

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021219\
 Data File : BG039472.D
 Acq On : 12 Feb 2019 20:33
 Operator : JU/SJ
 Sample : PB117058BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117058BS

Manual Integrations
 APPROVED

Sohil
 2/13/2019 9:56:54 AM

Quant Time: Feb 13 01:01:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	50089	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	248414	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	176082	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	414770	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	413371	20.00	ng	-0.02
87) Perylene-d12	25.22	264	398791	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	377043	128.83	ng	0.00
7) Phenol-d6	7.32	99	562008	130.46	ng	0.00
23) Nitrobenzene-d5	9.35	82	317496	79.84	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	219301	115.66	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	802559	65.38	ng	-0.02
79) Terphenyl-d14	20.13	244	1250929	64.05	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.60	88	29947	23.393	ng	94
3) Pyridine	4.00	79	85834	25.324	ng	95
4) n-Nitrosodimethylamine	3.93	42	53997	31.855	ng	# 78
6) Aniline	7.50	93	119944	22.228	ng	97
8) 2-Chlorophenol	7.73	128	134447	42.027	ng	94
9) Benzaldehyde	7.31	77	47407	18.570	ng	97
10) Phenol	7.34	94	185792	41.373	ng	99
11) bis(2-Chloroethyl)ether	7.59	93	120307	33.904	ng	98
12) 1,3-Dichlorobenzene	8.06	146	122236	31.542	ng	97
13) 1,4-Dichlorobenzene	8.21	146	126280	32.692	ng	98
14) 1,2-Dichlorobenzene	8.53	146	120996	32.357	ng	96
15) Benzyl Alcohol	8.41	79	128457	37.982	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.69	45	237283	29.611	ng	98
17) 2-Methylphenol	8.60	107	123679	42.560	ng	95
18) Hexachloroethane	9.26	117	43805	32.963	ng	98
19) n-Nitroso-di-n-propylamine	8.97	70	103472	33.841	ng	93
20) 3+4-Methylphenols	8.93	107	170464	42.597	ng	98
22) Acetophenone	9.00	105	199516	29.900	ng	# 95
24) Nitrobenzene	9.40	77	157233	36.601	ng	96
25) Isophorone	9.91	82	302258	34.302	ng	98
26) 2-Nitrophenol	10.10	139	78864	47.215	ng	98
27) 2,4-Dimethylphenol	10.14	122	146716	41.159	ng	91
28) bis(2-Chloroethoxy)methane	10.39	93	183696	33.845	ng	97
29) 2,4-Dichlorophenol	10.63	162	154296	39.606	ng	95
30) 1,2,4-Trichlorobenzene	10.85	180	141724	32.403	ng	99
31) Naphthalene	11.05	128	421953	34.239	ng	98
32) Benzoic acid	10.26	122	96245	42.505	ng	95
33) 4-Chloroaniline	11.16	127	79632	13.936	ng	94
34) Hexachlorobutadiene	11.31	225	86632	29.783	ng	93
35) Caprolactam	11.94	113	54049m	33.527	ng	
36) 4-Chloro-3-methylphenol	12.25	107	166916	37.047	ng	98
37) 2-Methylnaphthalene	12.64	142	329271	36.074	ng	98
38) 1-Methylnaphthalene	12.86	142	310833	35.328	ng	100
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	179496	32.039	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021219\
 Data File : BG039472.D
 Acq On : 12 Feb 2019 20:33
 Operator : JU/SJ
 Sample : PB117058BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 PB117058BS

