

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112217\
 Data File : BG031190.D
 Acq On : 22 Nov 2017 15:32
 Operator : SJ/JU
 Sample : PB104484BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB104484BSD

Manual Integrations
 APPROVED

Sohil
 11/27/2017 3:22:00 PM

Quant Time: Nov 23 01:05:18 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	54708	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	240898	20.00	ng	-0.02
38) Acenaphthene-d10	14.76	164	164901	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	414041	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	471298	20.00	ng	-0.02
86) Perylene-d12	25.06	264	471959	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	434128	136.07	ng	0.00
7) Phenol-d6	7.30	99	561601	130.66	ng	0.00
23) Nitrobenzene-d5	9.31	82	320537	78.85	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	265678	99.60	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	938057	81.74	ng	-0.02
78) Terphenyl-d14	20.09	244	1693164	79.33	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	44706	34.530	ng	# 83
3) Pyridine	3.95	79	132898	35.357	ng	87
4) n-Nitrosodimethylamine	3.87	42	65807	36.942	ng	# 86
6) Aniline	7.46	93	146564	25.910	ng	92
8) 2-Chlorophenol	7.70	128	162877	46.261	ng	91
9) Benzaldehyde	7.27	77	42672	14.187	ng	87
10) Phenol	7.33	94	208580	46.728	ng	90
11) bis(2-Chloroethyl)ether	7.55	93	146134	41.003	ng	87
12) 1,3-Dichlorobenzene	8.03	146	167539	40.558	ng	96
13) 1,4-Dichlorobenzene	8.17	146	169958	40.602	ng	97
14) 1,2-Dichlorobenzene	8.49	146	165648	41.229	ng	96
15) Benzyl Alcohol	8.37	79	138899	40.288	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.66	45	213080	54.127	ng	93
17) 2-Methylphenol	8.58	107	140470	45.191	ng	98
18) Hexachloroethane	9.22	117	59025	40.514	ng	97
19) n-Nitroso-di-n-propylamine	8.94	70	117132	35.841	ng	# 92
20) 3+4-Methylphenols	8.91	107	195100	44.141	ng	95
22) Acetophenone	8.96	105	231579	38.609	ng	# 92
24) Nitrobenzene	9.35	77	172926	41.641	ng	90
25) Isophorone	9.86	82	322718	40.703	ng	# 90
26) 2-Nitrophenol	10.06	139	94221	43.528	ng	# 86
27) 2,4-Dimethylphenol	10.12	122	162545	50.581	ng	90
28) bis(2-Chloroethoxy)methane	10.34	93	209080	41.870	ng	94
29) 2,4-Dichlorophenol	10.60	162	184033	47.690	ng	92
30) 1,2,4-Trichlorobenzene	10.81	180	196032	42.550	ng	99
31) Naphthalene	11.00	128	491107	41.470	ng	98
32) Benzoic acid	10.27	122	85437	33.818	ng	88
33) 4-Chloroaniline	11.12	127	107847	20.803	ng	92
34) Hexachlorobutadiene	11.28	225	125379	39.241	ng	98
35) Caprolactam	11.88	113	60611m	38.449	ng	
36) 4-Chloro-3-methylphenol	12.23	107	181941	43.320	ng	# 82
37) 2-Methylnaphthalene	12.60	142	387455	42.382	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	246771	37.705	ng	96
40) Hexachlorocyclopentadiene	12.94	237	185194	76.973	ng	91

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112217\
 Data File : BG031190.D
 Acq On : 22 Nov 2017 15:32
 Operator : SJ/JU
 Sample : PB104484BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB104484BSD

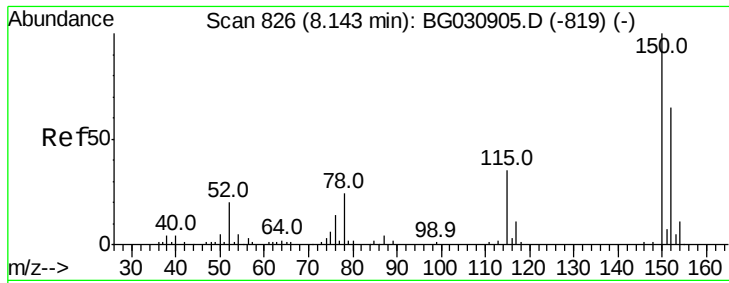
Manual Integrations
 APPROVED

Sohil
 11/27/2017 3:22:00 PM

Quant Time: Nov 23 01:05:18 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	161775	43.238	nq	99
43) 2,4,5-Trichlorophenol	13.29	196	169620	41.435	nq #	92
45) 1,1'-Biphenyl	13.59	154	526642	38.514	nq	98
46) 2-Chloronaphthalene	13.64	162	421482	42.721	nq	95
47) 2-Nitroaniline	13.84	65	117233	40.090	nq #	77
48) Acenaphthylene	14.48	152	652218	40.391	nq	99
49) Dimethylphthalate	14.20	163	562159	39.428	nq	99
50) 2,6-Dinitrotoluene	14.33	165	127832	43.498	nq #	74
51) Acenaphthene	14.82	154	401369	39.799	nq	98
52) 3-Nitroaniline	14.66	138	83936	26.899	nq #	78
53) 2,4-Dinitrophenol	14.88	184	115193	71.891	nq #	47
54) Dibenzofuran	15.15	168	671630	41.811	nq	99
55) 4-Nitrophenol	14.99	139	177745	79.964	nq #	80
56) 2,4-Dinitrotoluene	15.12	165	184724	43.479	nq #	72
57) Fluorene	15.80	166	530853	40.705	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.38	232	169370	43.411	nq #	89
59) Diethylphthalate	15.56	149	563381	38.900	nq	97
60) 4-Chlorophenyl-phenylether	15.78	204	316178	40.143	nq	92
61) 4-Nitroaniline	15.83	138	134457	40.692	nq	84
62) Azobenzene	16.07	77	454835	41.179	nq	94
64) 4,6-Dinitro-2-methylphenol	15.89	198	97115	35.288	nq	79
65) n-Nitrosodiphenylamine	16.00	169	499620	39.822	nq	99
66) 4-Bromophenyl-phenylether	16.67	248	210193	40.083	nq	97
67) Hexachlorobenzene	16.81	284	213015	38.230	nq	95
68) Atrazine	16.94	200	205559	39.709	nq	97
69) Pentachlorophenol	17.16	266	201608	65.456	nq	96
70) Phenanthrene	17.54	178	910767	42.248	nq	99
71) Anthracene	17.63	178	940327	43.532	nq	99
72) Carbazole	17.90	167	857122	42.348	nq	99
73) Di-n-butylphthalate	18.44	149	996440	40.096	nq	100
74) Fluoranthene	19.54	202	1205925	44.181	nq	97
76) Benzidine	19.71	184	483594	31.943	nq	98
77) Pyrene	19.90	202	1214337	43.421	nq	97
79) Butylbenzylphthalate	20.76	149	484994	43.494	nq	85
80) Benzo(a)anthracene	21.75	228	1247098	42.599	nq	99
81) 3,3'-Dichlorobenzidine	21.66	252	302391	25.589	nq	99
82) Chrysene	21.82	228	1180167	43.580	nq	98
83) Bis(2-ethylhexyl)phthalate	21.62	149	676373	42.021	nq	99
84) Di-n-octyl phthalate	22.85	149	1167449	44.562	nq #	93
85) Indeno(1,2,3-cd)pyrene	28.85	276	1348055	40.947	nq	99
87) Benzo(b)fluoranthene	24.02	252	1245827	43.639	nq	98
88) Benzo(k)fluoranthene	24.09	252	1187490	41.964	nq	99
89) Benzo(a)pyrene	24.91	252	1196100	44.102	nq	99
90) Dibenzo(a,h)anthracene	28.91	278	1124493	40.565	nq	97
91) Benzo(g,h,i)perylene	30.03	276	1107444	41.162	nq	98

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



#1

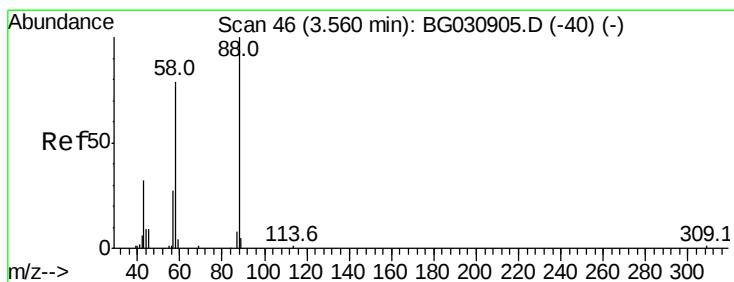
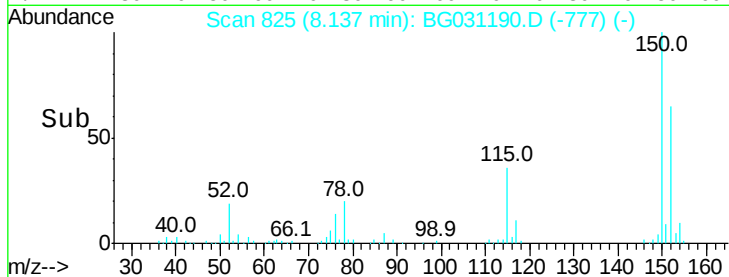
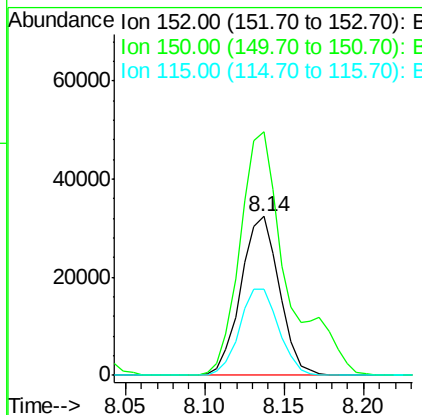
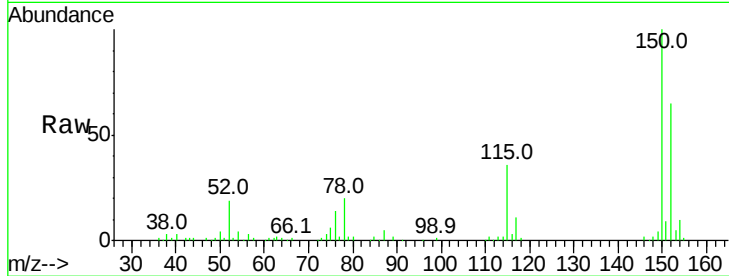
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 825
Delta R.T. -0.02 min
Lab File: BG031190.D
Acq: 22 Nov 2017 15:32

Instrument :
BNA_G
ClientSampleId :
PB104484BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	126.6	189.8
115	54.5	53.0	79.4

Manual Integrations
APPROVED

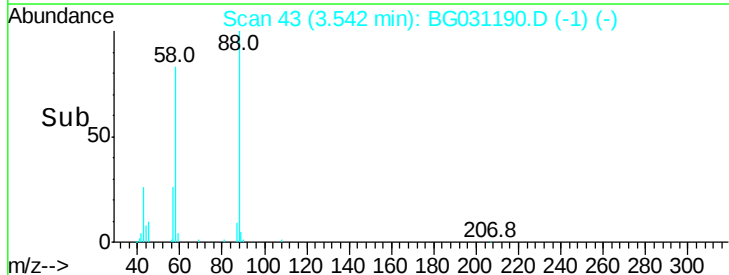
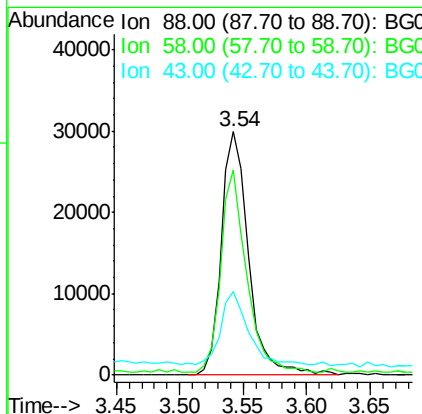
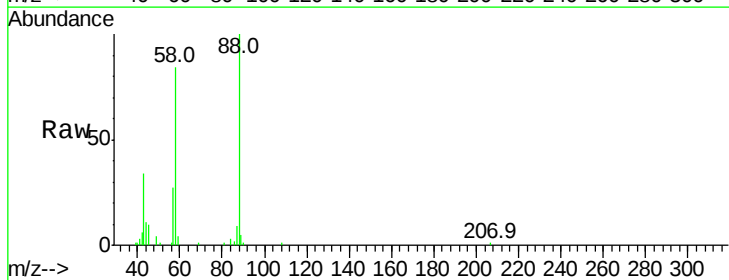
Sohil
11/27/2017 3:22:00 PM

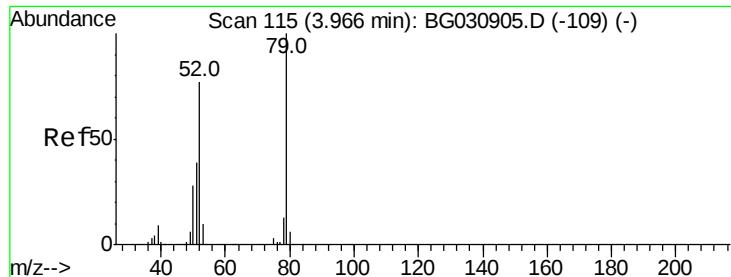


#2

1,4-Dioxane
Concen: 34.530 ng
RT: 3.54 min Scan# 43
Delta R.T. -0.03 min
Lab File: BG031190.D
Acq: 22 Nov 2017 15:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.7	79.6	119.4#
43	30.4	27.4	41.0





#3

Pvridine

Concen: 35.357 ng

RT: 3.95 min Scan# 112

Delta R.T. -0.03 min

Lab File: BG031190.D

Acq: 22 Nov 2017 15:32

Instrument :

BNA_G

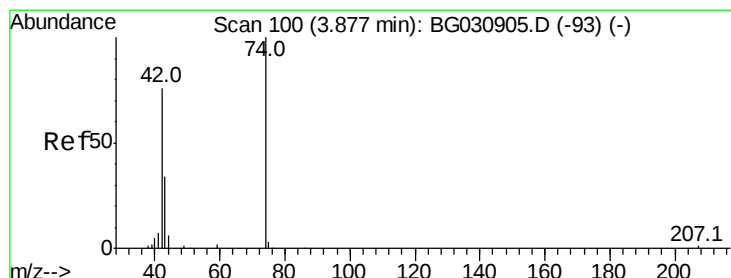
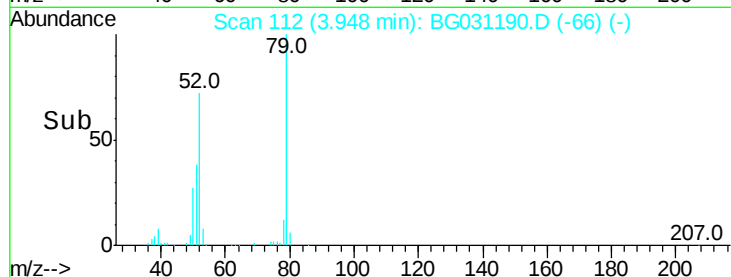
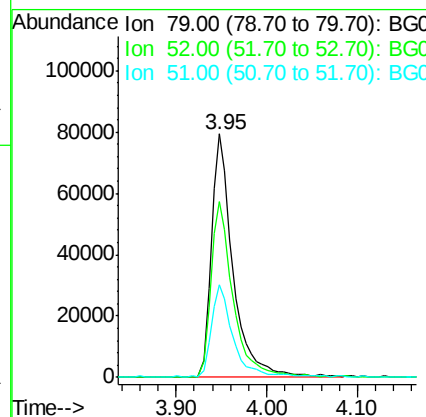
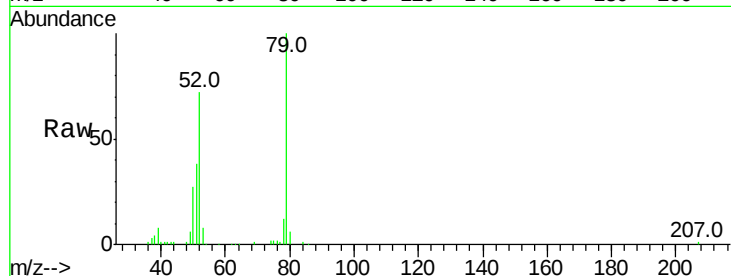
ClientSampleId :

PB104484BSD

Tot Ion:	79	Resp:	132898
Ion Ratio	Lower	Upper	
79	100		
52	72.0	69.9	104.9
51	38.1	34.0	51.0

Manual Integrations
APPROVED

Sohil
11/27/2017 3:22:00 PM



#4

n-Nitrosodimethylamine

Concen: 36.942 ng

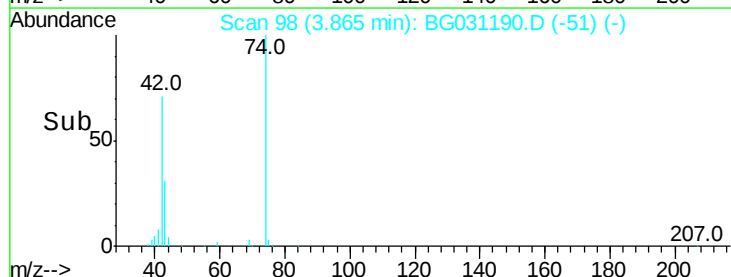
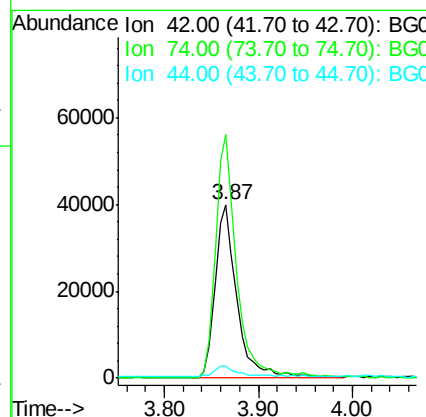
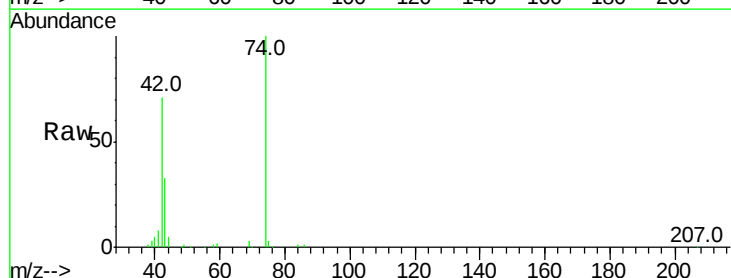
RT: 3.87 min Scan# 98

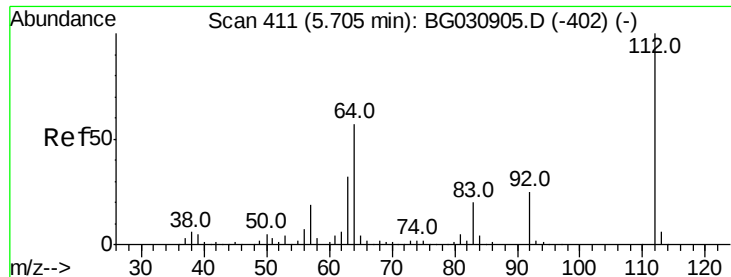
Delta R.T. -0.02 min

Lab File: BG031190.D

Acq: 22 Nov 2017 15:32

Tgt Ion:	42	Resp:	65807
Ion Ratio	Lower	Upper	
42	100		
74	140.1	102.5	153.7
44	6.7	18.9	28.3#





#5

2-Fluorophenol

Concen: 136.072 ng

RT: 5.70 min Scan# 410

Delta R.T. -0.01 min

Lab File: BG031190.D

Acq: 22 Nov 2017 15:32

Instrument :

BNA_G

ClientSampleId :

PB104484BSD

Tot Ion: 112 Resp: 434128

Ion Ratio Lower Upper

112 100

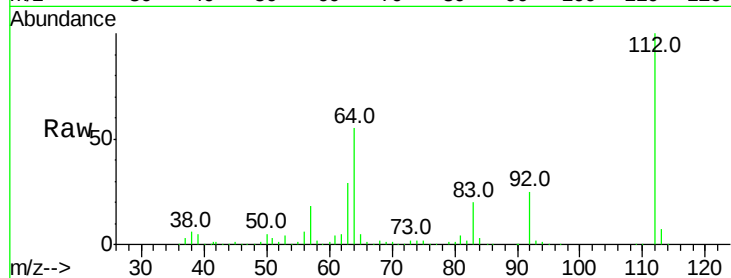
64 55.4 56.3 84.5#

63 29.5 30.1 45.1#

Manual Integrations
APPROVED

Sohil

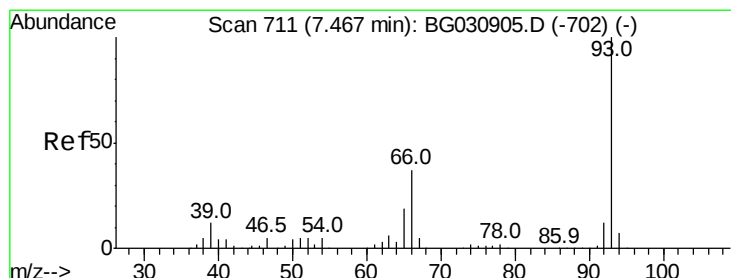
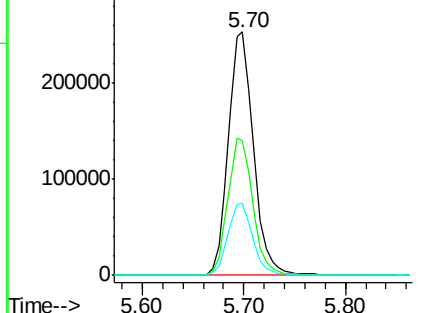
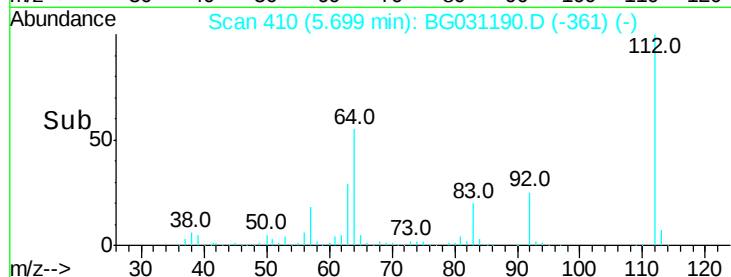
11/27/2017 3:22:00 PM



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 25.910 ng

RT: 7.46 min Scan# 709

Delta R.T. -0.02 min

Lab File: BG031190.D

Acq: 22 Nov 2017 15:32

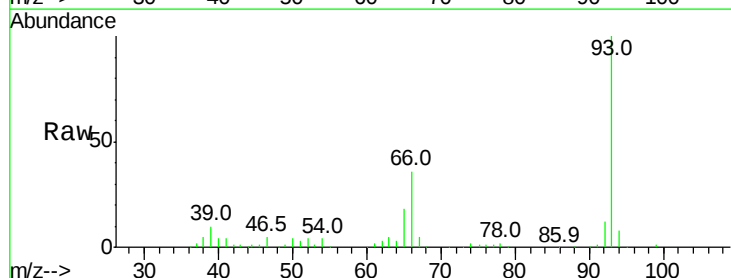
Tgt Ion: 93 Resp: 146564

Ion Ratio Lower Upper

93 100

66 36.0 33.7 50.5

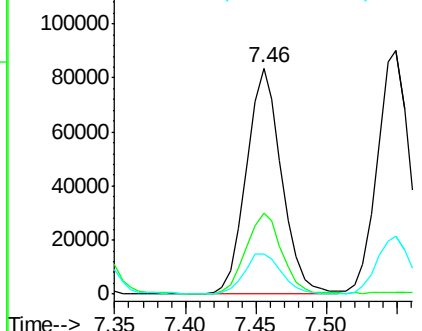
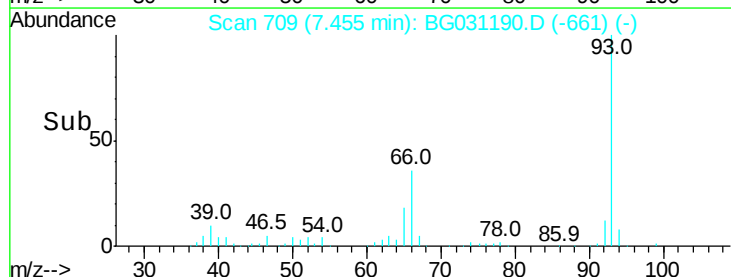
65 18.0 16.1 24.1

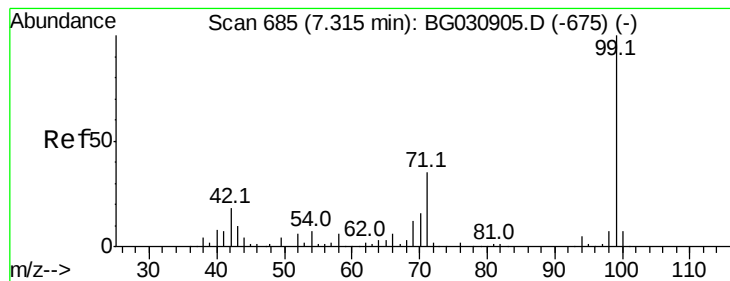


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 130.660 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG031190.D

Acq: 22 Nov 2017 15:32

Instrument :

BNA_G

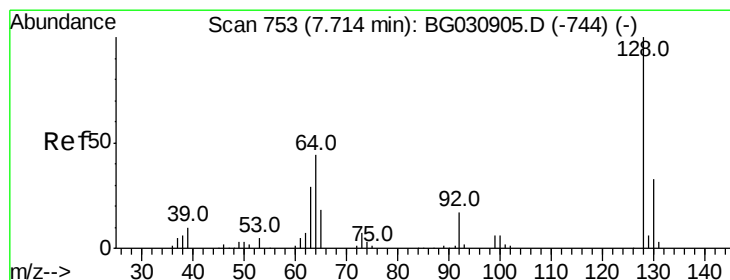
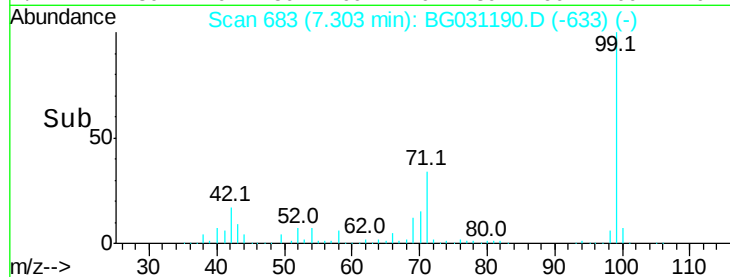
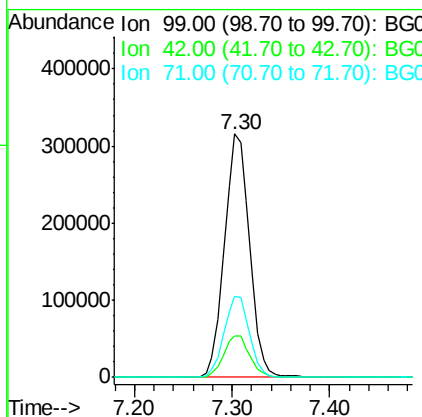
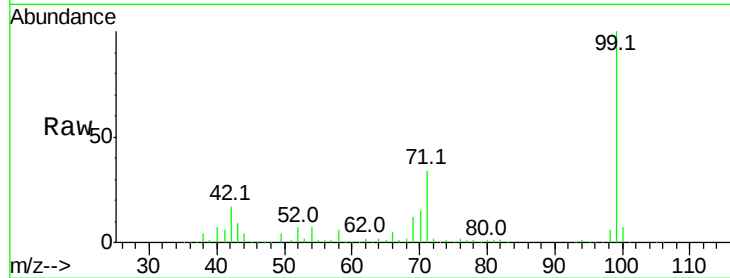
ClientSampleId :

PB104484BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		561601		
42	16.9	14.1	21.1		
71	33.5	26.1	39.1		

Manual Integrations
APPROVED

Sohil
11/27/2017 3:22:00 PM



#8

2-Chlorophenol

Concen: 46.261 ng

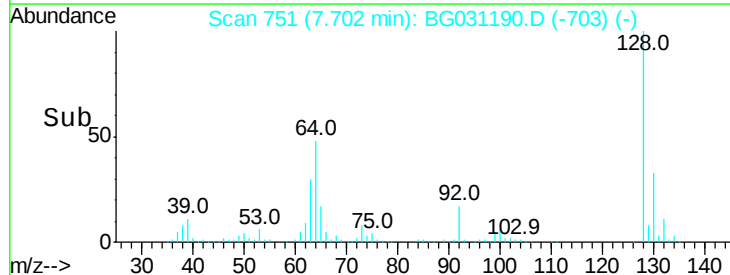
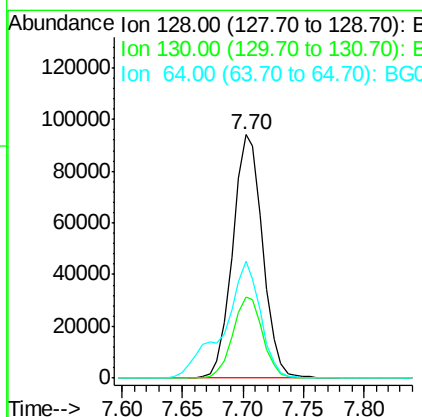
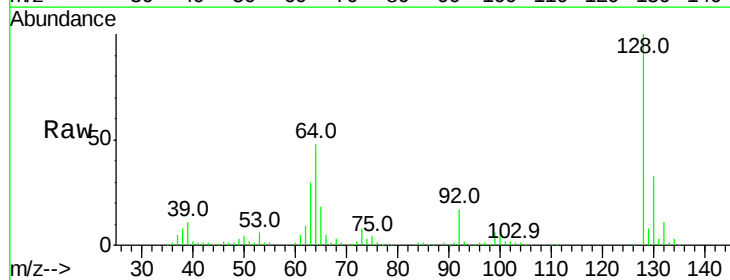
RT: 7.70 min Scan# 751

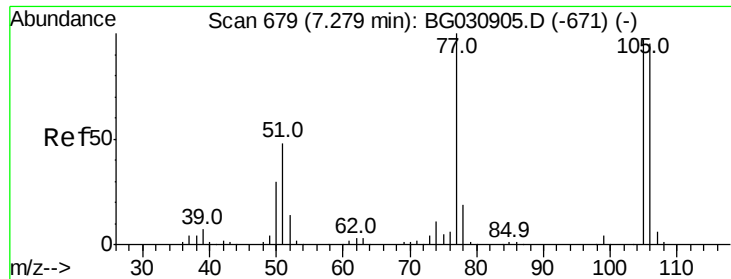
Delta R.T. -0.02 min

Lab File: BG031190.D

Acq: 22 Nov 2017 15:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		162877		
130	33.4	14.0	54.0		
64	47.9	37.7	77.7		





#9

Benzaldehyde

Concen: 14.187 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.02 min

Lab File: BG031190.D

Acq: 22 Nov 2017 15:32

Instrument :

BNA_G

ClientSampleId :

PB104484BSD

Tot Ion: 77 Resp: 42672

Ion Ratio Lower Upper

77 100

105 101.5 71.3 111.3

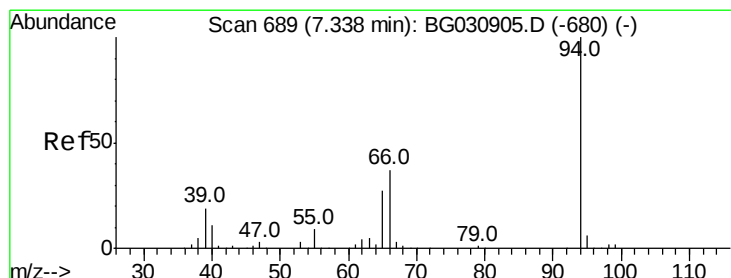
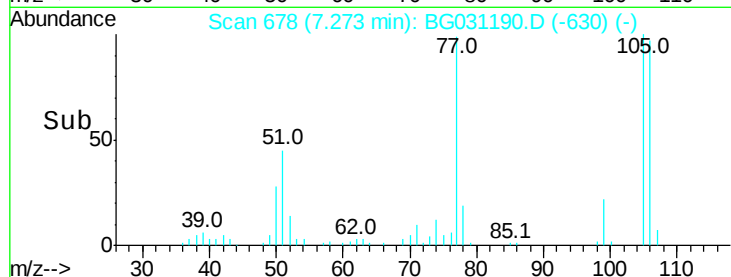
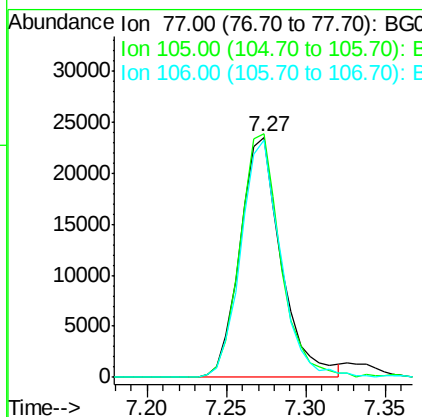
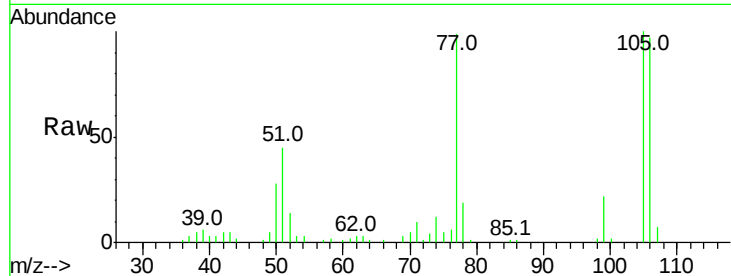
106 98.7 64.2 104.2

