

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121517\
 Data File : BG031597.D
 Acq On : 15 Dec 2017 20:51
 Operator : SJ/JU
 Sample : PB105057BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105057BS

Manual Integrations
 APPROVED

Sohil
 12/18/2017 2:06:07 PM

Quant Time: Dec 15 23:58:45 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	58748	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	260043	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	180780	20.00	ng	0.00
63) Phenanthrene-d10	17.46	188	475877	20.00	ng	-0.01
75) Chrysene-d12	21.74	240	536711	20.00	ng	-0.01
86) Perylene-d12	25.02	264	478872	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	308849	93.18	ng	0.00
7) Phenol-d6	7.27	99	397639	86.42	ng	0.00
23) Nitrobenzene-d5	9.27	82	334208	79.22	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	191879	90.60	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	988687	80.28	ng	0.00
78) Terphenyl-d14	20.06	244	1758953	74.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	49929	31.572	ng	# 82
3) Pyridine	3.90	79	136620	32.812	ng	91
4) n-Nitrosodimethylamine	3.82	42	66682	34.001	ng	# 88
6) Aniline	7.42	93	96790	15.973	ng	93
8) 2-Chlorophenol	7.66	128	164710	44.552	ng	91
9) Benzaldehyde	7.24	77	94268	35.346	ng	86
10) Phenol	7.29	94	213425	45.154	ng	90
11) bis(2-Chloroethyl)ether	7.51	93	142390	36.910	ng	90
12) 1,3-Dichlorobenzene	7.98	146	172421	39.218	ng	96
13) 1,4-Dichlorobenzene	8.13	146	175779	38.470	ng	95
14) 1,2-Dichlorobenzene	8.45	146	167785	38.548	ng	98
15) Benzyl Alcohol	8.34	79	138106	38.370	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.62	45	207517	47.881	ng	89
17) 2-Methylphenol	8.55	107	141071	43.784	ng	97
18) Hexachloroethane	9.18	117	60365	39.193	ng	94
19) n-Nitroso-di-n-propylamine	8.90	70	113991	31.476	ng	# 95
20) 3+4-Methylphenols	8.88	107	194301	40.481	ng	95
22) Acetophenone	8.92	105	243063	38.962	ng	# 93
24) Nitrobenzene	9.31	77	175829	40.671	ng	# 87
25) Isophorone	9.83	82	326946	41.006	ng	# 91
26) 2-Nitrophenol	10.03	139	95377	44.615	ng	# 88
27) 2,4-Dimethylphenol	10.08	122	168704	51.949	ng	94
28) bis(2-Chloroethoxy)methane	10.31	93	205815	39.983	ng	98
29) 2,4-Dichlorophenol	10.57	162	186723	48.803	ng	92
30) 1,2,4-Trichlorobenzene	10.77	180	199561	40.833	ng	94
31) Naphthalene	10.96	128	491912	38.505	ng	98
32) Benzoic acid	10.24	122	38384	26.633	ng	# 80
33) 4-Chloroaniline	11.09	127	41750	7.527	ng	94
34) Hexachlorobutadiene	11.24	225	123015	37.946	ng	94
35) Caprolactam	11.85	113	70007m	46.598	ng	
36) 4-Chloro-3-methylphenol	12.20	107	186926	42.801	ng	# 86
37) 2-Methylnaphthalene	12.56	142	392771	39.708	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	261934	37.073	ng	97
40) Hexachlorocyclopentadiene	12.90	237	149592	67.062	ng	94

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121517\
 Data File : BG031597.D
 Acq On : 15 Dec 2017 20:51
 Operator : SJ/JU
 Sample : PB105057BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105057BS

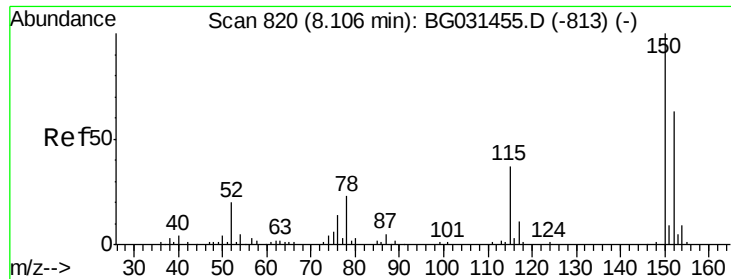
Manual Integrations
 APPROVED

Sohil
 12/18/2017 2:06:07 PM

Quant Time: Dec 15 23:58:45 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	164472	45.563	ng	98
43) 2,4,5-Trichlorophenol	13.26	196	177003	45.520	ng	# 90
45) 1,1'-Biphenyl	13.56	154	560111	37.723	ng	97
46) 2-Chloronaphthalene	13.60	162	436635	40.178	ng	95
47) 2-Nitroaniline	13.81	65	121017	39.628	ng	# 76
48) Acenaphthylene	14.45	152	664631	38.008	ng	99
49) Dimethylphthalate	14.17	163	600940	40.152	ng	99
50) 2,6-Dinitrotoluene	14.30	165	136901	42.794	ng	# 77
51) Acenaphthene	14.79	154	413614	37.407	ng	99
52) 3-Nitroaniline	14.64	138	49816	15.276	ng	# 86
53) 2,4-Dinitrophenol	14.86	184	87798	67.376	ng	# 47
54) Dibenzofuran	15.12	168	692807	39.265	ng	100
55) 4-Nitrophenol	14.96	139	189721	85.829	ng	# 80
56) 2,4-Dinitrotoluene	15.10	165	197001	43.357	ng	# 72
57) Fluorene	15.77	166	555098	39.264	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	178150	48.742	ng	# 89
59) Diethylphthalate	15.53	149	593977	39.593	ng	98
60) 4-Chlorophenyl-phenylether	15.76	204	328932	38.029	ng	91
61) 4-Nitroaniline	15.80	138	141609	41.379	ng	84
62) Azobenzene	16.05	77	468866	37.728	ng	93
64) 4,6-Dinitro-2-methylphenol	15.87	198	95832	34.777	ng	# 74
65) n-Nitrosodiphenylamine	15.97	169	529144	37.988	ng	99
66) 4-Bromophenyl-phenylether	16.65	248	222342	40.180	ng	97
67) Hexachlorobenzene	16.78	284	226107	39.570	ng	96
68) Atrazine	16.91	200	229896	45.139	ng	98
69) Pentachlorophenol	17.12	266	171333	63.625	ng	98
70) Phenanthrene	17.51	178	970208	39.038	ng	98
71) Anthracene	17.60	178	1007110	40.973	ng	99
72) Carbazole	17.87	167	940501	42.281	ng	99
73) Di-n-butylphthalate	18.41	149	1049833	40.869	ng	100
74) Fluoranthene	19.52	202	1293598	41.591	ng	98
76) Benzidine	19.69	184	370157	29.636	ng	98
77) Pyrene	19.87	202	1326794	39.785	ng	97
79) Butylbenzylphthalate	20.74	149	519321	44.389	ng	# 82
80) Benzo(a)anthracene	21.72	228	1328320	41.004	ng	99
81) 3,3'-Dichlorobenzidine	21.62	252	341653	30.303	ng	99
82) Chrysene	21.79	228	1243864	40.052	ng	97
83) Bis(2-ethylhexyl)phthalate	21.60	149	694480	41.260	ng	100
84) Di-n-octyl phthalate	22.81	149	1129942	40.698	ng	# 93
85) Indeno(1,2,3-cd)pyrene	28.78	276	1226437	36.952	ng	# 89
87) Benzo(b)fluoranthene	23.97	252	1189539m	41.549	ng	
88) Benzo(k)fluoranthene	24.05	252	1206681	41.301	ng	98
89) Benzo(a)pyrene	24.87	252	1161359	42.762	ng	98
90) Dibenzo(a,h)anthracene	28.83	278	1021825	39.345	ng	98
91) Benzo(g,h,i)perylene	29.96	276	1027666	40.249	ng	97

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



#1

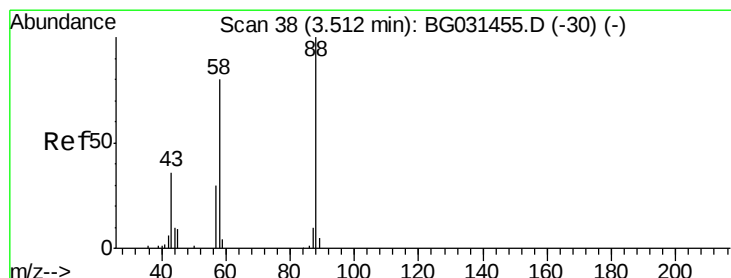
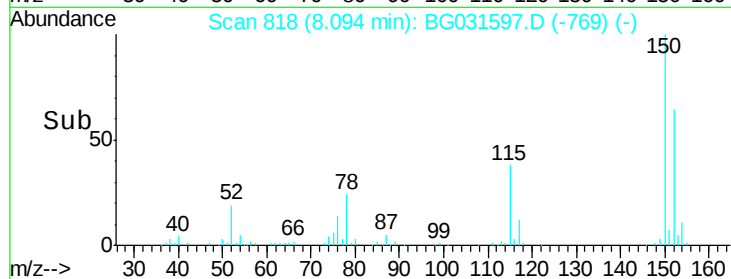
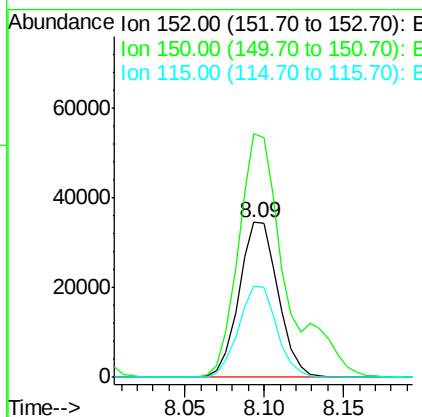
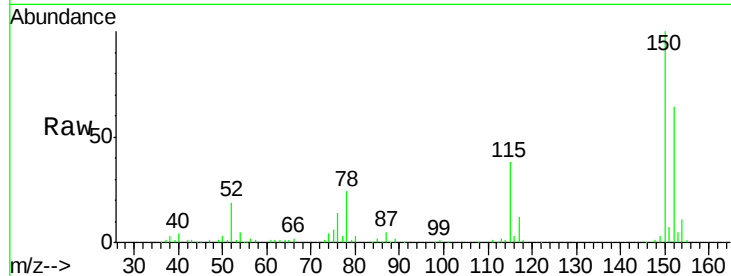
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

Instrument :
BNA_G
ClientSampleId :
PB105057BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.6	189.8
115	59.1	53.0	79.4

Manual Integrations
APPROVED

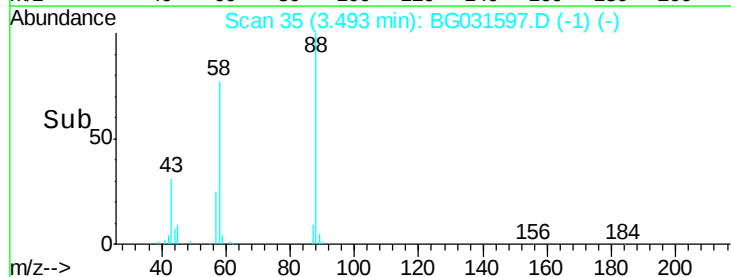
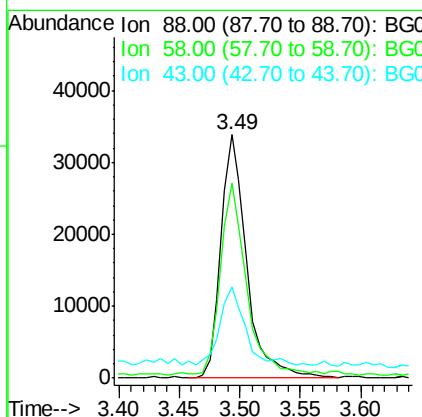
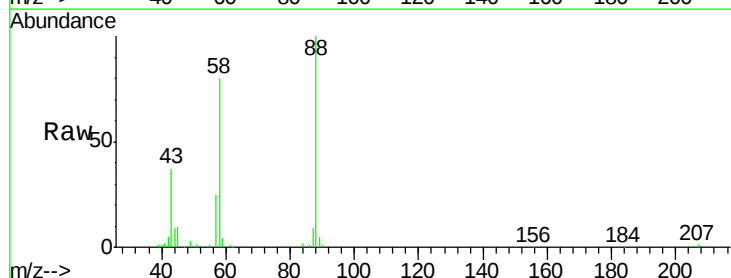
Sohil
12/18/2017 2:06:07 PM

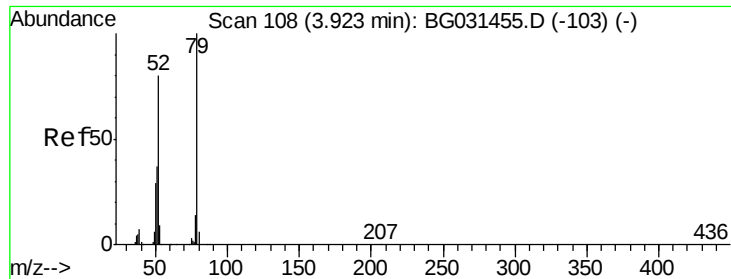


#2

1,4-Dioxane
Concen: 31.572 ng
RT: 3.49 min Scan# 35
Delta R.T. -0.02 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.6	79.6	119.4#
43	31.1	27.4	41.0





#3

Pyridine

Concen: 32.812 ng

RT: 3.90 min Scan# 105

Delta R.T. -0.02 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

Instrument :

BNA_G

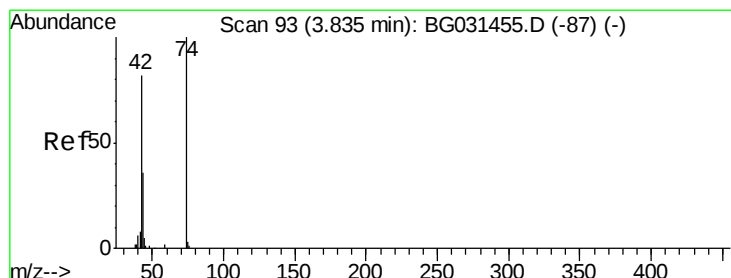
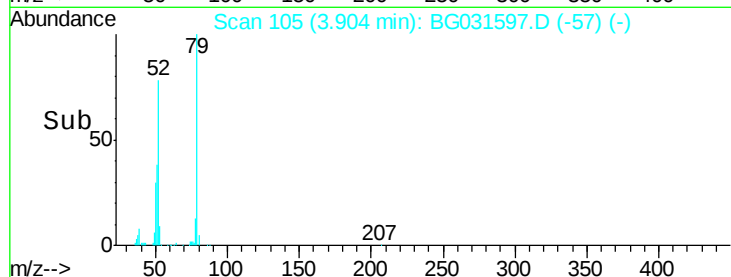
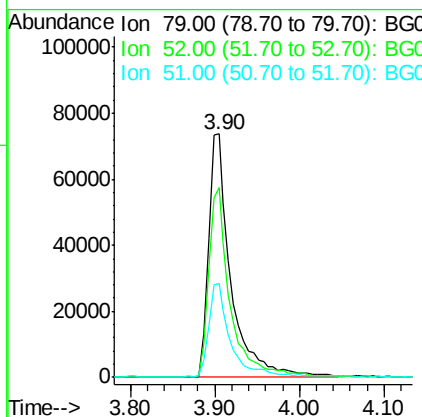
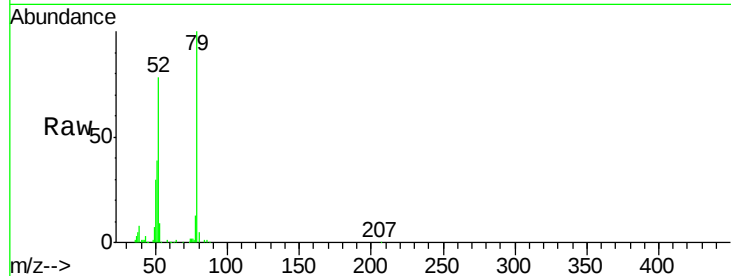
ClientSampleId :

PB105057BS

Tgt Ion:	79	Resp:	136620
Ion Ratio	Lower	Upper	
79	100		
52	77.9	69.9	104.9
51	38.7	34.0	51.0

Manual Integrations
APPROVED

Sohil
12/18/2017 2:06:07 PM



#4

n-Nitrosodimethylamine

Concen: 34.001 ng

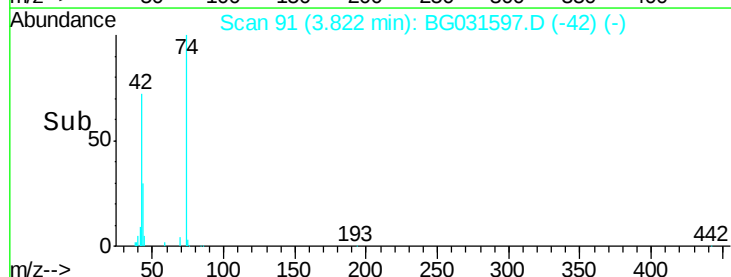
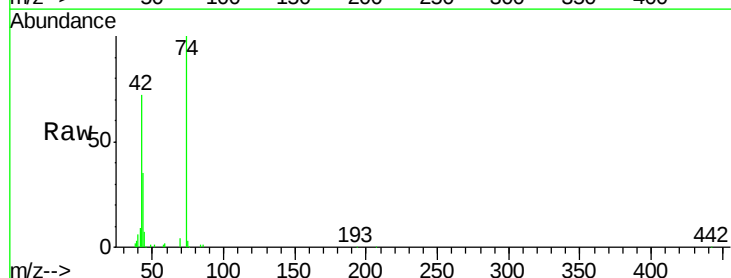
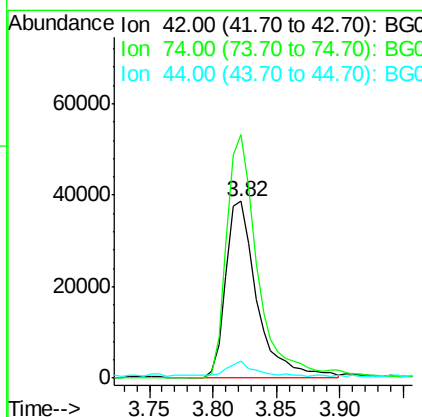
RT: 3.82 min Scan# 91

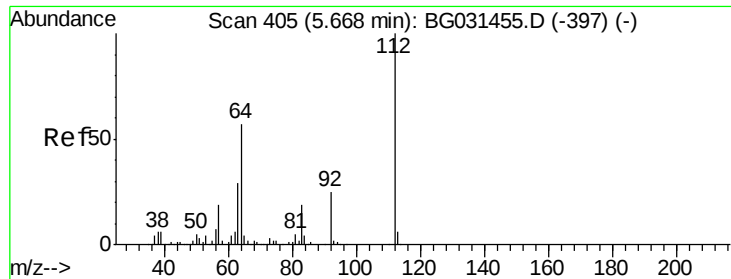
Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

Tgt Ion:	42	Resp:	66682
Ion Ratio	Lower	Upper	
42	100		
74	138.0	102.5	153.7
44	9.4	18.9	28.3#





#5

2-Fluorophenol

Concen: 93.185 ng

RT: 5.66 min Scan# 404

Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

Instrument :

BNA_G

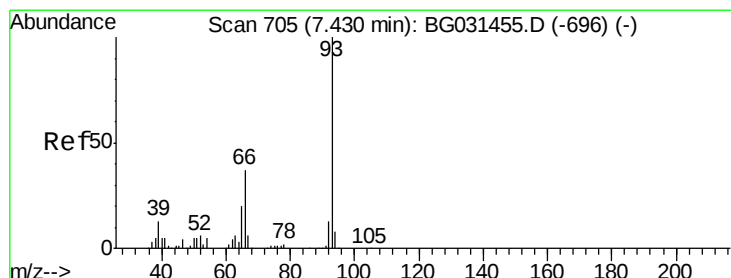
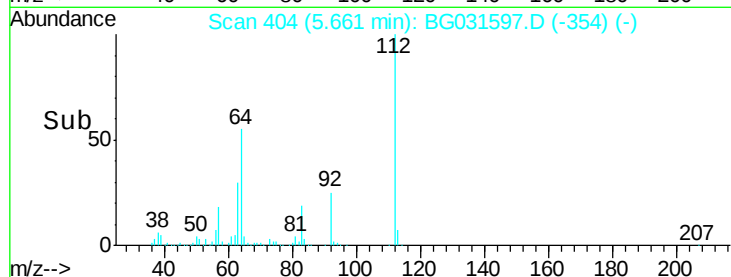
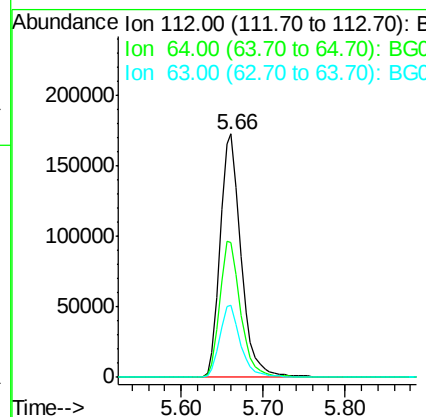
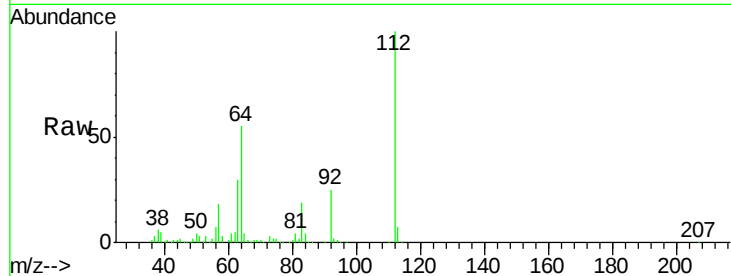
ClientSampleId :

PB105057BS

Tgt Ion:	112	Resp:	308849
Ion Ratio	Lower	Upper	
112	100		
64	55.3	56.3	84.5#
63	29.5	30.1	45.1#

Manual Integrations
APPROVED

Sohil
12/18/2017 2:06:07 PM



#6

Aniline

Concen: 15.973 ng

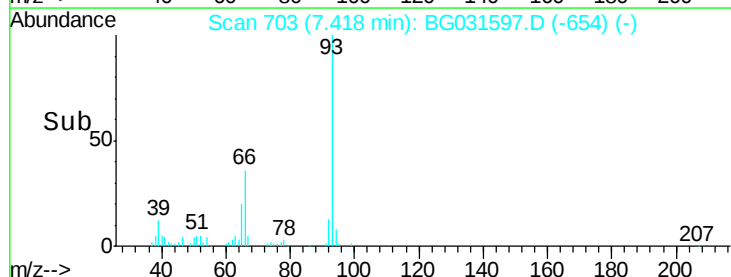
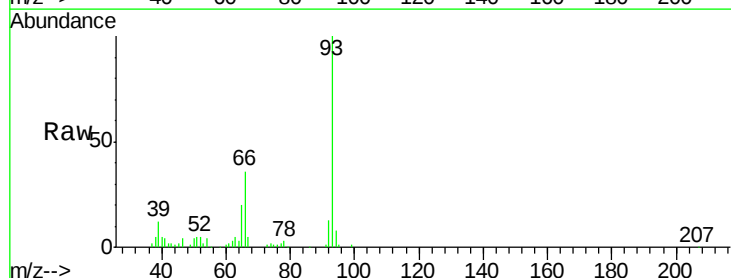
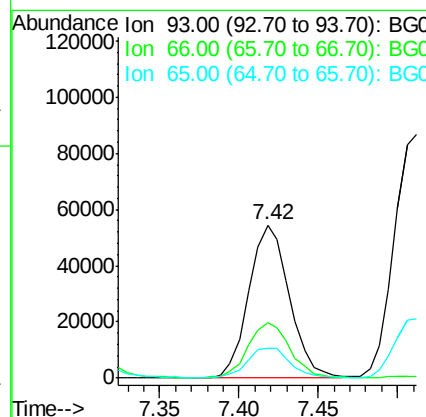
RT: 7.42 min Scan# 703

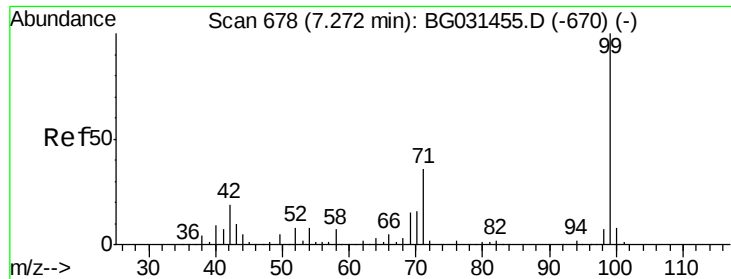
Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

Tgt Ion:	93	Resp:	96790
Ion Ratio	Lower	Upper	
93	100		
66	35.9	33.7	50.5
65	19.6	16.1	24.1





#7

Phenol-d6

Concen: 86.422 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

Instrument :

BNA_G

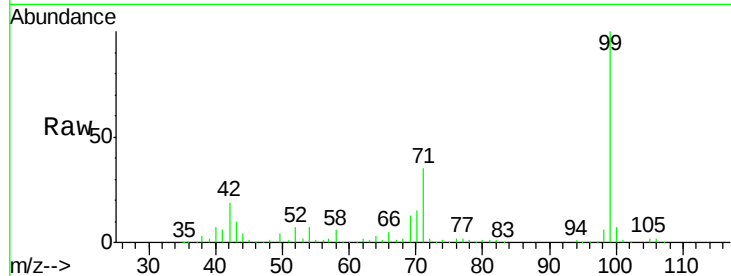
ClientSampled :

PB105057BS

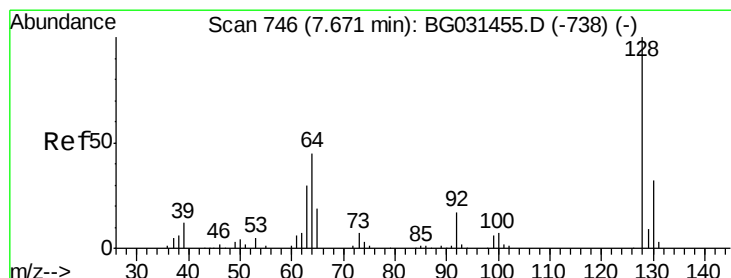
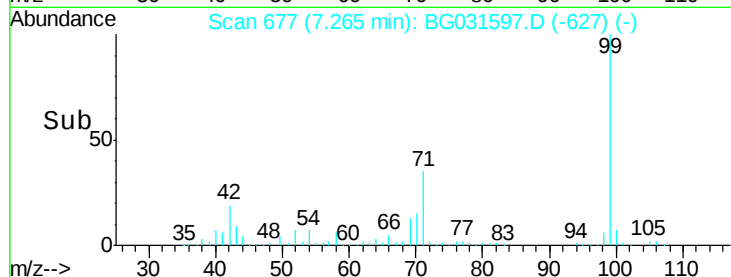
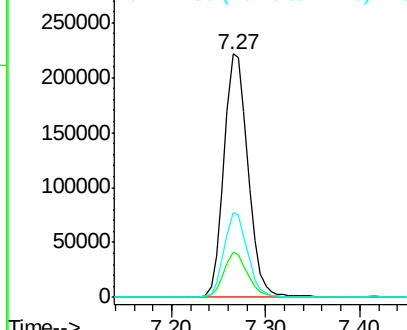
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
99	100		397639		
42	18.5	14.1	21.1		
71	35.1	26.1	39.1		

Manual Integrations
APPROVED

Sohil
12/18/2017 2:06:07 PM



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 44.552 ng

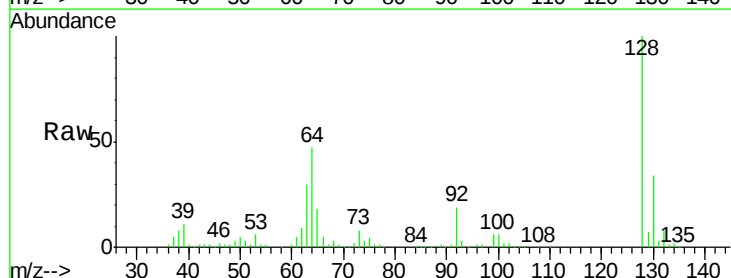
RT: 7.66 min Scan# 745

Delta R.T. -0.01 min

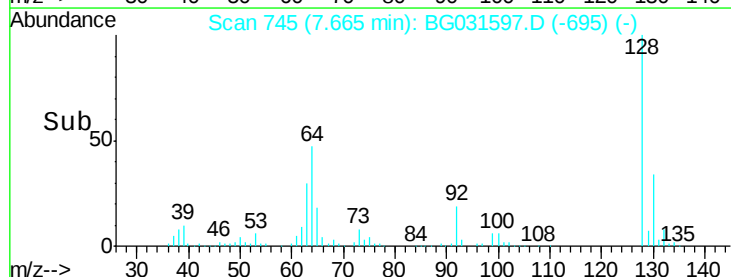
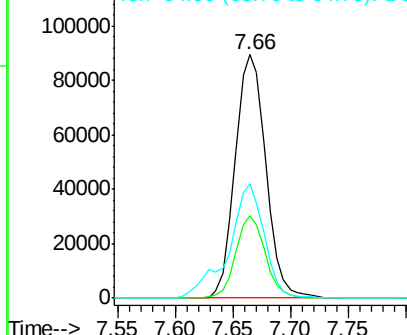
Lab File: BG031597.D

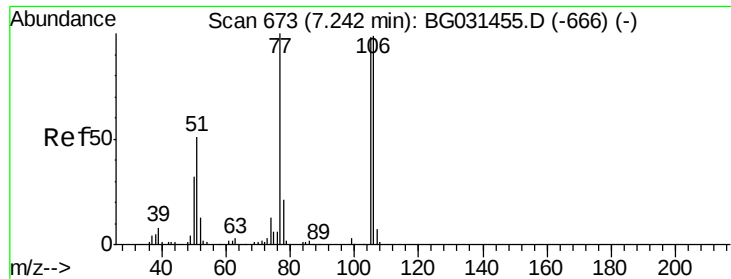
Acq: 15 Dec 2017 20:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		164710		
130	33.8	14.0	54.0		
64	47.1	37.7	77.7		



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 35.346 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

Instrument :

BNA_G

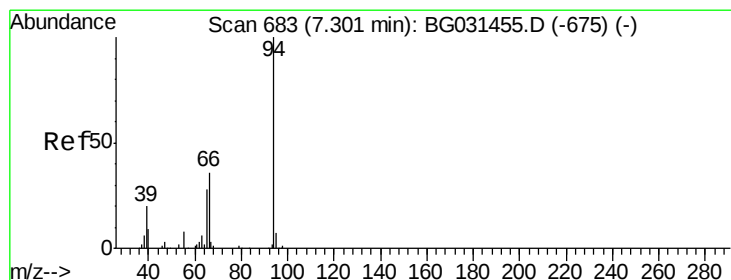
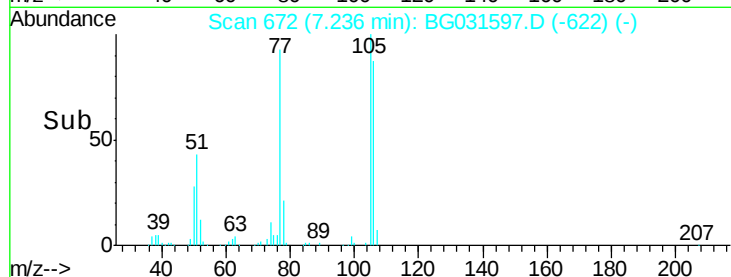
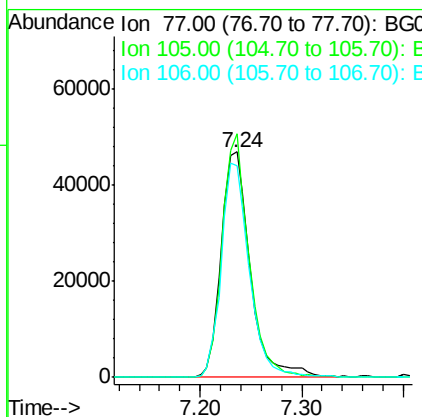
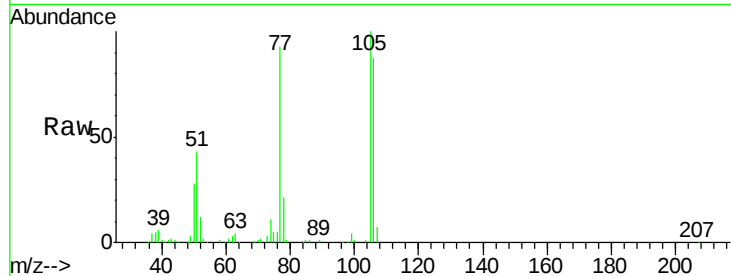
ClientSampleId :