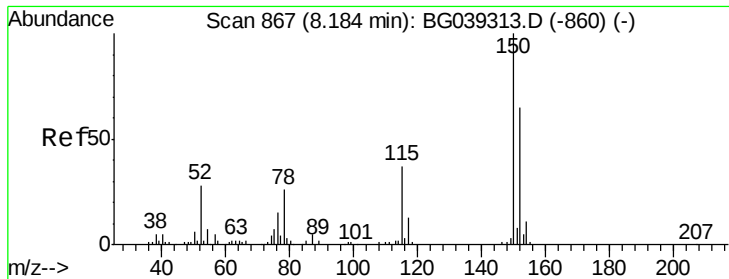
Manual Integrations
 APPROVED

Sohil
 2/13/2019 9:56:54 AM

Quant Time: Feb 13 01:01:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	207204	67.872	nq	98
43) 2,4,6-Trichlorophenol	13.23	196	127703	37.073	nq	99
44) 2,4,5-Trichlorophenol	13.30	196	141766	39.267	nq	98
46) 1,1'-Biphenyl	13.63	154	446635	30.486	nq	100
47) 2-Chloronaphthalene	13.68	162	342030	31.034	nq	96
48) 2-Nitroaniline	13.88	65	120320	39.732	nq	97
49) Acenaphthylene	14.52	152	560286	33.691	nq	99
50) Dimethylphthalate	14.24	163	457422	32.165	nq	99
51) 2,6-Dinitrotoluene	14.37	165	100950	39.351	nq	98
52) Acenaphthene	14.86	154	339165	31.419	nq	98
53) 3-Nitroaniline	14.71	138	67576	26.512	nq	# 91
54) 2,4-Dinitrophenol	14.91	184	93466	79.666	nq	95
55) Dibenzofuran	15.19	168	557756	32.225	nq	99
56) 4-Nitrophenol	14.99	139	180426	70.881	nq	90
57) 2,4-Dinitrotoluene	15.16	165	146106	43.744	nq	# 85
58) Fluorene	15.84	166	441800	34.242	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.41	232	139125	41.157	nq	96
60) Diethylphthalate	15.59	149	461746	31.404	nq	97
61) 4-Chlorophenyl-phenylether	15.83	204	231243	31.652	nq	96
62) 4-Nitroaniline	15.87	138	106988	36.938	nq	98
63) Azobenzene	16.12	77	419592	29.197	nq	97
65) 4,6-Dinitro-2-methylphenol	15.91	198	76785	47.282	nq	99
66) n-Nitrosodiphenylamine	16.05	169	407586	32.318	nq	97
67) 4-Bromophenyl-phenylether	16.72	248	151223	32.864	nq	97
68) Hexachlorobenzene	16.83	284	154920	33.557	nq	97
69) Atrazine	16.98	200	161162	34.968	nq	96
70) Pentachlorophenol	17.18	266	324871	101.250	nq	98
71) Phenanthrene	17.58	178	725138	33.779	nq	99
72) Anthracene	17.68	178	733135	34.671	nq	100
73) Carbazole	17.94	167	645779	30.602	nq	99
74) Di-n-butylphthalate	18.48	149	779392	31.658	nq	99
75) Fluoranthene	19.58	202	860324	34.528	nq	99
77) Benzidine	19.76	184	186150	13.735	nq	99
78) Pyrene	19.95	202	862924	33.533	nq	98
80) Butylbenzylphthalate	20.82	149	367671	33.870	nq	96
81) Benzo(a)anthracene	21.81	228	844556	34.576	nq	99
82) 3,3'-Dichlorobenzidine	21.72	252	183032	20.209	nq	99
83) Chrysene	21.88	228	785471	33.781	nq	99
84) Bis(2-ethylhexyl)phthalate	21.69	149	507607	32.777	nq	100
85) Di-n-octyl phthalate	22.95	149	868991	33.964	nq	96
86) Indeno(1,2,3-cd)pyrene	29.10	276	936264	37.530	nq	# 96
88) Benzo(b)fluoranthene	24.13	252	837076	38.489	nq	99
89) Benzo(k)fluoranthene	24.21	252	770750	35.299	nq	100
90) Benzo(a)pyrene	25.06	252	801051	38.245	nq	97
91) Dibenzo(a,h)anthracene	29.18	278	761882	38.841	nq	98
92) Benzo(g,h,i)perylene	30.34	276	771849	39.479	nq	99

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



#1

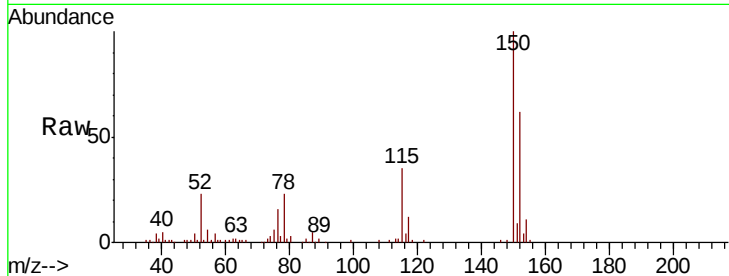
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039472.D
Acq: 12 Feb 2019 20:33

Instrument :
BNA_G
ClientSampleId :
PB117058BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.0	123.7	185.5
115	56.7	45.9	68.9

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:54 AM

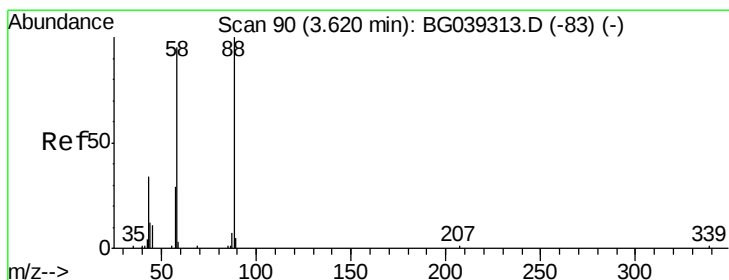
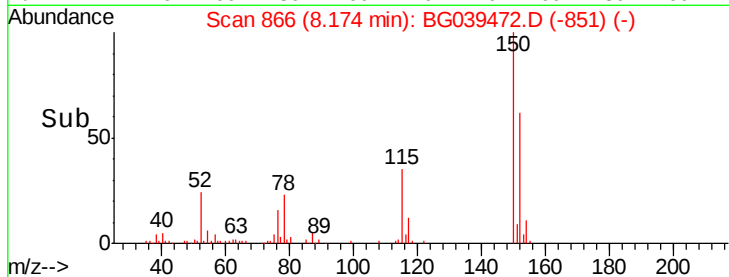
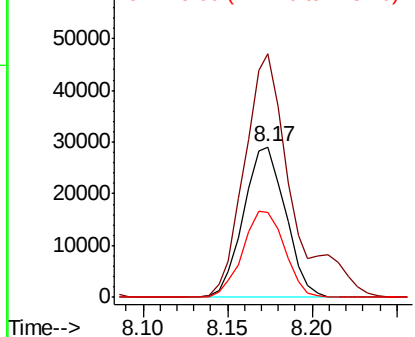


