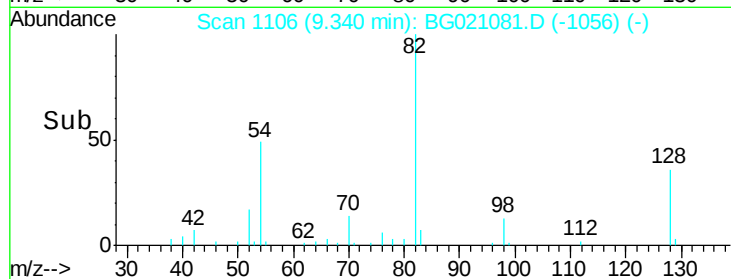
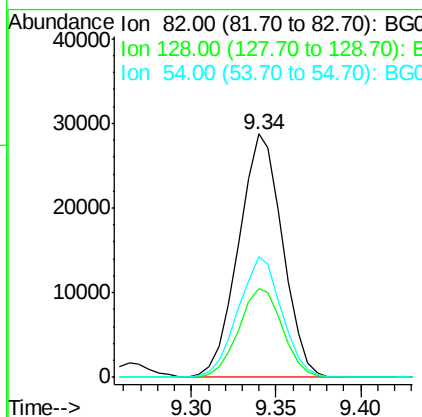
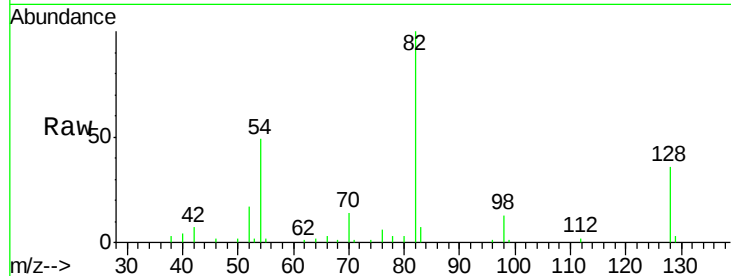
#23
Nitrobenzene-d5
Concen: 83.47 ng
RT: 9.34 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BG021081.D
Acq: 26 Feb 2016 16:30

Instrument :
BNA_G
ClientSampleId :
ICVBG022616

Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.2	36.3	54.5#
54	49.5	37.6	56.4

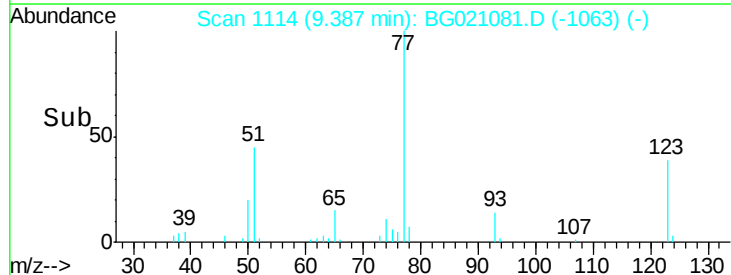
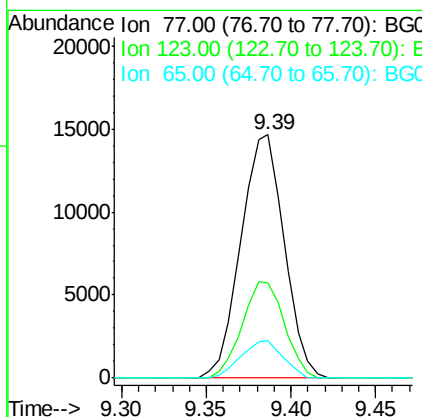
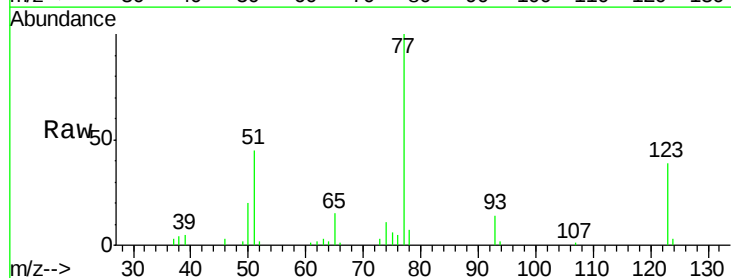
Manual Integrations
APPROVED

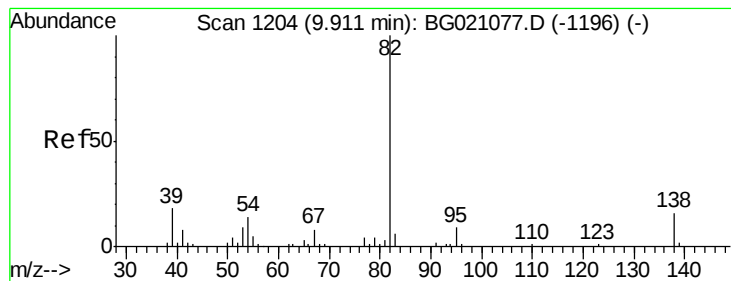
Sohil
2/29/2016 10:21:37 AM



#24
Nitrobenzene
Concen: 40.73 ng
RT: 9.39 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BG021081.D
Acq: 26 Feb 2016 16:30

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.9	35.8	53.6
65	15.4	10.6	16.0





#25

Isophorone

Concen: 41.32 ng

RT: 9.91 min Scan# 1203

Delta R.T. -0.00 min

Lab File: BG021081.D

Acq: 26 Feb 2016 16:30

Instrument :

BNA_G

ClientSampleId :

ICVBG022616

Tgt Ion: 82 Resp: 48077

Ion Ratio Lower Upper

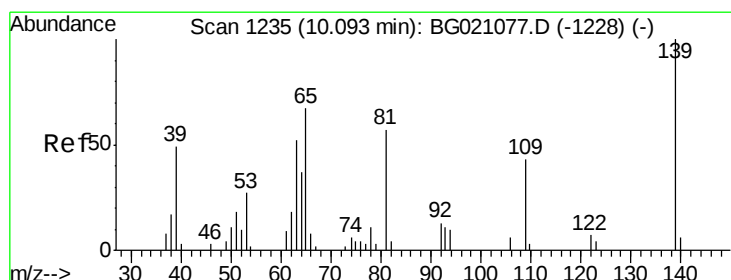
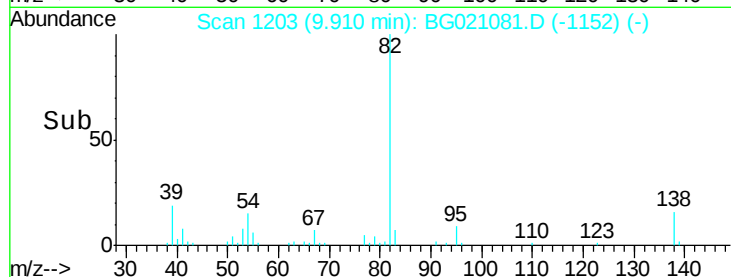
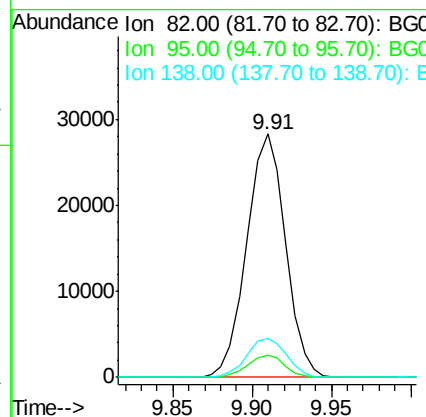
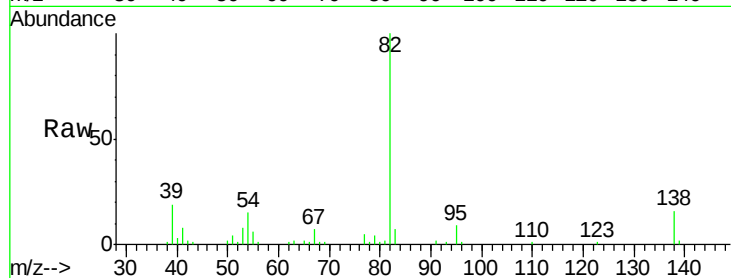
82 100

95 9.0 5.4 8.0#

138 16.1 13.4 20.0

Manual Integrations
APPROVED

Sohil
2/29/2016 10:21:37 AM



#26

2-Nitrophenol

Concen: 42.38 ng

RT: 10.10 min Scan# 1235

Delta R.T. 0.00 min

Lab File: BG021081.D

Acq: 26 Feb 2016 16:30

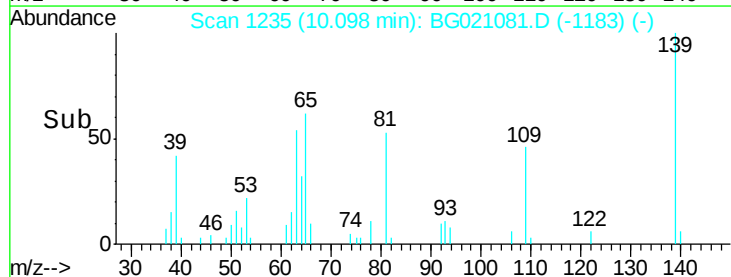
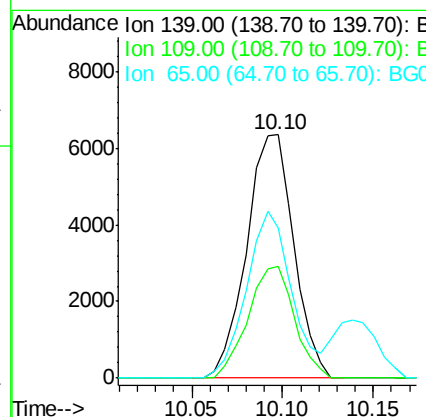
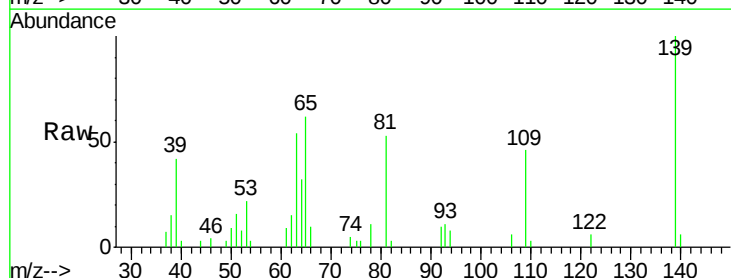
Tgt Ion: 139 Resp: 11492

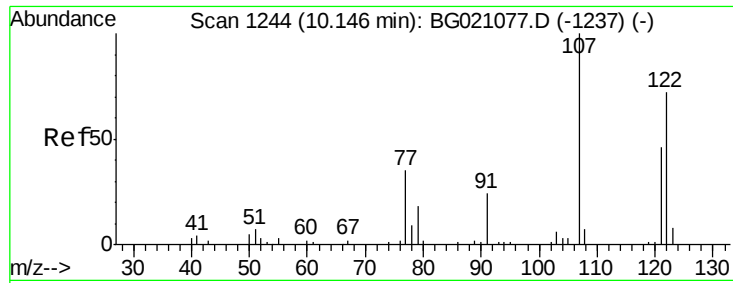
Ion Ratio Lower Upper

139 100

109 45.8 21.4 32.0#

65 61.7 37.8 56.8#





#27

2,4-Dimethylphenol

Concen: 40.80 ng

RT: 10.14 min Scan# 1242

Delta R.T. -0.01 min

Lab File: BG021081.D

Acq: 26 Feb 2016 16:30

Instrument :

BNA_G

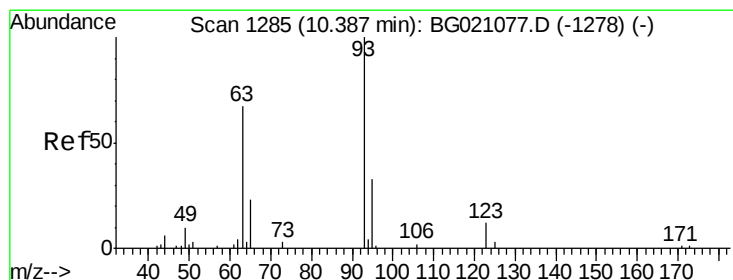
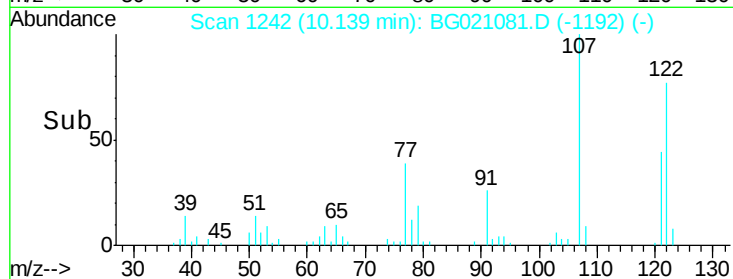
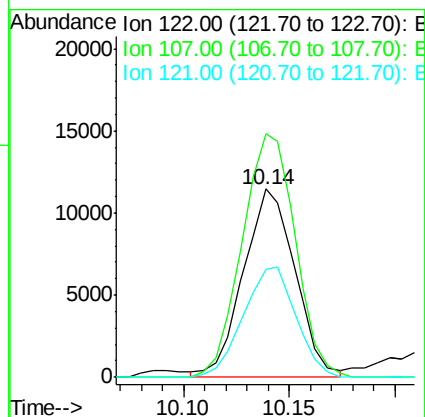
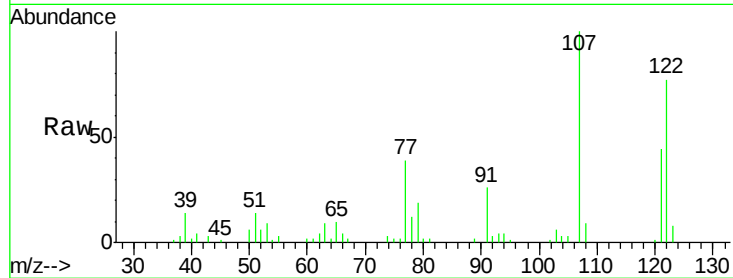
ClientSampleId :

ICVBG022616

Tgt Ion:	122	Resp:	19511
Ion Ratio	Lower	Upper	
122	100		
107	129.5	94.1	141.1
121	57.2	45.9	68.9

Manual Integrations
APPROVED

Sohil
2/29/2016 10:21:37 AM



#28

bis(2-Chloroethoxy)methane

Concen: 43.40 ng

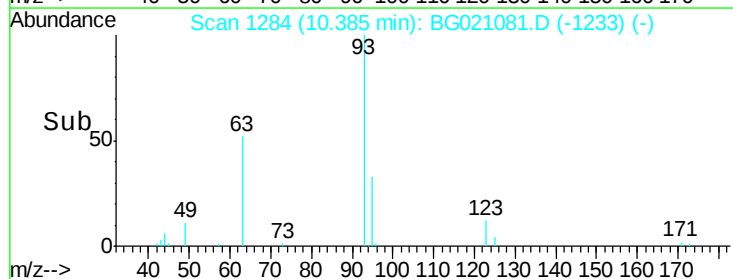
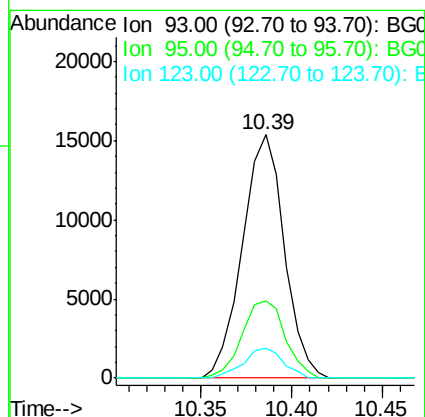
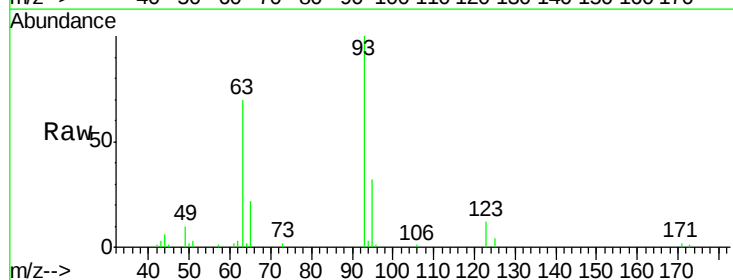
RT: 10.39 min Scan# 1284

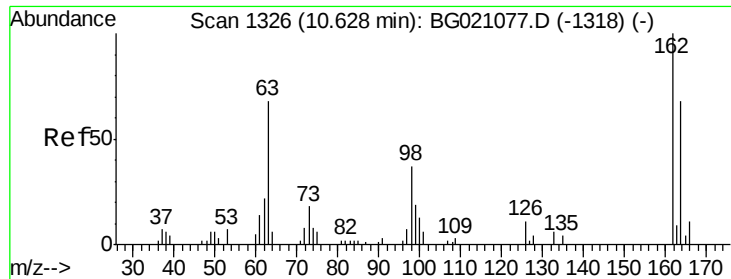
Delta R.T. -0.00 min

Lab File: BG021081.D

Acq: 26 Feb 2016 16:30

Tgt Ion:	93	Resp:	24611
Ion Ratio	Lower	Upper	
93	100		
95	31.9	24.2	36.2
123	12.2	9.0	13.6





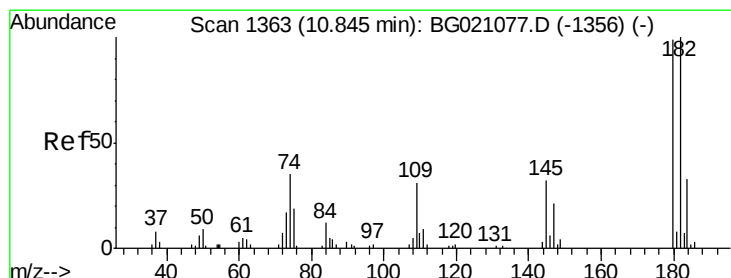
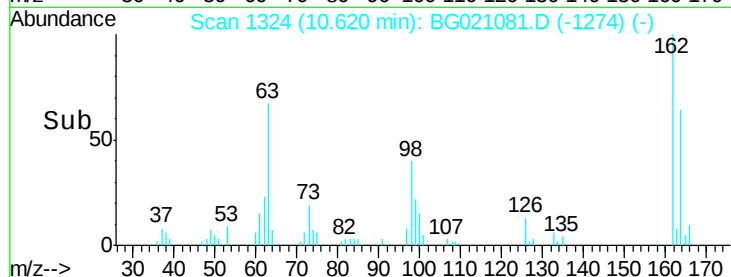
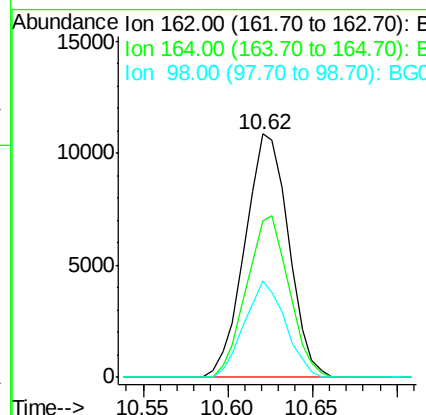
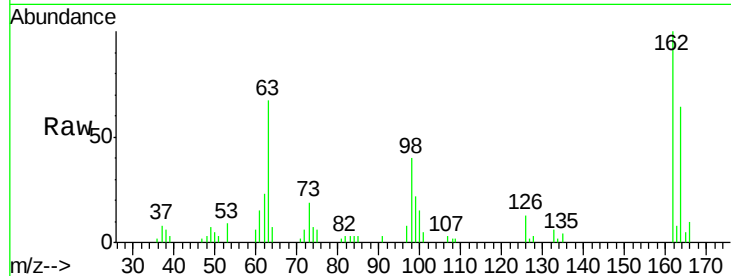
#29
 2,4-Dichlorophenol
 Concen: 41.80 ng
 RT: 10.62 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BG021081.D
 Acq: 26 Feb 2016 16:30

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG022616

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	19568		
164	64.4	43.7	83.7	
98	39.5	18.3	58.3	

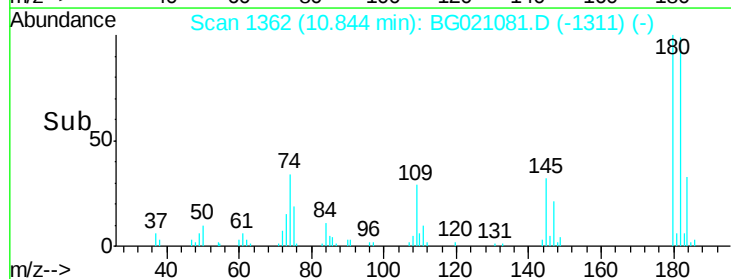
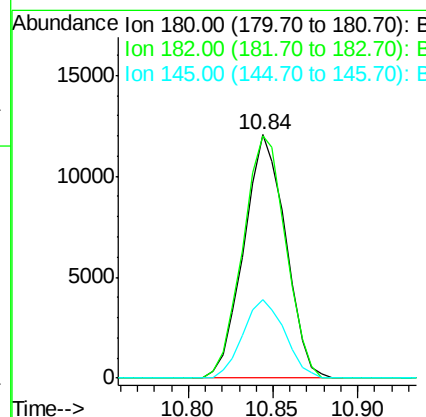
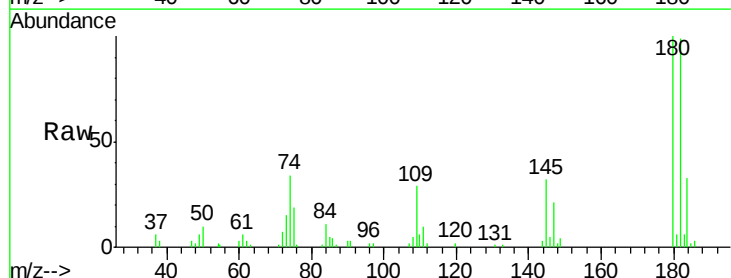
Manual Integrations
 APPROVED

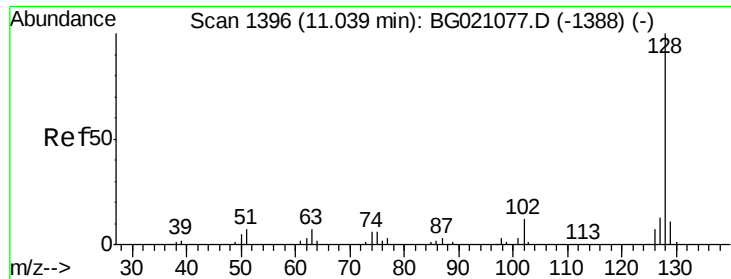
Sohil
 2/29/2016 10:21:37 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.04 ng
 RT: 10.84 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: BG021081.D
 Acq: 26 Feb 2016 16:30

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	20717		
182	99.3	77.4	116.0	
145	32.1	25.7	38.5	





#31

Naphthalene

Concen: 40.48 ng

RT: 11.04 min Scan# 1395

Delta R.T. -0.00 min

Lab File: BG021081.D

Acq: 26 Feb 2016 16:30

Instrument :

BNA_G

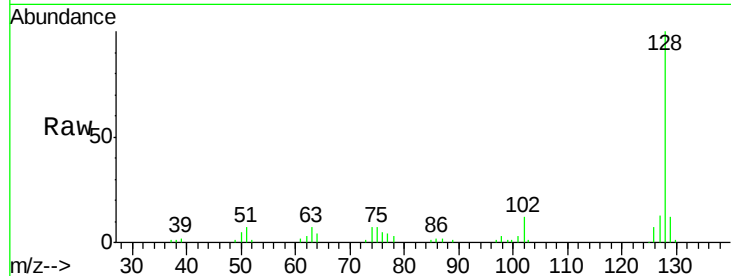
ClientSampleId :