PB105057BS

Tgt Ion	Ratio	Lower	Upper
77	100		
105	107.9	71.3	111.3
106	93.6	64.2	104.2

Manual Integrations
APPROVED

Sohil
12/18/2017 2:06:07 PM



#10

Phenol

Concen: 45.154 ng

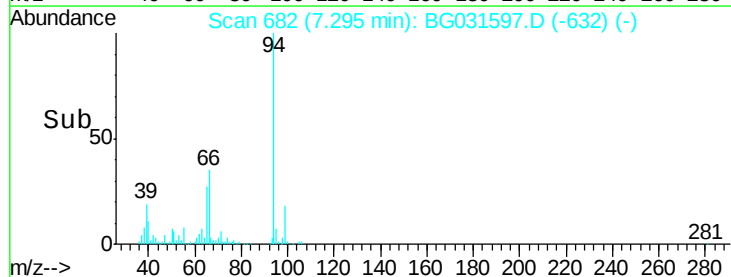
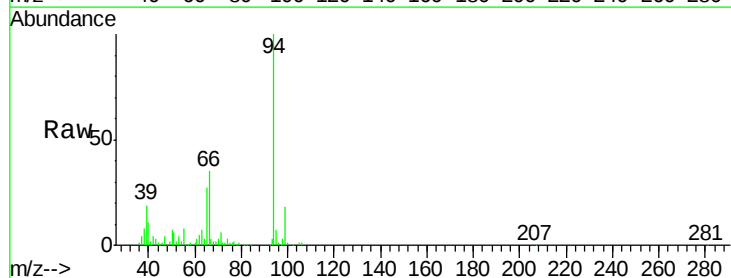
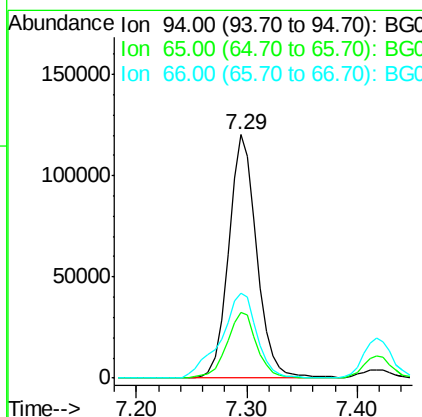
RT: 7.29 min Scan# 682

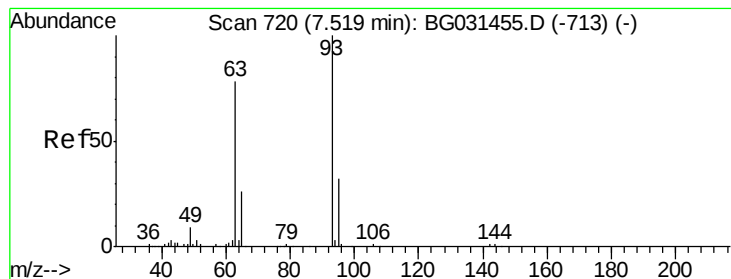
Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.9	11.9	51.9
66	35.1	22.2	62.2





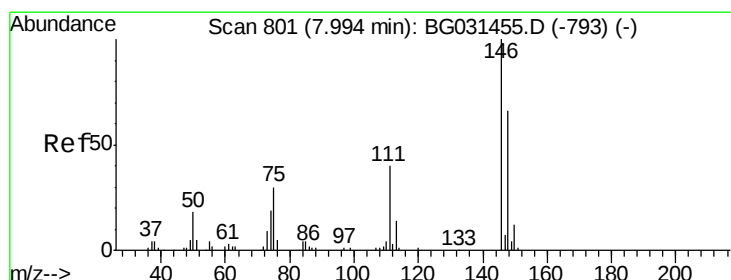
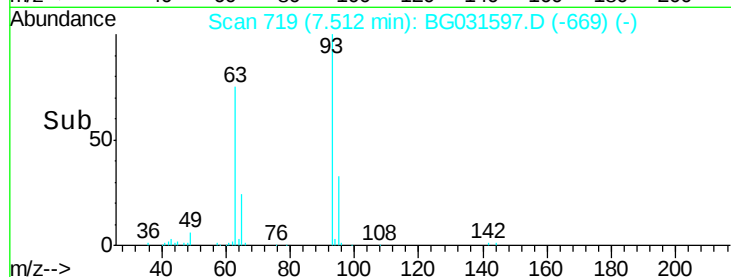
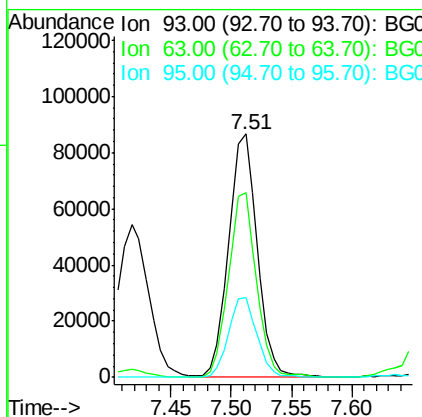
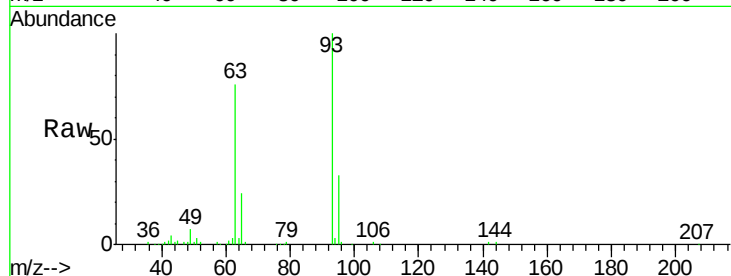
#11
bis(2-Chloroethyl)ether
Concen: 36.910 ng
RT: 7.51 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

Instrument :
BNA_G
ClientSampleId :
PB105057BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	142390		
63	75.8	67.1	107.1	
95	32.7	11.5	51.5	

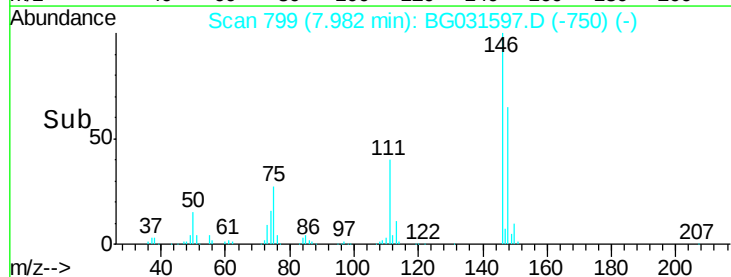
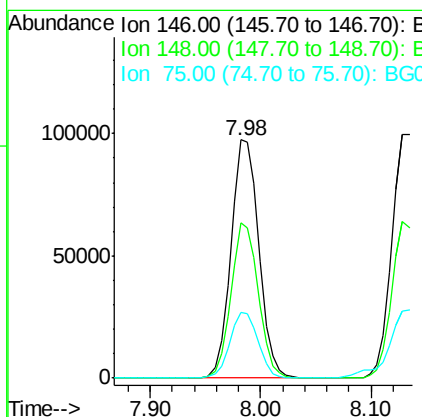
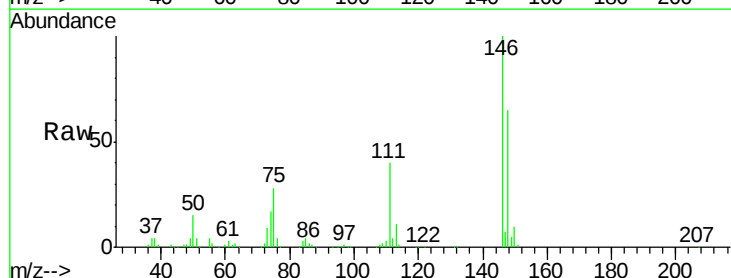
Manual Integrations
APPROVED

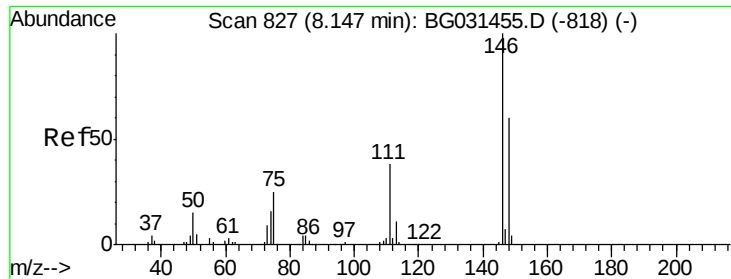
Sohil
12/18/2017 2:06:07 PM



#12
1,3-Dichlorobenzene
Concen: 39.218 ng
RT: 7.98 min Scan# 799
Delta R.T. -0.01 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	172421		
148	65.2	51.4	77.2	
75	27.6	26.6	39.8	





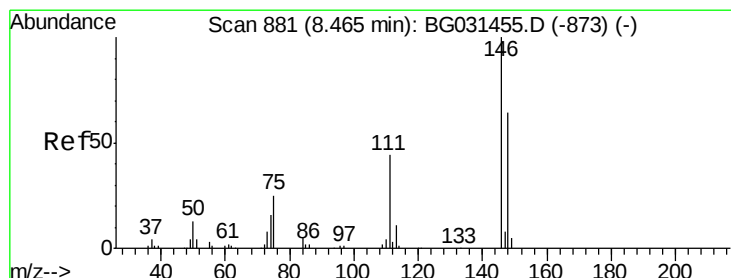
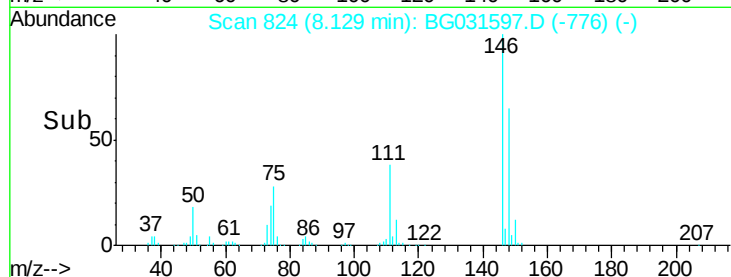
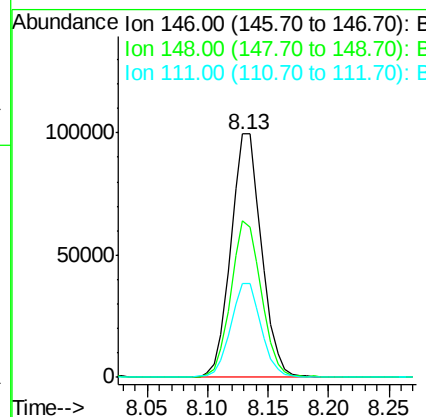
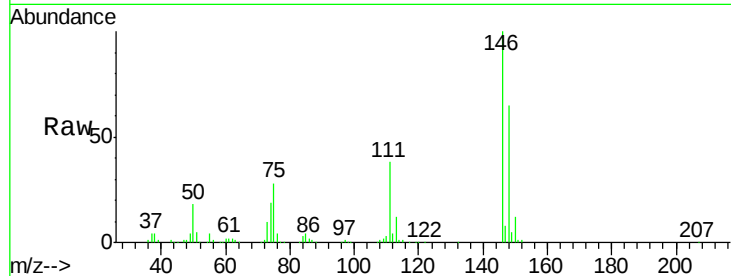
#13
 1,4-Dichlorobenzene
 Concen: 38.470 ng
 RT: 8.13 min Scan# 824
 Delta R.T. -0.02 min
 Lab File: BG031597.D
 Acq: 15 Dec 2017 20:51

Instrument :
 BNA_G
 ClientSampleId :
 PB105057BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	175779		
148	64.6	53.7	80.5	
111	38.3	35.2	52.8	

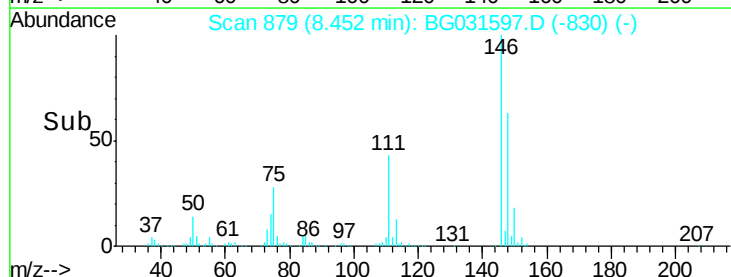
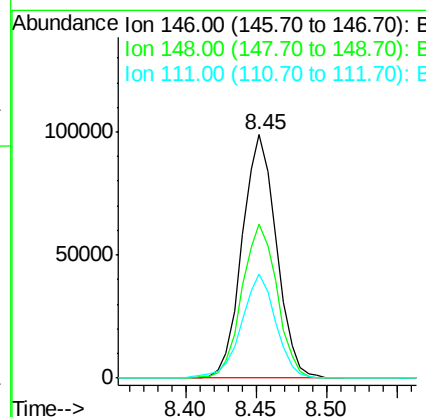
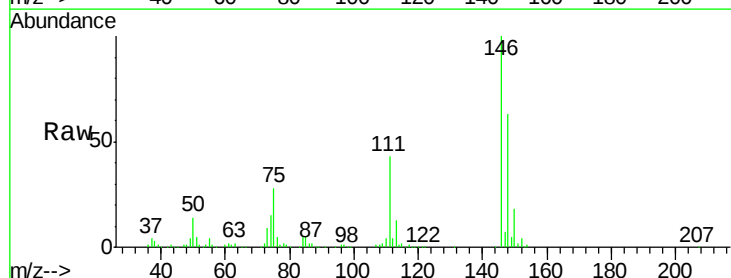
Manual Integrations
 APPROVED

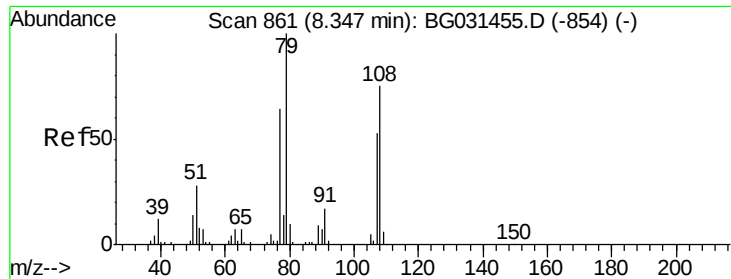
Sohil
 12/18/2017 2:06:07 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.548 ng
 RT: 8.45 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BG031597.D
 Acq: 15 Dec 2017 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	167785		
148	63.3	49.3	73.9	
111	42.6	34.3	51.5	





#15

Benzyl Alcohol

Concen: 38.370 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

Instrument :

BNA_G

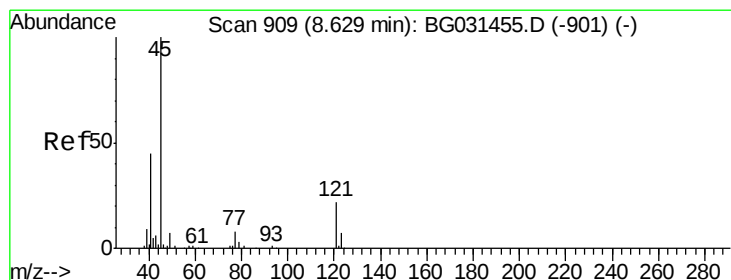
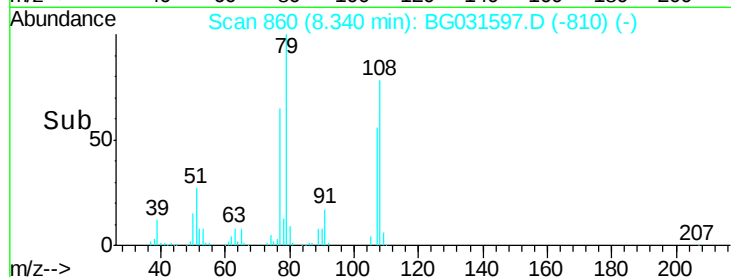
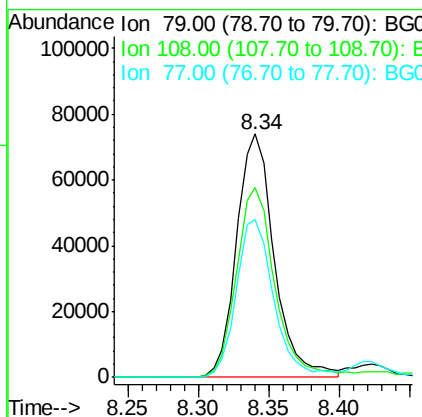
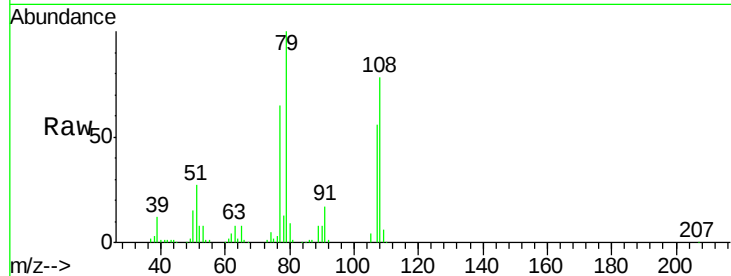
ClientSampled :

PB105057BS

Tgt Ion:	79	Resp:	138106
Ion Ratio	Lower	Upper	
79	100		
108	77.9	57.2	85.8
77	65.0	46.1	69.1

Manual Integrations
APPROVED

Sohil
12/18/2017 2:06:07 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.881 ng

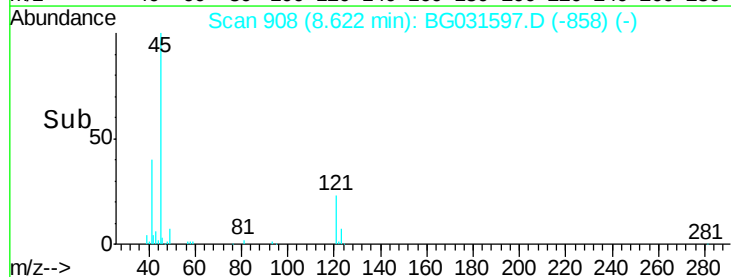
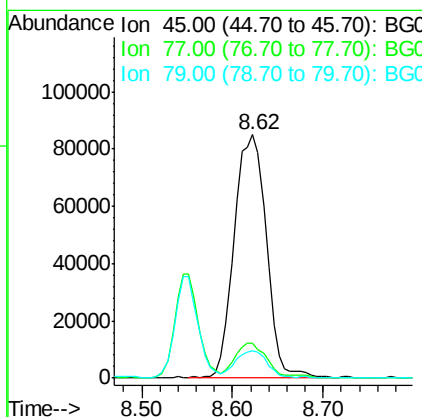
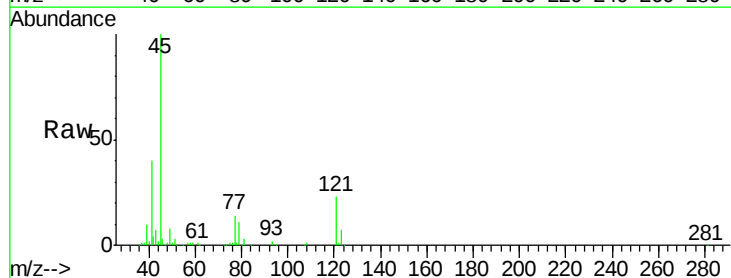
RT: 8.62 min Scan# 908

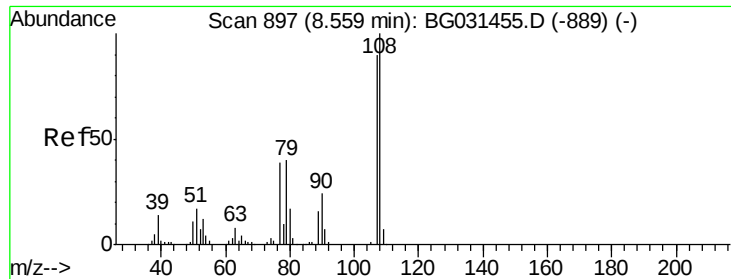
Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

Tgt Ion:	45	Resp:	207517
Ion Ratio	Lower	Upper	
45	100		
77	14.4	0.0	30.2
79	11.4	0.0	27.9





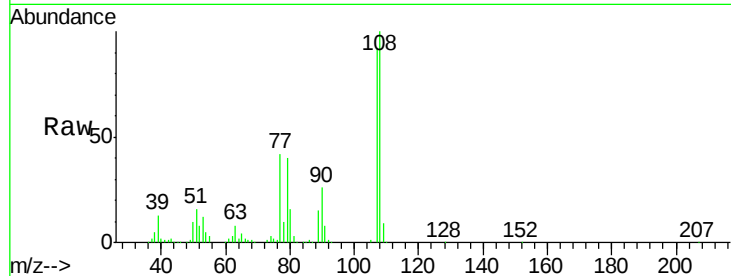
#17
2-Methylphenol
Concen: 43.784 ng
RT: 8.55 min Scan# 895
Delta R.T. -0.01 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

Instrument :
BNA_G
ClientSampled :
PB105057BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	141071		
108	109.3	83.9	125.9	
77	45.4	37.2	55.8	
79	44.0	36.2	54.2	

Manual Integrations
APPROVED

Sohil
12/18/2017 2:06:07 PM



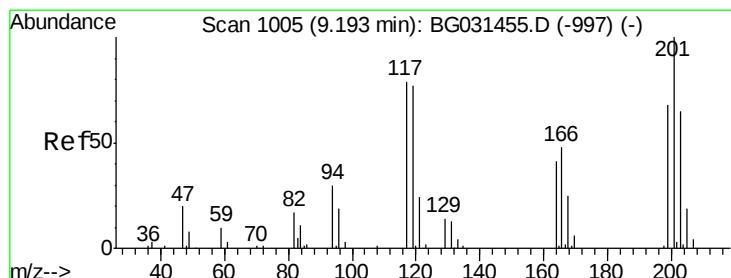
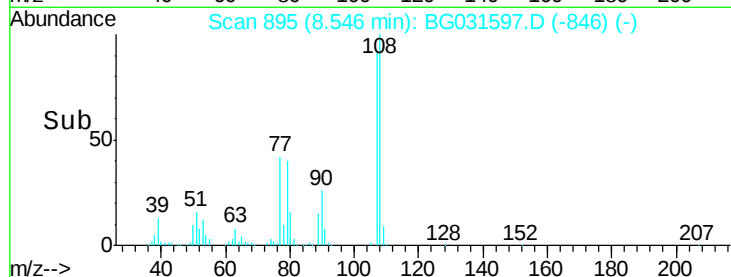
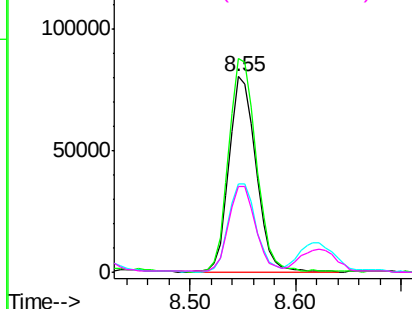
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

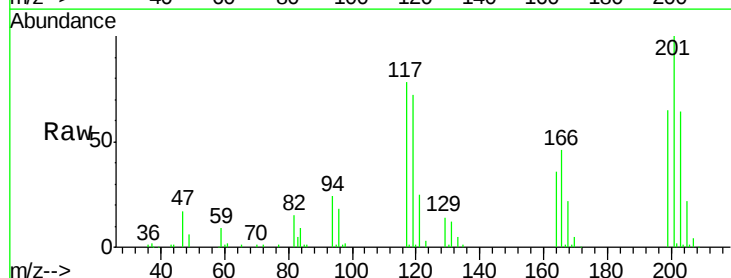
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 39.193 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	60365		
119	91.9	76.7	115.1	
201	128.4	95.7	143.5	

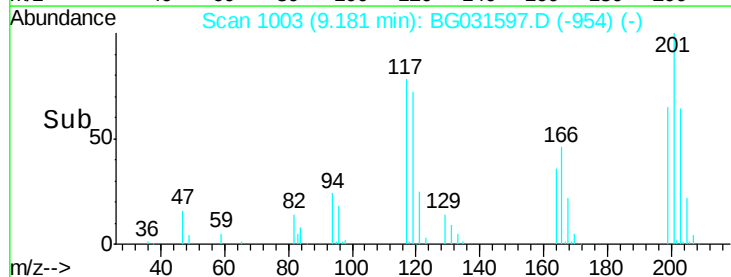
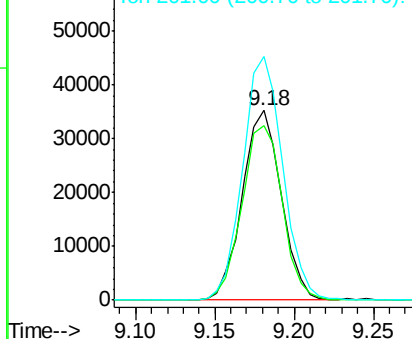


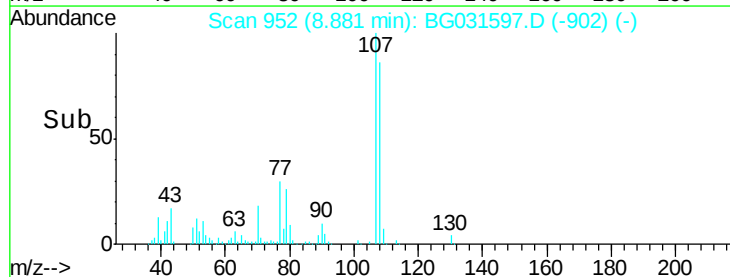
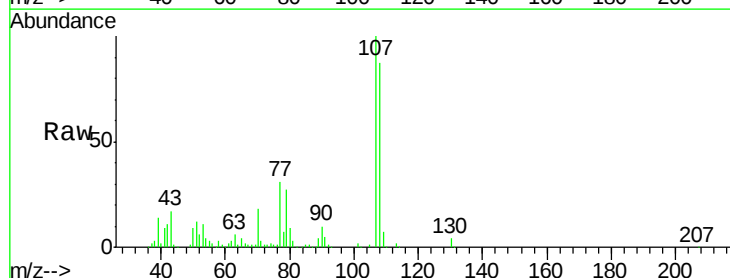
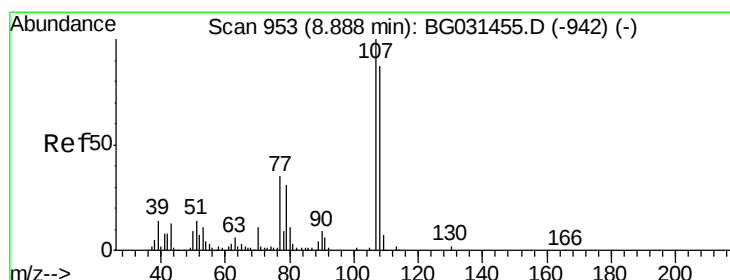
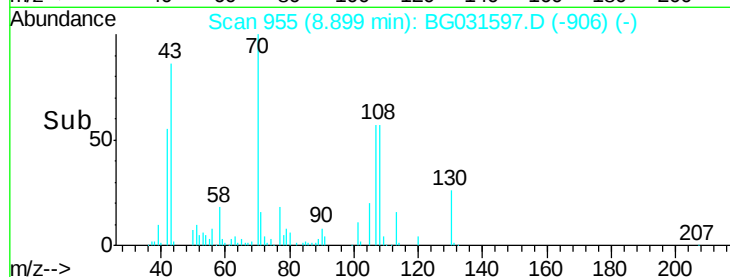
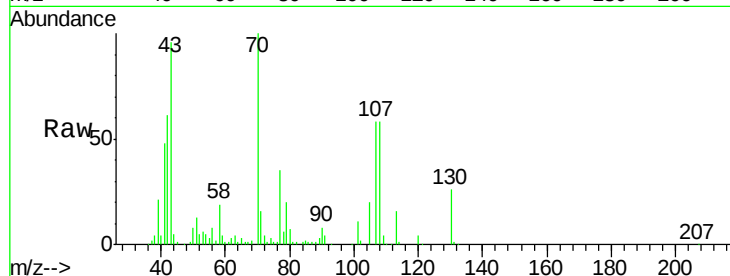
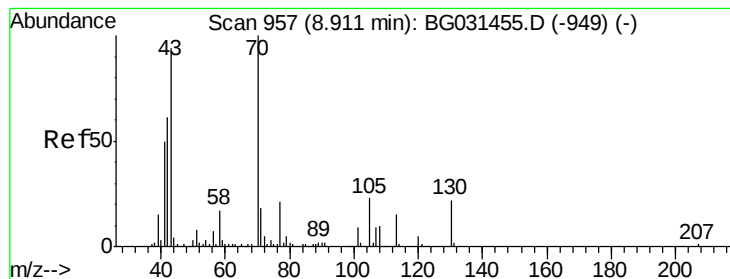
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 31.476 ng

RT: 8.90 min Scan# 955

Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

Tgt Ion	Ratio	Lower	Upper
70	100		
42	60.9	49.1	73.7
101	11.0	8.5	12.7
130	25.8	13.4	20.0#

Instrument :

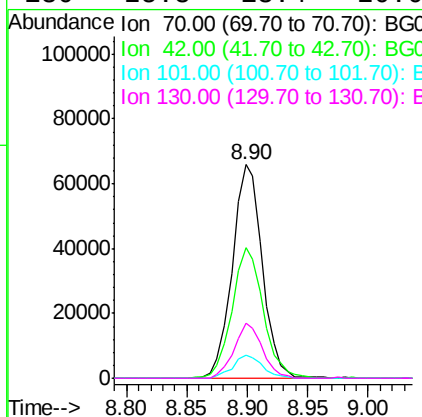
BNA_G

ClientSampleId :

PB105057BS

Manual Integrations
APPROVED

Sohil
12/18/2017 2:06:07 PM



#20

3+4-Methylphenols

Concen: 40.481 ng

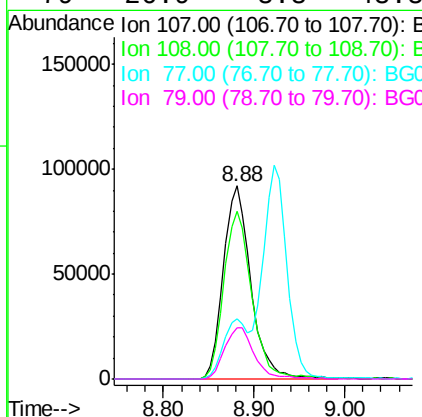
RT: 8.88 min Scan# 952

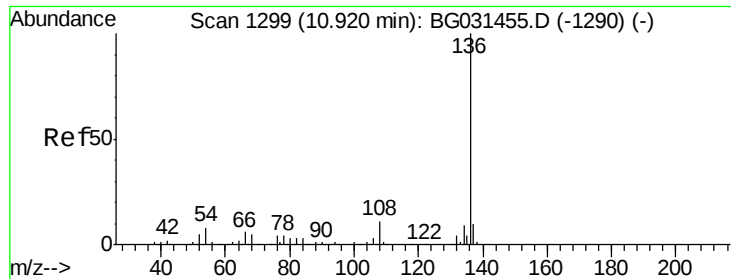
Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.8	61.6	101.6
77	31.0	13.9	53.9
79	26.9	8.8	48.8





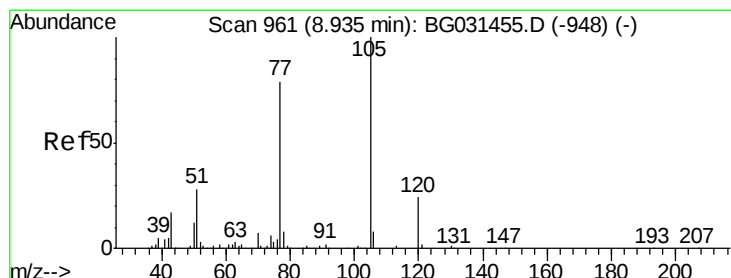
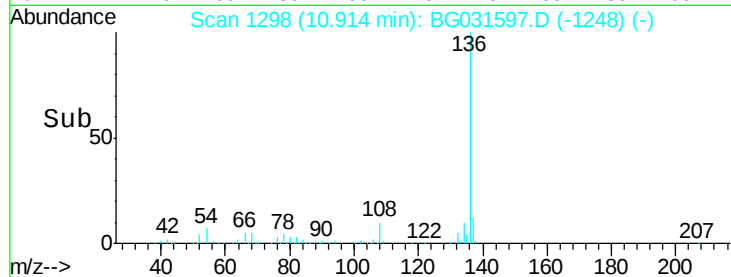
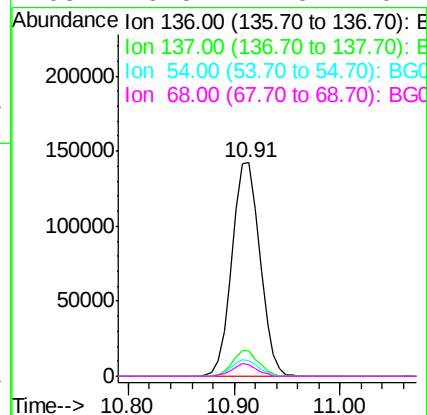
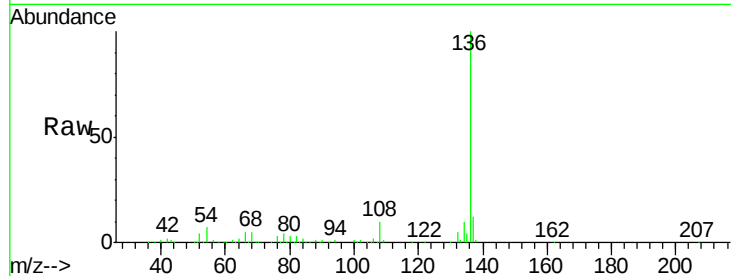
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