Manual Integrations

APPROVED

Sohil

11/27/2017 3:22:00 PM



#10

Phenol

Concen: 46.728 ng

RT: 7.33 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG031190.D

Acq: 22 Nov 2017 15:32

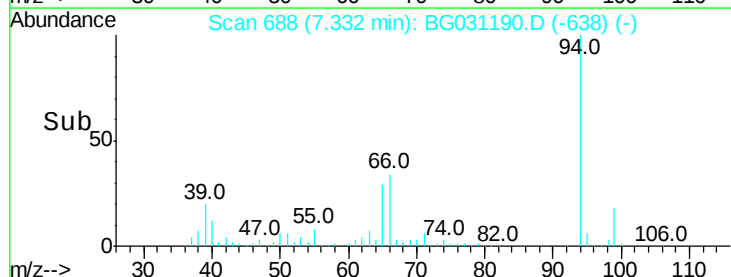
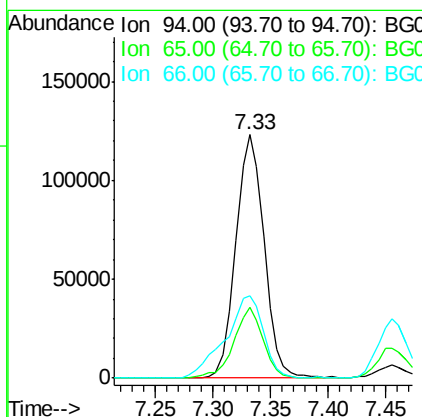
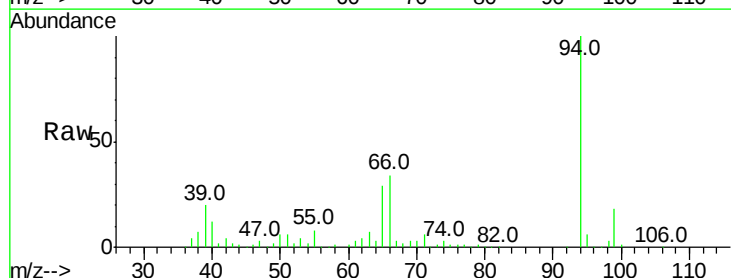
Tgt Ion: 94 Resp: 208580

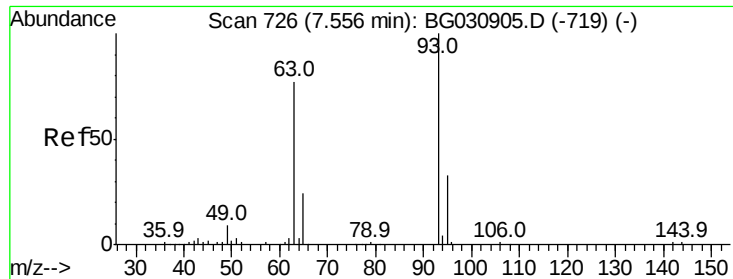
Ion Ratio Lower Upper

94 100

65 28.9 11.9 51.9

66 33.8 22.2 62.2





#11

bis(2-Chloroethyl)ether

Concen: 41.003 ng

RT: 7.55 min Scan# 725

Delta R.T. -0.02 min

Lab File: BG031190.D

Acq: 22 Nov 2017 15:32

Instrument :

BNA_G

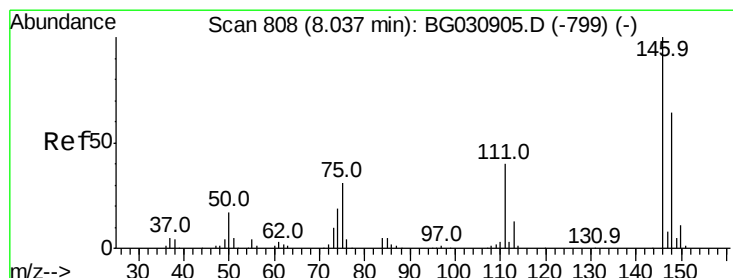
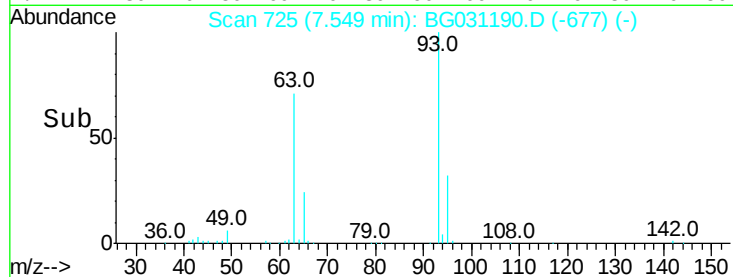
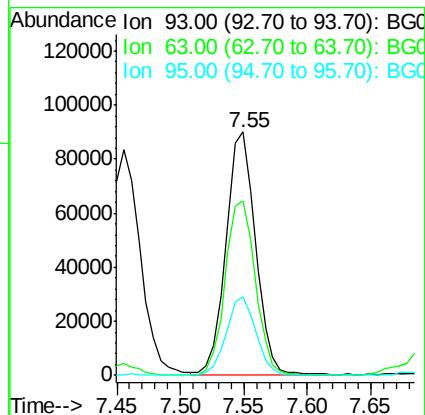
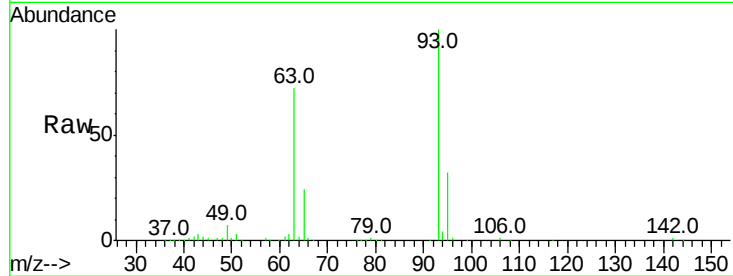
ClientSampleId :

PB104484BSD

Tot Ion:	93	Resp:	146134
Ion Ratio	Lower	Upper	
93	100		
63	71.6	67.1	107.1
95	32.1	11.5	51.5

Manual Integrations
APPROVED

Sohil
11/27/2017 3:22:00 PM



#12

1,3-Dichlorobenzene

Concen: 40.558 ng

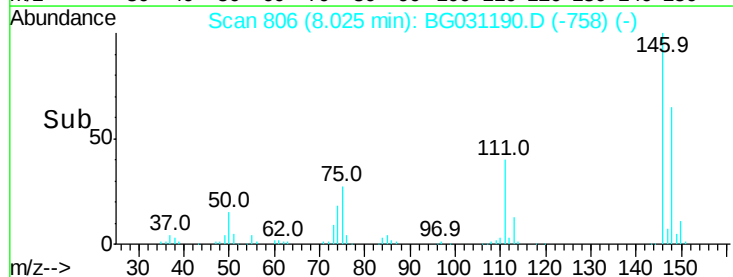
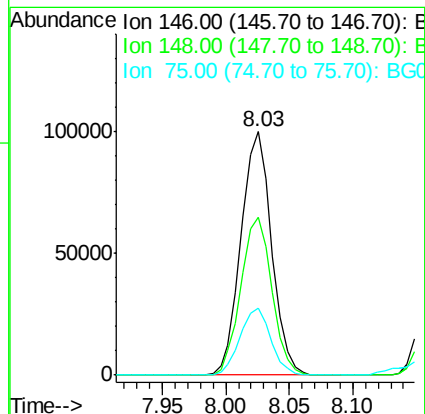
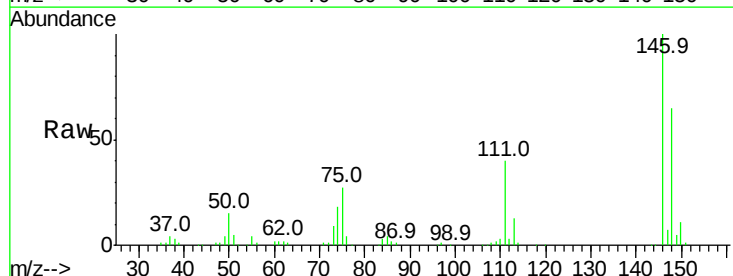
RT: 8.03 min Scan# 806

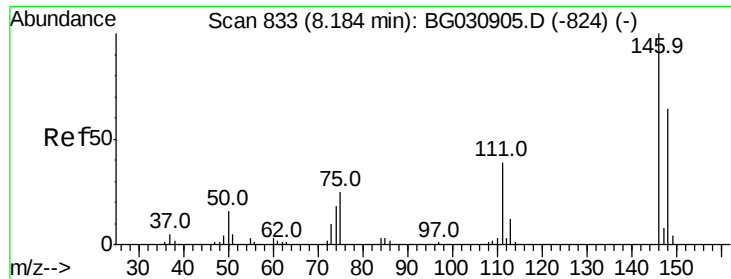
Delta R.T. -0.02 min

Lab File: BG031190.D

Acq: 22 Nov 2017 15:32

Tgt Ion:	146	Resp:	167539
Ion Ratio	Lower	Upper	
146	100		
148	65.0	51.4	77.2
75	27.4	26.6	39.8





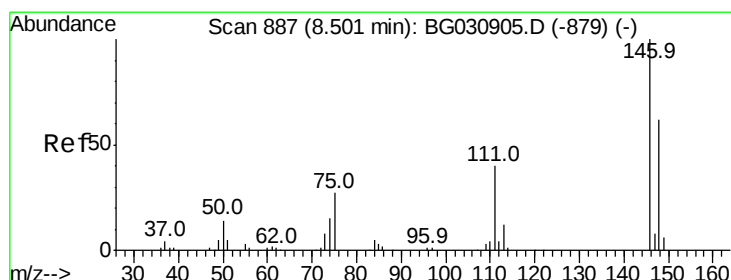
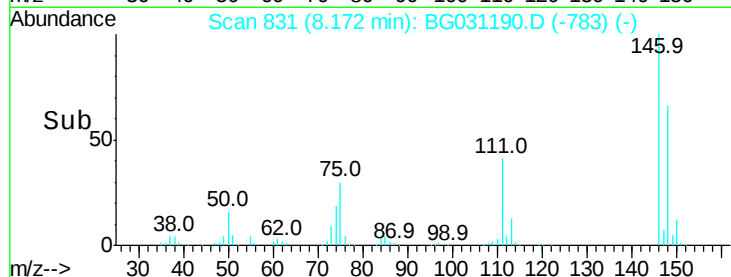
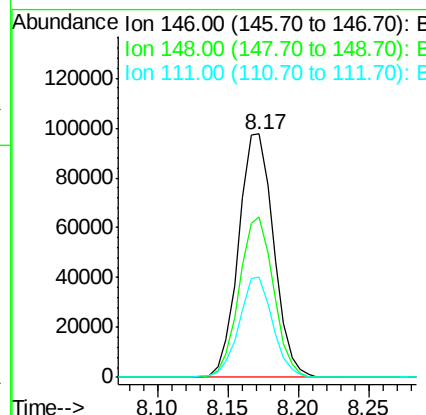
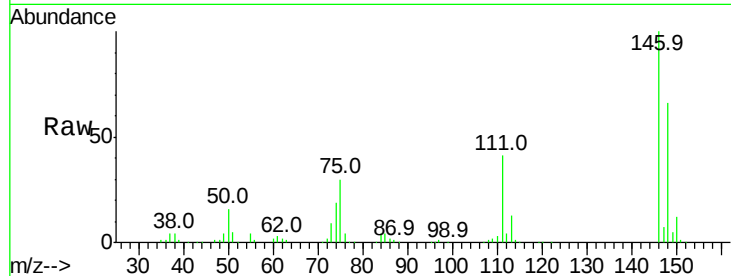
#13
 1,4-Dichlorobenzene
 Concen: 40.602 ng
 RT: 8.17 min Scan# 831
 Delta R.T. -0.02 min
 Lab File: BG031190.D
 Acq: 22 Nov 2017 15:32

Instrument :
 BNA_G
 ClientSampleId :
 PB104484BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.1	53.7	80.5
111	41.0	35.2	52.8

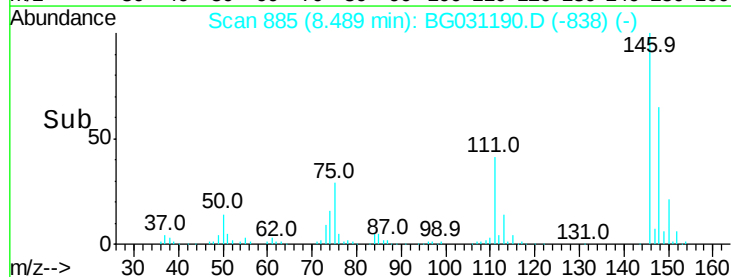
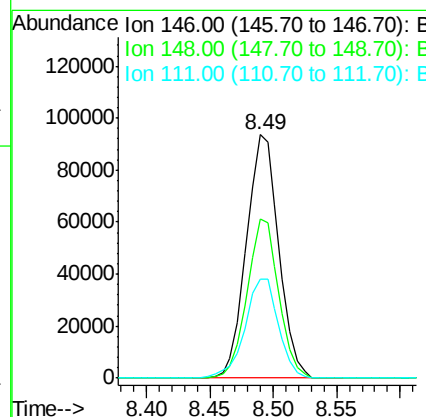
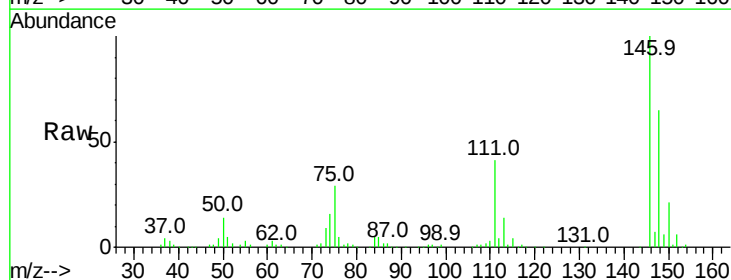
Manual Integrations
 APPROVED

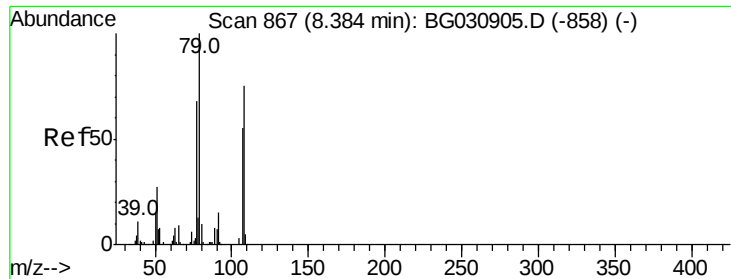
Sohil
 11/27/2017 3:22:00 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.229 ng
 RT: 8.49 min Scan# 885
 Delta R.T. -0.02 min
 Lab File: BG031190.D
 Acq: 22 Nov 2017 15:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	49.3	73.9
111	40.9	34.3	51.5





#15

Benzyl Alcohol

Concen: 40.288 ng

RT: 8.37 min Scan# 865

Delta R.T. -0.02 min

Lab File: BG031190.D

Acq: 22 Nov 2017 15:32

Instrument :

BNA_G

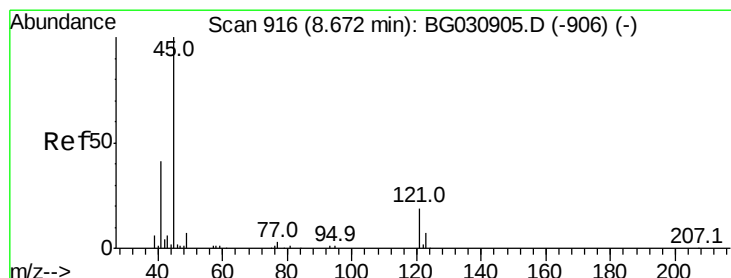
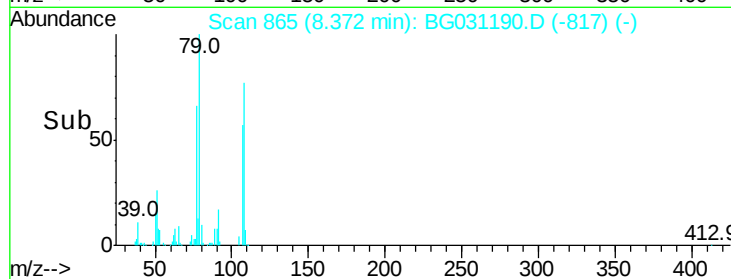
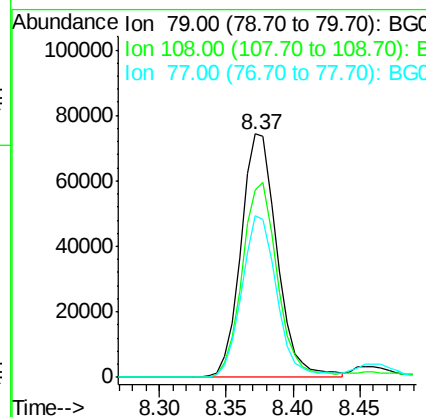
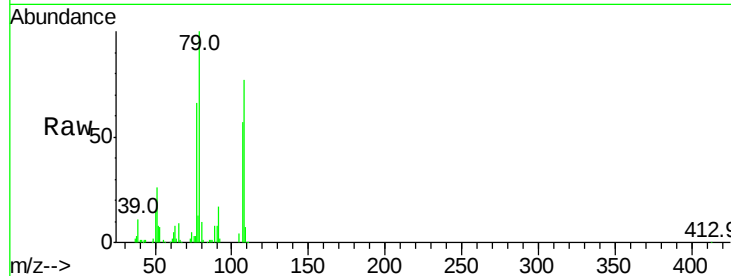
ClientSampleID :

PB104484BSD

Tot Ion:	79	Resp:	138899
Ion Ratio	Lower	Upper	
79	100		
108	76.8	57.2	85.8
77	66.2	46.1	69.1

Manual Integrations
APPROVED

Sohil
11/27/2017 3:22:00 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 54.127 ng

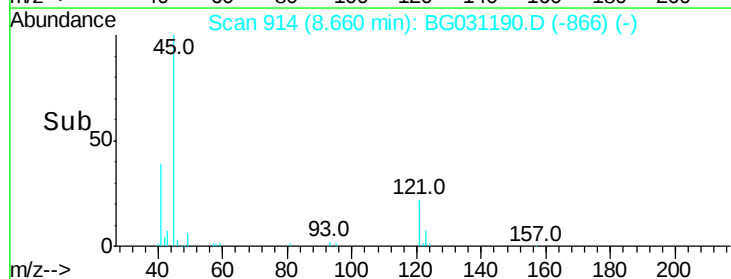
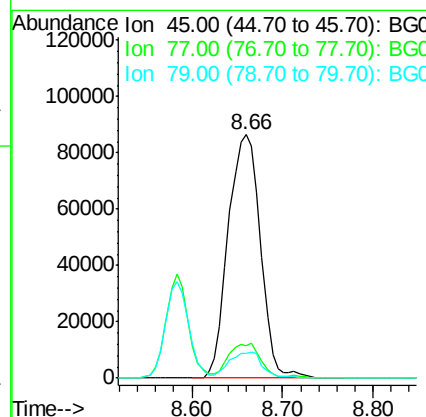
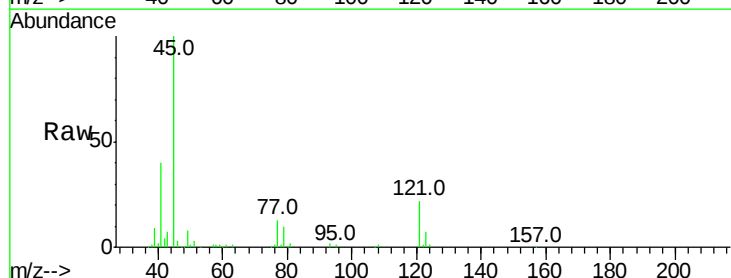
RT: 8.66 min Scan# 914

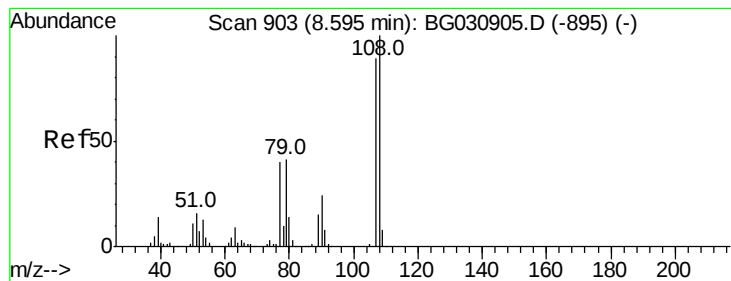
Delta R.T. -0.02 min

Lab File: BG031190.D

Acq: 22 Nov 2017 15:32

Tgt Ion:	45	Resp:	213080
Ion Ratio	Lower	Upper	
45	100		
77	13.2	0.0	30.2
79	10.1	0.0	27.9





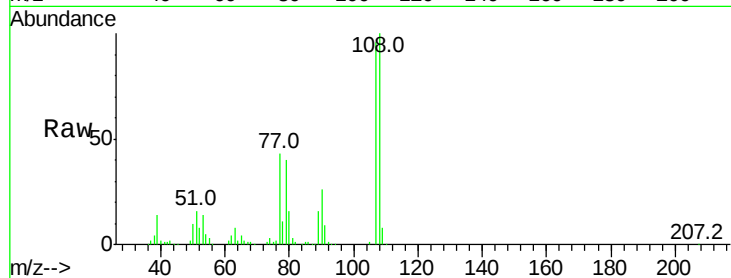
#17
2-Methylphenol
Concen: 45.191 ng
RT: 8.58 min Scan# 901
Delta R.T. -0.01 min
Lab File: BG031190.D
Acq: 22 Nov 2017 15:32

Instrument :
BNA_G
ClientSampleId :
PB104484BSD

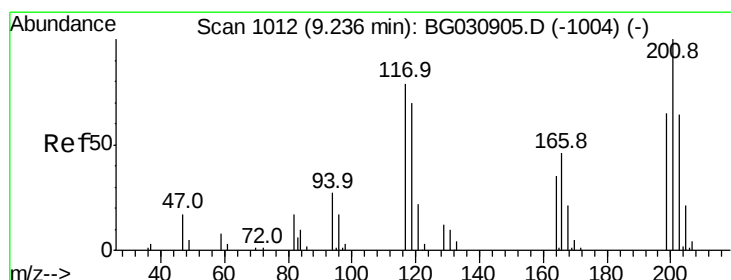
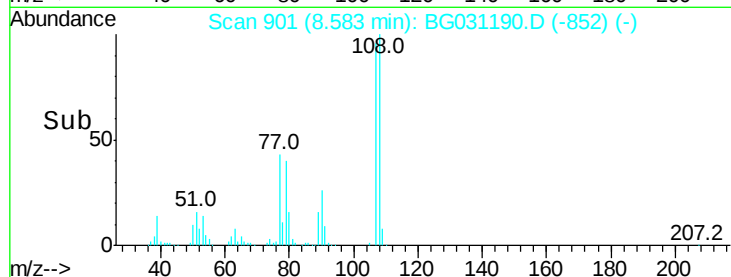
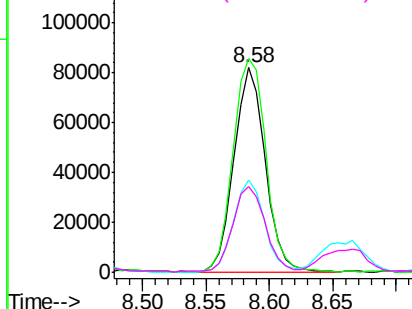
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	104.5	83.9	125.9	
77	45.1	37.2	55.8	
79	41.8	36.2	54.2	

Manual Integrations
APPROVED

Sohil
11/27/2017 3:22:00 PM

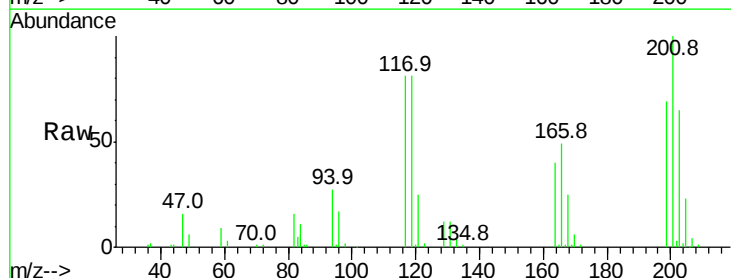


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

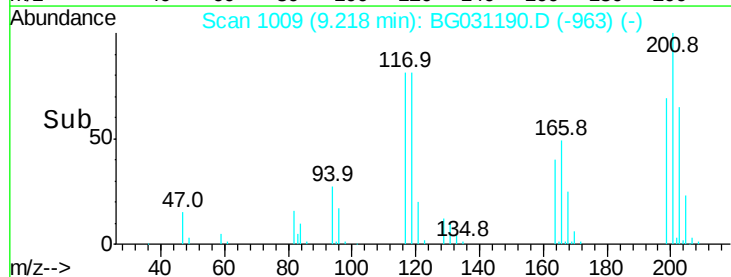
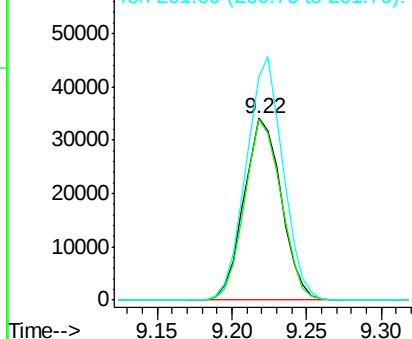


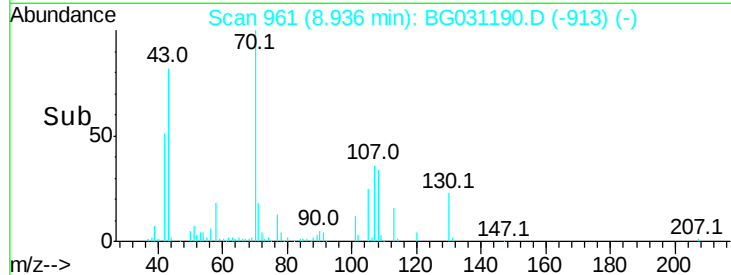
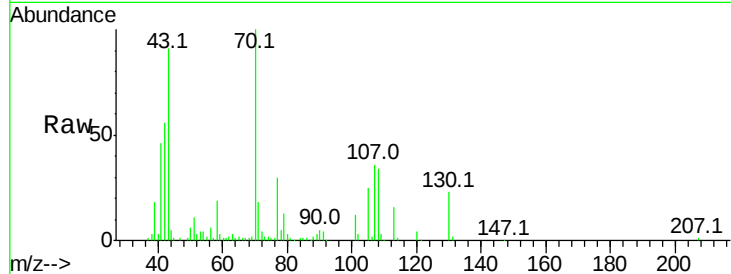
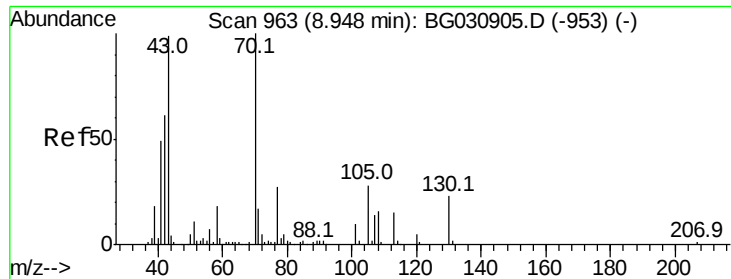
#18
Hexachloroethane
Concen: 40.514 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.03 min
Lab File: BG031190.D
Acq: 22 Nov 2017 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.4	76.7	115.1	
201	123.2	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





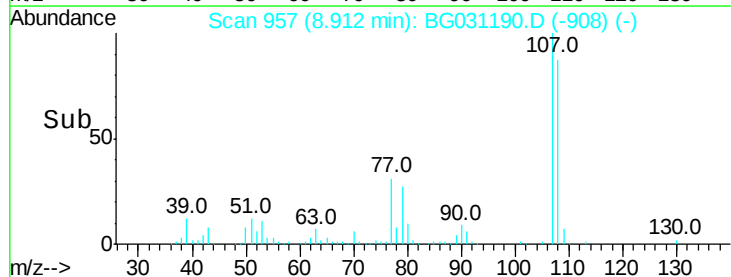
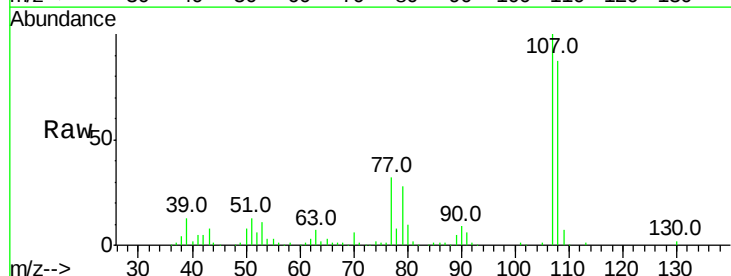
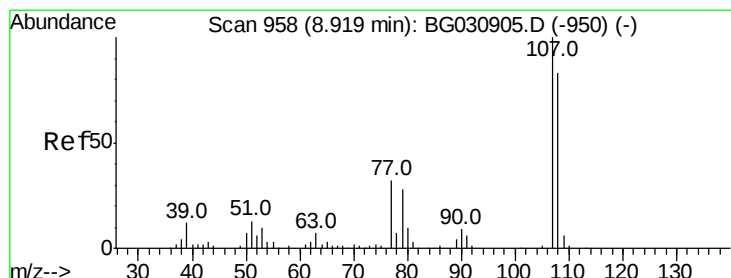
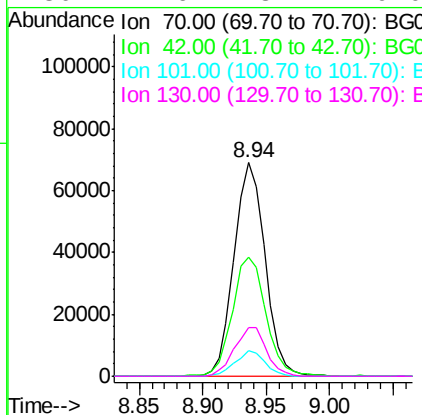
#19
n-Nitroso-di-n-propylamine
Concen: 35.841 ng
RT: 8.94 min Scan# 961
Delta R.T. -0.02 min
Lab File: BG031190.D
Acq: 22 Nov 2017 15:32

Instrument :
BNA_G
ClientSampleId :
PB104484BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.8	49.1	73.7
101	11.8	8.5	12.7
130	22.6	13.4	20.0#

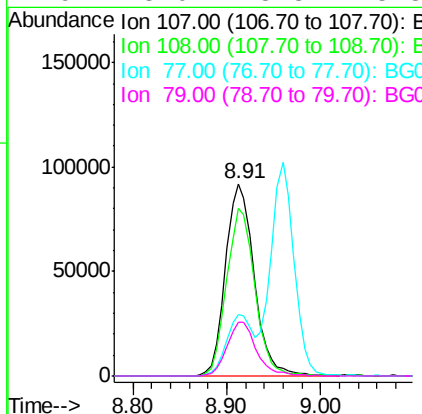
Manual Integrations
APPROVED

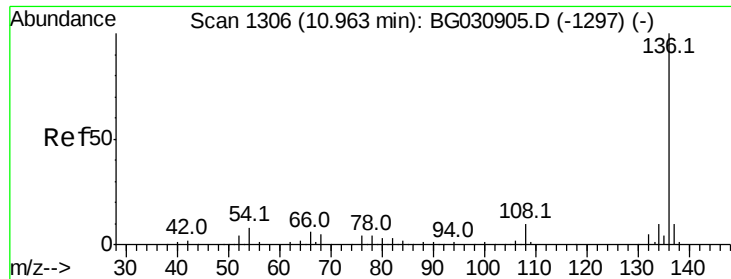
Sohil
11/27/2017 3:22:00 PM



#20
3+4-Methylphenols
Concen: 44.141 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.01 min
Lab File: BG031190.D
Acq: 22 Nov 2017 15:32

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.4	61.6	101.6
77	32.0	13.9	53.9
79	28.0	8.8	48.8