ICVBG022616

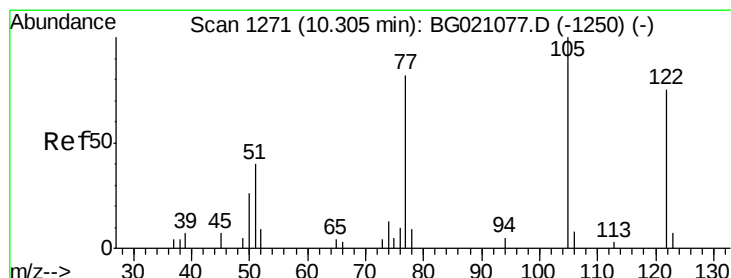
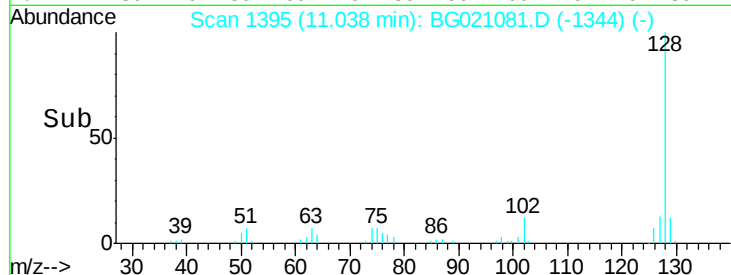
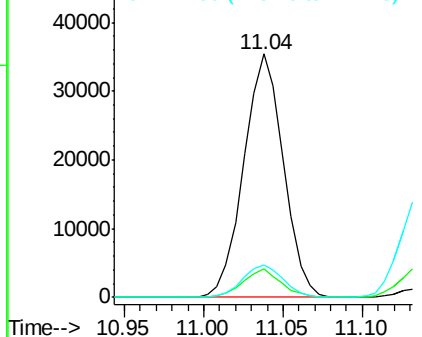
Tgt Ion:	128	Resp:	61505
Ion Ratio	Lower	Upper	
128	100		
129	11.9	9.4	14.2
127	13.4	10.8	16.2

Manual Integrations
APPROVED

Sohil
2/29/2016 10:21:37 AM



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: 34.85 ng

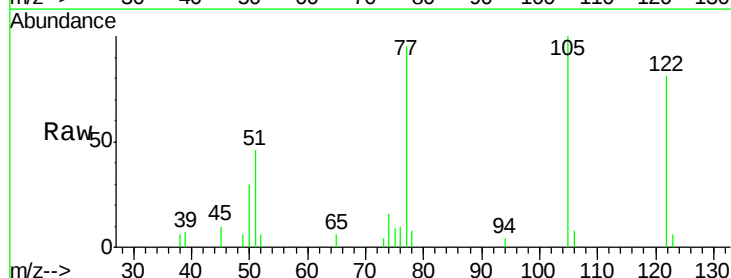
RT: 10.27 min Scan# 1265

Delta R.T. -0.03 min

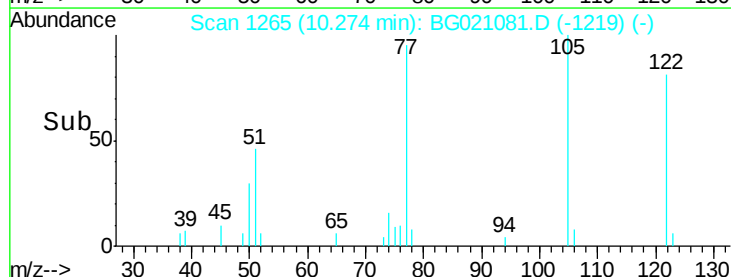
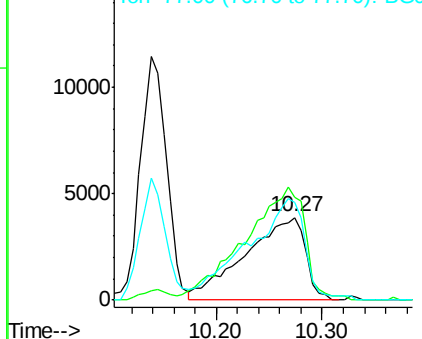
Lab File: BG021081.D

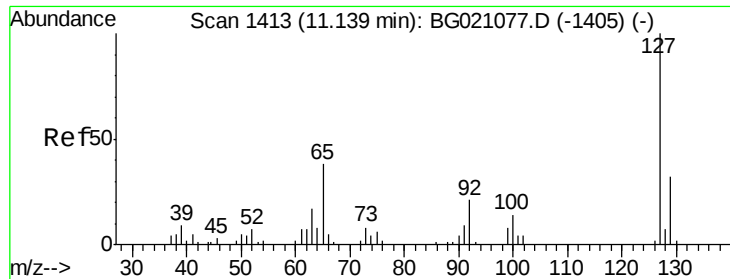
Acq: 26 Feb 2016 16:30

Tgt Ion:	122	Resp:	15305
Ion Ratio	Lower	Upper	
122	100		
105	124.0	98.7	138.7
77	118.4	84.5	124.5



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): BGO





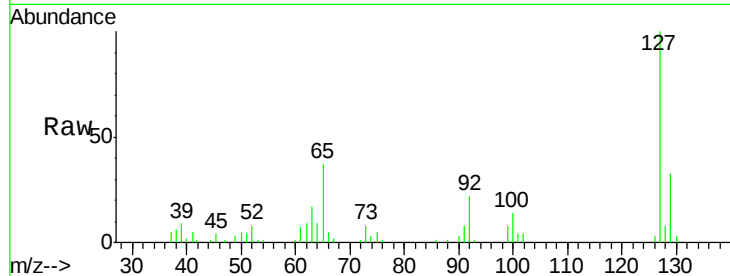
#33
4-Chloroaniline
Concen: 42.86 ng
RT: 11.14 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BG021081.D
Acq: 26 Feb 2016 16:30

Instrument :
BNA_G
ClientSampleId :
ICVBG022616

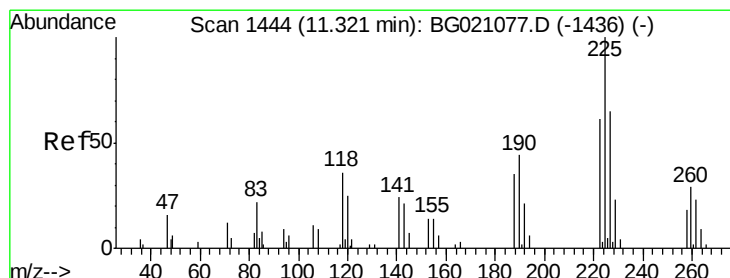
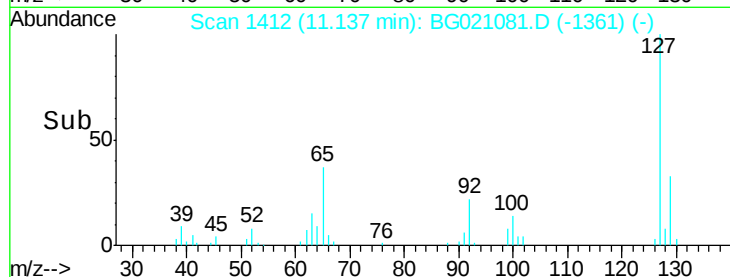
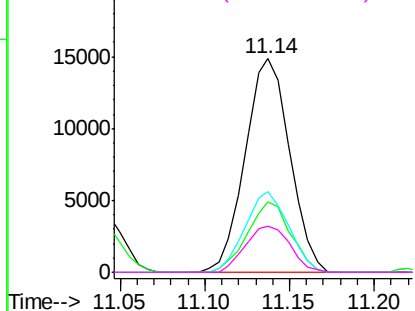
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	27197		
129	33.1	26.2	39.2	
65	37.5	22.9	34.3#	
92	21.9	15.0	22.6	

Manual Integrations
APPROVED

Sohil
2/29/2016 10:21:37 AM

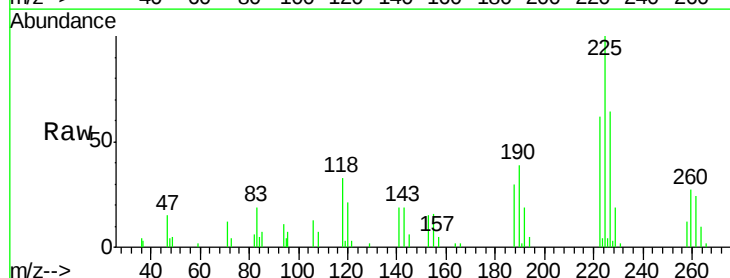


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

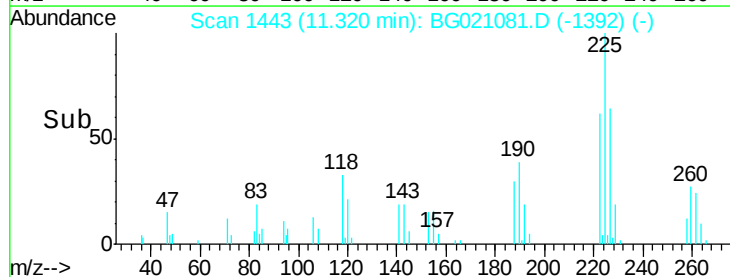
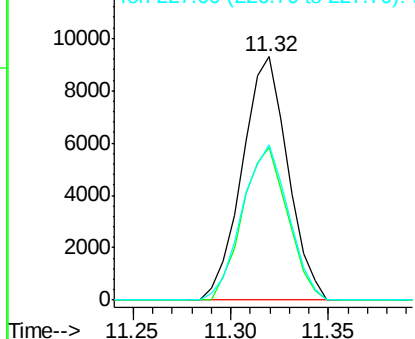


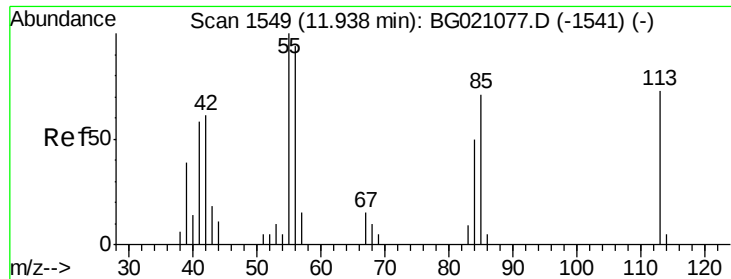
#34
Hexachlorobutadiene
Concen: 42.34 ng
RT: 11.32 min Scan# 1443
Delta R.T. -0.00 min
Lab File: BG021081.D
Acq: 26 Feb 2016 16:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	15034		
223	59.9	54.6	82.0	
227	64.1	54.6	81.8	



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: 41.61 ng

RT: 11.92 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BG021081.D

Acq: 26 Feb 2016 16:30

Instrument :

BNA_G

ClientSampleId :

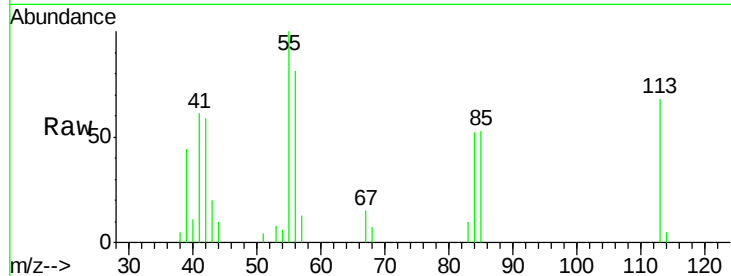
ICVBG022616

Tgt Ion:113 Resp: 6583

Ion	Ratio	Lower	Upper
113	100		
55	146.5	155.2	195.2#
56	118.9	94.0	134.0

Manual Integrations
APPROVED

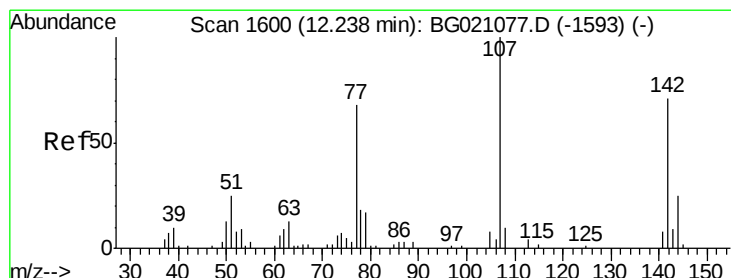
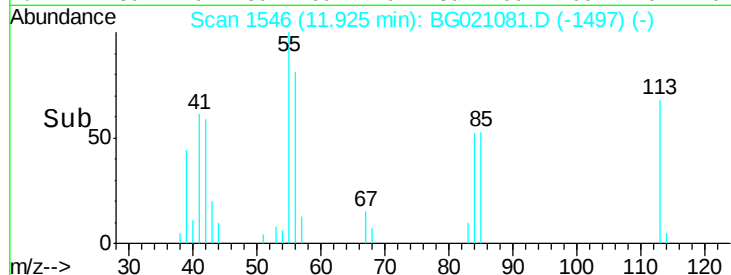
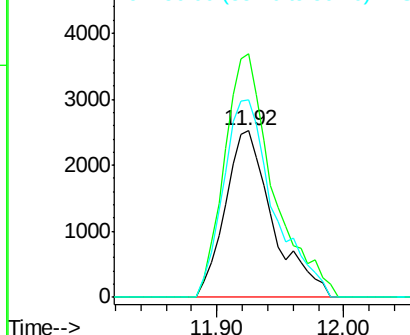
Sohil
2/29/2016 10:21:37 AM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): B

Ion 56.00 (55.70 to 56.70): B



#36

4-Chloro-3-methylphenol

Concen: 40.42 ng

RT: 12.24 min Scan# 1599

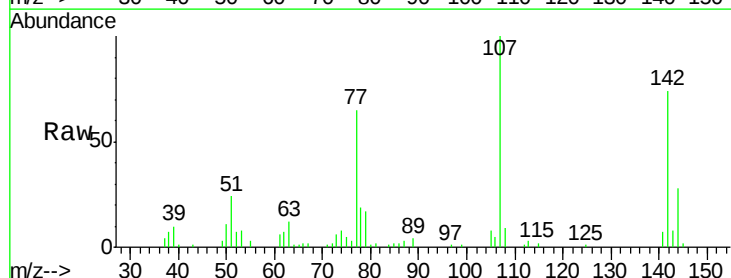
Delta R.T. -0.00 min

Lab File: BG021081.D

Acq: 26 Feb 2016 16:30

Tgt Ion:107 Resp: 23201

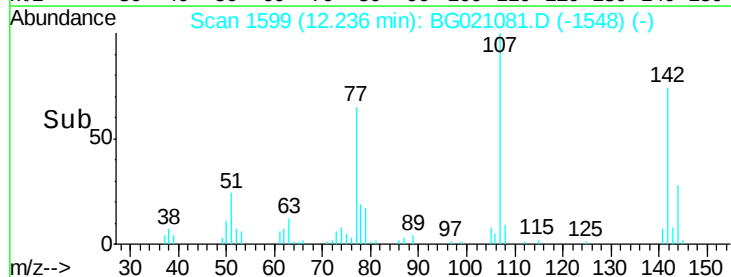
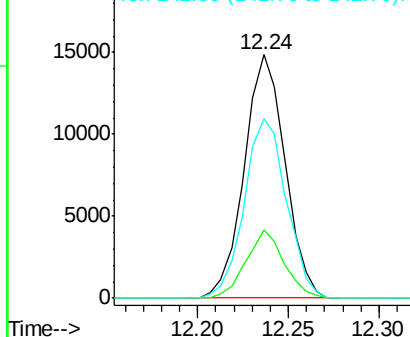
Ion	Ratio	Lower	Upper
107	100		
144	27.8	21.8	32.8
142	74.0	65.6	98.4

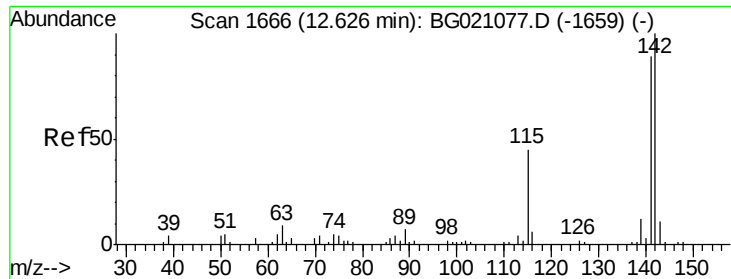


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





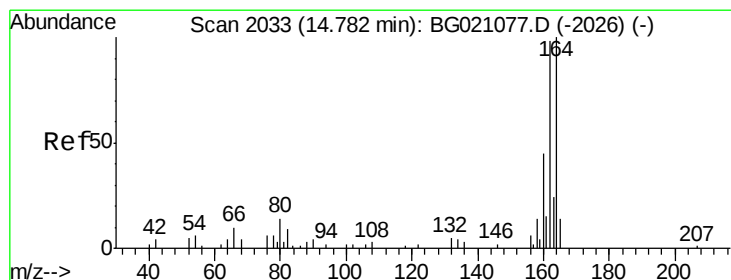
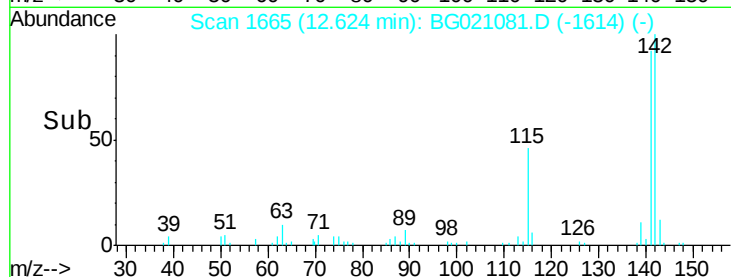
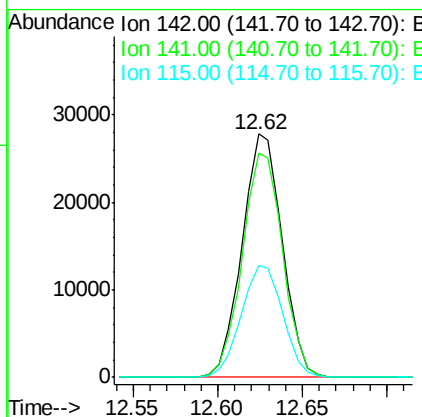
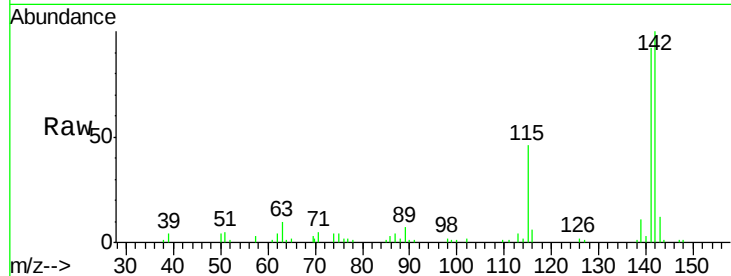
#37
 2-Methylnaphthalene
 Concen: 43.06 ng
 RT: 12.62 min Scan# 1665
 Delta R.T. -0.00 min
 Lab File: BG021081.D
 Acq: 26 Feb 2016 16:30

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG022616

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	45943		
141	92.4	71.7	107.5	
115	46.1	26.2	39.4	

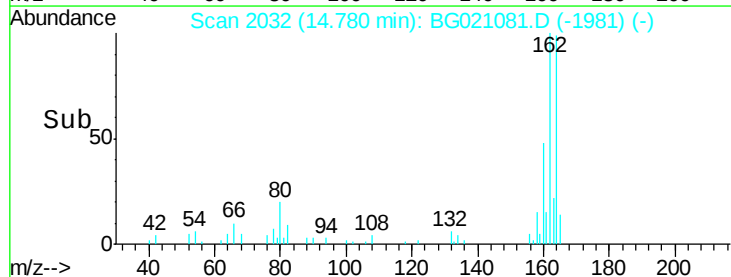
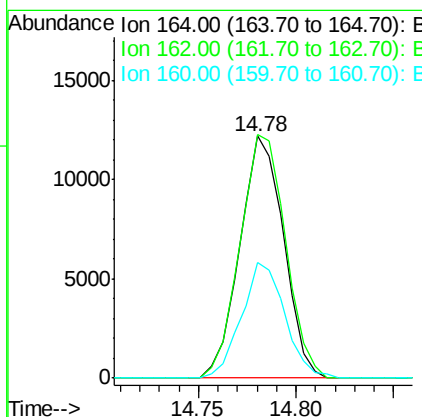
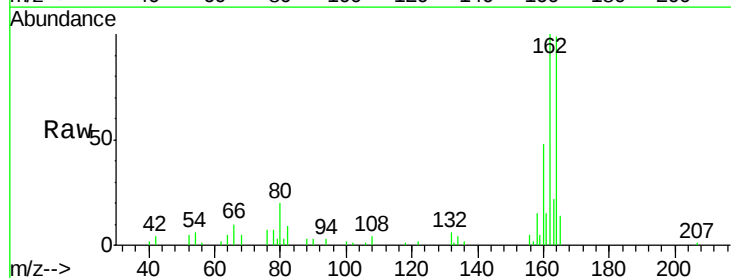
Manual Integrations
 APPROVED

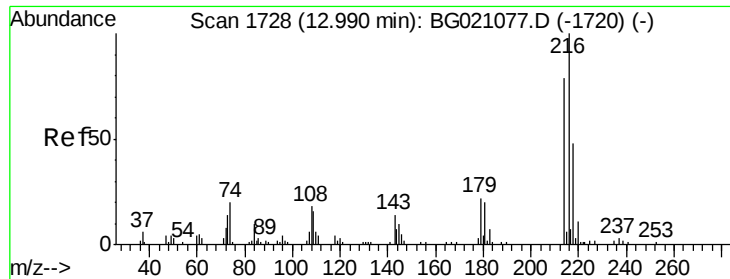
Sohil
 2/29/2016 10:21:37 AM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.78 min Scan# 2032
 Delta R.T. -0.00 min
 Lab File: BG021081.D
 Acq: 26 Feb 2016 16:30

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	18888		
162	100.6	80.6	120.8	
160	48.0	36.5	54.7	





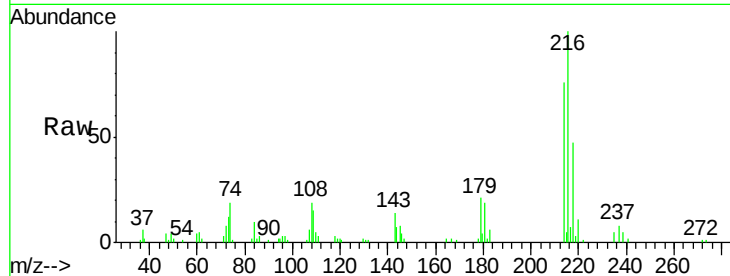
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.89 ng
 RT: 12.99 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: BG021081.D
 Acq: 26 Feb 2016 16:30

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG022616

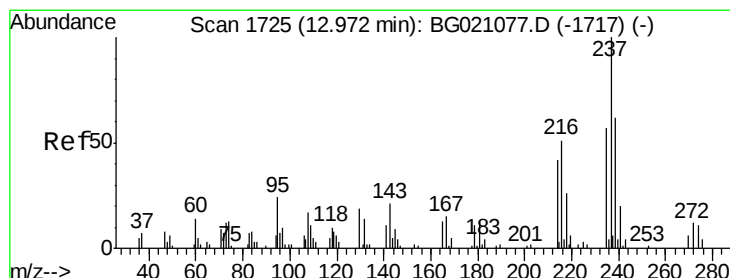
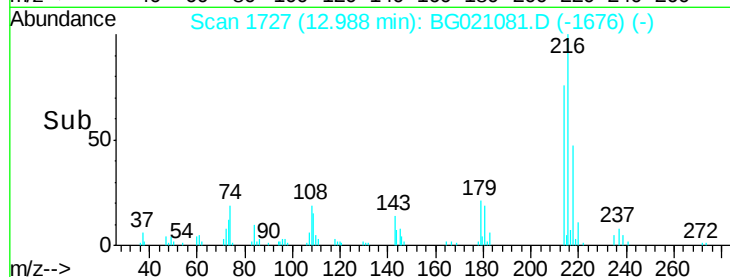
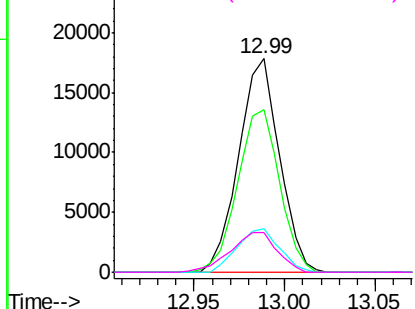
Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.5	95.3
179	21.1	17.4	26.0
108	21.5	16.8	25.2

Manual Integrations
 APPROVED

Sohil
 2/29/2016 10:21:37 AM

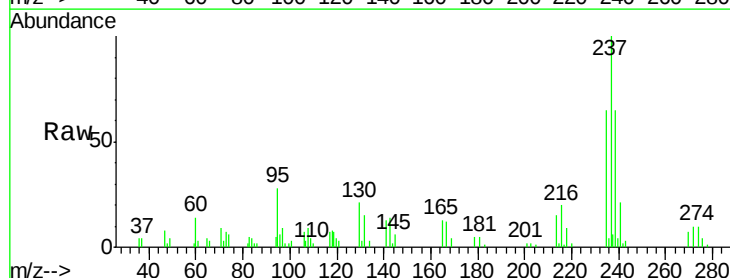


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

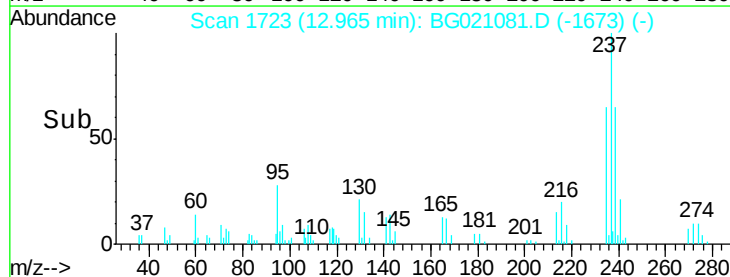
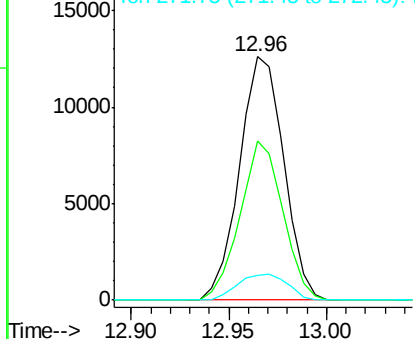