Instrument :
BNA_G
ClientSampleId :
PB105057BS

Tgt	Ion	Ratio	Resp	Lower	Upper
136	100		260043		
137	11.7		9.2	13.8	
54	7.0		10.3	15.5	
68	5.3		4.5	6.7	

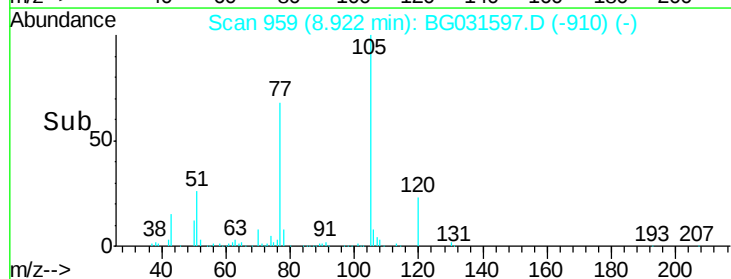
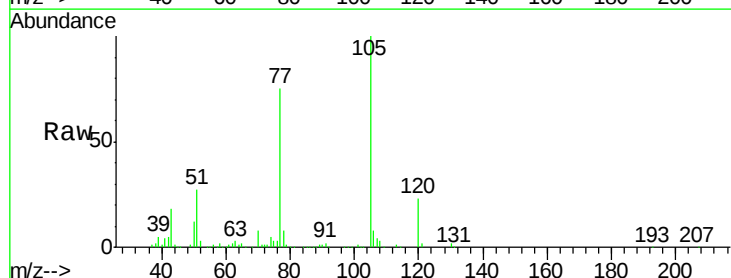
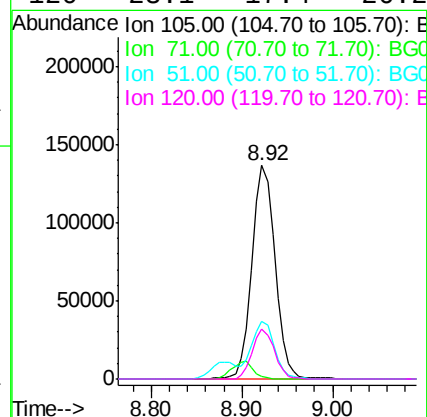
Manual Integrations
APPROVED

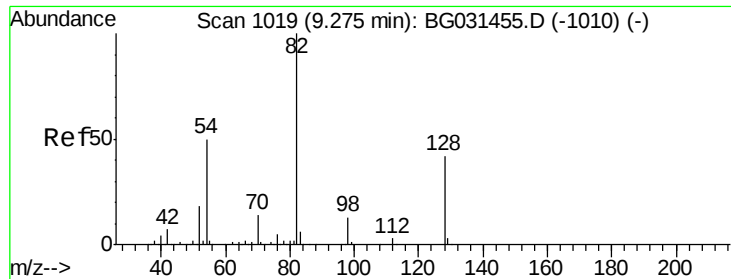
Sohil
12/18/2017 2:06:07 PM



#22
Acetophenone
Concen: 38.962 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

Tgt	Ion	Ratio	Resp	Lower	Upper
105	100		243063		
71	1.1		3.0	4.4	
51	26.7		26.1	39.1	
120	23.1		17.4	26.2	





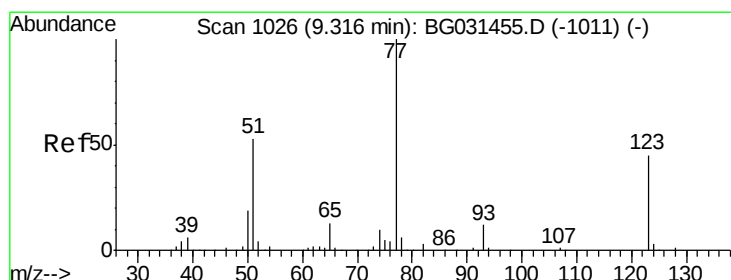
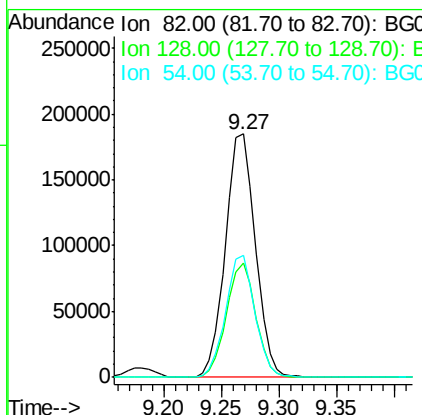
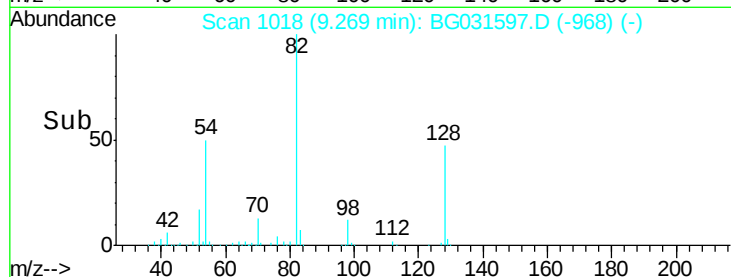
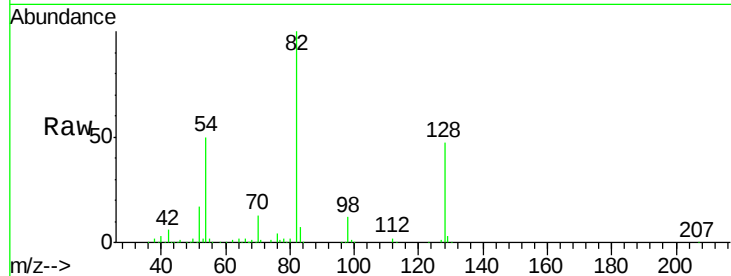
#23
 Nitrobenzene-d5
 Concen: 79.216 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BG031597.D
 Acq: 15 Dec 2017 20:51

Instrument :
 BNA_G
 ClientSampleID :
 PB105057BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.8	29.7	44.5#
54	49.9	43.1	64.7

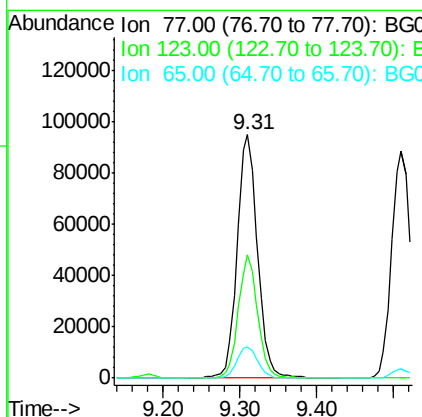
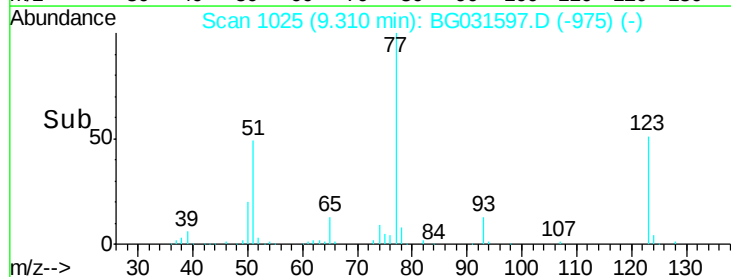
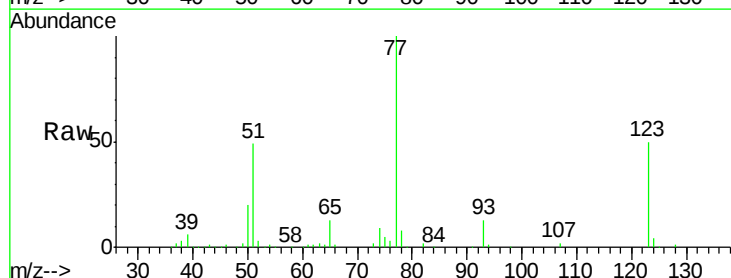
Manual Integrations
 APPROVED

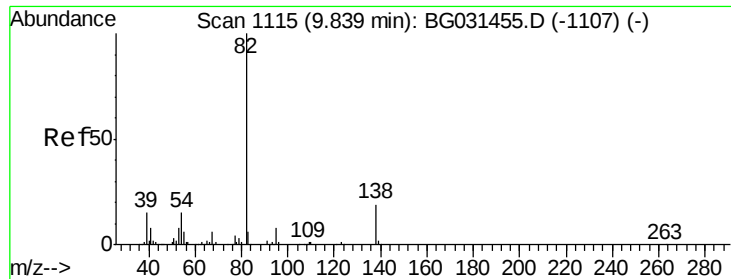
Sohil
 12/18/2017 2:06:07 PM



#24
 Nitrobenzene
 Concen: 40.671 ng
 RT: 9.31 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG031597.D
 Acq: 15 Dec 2017 20:51

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.4	33.0	49.6#
65	12.5	13.0	19.6#





#25

Isophorone

Concen: 41.006 ng

RT: 9.83 min Scan# 1113

Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

Instrument :

BNA_G

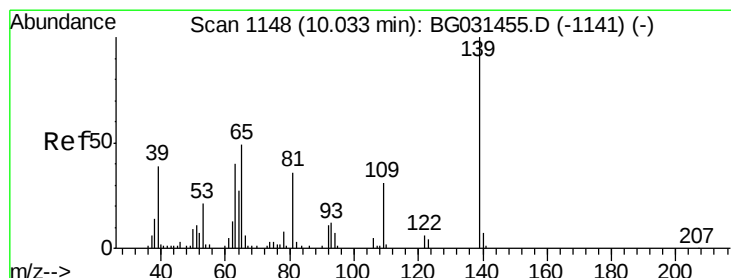
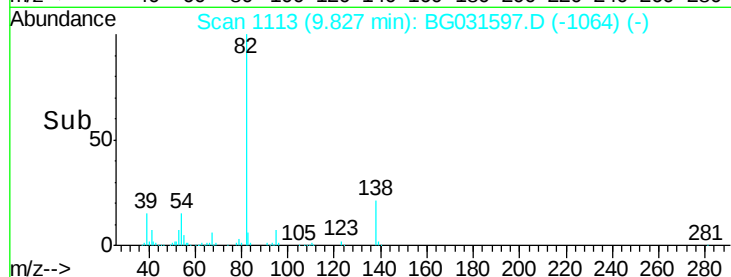
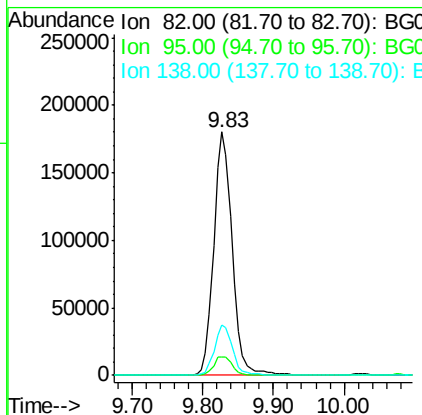
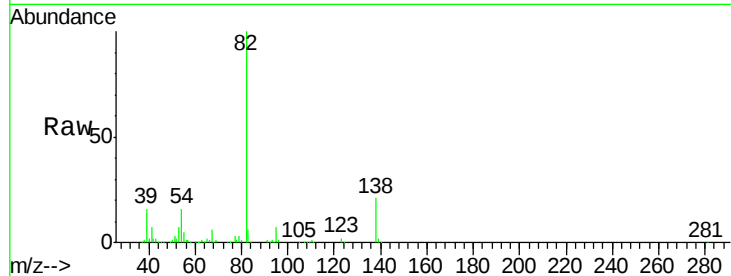
ClientSampleId :

PB105057BS

Tgt Ion:	82	Resp:	326946
Ion Ratio	Lower	Upper	
82	100		
95	7.3	6.2	9.2
138	20.7	12.1	18.1#

Manual Integrations
APPROVED

Sohil
12/18/2017 2:06:07 PM



#26

2-Nitrophenol

Concen: 44.615 ng

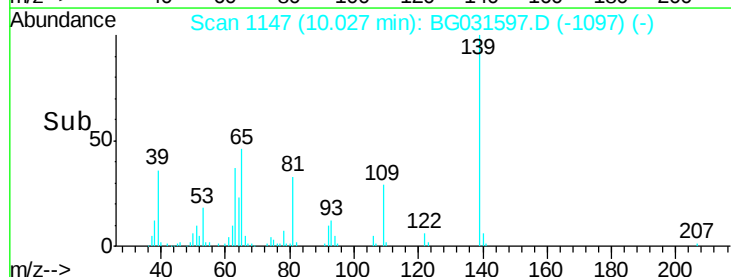
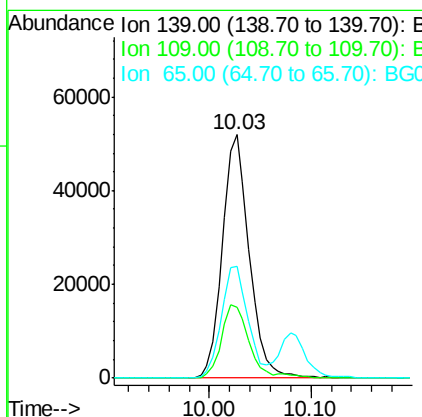
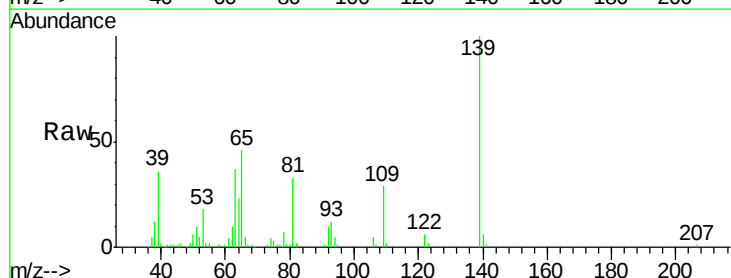
RT: 10.03 min Scan# 1147

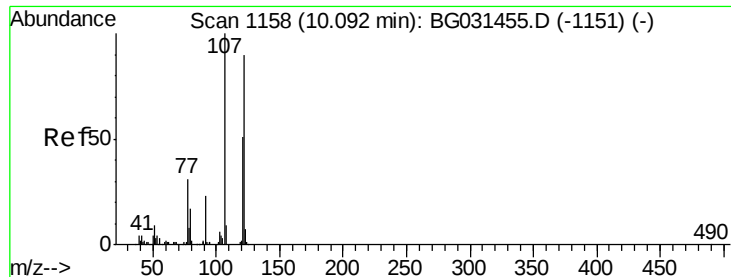
Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

Tgt Ion:	139	Resp:	95377
Ion Ratio	Lower	Upper	
139	100		
109	29.0	24.2	36.2
65	46.1	47.4	71.0#





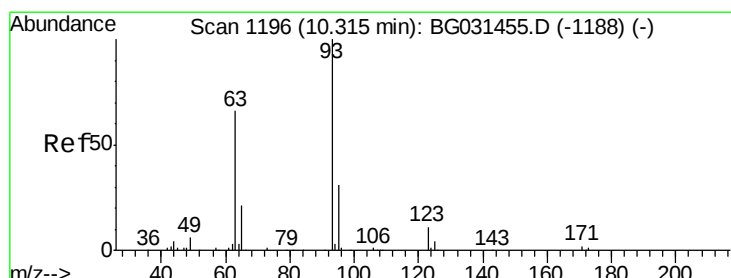
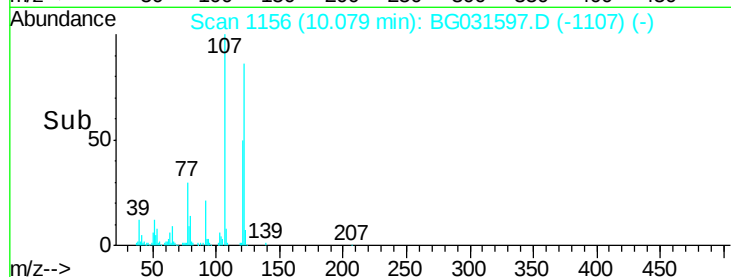
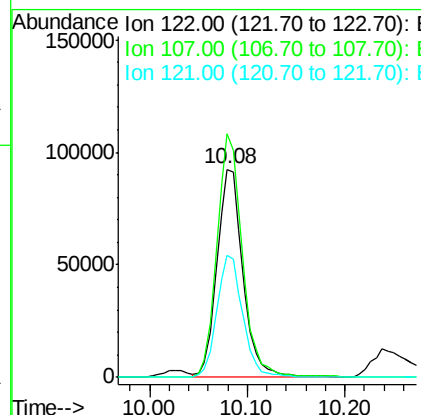
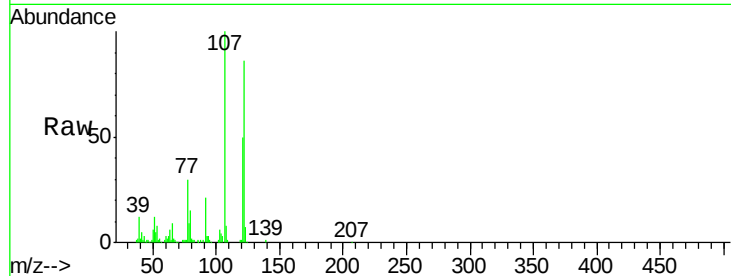
#27
 2,4-Dimethylphenol
 Concen: 51.949 ng
 RT: 10.08 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BG031597.D
 Acq: 15 Dec 2017 20:51

Instrument :
 BNA_G
 ClientSampleId :
 PB105057BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	116.9	100.2	150.2
121	58.4	44.4	66.6

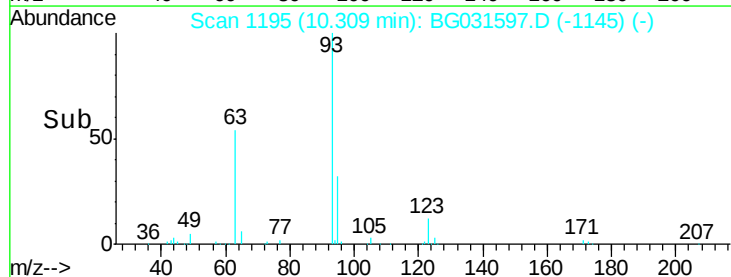
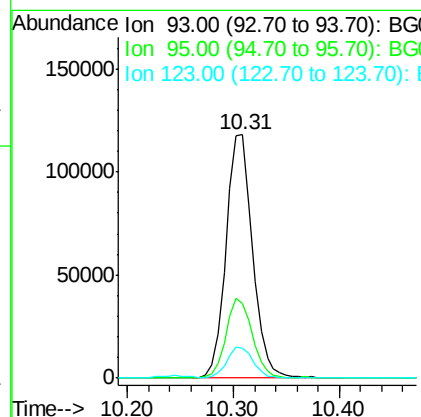
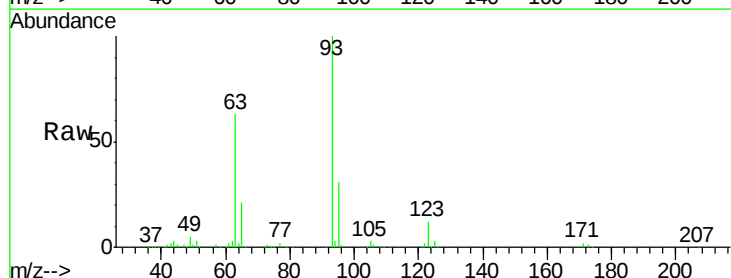
Manual Integrations
 APPROVED

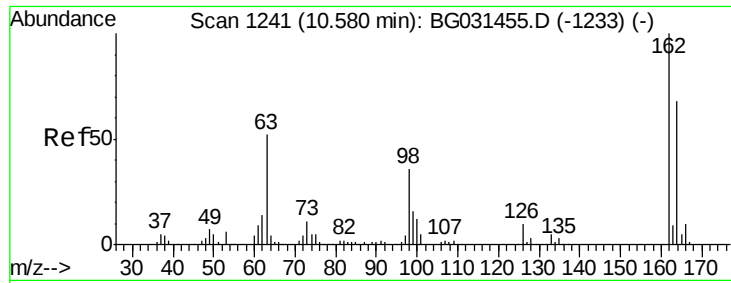
Sohil
 12/18/2017 2:06:07 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.983 ng
 RT: 10.31 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BG031597.D
 Acq: 15 Dec 2017 20:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.7	24.3	36.5
123	12.4	8.4	12.6





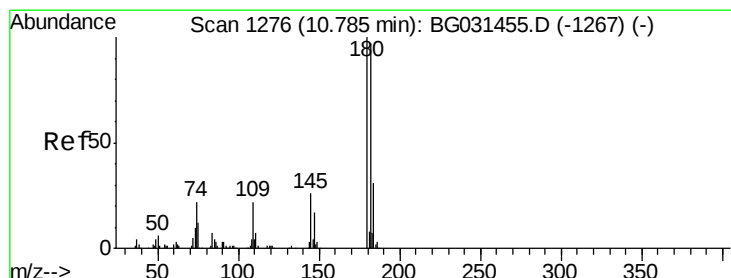
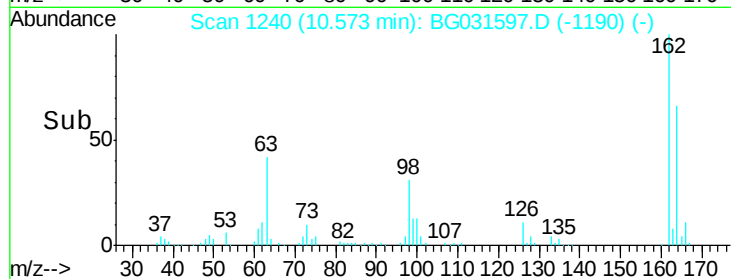
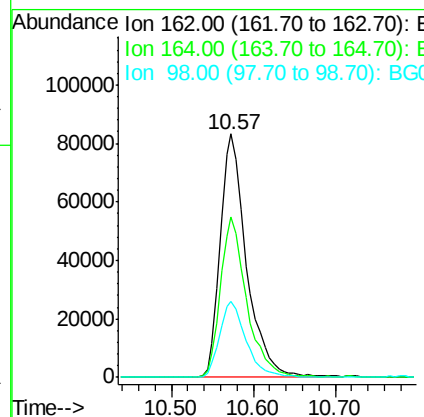
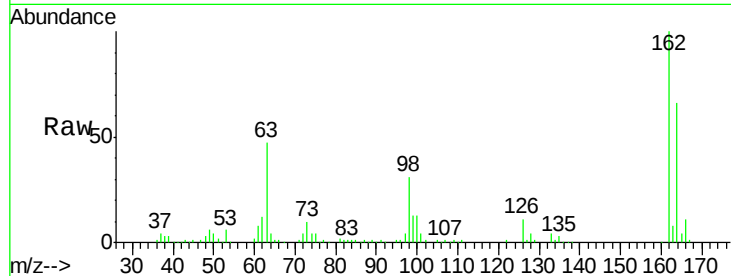
#29
 2,4-Dichlorophenol
 Concen: 48.803 ng
 RT: 10.57 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BG031597.D
 Acq: 15 Dec 2017 20:51

Instrument :
 BNA_G
 ClientSampled :
 PB105057BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	186723		
164	65.6	48.0	88.0	
98	31.4	21.1	61.1	

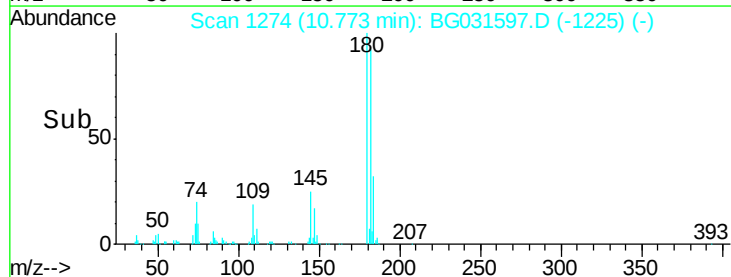
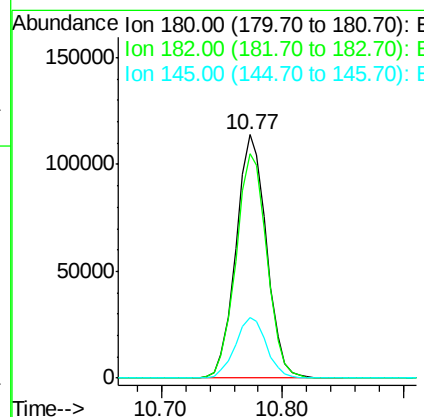
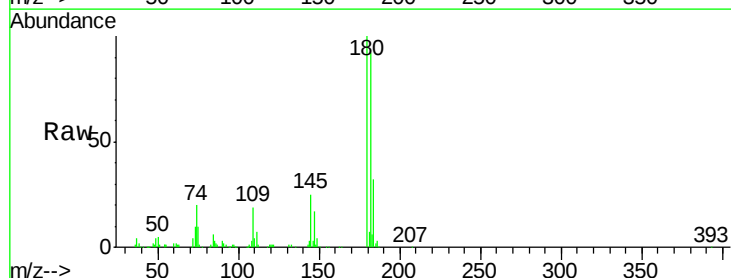
Manual Integrations
 APPROVED

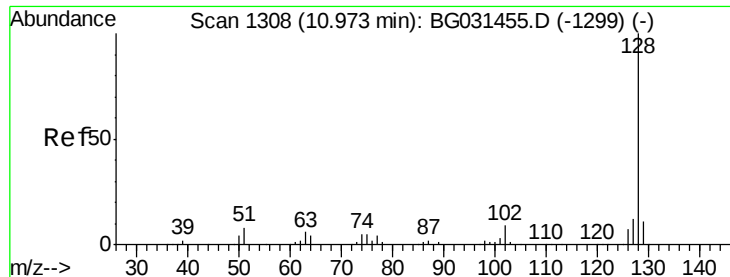
Sohil
 12/18/2017 2:06:07 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.833 ng
 RT: 10.77 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: BG031597.D
 Acq: 15 Dec 2017 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	199561		
182	92.1	77.5	116.3	
145	25.0	23.4	35.2	





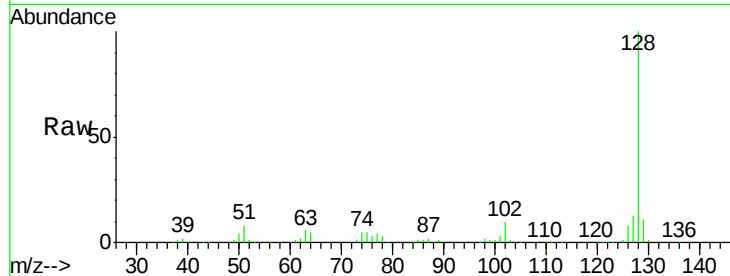
#31
Naphthalene
Concen: 38.505 ng
RT: 10.96 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

Instrument :
BNA_G
ClientSampleId :
PB105057BS

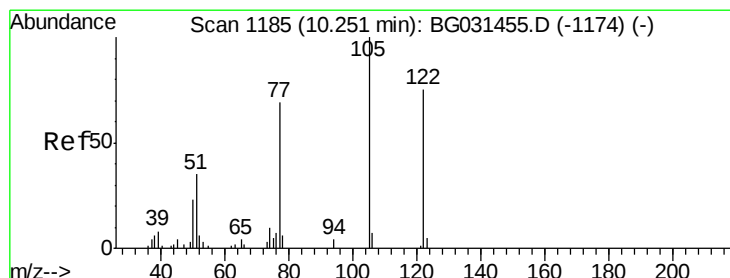
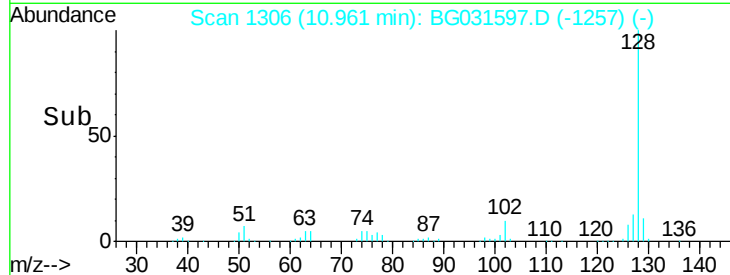
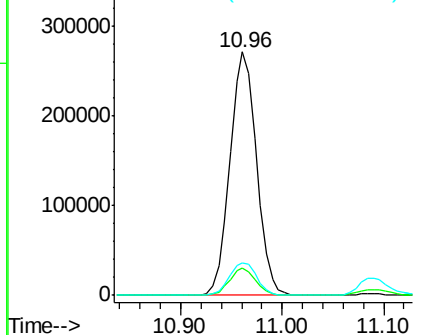
Tgt Ion	Ratio	Resp	Lower	Upper
128	100	491912		
129	11.4	8.6	12.8	
127	13.3	11.6	17.4	

Manual Integrations
APPROVED

Sohil
12/18/2017 2:06:07 PM

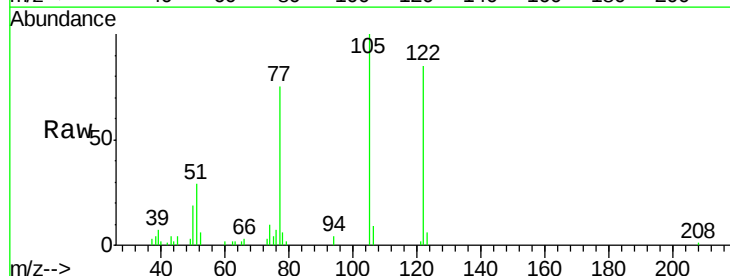


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

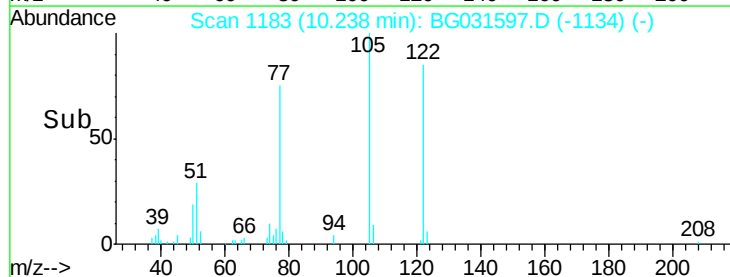
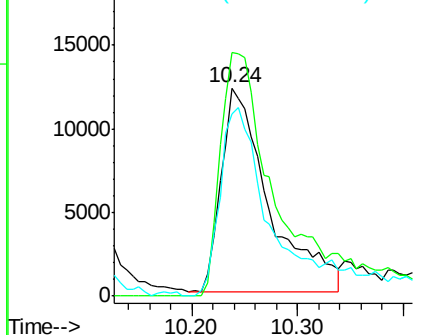


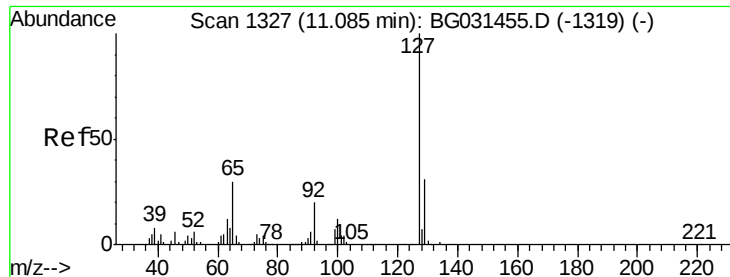
#32
Benzoic acid
Concen: 26.633 ng
RT: 10.24 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	38384		
105	117.2	123.5	163.5#	
77	87.6	85.7	125.7	