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

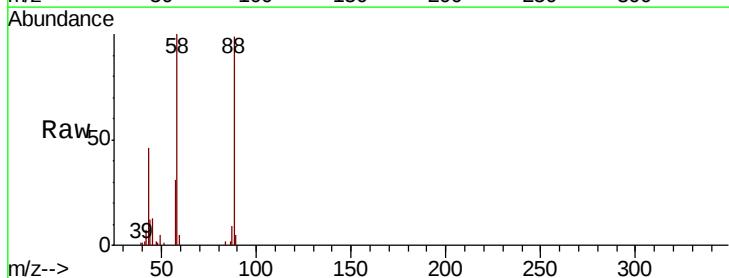
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 23.393 ng
RT: 3.60 min Scan# 88
Delta R.T. -0.02 min
Lab File: BG039472.D
Acq: 12 Feb 2019 20:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.3	81.1	121.7
43	36.2	31.4	47.0

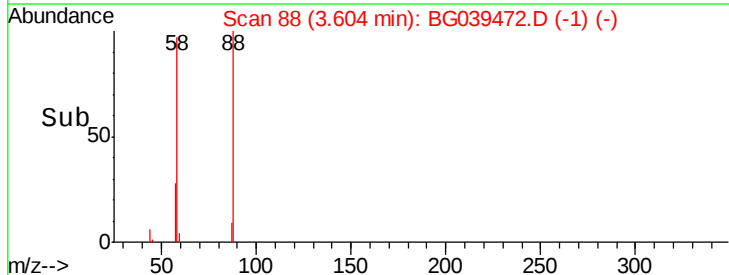
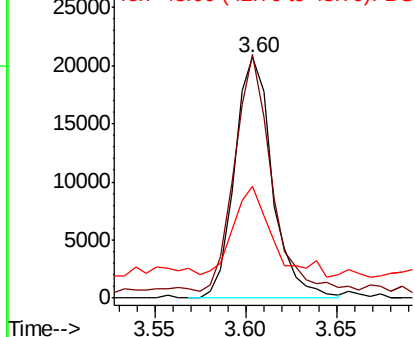


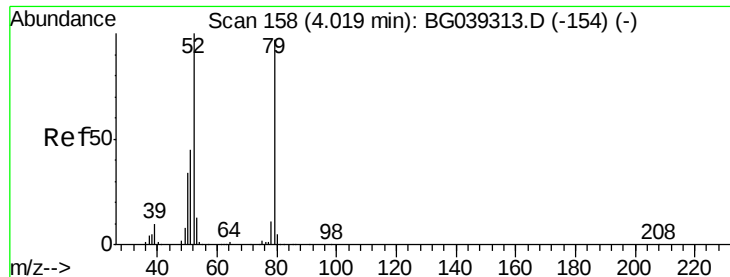
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 25.324 ng

RT: 4.00 min Scan# 156

Delta R.T. -0.02 min

Lab File: BG039472.D

Acq: 12 Feb 2019 20:33

Instrument :

BNA_G

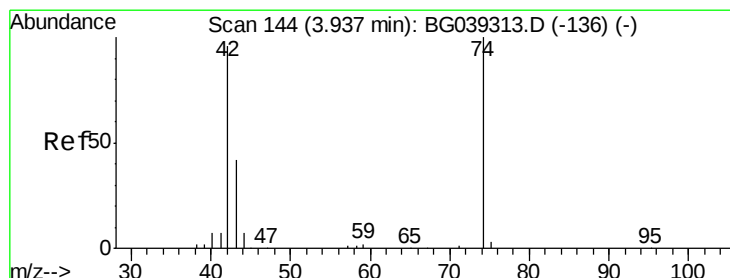
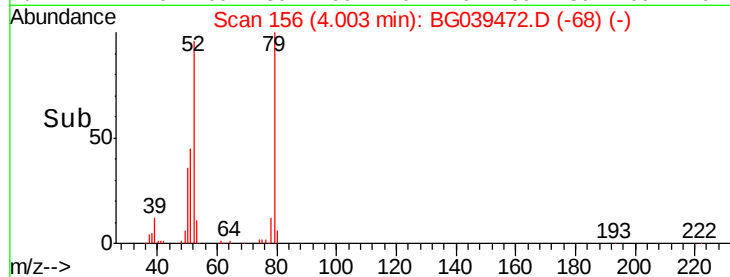
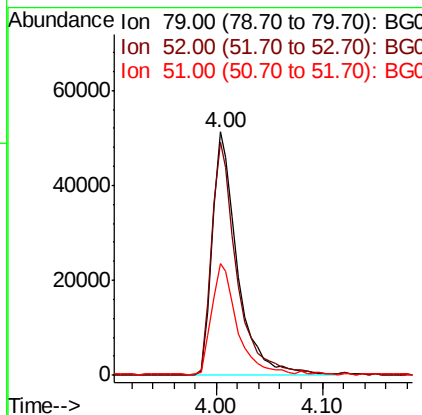
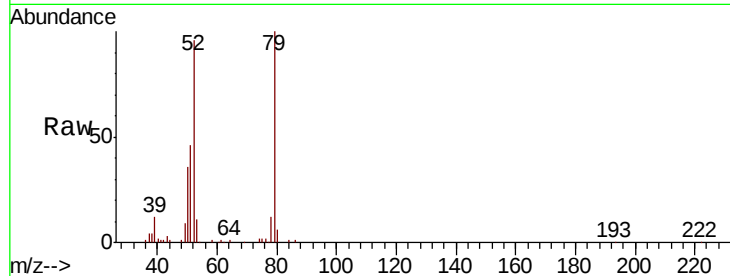
ClientSampleId :