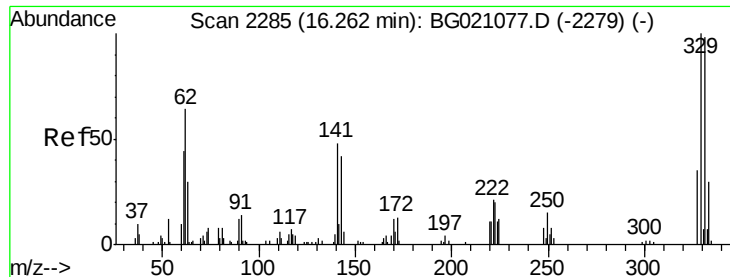
#40
 Hexachlorocyclopentadiene
 Concen: 43.08 ng
 RT: 12.96 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG021081.D
 Acq: 26 Feb 2016 16:30

Tgt Ion	Ratio	Lower	Upper
237	100		
235	65.1	42.9	82.9
272	10.1	0.0	32.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





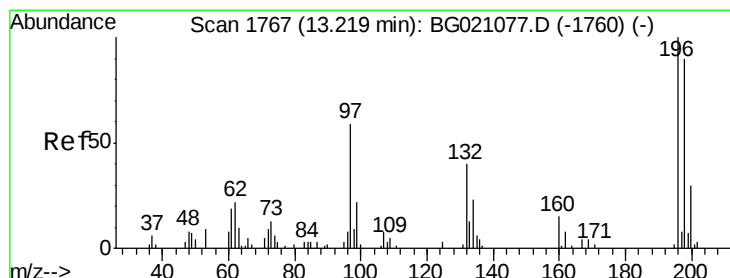
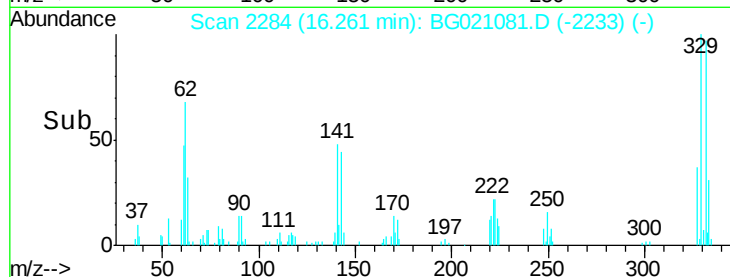
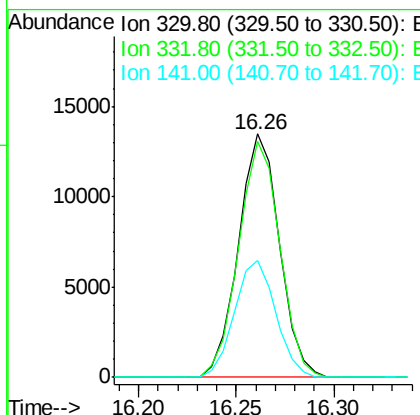
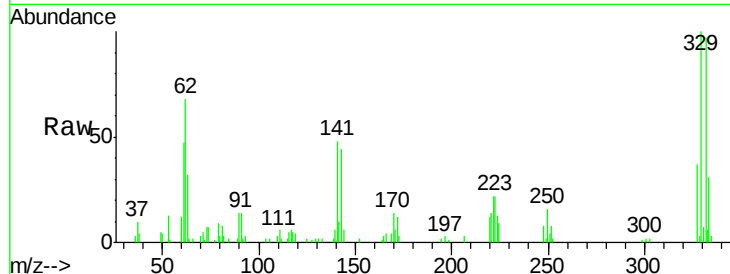
#41
 2,4,6-Tribromophenol
 Concen: 79.01 ng
 RT: 16.26 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: BG021081.D
 Acq: 26 Feb 2016 16:30

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG022616

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	19567		
332	97.2	77.4	116.0	
141	48.2	35.3	52.9	

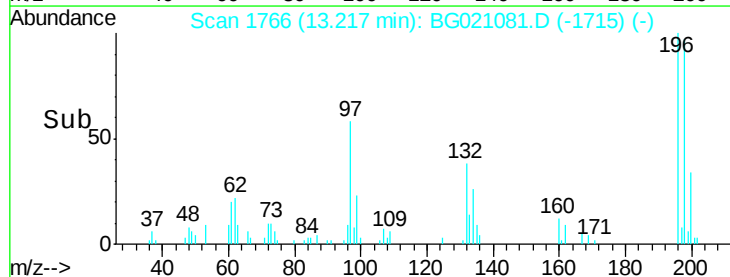
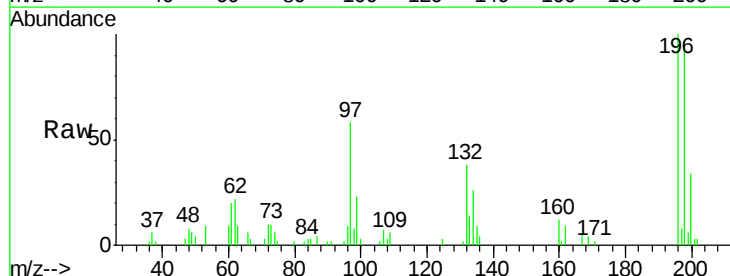
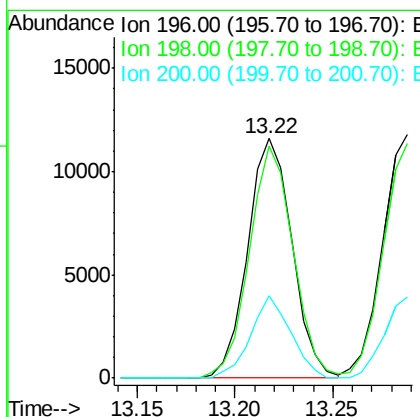
Manual Integrations
 APPROVED

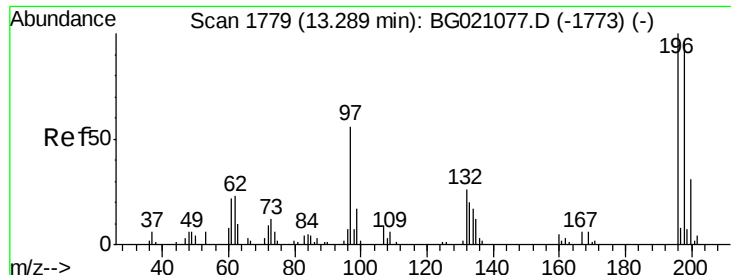
Sohil
 2/29/2016 10:21:37 AM



#42
 2,4,6-Trichlorophenol
 Concen: 41.75 ng
 RT: 13.22 min Scan# 1766
 Delta R.T. -0.00 min
 Lab File: BG021081.D
 Acq: 26 Feb 2016 16:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	18275		
198	97.2	75.8	113.8	
200	34.4	23.8	35.8	





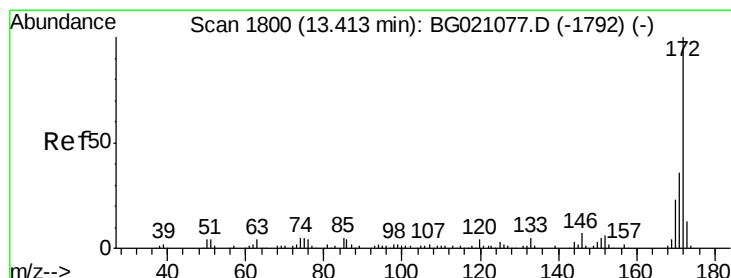
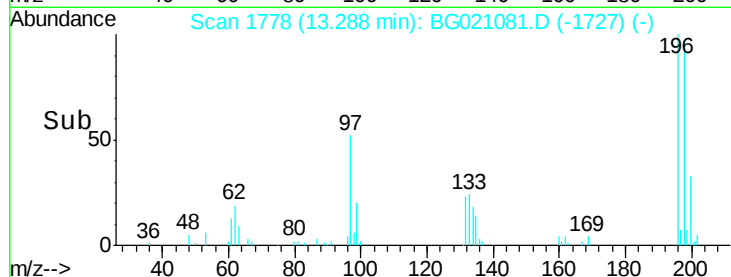
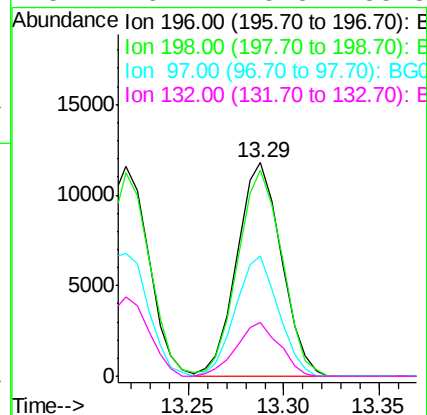
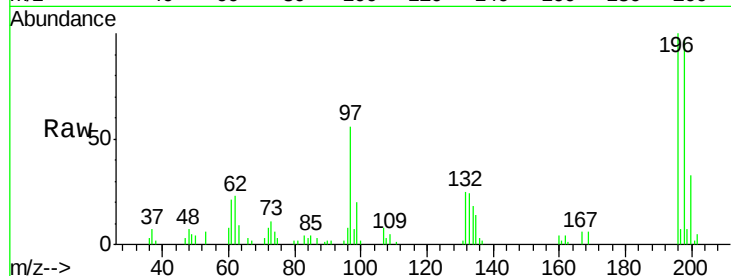
#43
 2,4,5-Trichlorophenol
 Concen: 42.66 ng m
 RT: 13.29 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BG021081.D
 Acq: 26 Feb 2016 16:30

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG022616

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	19183		
198	96.6	80.2	120.4	
97	56.2	42.9	64.3	
132	25.1	25.5	38.3	

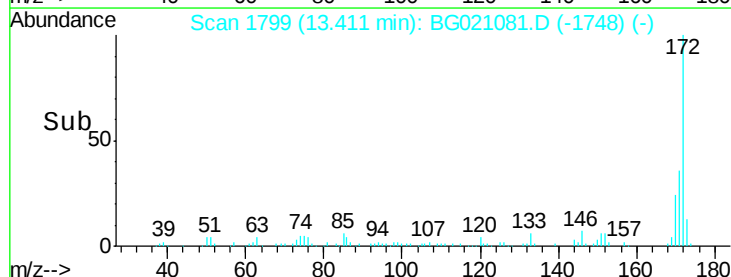
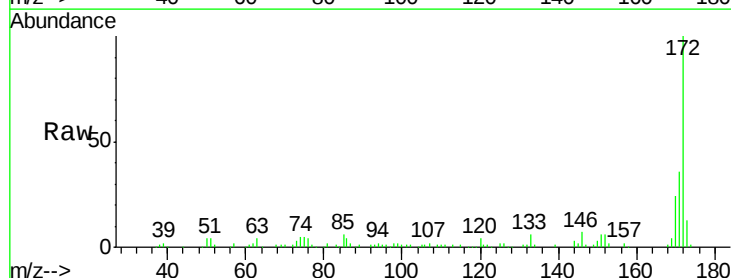
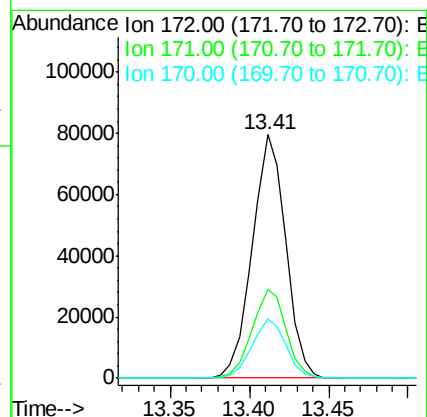
Manual Integrations
 APPROVED

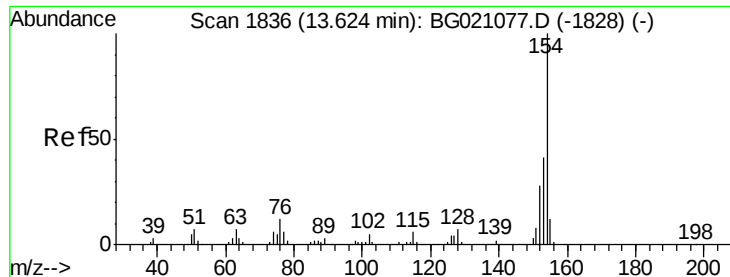
Sohil
 2/29/2016 10:21:37 AM



#44
 2-Fluorobiphenyl
 Concen: 79.01 ng
 RT: 13.41 min Scan# 1799
 Delta R.T. -0.00 min
 Lab File: BG021081.D
 Acq: 26 Feb 2016 16:30

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	116616		
171	36.4	29.4	44.0	
170	24.2	19.8	29.8	





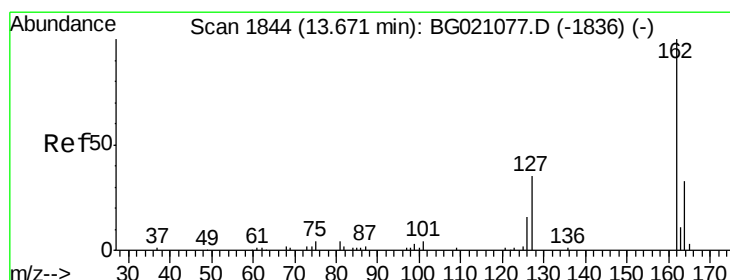
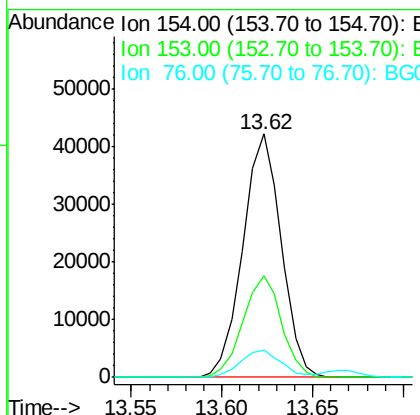
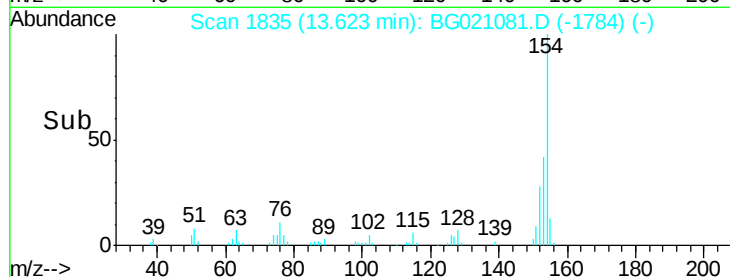
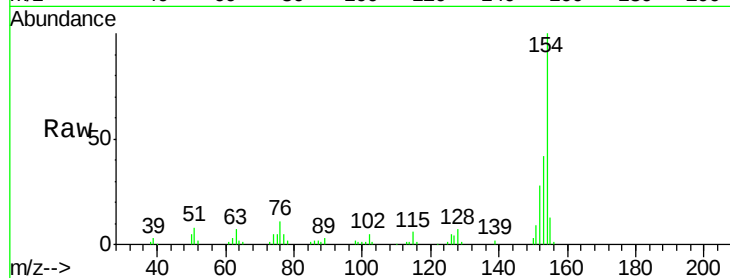
#45
 1,1'-Biphenyl
 Concen: 38.88 ng
 RT: 13.62 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: BG021081.D
 Acq: 26 Feb 2016 16:30

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG022616

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	19.8	59.8
76	11.3	0.0	33.6

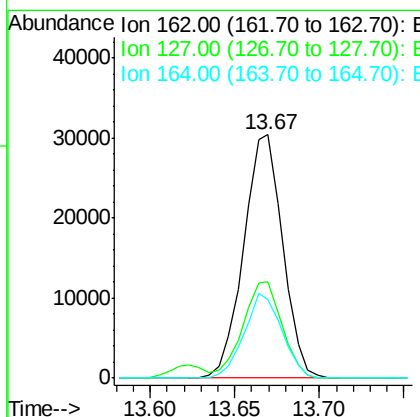
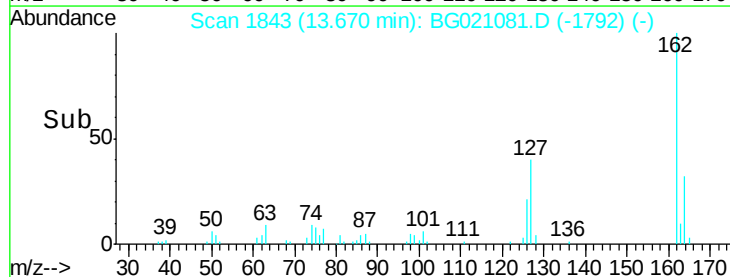
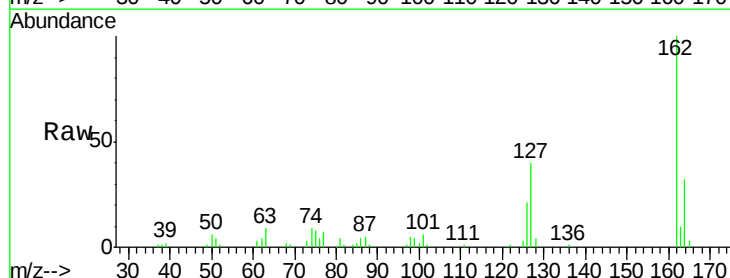
Manual Integrations
 APPROVED

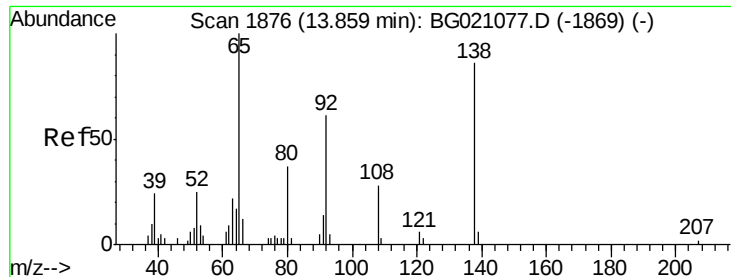
Sohil
 2/29/2016 10:21:37 AM



#46
 2-Chloronaphthalene
 Concen: 40.55 ng
 RT: 13.67 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: BG021081.D
 Acq: 26 Feb 2016 16:30

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.6	31.8	47.8
164	32.4	26.3	39.5





#47

2-Nitroaniline

Concen: 43.09 ng

RT: 13.86 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BG021081.D

Acq: 26 Feb 2016 16:30

Instrument :

BNA_G

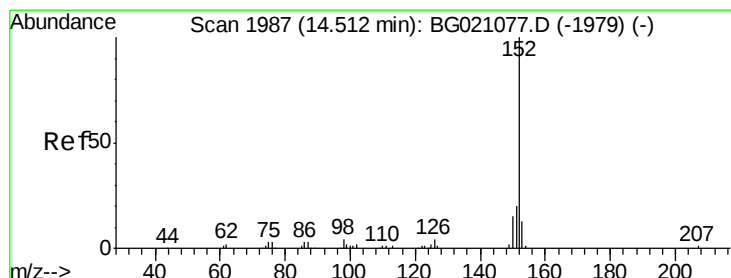
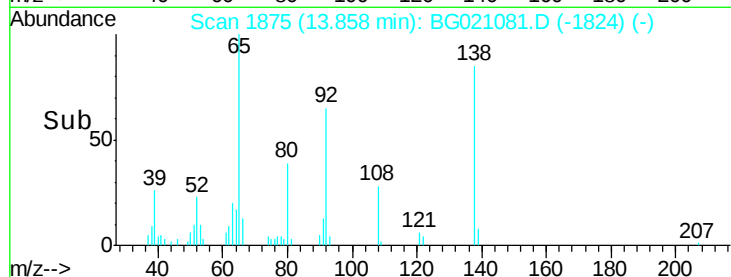
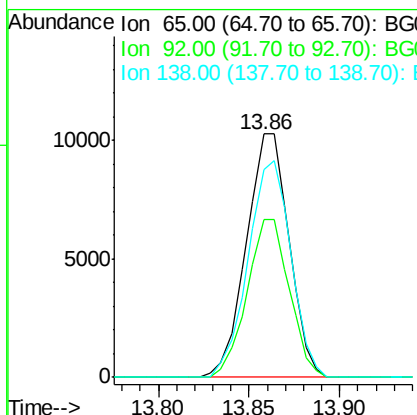
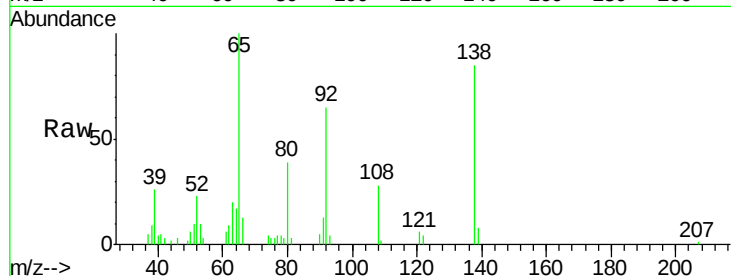
ClientSampleId :

ICVBG022616

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	16850		
92	65.0	54.6	82.0	
138	85.1	94.9	142.3	

Manual Integrations
APPROVED

Sohil
2/29/2016 10:21:37 AM



#48

Acenaphthylene

Concen: 40.17 ng

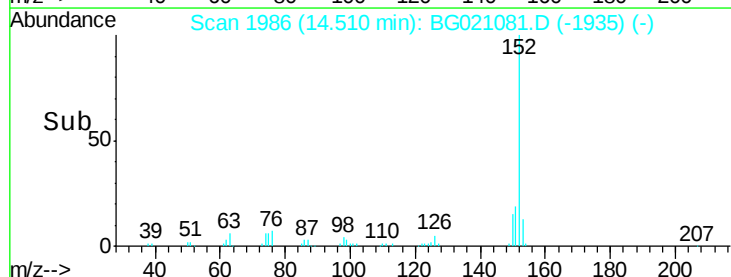
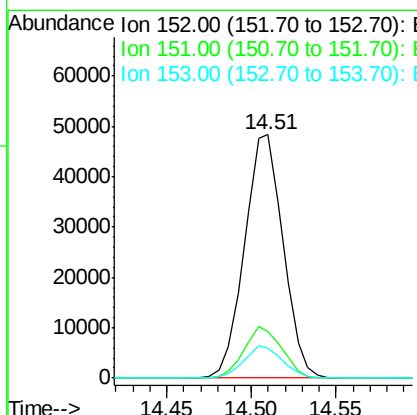
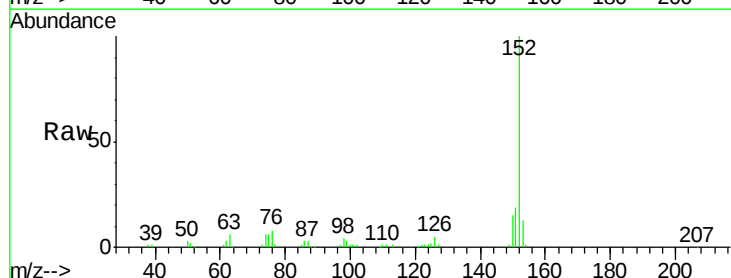
RT: 14.51 min Scan# 1986

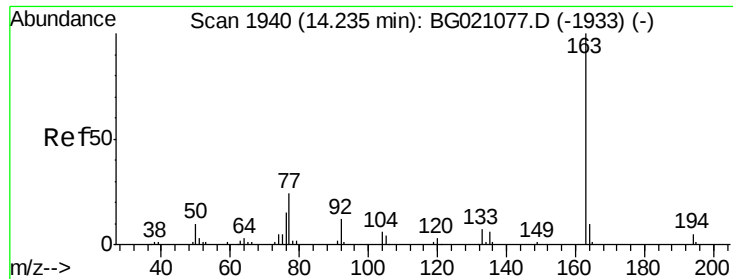
Delta R.T. -0.00 min

Lab File: BG021081.D

Acq: 26 Feb 2016 16:30

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	76705		
151	18.9	15.9	23.9	
153	12.5	10.2	15.2	