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





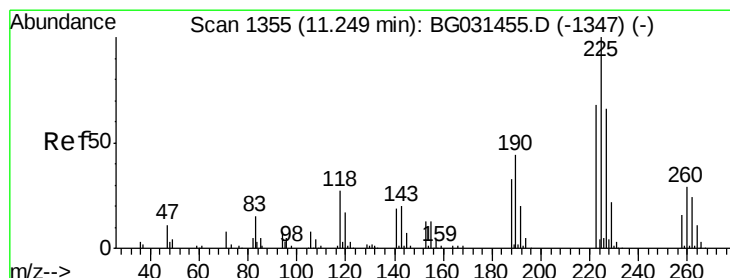
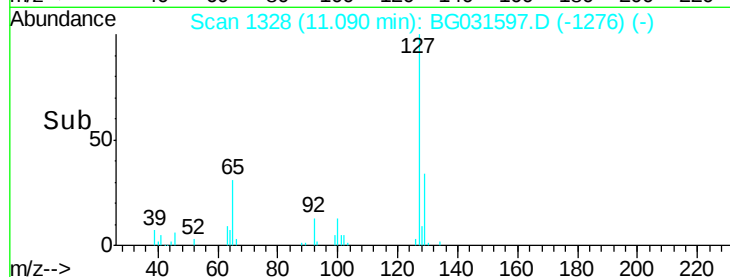
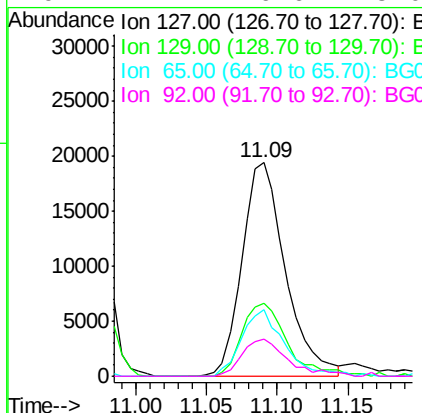
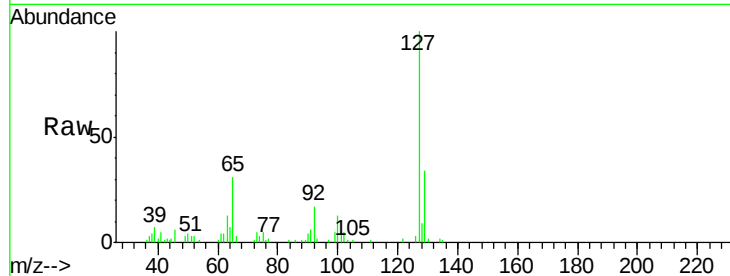
#33
4-Chloroaniline
Concen: 7.527 ng
RT: 11.09 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

Instrument :
BNA_G
ClientSampleId :
PB105057BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	41750		
129	34.1	24.0	36.0	
65	31.2	27.0	40.4	
92	17.1	16.6	25.0	

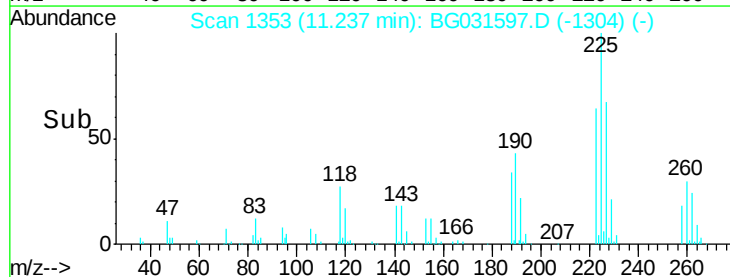
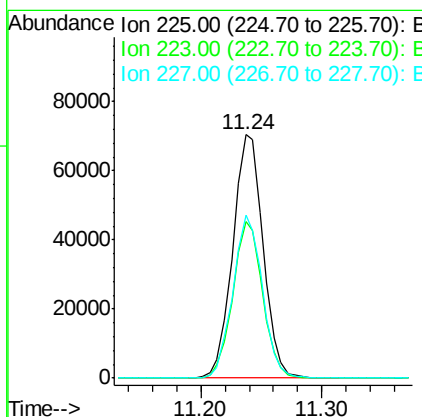
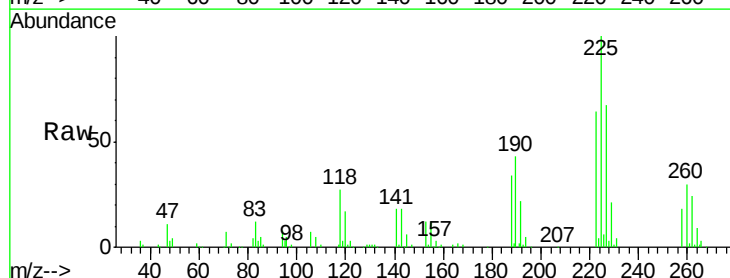
Manual Integrations
APPROVED

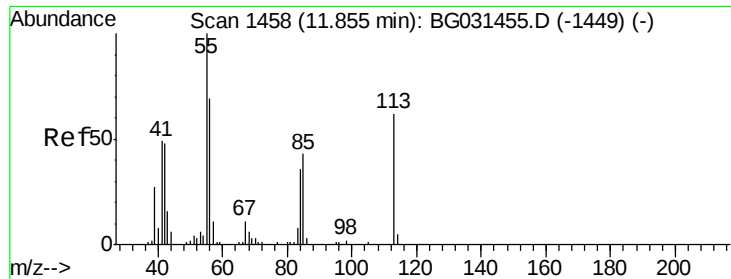
Sohil
12/18/2017 2:06:07 PM



#34
Hexachlorobutadiene
Concen: 37.946 ng
RT: 11.24 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	123015		
223	64.1	49.7	74.5	
227	66.7	48.1	72.1	





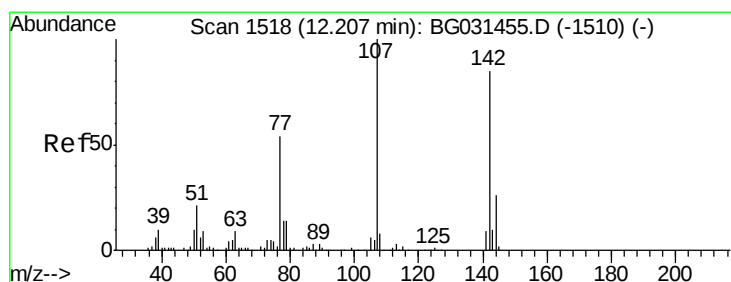
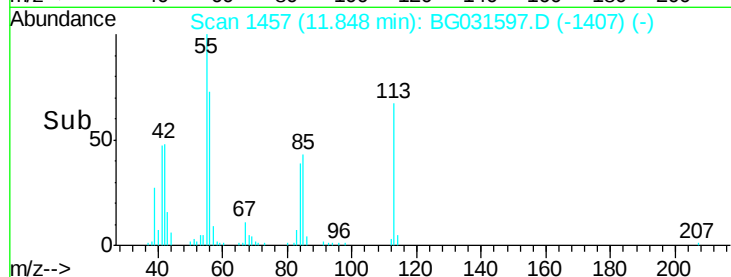
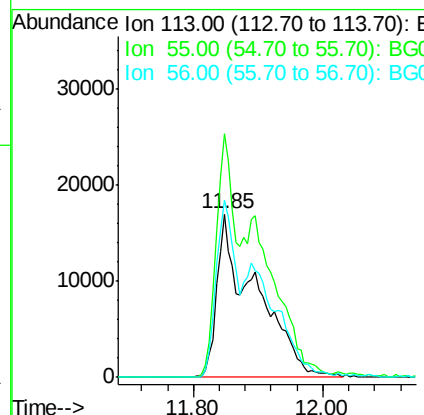
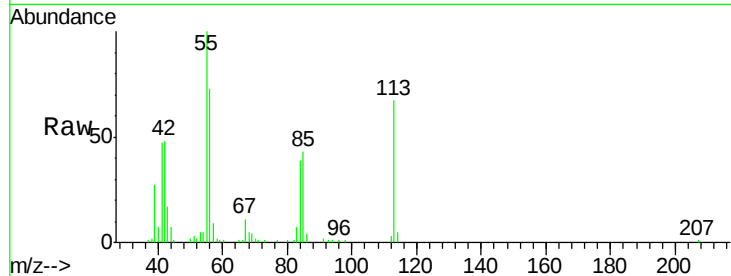
#35
 Caprolactam
 Concen: 46.598 ng m
 RT: 11.85 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BG031597.D
 Acq: 15 Dec 2017 20:51

Instrument :
 BNA_G
 ClientSampleId :
 PB105057BS

Tgt Ion:113 Resp: 70007
 Ion Ratio Lower Upper
 113 100
 55 148.9 186.9 226.9#
 56 108.3 130.9 170.9#

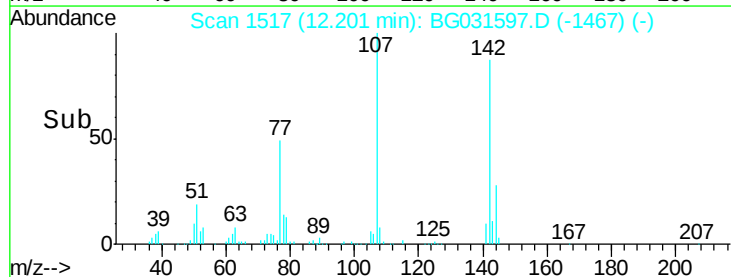
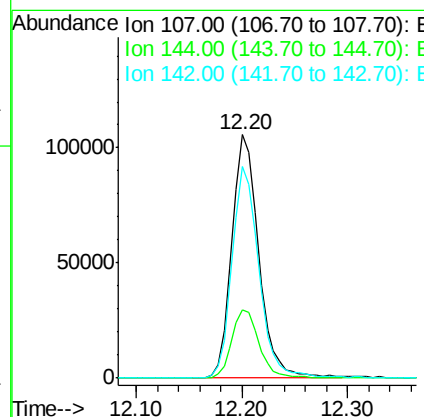
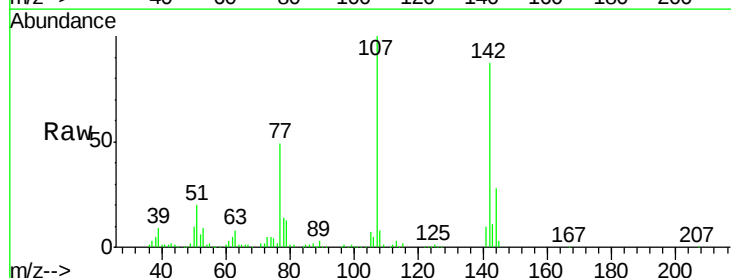
Manual Integrations
 APPROVED

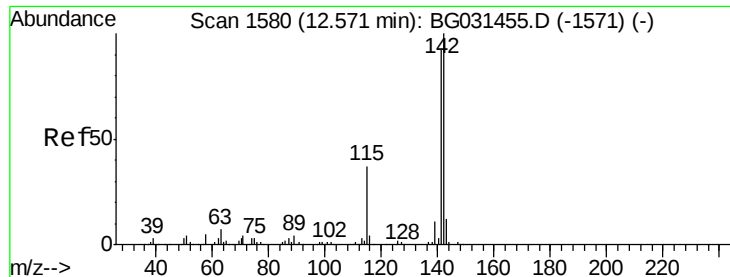
Sohil
 12/18/2017 2:06:07 PM



#36
 4-Chloro-3-methylphenol
 Concen: 42.801 ng
 RT: 12.20 min Scan# 1517
 Delta R.T. -0.01 min
 Lab File: BG031597.D
 Acq: 15 Dec 2017 20:51

Tgt Ion:107 Resp: 186926
 Ion Ratio Lower Upper
 107 100
 144 28.0 18.2 27.4#
 142 86.7 59.0 88.4





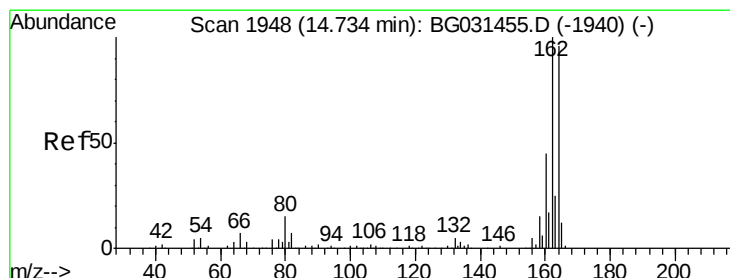
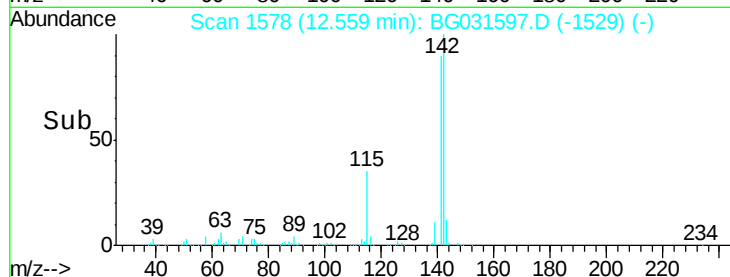
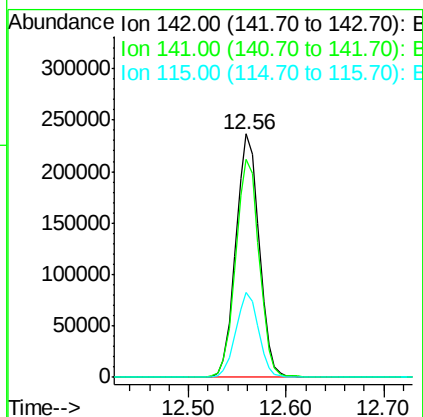
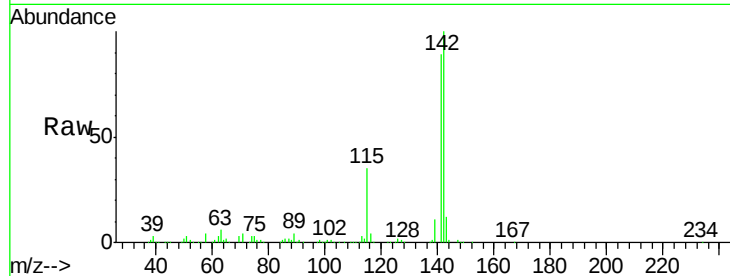
#37
2-Methylnaphthalene
Concen: 39.708 ng
RT: 12.56 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

Instrument :
BNA_G
ClientSampleId :
PB105057BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	392771		
141	89.4	67.1	100.7	
115	34.9	30.7	46.1	

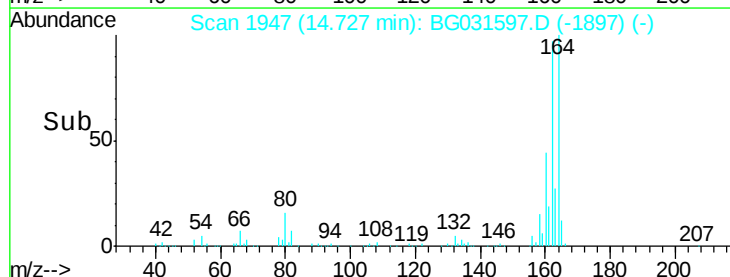
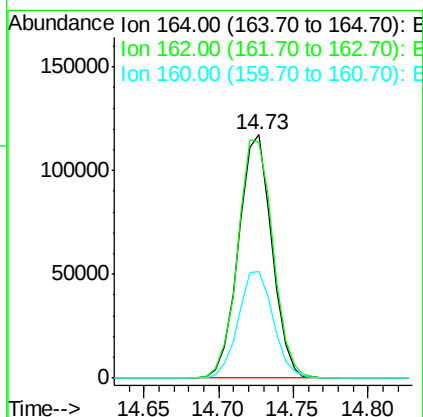
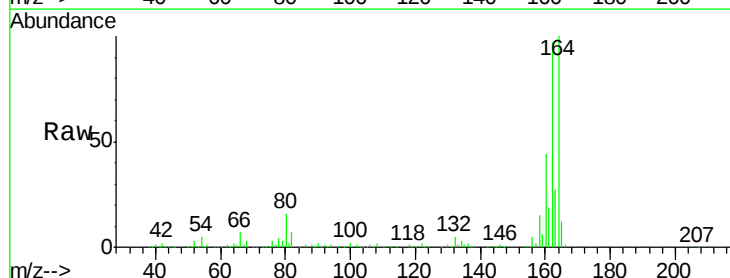
Manual Integrations
APPROVED

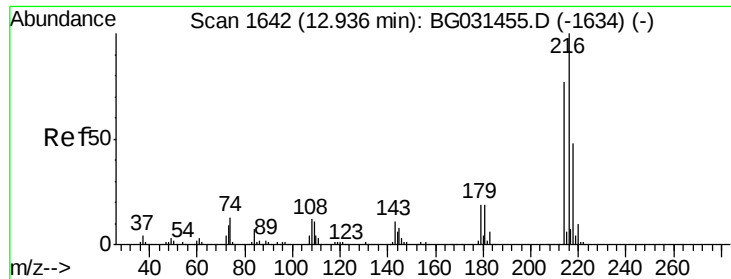
Sohil
12/18/2017 2:06:07 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	180780		
162	96.9	78.8	118.2	
160	43.6	35.4	53.0	





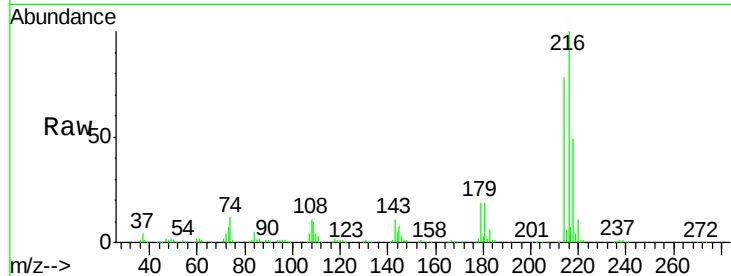
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.073 ng
 RT: 12.93 min Scan# 1641
 Delta R.T. -0.01 min
 Lab File: BG031597.D
 Acq: 15 Dec 2017 20:51

Instrument :
 BNA_G
 ClientSampleID :
 PB105057BS

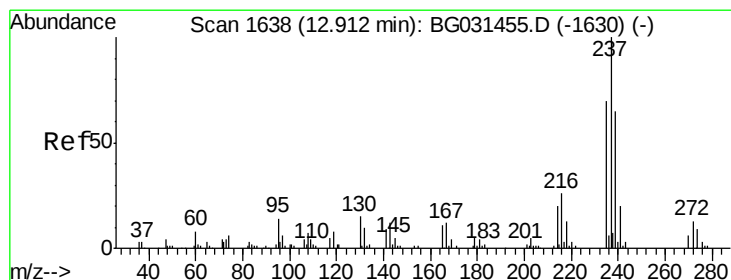
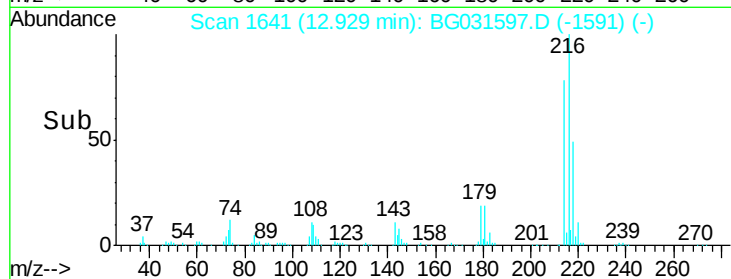
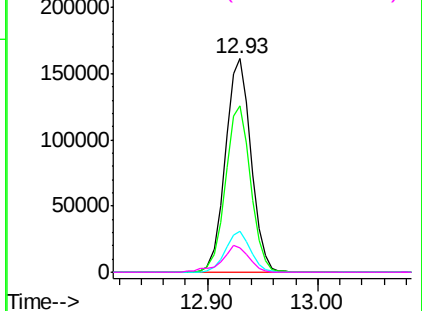
Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.9	63.0	94.4
179	18.8	17.0	25.6
108	13.2	12.8	19.2

Manual Integrations
 APPROVED

Sohil
 12/18/2017 2:06:07 PM

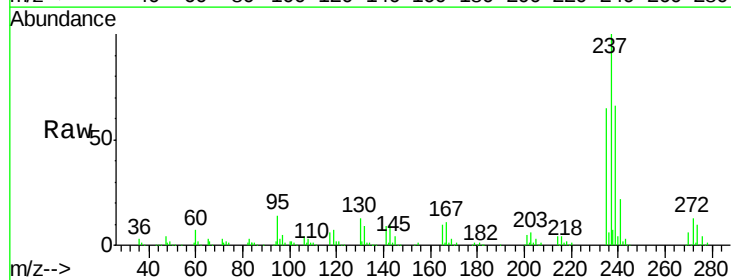


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

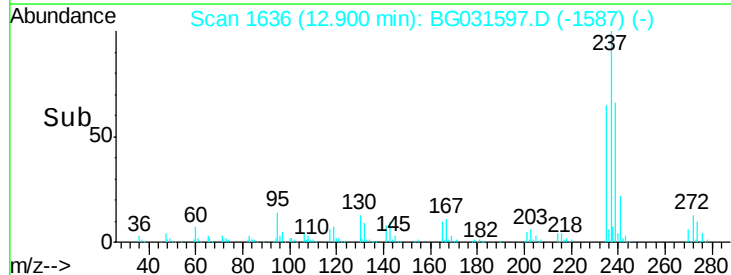
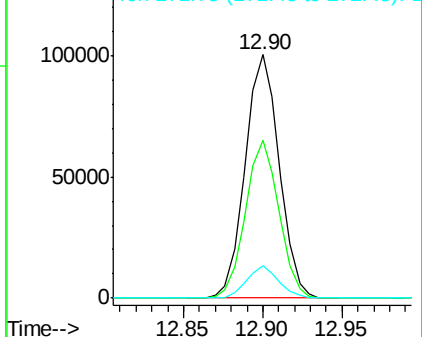


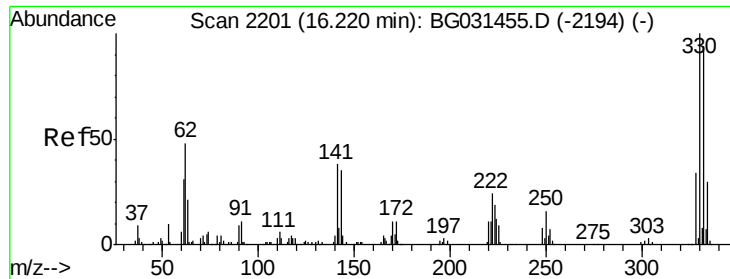
#40
 Hexachlorocyclopentadiene
 Concen: 67.062 ng
 RT: 12.90 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BG031597.D
 Acq: 15 Dec 2017 20:51

Tgt Ion	Ratio	Lower	Upper
237	100		
235	65.1	50.4	90.4
272	13.1	0.0	31.8



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





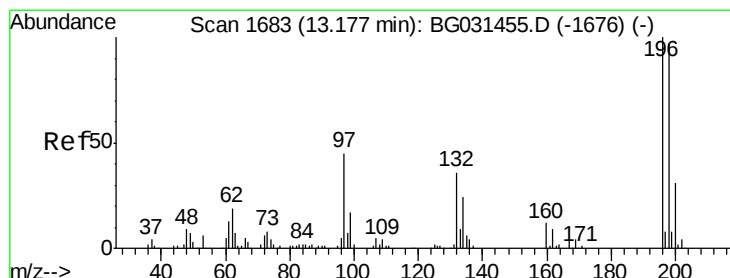
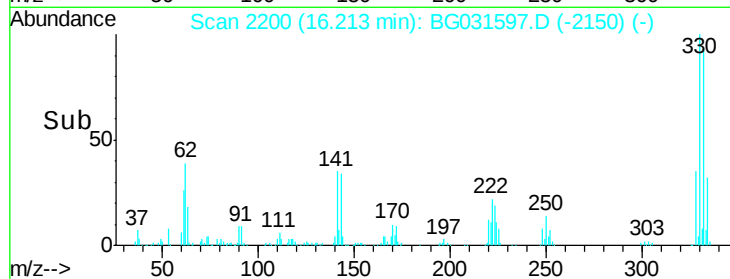
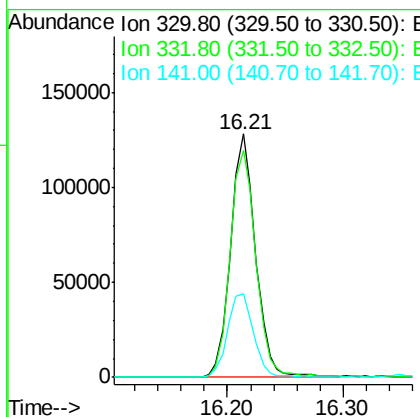
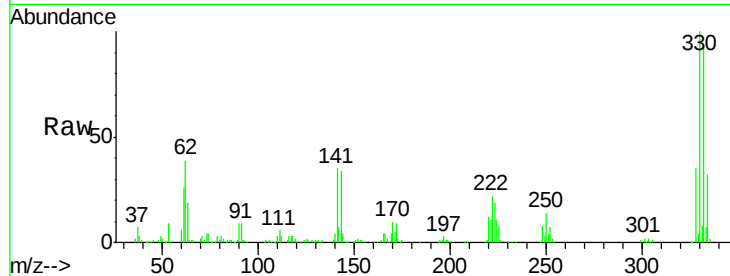
#41
 2,4,6-Tribromophenol
 Concen: 90.598 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG031597.D
 Acq: 15 Dec 2017 20:51

Instrument :
 BNA_G
 ClientSampleId :
 PB105057BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	191879		
332	96.5	77.0	115.6	
141	36.4	25.2	37.8	

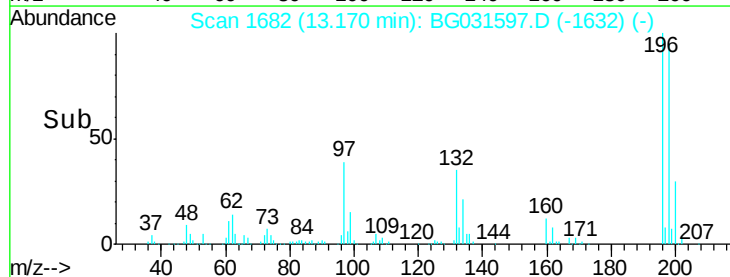
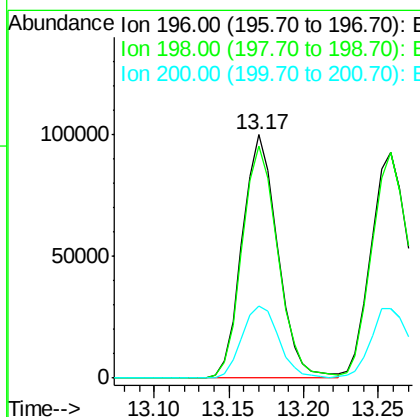
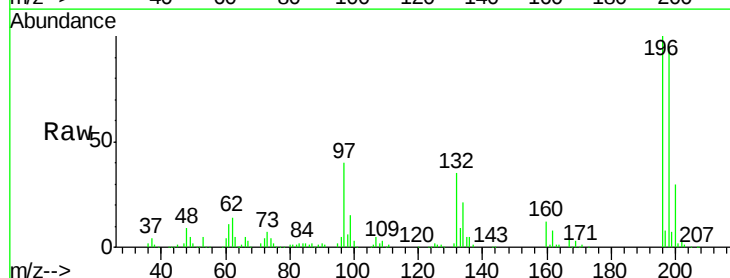
Manual Integrations
 APPROVED

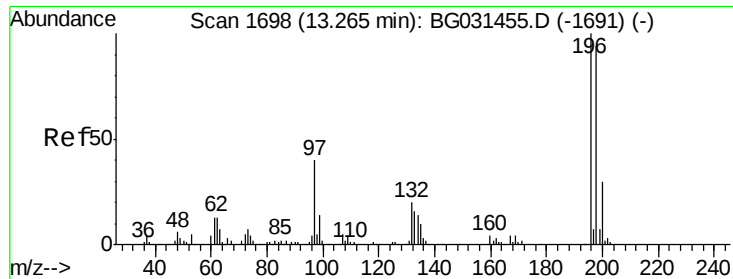
Sohil
 12/18/2017 2:06:07 PM



#42
 2,4,6-Trichlorophenol
 Concen: 45.563 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BG031597.D
 Acq: 15 Dec 2017 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	164472		
198	95.3	78.2	117.2	
200	29.6	24.6	36.8	





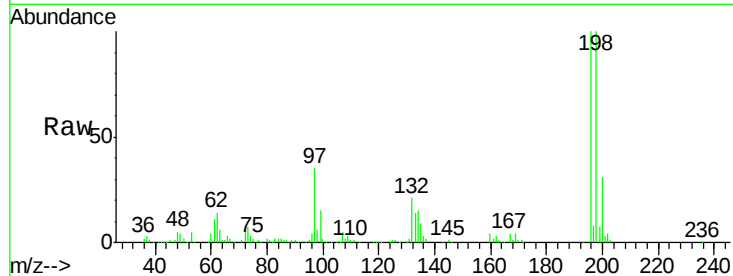
#43
2,4,5-Trichlorophenol
Concen: 45.520 ng
RT: 13.26 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

Instrument :
BNA_G
ClientSampleId :
PB105057BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	177003		
198	100.3	76.2	114.4	
97	35.2	38.7	58.1	
132	21.0	20.2	30.2	

Manual Integrations
APPROVED

Sohil
12/18/2017 2:06:07 PM



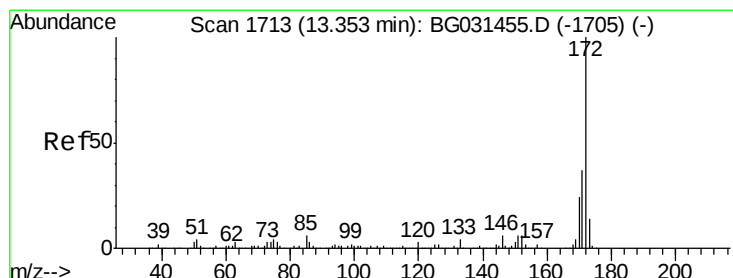
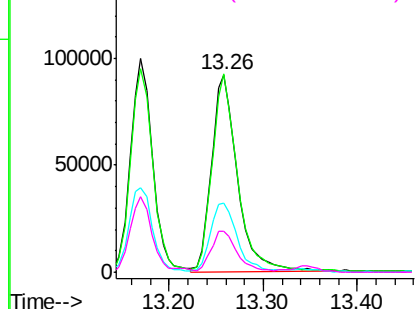
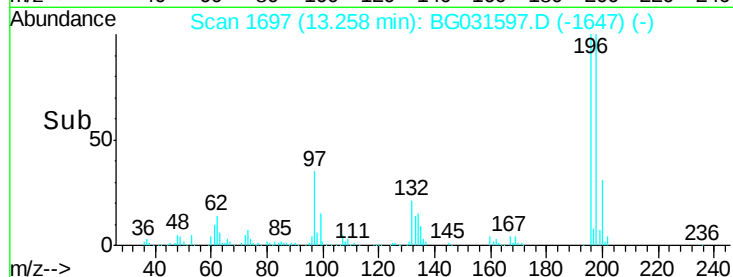
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

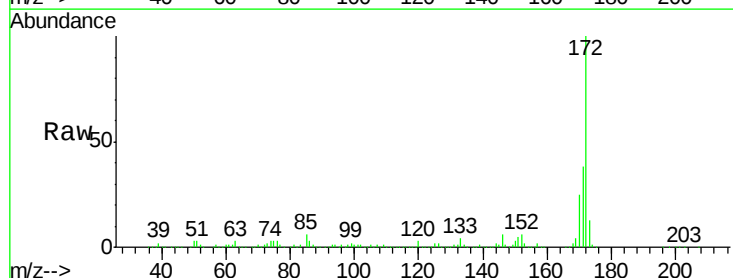
Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 80.278 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.01 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	988687		
171	38.4	30.0	45.0	
170	24.8	19.5	29.3	

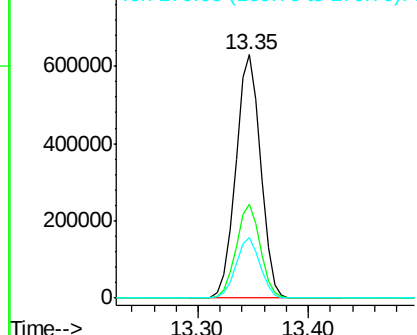
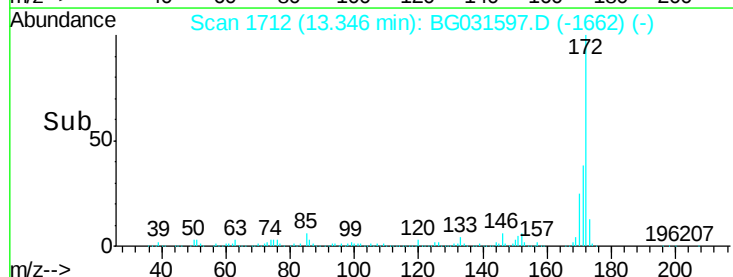


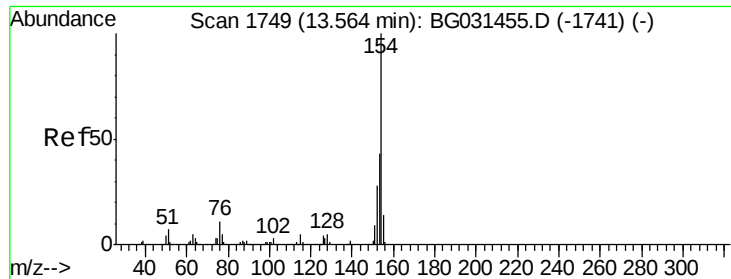
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