PB117058BS

Tot Ion:	79	Resp:	85834
Ion	Ratio	Lower	Upper
79	100		
52	95.8	82.6	124.0
51	46.1	37.5	56.3

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:54 AM



#4

n-Nitrosodimethylamine

Concen: 31.855 ng

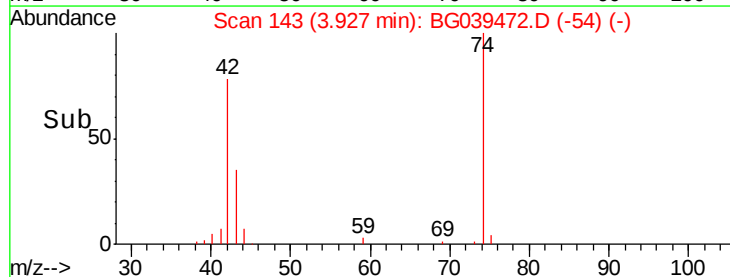
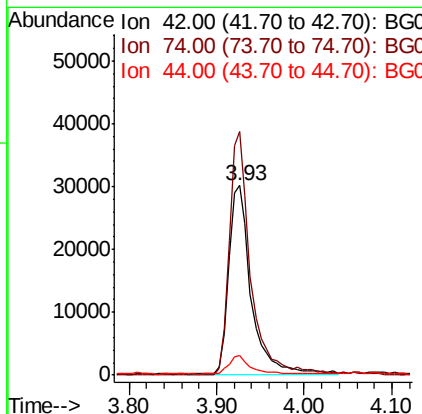
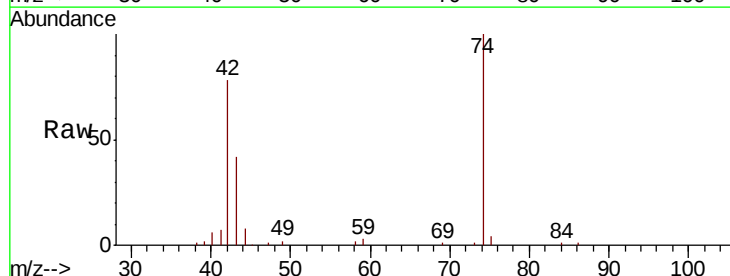
RT: 3.93 min Scan# 143

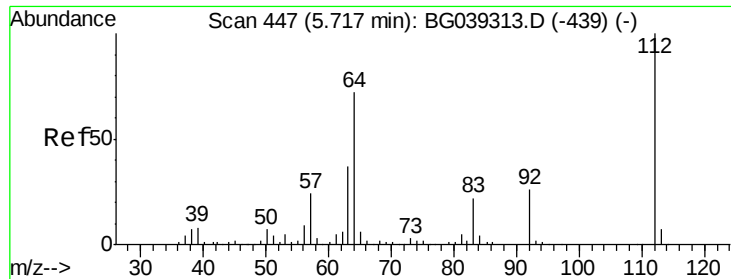
Delta R.T. -0.01 min

Lab File: BG039472.D

Acq: 12 Feb 2019 20:33

Tgt Ion:	42	Resp:	53997
Ion	Ratio	Lower	Upper
42	100		
74	128.4	83.6	125.4#
44	10.3	6.9	10.3





#5

2-Fluorophenol

Concen: 128.833 ng

RT: 5.71 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039472.D

Acq: 12 Feb 2019 20:33

Instrument :

BNA_G

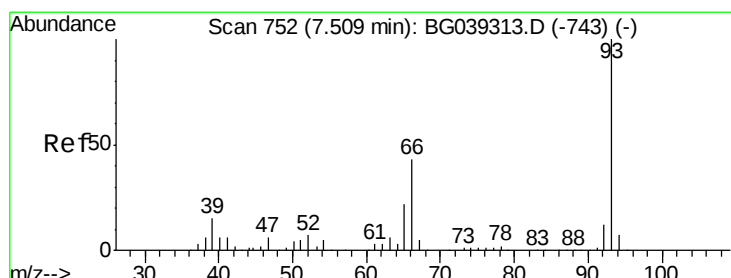
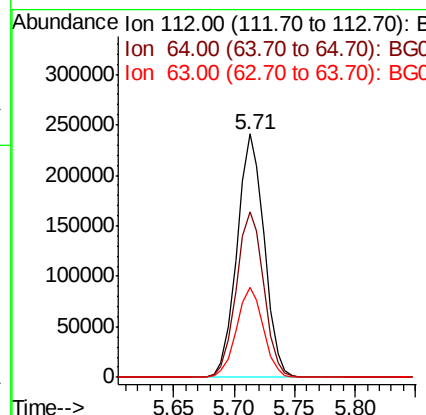
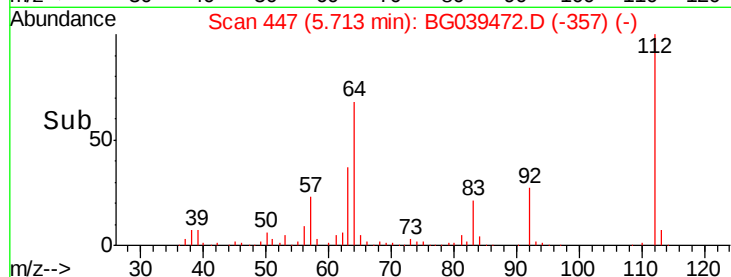
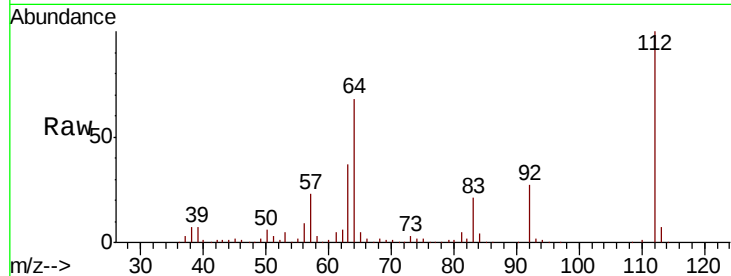
ClientSampleId :