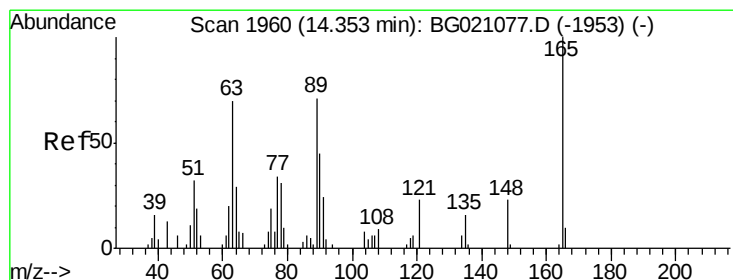
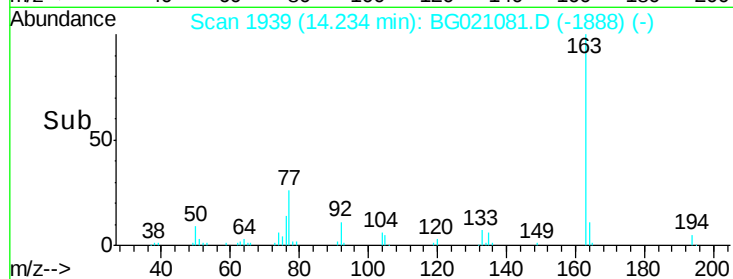
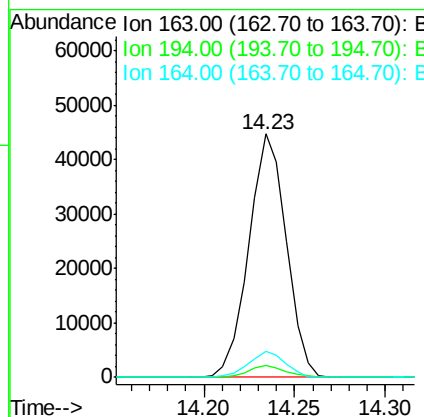
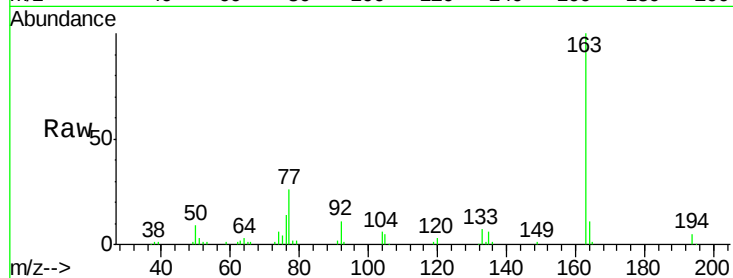
#49
Dimethylphthalate
Concen: 39.37 ng
RT: 14.23 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BG021081.D
Acq: 26 Feb 2016 16:30

Instrument :
BNA_G
ClientSampleId :
ICVBG022616

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.8	2.8	4.2#
164	10.9	7.9	11.9

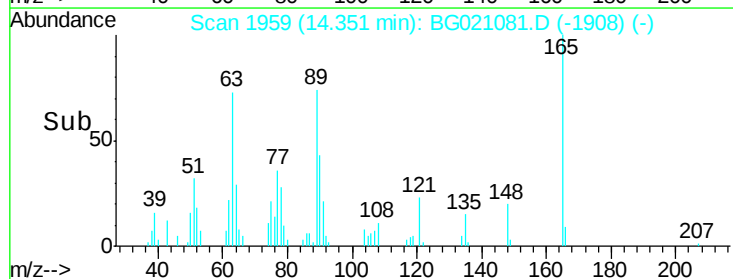
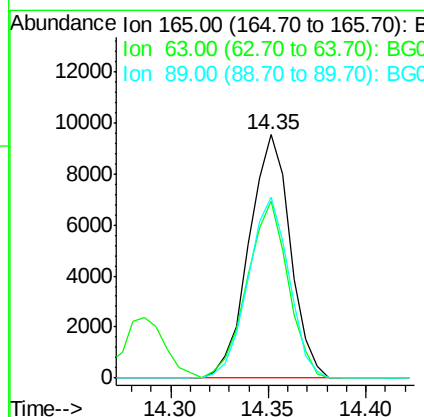
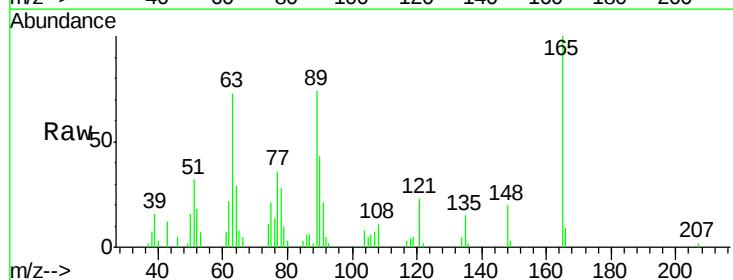
Manual Integrations
APPROVED

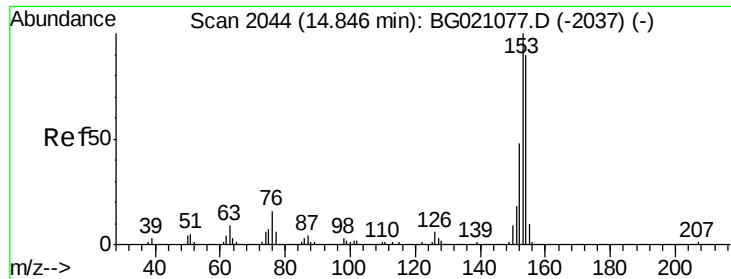
Sohil
2/29/2016 10:21:37 AM



#50
2,6-Dinitrotoluene
Concen: 41.61 ng
RT: 14.35 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BG021081.D
Acq: 26 Feb 2016 16:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	72.6	42.1	63.1#
89	74.1	46.1	69.1#





#51

Acenaphthene

Concen: 40.40 ng

RT: 14.84 min Scan# 2043

Delta R.T. -0.00 min

Lab File: BG021081.D

Acq: 26 Feb 2016 16:30

Instrument :

BNA_G

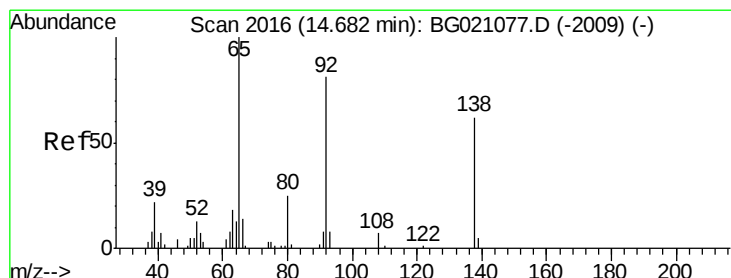
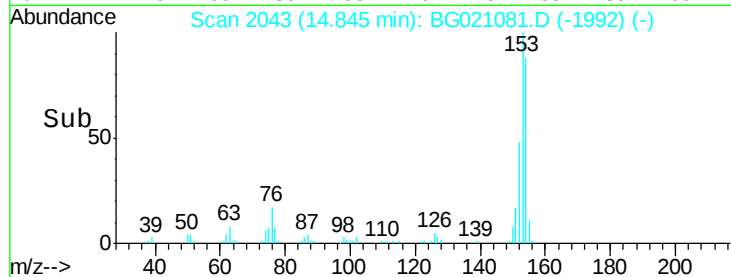
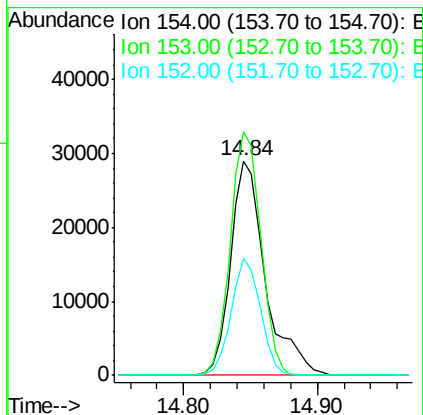
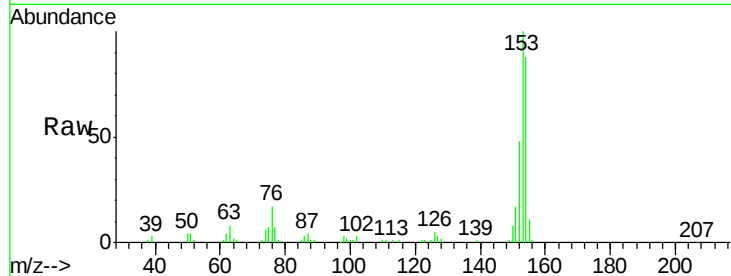
ClientSampleId :

ICVBG022616

Tgt Ion:	154	Resp:	52616
Ion Ratio	Lower	Upper	
154	100		
153	113.6	94.2	141.2
152	54.5	42.9	64.3

Manual Integrations
APPROVED

Sohil
2/29/2016 10:21:37 AM



#52

3-Nitroaniline

Concen: 43.07 ng

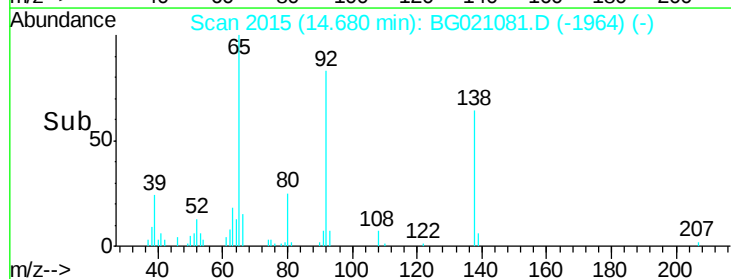
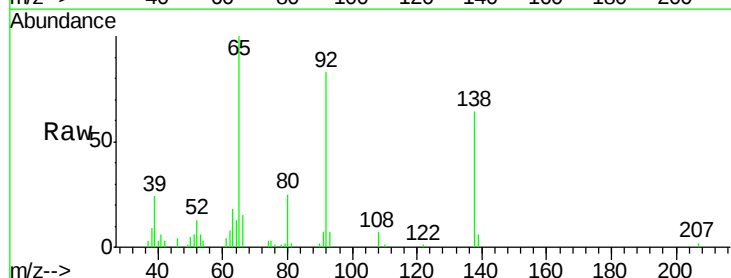
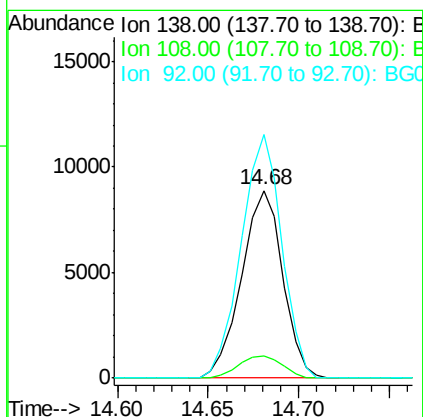
RT: 14.68 min Scan# 2015

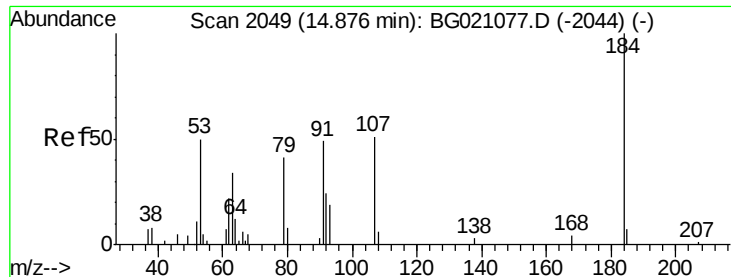
Delta R.T. -0.00 min

Lab File: BG021081.D

Acq: 26 Feb 2016 16:30

Tgt Ion:	138	Resp:	14034
Ion Ratio	Lower	Upper	
138	100		
108	11.5	5.8	8.6#
92	129.7	83.6	125.4#





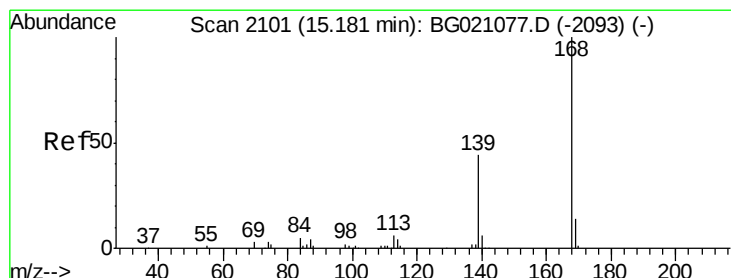
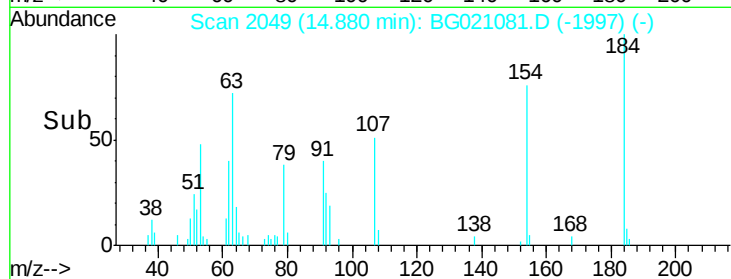
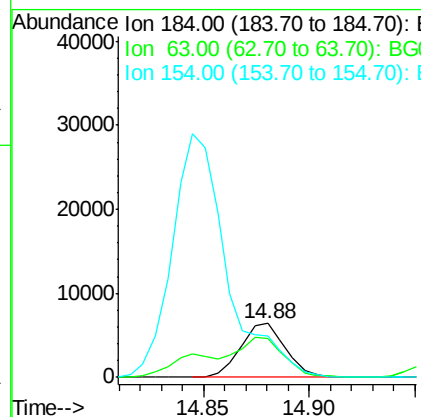
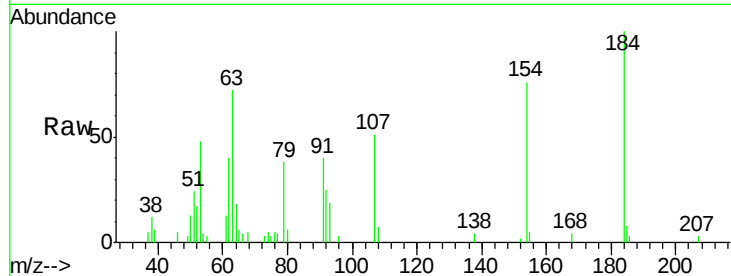
#53
 2,4-Dinitrophenol
 Concen: 40.42 ng
 RT: 14.88 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: BG021081.D
 Acq: 26 Feb 2016 16:30

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG022616

Tgt Ion:	184	Resp:	9439
Ion Ratio	Lower	Upper	
184	100		
63	71.6	57.0	85.6
154	76.4	51.3	76.9

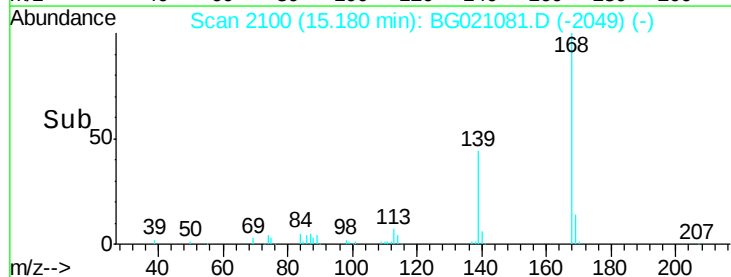
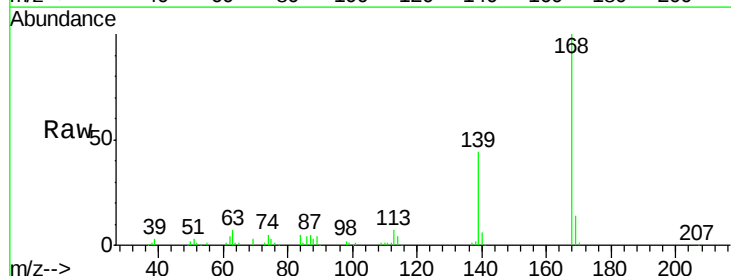
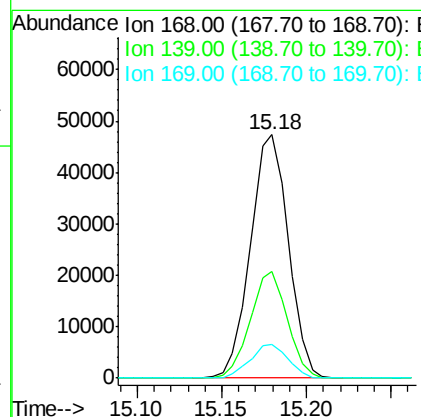
Manual Integrations
 APPROVED

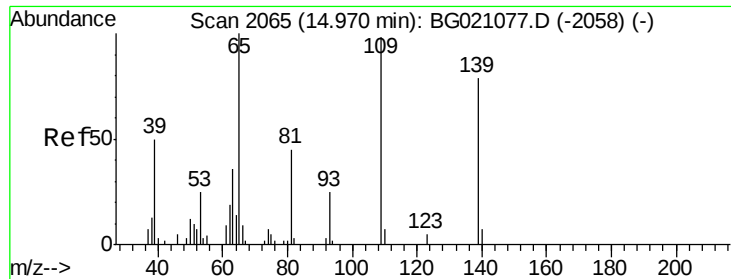
Sohil
 2/29/2016 10:21:37 AM



#54
 Dibenzofuran
 Concen: 44.65 ng
 RT: 15.18 min Scan# 2100
 Delta R.T. -0.00 min
 Lab File: BG021081.D
 Acq: 26 Feb 2016 16:30

Tgt Ion:	168	Resp:	73661
Ion Ratio	Lower	Upper	
168	100		
139	43.6	29.8	44.8
169	13.9	11.4	17.2





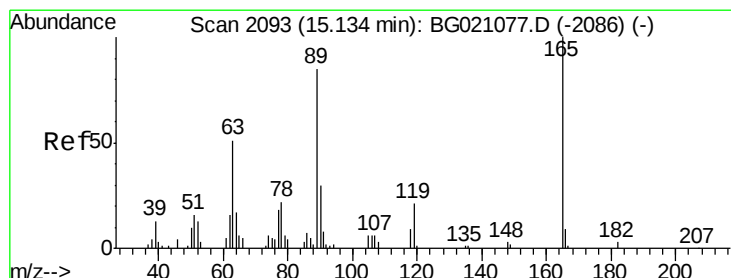
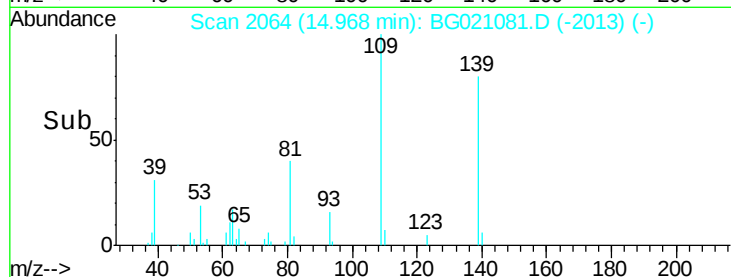
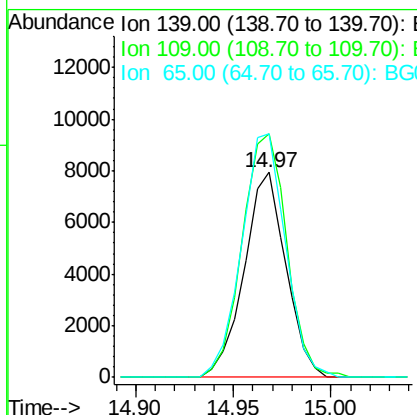
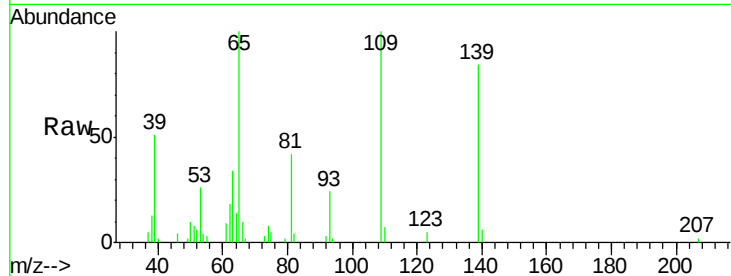
#55
4-Nitrophenol
Concen: 40.65 ng
RT: 14.97 min Scan# 2064
Delta R.T. -0.00 min
Lab File: BG021081.D
Acq: 26 Feb 2016 16:30

Instrument :
BNA_G
ClientSampleId :
ICVBG022616

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	11750		
109	119.0	54.1	94.1#	
65	118.9	73.4	113.4#	

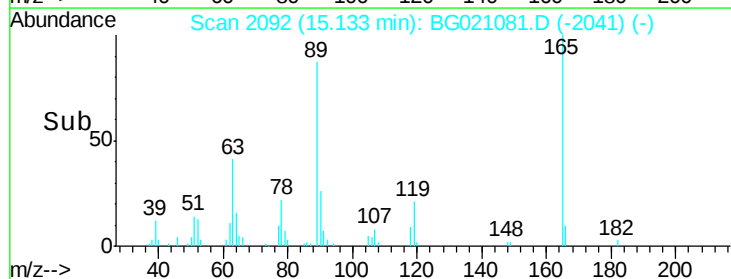
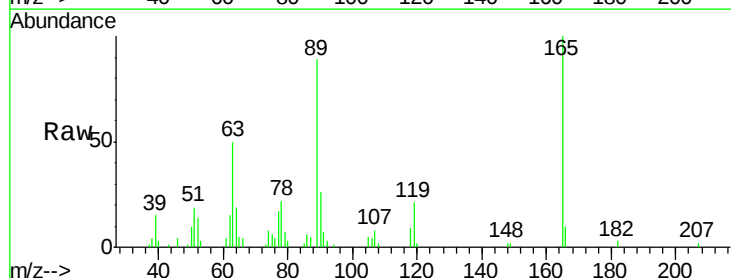
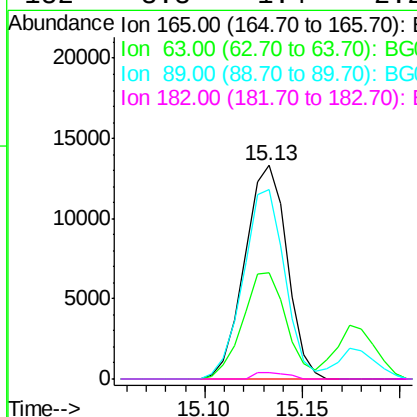
Manual Integrations
APPROVED

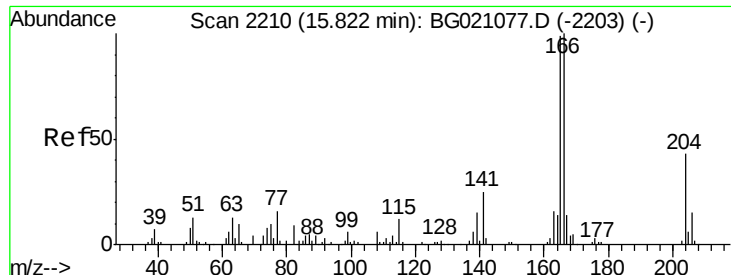
Sohil
2/29/2016 10:21:37 AM



#56
2,4-Dinitrotoluene
Concen: 41.57 ng
RT: 15.13 min Scan# 2092
Delta R.T. -0.00 min
Lab File: BG021081.D
Acq: 26 Feb 2016 16:30

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	19965		
63	49.5	34.1	51.1	
89	88.9	63.0	94.4	
182	3.3	1.4	2.2#	





#57

Fluorene

Concen: 39.28 ng

RT: 15.83 min Scan# 2210

Delta R.T. 0.00 min

Lab File: BG021081.D

Acq: 26 Feb 2016 16:30

Instrument :

BNA_G

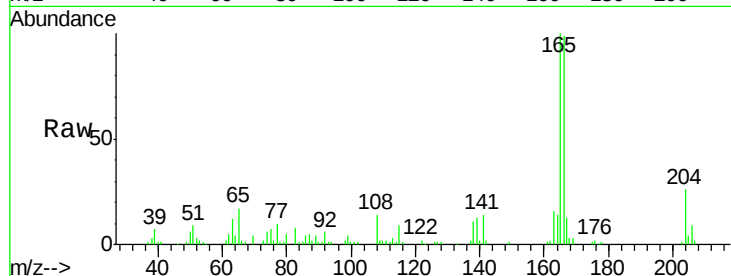
ClientSampleId :