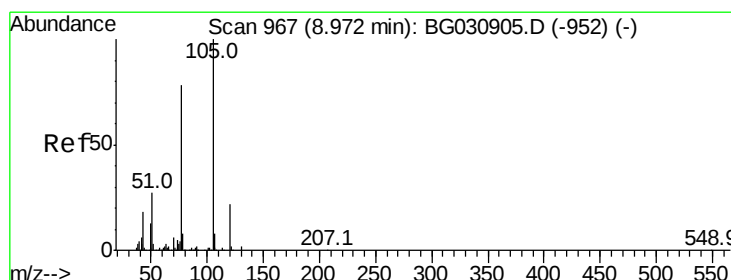
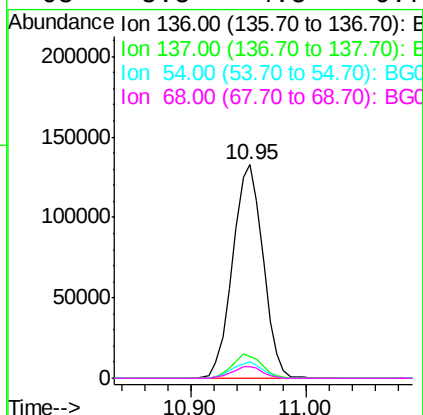
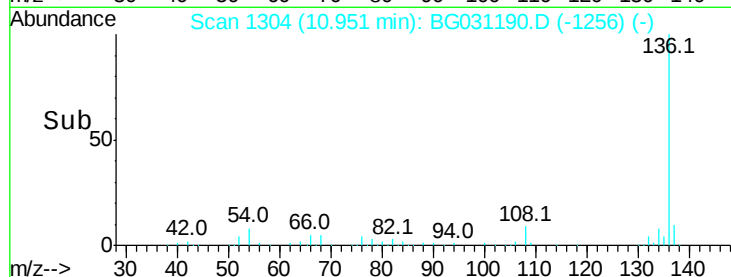
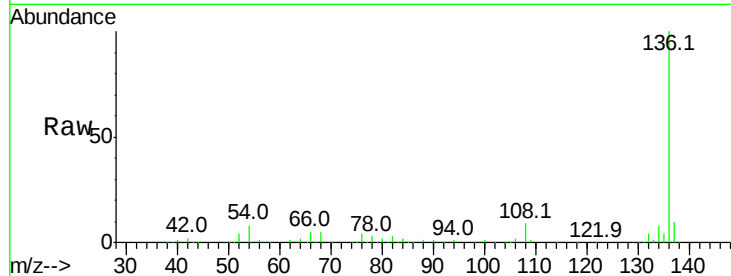
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BG031190.D
Acq: 22 Nov 2017 15:32

Instrument :
BNA_G
ClientSampleId :
PB104484BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		240898		
137	10.4		9.2	13.8	
54	8.0		10.3	15.5	
68	5.5		4.5	6.7	

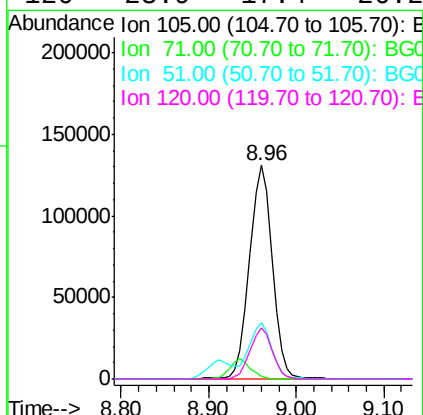
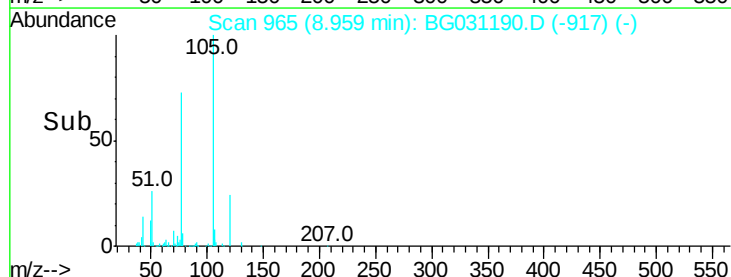
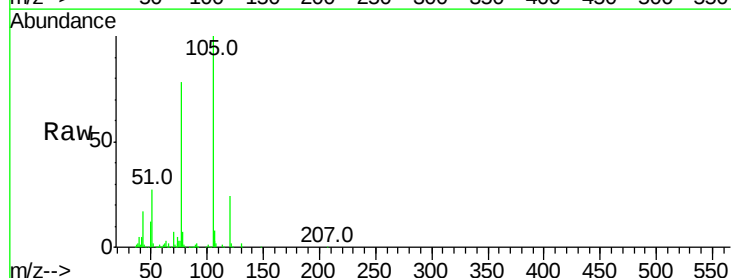
Manual Integrations
APPROVED

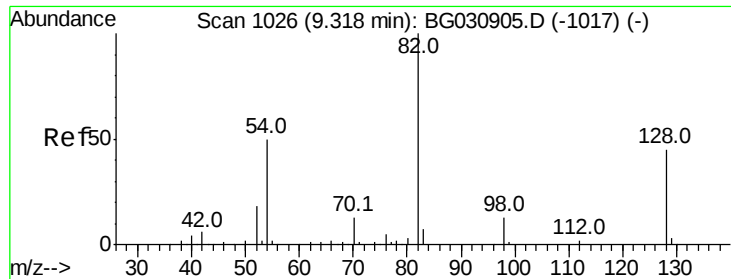
Sohil
11/27/2017 3:22:00 PM



#22
Acetophenone
Concen: 38.609 ng
RT: 8.96 min Scan# 965
Delta R.T. -0.02 min
Lab File: BG031190.D
Acq: 22 Nov 2017 15:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		231579		
71	1.3		3.0	4.4	
51	26.5		26.1	39.1	
120	23.9		17.4	26.2	





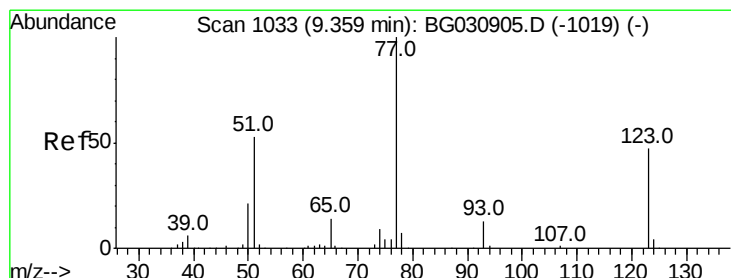
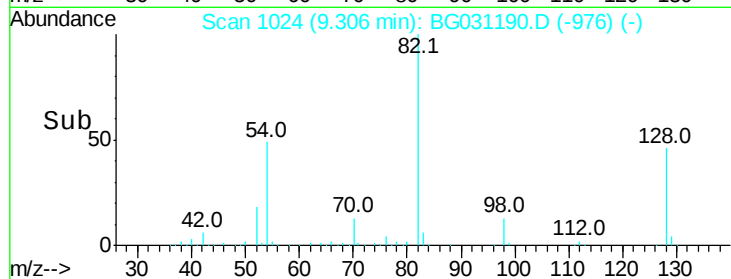
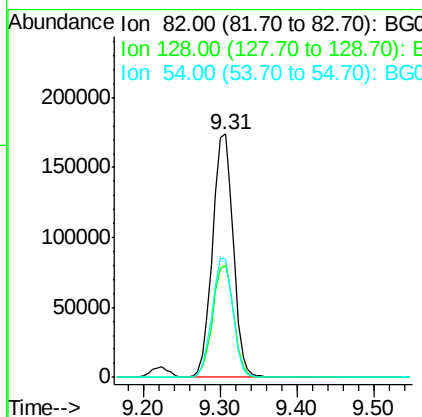
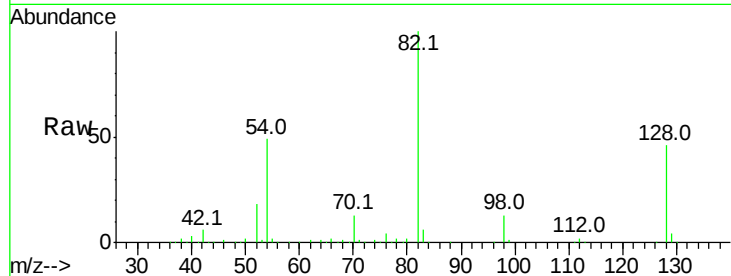
#23
 Nitrobenzene-d5
 Concen: 78.846 ng
 RT: 9.31 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BG031190.D
 Acq: 22 Nov 2017 15:32

Instrument :
 BNA_G
 ClientSampleId :
 PB104484BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.8	29.7	44.5#	
54	48.8	43.1	64.7	

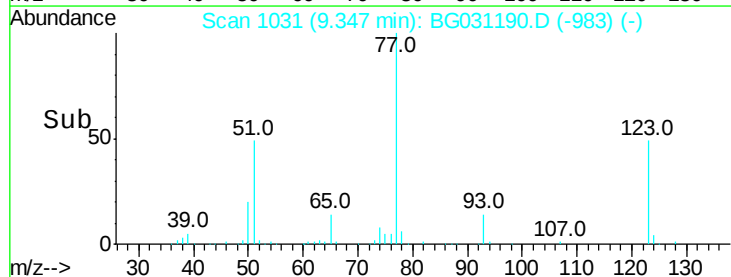
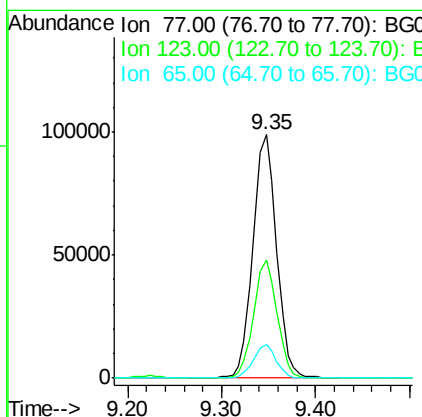
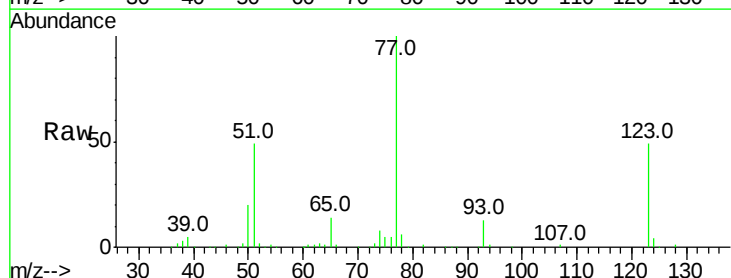
Manual Integrations
 APPROVED

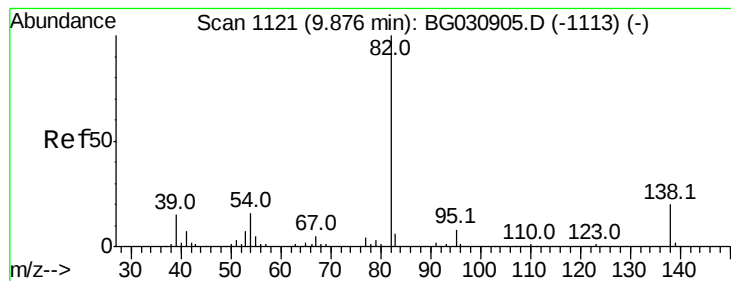
Sohil
 11/27/2017 3:22:00 PM



#24
 Nitrobenzene
 Concen: 41.641 ng
 RT: 9.35 min Scan# 1031
 Delta R.T. -0.02 min
 Lab File: BG031190.D
 Acq: 22 Nov 2017 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	48.6	33.0	49.6	
65	14.0	13.0	19.6	





#25

Isophorone

Concen: 40.703 ng

RT: 9.86 min Scan# 1119

Delta R.T. -0.02 min

Lab File: BG031190.D

Acq: 22 Nov 2017 15:32

Instrument :

BNA_G

ClientSampleId :

PB104484BSD

Tot Ion: 82 Resp: 322718

Ion Ratio Lower Upper

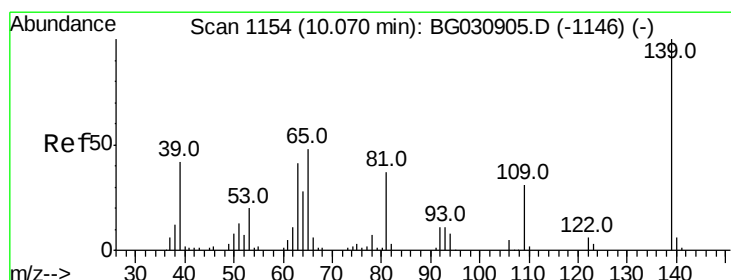
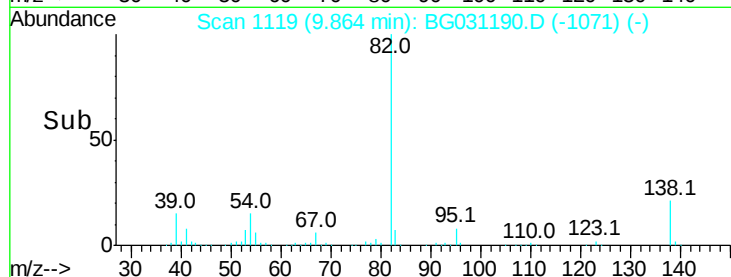
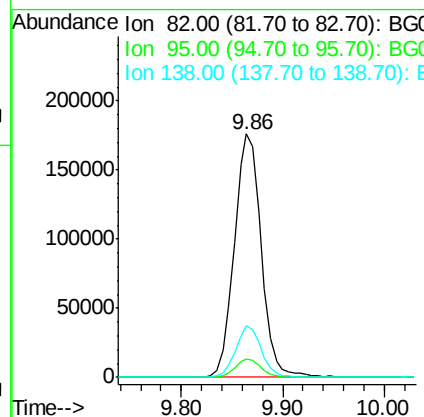
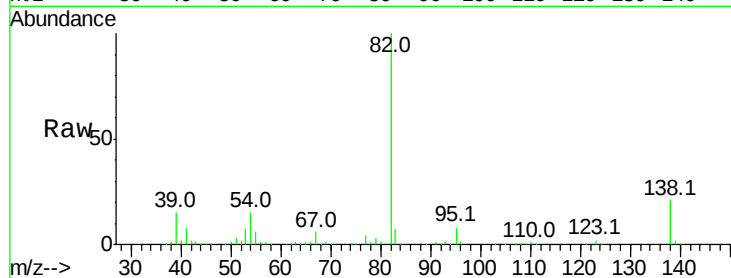
82 100

95 7.8 6.2 9.2

138 21.1 12.1 18.1#

Manual Integrations
APPROVED

Sohil
11/27/2017 3:22:00 PM



#26

2-Nitrophenol

Concen: 43.528 ng

RT: 10.06 min Scan# 1152

Delta R.T. -0.02 min

Lab File: BG031190.D

Acq: 22 Nov 2017 15:32

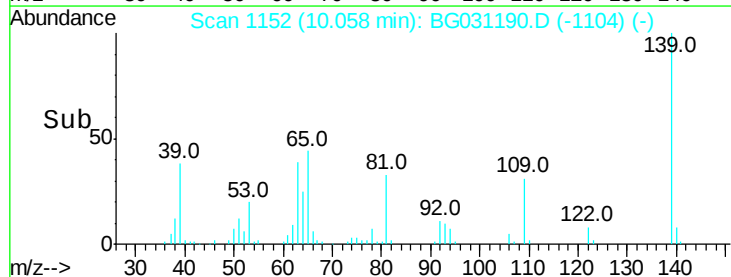
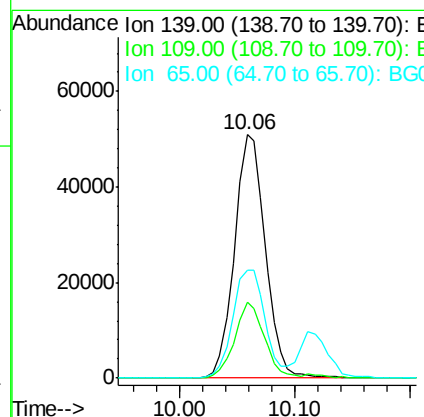
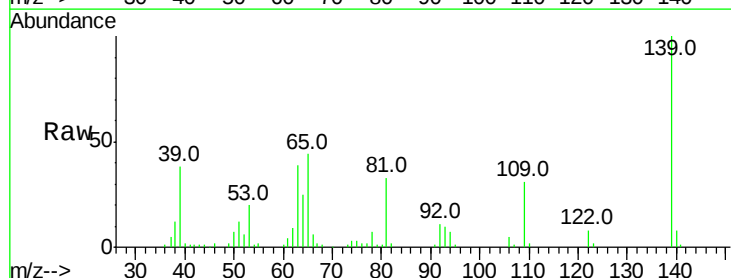
Tgt Ion: 139 Resp: 94221

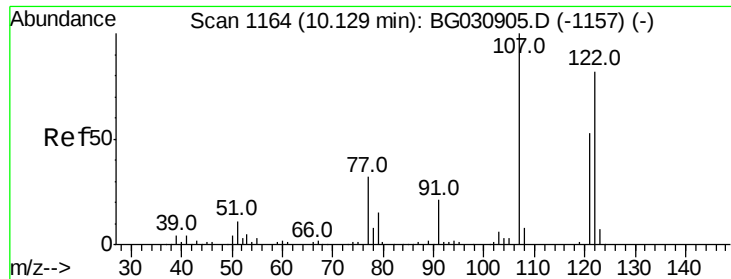
Ion Ratio Lower Upper

139 100

109 31.2 24.2 36.2

65 44.3 47.4 71.0#





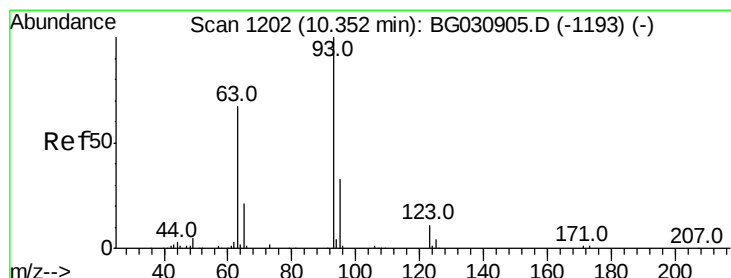
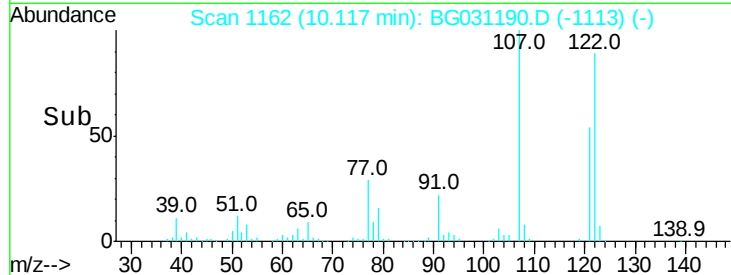
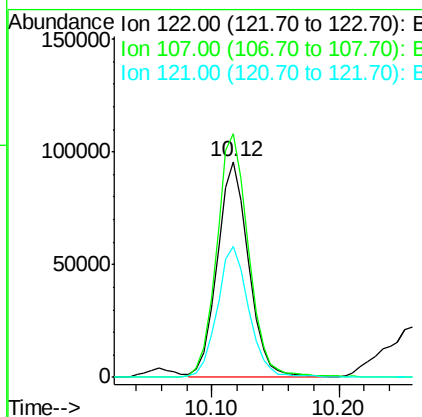
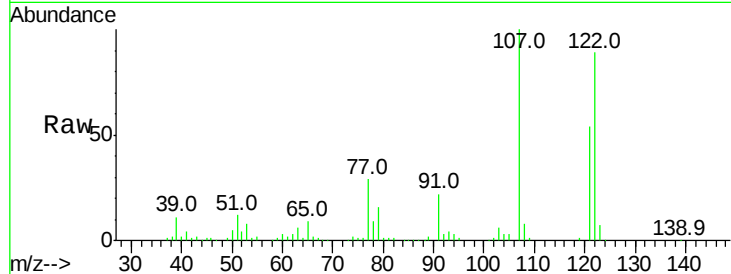
#27
 2,4-Dimethylphenol
 Concen: 50.581 ng
 RT: 10.12 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BG031190.D
 Acq: 22 Nov 2017 15:32

Instrument :
 BNA_G
 ClientSampled :
 PB104484BSD

Tot Ion:	122	Resp:	162545
Ion Ratio	Lower	Upper	
122	100		
107	112.8	100.2	150.2
121	60.8	44.4	66.6

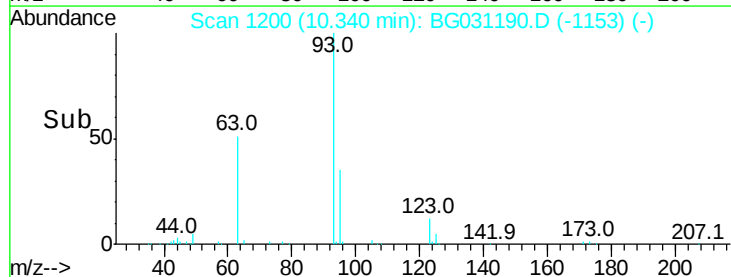
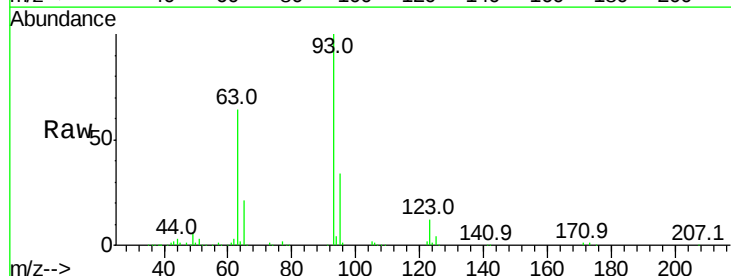
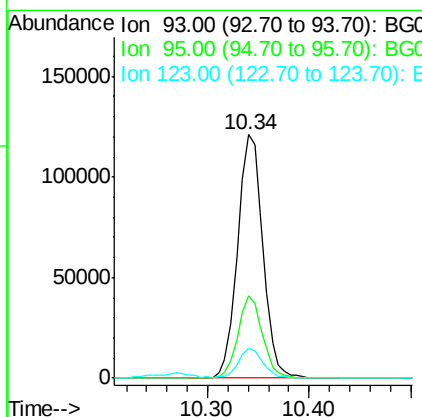
Manual Integrations
 APPROVED

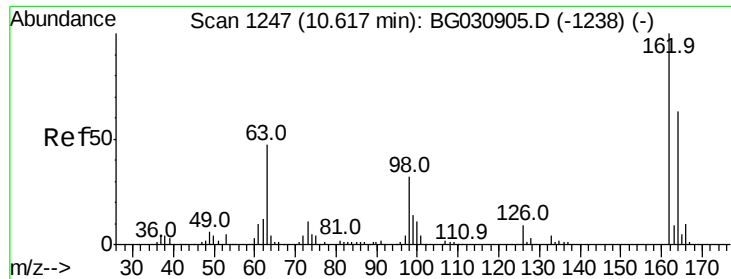
Sohil
 11/27/2017 3:22:00 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.870 ng
 RT: 10.34 min Scan# 1200
 Delta R.T. -0.02 min
 Lab File: BG031190.D
 Acq: 22 Nov 2017 15:32

Tgt Ion:	93	Resp:	209080
Ion Ratio	Lower	Upper	
93	100		
95	33.9	24.3	36.5
123	12.0	8.4	12.6





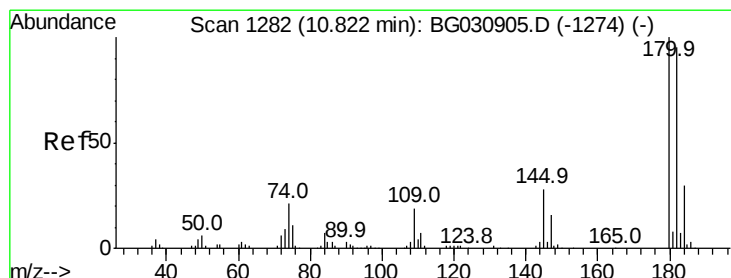
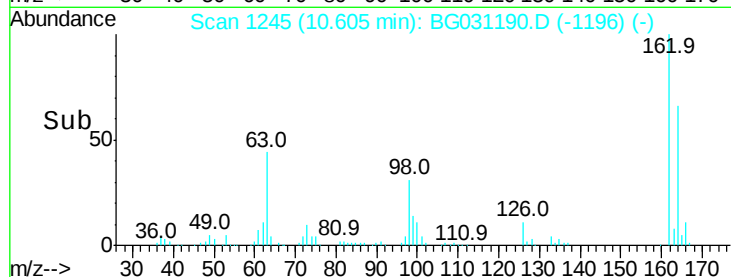
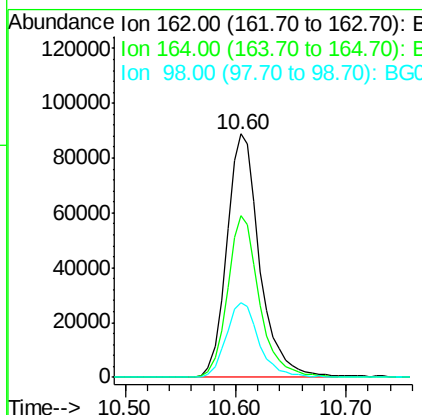
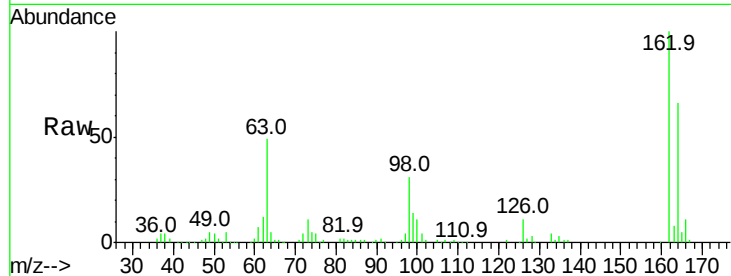
#29
 2,4-Dichlorophenol
 Concen: 47.690 ng
 RT: 10.60 min Scan# 1245
 Delta R.T. -0.01 min
 Lab File: BG031190.D
 Acq: 22 Nov 2017 15:32

Instrument :
 BNA_G
 ClientSampleId :
 PB104484BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	66.3	48.0	88.0
98	30.7	21.1	61.1

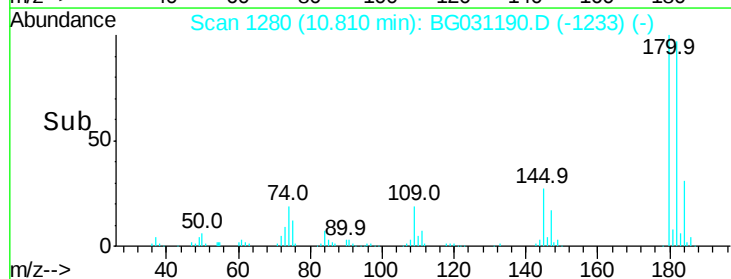
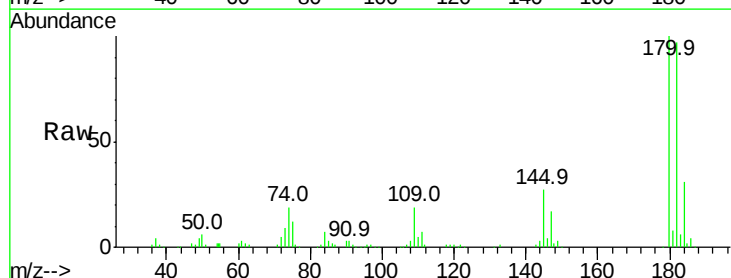
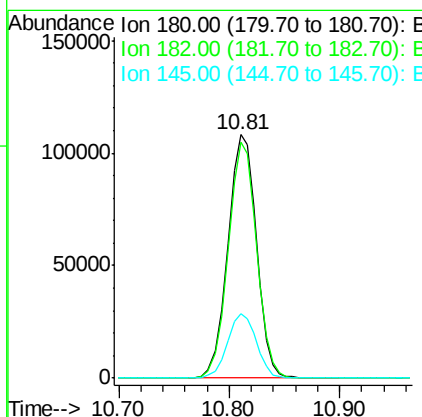
Manual Integrations
 APPROVED

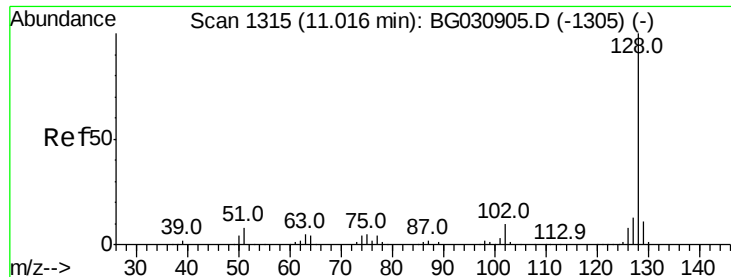
Sohil
 11/27/2017 3:22:00 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 42.550 ng
 RT: 10.81 min Scan# 1280
 Delta R.T. -0.02 min
 Lab File: BG031190.D
 Acq: 22 Nov 2017 15:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.9	77.5	116.3
145	26.7	23.4	35.2





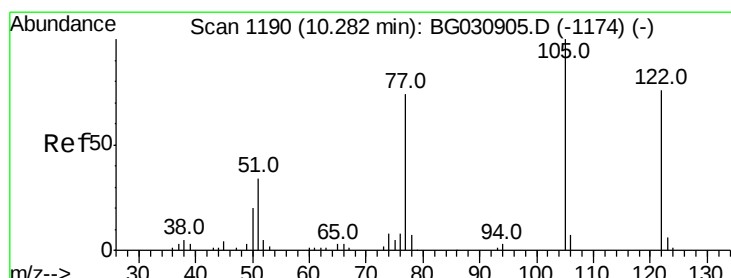
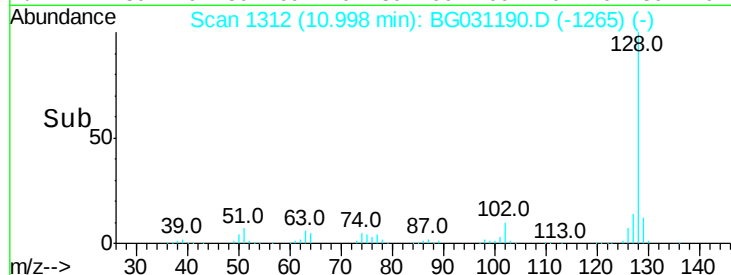
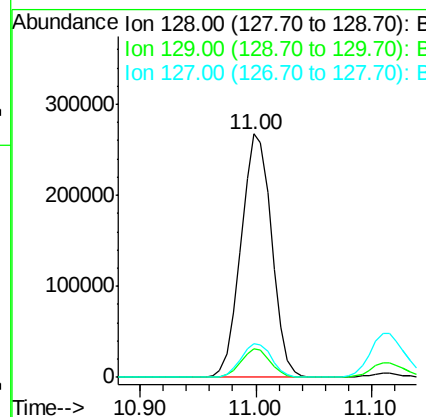
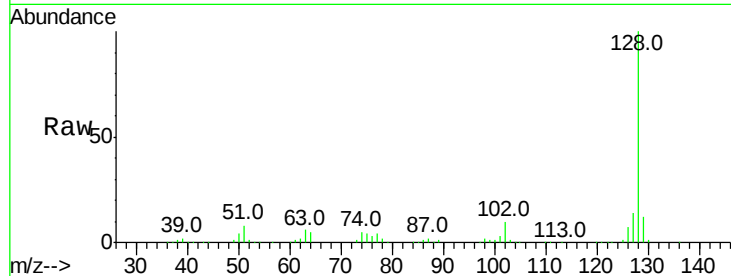
#31
Naphthalene
Concen: 41.470 ng
RT: 11.00 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG031190.D
Acq: 22 Nov 2017 15:32

Instrument :
BNA_G
ClientSampleId :
PB104484BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	12.8
127	13.9	11.6	17.4

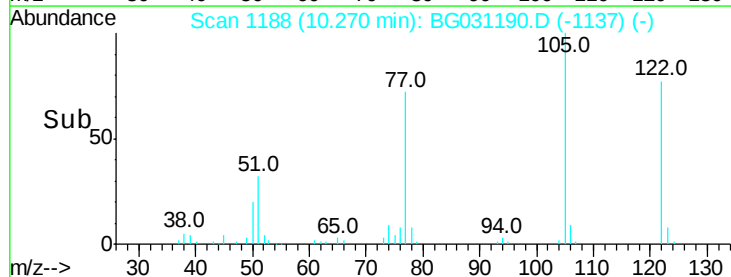
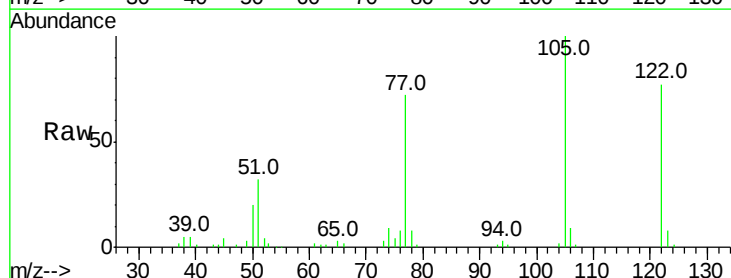
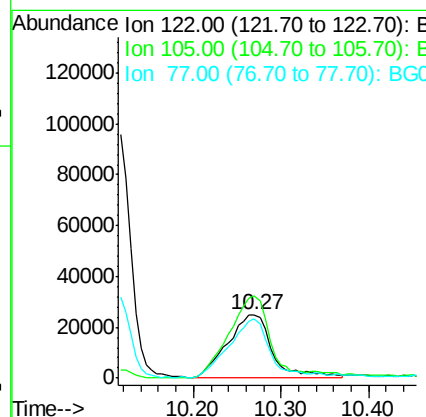
Manual Integrations
APPROVED

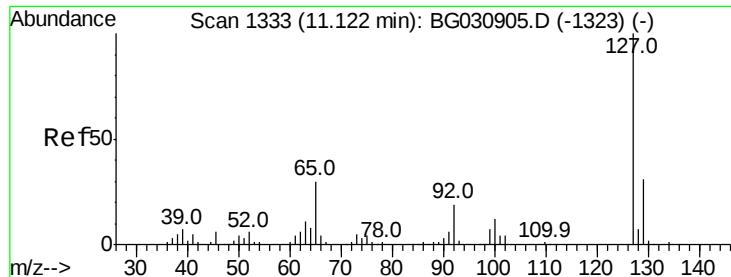
Sohil
11/27/2017 3:22:00 PM



#32
Benzoic acid
Concen: 33.818 ng
RT: 10.27 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BG031190.D
Acq: 22 Nov 2017 15:32