PB117058BS

Tot Ion:	112	Resp:	377043
Ion Ratio	Lower	Upper	
112	100		
64	68.1	57.8	86.8
63	37.0	29.8	44.6

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:54 AM



#6

Aniline

Concen: 22.228 ng

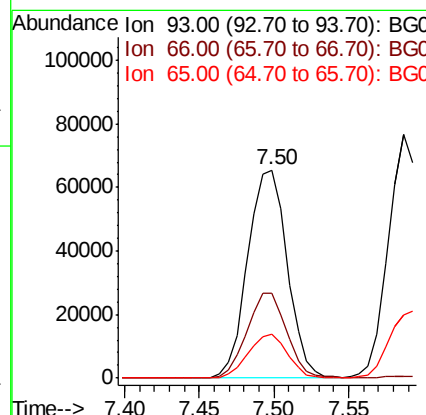
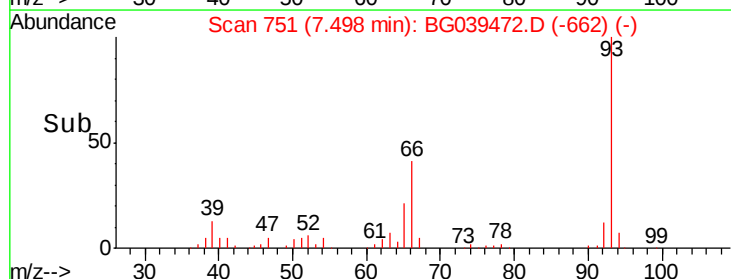
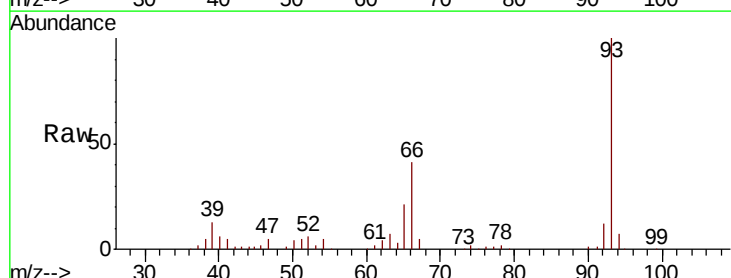
RT: 7.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BG039472.D

Acq: 12 Feb 2019 20:33

Tgt Ion:	93	Resp:	119944
Ion Ratio	Lower	Upper	
93	100		
66	40.6	34.2	51.4
65	20.9	17.7	26.5





#7

Phenol-d6

Concen: 130.461 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039472.D

Acq: 12 Feb 2019 20:33

Instrument :

BNA_G

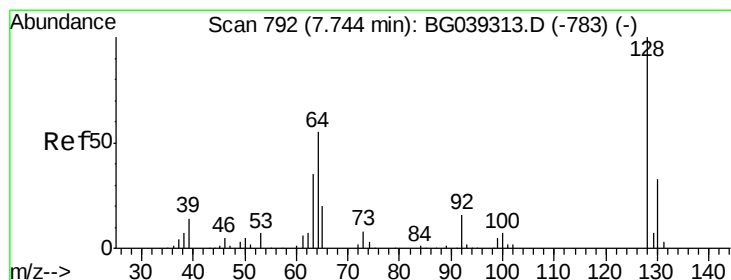
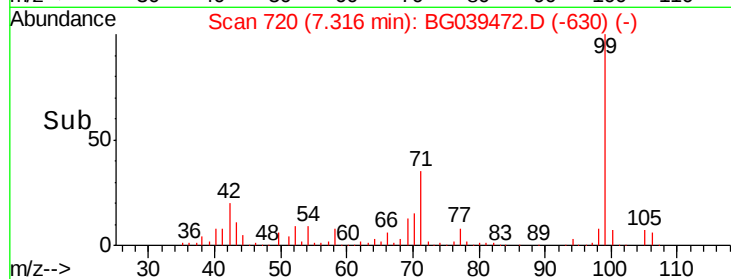
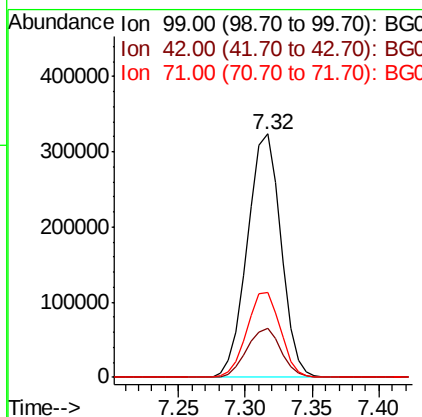
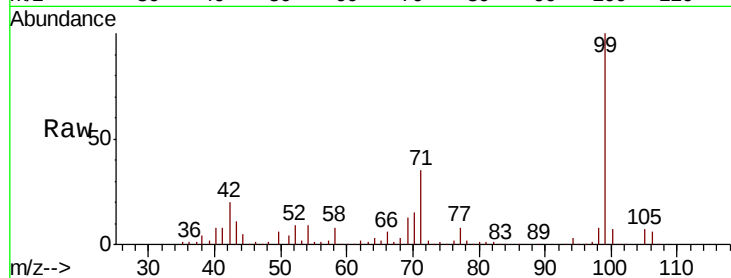
ClientSampleId :