ICVBG022616

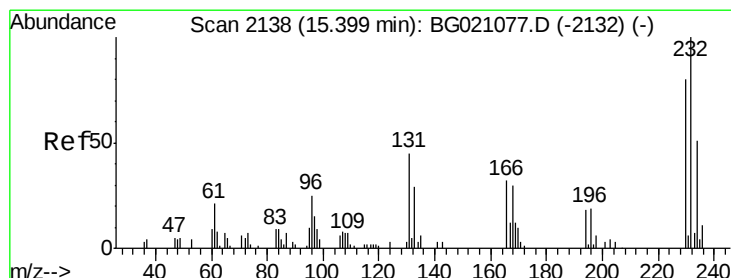
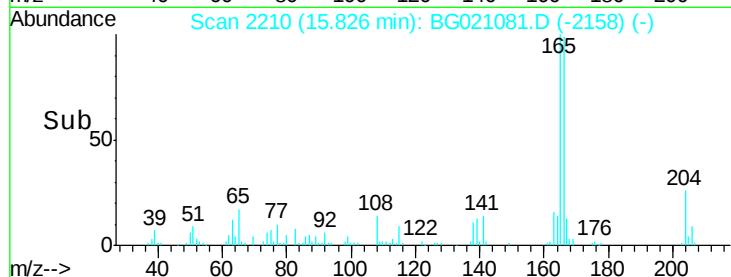
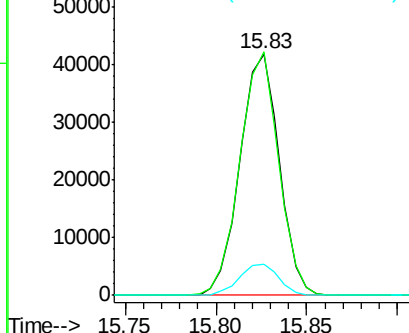
Tgt Ion:	166	Resp:	63053
Ion Ratio	Lower	Upper	
166	100		
165	100.7	81.3	121.9
167	13.0	10.6	16.0

Manual Integrations
APPROVED

Sohil
2/29/2016 10:21:37 AM



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: 45.38 ng

RT: 15.40 min Scan# 2137

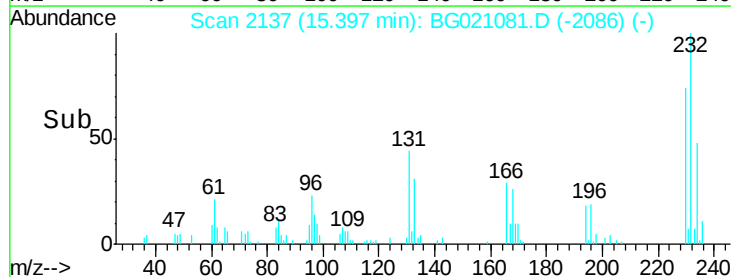
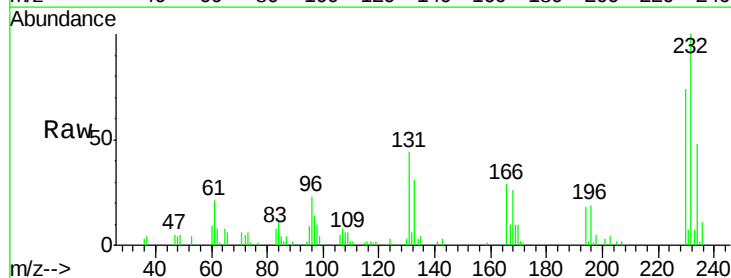
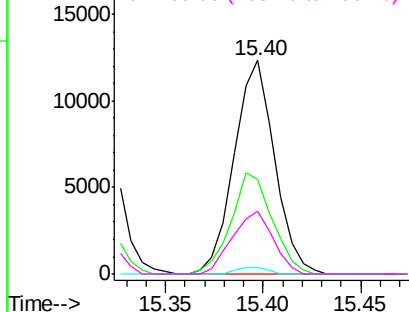
Delta R.T. -0.00 min

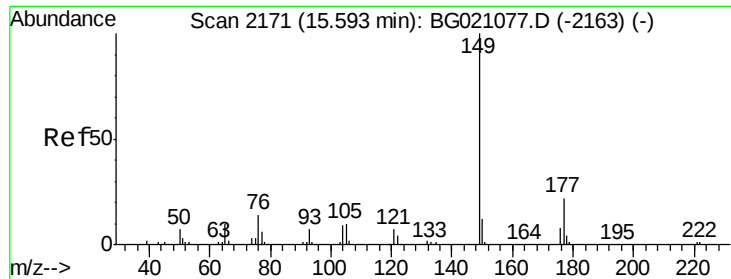
Lab File: BG021081.D

Acq: 26 Feb 2016 16:30

Tgt Ion:	232	Resp:	17739
Ion Ratio	Lower	Upper	
232	100		
131	48.1	41.4	62.2
130	2.4	1.8	2.8
166	29.4	26.6	39.8

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





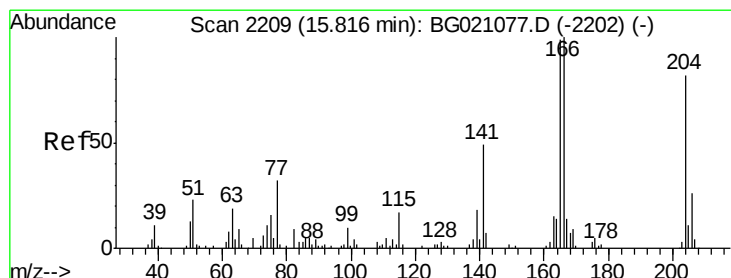
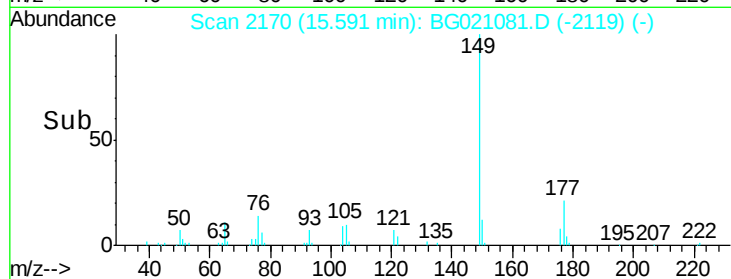
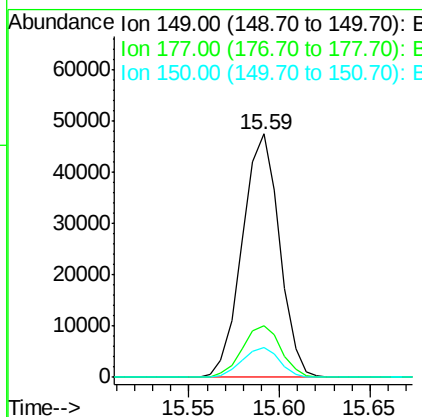
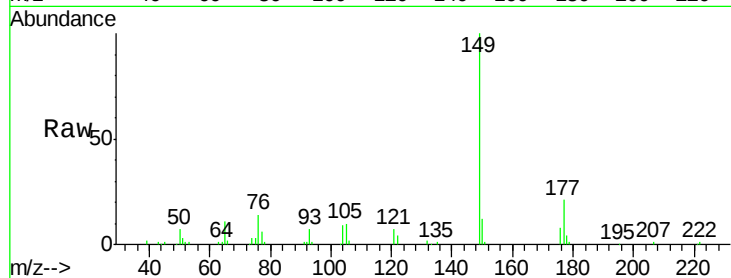
#59
Diethylphthalate
Concen: 39.49 ng
RT: 15.59 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BG021081.D
Acq: 26 Feb 2016 16:30

Instrument :
BNA_G
ClientSampleId :
ICVBG022616

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.3	15.8	23.8
150	12.2	10.1	15.1

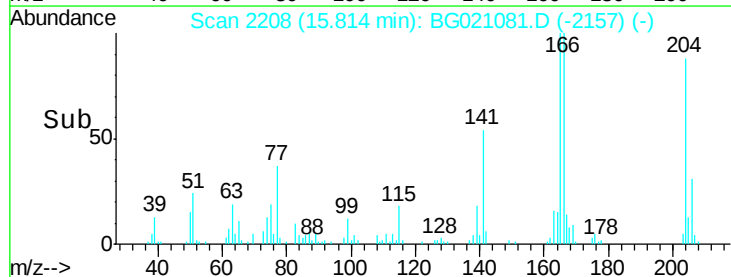
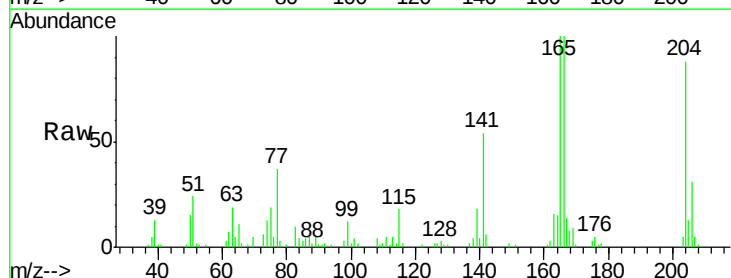
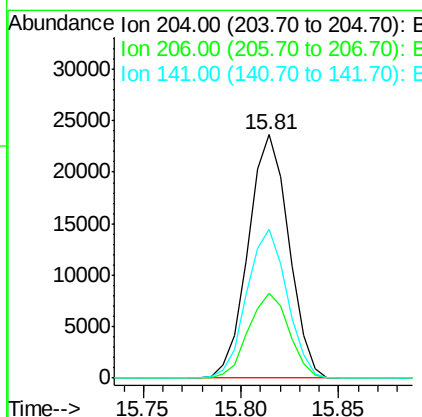
Manual Integrations
APPROVED

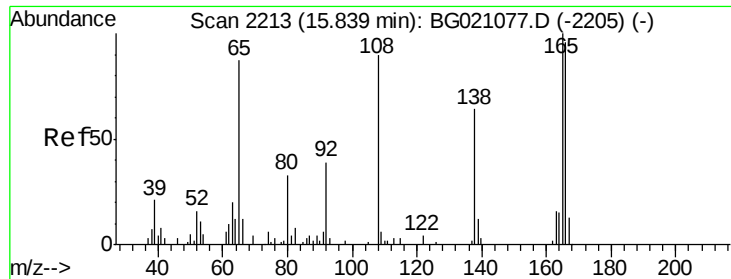
Sohil
2/29/2016 10:21:37 AM



#60
4-Chlorophenyl-phenylether
Concen: 38.49 ng
RT: 15.81 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BG021081.D
Acq: 26 Feb 2016 16:30

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.8	26.9	40.3
141	61.2	50.8	76.2





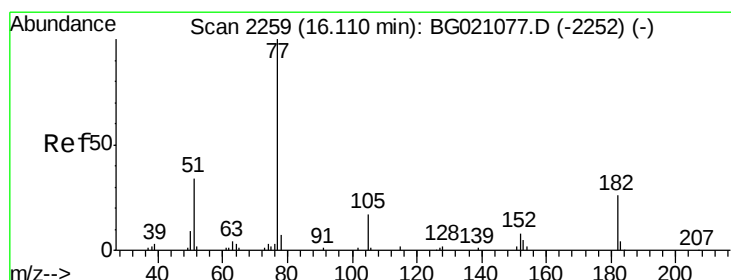
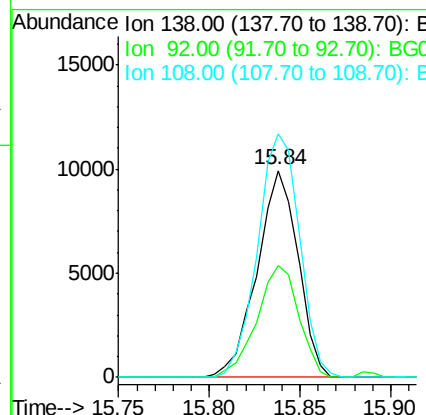
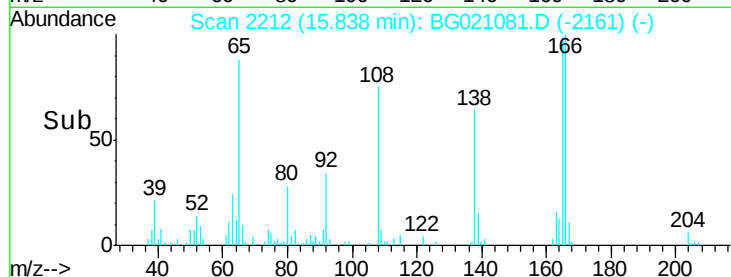
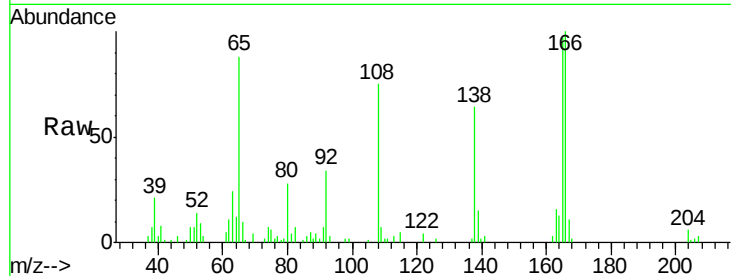
#61
4-Nitroaniline
Concen: 42.05 ng
RT: 15.84 min Scan# 2212
Delta R.T. -0.00 min
Lab File: BG021081.D
Acq: 26 Feb 2016 16:30

Instrument :
BNA_G
ClientSampleId :
ICVBG022616

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	15603		
92	53.8	28.0	68.0	
108	117.6	52.6	92.6#	

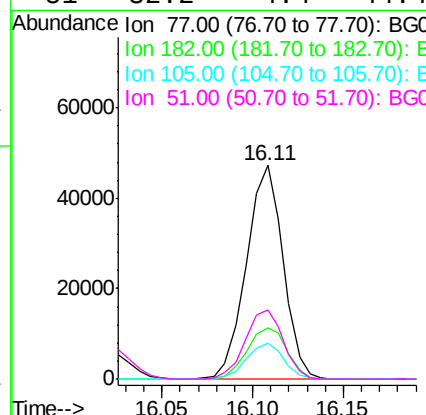
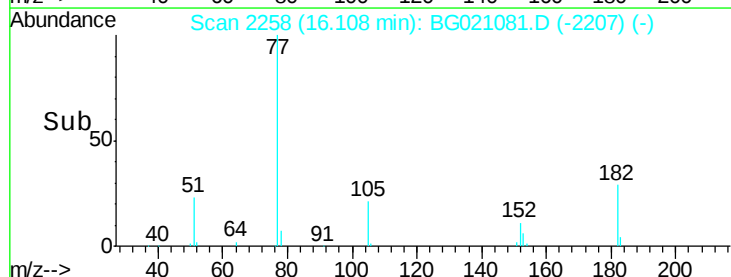
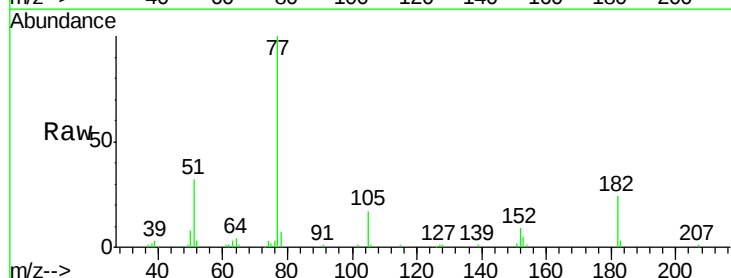
Manual Integrations
APPROVED

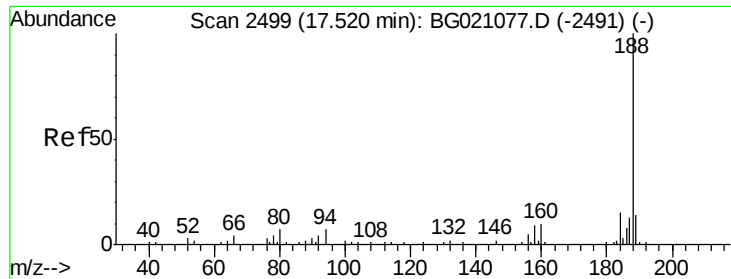
Sohil
2/29/2016 10:21:37 AM



#62
Azobenzene
Concen: 44.44 ng
RT: 16.11 min Scan# 2258
Delta R.T. -0.00 min
Lab File: BG021081.D
Acq: 26 Feb 2016 16:30

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	66062		
182	23.8	0.7	40.7	
105	16.8	0.0	38.3	
51	32.2	4.4	44.4	





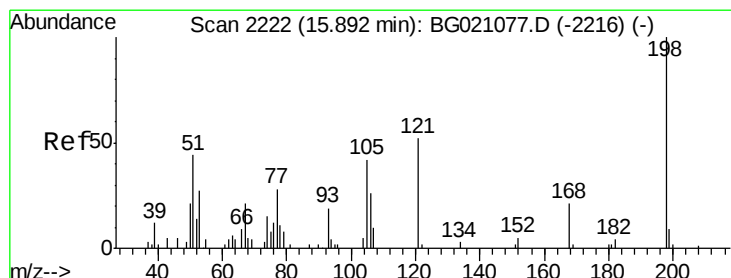
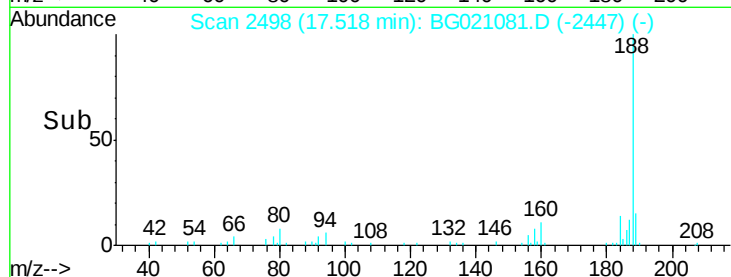
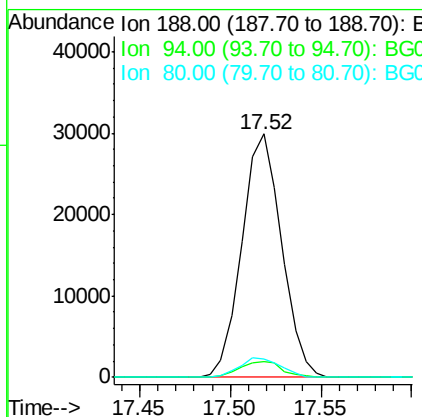
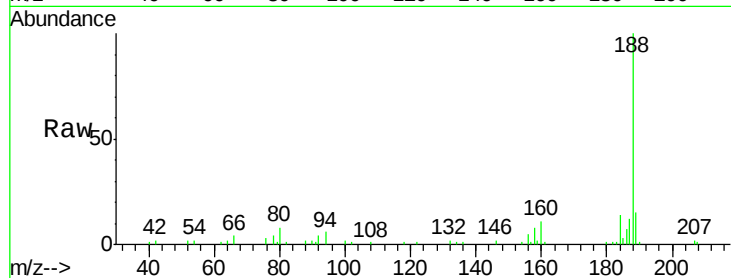
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.52 min Scan# 2498
 Delta R.T. -0.00 min
 Lab File: BG021081.D
 Acq: 26 Feb 2016 16:30

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG022616

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	45511		
94	6.5	8.2	12.4#	
80	7.7	9.2	13.8#	

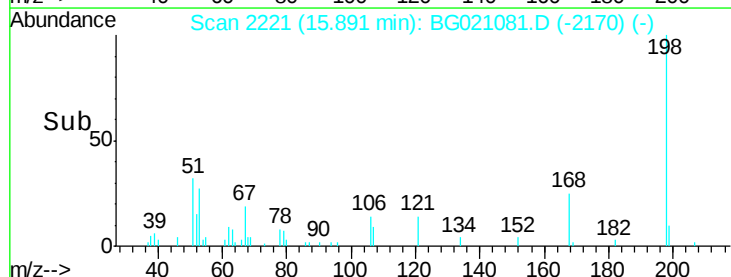
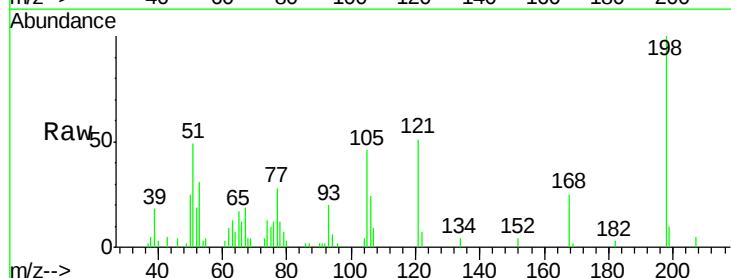
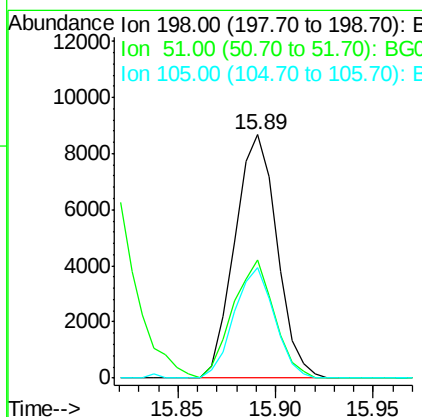
Manual Integrations
 APPROVED

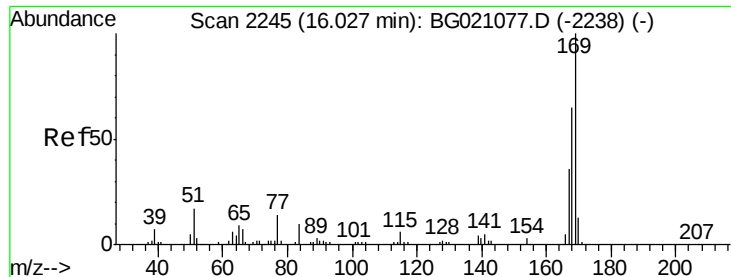
Sohil
 2/29/2016 10:21:37 AM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 39.02 ng
 RT: 15.89 min Scan# 2221
 Delta R.T. -0.00 min
 Lab File: BG021081.D
 Acq: 26 Feb 2016 16:30

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	13027		
51	48.7	30.4	70.4	
105	45.5	32.8	72.8	





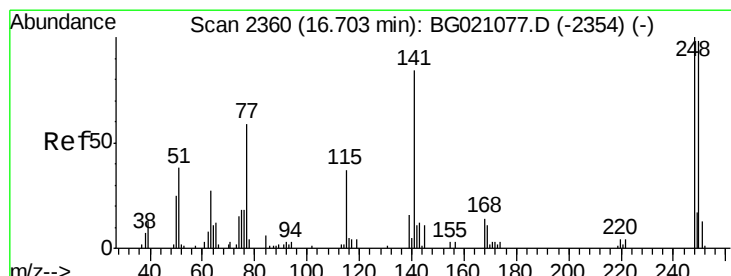
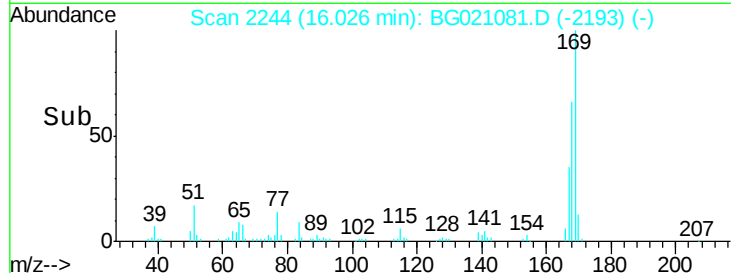
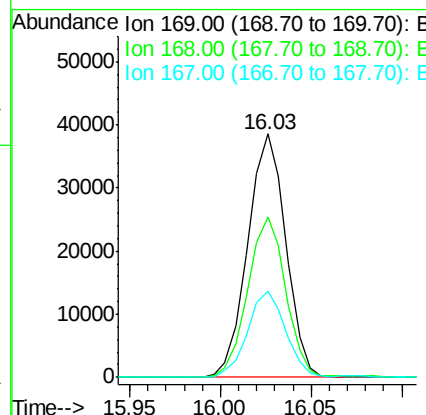
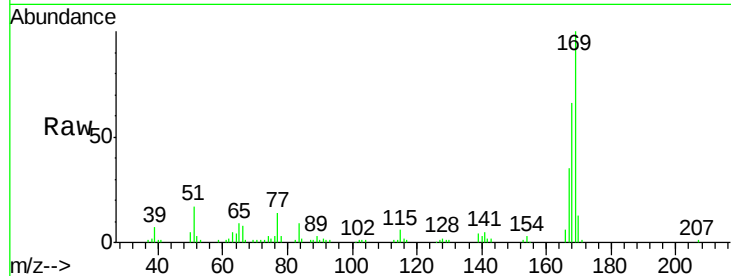
#65
 n-Nitrosodiphenylamine
 Concen: 41.80 ng
 RT: 16.03 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: BG021081.D
 Acq: 26 Feb 2016 16:30

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG022616

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.0	58.2	87.2
167	35.5	31.0	46.6