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.5	123.5	163.5
77	93.6	85.7	125.7





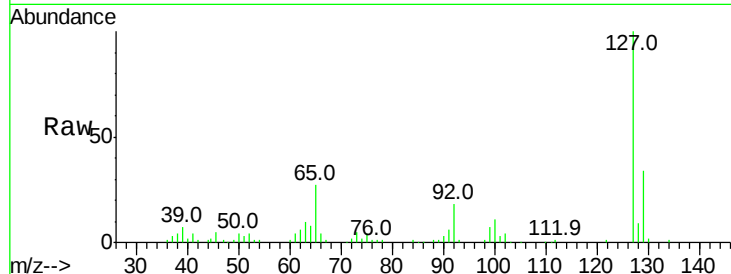
#33
4-Chloroaniline
Concen: 20.803 ng
RT: 11.12 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BG031190.D
Acq: 22 Nov 2017 15:32

Instrument :
BNA_G
ClientSampleId :
PB104484BSD

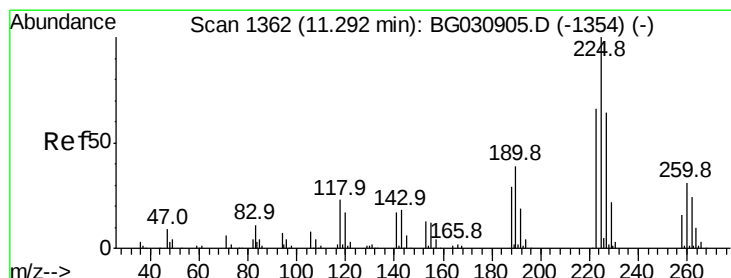
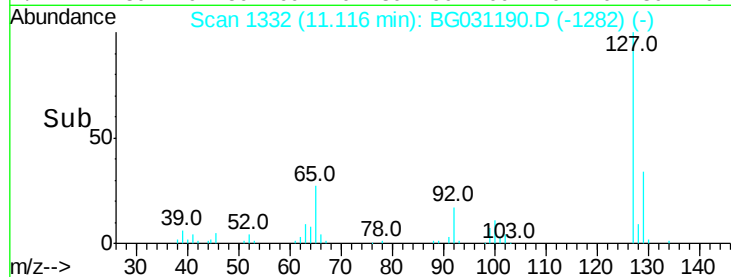
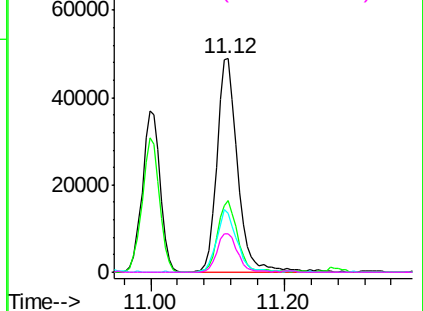
Tot Ion	Ratio	Lower	Upper
127	100		
129	33.5	24.0	36.0
65	27.3	27.0	40.4
92	18.3	16.6	25.0

Manual Integrations
APPROVED

Sohil
11/27/2017 3:22:00 PM

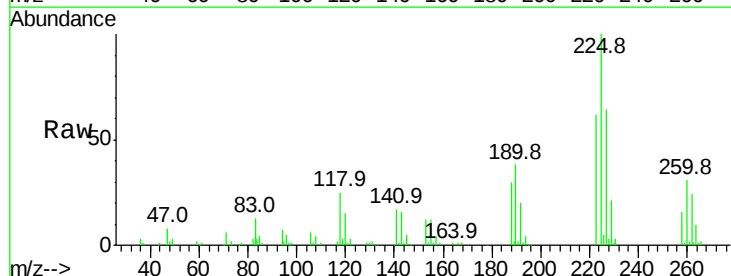


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

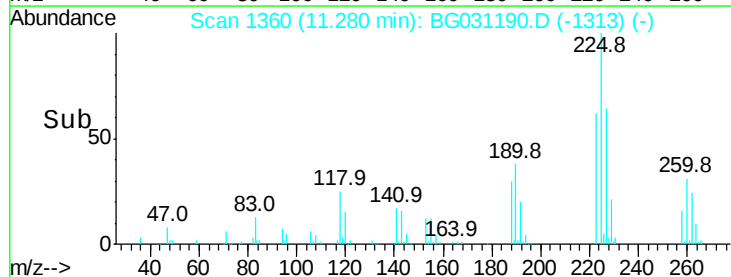
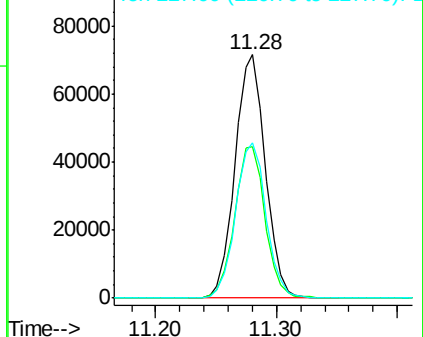


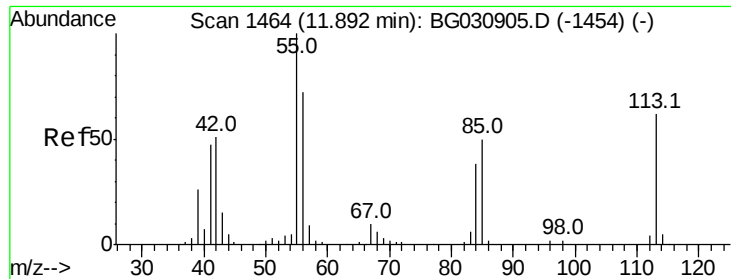
#34
Hexachlorobutadiene
Concen: 39.241 ng
RT: 11.28 min Scan# 1360
Delta R.T. -0.02 min
Lab File: BG031190.D
Acq: 22 Nov 2017 15:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.7	74.5
227	63.9	48.1	72.1



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





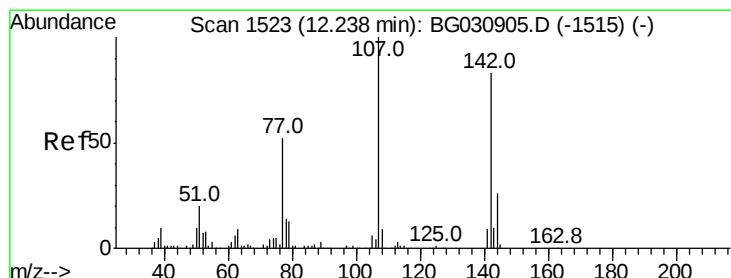
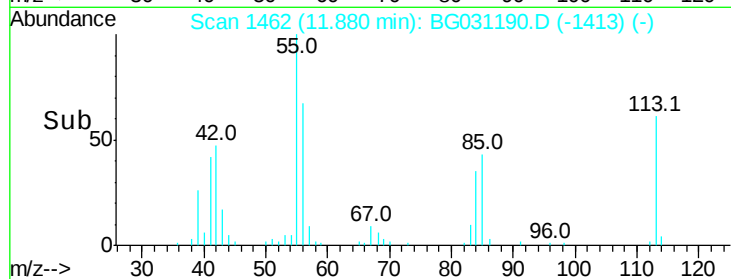
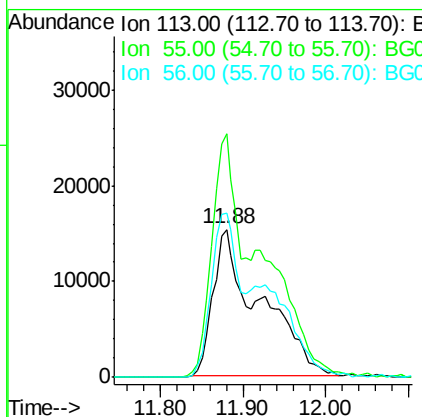
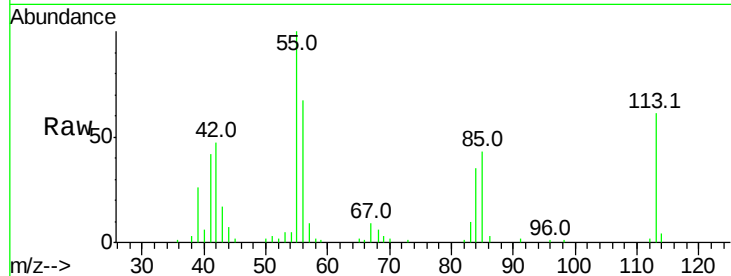
#35
 Caprolactam
 Concen: 38.449 ng/ml
 RT: 11.88 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BG031190.D
 Acq: 22 Nov 2017 15:32

Instrument :
 BNA_G
 ClientSampleId :
 PB104484BSD

Tot Ion:113 Resp: 60611
 Ion Ratio Lower Upper
 113 100
 55 164.8 186.9 226.9#
 56 110.9 130.9 170.9#

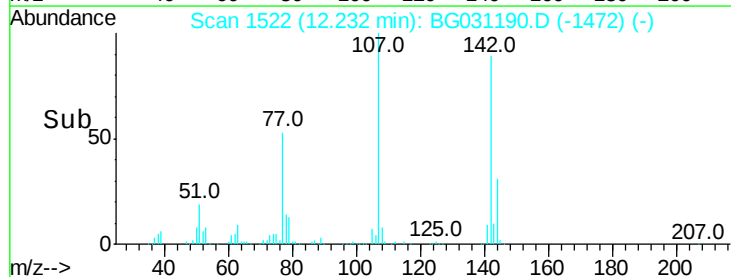
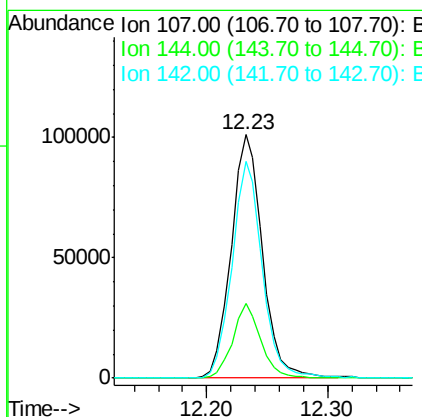
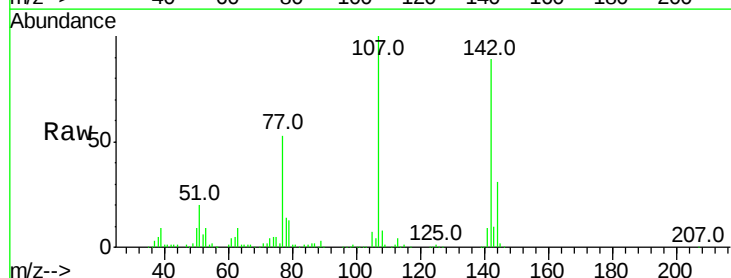
Manual Integrations
 APPROVED

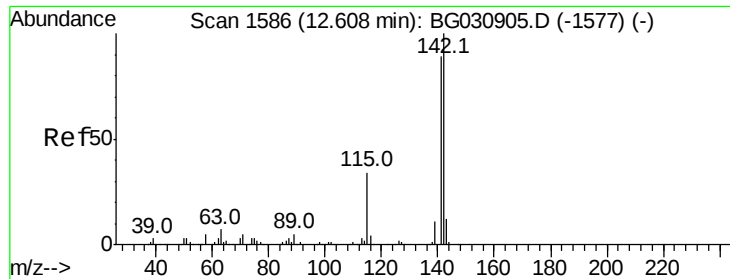
Sohil
 11/27/2017 3:22:00 PM



#36
 4-Chloro-3-methylphenol
 Concen: 43.320 ng
 RT: 12.23 min Scan# 1522
 Delta R.T. -0.00 min
 Lab File: BG031190.D
 Acq: 22 Nov 2017 15:32

Tgt Ion:107 Resp: 181941
 Ion Ratio Lower Upper
 107 100
 144 30.7 18.2 27.4#
 142 89.2 59.0 88.4#





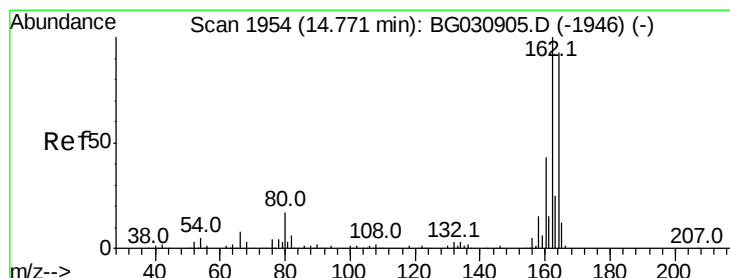
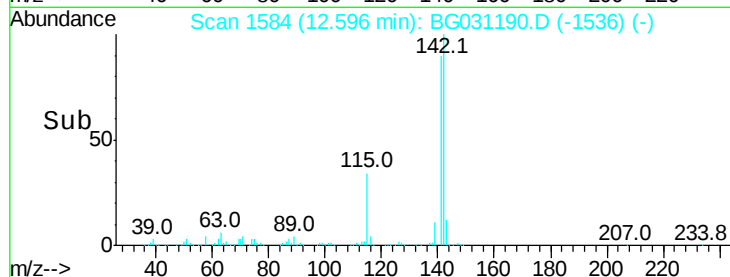
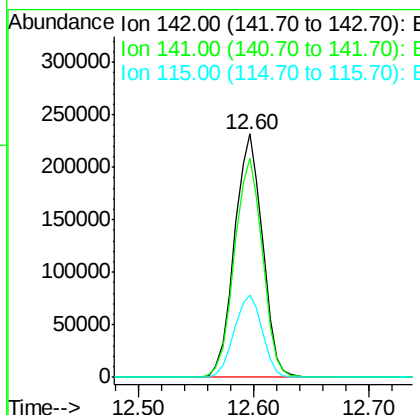
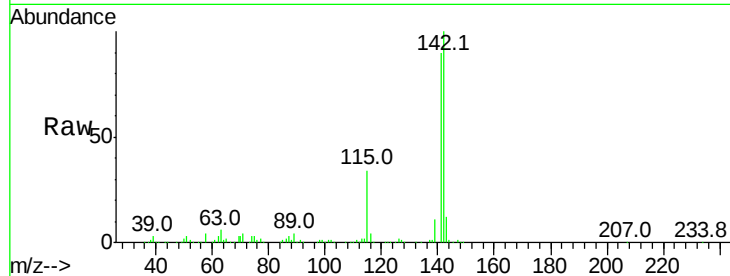
#37
2-Methylnaphthalene
Concen: 42.382 ng
RT: 12.60 min Scan# 1584
Delta R.T. -0.02 min
Lab File: BG031190.D
Acq: 22 Nov 2017 15:32

Instrument :
BNA_G
ClientSampleId :
PB104484BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	387455		
141	89.9	67.1	100.7	
115	33.9	30.7	46.1	

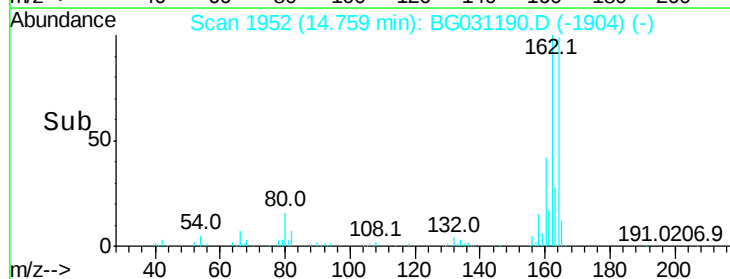
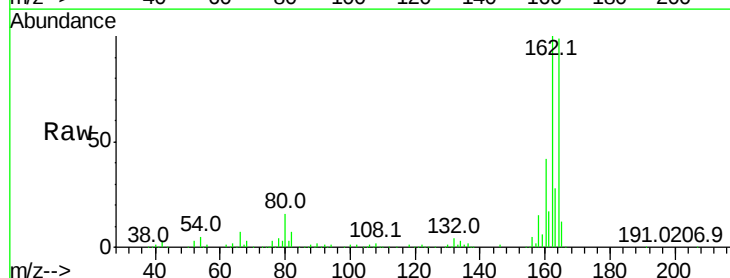
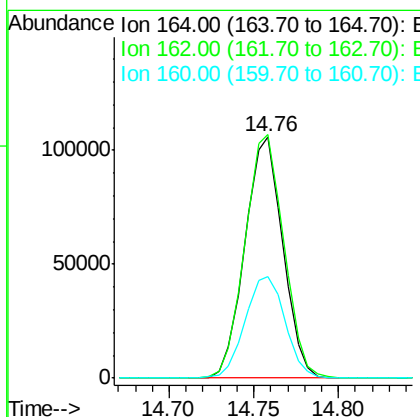
Manual Integrations
APPROVED

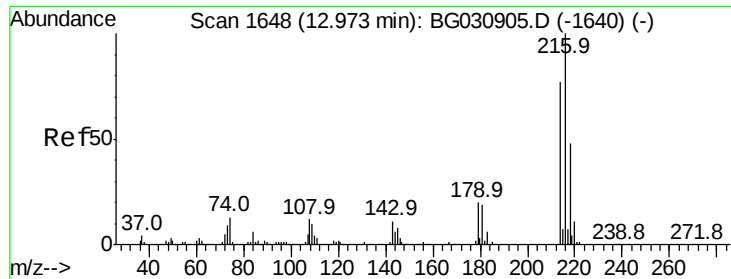
Sohil
11/27/2017 3:22:00 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.02 min
Lab File: BG031190.D
Acq: 22 Nov 2017 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	164901		
162	100.8	78.8	118.2	
160	42.1	35.4	53.0	





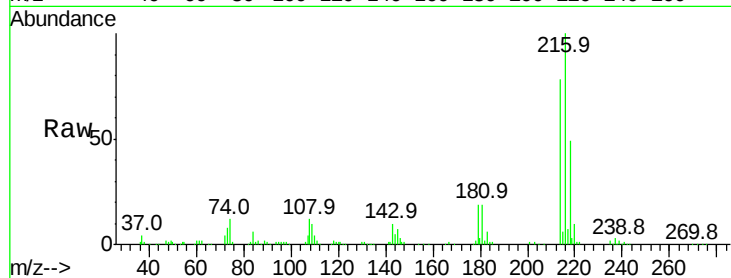
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.705 ng
 RT: 12.96 min Scan# 1646
 Delta R.T. -0.02 min
 Lab File: BG031190.D
 Acq: 22 Nov 2017 15:32

Instrument :
 BNA_G
 ClientSampleId :
 PB104484BSD

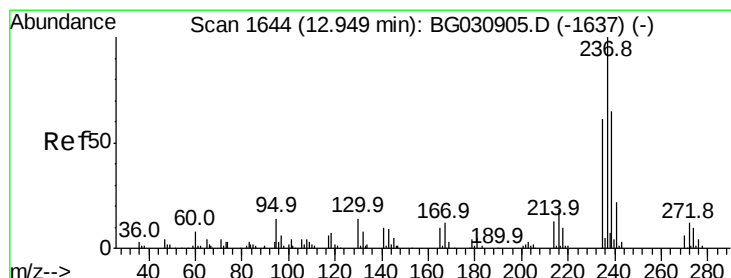
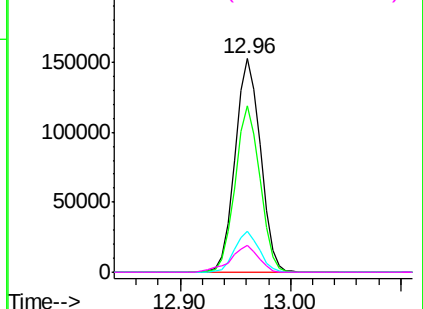
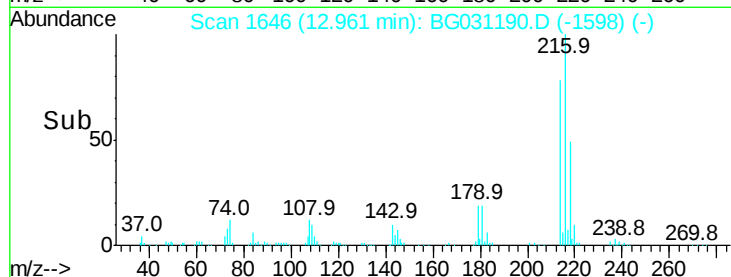
Tot Ion	Ratio	Resp	Lower	Upper
216	100	246771		
214	76.3	63.0	94.4	
179	18.4	17.0	25.6	
108	13.6	12.8	19.2	

Manual Integrations
 APPROVED

Sohil
 11/27/2017 3:22:00 PM

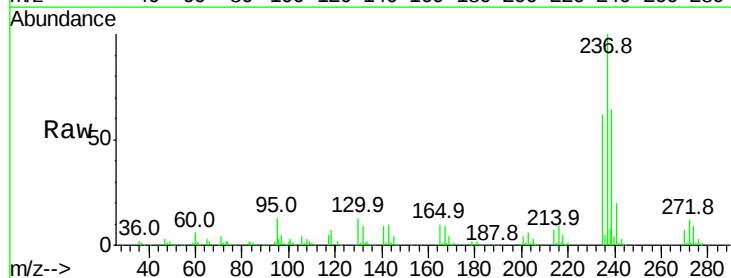


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

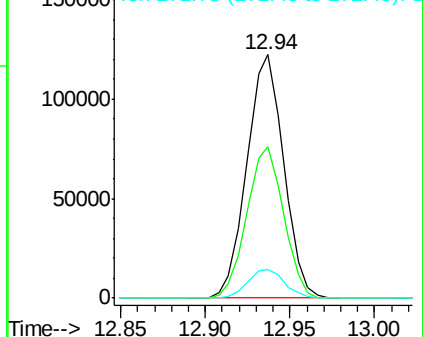
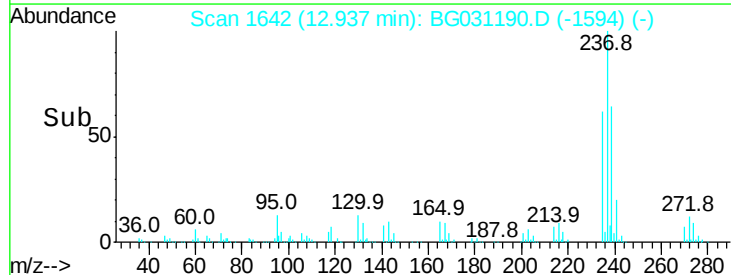


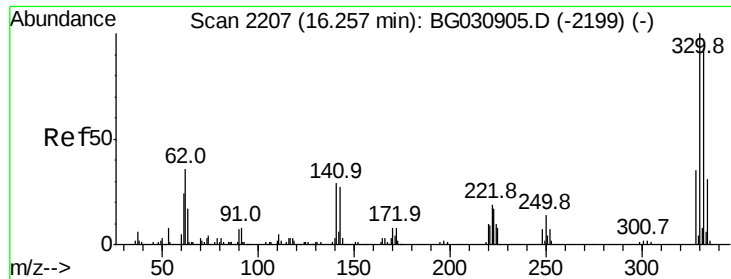
#40
 Hexachlorocyclopentadiene
 Concen: 76.973 ng
 RT: 12.94 min Scan# 1642
 Delta R.T. -0.02 min
 Lab File: BG031190.D
 Acq: 22 Nov 2017 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	185194		
235	62.2	50.4	90.4	
272	11.5	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: 99.596 ng

RT: 16.25 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BG031190.D

Acq: 22 Nov 2017 15:32

Instrument :

BNA_G

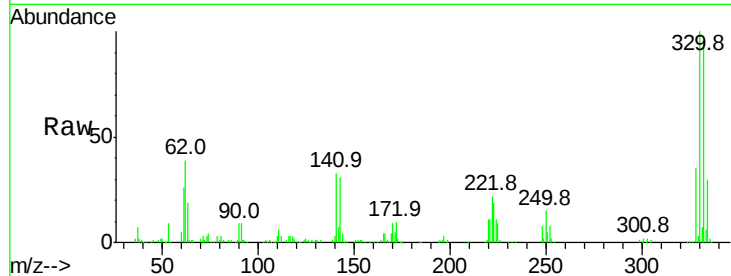
ClientSampleId :

PB104484BSD

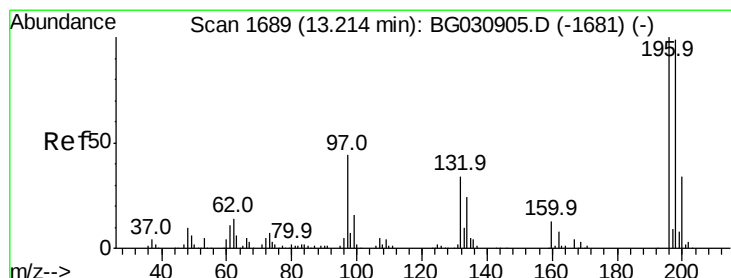
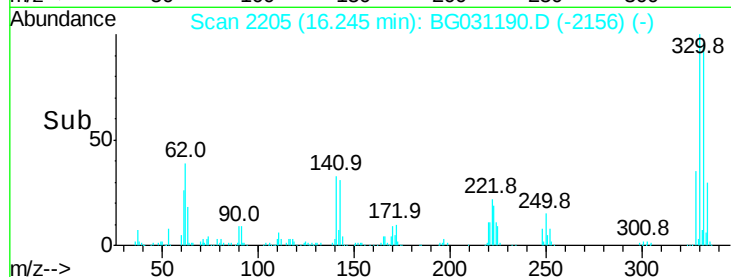
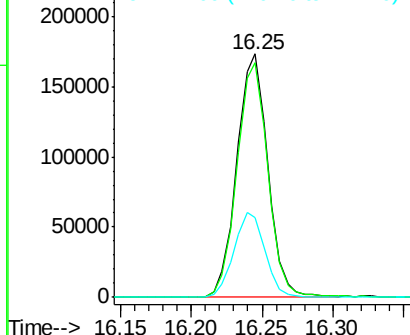
Tot Ion:	330	Resp:	265678
Ion Ratio	Lower	Upper	
330	100		
332	97.0	77.0	115.6
141	35.2	25.2	37.8

Manual Integrations
APPROVED

Sohil
11/27/2017 3:22:00 PM



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



#42

2,4,6-Trichlorophenol

Concen: 43.238 ng

RT: 13.20 min Scan# 1687

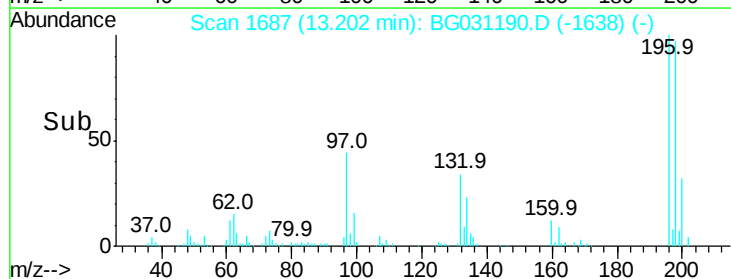
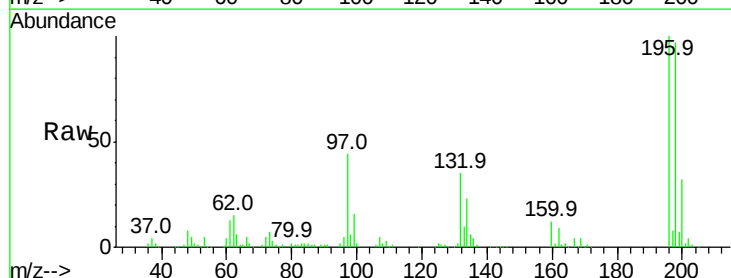
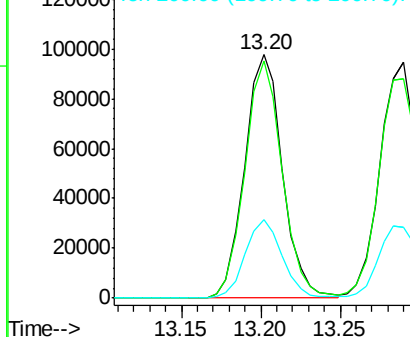
Delta R.T. -0.01 min

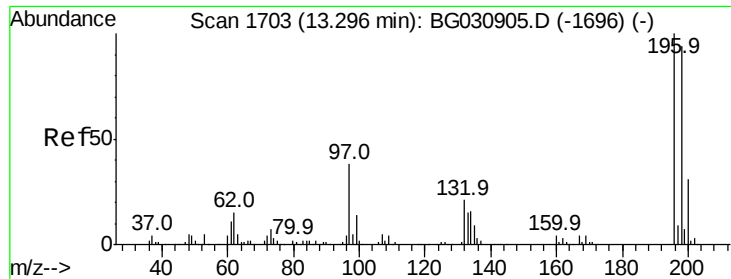
Lab File: BG031190.D

Acq: 22 Nov 2017 15:32

Tgt Ion:	196	Resp:	161775
Ion Ratio	Lower	Upper	
196	100		
198	97.5	78.2	117.2
200	32.2	24.6	36.8

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





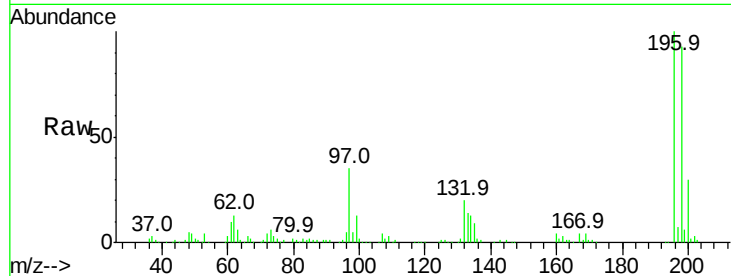
#43
 2,4,5-Trichlorophenol
 Concen: 41.435 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: BG031190.D
 Acq: 22 Nov 2017 15:32

Instrument :
 BNA_G
 ClientSampleId :
 PB104484BSD

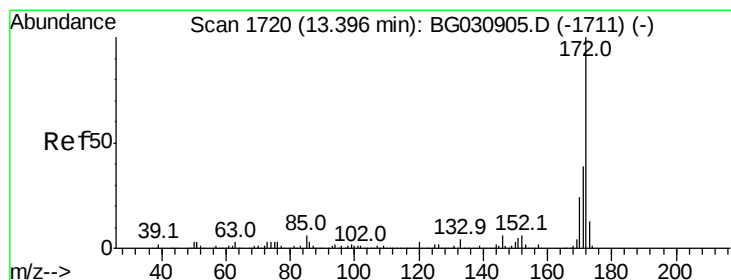
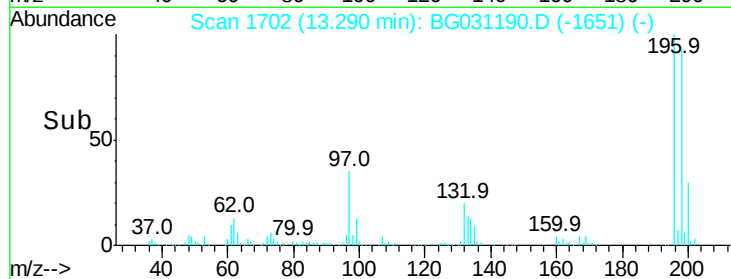
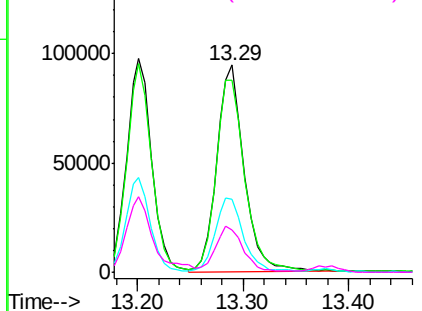
Tot Ion	Ratio	Resp	Lower	Upper
196	100	169620		
198	92.8	76.2	114.4	
97	35.2	38.7	58.1#	
132	20.3	20.2	30.2	

Manual Integrations
 APPROVED

Sohil
 11/27/2017 3:22:00 PM



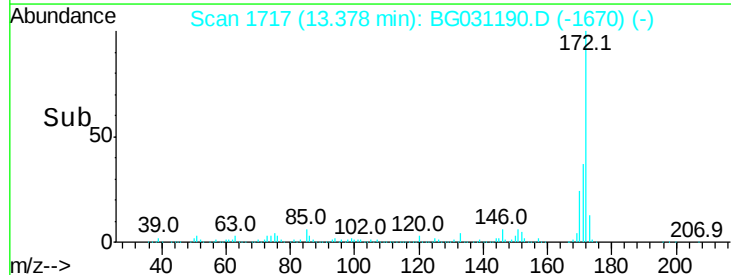
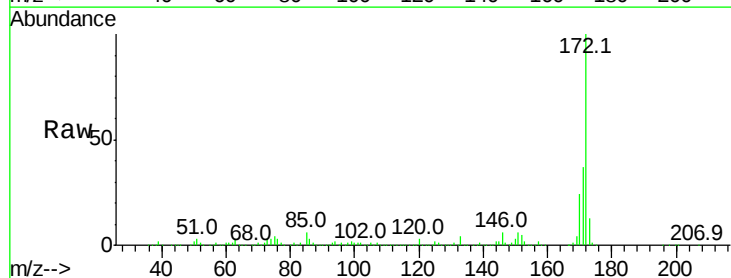
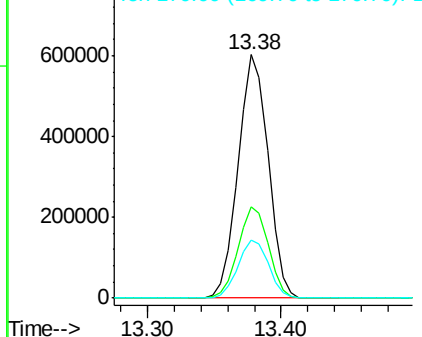
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