PB117058BS

Tot Ion:	99	Resp:	562008
Ion Ratio	Lower	Upper	
99	100		
42	20.0	18.2	27.2
71	35.0	28.0	42.0

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:54 AM



#8

2-Chlorophenol

Concen: 42.027 ng

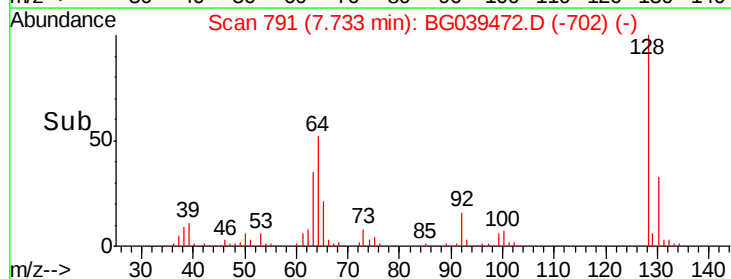
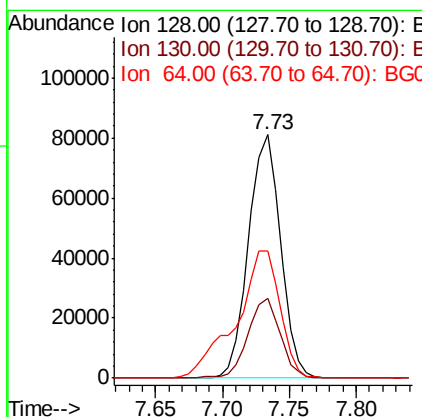
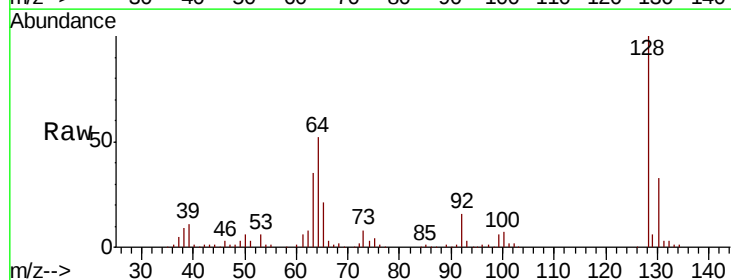
RT: 7.73 min Scan# 791

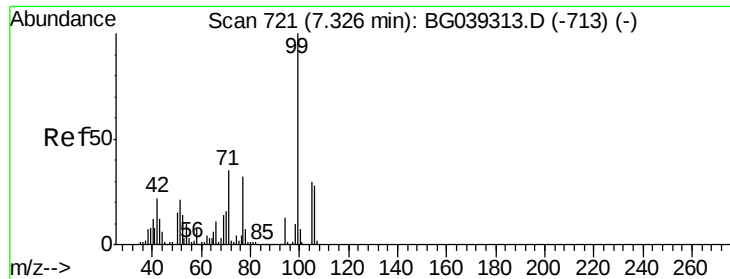
Delta R.T. -0.01 min

Lab File: BG039472.D

Acq: 12 Feb 2019 20:33

Tgt Ion:	128	Resp:	134447
Ion Ratio	Lower	Upper	
128	100		
130	32.9	12.9	52.9
64	52.2	38.7	78.7





#9

Benzaldehyde

Concen: 18.570 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.02 min

Lab File: BG039472.D

Acq: 12 Feb 2019 20:33

Instrument :