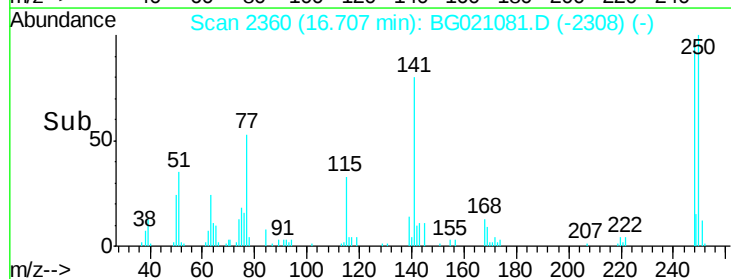
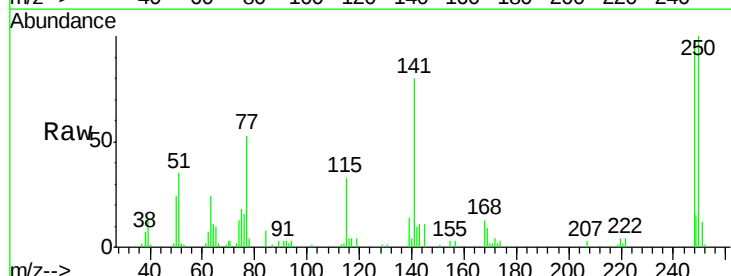
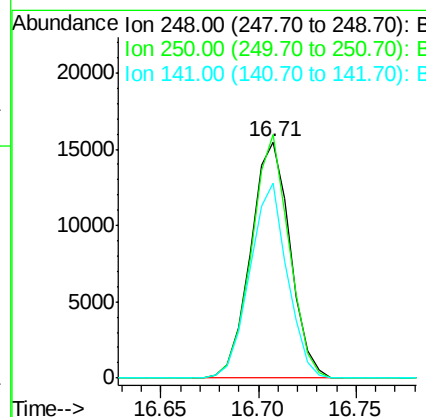
Manual Integrations
 APPROVED

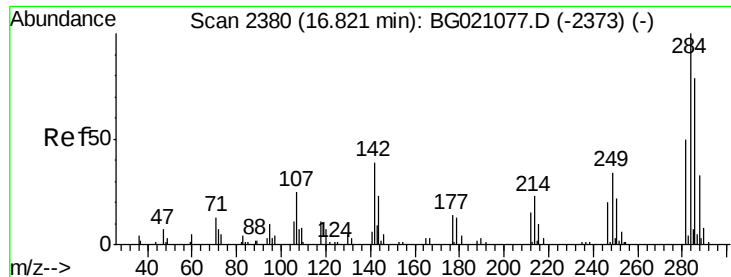
Sohil
 2/29/2016 10:21:37 AM



#66
 4-Bromophenyl-phenylether
 Concen: 40.29 ng
 RT: 16.71 min Scan# 2360
 Delta R.T. 0.00 min
 Lab File: BG021081.D
 Acq: 26 Feb 2016 16:30

Tgt Ion	Ratio	Lower	Upper
248	100		
250	103.1	76.4	114.6
141	82.8	57.4	86.0





#67

Hexachlorobenzene

Concen: 40.04 ng

RT: 16.82 min Scan# 2379

Delta R.T. -0.00 min

Lab File: BG021081.D

Acq: 26 Feb 2016 16:30

Instrument :

BNA_G

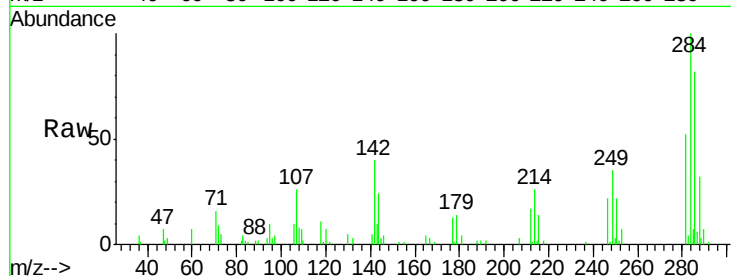
ClientSampleId :

ICVBG022616

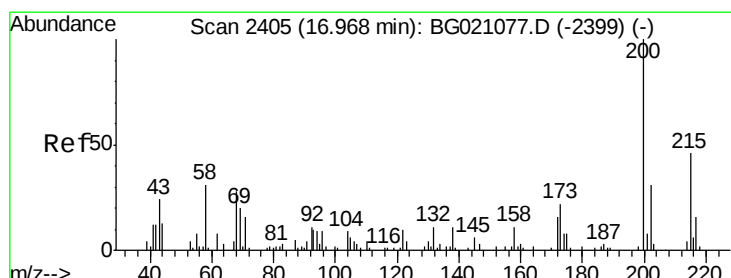
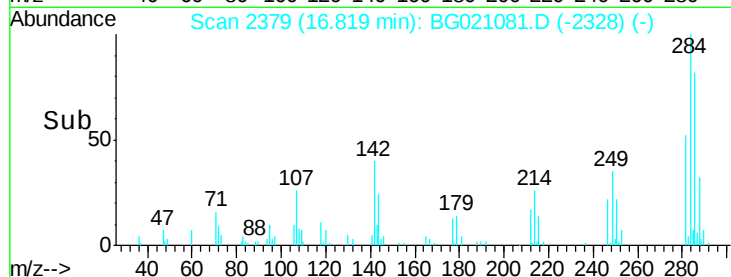
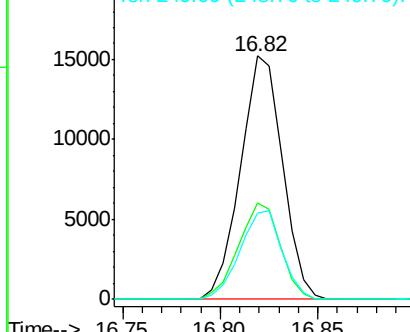
Tgt Ion:	284	Resp:	22636
Ion Ratio	Lower	Upper	
284	100		
142	39.5	32.1	48.1
249	37.9	24.0	36.0

Manual Integrations
APPROVED

Sohil
2/29/2016 10:21:37 AM



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



#68

Atrazine

Concen: 37.37 ng

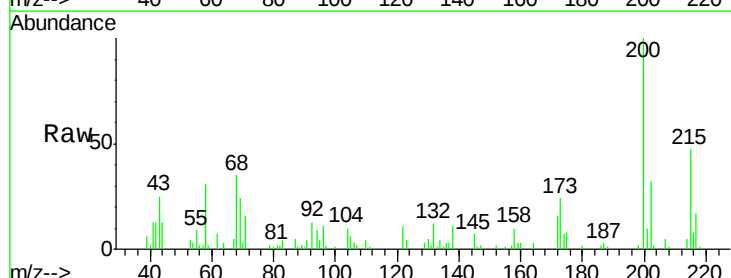
RT: 16.97 min Scan# 2404

Delta R.T. -0.00 min

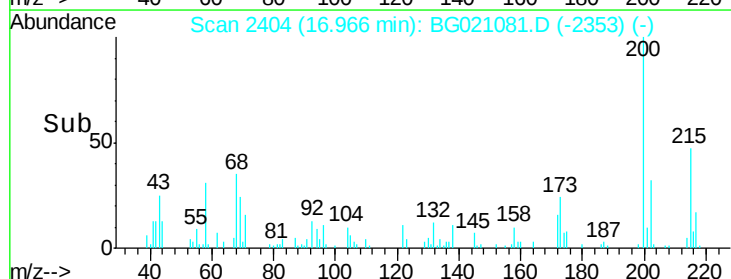
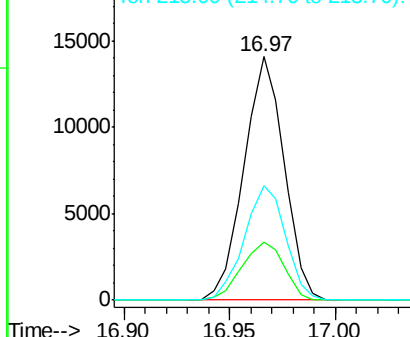
Lab File: BG021081.D

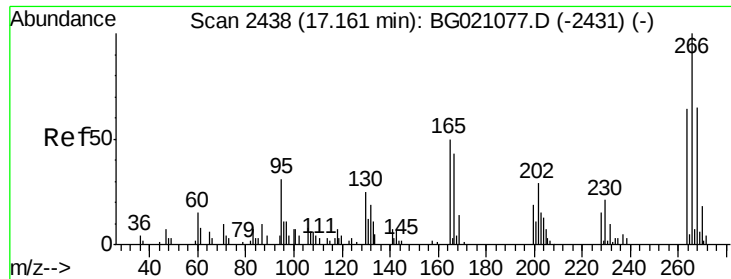
Acq: 26 Feb 2016 16:30

Tgt Ion:	200	Resp:	18591
Ion Ratio	Lower	Upper	
200	100		
173	24.0	3.9	43.9
215	47.0	29.0	69.0



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





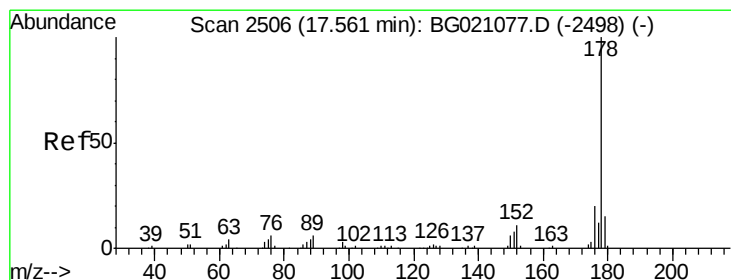
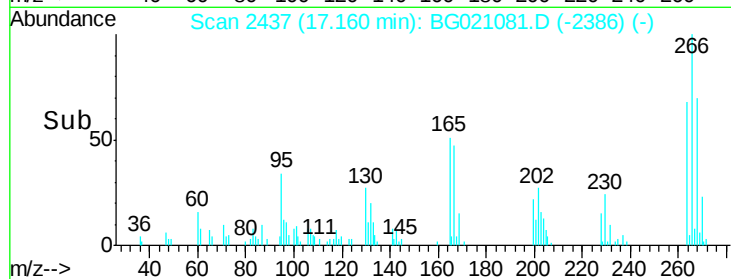
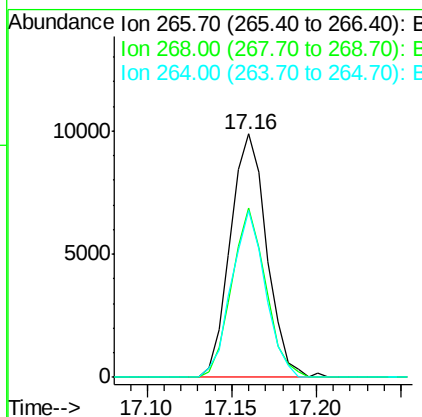
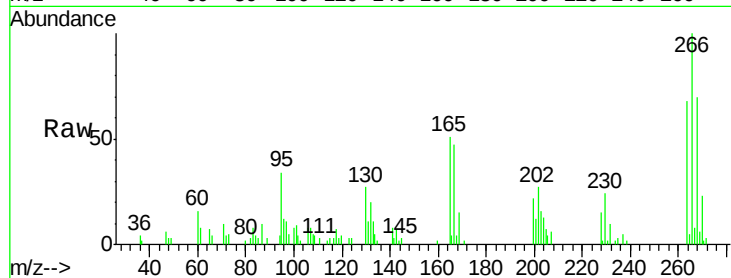
#69
 Pentachlorophenol
 Concen: 38.76 ng
 RT: 17.16 min Scan# 2437
 Delta R.T. -0.00 min
 Lab File: BG021081.D
 Acq: 26 Feb 2016 16:30

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG022616

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	14793		
268	75.9	51.0	76.6	
264	74.0	47.8	71.8#	

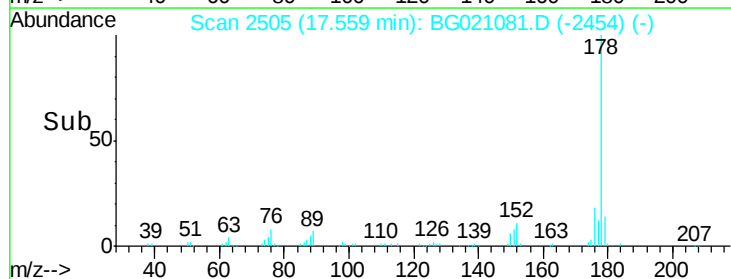
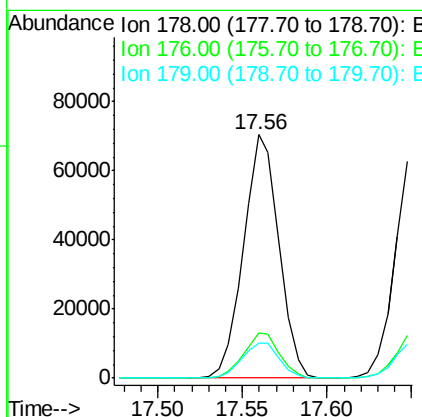
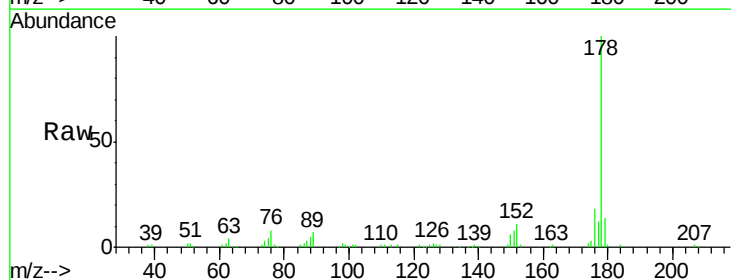
Manual Integrations
 APPROVED

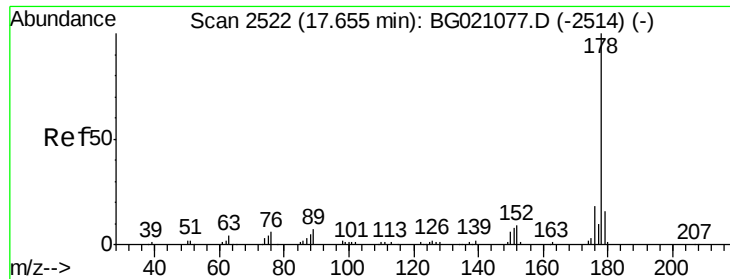
Sohil
 2/29/2016 10:21:37 AM



#70
 Phenanthrene
 Concen: 41.82 ng
 RT: 17.56 min Scan# 2505
 Delta R.T. -0.00 min
 Lab File: BG021081.D
 Acq: 26 Feb 2016 16:30

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	102416		
176	18.4	16.2	24.4	
179	14.4	12.9	19.3	





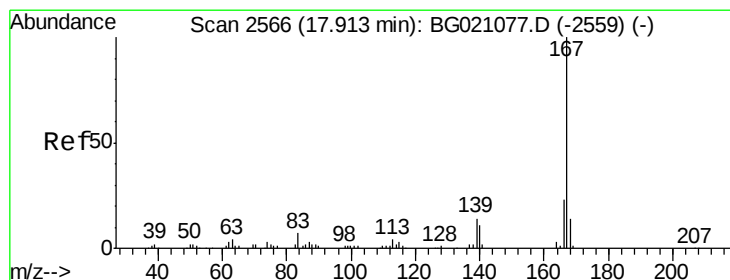
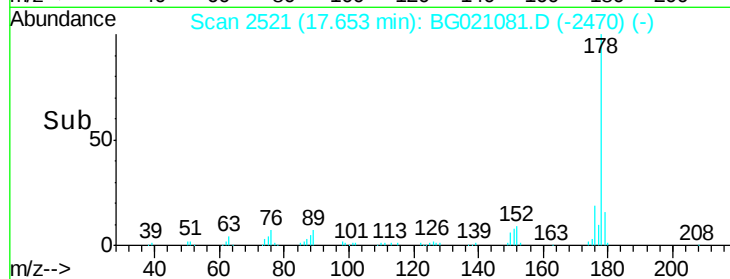
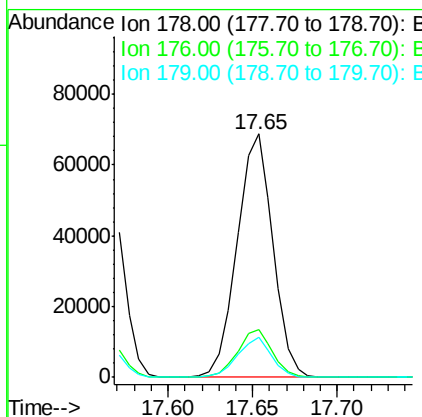
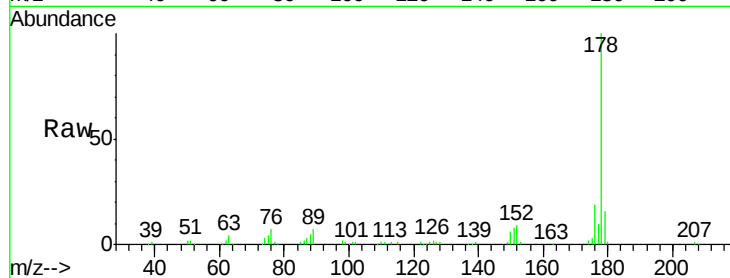
#71
 Anthracene
 Concen: 41.06 ng
 RT: 17.65 min Scan# 2521
 Delta R.T. -0.00 min
 Lab File: BG021081.D
 Acq: 26 Feb 2016 16:30

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG022616

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	101250		
176	19.4	14.8	22.2	
179	16.4	12.6	19.0	

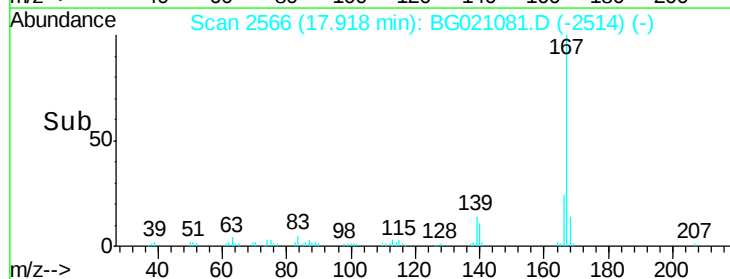
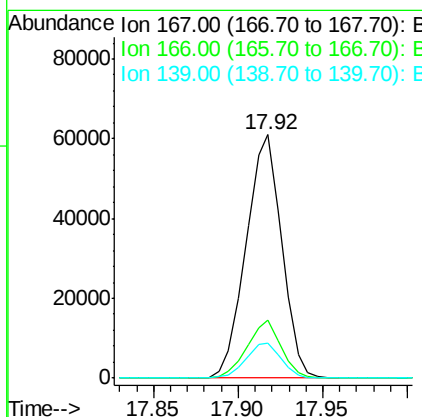
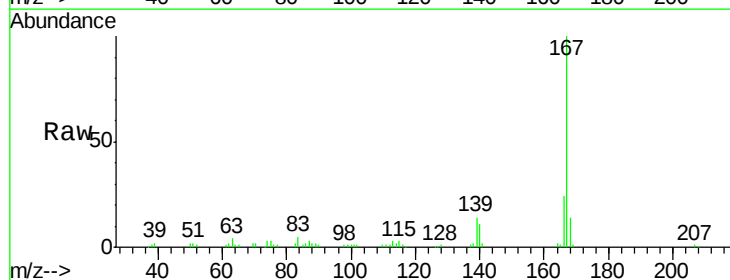
Manual Integrations
 APPROVED

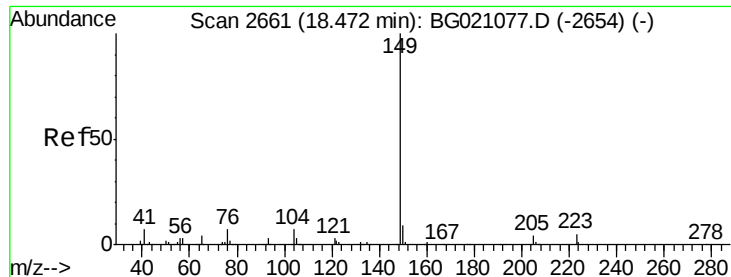
Sohil
 2/29/2016 10:21:37 AM



#72
 Carbazole
 Concen: 42.09 ng
 RT: 17.92 min Scan# 2566
 Delta R.T. 0.00 min
 Lab File: BG021081.D
 Acq: 26 Feb 2016 16:30

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	89627		
166	23.8	17.5	26.3	
139	14.1	10.3	15.5	





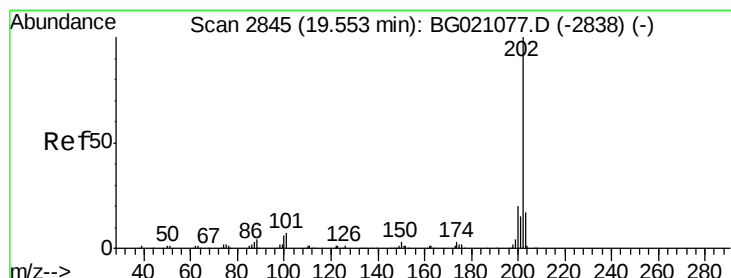
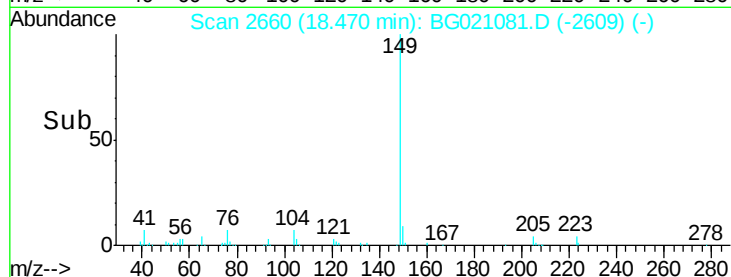
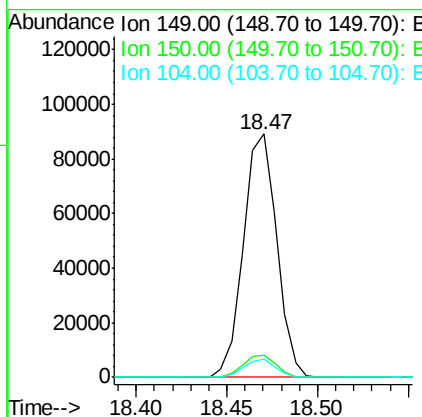
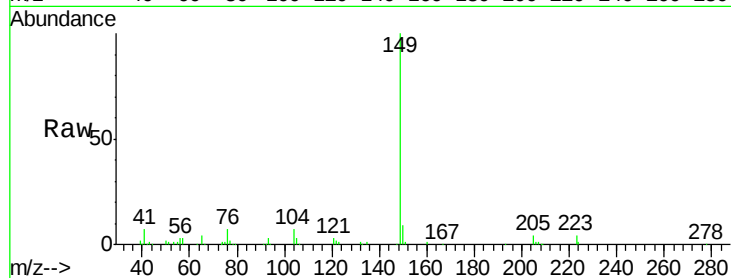
#73
Di-n-butylphthalate
Concen: 40.56 ng
RT: 18.47 min Scan# 2660
Delta R.T. -0.00 min
Lab File: BG021081.D
Acq: 26 Feb 2016 16:30

Instrument :
BNA_G
ClientSampleId :
ICVBG022616

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
150	9.2	7.6	11.4
104	7.3	4.1	6.1

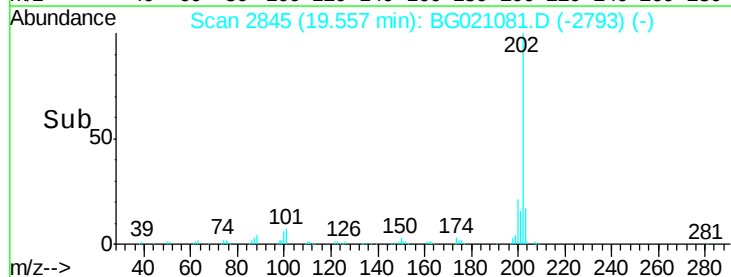
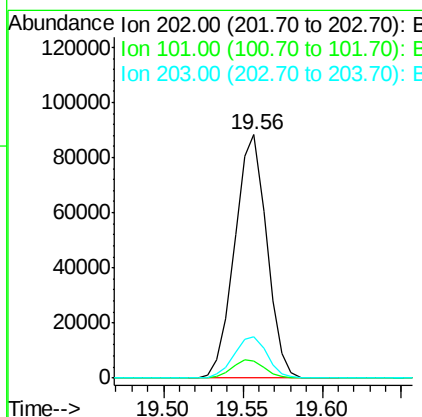
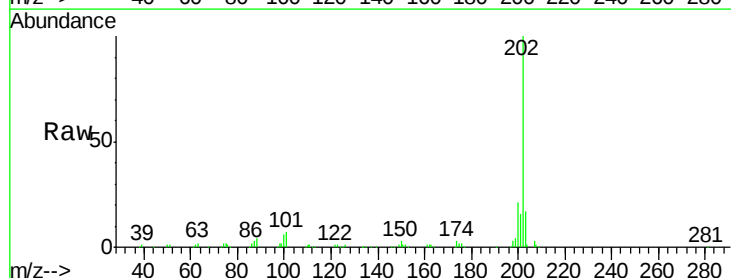
Manual Integrations
APPROVED