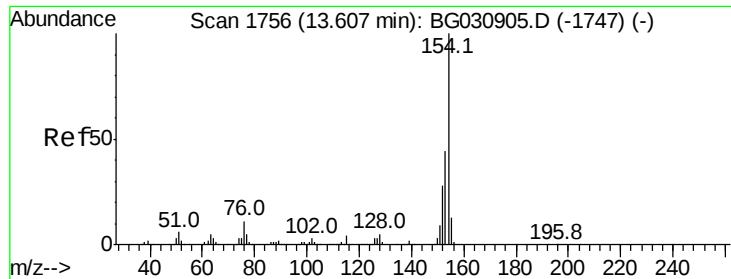


#44
 2-Fluorobiphenyl
 Concen: 81.739 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031190.D
 Acq: 22 Nov 2017 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	938057		
171	37.5	30.0	45.0	
170	24.0	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





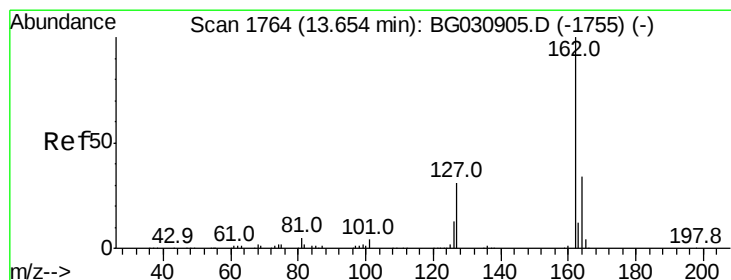
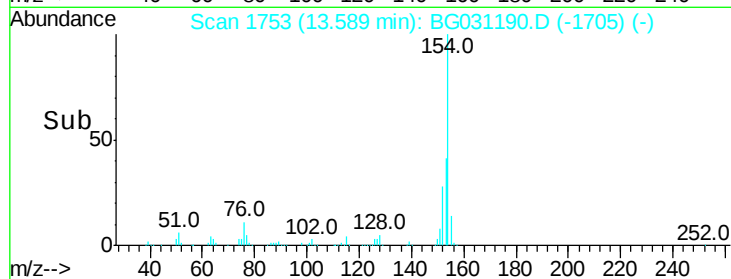
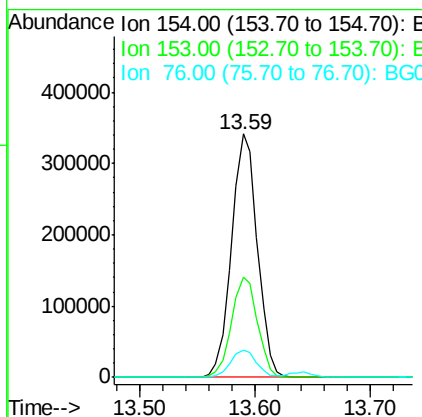
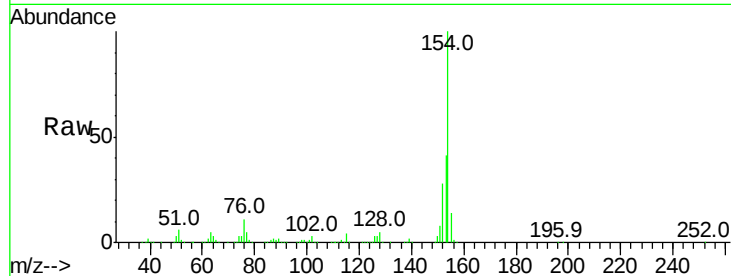
#45
 1,1'-Biphenyl
 Concen: 38.514 ng
 RT: 13.59 min Scan# 1753
 Delta R.T. -0.02 min
 Lab File: BG031190.D
 Acq: 22 Nov 2017 15:32

Instrument :
 BNA_G
 ClientSampleId :
 PB104484BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.4	19.8	59.8
76	11.2	0.0	31.9

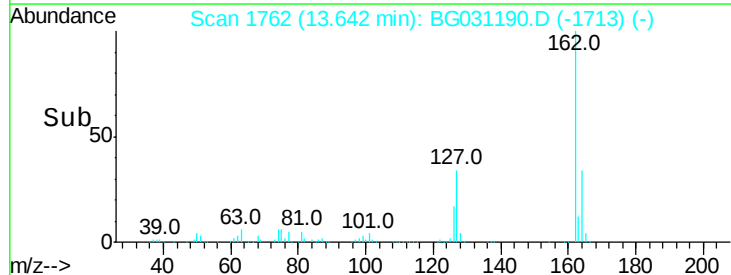
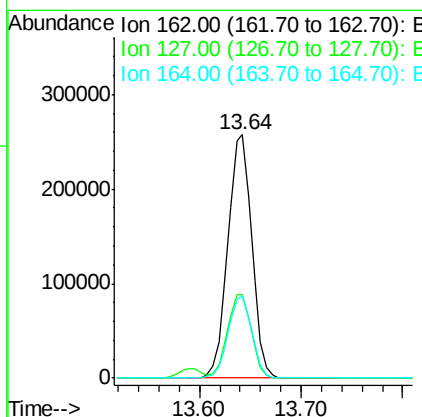
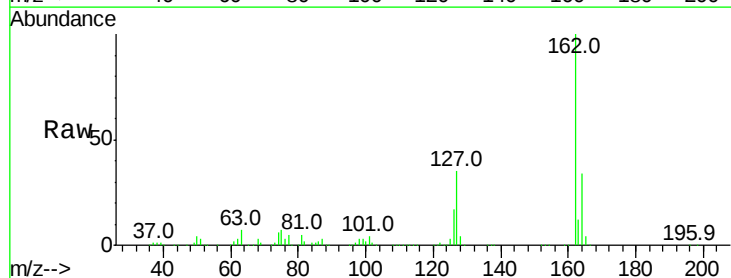
Manual Integrations
 APPROVED

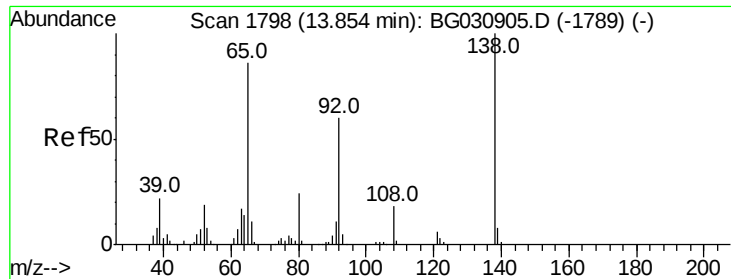
Sohil
 11/27/2017 3:22:00 PM



#46
 2-Chloronaphthalene
 Concen: 42.721 ng
 RT: 13.64 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: BG031190.D
 Acq: 22 Nov 2017 15:32

Tgt Ion	Ratio	Lower	Upper
162	100		
127	34.5	30.7	46.1
164	33.8	26.0	39.0





#47

2-Nitroaniline

Concen: 40.090 ng

RT: 13.84 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BG031190.D

Acq: 22 Nov 2017 15:32

Instrument :

BNA_G

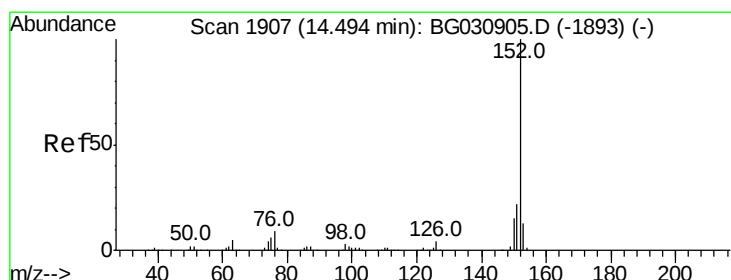
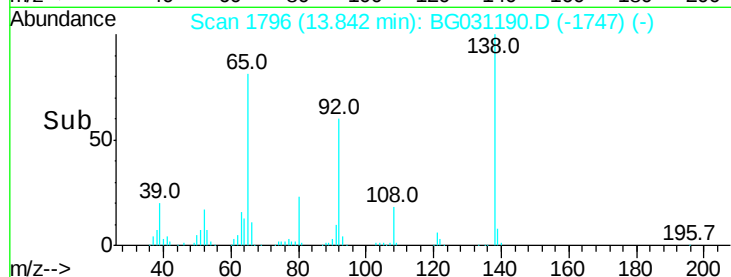
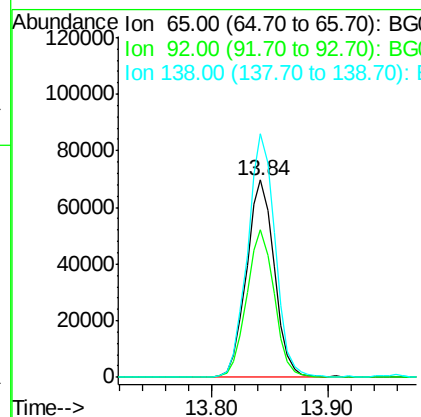
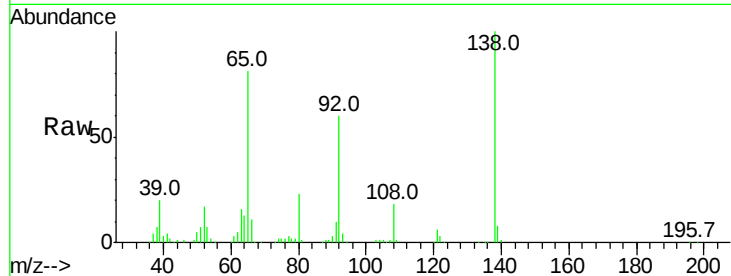
ClientSampleId :

PB104484BSD

Tot Ion:	65	Resp:	117233
Ion Ratio	Lower	Upper	
65	100		
92	74.6	54.6	82.0
138	123.4	72.9	109.3#

Manual Integrations
APPROVED

Sohil
11/27/2017 3:22:00 PM



#48

Acenaphthylene

Concen: 40.391 ng

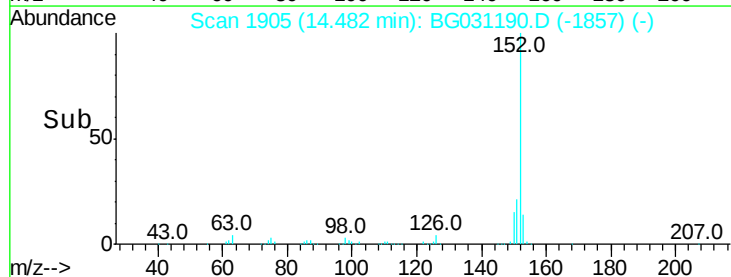
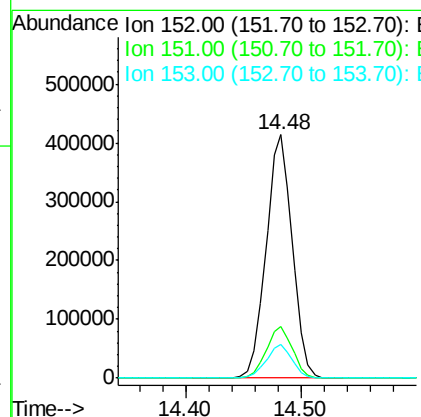
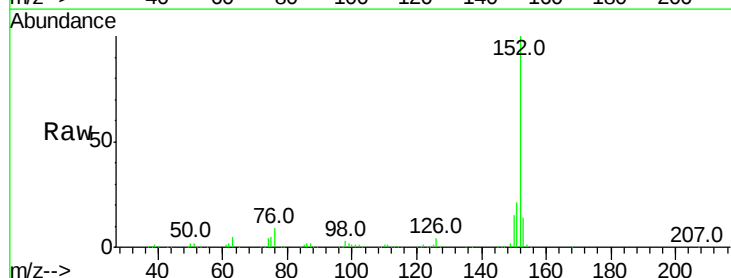
RT: 14.48 min Scan# 1905

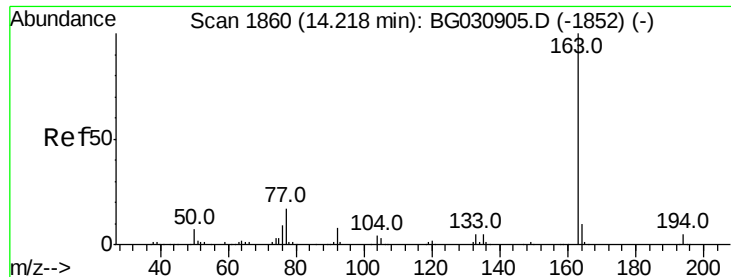
Delta R.T. -0.02 min

Lab File: BG031190.D

Acq: 22 Nov 2017 15:32

Tgt Ion:	152	Resp:	652218
Ion Ratio	Lower	Upper	
152	100		
151	21.4	17.2	25.8
153	13.7	10.2	15.4





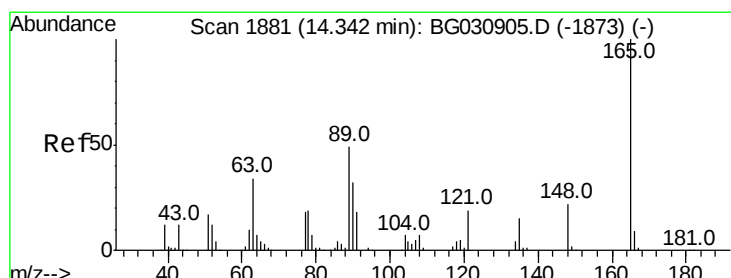
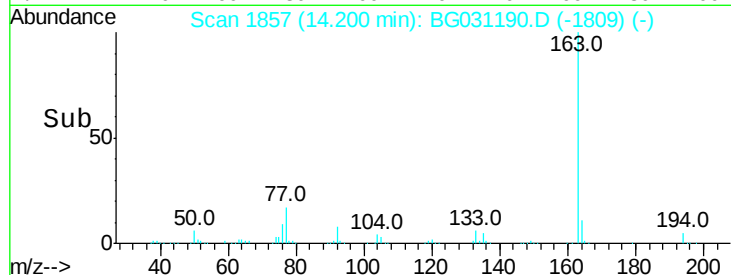
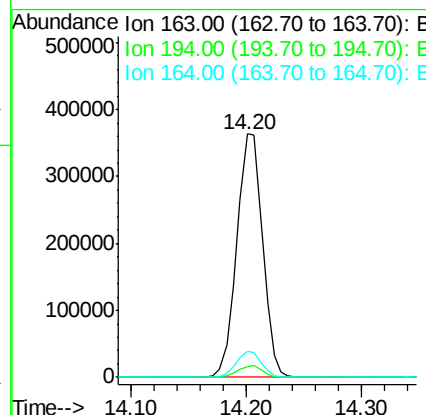
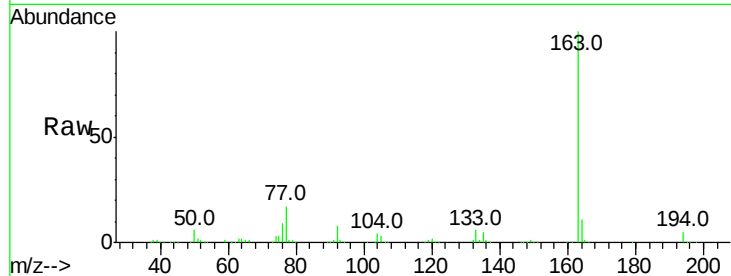
#49
Dimethylphthalate
Concen: 39.428 ng
RT: 14.20 min Scan# 1857
Delta R.T. -0.02 min
Lab File: BG031190.D
Acq: 22 Nov 2017 15:32

Instrument :
BNA_G
ClientSampleID :
PB104484BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.6	3.4	5.2	
164	10.8	8.2	12.4	

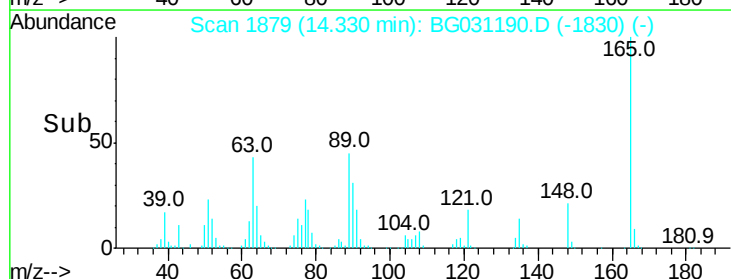
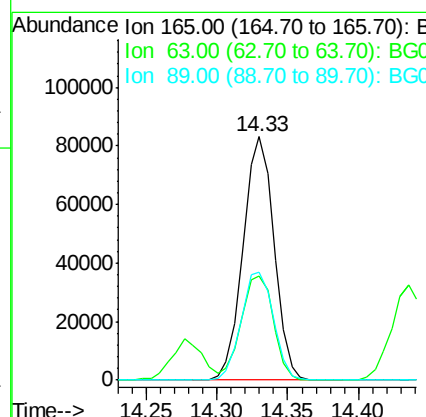
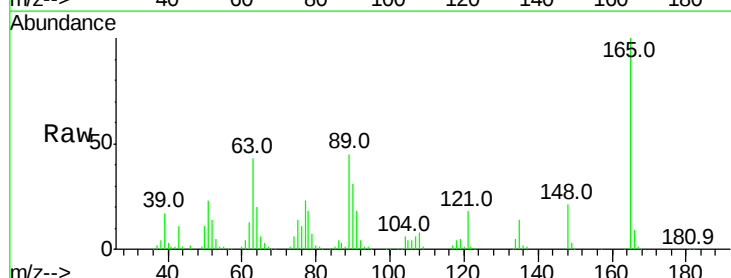
Manual Integrations
APPROVED

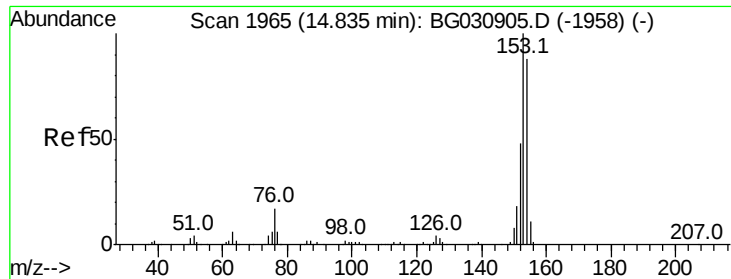
Sohil
11/27/2017 3:22:00 PM



#50
2,6-Dinitrotoluene
Concen: 43.498 ng
RT: 14.33 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BG031190.D
Acq: 22 Nov 2017 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	42.7	52.7	79.1#	
89	44.6	49.2	73.8#	





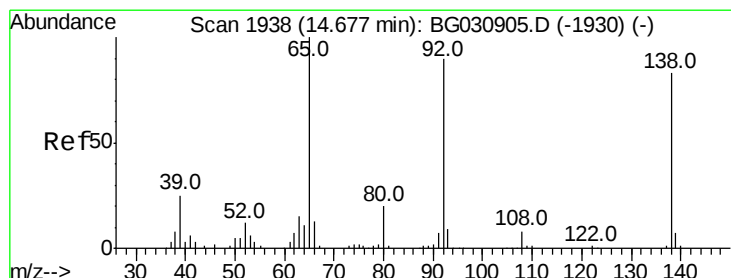
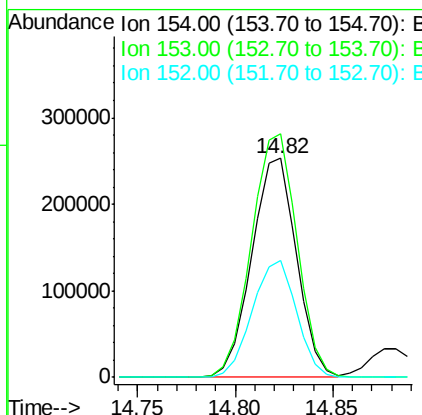
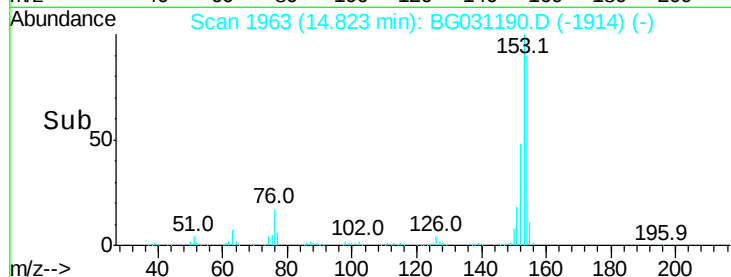
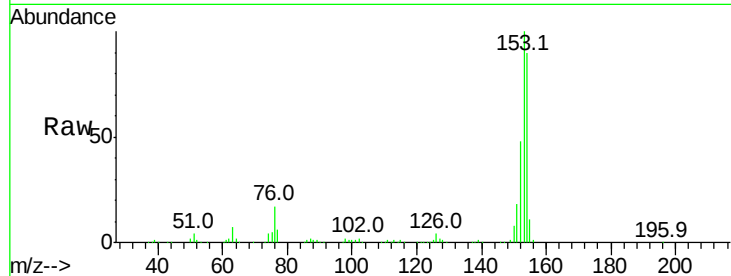
#51
Acenaphthene
Concen: 39.799 ng
RT: 14.82 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG031190.D
Acq: 22 Nov 2017 15:32

Instrument :
BNA_G
ClientSampleId :
PB104484BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	111.3	90.4	135.6
152	53.5	41.6	62.4

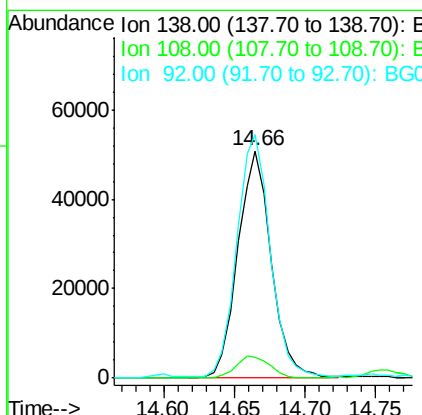
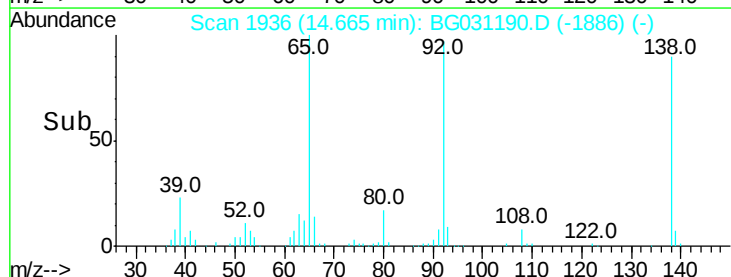
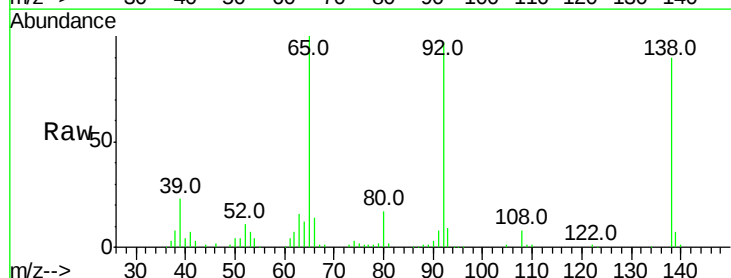
Manual Integrations
APPROVED

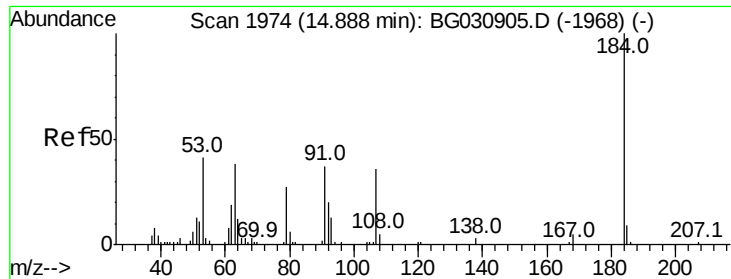
Sohil
11/27/2017 3:22:00 PM



#52
3-Nitroaniline
Concen: 26.899 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.00 min
Lab File: BG031190.D
Acq: 22 Nov 2017 15:32

Tgt Ion	Ratio	Lower	Upper
138	100		
108	8.9	17.5	26.3#
92	107.3	105.8	158.8





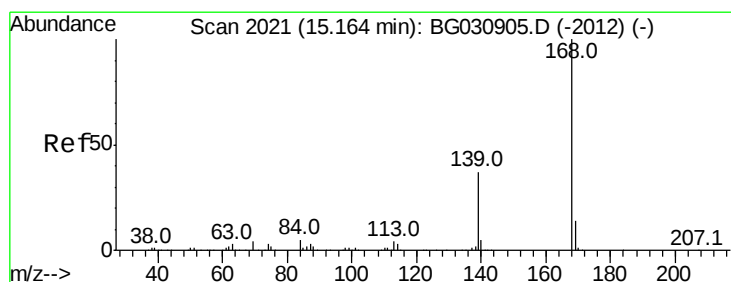
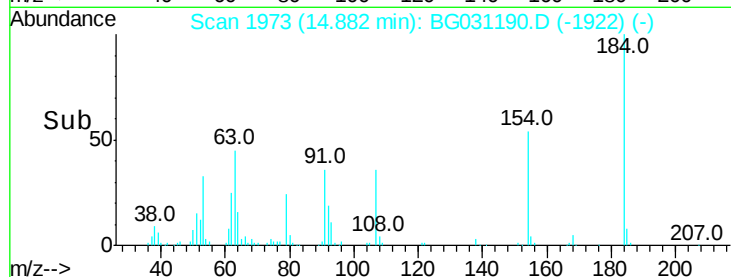
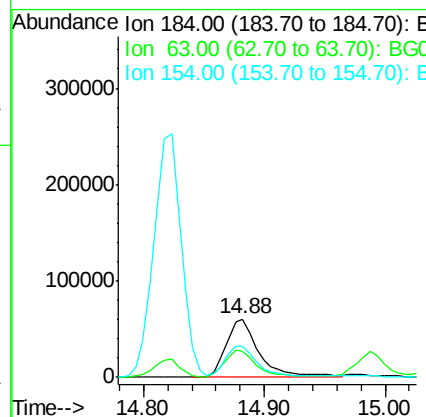
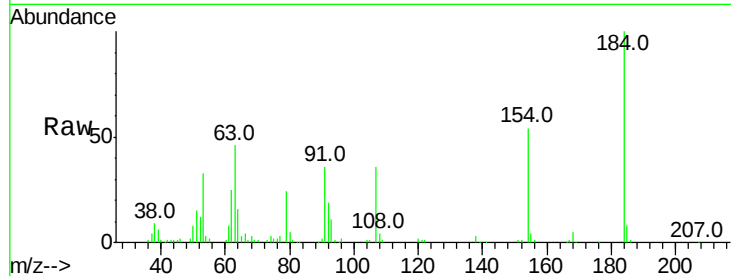
#53
2,4-Dinitrophenol
Concen: 71.891 ng
RT: 14.88 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG031190.D
Acq: 22 Nov 2017 15:32

Instrument :
BNA_G
ClientSampleId :
PB104484BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	45.6	59.8	89.8#
154	53.9	101.8	152.8#

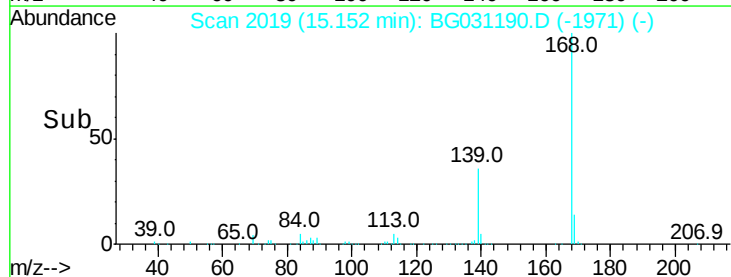
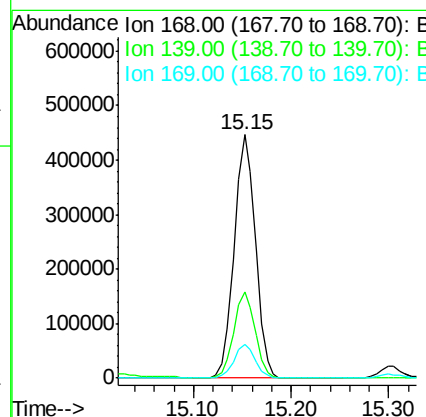
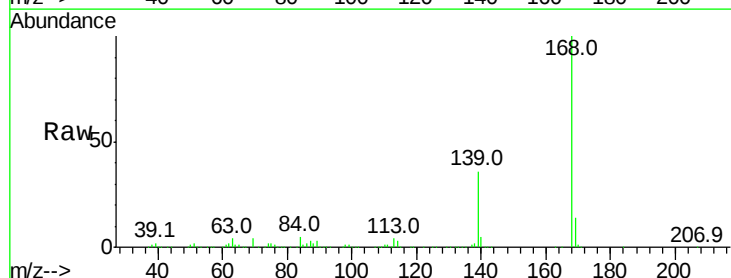
Manual Integrations
APPROVED

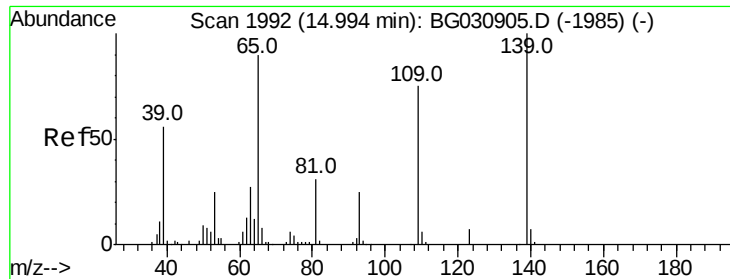
Sohil
11/27/2017 3:22:00 PM



#54
Dibenzofuran
Concen: 41.811 ng
RT: 15.15 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BG031190.D
Acq: 22 Nov 2017 15:32

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.6	28.6	43.0
169	13.7	11.2	16.8





#55

4-Nitrophenol

Concen: 79.964 ng

RT: 14.99 min Scan# 1991

Delta R.T. 0.01 min

Lab File: BG031190.D

Acq: 22 Nov 2017 15:32

Instrument :

BNA_G

ClientSampleId :

PB104484BSD

Tot Ion:139 Resp: 177745

Ion Ratio Lower Upper

139 100

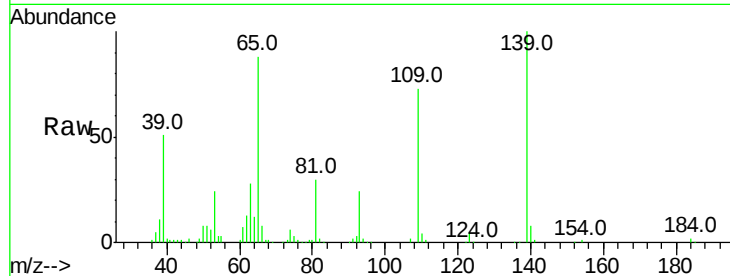
109 73.2 62.2 102.2

65 87.9 97.2 137.2#

Manual Integrations
APPROVED

Sohil

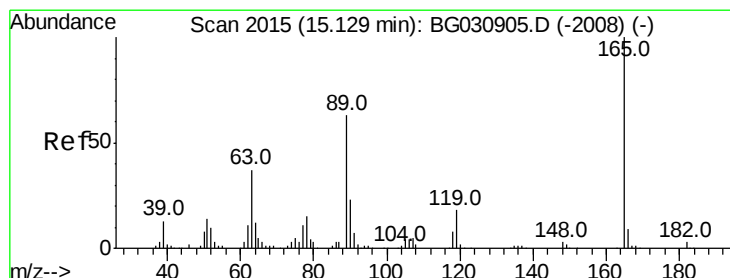
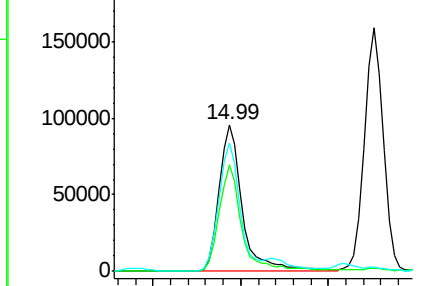
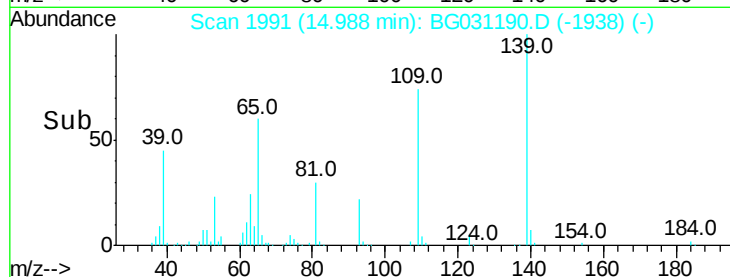
11/27/2017 3:22:00 PM