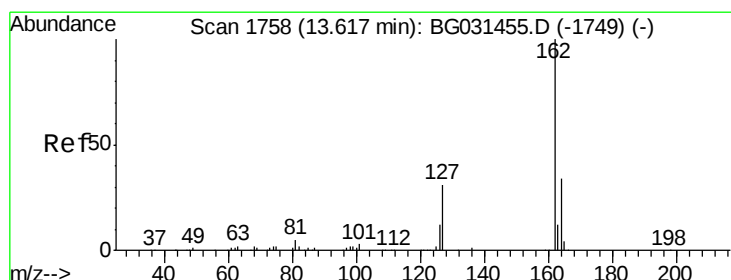
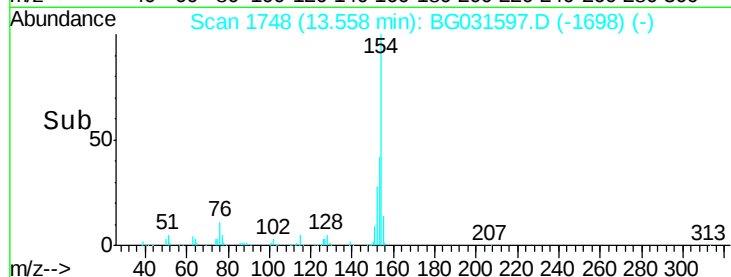
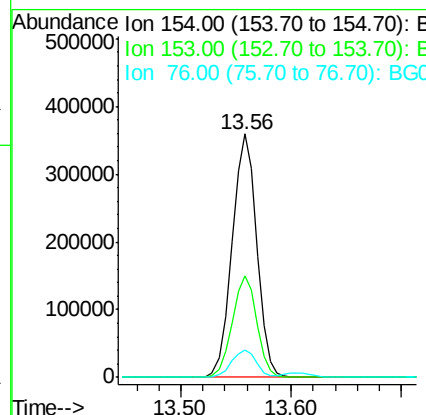
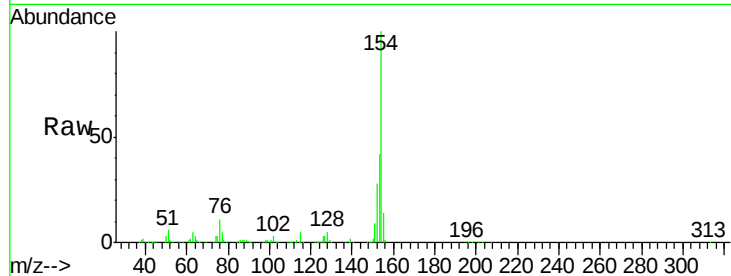
#45
1,1'-Biphenyl
Concen: 37.723 ng
RT: 13.56 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

Instrument :
BNA_G
ClientSampleId :
PB105057BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.5	19.8	59.8	
76	11.2	0.0	31.9	

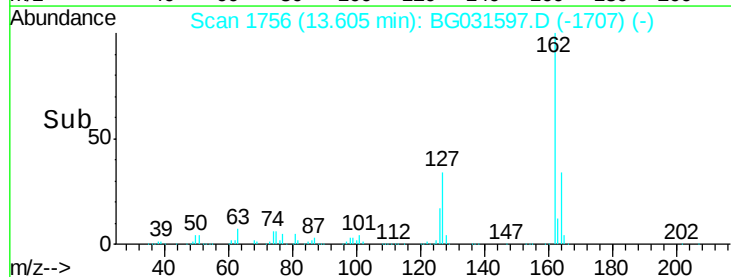
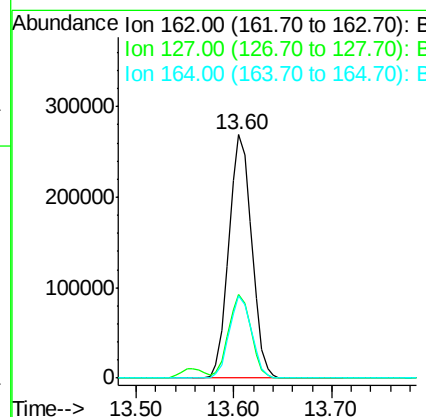
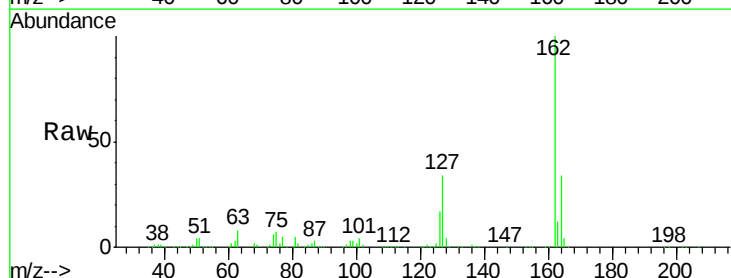
Manual Integrations
APPROVED

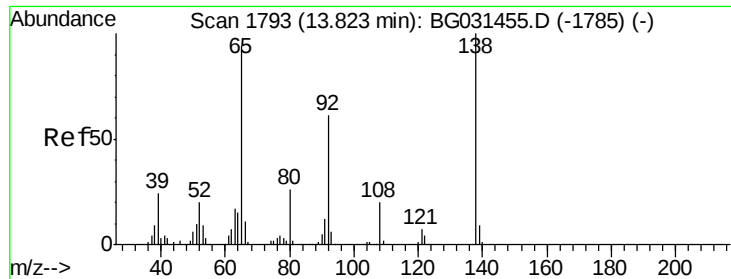
Sohil
12/18/2017 2:06:07 PM



#46
2-Chloronaphthalene
Concen: 40.178 ng
RT: 13.60 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	34.3	30.7	46.1	
164	33.7	26.0	39.0	





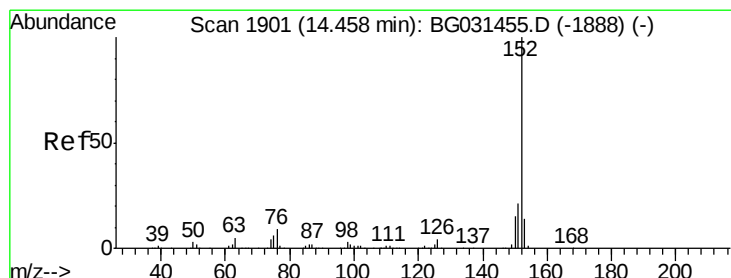
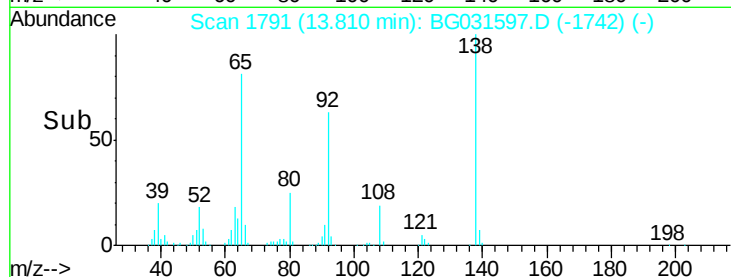
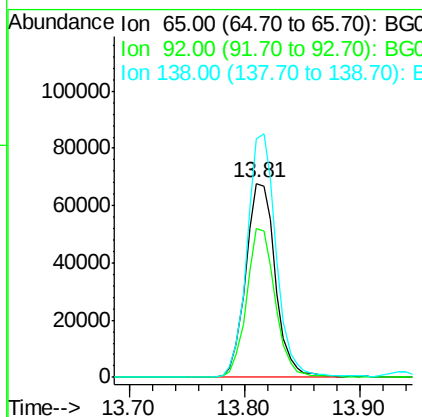
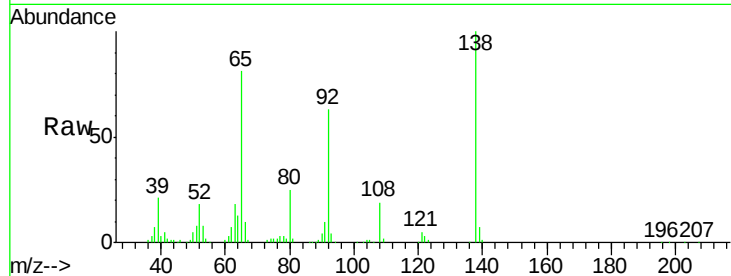
#47
2-Nitroaniline
Concen: 39.628 ng
RT: 13.81 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

Instrument :
BNA_G
ClientSampleId :
PB105057BS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	121017		
92	77.0	54.6	82.0	
138	123.1	72.9	109.3	

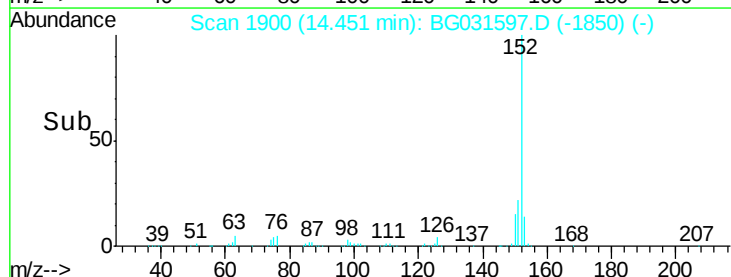
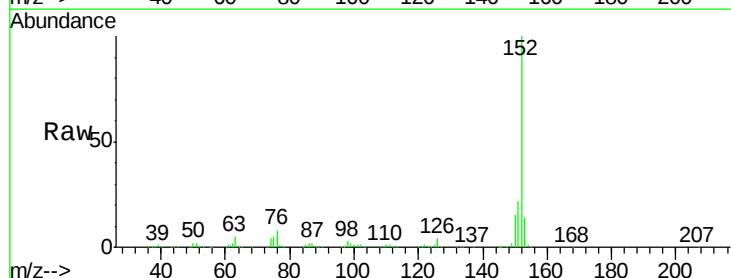
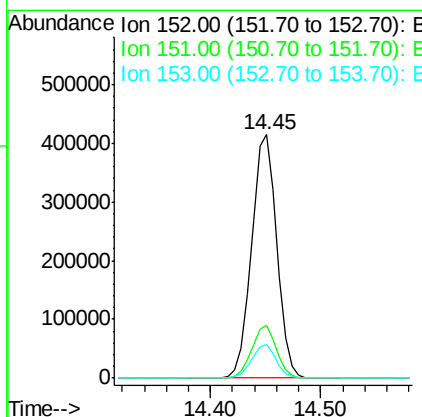
Manual Integrations
APPROVED

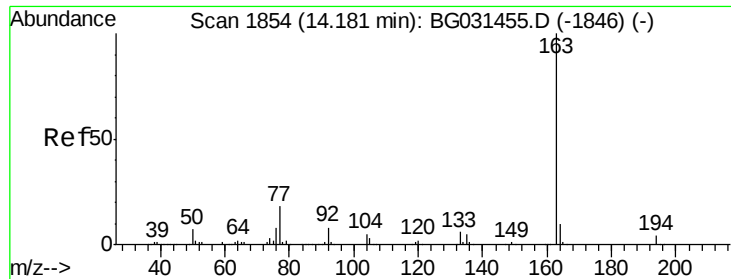
Sohil
12/18/2017 2:06:07 PM



#48
Acenaphthylene
Concen: 38.008 ng
RT: 14.45 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	664631		
151	21.8	17.2	25.8	
153	13.9	10.2	15.4	





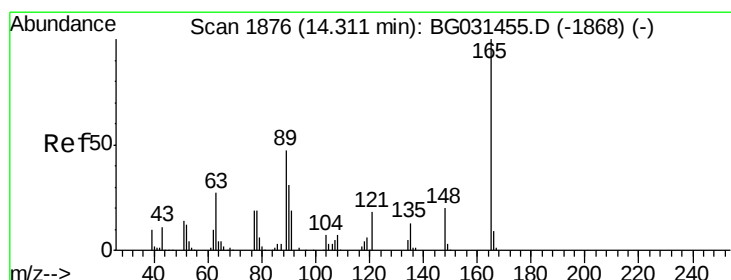
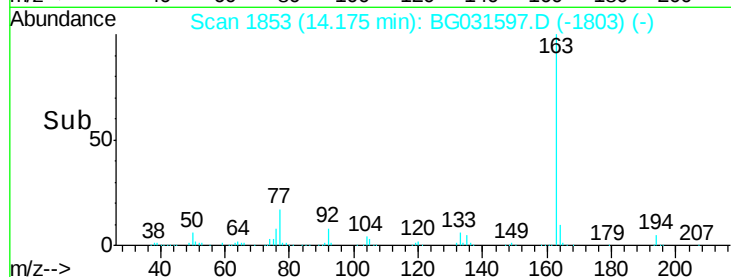
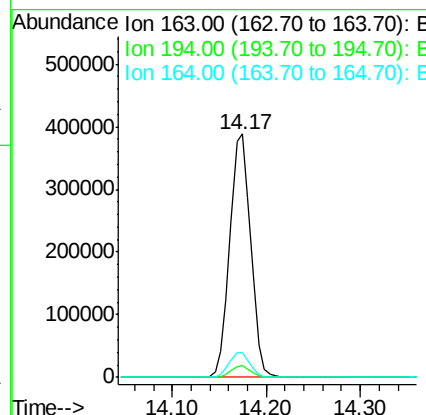
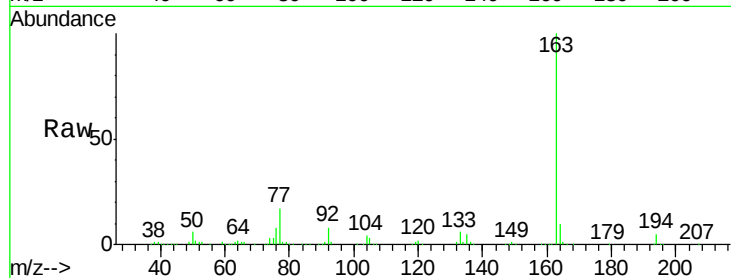
#49
Dimethylphthalate
Concen: 40.152 ng
RT: 14.17 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

Instrument :
BNA_G
ClientSampled :
PB105057BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	600940		
194	4.9		3.4	5.2
164	10.3		8.2	12.4

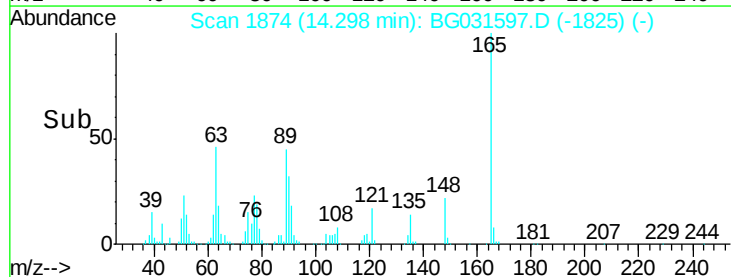
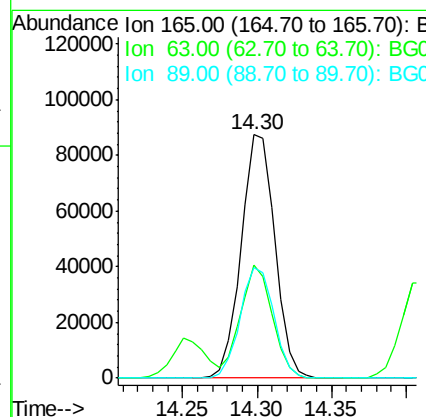
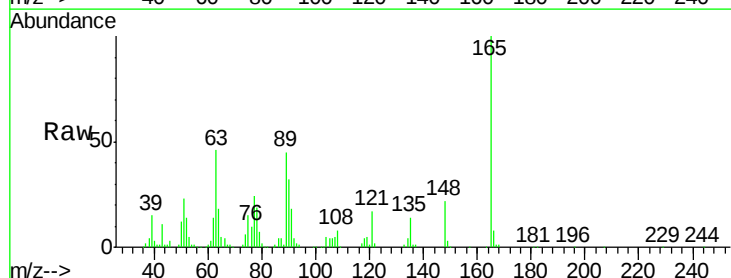
Manual Integrations
APPROVED

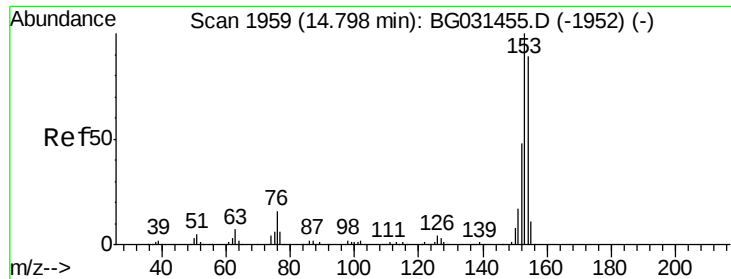
Sohil
12/18/2017 2:06:07 PM



#50
2,6-Dinitrotoluene
Concen: 42.794 ng
RT: 14.30 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	136901		
63	46.2		52.7	79.1#
89	45.2		49.2	73.8#





#51

Acenaphthene

Concen: 37.407 ng

RT: 14.79 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

Instrument :

BNA_G

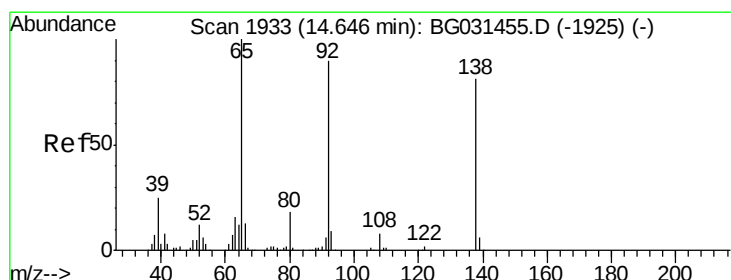
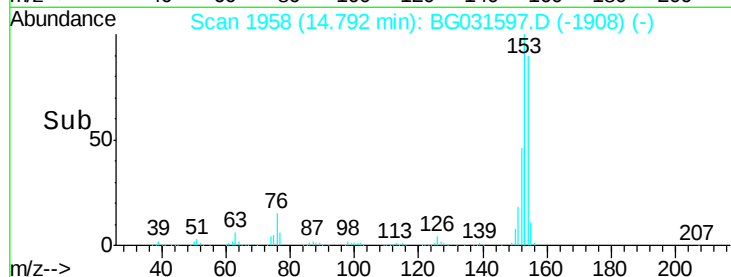
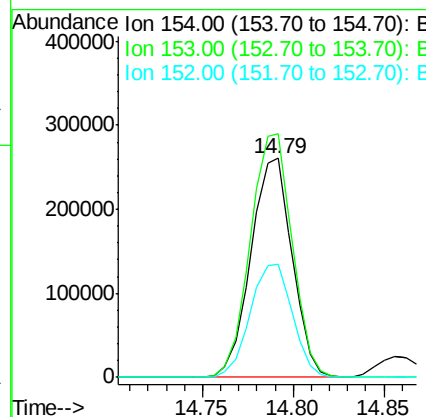
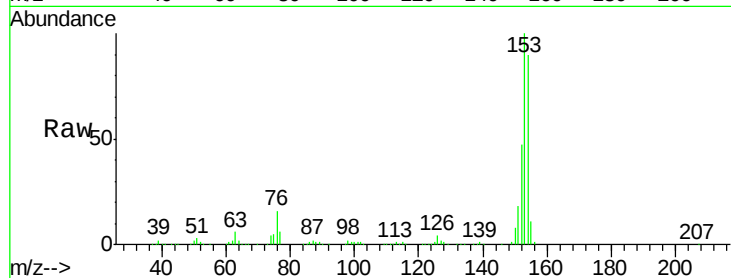
ClientSampleId :

PB105057BS

Tgt Ion:	154	Resp:	413614
Ion Ratio	Lower	Upper	
154	100		
153	111.3	90.4	135.6
152	51.8	41.6	62.4

Manual Integrations
APPROVED

Sohil
12/18/2017 2:06:07 PM



#52

3-Nitroaniline

Concen: 15.276 ng

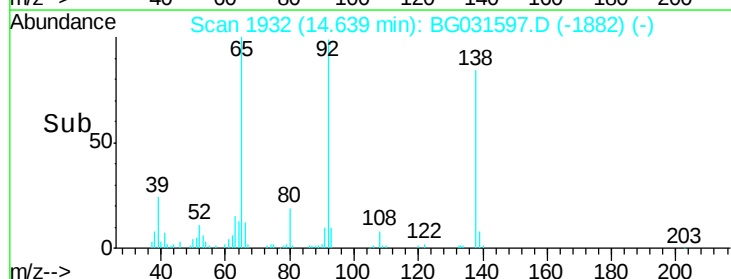
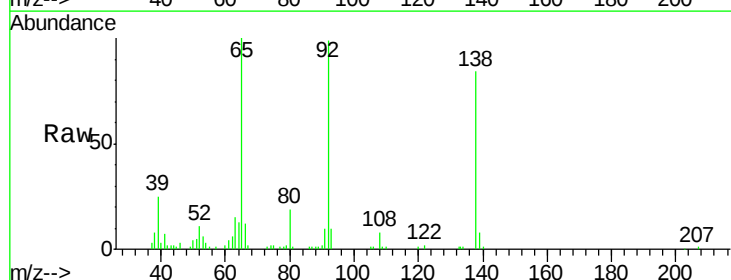
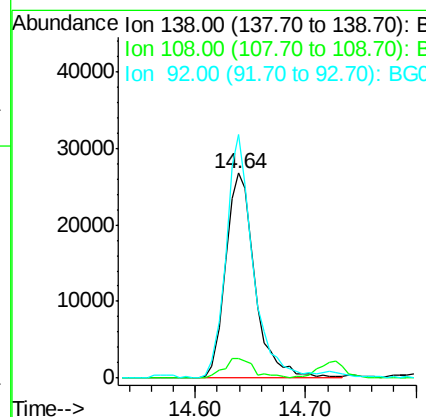
RT: 14.64 min Scan# 1932

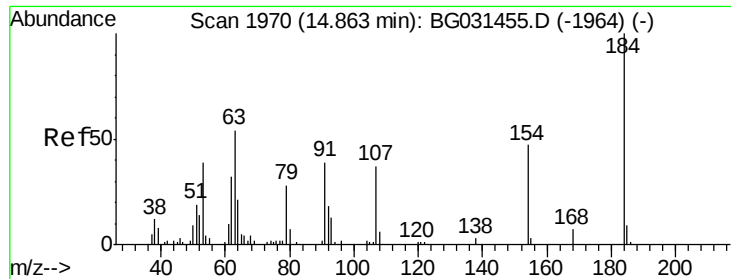
Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

Tgt Ion:	138	Resp:	49816
Ion Ratio	Lower	Upper	
138	100		
108	9.7	17.5	26.3#
92	118.7	105.8	158.8





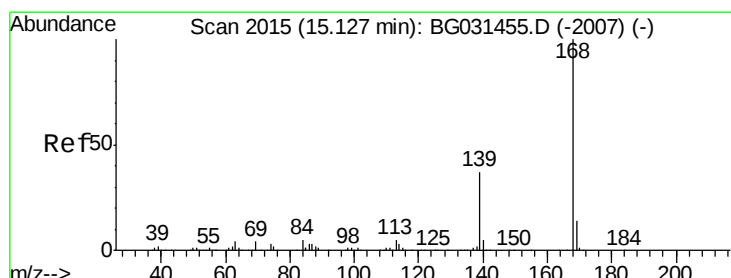
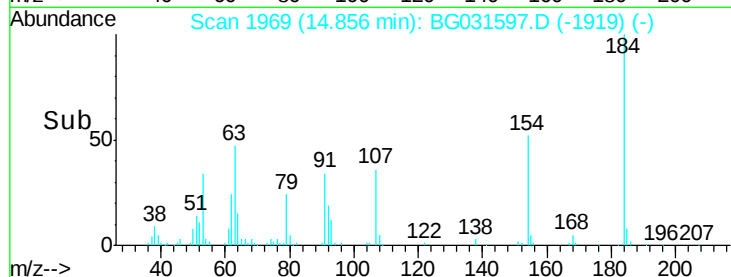
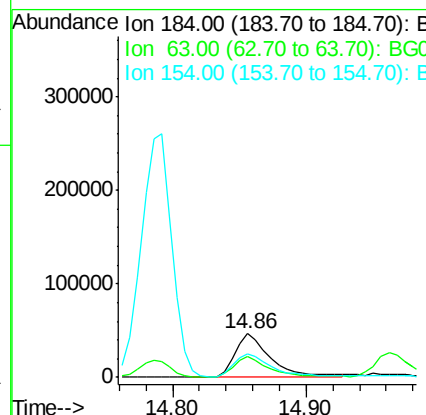
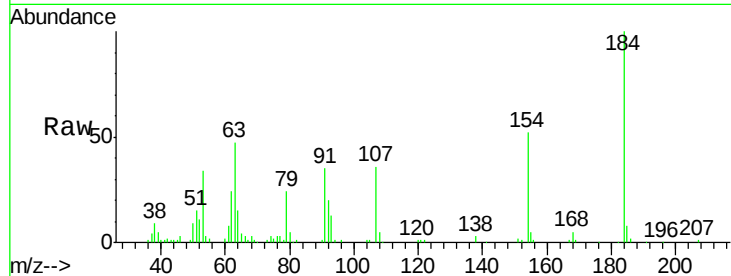
#53
2,4-Dinitrophenol
Concen: 67.376 ng
RT: 14.86 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

Instrument :
BNA_G
ClientSampleId :
PB105057BS

Tgt Ion	Ratio	Lower	Upper
184	100		
63	47.3	59.8	89.8#
154	52.4	101.8	152.8#

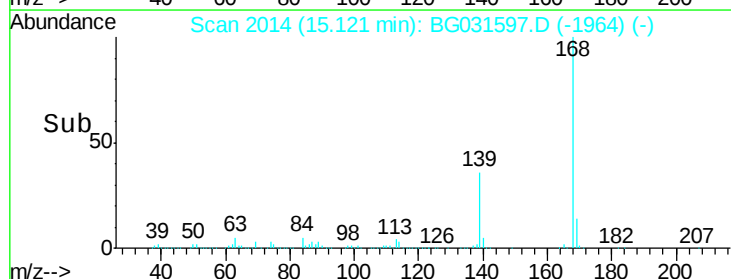
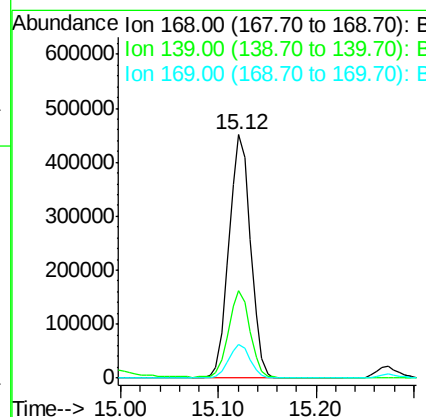
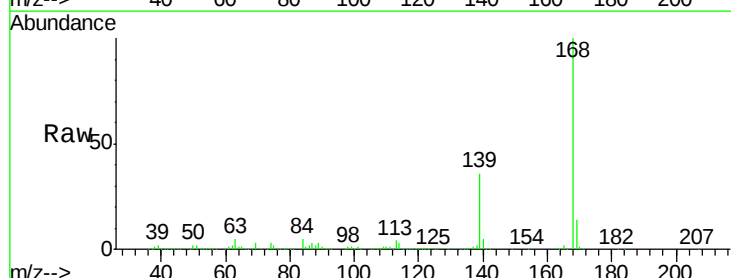
Manual Integrations
APPROVED

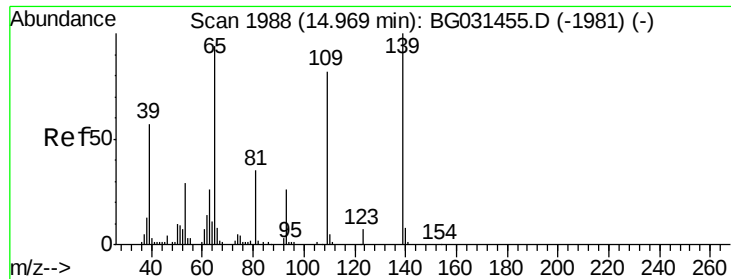
Sohil
12/18/2017 2:06:07 PM



#54
Dibenzofuran
Concen: 39.265 ng
RT: 15.12 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.8	28.6	43.0
169	14.1	11.2	16.8





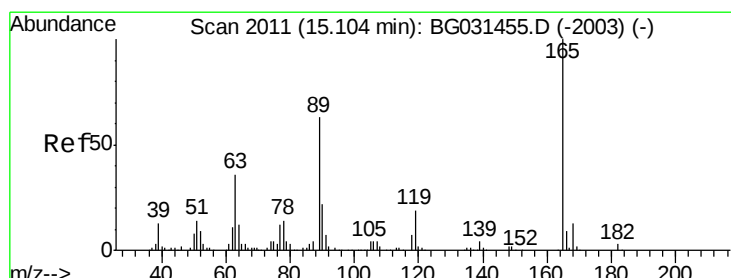
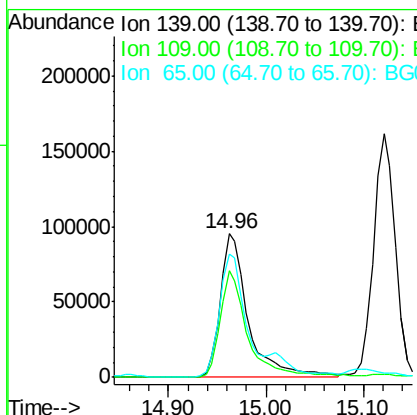
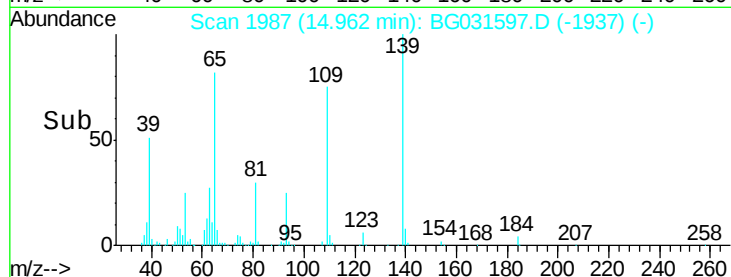
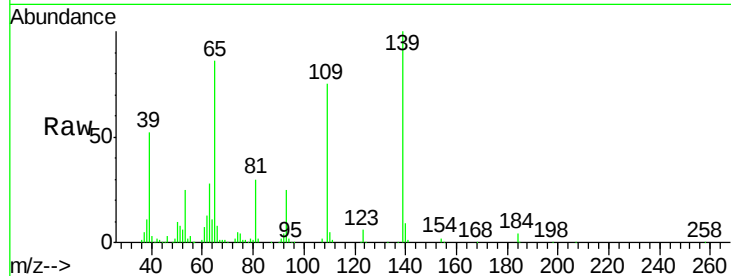
#55
4-Nitrophenol
Concen: 85.829 ng
RT: 14.96 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

Instrument :
BNA_G
ClientSampleId :
PB105057BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	189721		
109	74.8	62.2	102.2	
65	85.7	97.2	137.2	

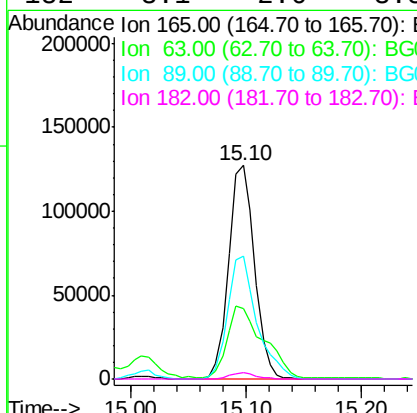
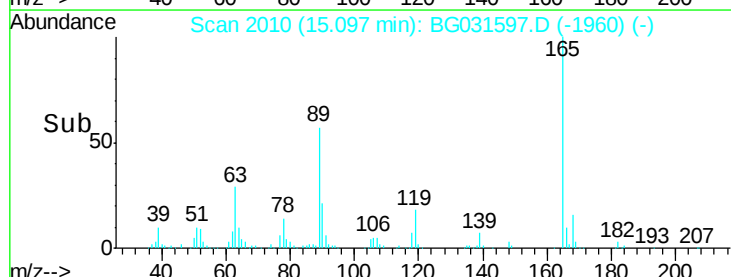
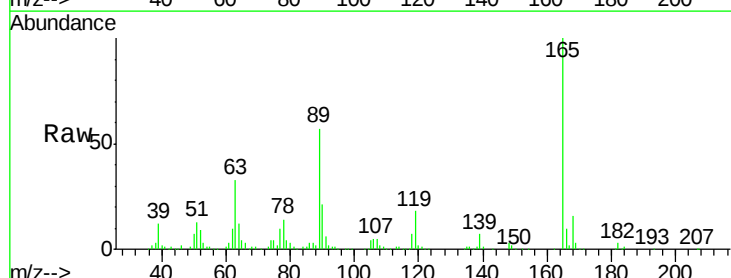
Manual Integrations
APPROVED

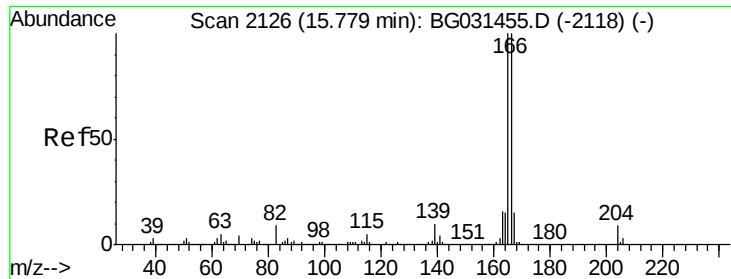
Sohil
12/18/2017 2:06:07 PM



#56
2,4-Dinitrotoluene
Concen: 43.357 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	197001		
63	33.2	42.0	63.0	
89	57.5	66.9	100.3	
182	3.1	2.6	3.8	