BNA_G

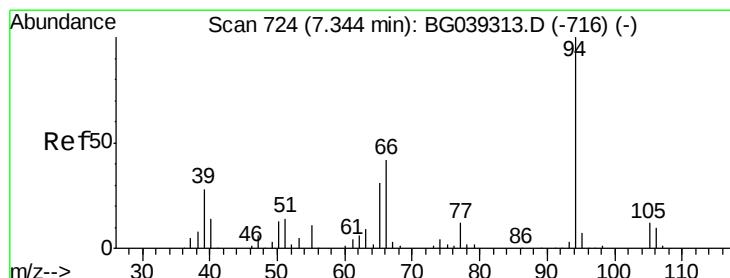
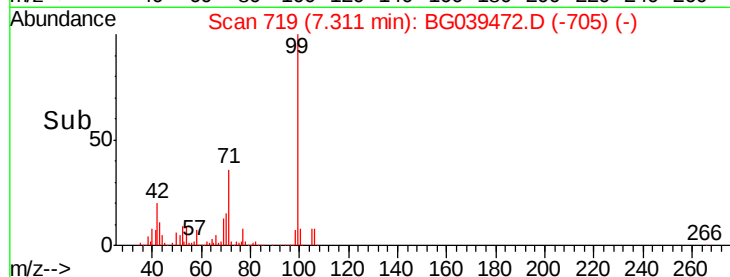
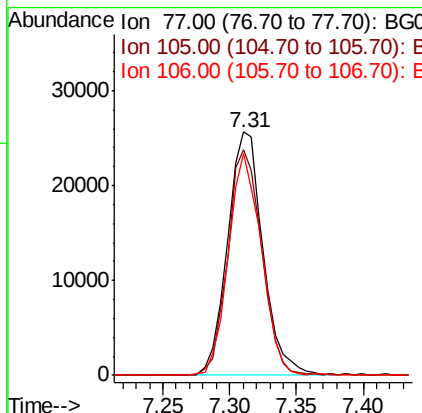
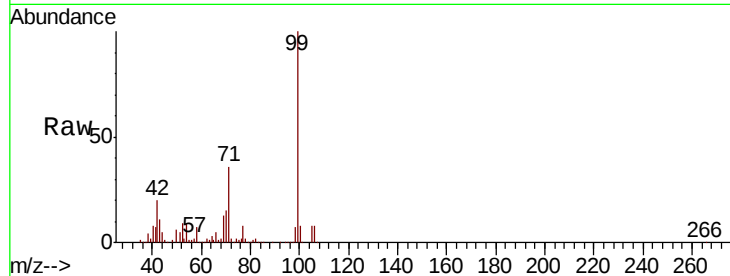
ClientSampleId :

PB117058BS

Tot Ion:	77	Resp:	47407
Ion	Ratio	Lower	Upper
77	100		
105	92.5	74.5	114.5
106	90.9	68.0	108.0

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:54 AM



#10

Phenol

Concen: 41.373 ng

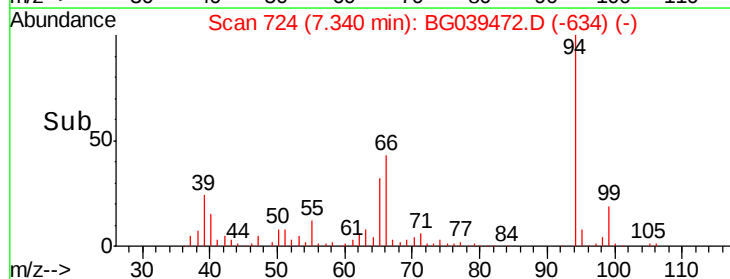
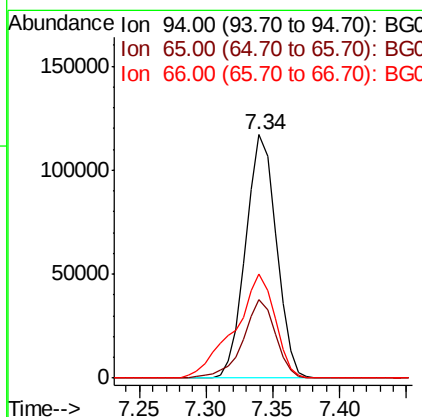
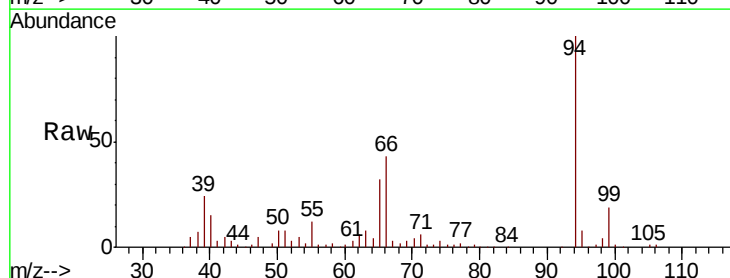
RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG039472.D

Acq: 12 Feb 2019 20:33

Tgt Ion:	94	Resp:	185792
Ion	Ratio	Lower	Upper
94	100		
65	32.2	11.7	51.7
66	43.0	23.7	63.7





#11

bis(2-Chloroethyl)ether

Concen: 33.904 ng

RT: 7.59 min Scan# 766

Delta R.T. -0.02 min

Lab File: BG039472.D

Acq: 12 Feb 2019 20:33

Instrument :