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 43.479 ng

RT: 15.12 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BG031190.D

Acq: 22 Nov 2017 15:32

Tgt Ion:165 Resp: 184724

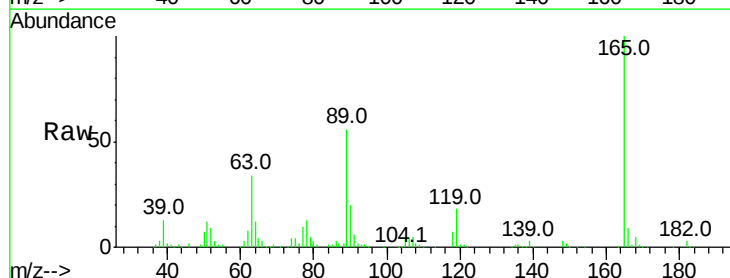
Ion Ratio Lower Upper

165 100

63 33.9 42.0 63.0#

89 55.8 66.9 100.3#

182 3.1 2.6 3.8

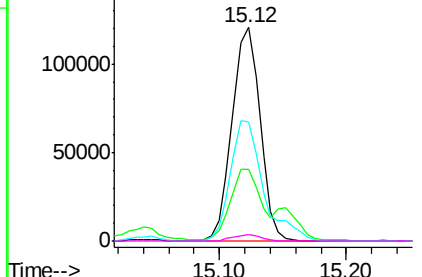
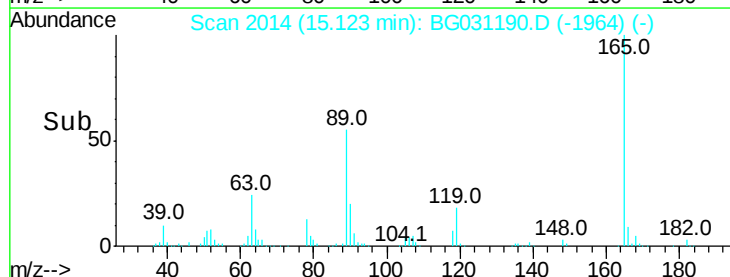


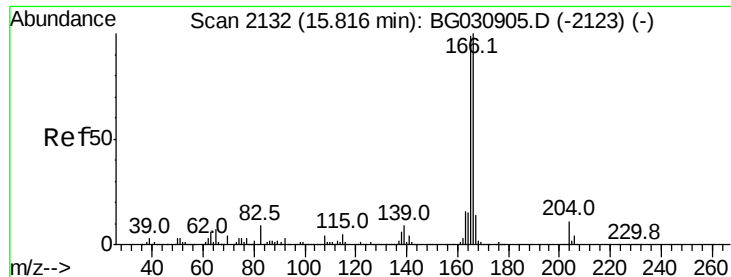
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 40.705 ng

RT: 15.80 min Scan# 2129

Delta R.T. -0.02 min

Lab File: BG031190.D

Acq: 22 Nov 2017 15:32

Instrument :

BNA_G

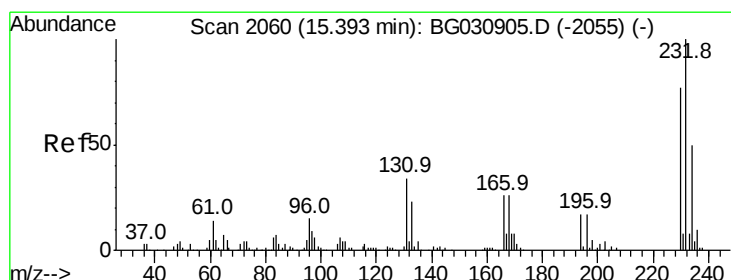
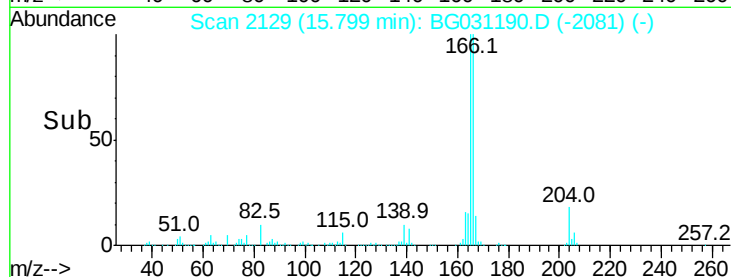
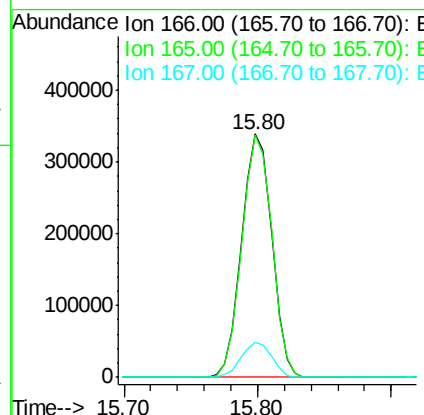
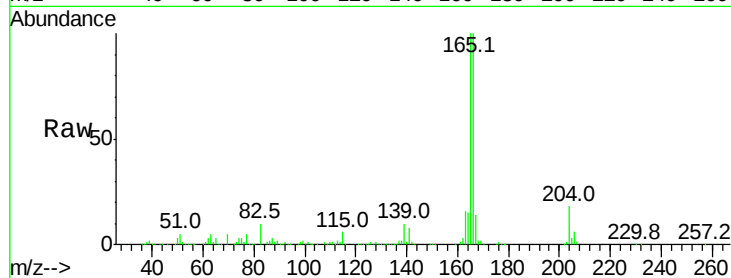
ClientSampleId :

PB104484BSD

Tot Ion:	166	Resp:	530853
Ion Ratio	Lower	Upper	
166	100		
165	99.7	80.6	121.0
167	14.2	10.4	15.6

Manual Integrations
APPROVED

Sohil
11/27/2017 3:22:00 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.411 ng

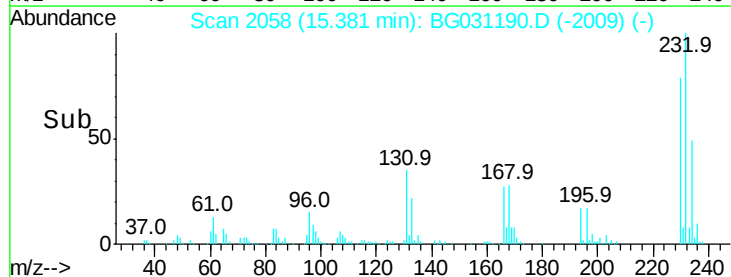
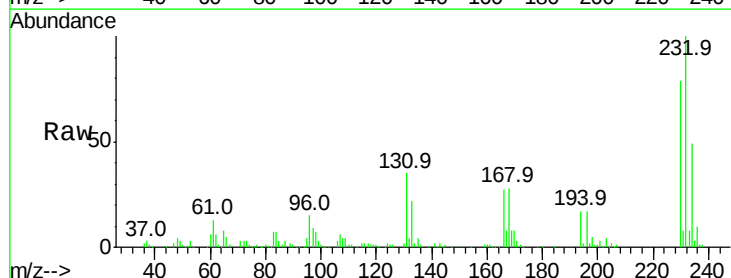
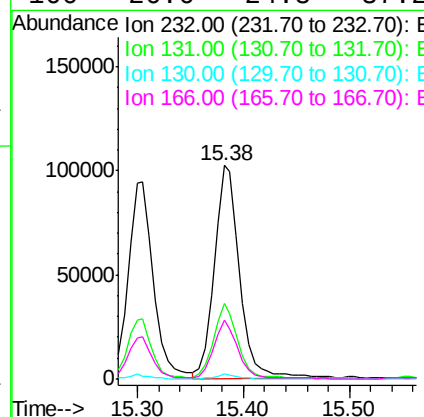
RT: 15.38 min Scan# 2058

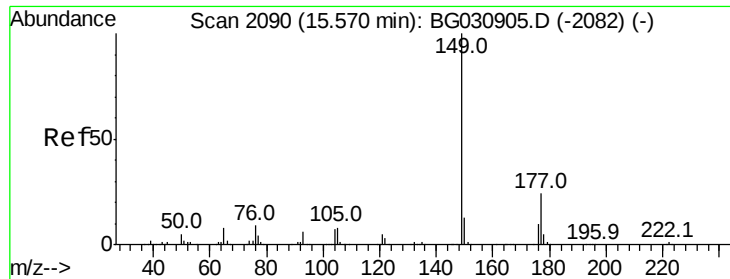
Delta R.T. -0.01 min

Lab File: BG031190.D

Acq: 22 Nov 2017 15:32

Tgt Ion:	232	Resp:	169370
Ion Ratio	Lower	Upper	
232	100		
131	33.7	33.5	50.3
130	1.9	2.2	3.2#
166	26.6	24.8	37.2





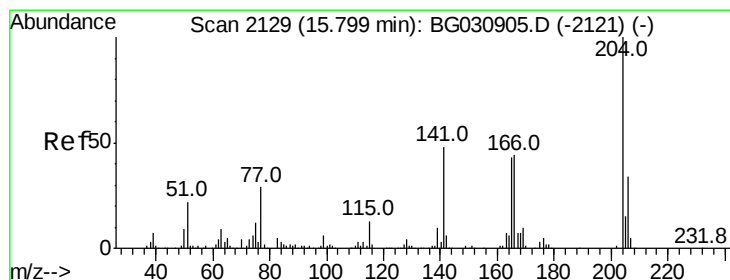
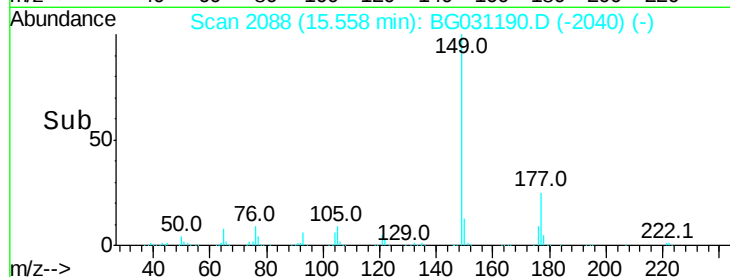
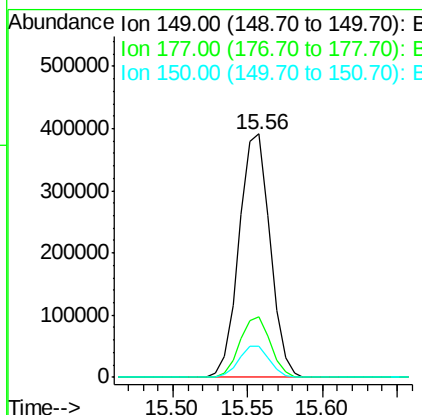
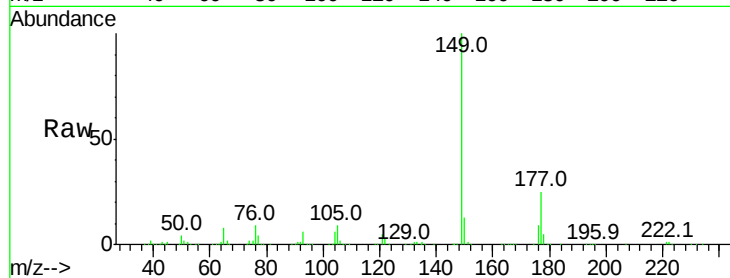
#59
Diethylphthalate
Concen: 38.900 ng
RT: 15.56 min Scan# 2088
Delta R.T. -0.02 min
Lab File: BG031190.D
Acq: 22 Nov 2017 15:32

Instrument :
BNA_G
ClientSampled :
PB104484BSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	25.1	18.5	27.7
150	12.7	10.2	15.2

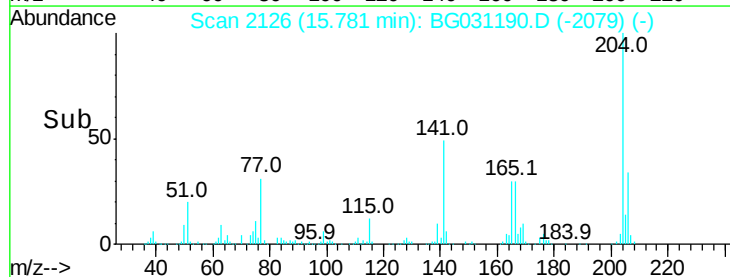
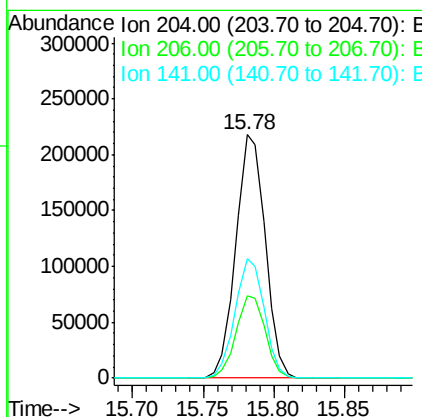
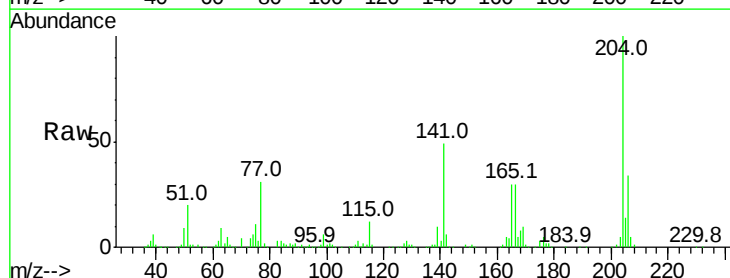
Manual Integrations
APPROVED

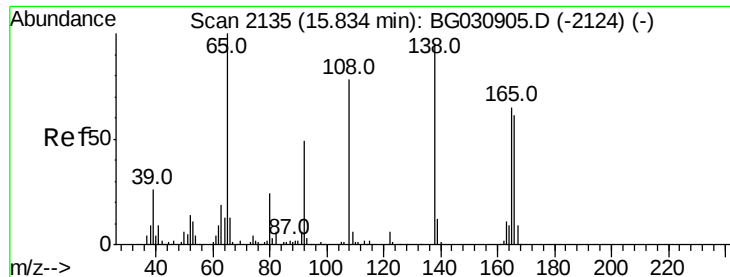
Sohil
11/27/2017 3:22:00 PM



#60
4-Chlorophenyl-phenylether
Concen: 40.143 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.02 min
Lab File: BG031190.D
Acq: 22 Nov 2017 15:32

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.8	26.2	39.2
141	48.9	45.8	68.6





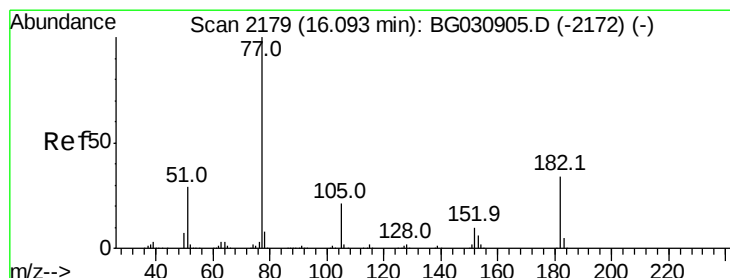
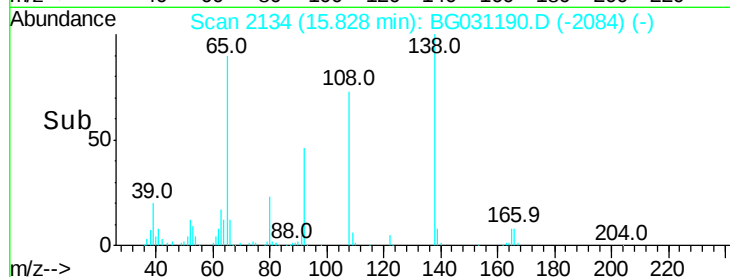
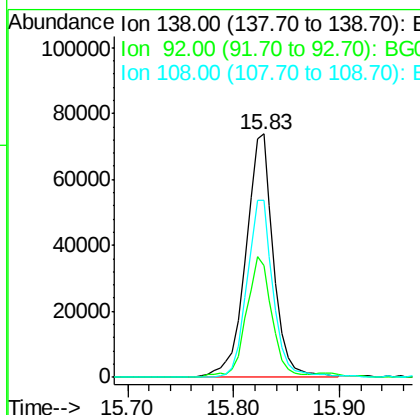
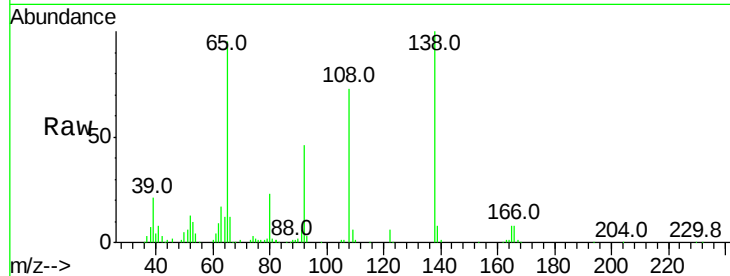
#61
4-Nitroaniline
Concen: 40.692 ng
RT: 15.83 min Scan# 2134
Delta R.T. -0.00 min
Lab File: BG031190.D
Acq: 22 Nov 2017 15:32

Instrument :
BNA_G
ClientSampleId :
PB104484BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.0	40.1	80.1
108	72.5	65.4	105.4

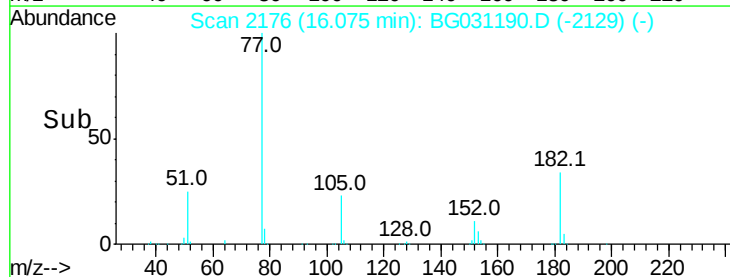
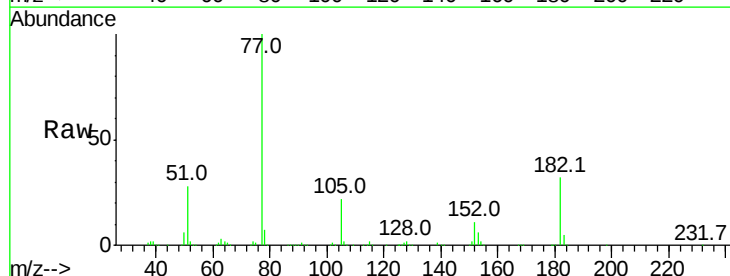
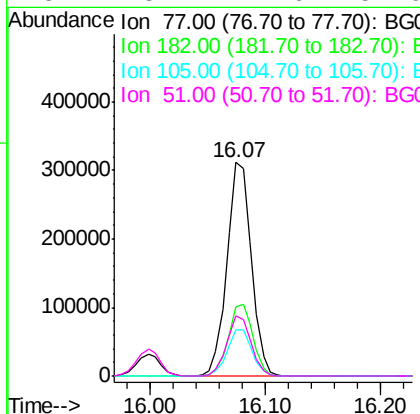
Manual Integrations
APPROVED

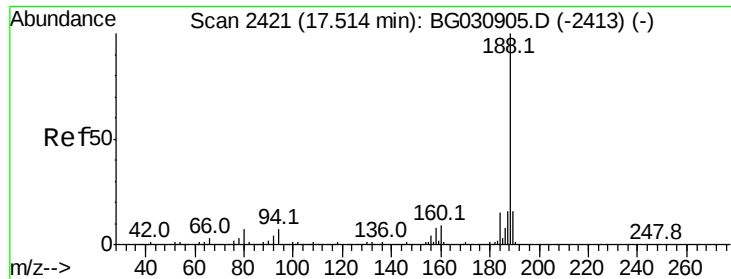
Sohil
11/27/2017 3:22:00 PM



#62
Azobenzene
Concen: 41.179 ng
RT: 16.07 min Scan# 2176
Delta R.T. -0.02 min
Lab File: BG031190.D
Acq: 22 Nov 2017 15:32

Tgt Ion	Ratio	Lower	Upper
77	100		
182	32.2	7.4	47.4
105	21.5	0.3	40.3
51	28.2	11.6	51.6





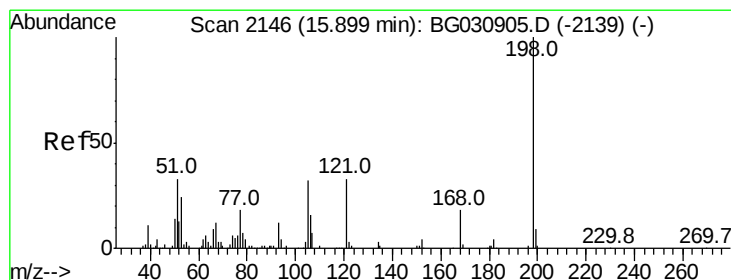
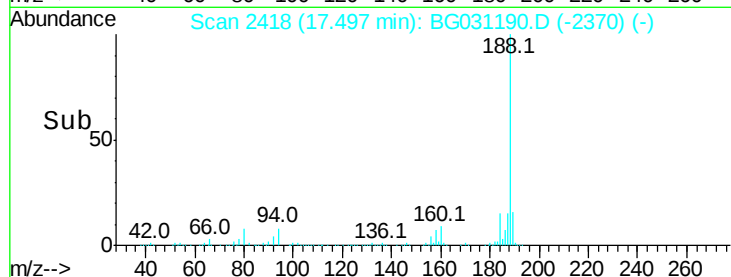
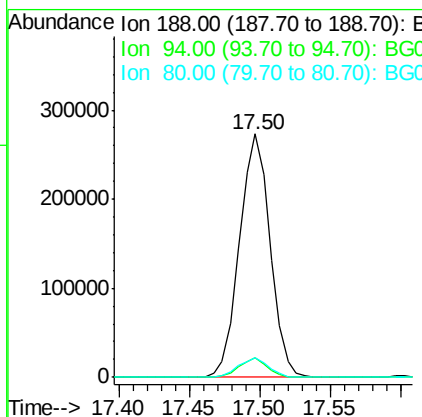
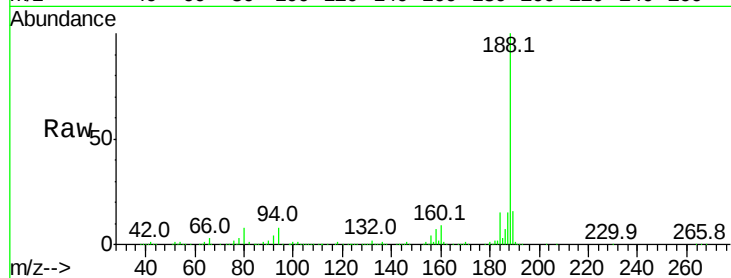
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG031190.D
Acq: 22 Nov 2017 15:32

Instrument :
BNA_G
ClientSampleId :
PB104484BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.2	6.9	10.3	
80	7.9	7.7	11.5	

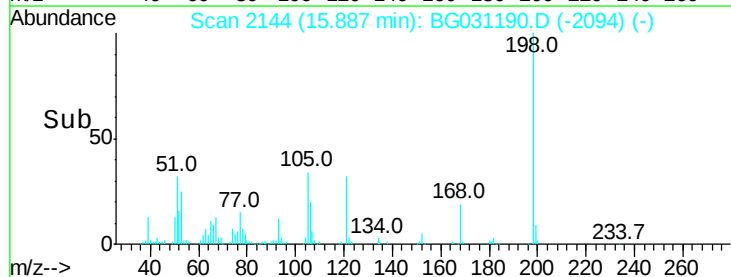
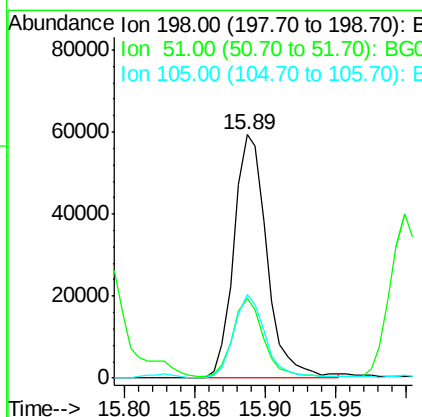
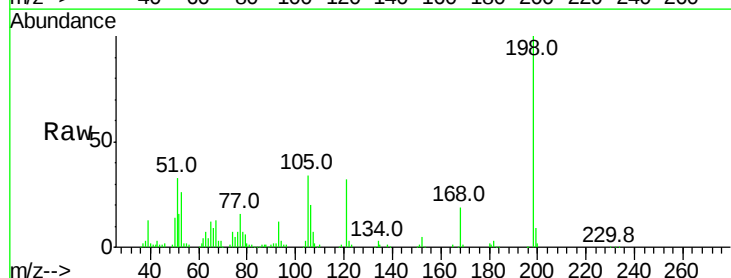
Manual Integrations
APPROVED

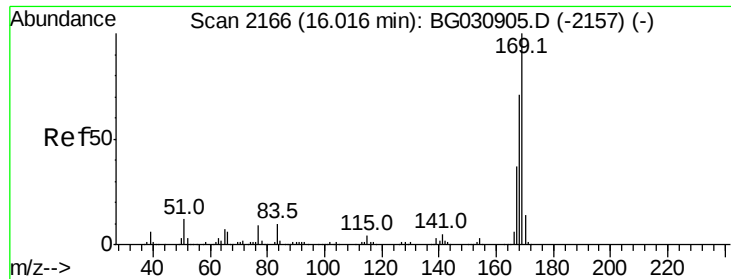
Sohil
11/27/2017 3:22:00 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 35.288 ng
RT: 15.89 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG031190.D
Acq: 22 Nov 2017 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	32.6	30.6	70.6	
105	34.1	23.8	63.8	





#65

n-Nitrosodiphenylamine

Concen: 39.822 ng

RT: 16.00 min Scan# 2163

Delta R.T. -0.02 min

Lab File: BG031190.D

Acq: 22 Nov 2017 15:32

Instrument :

BNA_G

ClientSampleId :

PB104484BSD

Tot Ion:169 Resp: 499620

Ion Ratio Lower Upper

169 100

168 68.9 55.7 83.5

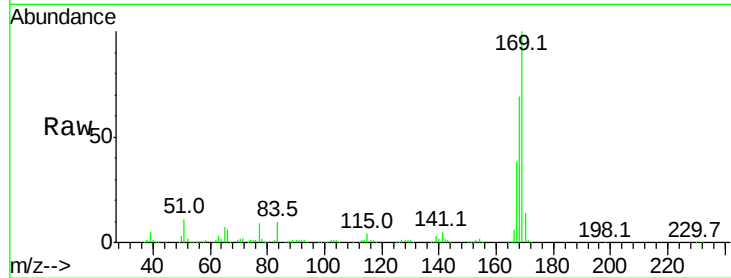
167 38.0 30.1 45.1

Manual Integrations

APPROVED

Sohil

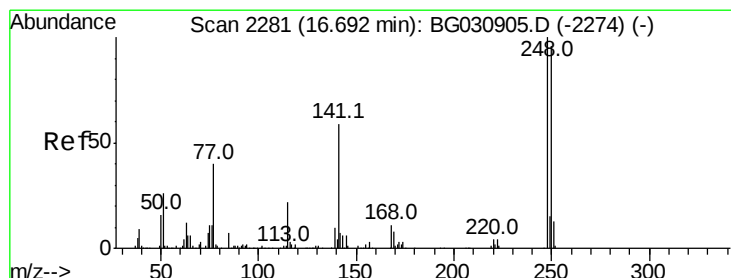
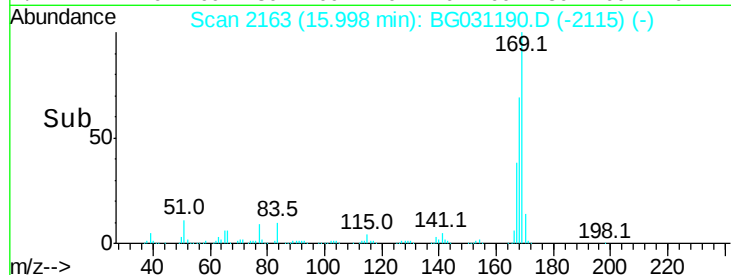
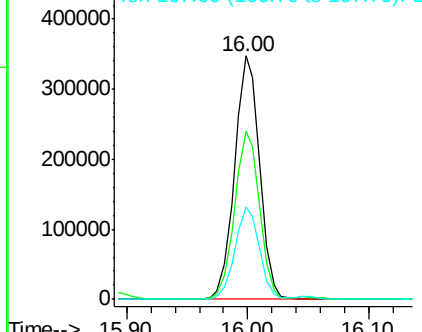
11/27/2017 3:22:00 PM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.083 ng

RT: 16.67 min Scan# 2278

Delta R.T. -0.02 min

Lab File: BG031190.D

Acq: 22 Nov 2017 15:32

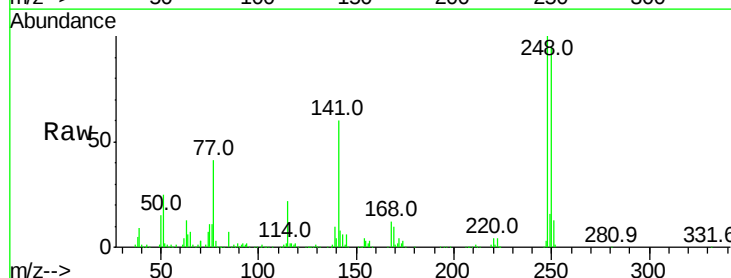
Tgt Ion:248 Resp: 210193

Ion Ratio Lower Upper

248 100

250 95.0 77.1 115.7

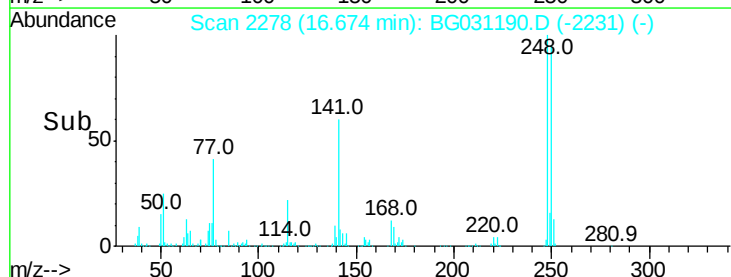
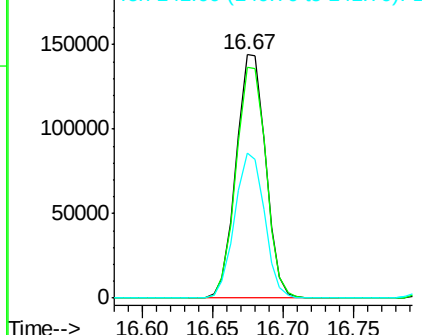
141 59.8 50.8 76.2

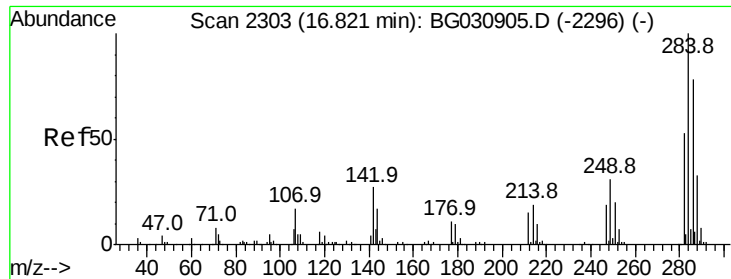


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





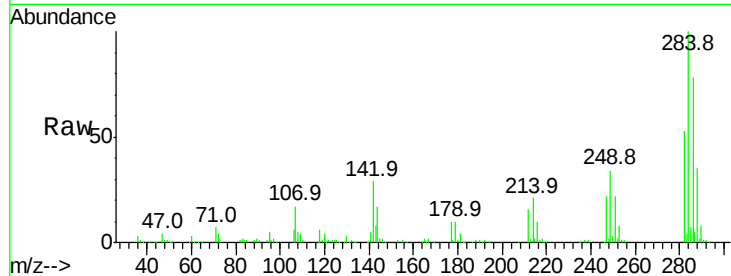
#67
Hexachlorobenzene
Concen: 38.230 ng
RT: 16.81 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BG031190.D
Acq: 22 Nov 2017 15:32

Instrument :
BNA_G
ClientSampleId :
PB104484BSD

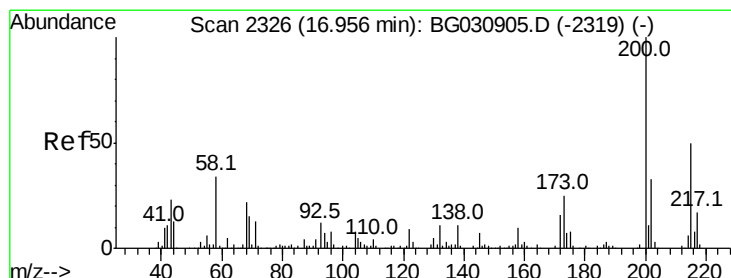
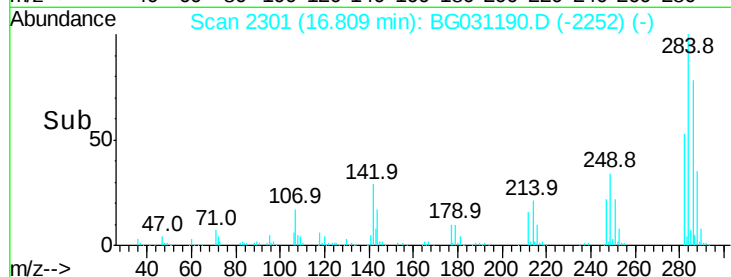
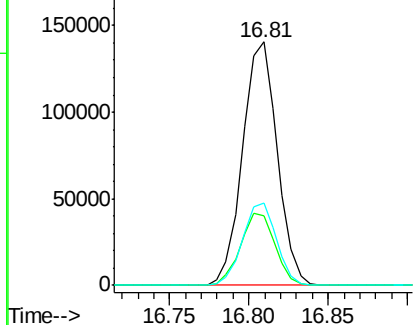
Tot Ion	Ratio	Resp	Lower	Upper
284	100	213015		
142	28.8	26.8	40.2	
249	33.6	26.3	39.5	