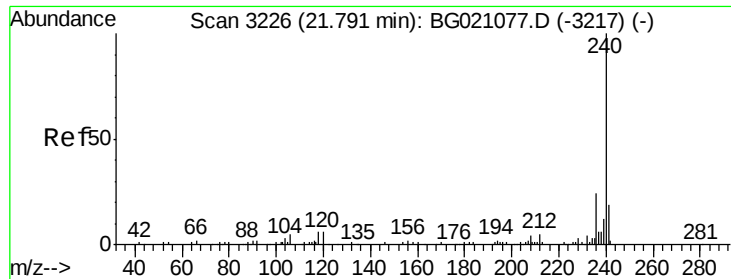
Sohil
2/29/2016 10:21:37 AM



#74
Fluoranthene
Concen: 40.33 ng
RT: 19.56 min Scan# 2845
Delta R.T. 0.00 min
Lab File: BG021081.D
Acq: 26 Feb 2016 16:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	7.2	0.0	32.5
203	16.9	0.0	37.6





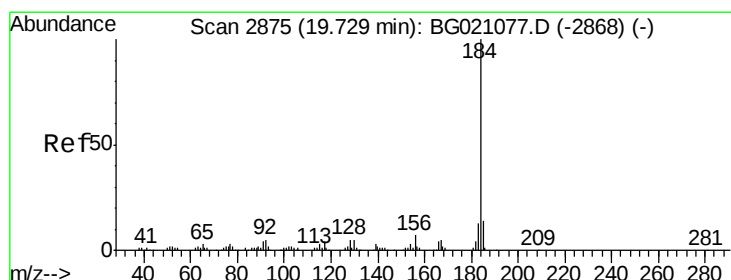
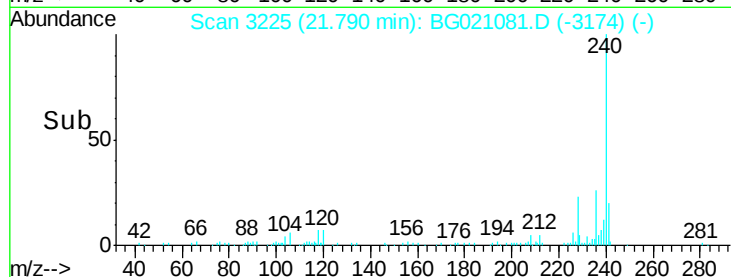
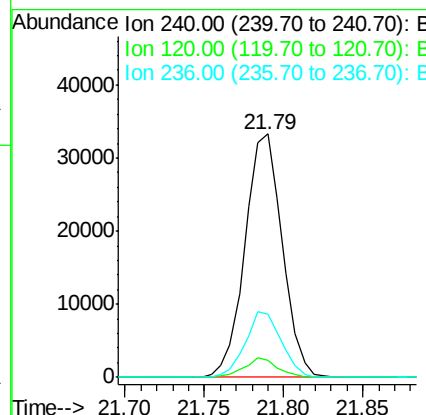
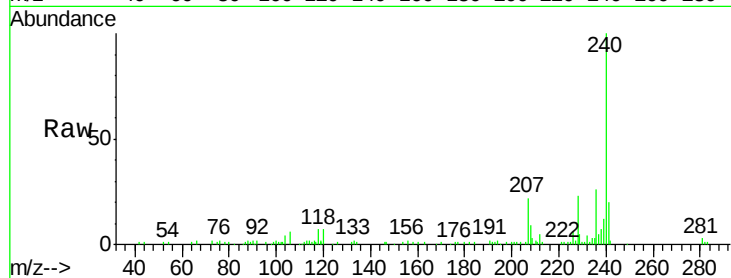
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.79 min Scan# 3225
Delta R.T. -0.00 min
Lab File: BG021081.D
Acq: 26 Feb 2016 16:30

Instrument :
BNA_G
ClientSampleId :
ICVBG022616

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	6.9	7.5	11.3#
236	25.8	20.5	30.7

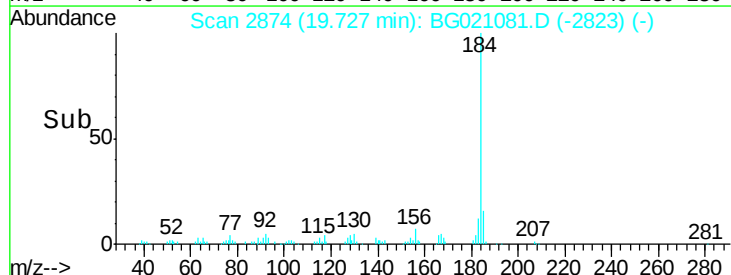
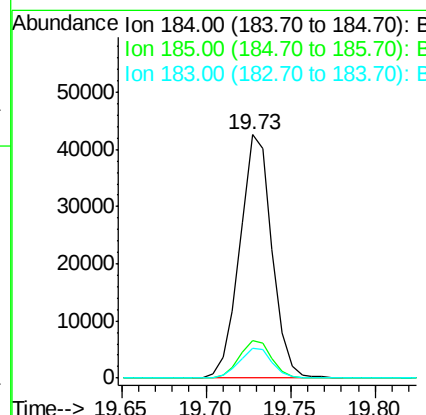
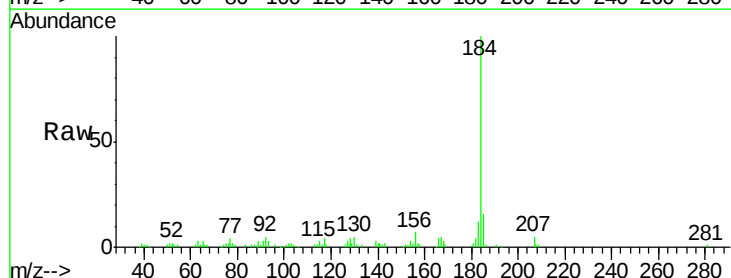
Manual Integrations
APPROVED

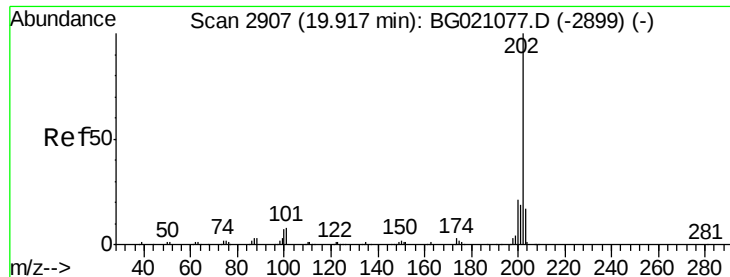
Sohil
2/29/2016 10:21:37 AM



#76
Benzidine
Concen: 39.40 ng
RT: 19.73 min Scan# 2874
Delta R.T. -0.00 min
Lab File: BG021081.D
Acq: 26 Feb 2016 16:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
184	100		
185	15.6	11.5	17.3
183	12.3	10.1	15.1





#77

Pyrene

Concen: 41.88 ng

RT: 19.92 min Scan# 2906

Delta R.T. -0.00 min

Lab File: BG021081.D

Acq: 26 Feb 2016 16:30

Instrument :

BNA_G

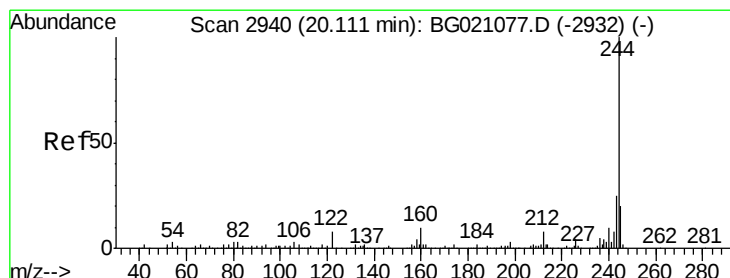
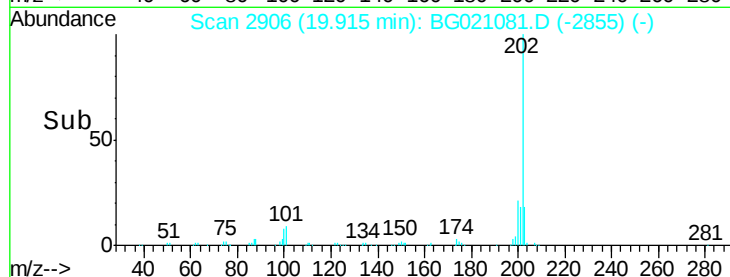
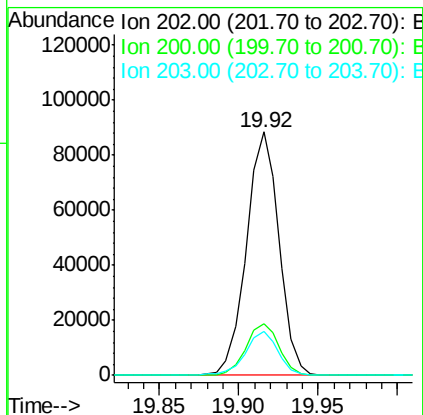
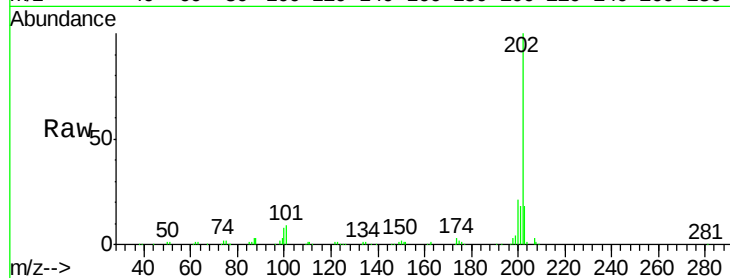
ClientSampleId :

ICVBG022616

Tgt	Ion	Resp	Lower	Upper
202	100			
200	21.4	16.6	25.0	
203	17.9	13.8	20.8	

Manual Integrations
APPROVED

Sohil
2/29/2016 10:21:37 AM



#78

Terphenyl-d14

Concen: 83.83 ng

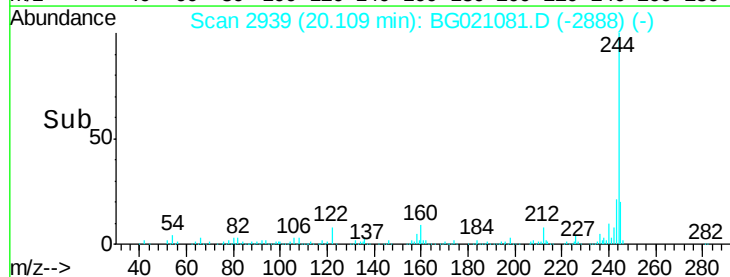
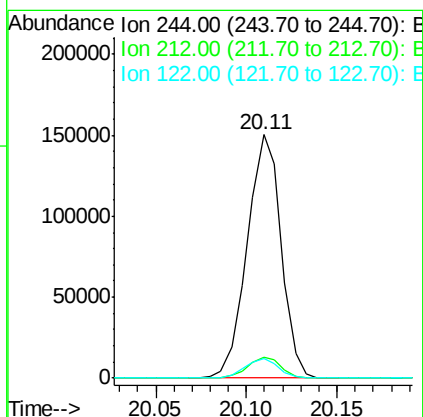
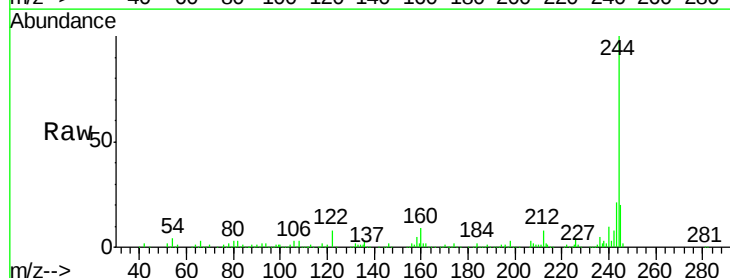
RT: 20.11 min Scan# 2939

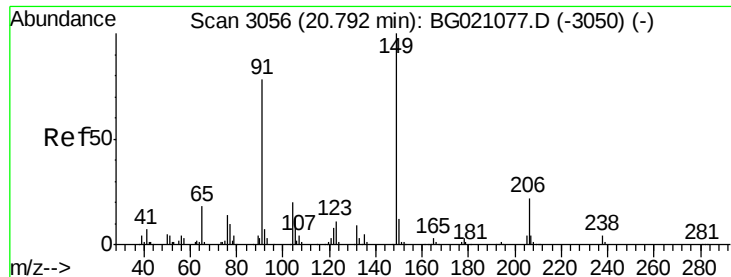
Delta R.T. -0.00 min

Lab File: BG021081.D

Acq: 26 Feb 2016 16:30

Tgt	Ion	Resp	Lower	Upper
244	100			
212	8.4	5.8	8.6	
122	8.0	8.3	12.5#	





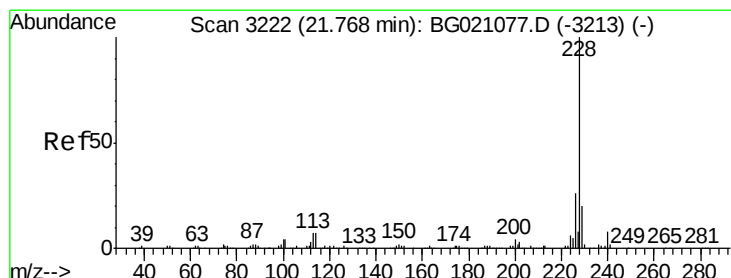
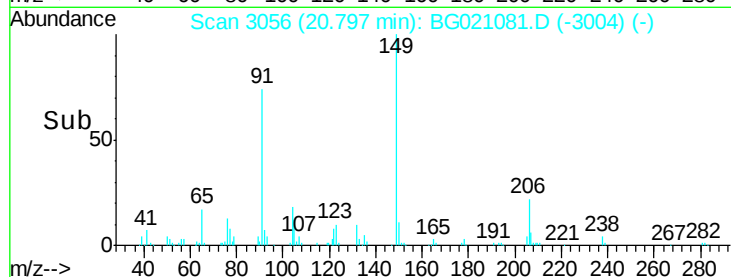
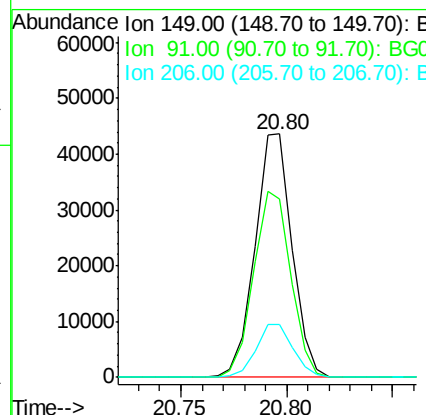
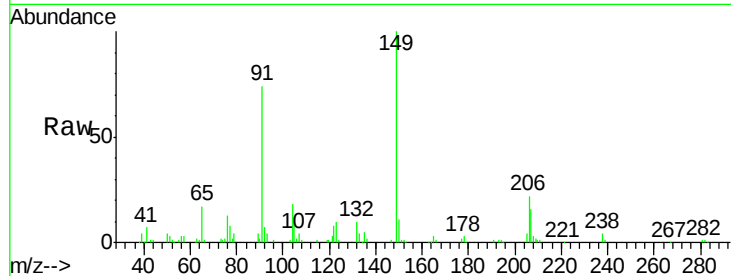
#79
Butylbenzylphthalate
Concen: 42.36 ng
RT: 20.80 min Scan# 3056
Delta R.T. 0.00 min
Lab File: BG021081.D
Acq: 26 Feb 2016 16:30

Instrument :
BNA_G
ClientSampleId :
ICVBG022616

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	73.5	58.6	87.8
206	22.0	14.2	21.4

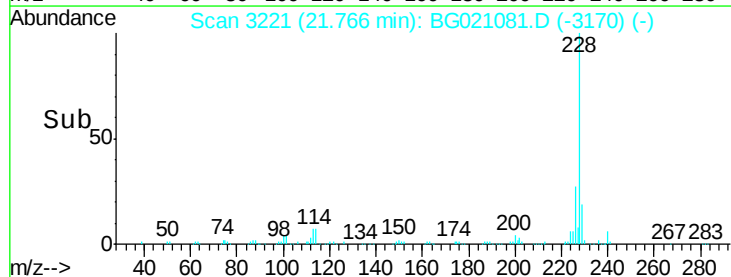
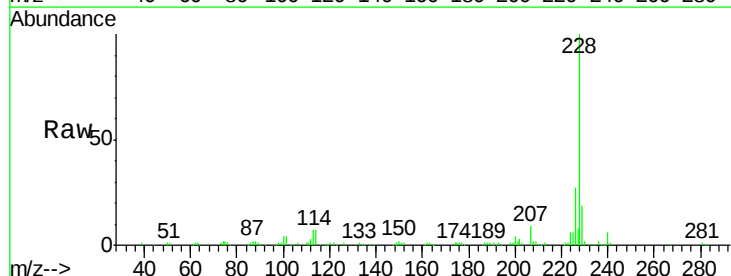
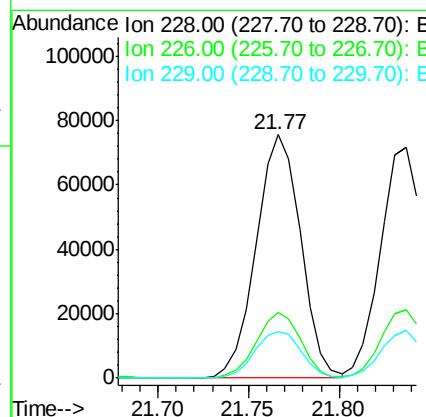
Manual Integrations
APPROVED

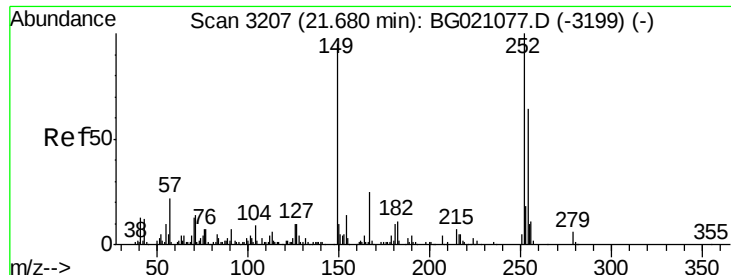
Sohil
2/29/2016 10:21:37 AM



#80
Benzo(a)anthracene
Concen: 41.26 ng
RT: 21.77 min Scan# 3221
Delta R.T. -0.00 min
Lab File: BG021081.D
Acq: 26 Feb 2016 16:30

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	27.1	22.7	34.1
229	19.2	15.5	23.3





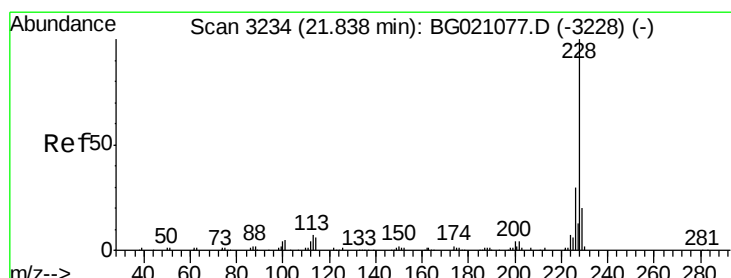
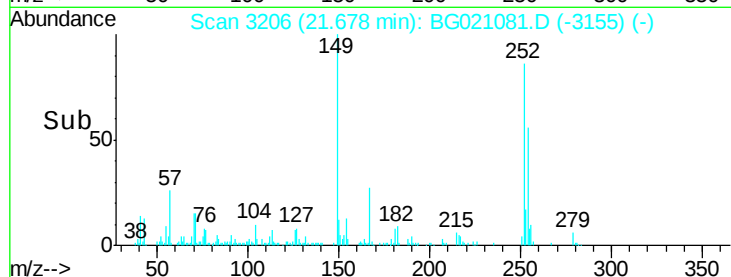
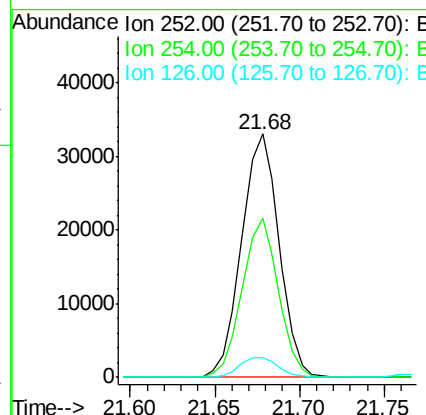
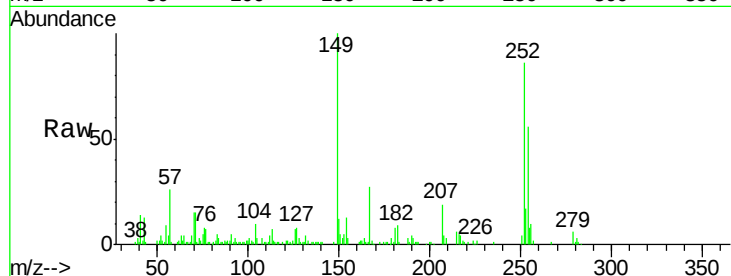
#81
 3,3'-Dichlorobenzidine
 Concen: 41.76 ng
 RT: 21.68 min Scan# 3206
 Delta R.T. -0.00 min
 Lab File: BG021081.D
 Acq: 26 Feb 2016 16:30

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG022616

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.2	52.6	79.0
126	8.3	8.3	12.5

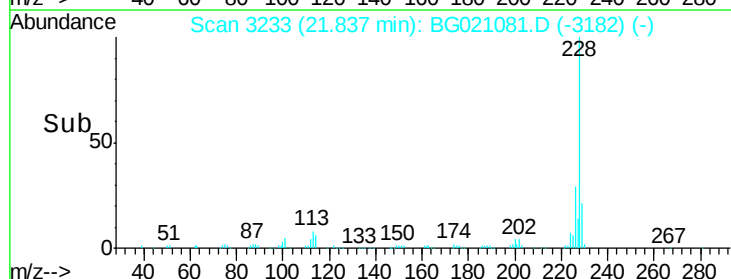
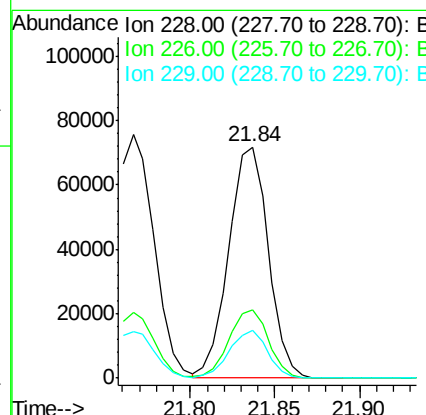
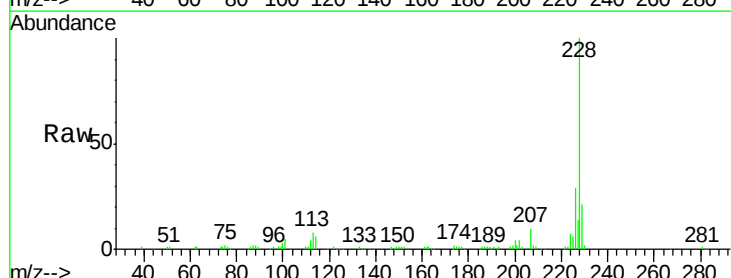
Manual Integrations
 APPROVED

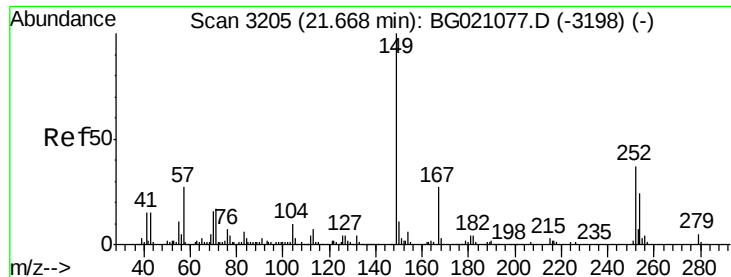
Sohil
 2/29/2016 10:21:37 AM



#82
 Chrysene
 Concen: 38.95 ng
 RT: 21.84 min Scan# 3233
 Delta R.T. -0.00 min
 Lab File: BG021081.D
 Acq: 26 Feb 2016 16:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.7	35.5
229	20.7	16.7	25.1