#57

Fluorene

Concen: 39.264 ng

RT: 15.77 min Scan# 2125

Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

Instrument :

BNA_G

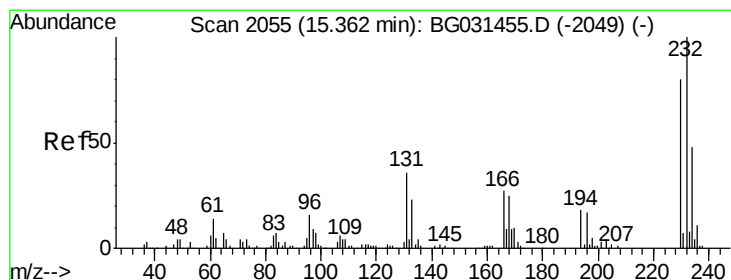
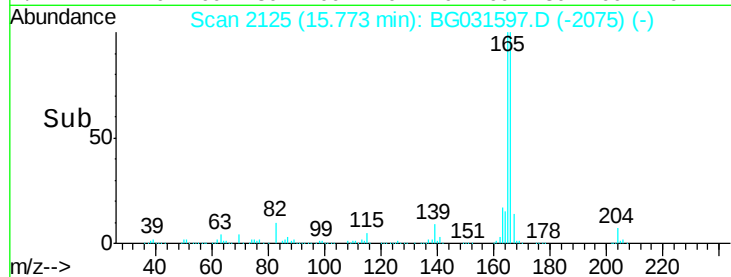
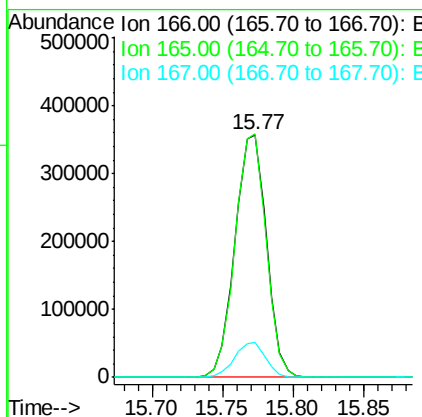
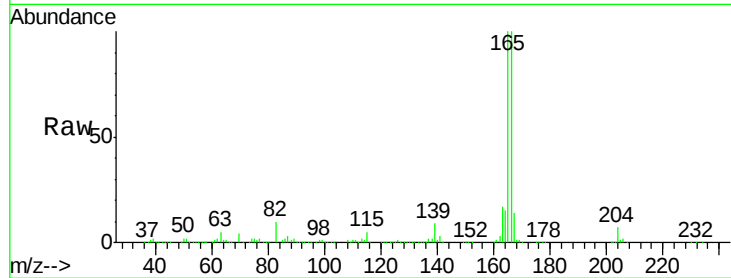
ClientSampleId :

PB105057BS

Tgt Ion:	166	Resp:	555098
Ion Ratio		Lower	Upper
166	100		
165	100.2	80.6	121.0
167	14.3	10.4	15.6

Manual Integrations
APPROVED

Sohil
12/18/2017 2:06:07 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.742 ng

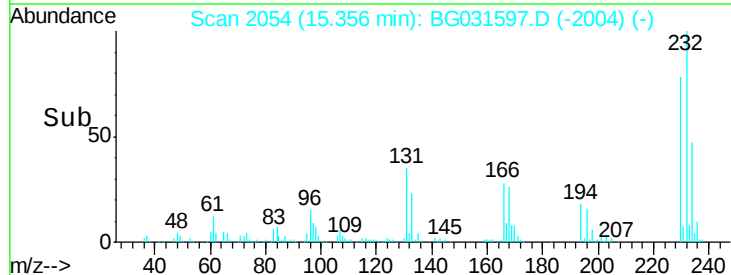
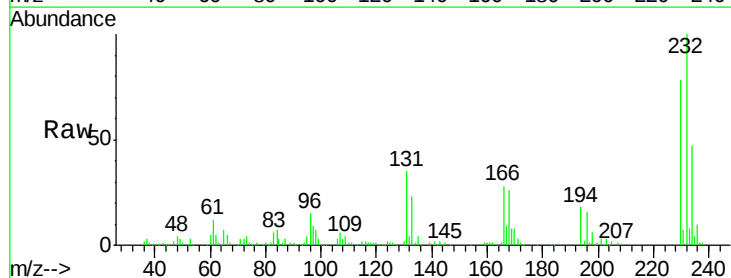
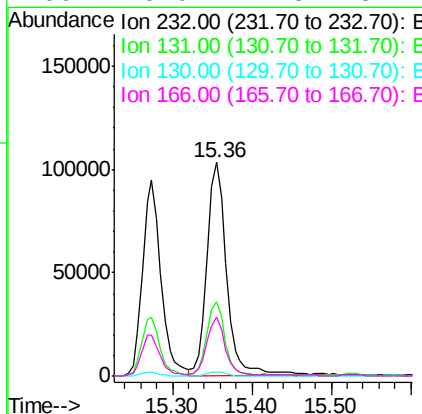
RT: 15.36 min Scan# 2054

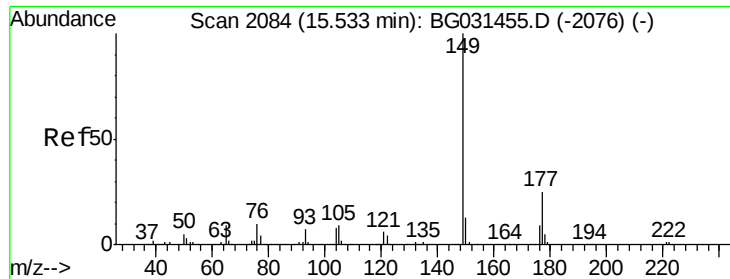
Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

Tgt Ion:	232	Resp:	178150
Ion Ratio		Lower	Upper
232	100		
131	33.8	33.5	50.3
130	2.1	2.2	3.2#
166	26.0	24.8	37.2





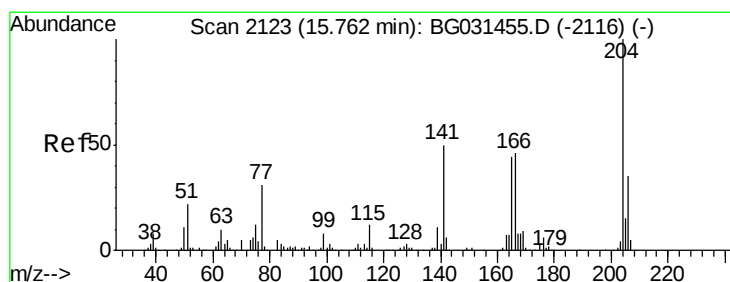
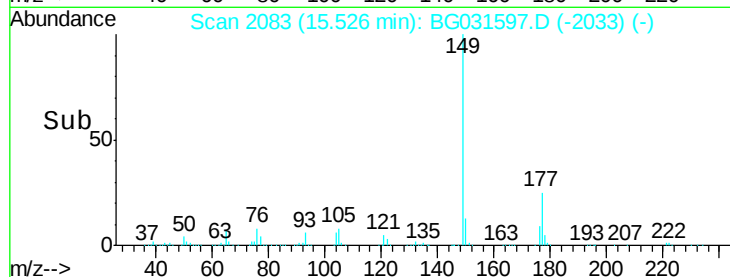
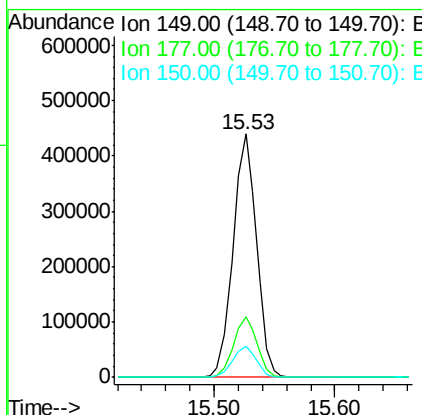
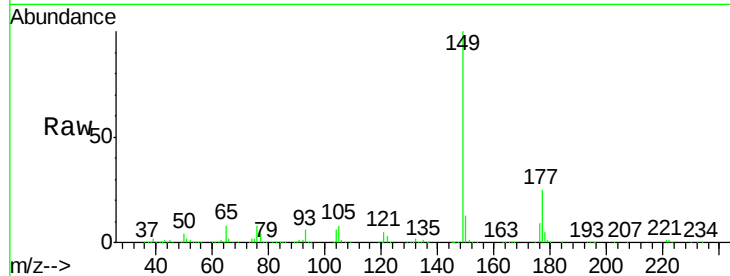
#59
Diethylphthalate
Concen: 39.593 ng
RT: 15.53 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

Instrument :
BNA_G
ClientSampleId :
PB105057BS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.7	18.5	27.7
150	12.9	10.2	15.2

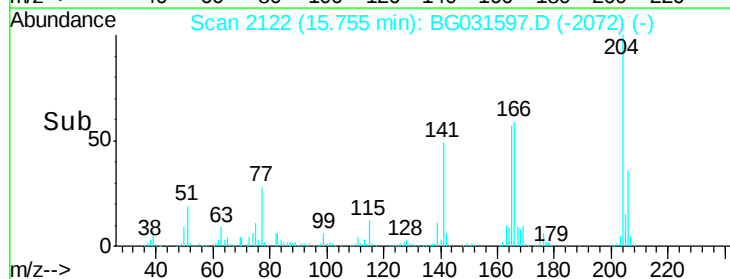
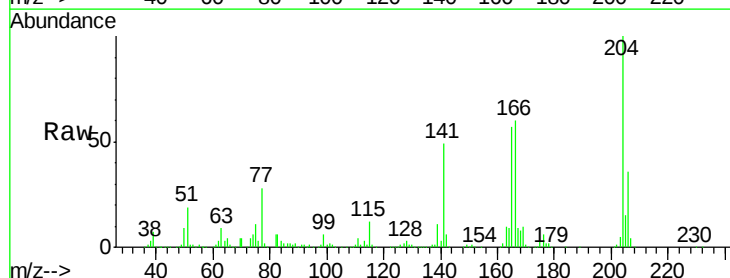
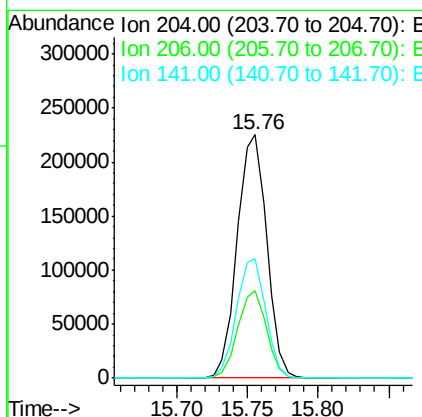
Manual Integrations
APPROVED

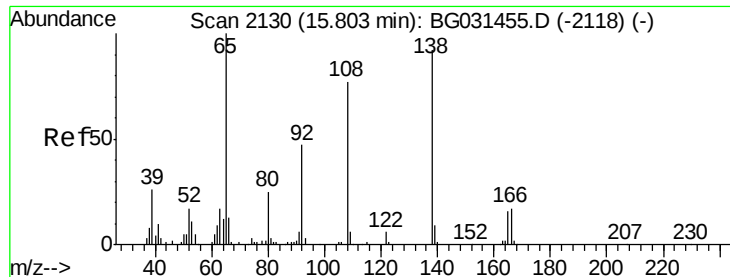
Sohil
12/18/2017 2:06:07 PM



#60
4-Chlorophenyl-phenylether
Concen: 38.029 ng
RT: 15.76 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.7	26.2	39.2
141	48.9	45.8	68.6





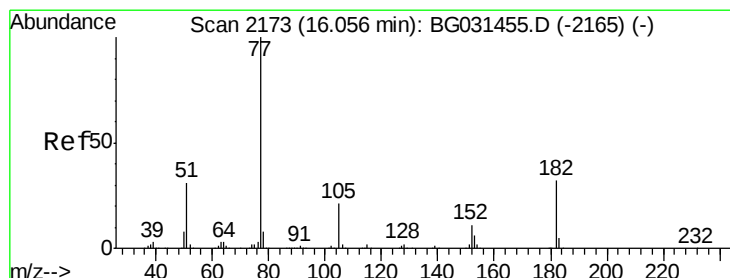
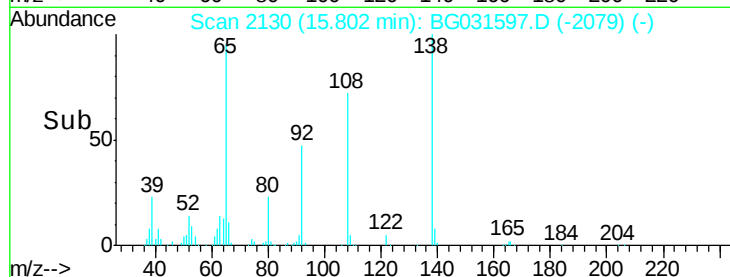
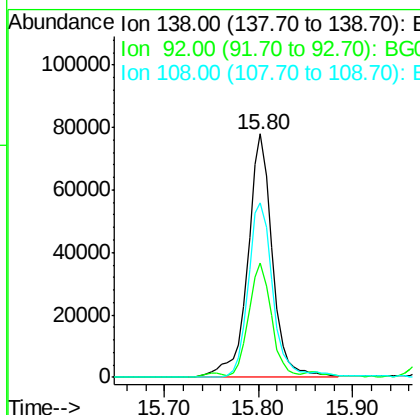
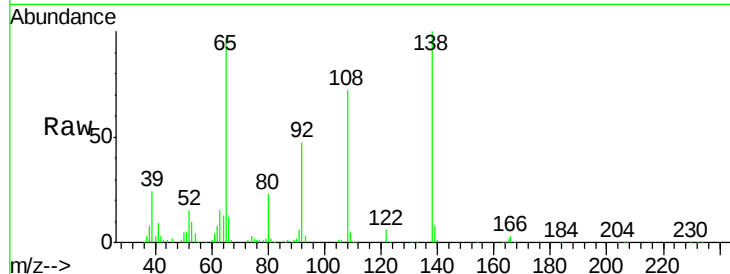
#61
4-Nitroaniline
Concen: 41.379 ng
RT: 15.80 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

Instrument :
BNA_G
ClientSampled :
PB105057BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	141609		
92	47.1	40.1	80.1	
108	71.8	65.4	105.4	

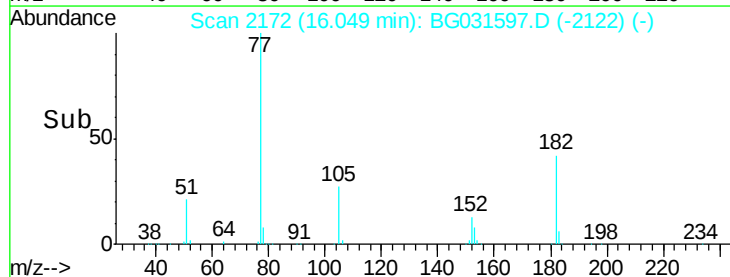
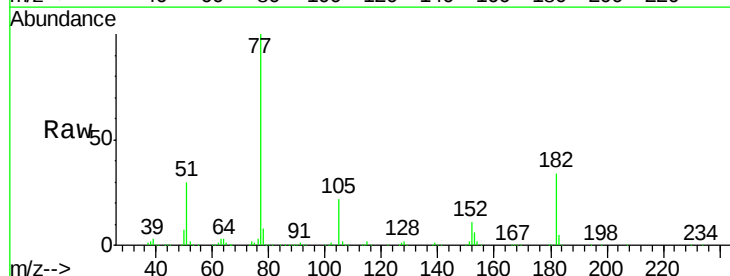
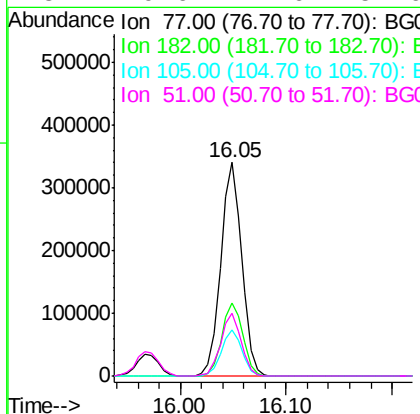
Manual Integrations
APPROVED

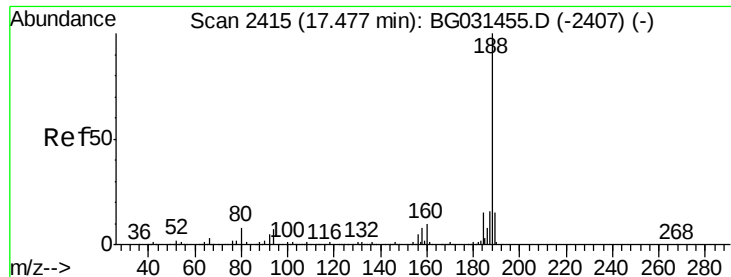
Sohil
12/18/2017 2:06:07 PM



#62
Azobenzene
Concen: 37.728 ng
RT: 16.05 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	468866		
182	34.2	7.4	47.4	
105	21.8	0.3	40.3	
51	29.6	11.6	51.6	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.46 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

Instrument :

BNA_G

ClientSampleId :

PB105057BS

Tgt Ion:188 Resp: 475877
Ion Ratio Lower Upper

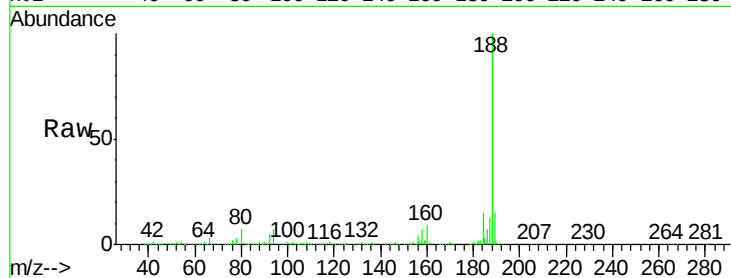
188 100

94 7.4 6.9 10.3

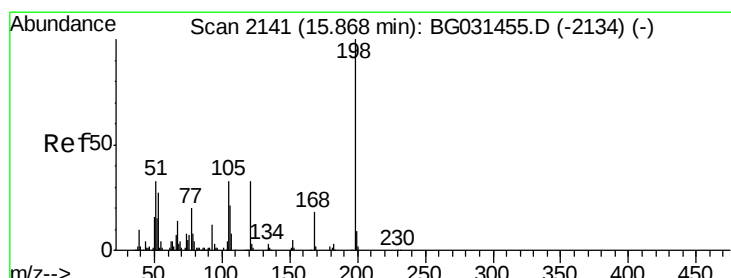
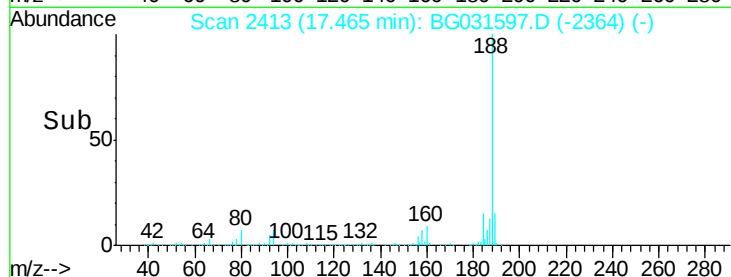
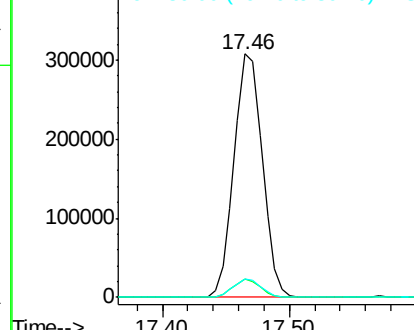
80 7.4 7.7 11.5#

Manual Integrations
APPROVED

Sohil
12/18/2017 2:06:07 PM



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 34.777 ng

RT: 15.87 min Scan# 2141

Delta R.T. -0.00 min

Lab File: BG031597.D

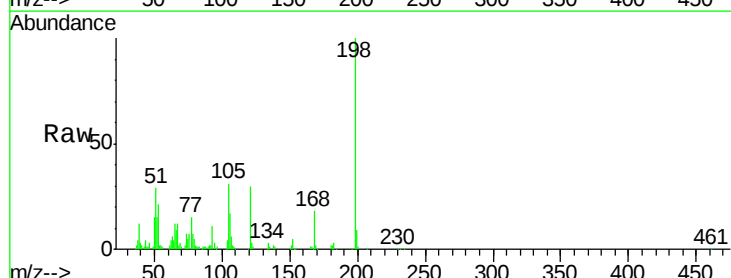
Acq: 15 Dec 2017 20:51

Tgt Ion:198 Resp: 95832
Ion Ratio Lower Upper

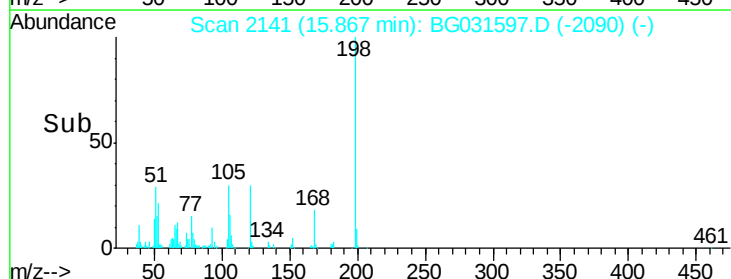
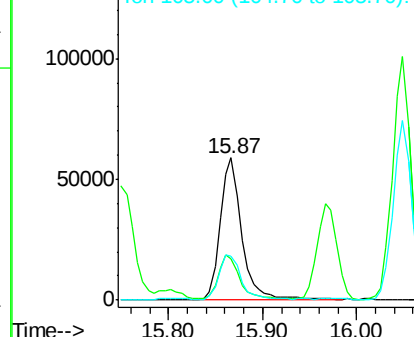
198 100

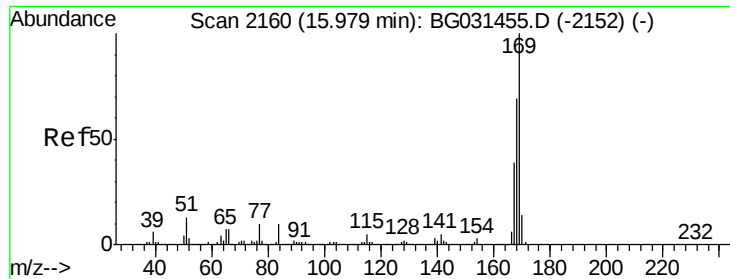
51 29.3 30.6 70.6#

105 31.2 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.988 ng

RT: 15.97 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

Instrument :

BNA_G

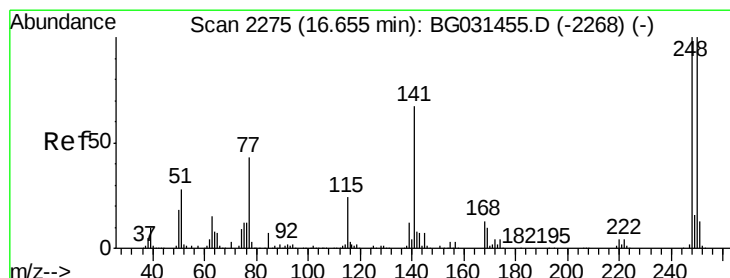
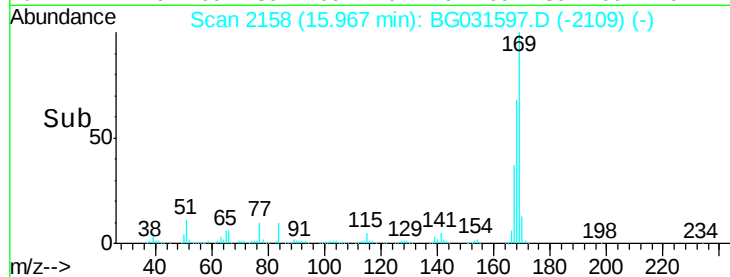
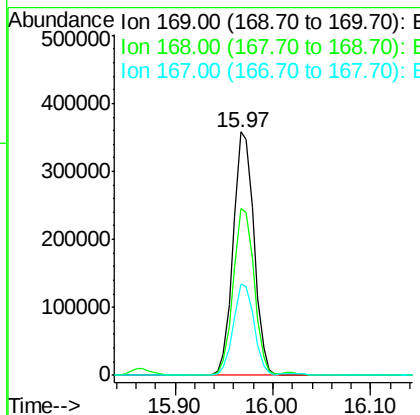
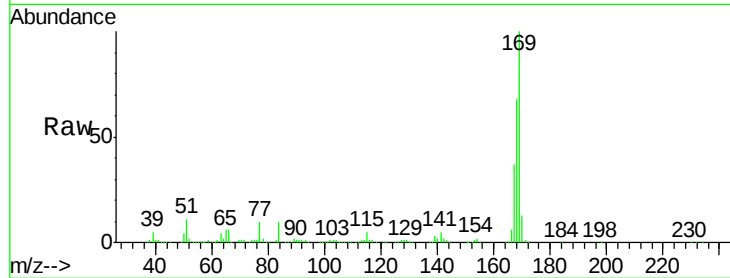
ClientSampleId :

PB105057BS

Tgt Ion:	169	Resp:	529144
Ion Ratio	Lower	Upper	
169	100		
168	68.3	55.7	83.5
167	37.3	30.1	45.1

Manual Integrations
APPROVED

Sohil
12/18/2017 2:06:07 PM



#66

4-Bromophenyl-phenylether

Concen: 40.180 ng

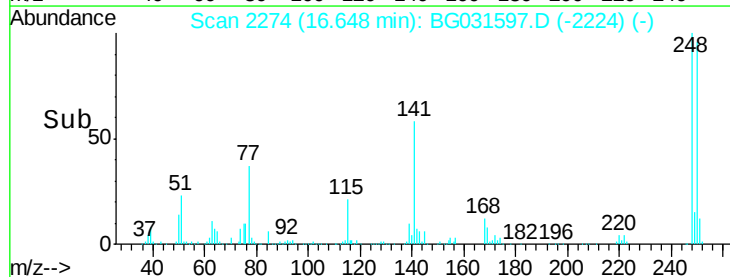
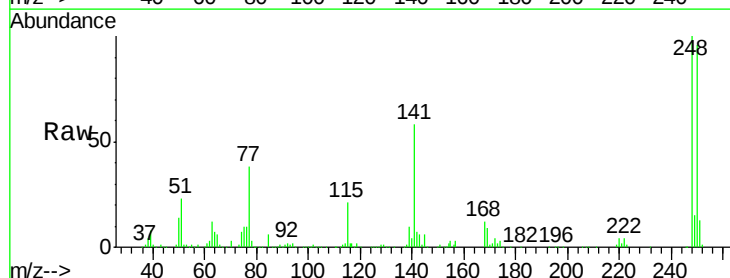
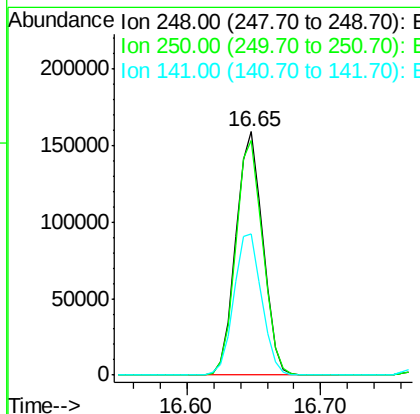
RT: 16.65 min Scan# 2274

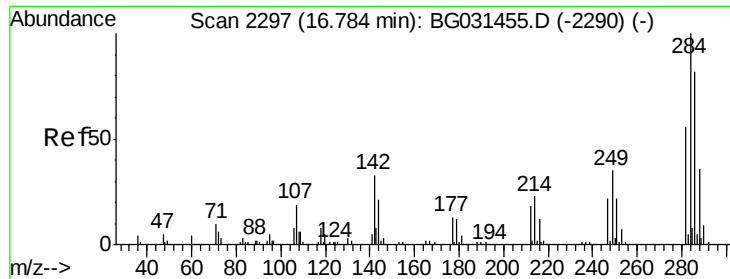
Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

Tgt Ion:	248	Resp:	222342
Ion Ratio	Lower	Upper	
248	100		
250	96.4	77.1	115.7
141	58.3	50.8	76.2





#67

Hexachlorobenzene

Concen: 39.570 ng

RT: 16.78 min Scan# 2296

Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

Instrument :

BNA_G

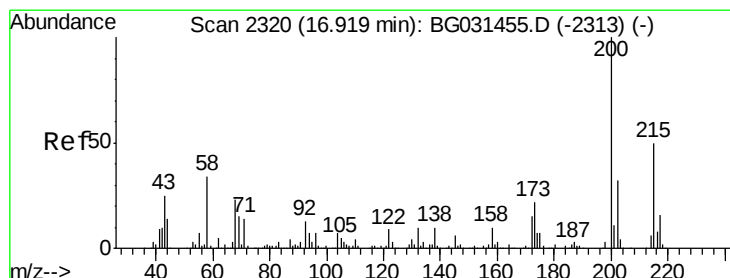
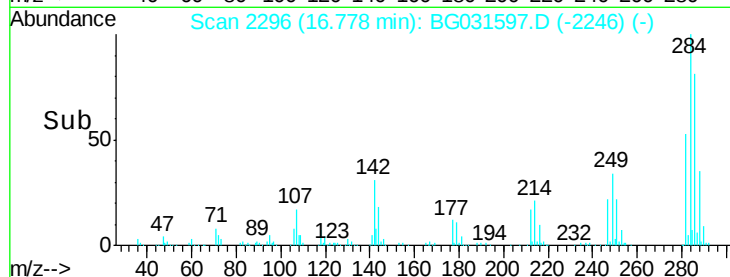
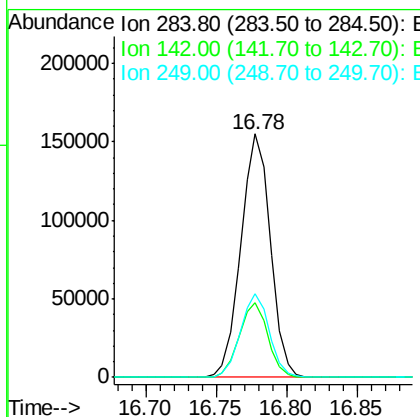
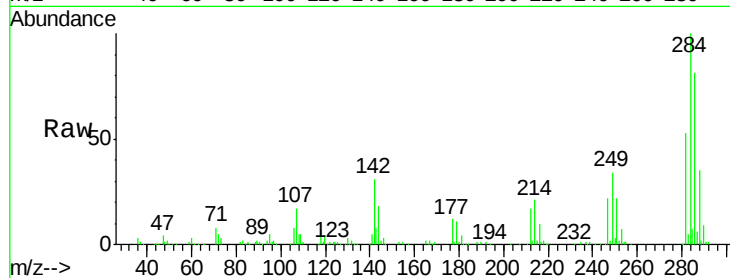
ClientSampleId :

PB105057BS

Tgt Ion:	284	Resp:	226107
Ion Ratio		Lower	Upper
284	100		
142	30.8	26.8	40.2
249	34.3	26.3	39.5

Manual Integrations
APPROVED

Sohil
12/18/2017 2:06:07 PM



#68

Atrazine

Concen: 45.139 ng

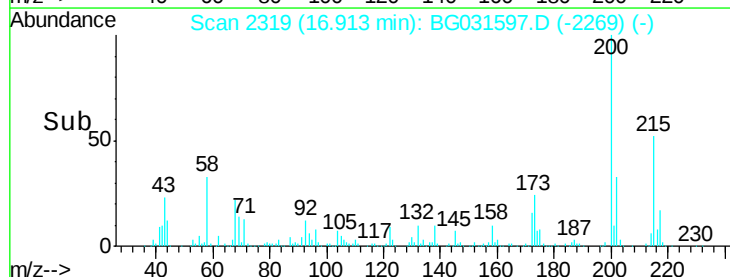
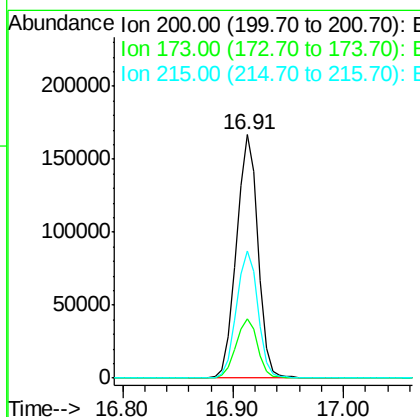
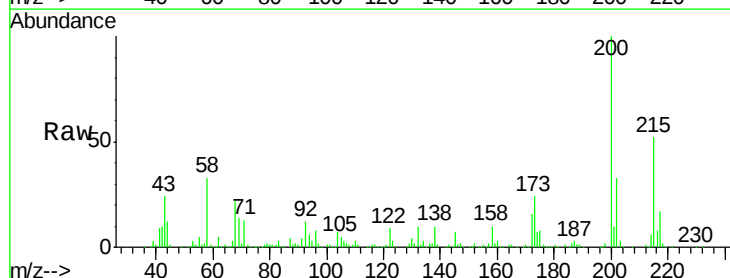
RT: 16.91 min Scan# 2319