Manual Integrations
APPROVED

Sohil
11/27/2017 3:22:00 PM

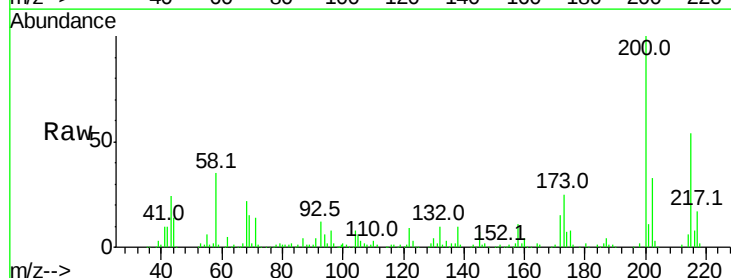


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

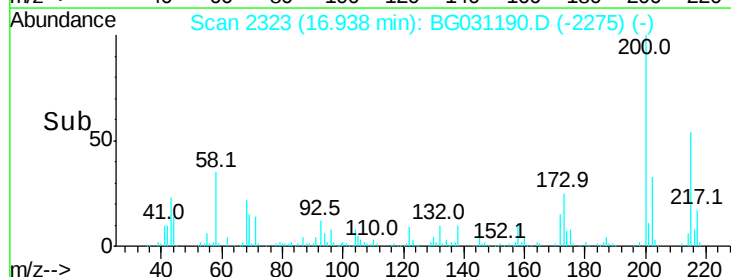
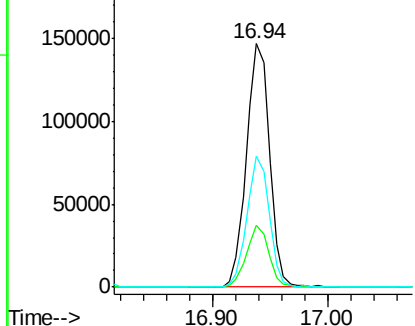


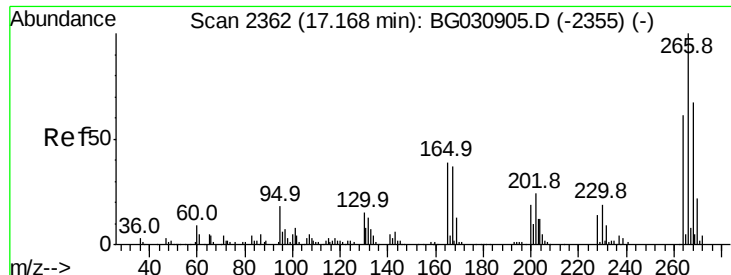
#68
Atrazine
Concen: 39.709 ng
RT: 16.94 min Scan# 2323
Delta R.T. -0.02 min
Lab File: BG031190.D
Acq: 22 Nov 2017 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	205559		
173	25.2	5.2	45.2	
215	53.6	30.4	70.4	



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





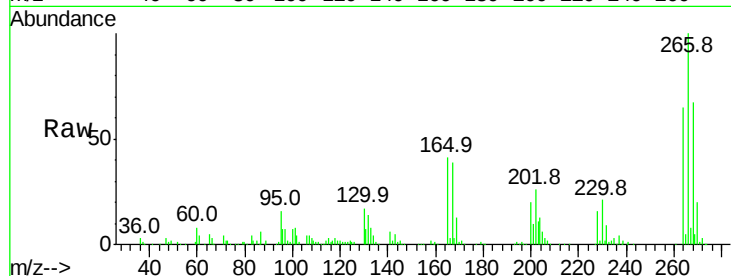
#69
 Pentachlorophenol
 Concen: 65.456 ng
 RT: 17.16 min Scan# 2360
 Delta R.T. -0.00 min
 Lab File: BG031190.D
 Acq: 22 Nov 2017 15:32

Instrument :
 BNA_G
 ClientSampleId :
 PB104484BSD

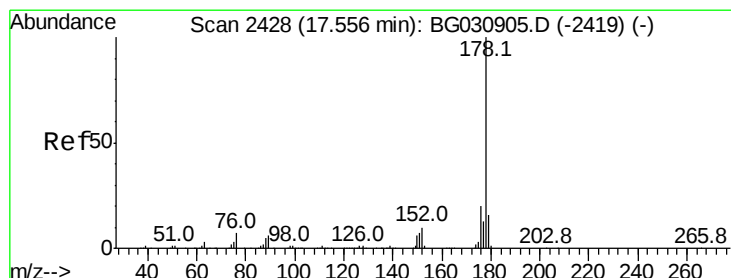
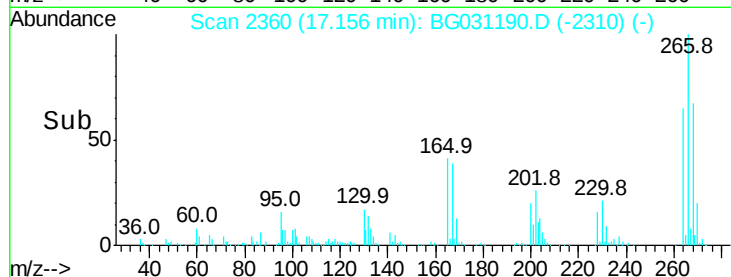
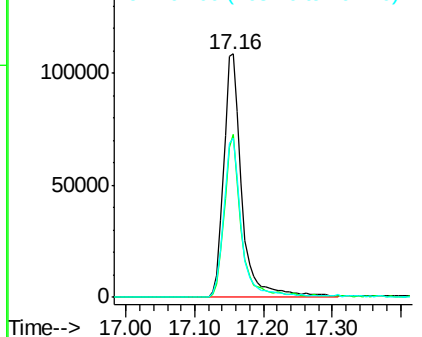
Tot Ion	Ratio	Resp	Lower	Upper
266	100	201608		
268	67.0		51.1	76.7
264	65.4		49.6	74.4

Manual Integrations
 APPROVED

Sohil
 11/27/2017 3:22:00 PM

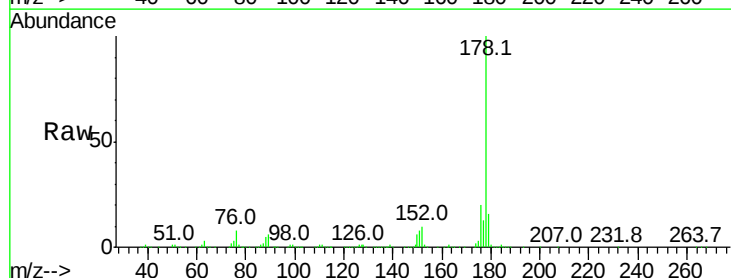


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

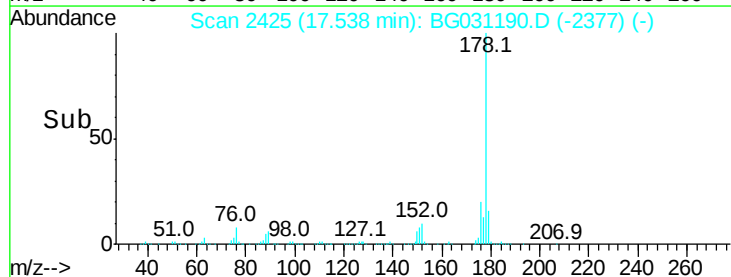
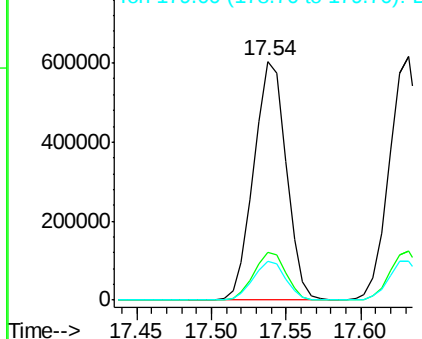


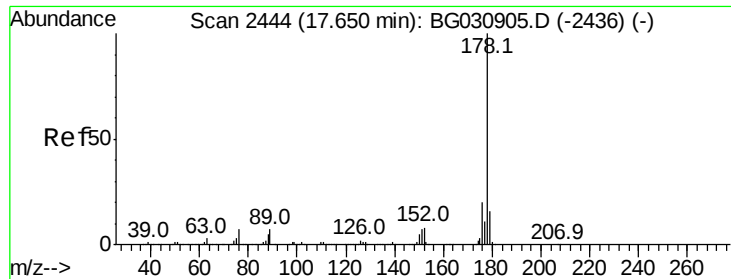
#70
 Phenanthrene
 Concen: 42.248 ng
 RT: 17.54 min Scan# 2425
 Delta R.T. -0.02 min
 Lab File: BG031190.D
 Acq: 22 Nov 2017 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	910767		
176	19.8		15.7	23.5
179	16.5		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





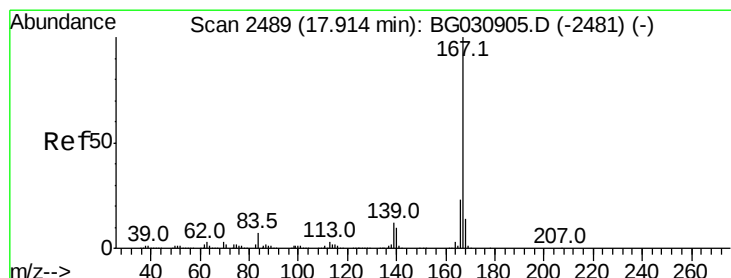
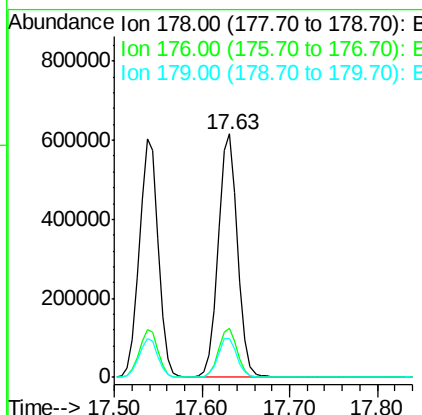
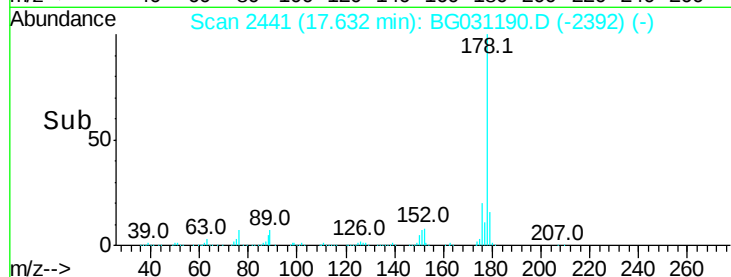
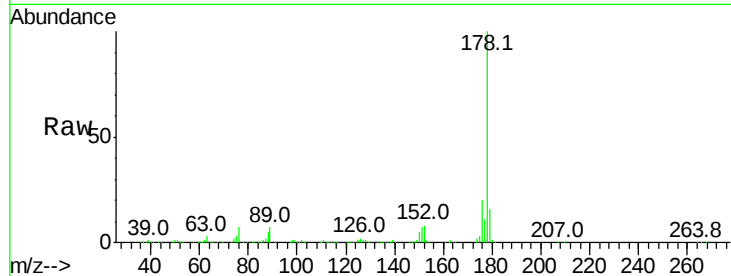
#71
 Anthracene
 Concen: 43.532 ng
 RT: 17.63 min Scan# 2441
 Delta R.T. -0.01 min
 Lab File: BG031190.D
 Acq: 22 Nov 2017 15:32

Instrument :
 BNA_G
 ClientSampleId :
 PB104484BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.0	24.0
179	16.2	12.5	18.7

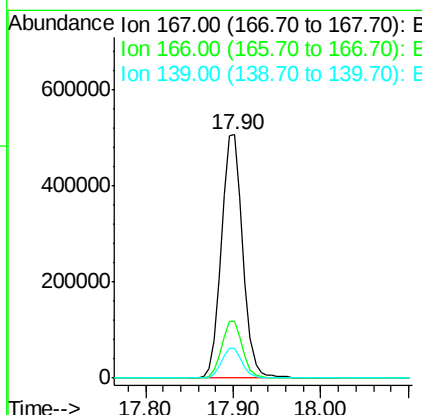
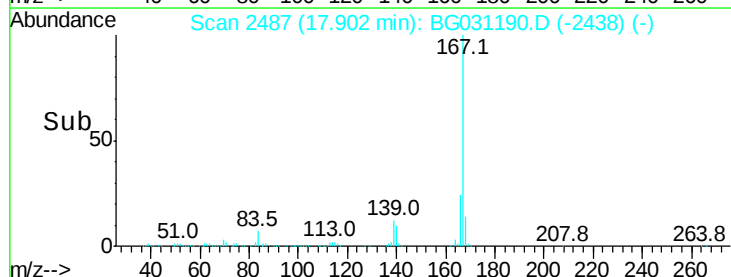
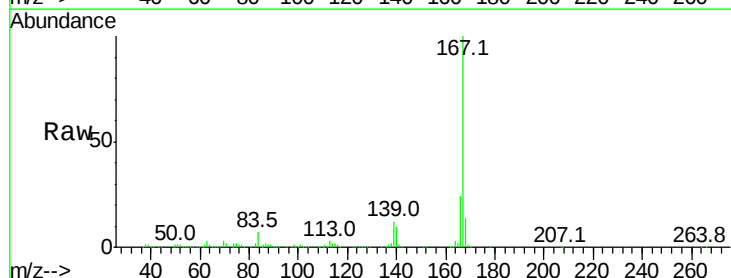
Manual Integrations
 APPROVED

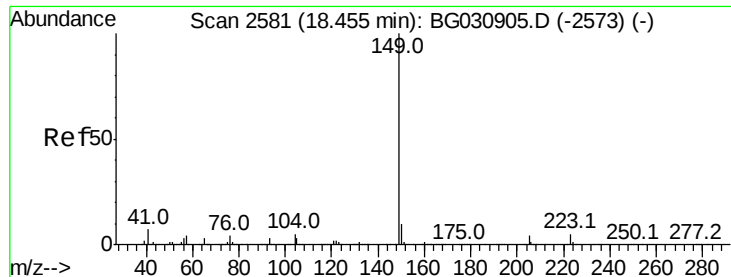
Sohil
 11/27/2017 3:22:00 PM



#72
 Carbazole
 Concen: 42.348 ng
 RT: 17.90 min Scan# 2487
 Delta R.T. -0.01 min
 Lab File: BG031190.D
 Acq: 22 Nov 2017 15:32

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.5	18.2	27.4
139	12.1	9.4	14.2





#73

Di-n-butylphthalate

Concen: 40.096 ng

RT: 18.44 min Scan# 2578

Delta R.T. -0.02 min

Lab File: BG031190.D

Acq: 22 Nov 2017 15:32

Instrument :

BNA_G

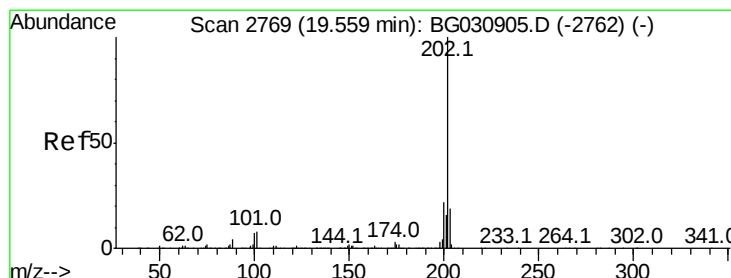
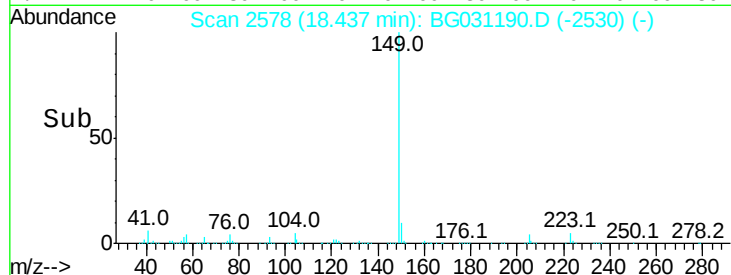
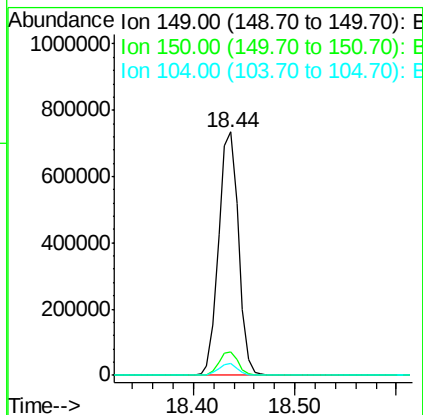
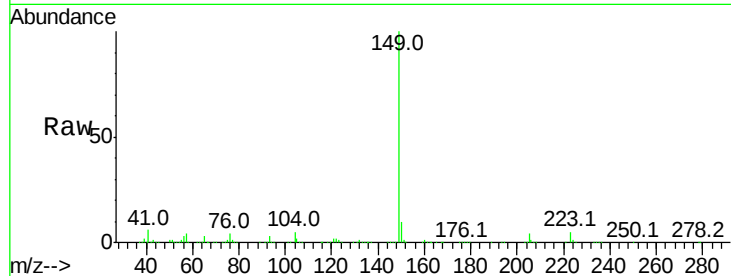
ClientSampleID :

PB104484BSD

Tot Ion:	149	Resp:	996440
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.8	11.6
104	4.7	3.9	5.9

Manual Integrations
APPROVED

Sohil
11/27/2017 3:22:00 PM



#74

Fluoranthene

Concen: 44.181 ng

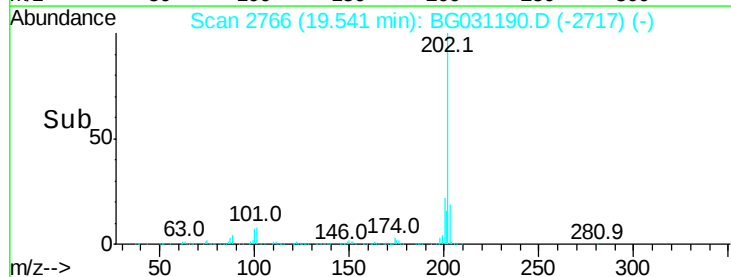
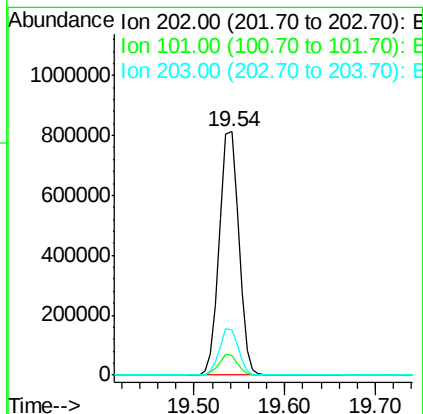
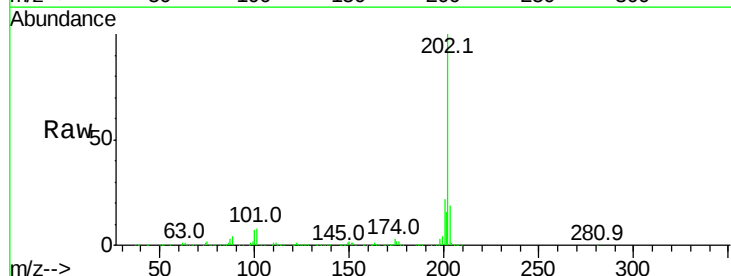
RT: 19.54 min Scan# 2766

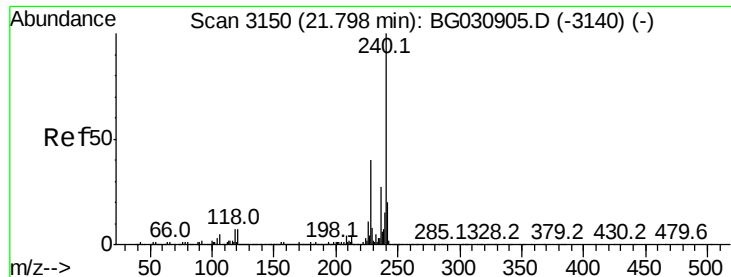
Delta R.T. -0.01 min

Lab File: BG031190.D

Acq: 22 Nov 2017 15:32

Tgt Ion:	202	Resp:	1205925
Ion Ratio	Lower	Upper	
202	100		
101	8.3	0.0	28.9
203	18.8	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG031190.D

Acq: 22 Nov 2017 15:32

Instrument :

BNA_G

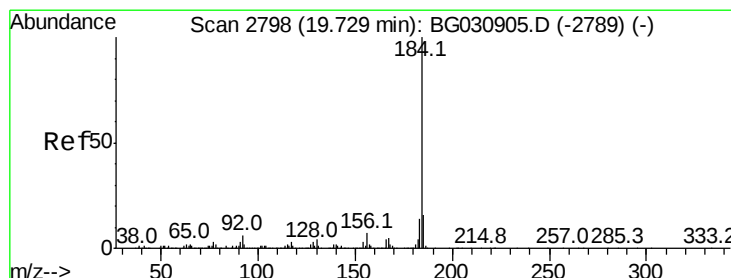
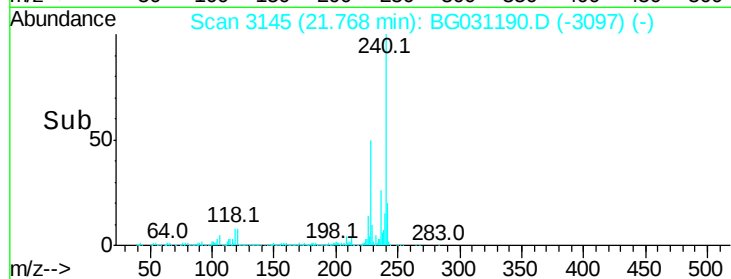
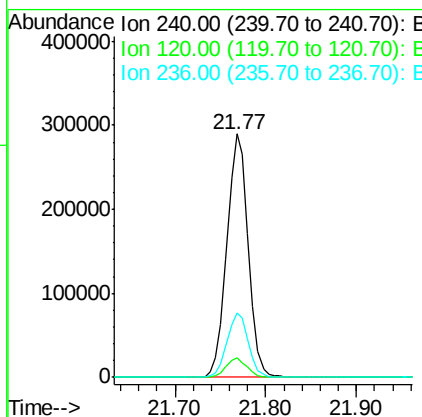
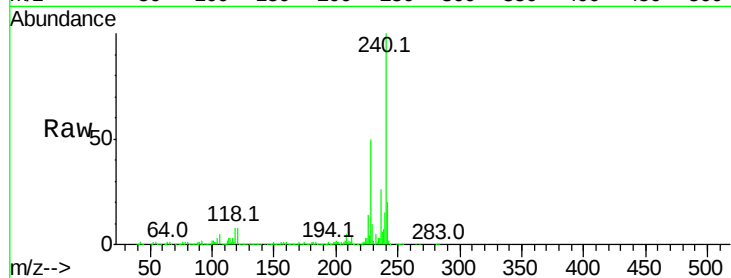
ClientSampleId :

PB104484BSD

Tot Ion:	240	Resp:	471298
Ion Ratio	Lower	Upper	
240	100		
120	7.9	6.8	10.2
236	26.3	20.9	31.3

Manual Integrations
APPROVED

Sohil
11/27/2017 3:22:00 PM



#76

Benzidine

Concen: 31.943 ng

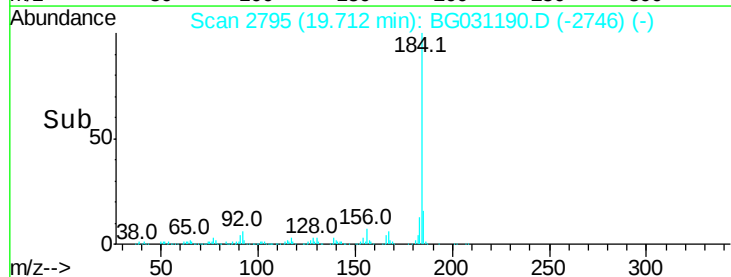
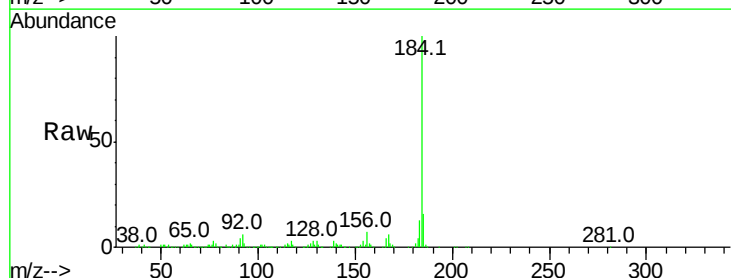
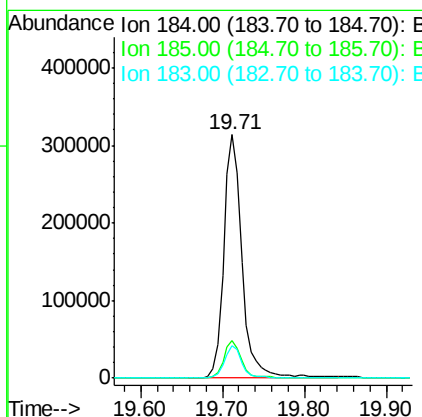
RT: 19.71 min Scan# 2795

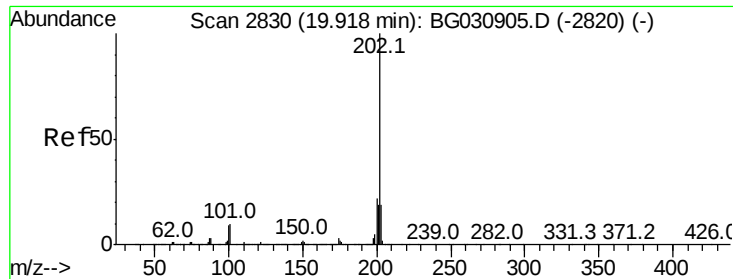
Delta R.T. -0.01 min

Lab File: BG031190.D

Acq: 22 Nov 2017 15:32

Tgt Ion:	184	Resp:	483594
Ion Ratio	Lower	Upper	
184	100		
185	15.6	11.1	16.7
183	13.2	10.6	16.0





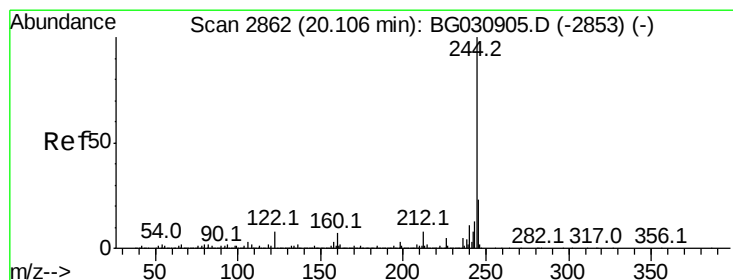
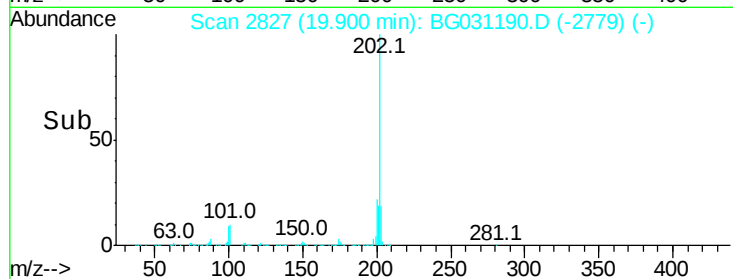
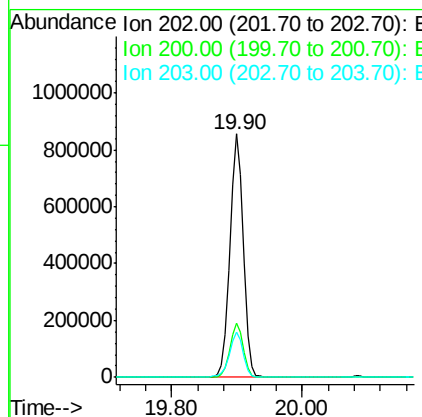
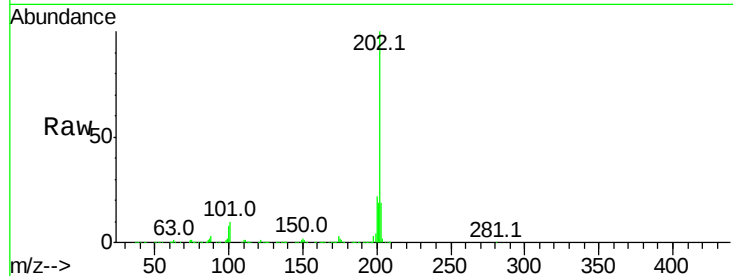
#77
Pvrene
Concen: 43.421 ng
RT: 19.90 min Scan# 2827
Delta R.T. -0.02 min
Lab File: BG031190.D
Acq: 22 Nov 2017 15:32

Instrument :
BNA_G
ClientSampleId :
PB104484BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	16.9	25.3
203	18.8	13.9	20.9

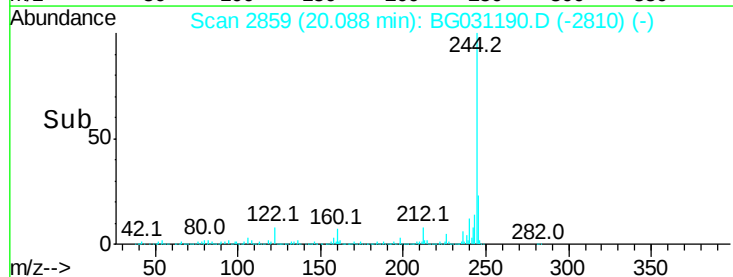
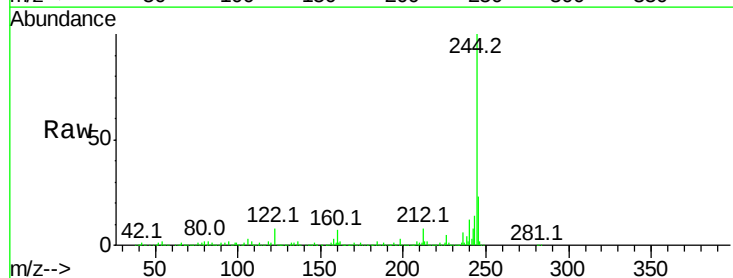
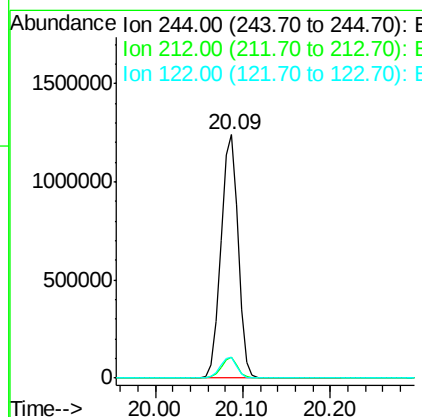
Manual Integrations
APPROVED

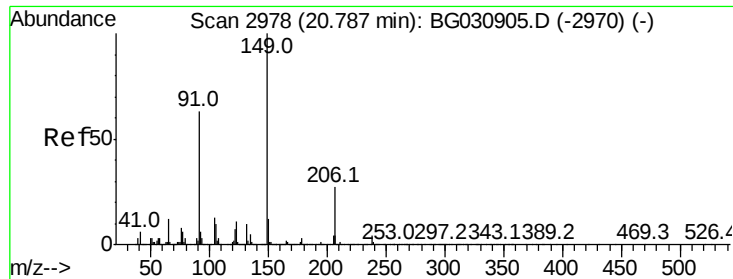
Sohil
11/27/2017 3:22:00 PM



#78
Terphenyl-d14
Concen: 79.327 ng
RT: 20.09 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BG031190.D
Acq: 22 Nov 2017 15:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.8
122	8.3	7.0	10.4





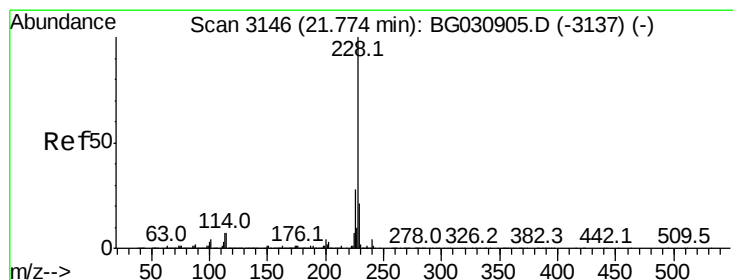
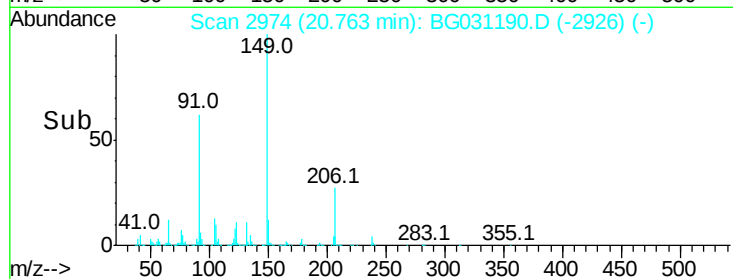
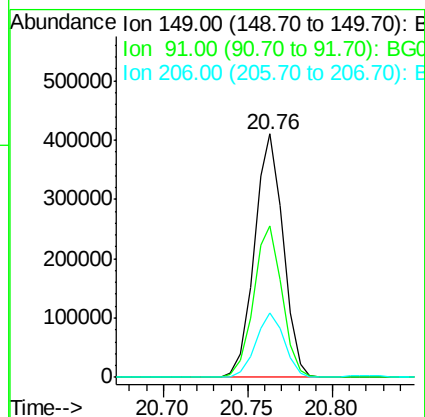
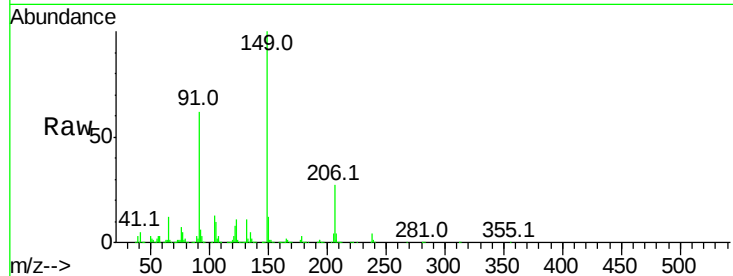
#79
Butylbenzylphthalate
Concen: 43.494 ng
RT: 20.76 min Scan# 2974
Delta R.T. -0.02 min
Lab File: BG031190.D
Acq: 22 Nov 2017 15:32