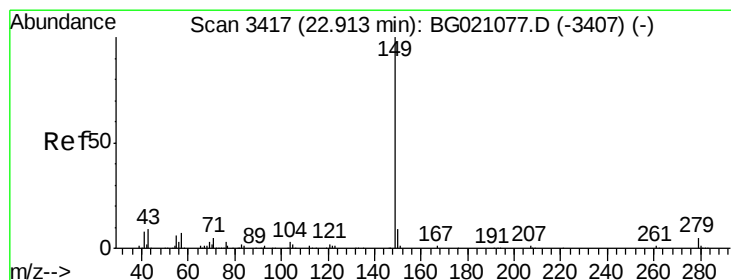
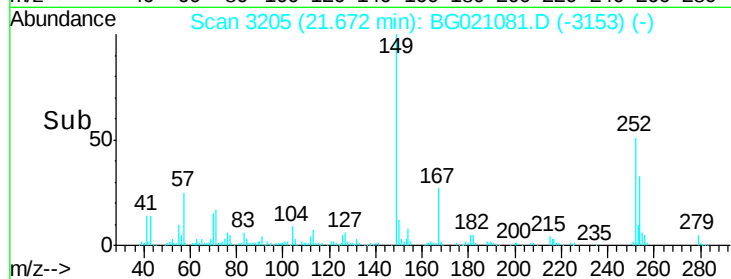
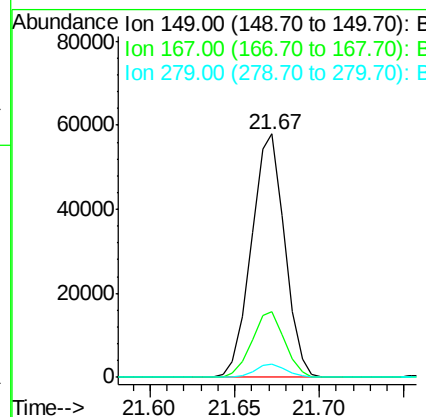
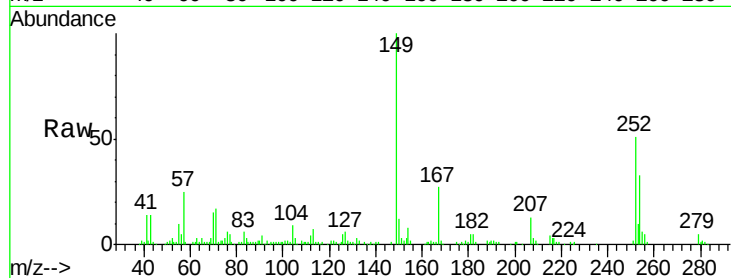
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.08 ng
 RT: 21.67 min Scan# 3205
 Delta R.T. 0.00 min
 Lab File: BG021081.D
 Acq: 26 Feb 2016 16:30

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG022616

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	26.9	18.9	28.3
279	5.3	3.0	4.6

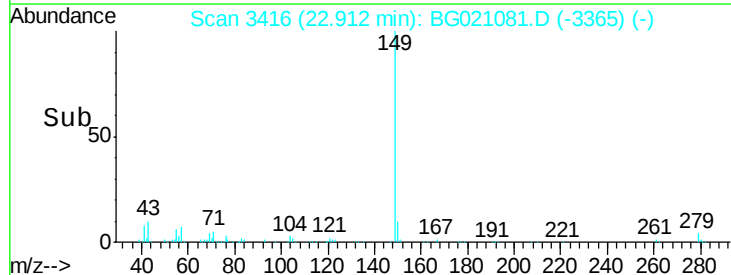
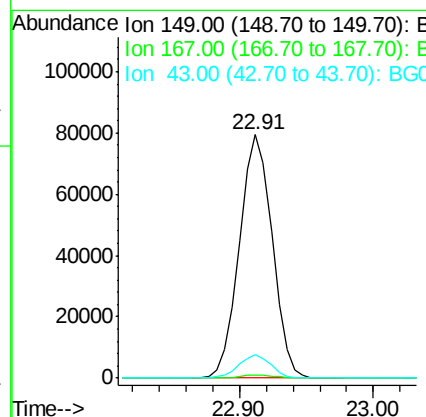
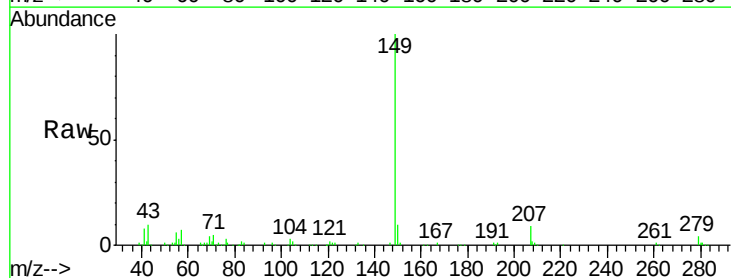
Manual Integrations
 APPROVED

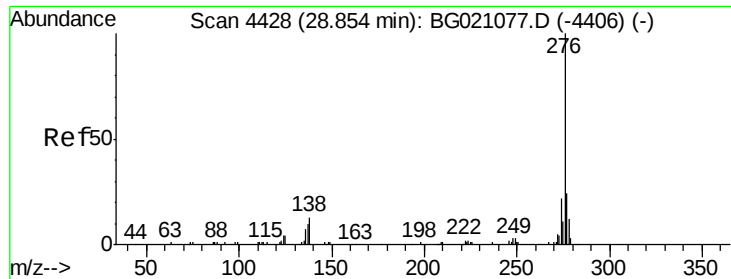
Sohil
 2/29/2016 10:21:37 AM



#84
 Di-n-octyl phthalate
 Concen: 41.64 ng
 RT: 22.91 min Scan# 3416
 Delta R.T. -0.00 min
 Lab File: BG021081.D
 Acq: 26 Feb 2016 16:30

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	1.4	1.1	1.7
43	9.5	9.8	14.8





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.38 ng

RT: 28.85 min Scan# 4426

Delta R.T. -0.01 min

Lab File: BG021081.D

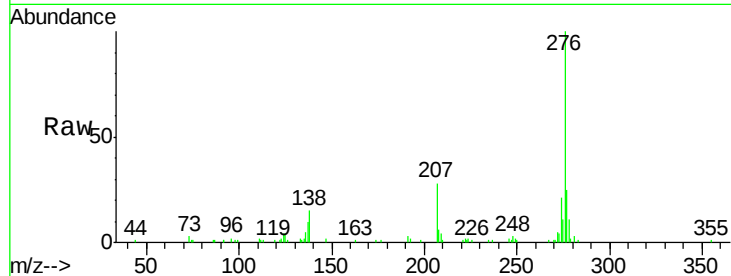
Acq: 26 Feb 2016 16:30

Instrument :

BNA_G

ClientSampleId :

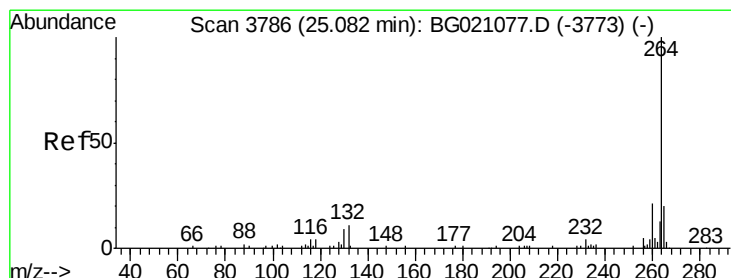
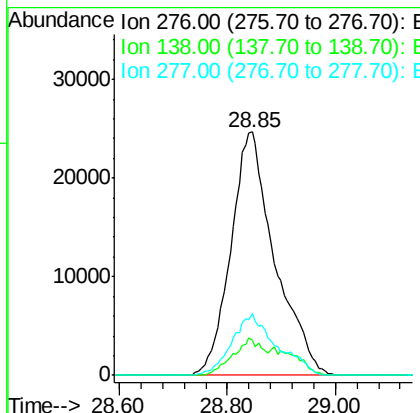
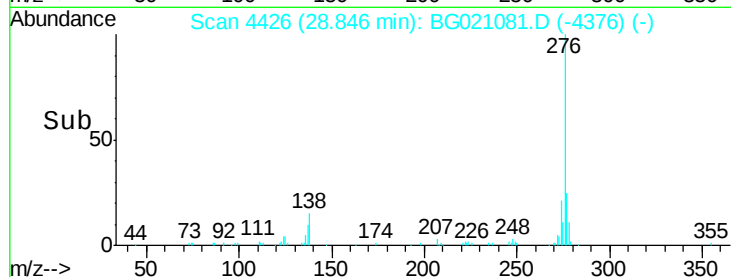
ICVBG022616



Tgt Ion	Ratio	Resp	Lower	Upper
276	100	139266		
138	10.5	0.0	0.0	0.0
277	25.6	0.0	0.0	0.0

Manual Integrations
APPROVED

Sohil
2/29/2016 10:21:37 AM



#86

Perylene-d12

Concen: 20.00 ng

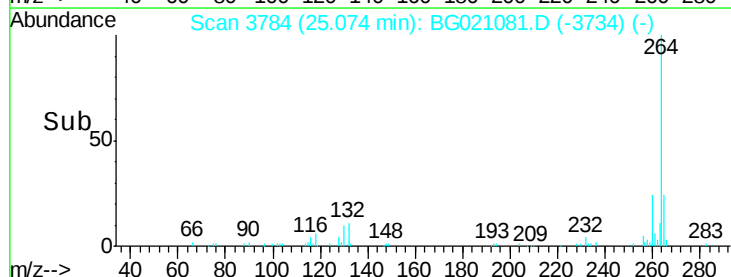
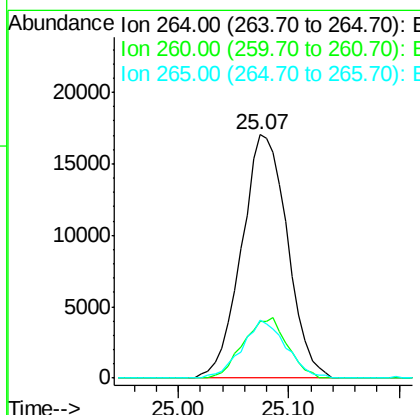
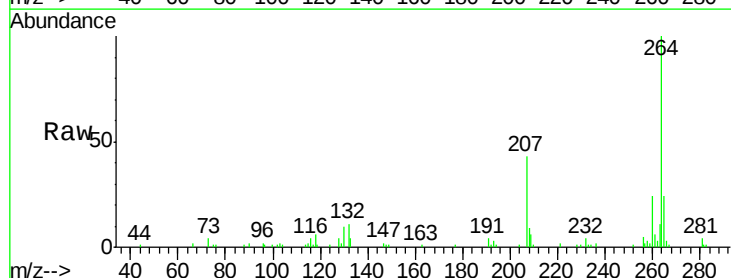
RT: 25.07 min Scan# 3784

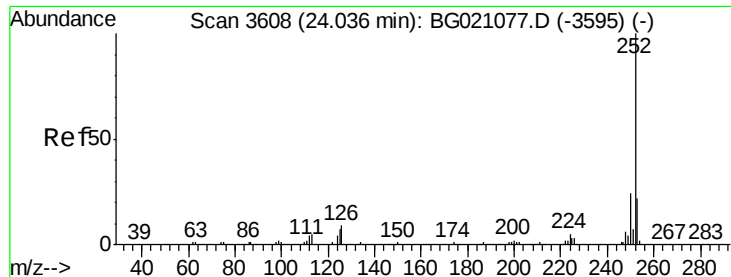
Delta R.T. -0.01 min

Lab File: BG021081.D

Acq: 26 Feb 2016 16:30

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	49468		
260	23.5	18.5	27.7	
265	23.8	18.6	28.0	





#87

Benzo(b)fluoranthene

Concen: 43.58 ng

RT: 24.03 min Scan# 3607

Delta R.T. -0.00 min

Lab File: BG021081.D

Acq: 26 Feb 2016 16:30

Instrument :

BNA_G

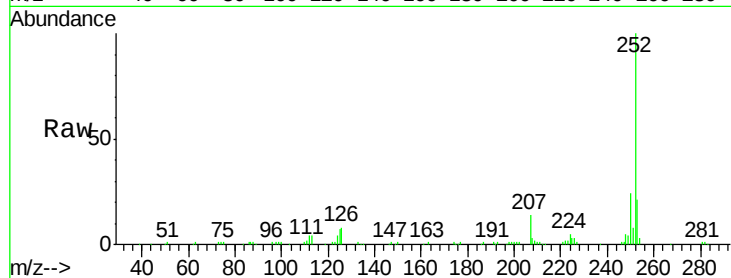
ClientSampleId :

ICVBG022616

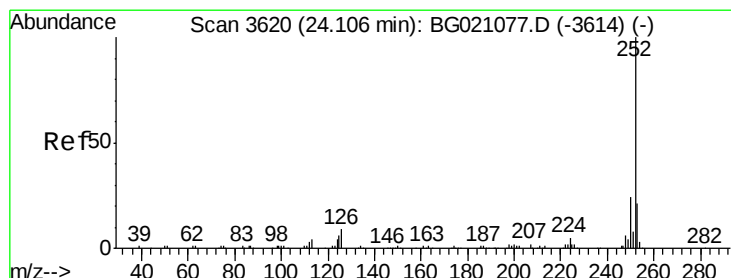
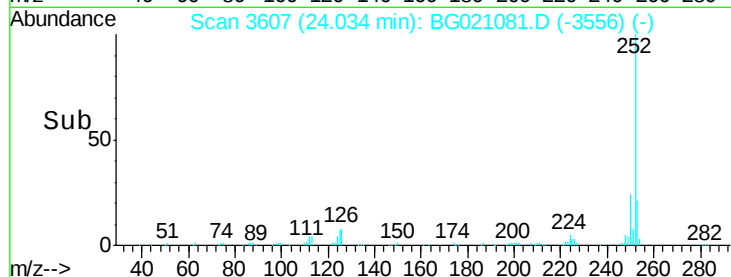
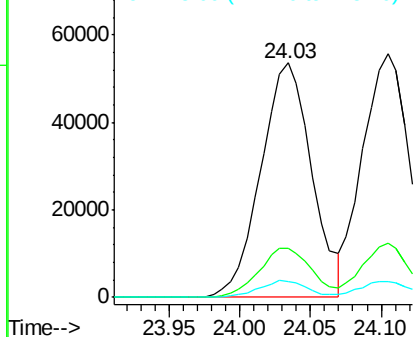
Tgt Ion:	252	Resp:	134746
Ion Ratio	Lower	Upper	
252	100		
253	20.8	16.8	25.2
125	6.6	8.2	12.2#

Manual Integrations
APPROVED

Sohil
2/29/2016 10:21:37 AM



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



#88

Benzo(k)fluoranthene

Concen: 42.07 ng

RT: 24.10 min Scan# 3619

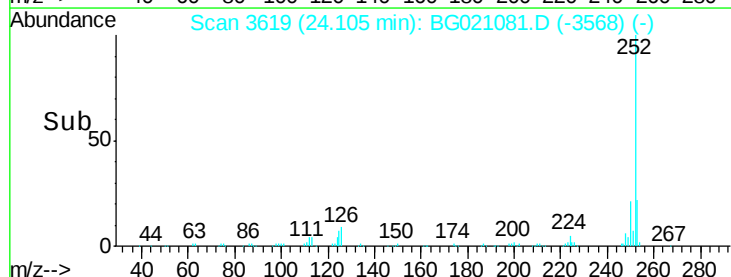
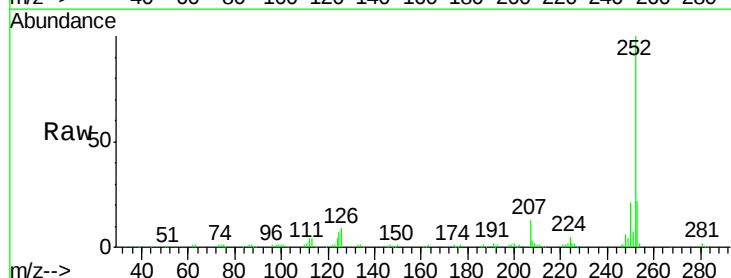
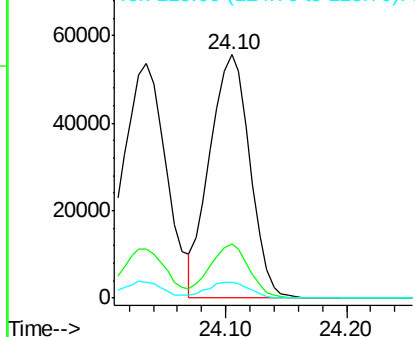
Delta R.T. -0.00 min

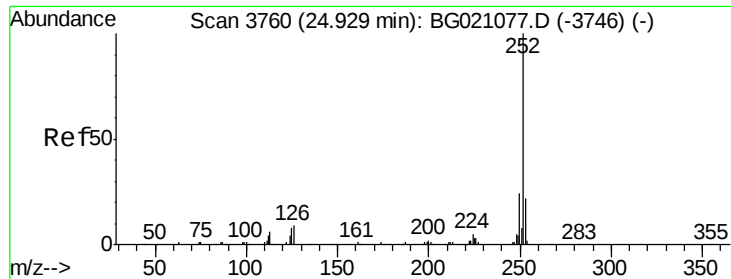
Lab File: BG021081.D

Acq: 26 Feb 2016 16:30

Tgt Ion:	252	Resp:	128224
Ion Ratio	Lower	Upper	
252	100		
253	22.1	16.4	24.6
125	6.6	8.2	12.2#

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





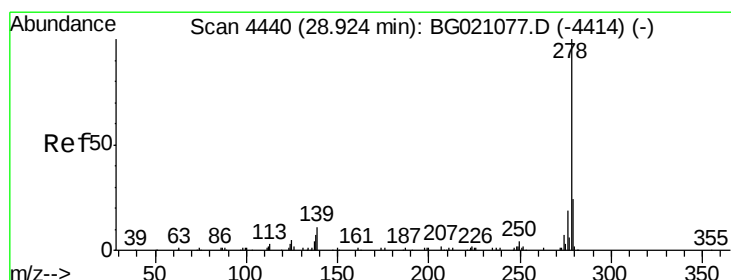
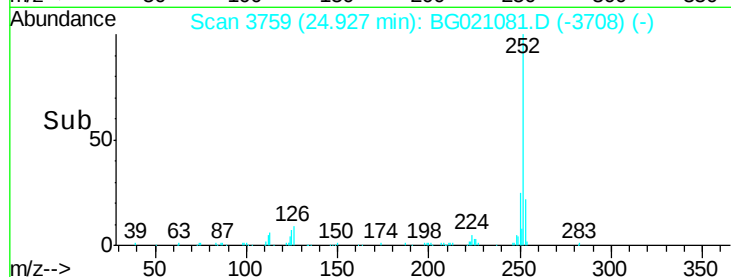
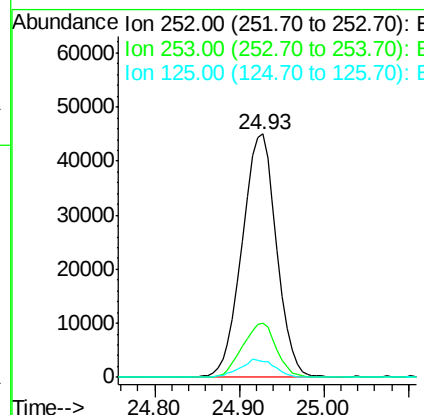
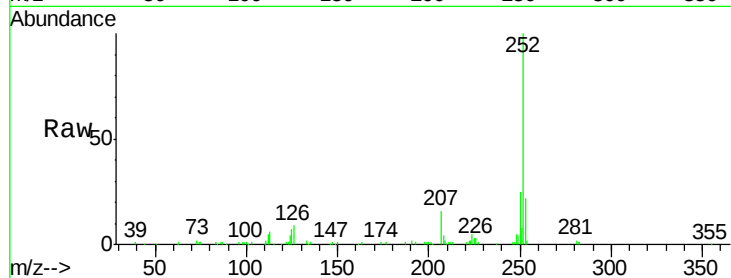
#89
Benzo(a)pyrene
Concen: 42.87 ng
RT: 24.93 min Scan# 3759
Delta R.T. -0.00 min
Lab File: BG021081.D
Acq: 26 Feb 2016 16:30

Instrument :
BNA_G
ClientSampleId :
ICVBG022616

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.3	15.8	23.8
125	6.7	8.4	12.6

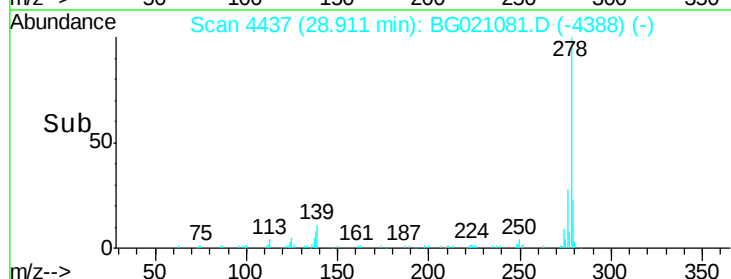
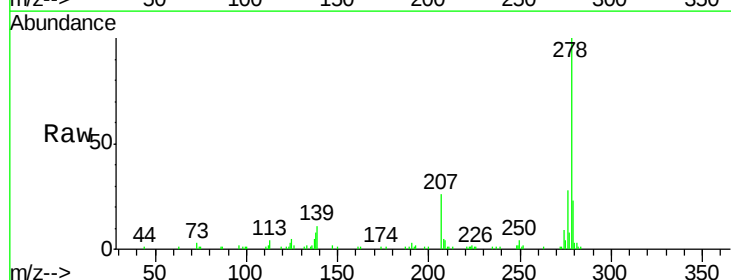
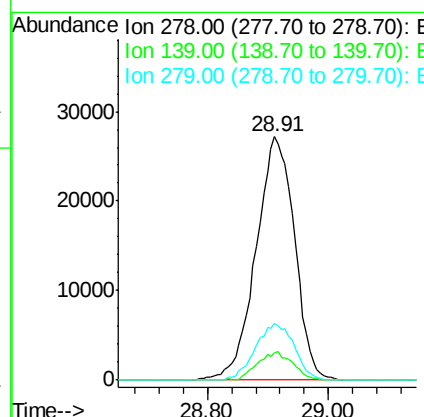
Manual Integrations
APPROVED

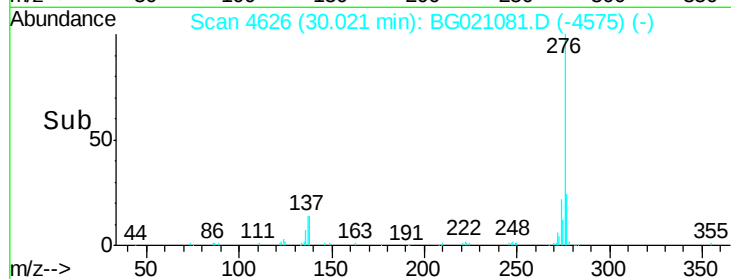
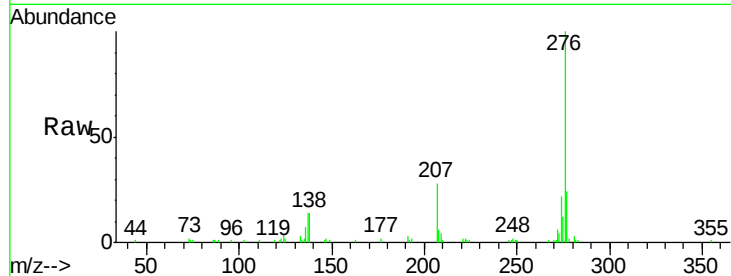
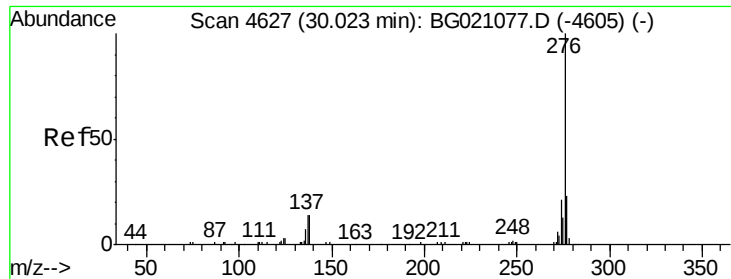
Sohil
2/29/2016 10:21:37 AM



#90
Dibenzo(a,h)anthracene
Concen: 40.11 ng
RT: 28.91 min Scan# 4437
Delta R.T. -0.01 min
Lab File: BG021081.D
Acq: 26 Feb 2016 16:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	11.2	10.6	15.8
279	23.2	19.7	29.5





#91
 Benzo(g,h,i)perylene
 Concen: 39.64 ng
 RT: 30.02 min Scan# 4626
 Delta R.T. -0.00 min
 Lab File: BG021081.D
 Acq: 26 Feb 2016 16:30

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG022616

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	23.8	16.6	25.0
138	14.3	14.6	21.8#

Manual Integrations
 APPROVED

Sohil
 2/29/2016 10:21:37 AM