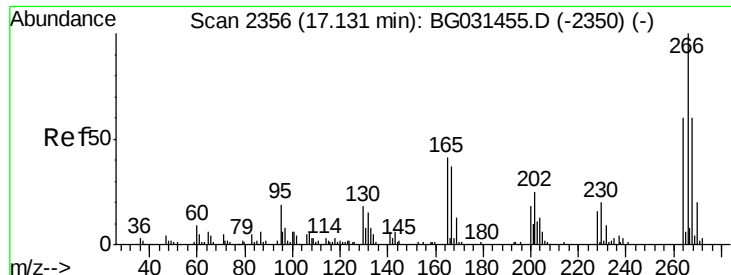
Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

Tgt Ion:	200	Resp:	229896
Ion Ratio		Lower	Upper
200	100		
173	24.4	5.2	45.2
215	52.2	30.4	70.4





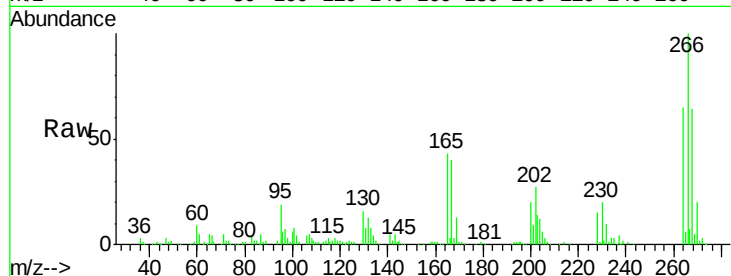
#69
 Pentachlorophenol
 Concen: 63.625 ng
 RT: 17.12 min Scan# 2355
 Delta R.T. -0.01 min
 Lab File: BG031597.D
 Acq: 15 Dec 2017 20:51

Instrument :
 BNA_G
 ClientSampleId :
 PB105057BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	171333		
268	63.8	51.1	76.7	
264	64.5	49.6	74.4	

Manual Integrations
 APPROVED

Sohil
 12/18/2017 2:06:07 PM

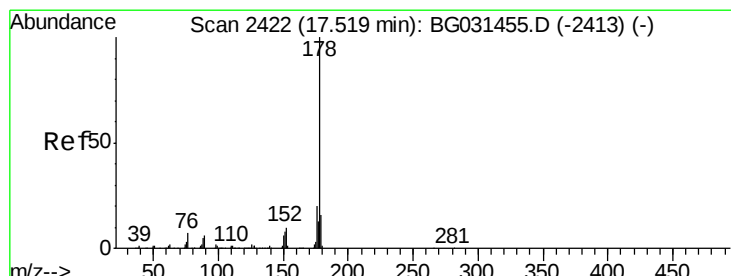
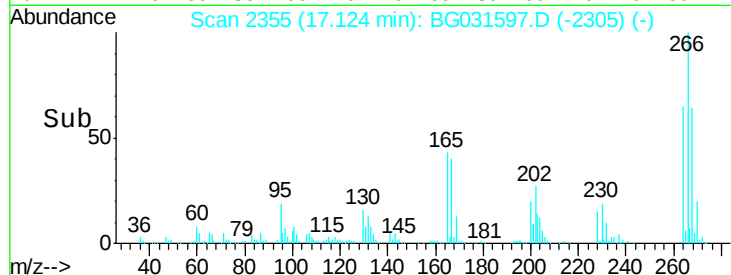
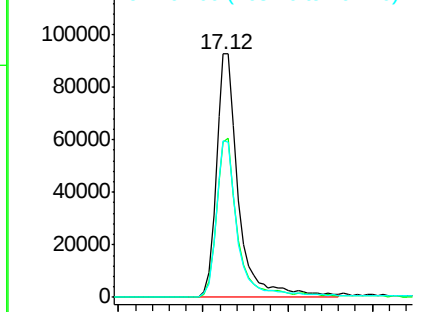


Abundance

Ion 265.70 (265.40 to 266.40): E

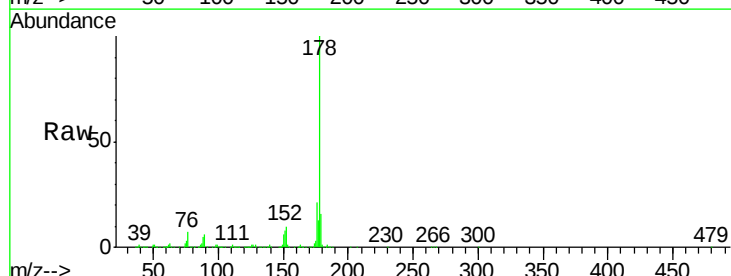
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 39.038 ng
 RT: 17.51 min Scan# 2421
 Delta R.T. -0.01 min
 Lab File: BG031597.D
 Acq: 15 Dec 2017 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	970208		
176	20.8	15.7	23.5	
179	16.2	12.5	18.7	

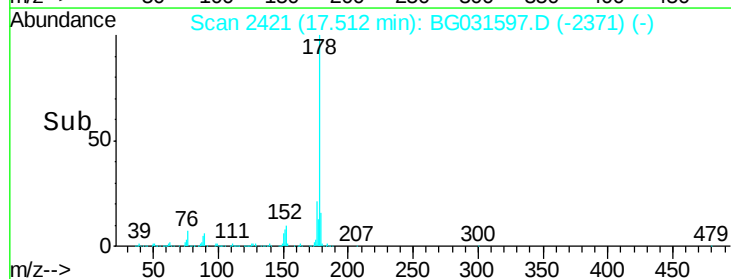
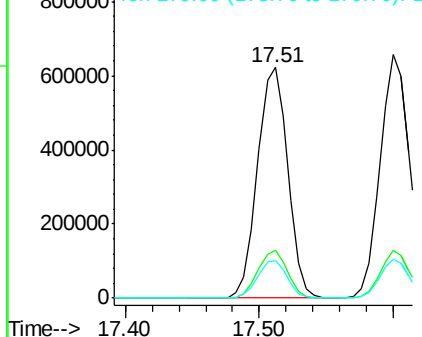


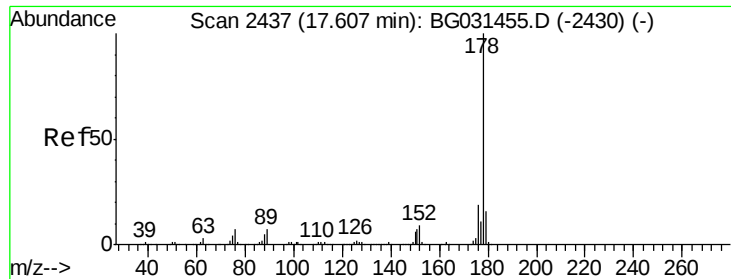
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





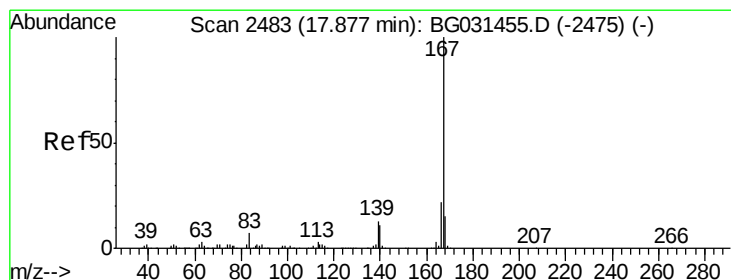
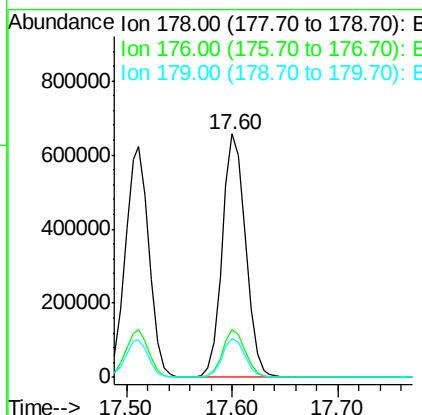
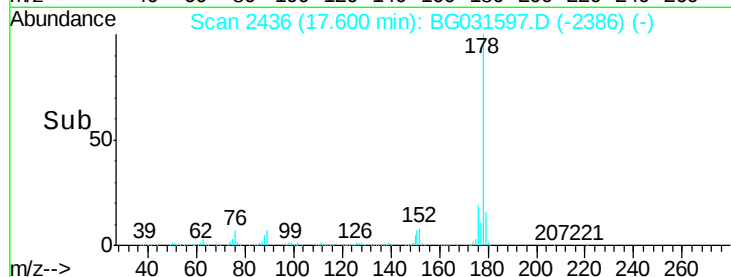
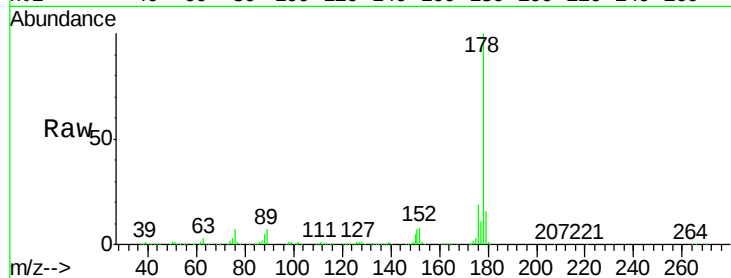
#71
 Anthracene
 Concen: 40.973 ng
 RT: 17.60 min Scan# 2436
 Delta R.T. -0.01 min
 Lab File: BG031597.D
 Acq: 15 Dec 2017 20:51

Instrument :
 BNA_G
 ClientSampleId :
 PB105057BS

Tgt Ion:178 Resp: 1007110
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.0 24.0
 179 16.0 12.5 18.7

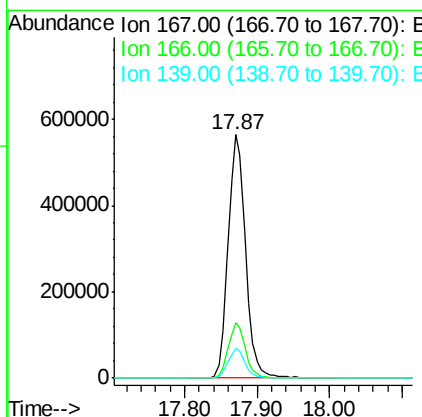
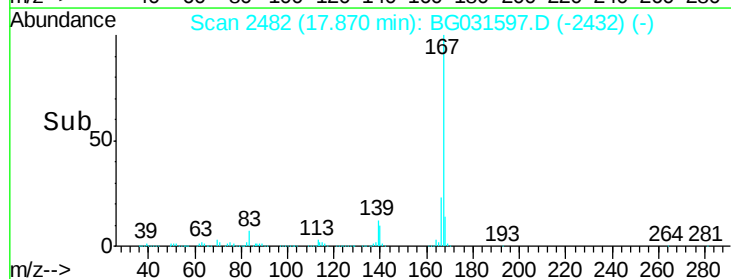
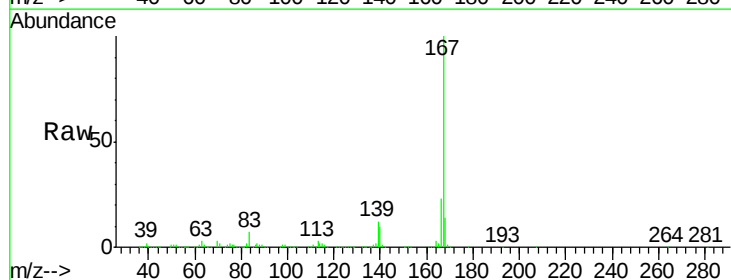
Manual Integrations
 APPROVED

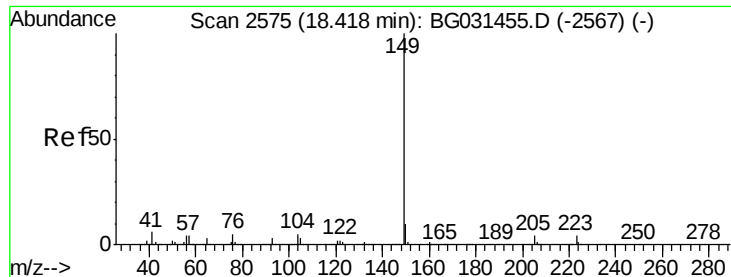
Sohil
 12/18/2017 2:06:07 PM



#72
 Carbazole
 Concen: 42.281 ng
 RT: 17.87 min Scan# 2482
 Delta R.T. -0.01 min
 Lab File: BG031597.D
 Acq: 15 Dec 2017 20:51

Tgt Ion:167 Resp: 940501
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.2 27.4
 139 12.5 9.4 14.2





#73

Di-n-butylphthalate

Concen: 40.869 ng

RT: 18.41 min Scan# 2573

Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

Instrument :

BNA_G

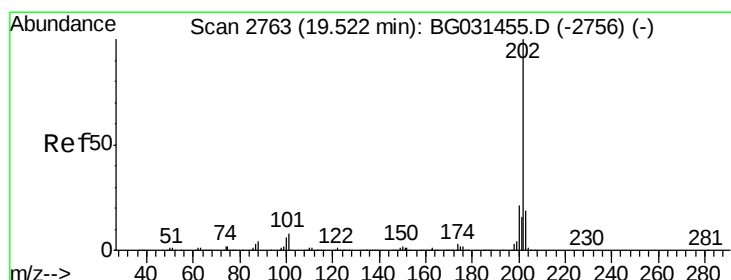
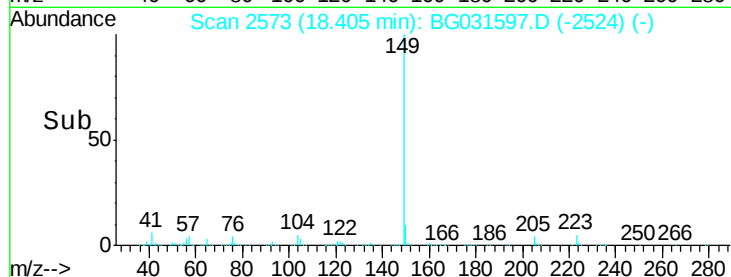
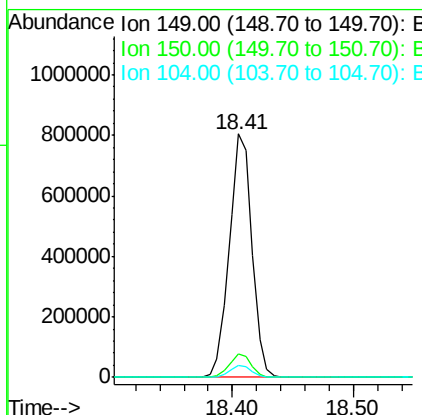
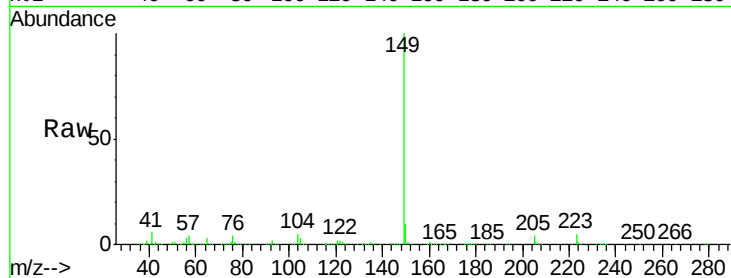
ClientSampleId :

PB105057BS

Tgt Ion:	149	Resp:	1049833
Ion Ratio	Lower	Upper	
149	100		
150	9.9	7.8	11.6
104	4.9	3.9	5.9

Manual Integrations
APPROVED

Sohil
12/18/2017 2:06:07 PM



#74

Fluoranthene

Concen: 41.591 ng

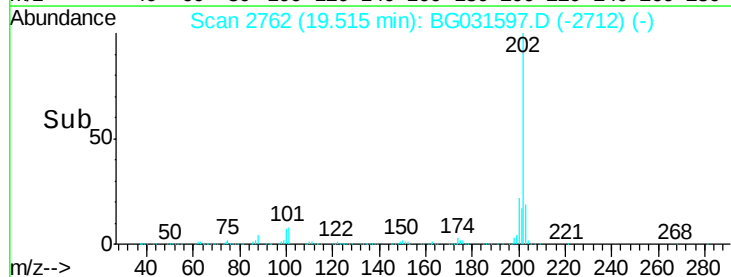
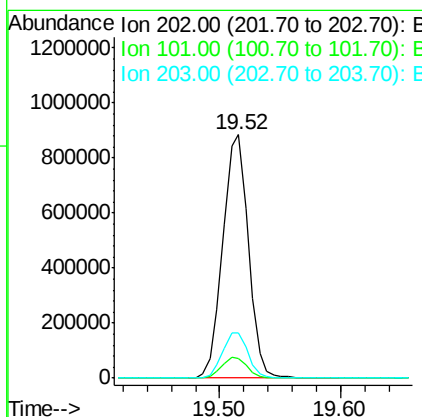
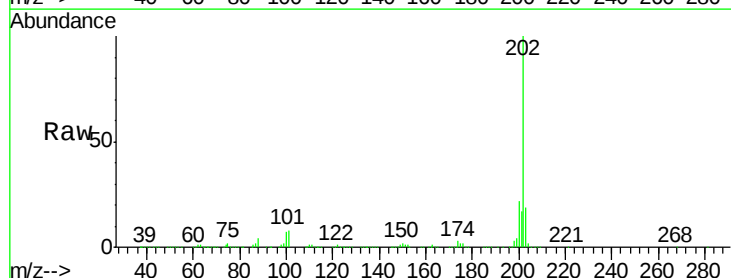
RT: 19.52 min Scan# 2762

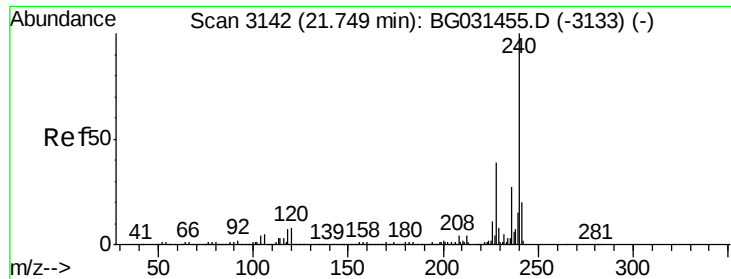
Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

Tgt Ion:	202	Resp:	1293598
Ion Ratio	Lower	Upper	
202	100		
101	8.0	0.0	28.9
203	18.6	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

Instrument :

BNA_G

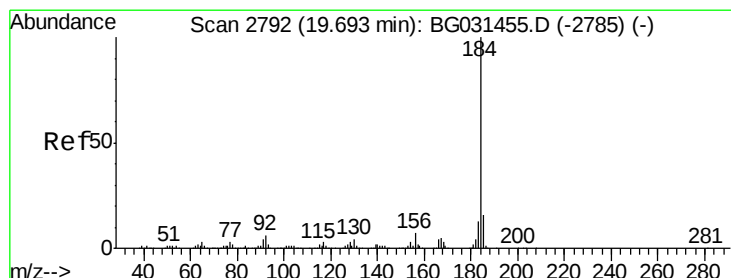
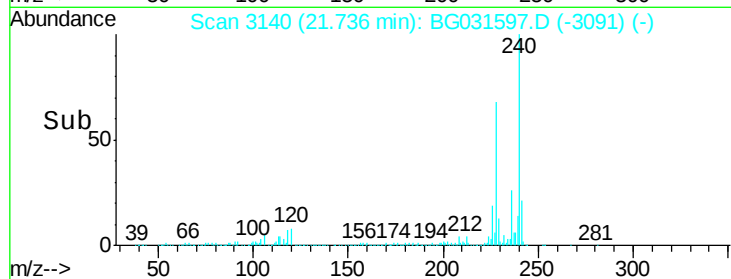
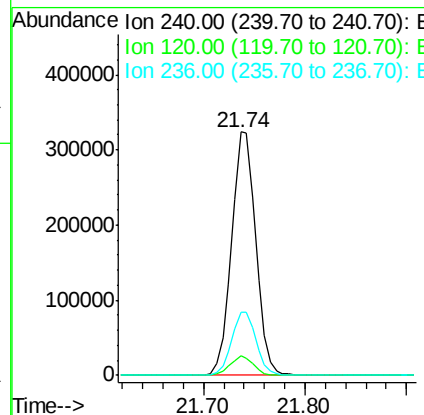
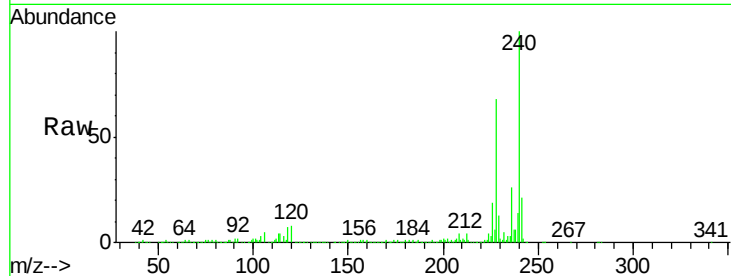
ClientSampleId :

PB105057BS

Tgt Ion:	240	Resp:	536711
Ion Ratio	Lower	Upper	
240	100		
120	8.0	6.8	10.2
236	26.1	20.9	31.3

Manual Integrations
APPROVED

Sohil
12/18/2017 2:06:07 PM



#76

Benzidine

Concen: 29.636 ng

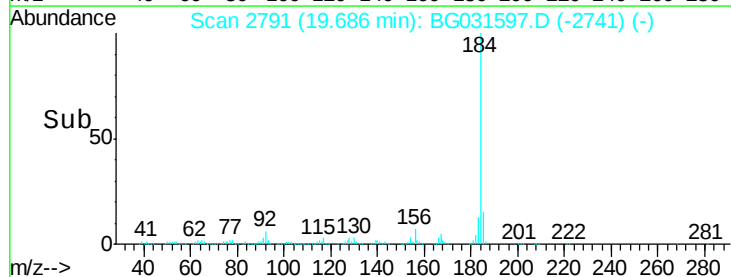
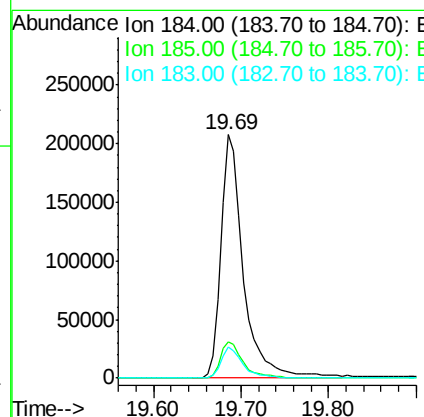
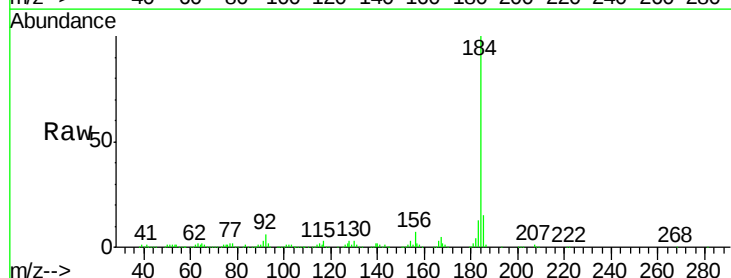
RT: 19.69 min Scan# 2791

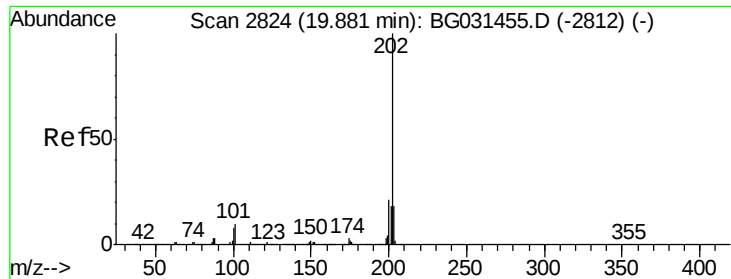
Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

Tgt Ion:	184	Resp:	370157
Ion Ratio	Lower	Upper	
184	100		
185	15.0	11.1	16.7
183	12.8	10.6	16.0





#77

Pyrene

Concen: 39.785 ng

RT: 19.87 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

Instrument :

BNA_G

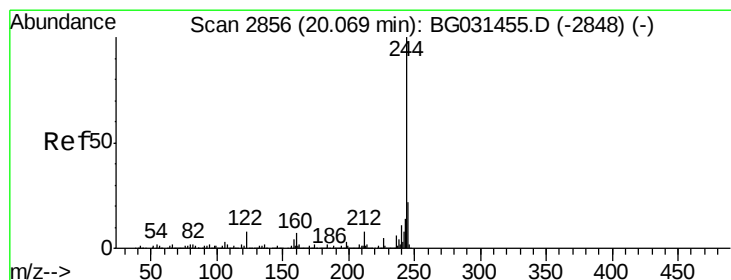
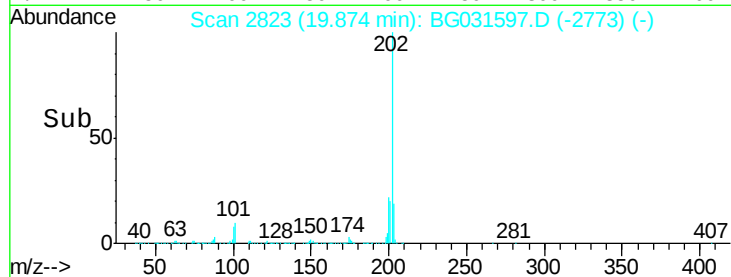
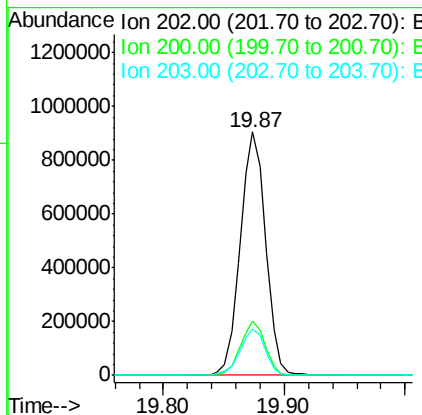
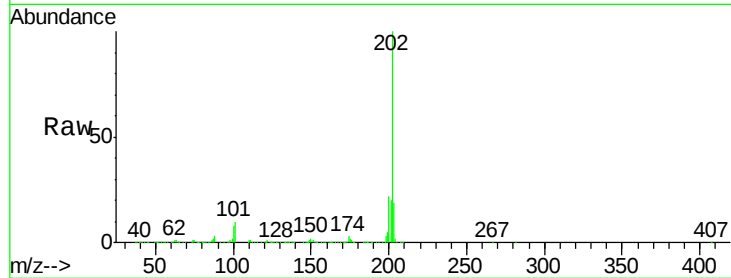
ClientSampleId :

PB105057BS

Tgt Ion:	202	Resp:	1326794
Ion	Ratio	Lower	Upper
202	100		
200	22.2	16.9	25.3
203	19.2	13.9	20.9

Manual Integrations
APPROVED

Sohil
12/18/2017 2:06:07 PM



#78

Terphenyl-d14

Concen: 74.564 ng

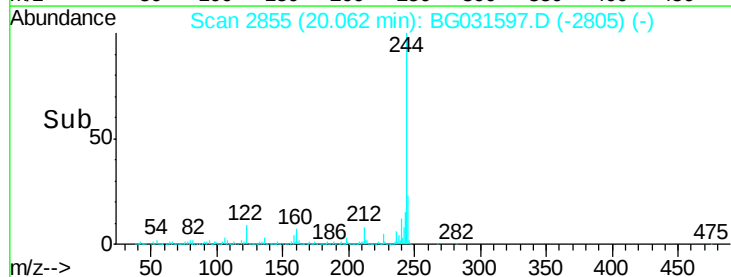
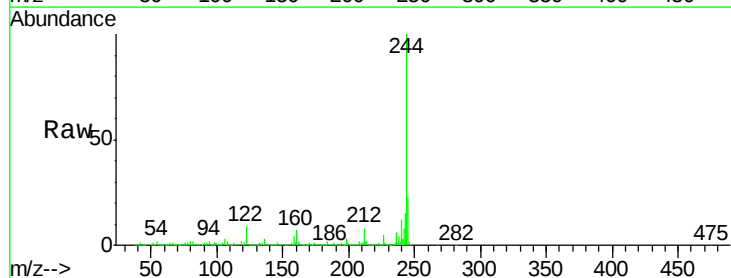
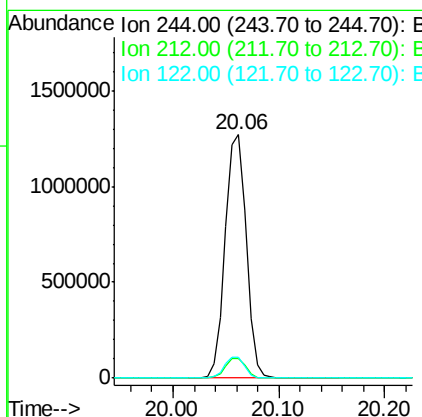
RT: 20.06 min Scan# 2855

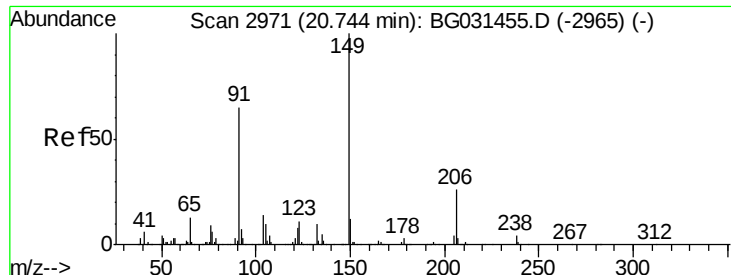
Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

Tgt Ion:	244	Resp:	1758953
Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.8	8.8
122	8.6	7.0	10.4





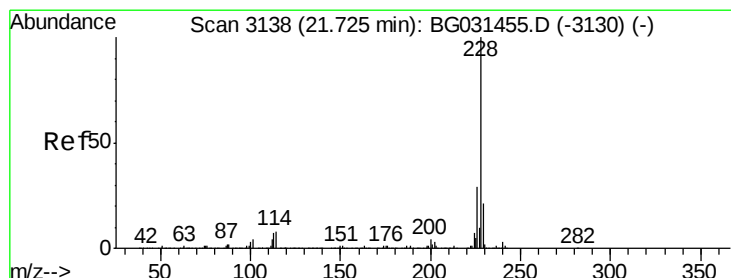
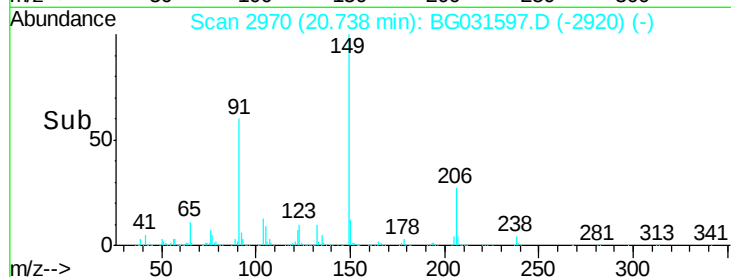
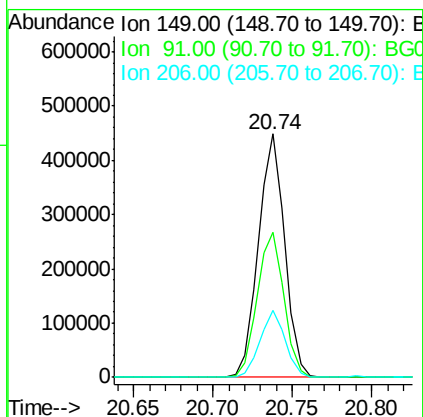
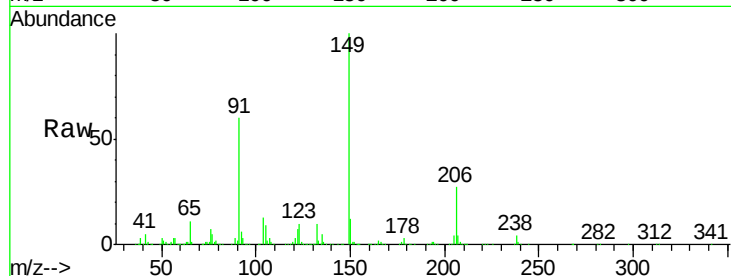
#79
Butylbenzylphthalate
Concen: 44.389 ng
RT: 20.74 min Scan# 2970
Delta R.T. -0.01 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

Instrument :
BNA_G
ClientSampleId :
PB105057BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	519321		
91	59.8	62.2	93.2#	
206	27.5	18.6	27.8	