Instrument :
BNA_G
ClientSampled :
PB104484BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	484994		
91	62.3		62.2	93.2
206	26.6		18.6	27.8

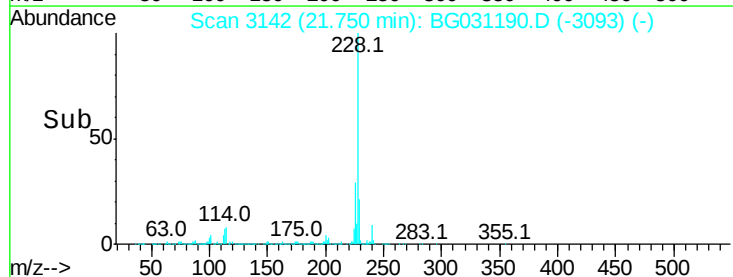
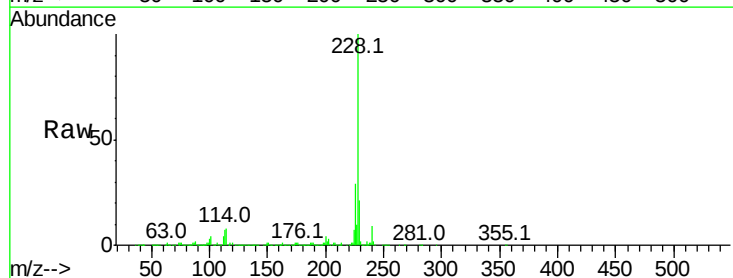
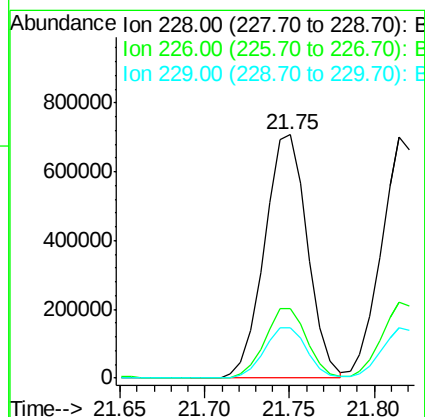
Manual Integrations
APPROVED

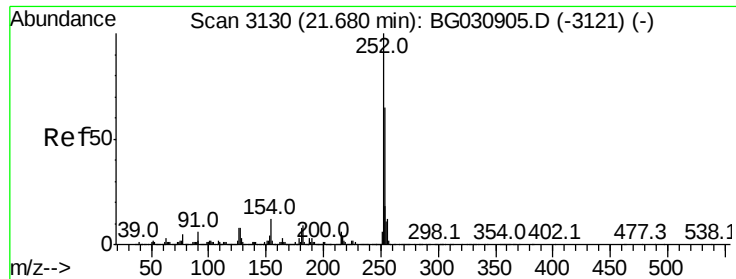
Sohil
11/27/2017 3:22:00 PM



#80
Benzo(a)anthracene
Concen: 42.599 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG031190.D
Acq: 22 Nov 2017 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1247098		
226	28.6		22.7	34.1
229	20.9		16.2	24.2





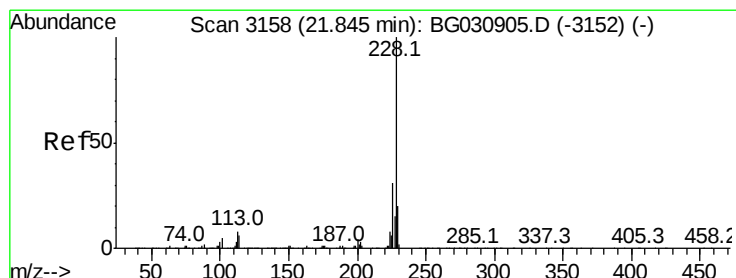
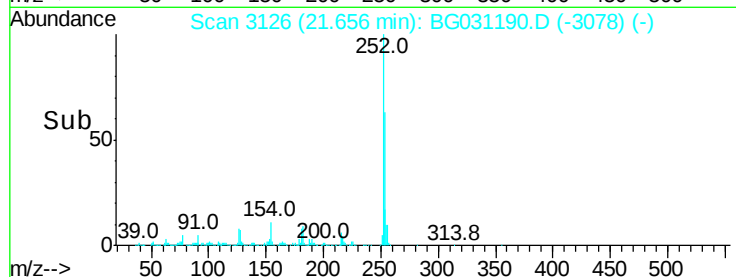
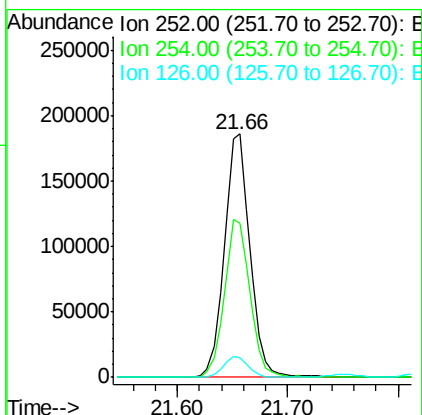
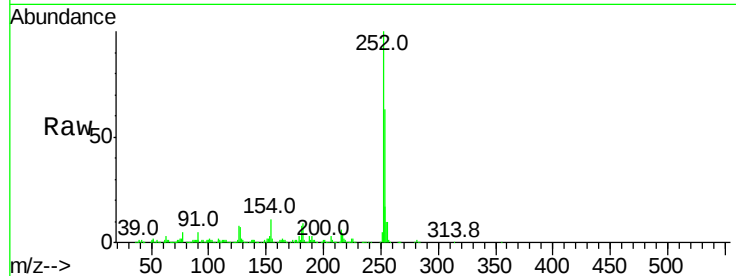
#81
 3,3'-Dichlorobenzidine
 Concen: 25.589 ng
 RT: 21.66 min Scan# 3126
 Delta R.T. -0.02 min
 Lab File: BG031190.D
 Acq: 22 Nov 2017 15:32

Instrument :
 BNA_G
 ClientSampleId :
 PB104484BSD

Tot Ion:	252	Resp:	302391
Ion Ratio	Lower	Upper	
252	100		
254	63.3	50.8	76.2
126	8.1	7.4	11.2

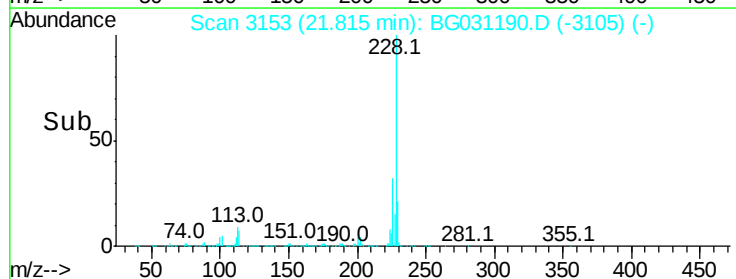
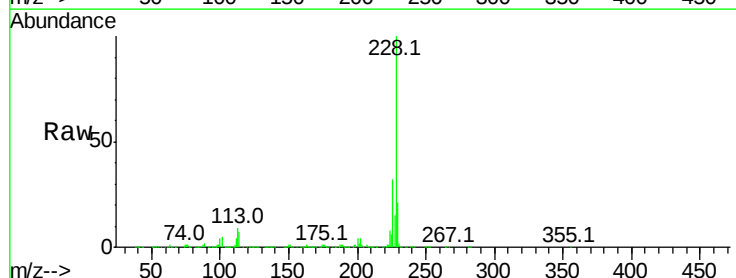
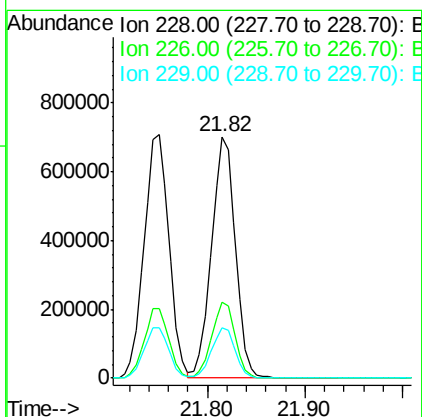
Manual Integrations
 APPROVED

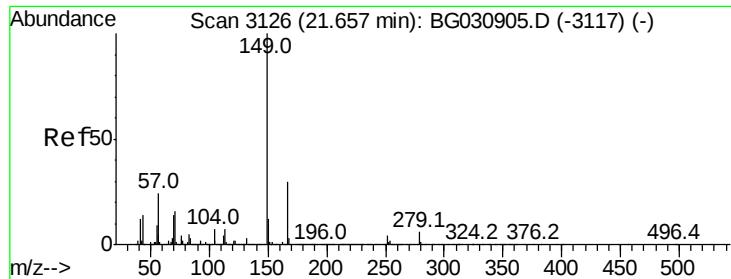
Sohil
 11/27/2017 3:22:00 PM



#82
 Chrysene
 Concen: 43.580 ng
 RT: 21.82 min Scan# 3153
 Delta R.T. -0.02 min
 Lab File: BG031190.D
 Acq: 22 Nov 2017 15:32

Tgt Ion:	228	Resp:	1180167
Ion Ratio	Lower	Upper	
228	100		
226	31.5	24.9	37.3
229	21.0	15.0	22.4





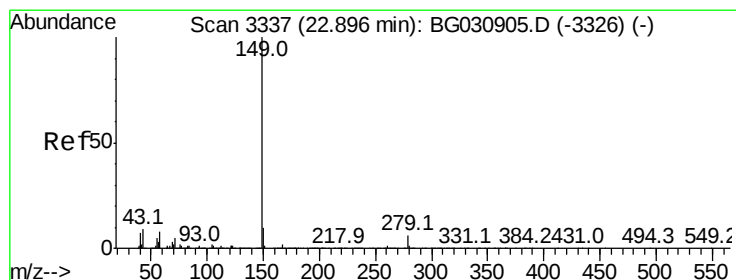
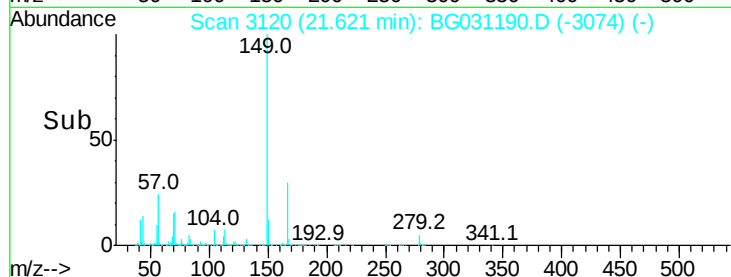
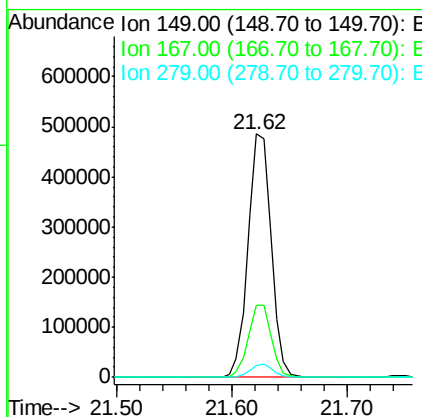
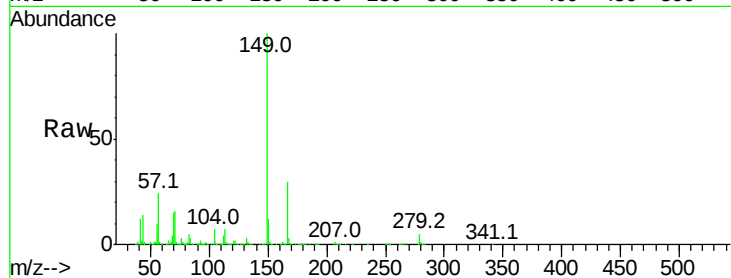
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.021 ng
 RT: 21.62 min Scan# 3120
 Delta R.T. -0.03 min
 Lab File: BG031190.D
 Acq: 22 Nov 2017 15:32

Instrument :
 BNA_G
 ClientSampleId :
 PB104484BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.8	24.3	36.5
279	5.0	4.0	6.0

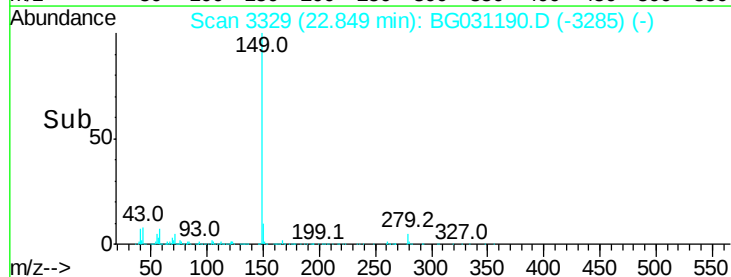
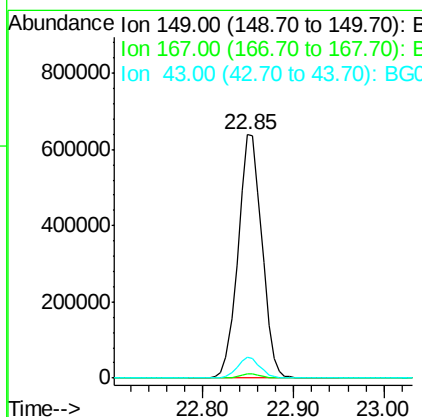
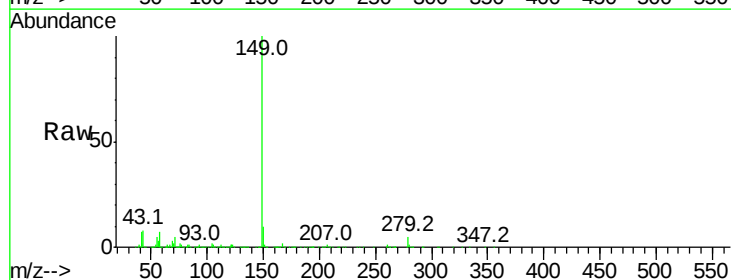
Manual Integrations
 APPROVED

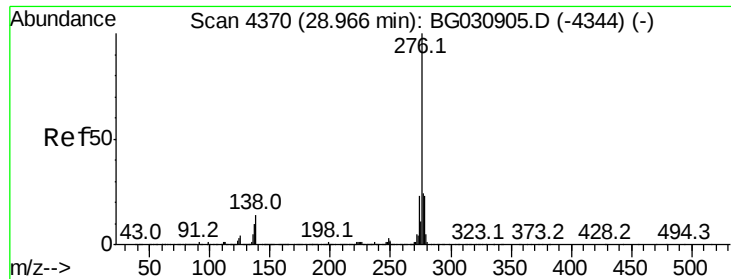
Sohil
 11/27/2017 3:22:00 PM



#84
 Di-n-octyl phthalate
 Concen: 44.562 ng
 RT: 22.85 min Scan# 3329
 Delta R.T. -0.04 min
 Lab File: BG031190.D
 Acq: 22 Nov 2017 15:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	8.1	8.9	13.3





#85

Indeno(1,2,3-cd)pyrene

Concen: 40.947 ng

RT: 28.85 min Scan# 4351

Delta R.T. -0.03 min

Lab File: BG031190.D

Acq: 22 Nov 2017 15:32

Instrument :

BNA_G

ClientSampleId :

PB104484BSD

Tot Ion:276 Resp: 1348055

Ion Ratio Lower Upper

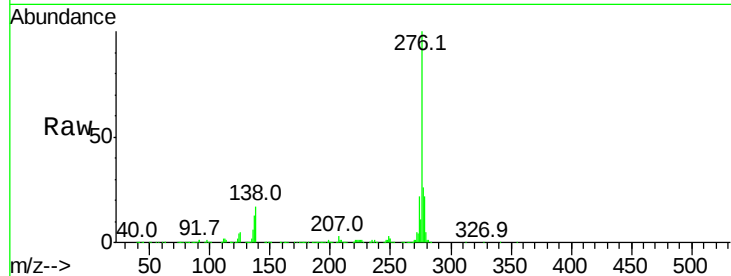
276 100

138 19.9 16.0 24.0

277 26.1 20.0 30.0

Manual Integrations
APPROVED

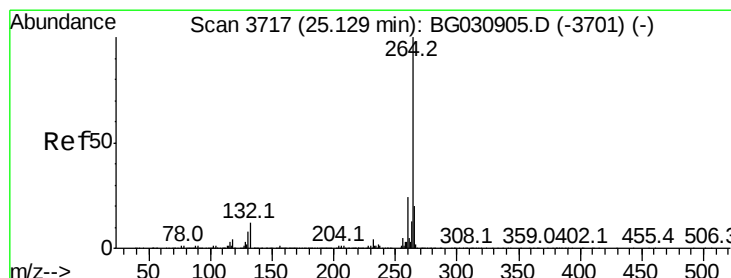
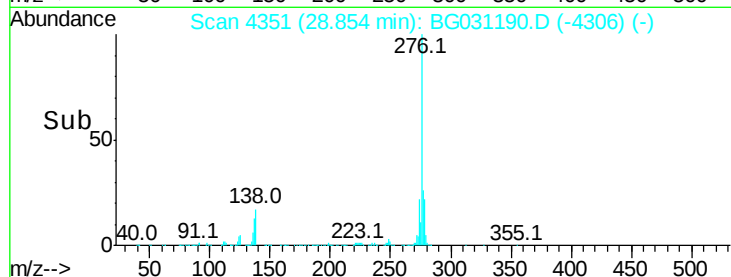
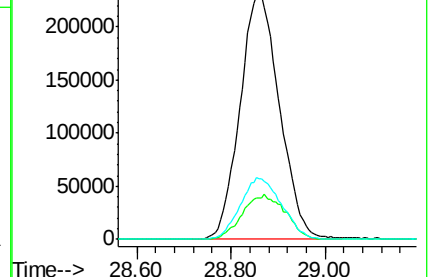
Sohil
11/27/2017 3:22:00 PM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.06 min Scan# 3706

Delta R.T. -0.03 min

Lab File: BG031190.D

Acq: 22 Nov 2017 15:32

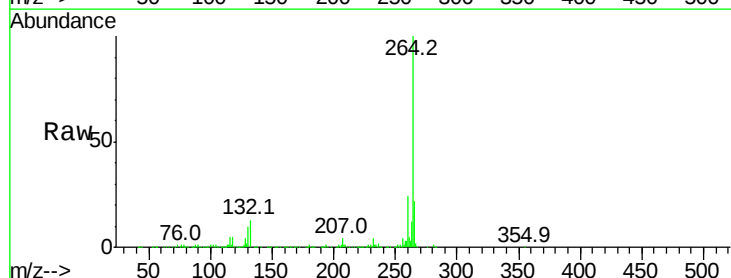
Tgt Ion:264 Resp: 471959

Ion Ratio Lower Upper

264 100

260 23.8 17.4 26.0

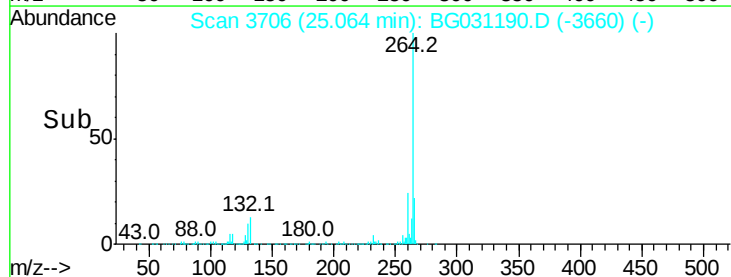
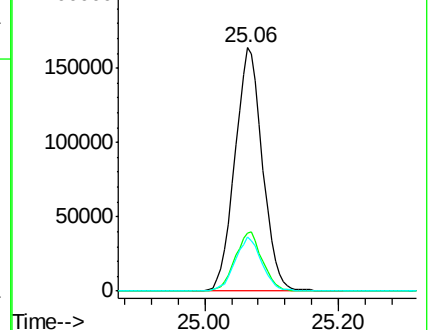
265 22.5 17.7 26.5

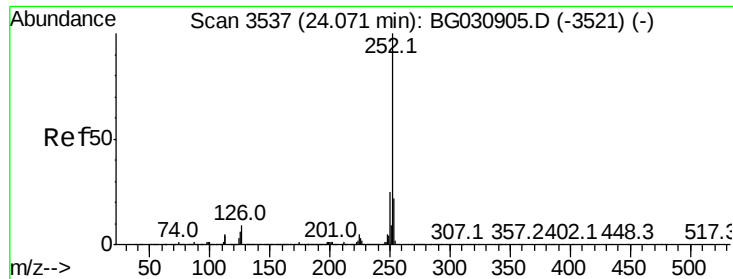


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





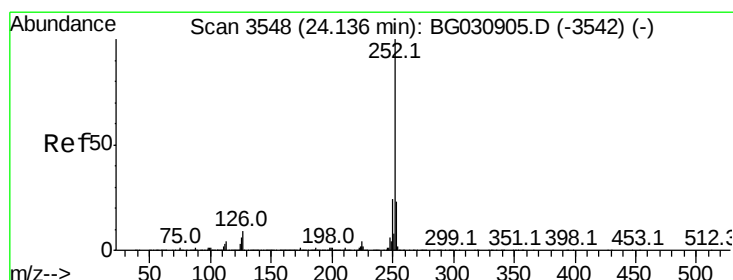
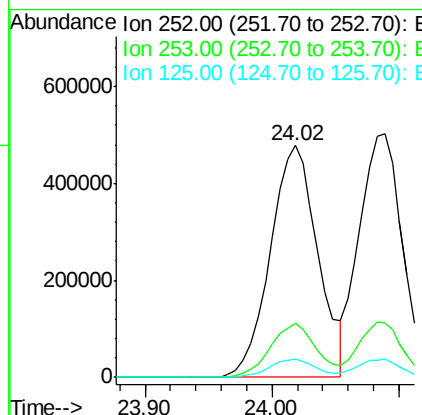
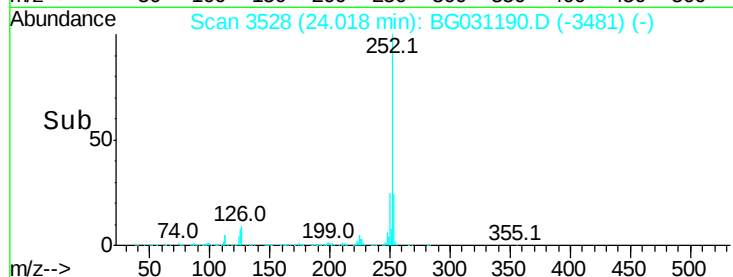
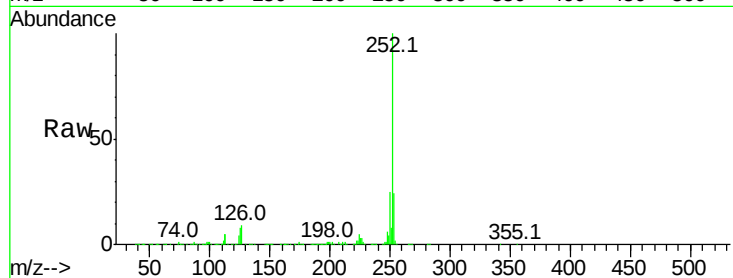
#87
Benzo(b)fluoranthene
Concen: 43.639 ng
RT: 24.02 min Scan# 3528
Delta R.T. -0.02 min
Lab File: BG031190.D
Acq: 22 Nov 2017 15:32

Instrument :
BNA_G
ClientSampleId :
PB104484BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.4
125	7.7	7.2	10.8

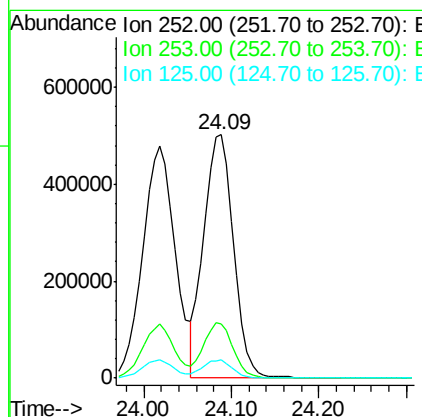
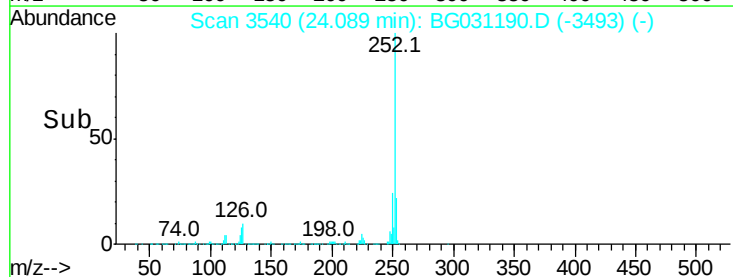
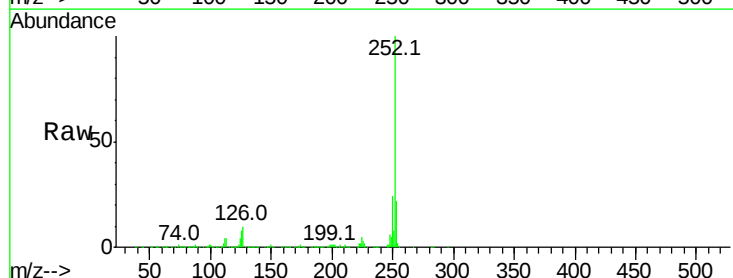
Manual Integrations
APPROVED

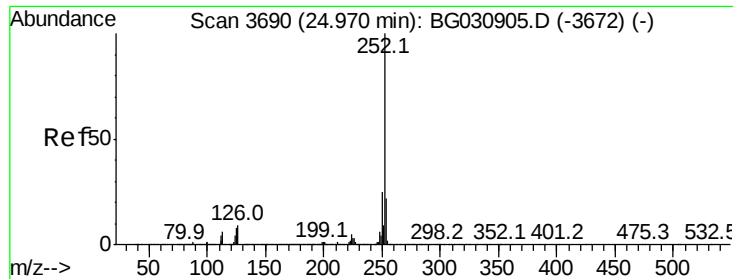
Sohil
11/27/2017 3:22:00 PM



#88
Benzo(k)fluoranthene
Concen: 41.964 ng
RT: 24.09 min Scan# 3540
Delta R.T. -0.02 min
Lab File: BG031190.D
Acq: 22 Nov 2017 15:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	7.5	6.6	9.8





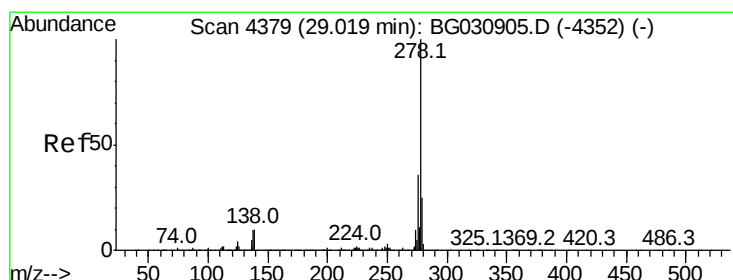
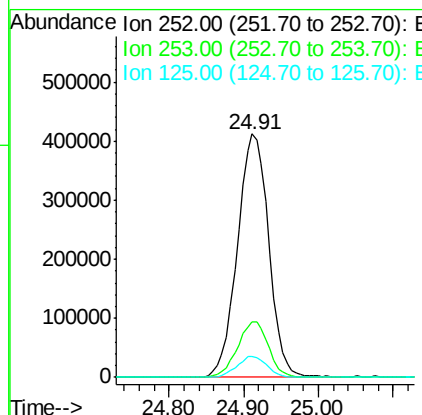
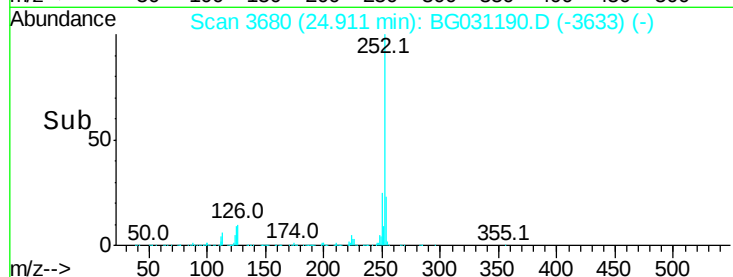
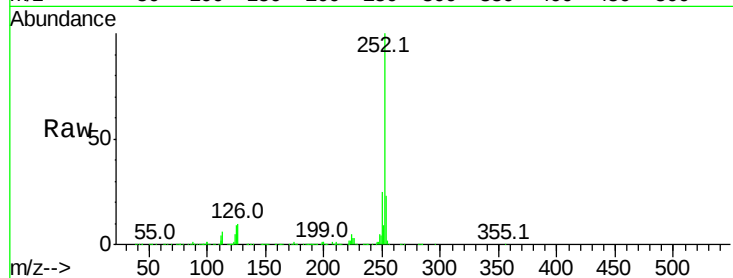
#89
Benzo(a)pyrene
Concen: 44.102 ng
RT: 24.91 min Scan# 3680
Delta R.T. -0.02 min
Lab File: BG031190.D
Acq: 22 Nov 2017 15:32

Instrument :
BNA_G
ClientSampleId :
PB104484BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.3	27.5
125	8.7	7.3	10.9

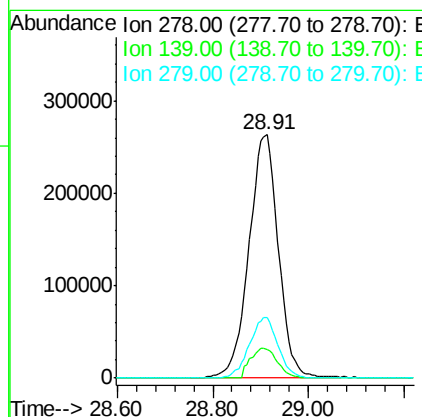
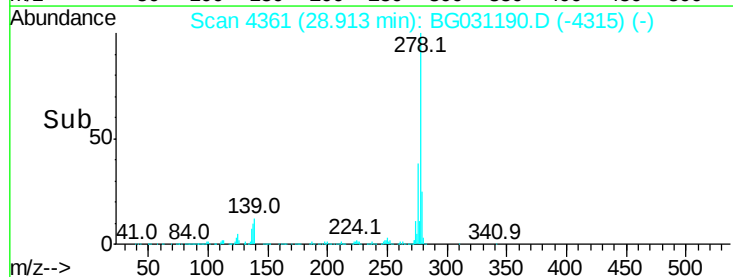
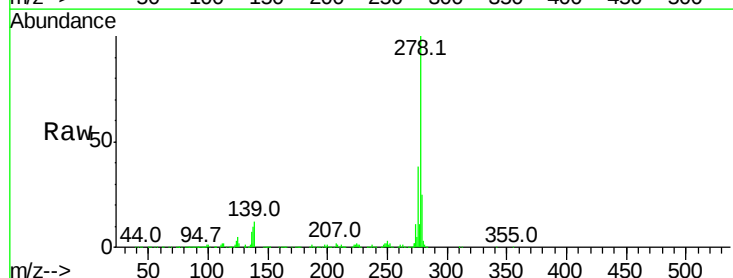
Manual Integrations
APPROVED

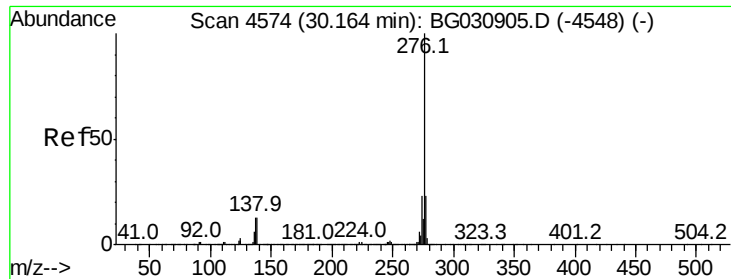
Sohil
11/27/2017 3:22:00 PM



#90
Dibenzo(a,h)anthracene
Concen: 40.565 ng
RT: 28.91 min Scan# 4361
Delta R.T. -0.03 min
Lab File: BG031190.D
Acq: 22 Nov 2017 15:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.7	9.8	14.6
279	24.6	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 41.162 ng
 RT: 30.03 min Scan# 4552
 Delta R.T. -0.04 min
 Lab File: BG031190.D
 Acq: 22 Nov 2017 15:32

Instrument :
 BNA_G
 ClientSampleId :
 PB104484BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.3	27.5
138	16.7	13.9	20.9

Manual Integrations
 APPROVED

Sohil
 11/27/2017 3:22:00 PM