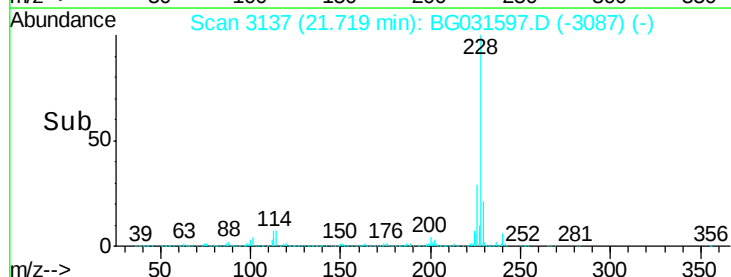
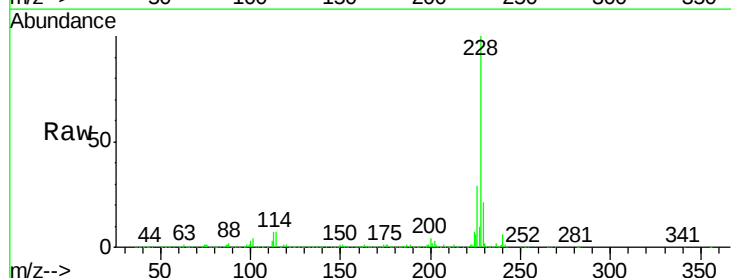
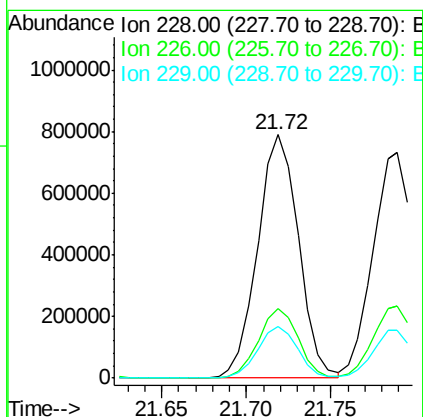
Manual Integrations
APPROVED

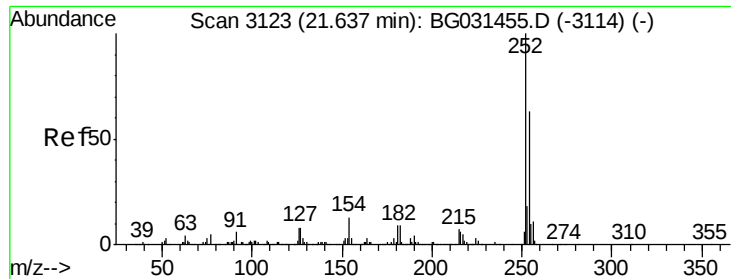
Sohil
12/18/2017 2:06:07 PM



#80
Benzo(a)anthracene
Concen: 41.004 ng
RT: 21.72 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1328320		
226	28.6	22.7	34.1	
229	21.1	16.2	24.2	





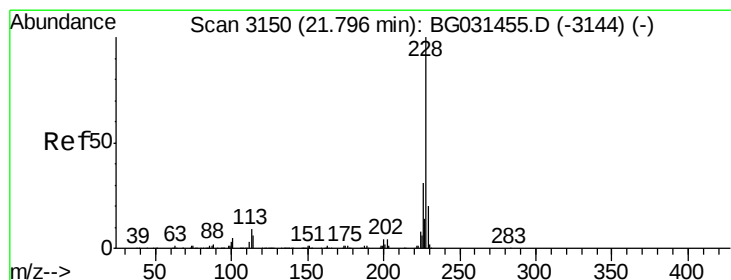
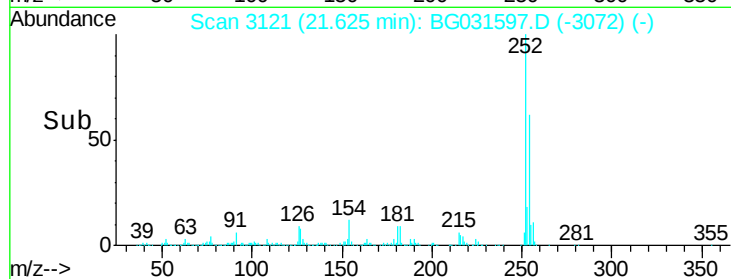
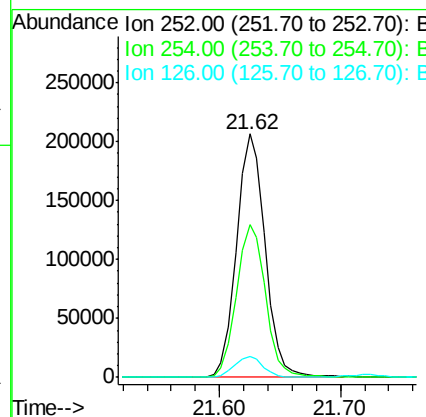
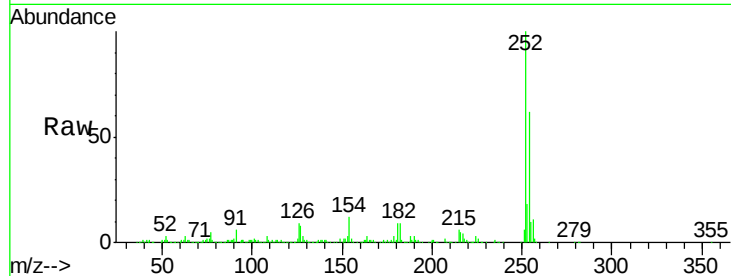
#81
 3,3'-Dichlorobenzidine
 Concen: 30.303 ng
 RT: 21.62 min Scan# 3121
 Delta R.T. -0.01 min
 Lab File: BG031597.D
 Acq: 15 Dec 2017 20:51

Instrument :
 BNA_G
 ClientSampleId :
 PB105057BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.5	50.8	76.2
126	8.8	7.4	11.2

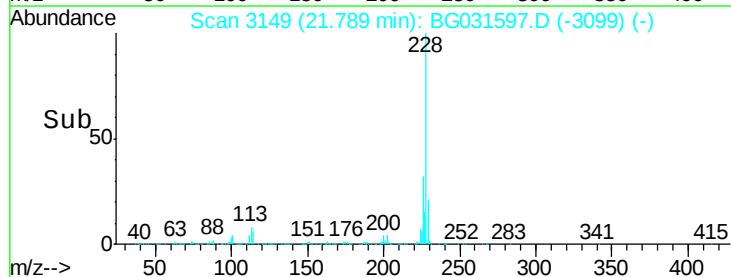
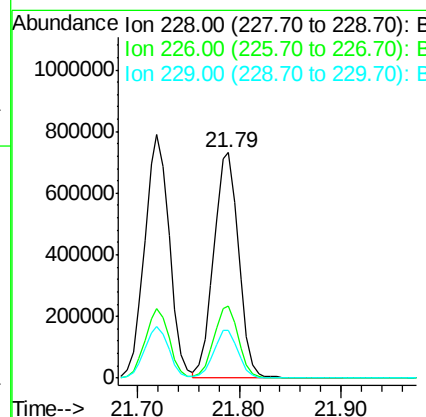
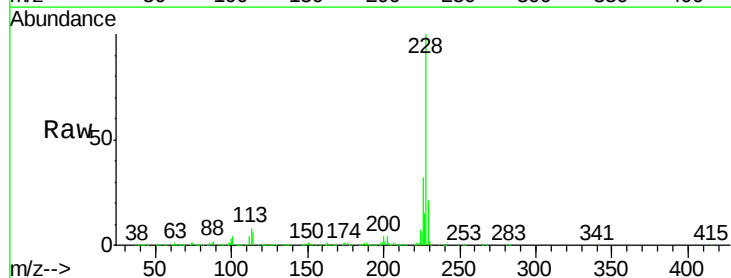
Manual Integrations
 APPROVED

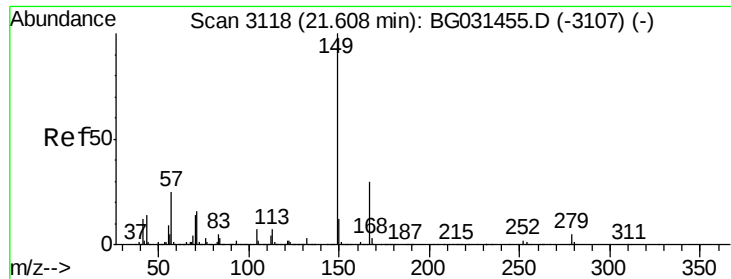
Sohil
 12/18/2017 2:06:07 PM



#82
 Chrysene
 Concen: 40.052 ng
 RT: 21.79 min Scan# 3149
 Delta R.T. -0.01 min
 Lab File: BG031597.D
 Acq: 15 Dec 2017 20:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.9	37.3
229	21.3	15.0	22.4





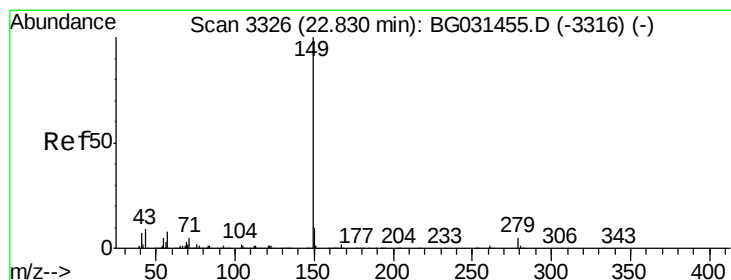
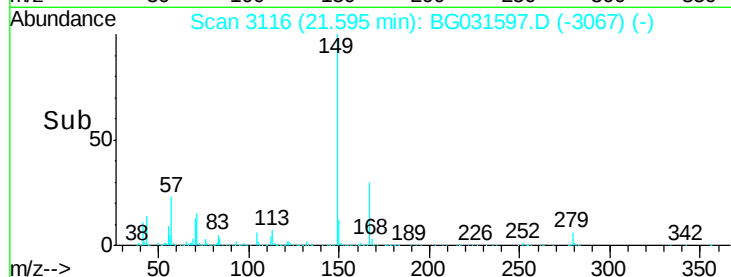
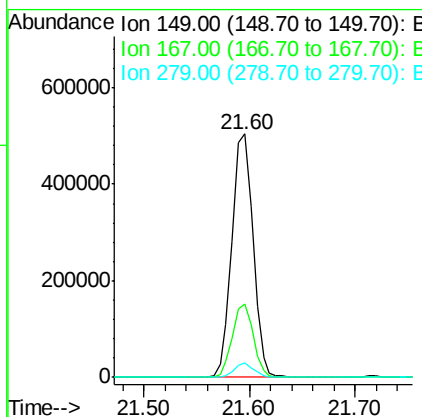
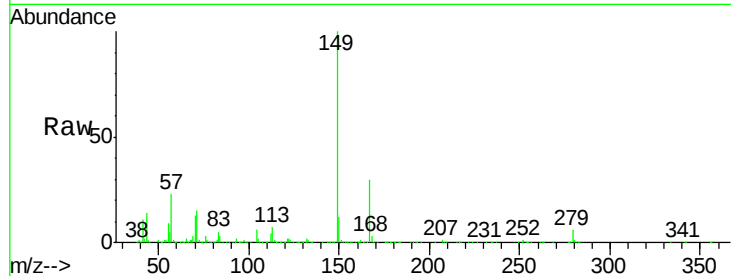
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.260 ng
 RT: 21.60 min Scan# 3116
 Delta R.T. -0.01 min
 Lab File: BG031597.D
 Acq: 15 Dec 2017 20:51

Instrument :
 BNA_G
 ClientSampleId :
 PB105057BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	694480		
167	30.4	24.3	36.5	
279	5.8	4.0	6.0	

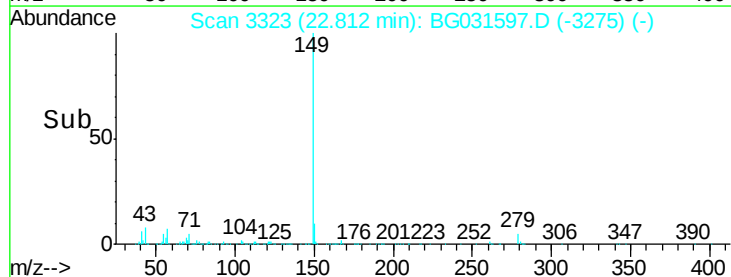
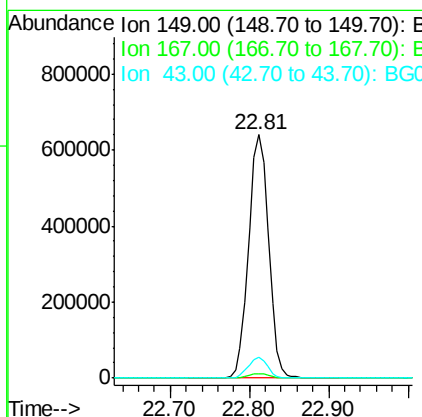
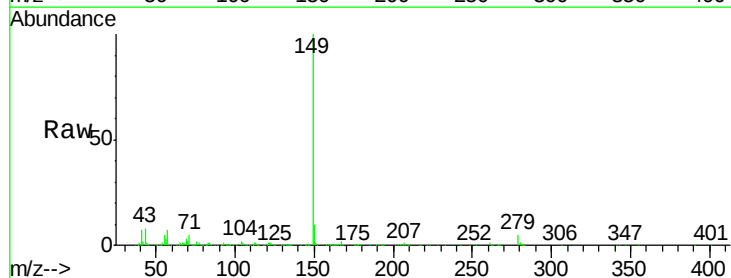
Manual Integrations
 APPROVED

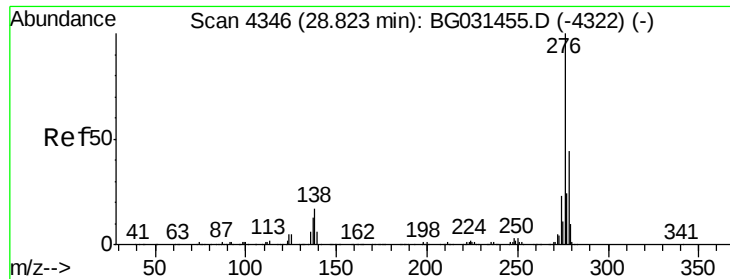
Sohil
 12/18/2017 2:06:07 PM



#84
 Di-n-octyl phthalate
 Concen: 40.698 ng
 RT: 22.81 min Scan# 3323
 Delta R.T. -0.02 min
 Lab File: BG031597.D
 Acq: 15 Dec 2017 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1129942		
167	1.8	1.4	2.0	
43	8.1	8.9	13.3	





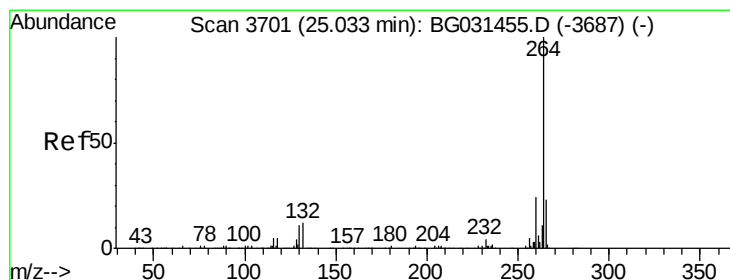
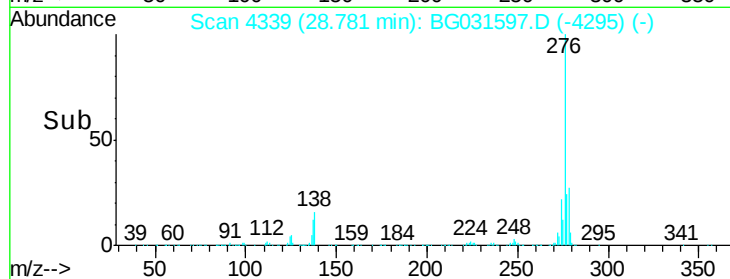
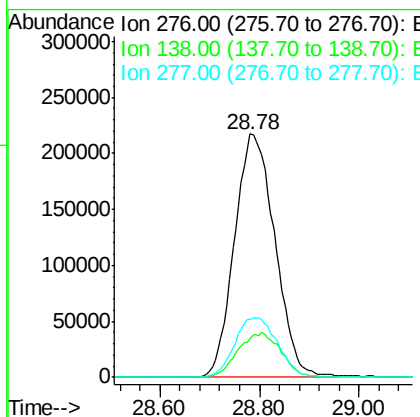
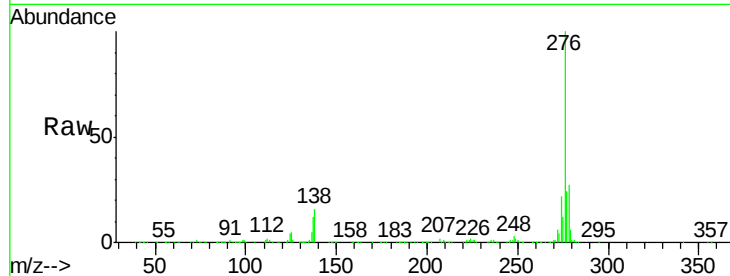
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.952 ng
 RT: 28.78 min Scan# 4339
 Delta R.T. -0.04 min
 Lab File: BG031597.D
 Acq: 15 Dec 2017 20:51

Instrument :
 BNA_G
 ClientSampleId :
 PB105057BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	10.1	16.0	24.0#
277	25.9	20.0	30.0

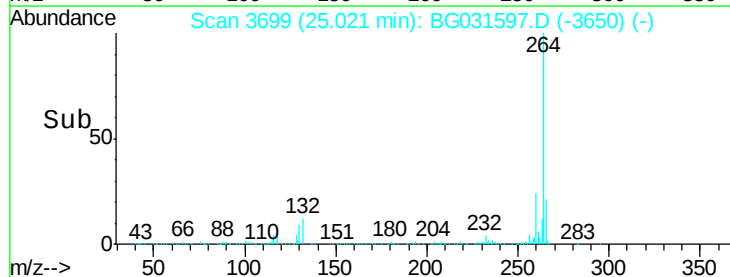
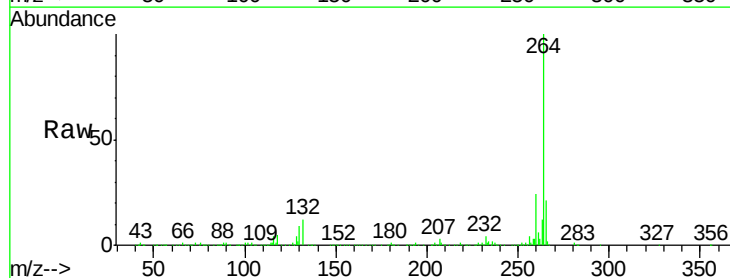
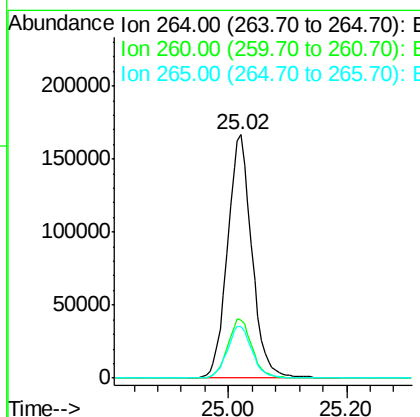
Manual Integrations
 APPROVED

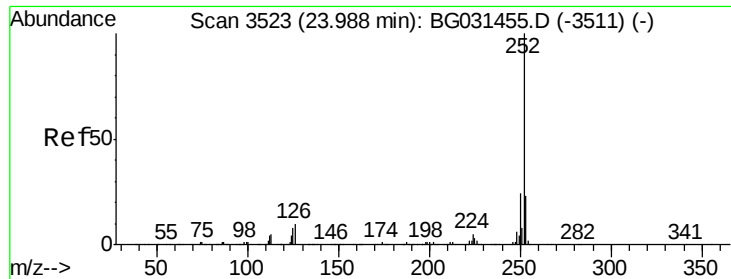
Sohil
 12/18/2017 2:06:07 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.02 min Scan# 3699
 Delta R.T. -0.01 min
 Lab File: BG031597.D
 Acq: 15 Dec 2017 20:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.0
265	21.2	17.7	26.5





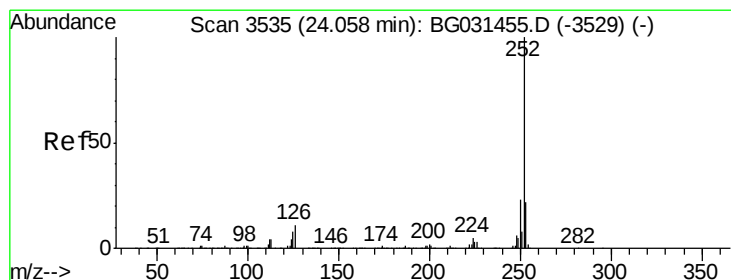
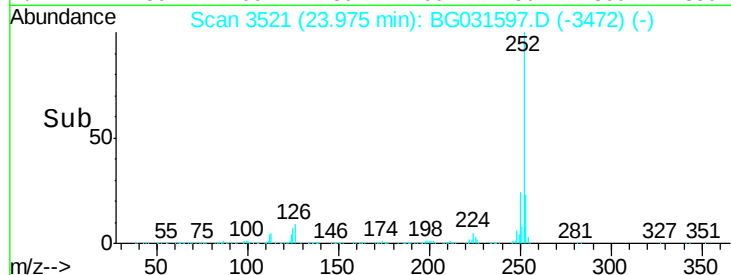
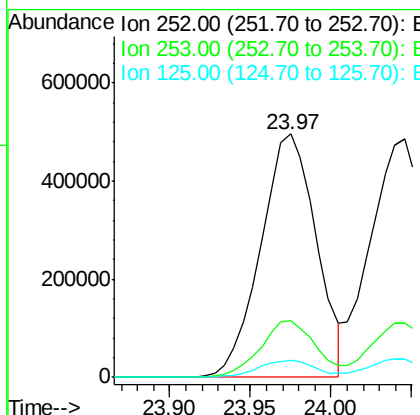
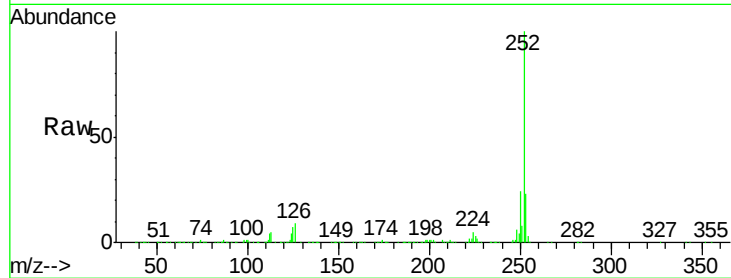
#87
Benzo(b)fluoranthene
Concen: 41.549 ng m
RT: 23.97 min Scan# 3521
Delta R.T. -0.01 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

Instrument :
BNA_G
ClientSampleId :
PB105057BS

Tgt Ion:252 Resp: 1189539
Ion Ratio Lower Upper
252 100
253 23.1 18.2 27.4
125 7.0 7.2 10.8#

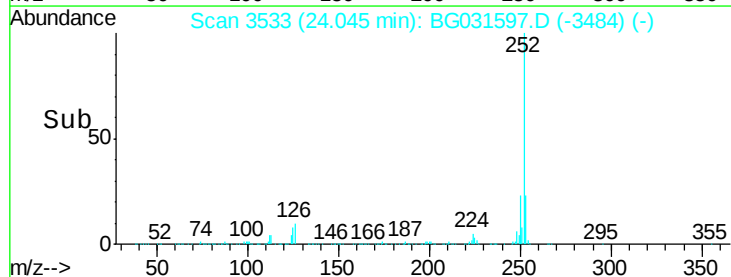
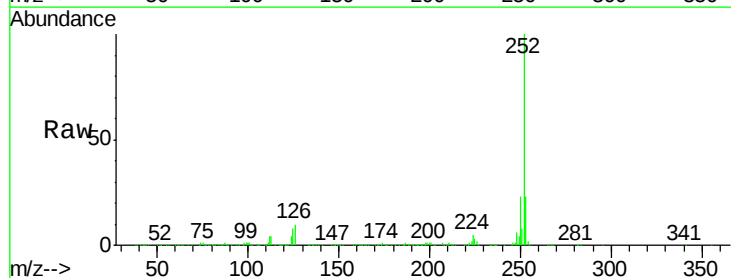
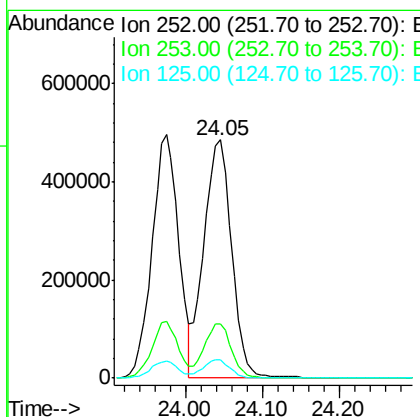
Manual Integrations
APPROVED

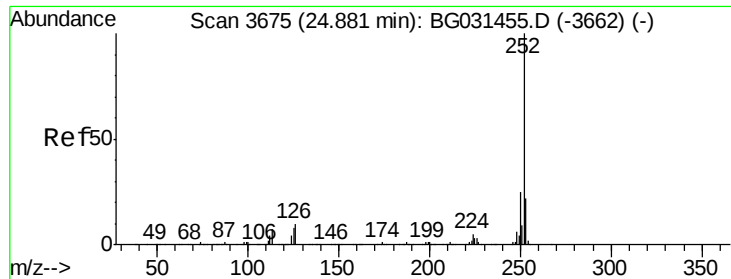
Sohil
12/18/2017 2:06:07 PM



#88
Benzo(k)fluoranthene
Concen: 41.301 ng
RT: 24.05 min Scan# 3533
Delta R.T. -0.01 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

Tgt Ion:252 Resp: 1206681
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.2
125 7.5 6.6 9.8





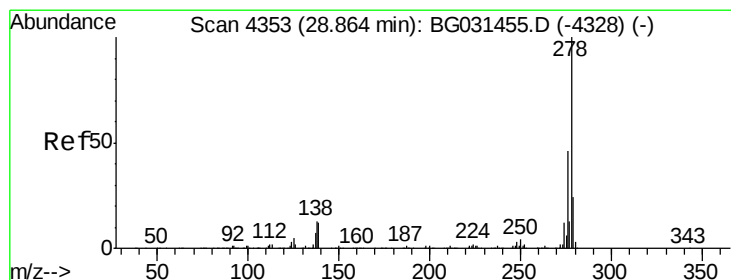
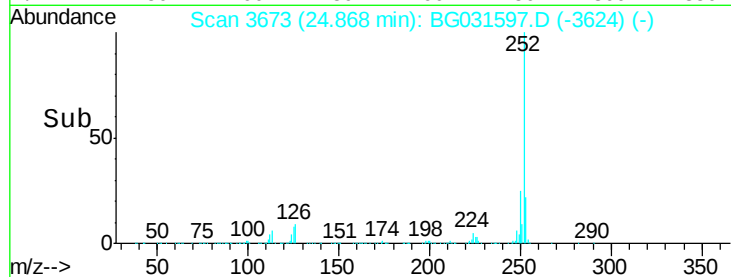
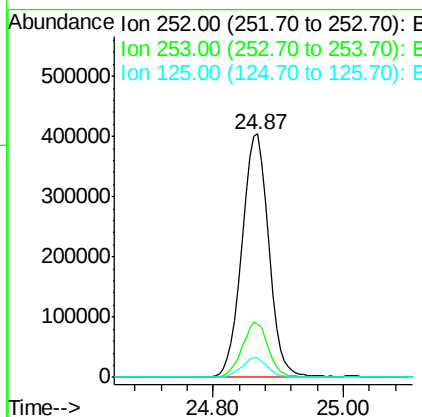
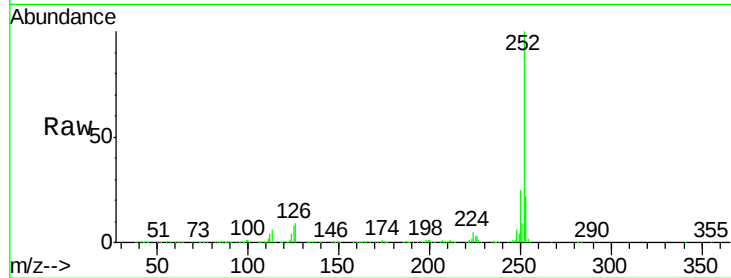
#89
Benzo(a)pyrene
Concen: 42.762 ng
RT: 24.87 min Scan# 3673
Delta R.T. -0.01 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

Instrument :
BNA_G
ClientSampleId :
PB105057BS

Tgt Ion: 252 Resp: 1161359
Ion Ratio Lower Upper
252 100
253 21.9 18.3 27.5
125 7.9 7.3 10.9

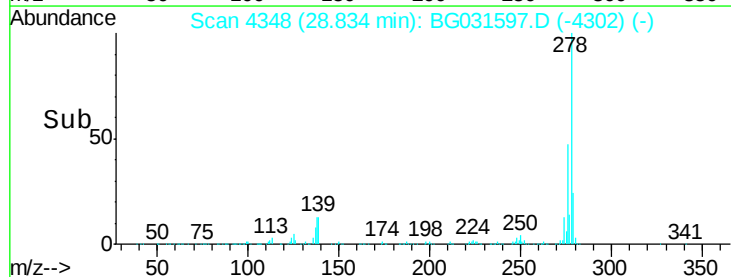
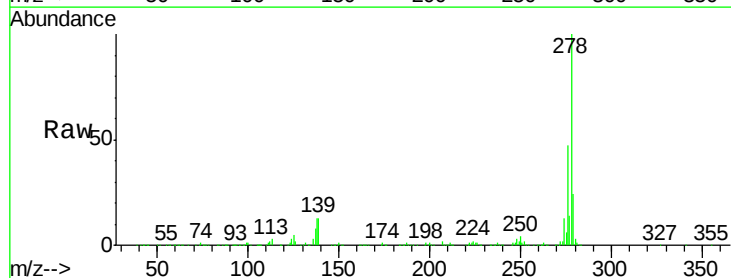
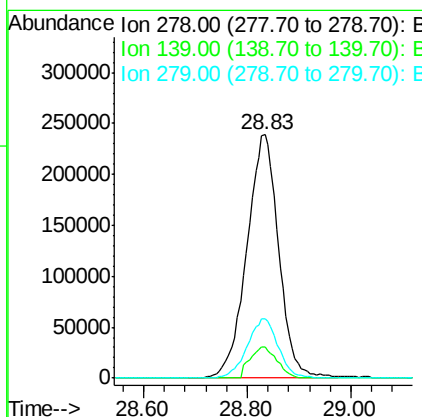
Manual Integrations
APPROVED

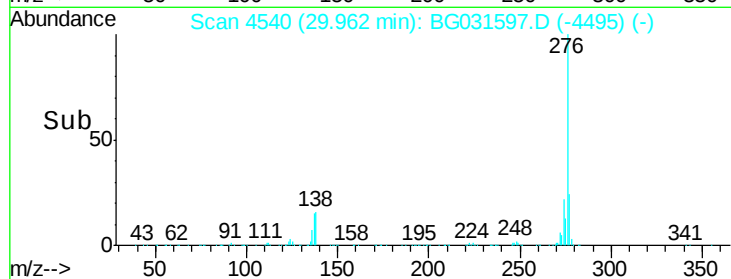
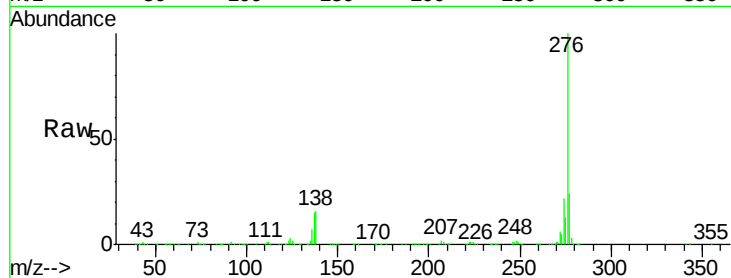
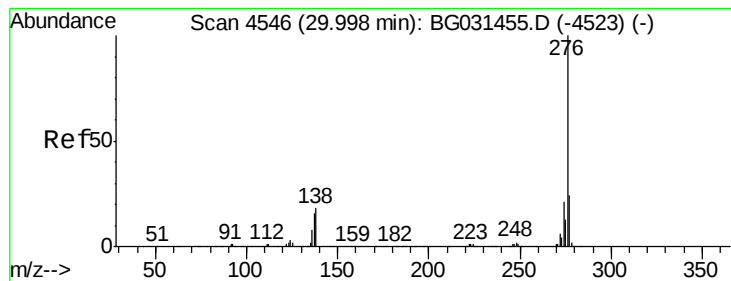
Sohil
12/18/2017 2:06:07 PM



#90
Dibenzo(a,h)anthracene
Concen: 39.345 ng
RT: 28.83 min Scan# 4348
Delta R.T. -0.03 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

Tgt Ion: 278 Resp: 1021825
Ion Ratio Lower Upper
278 100
139 12.8 9.8 14.6
279 24.3 18.4 27.6





#91

Benzo(g,h,i)perylene

Concen: 40.249 ng

RT: 29.96 min Scan# 4540

Delta R.T. -0.04 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

Tgt Ion:	276	Resp:	1027666
Ion Ratio	Lower	Upper	
276	100		
277	23.9	18.3	27.5
138	15.9	13.9	20.9

Instrument :

BNA_G

ClientSampleId :

PB105057BS

Manual Integrations
APPROVED

Sohil
12/18/2017 2:06:07 PM