BNA_G

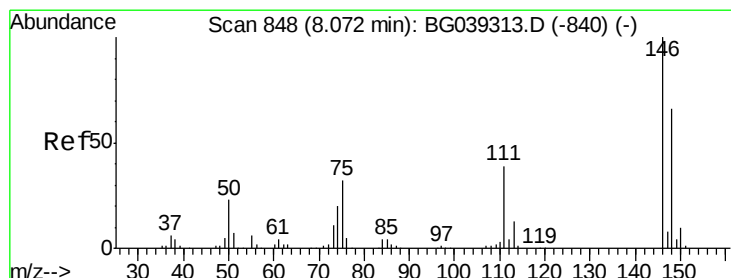
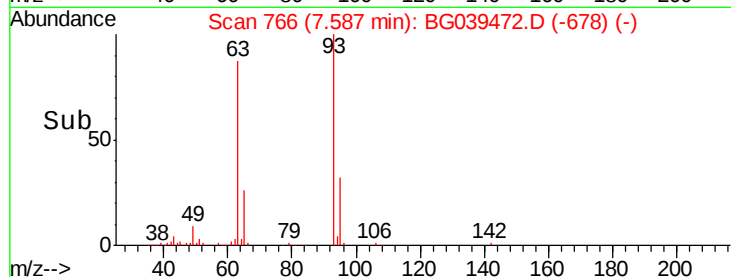
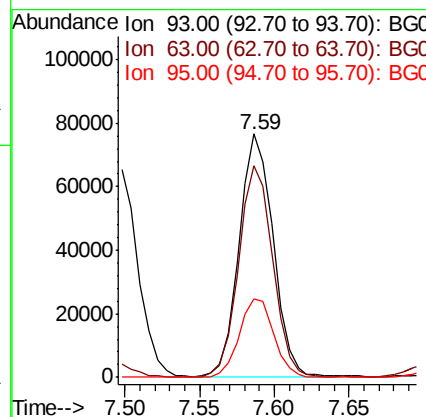
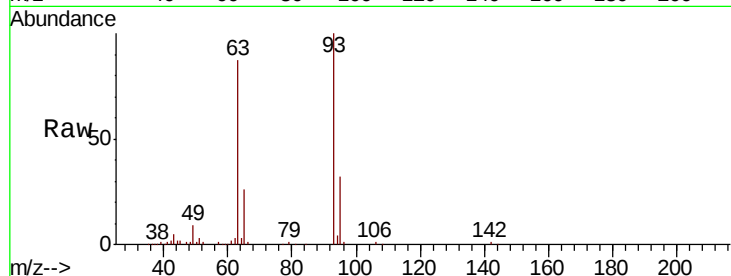
ClientSampleId :

PB117058BS

Tot Ion:	93	Resp:	120307
Ion Ratio	Lower	Upper	
93	100		
63	86.8	69.5	109.5
95	32.1	12.7	52.7

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:54 AM



#12

1,3-Dichlorobenzene

Concen: 31.542 ng

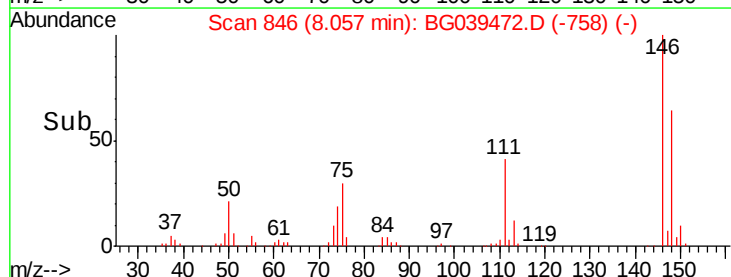
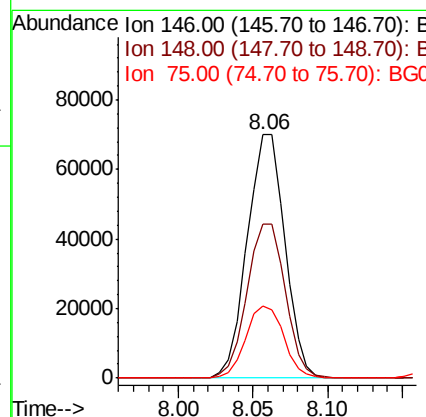
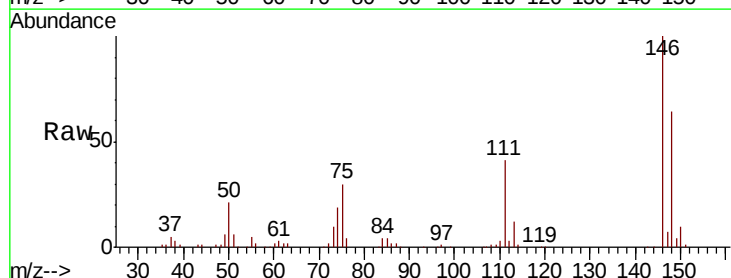
RT: 8.06 min Scan# 846

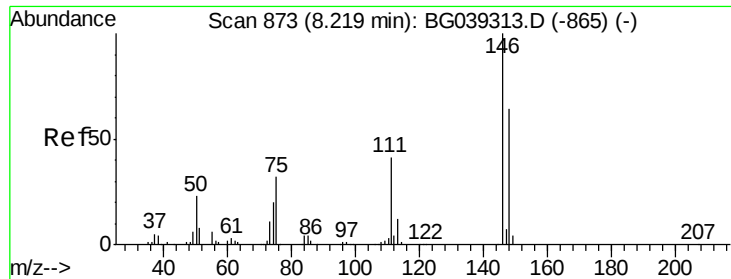
Delta R.T. -0.02 min

Lab File: BG039472.D

Acq: 12 Feb 2019 20:33

Tgt Ion:	146	Resp:	122236
Ion Ratio	Lower	Upper	
146	100		
148	63.5	52.6	79.0
75	29.7	25.8	38.6





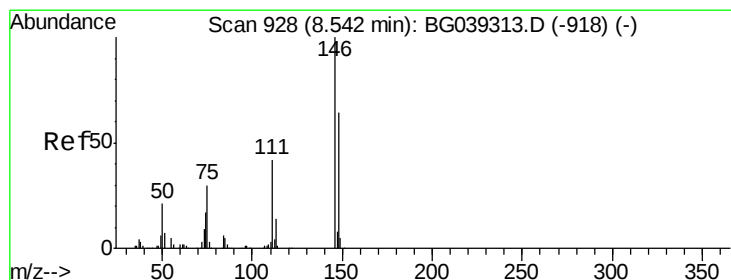
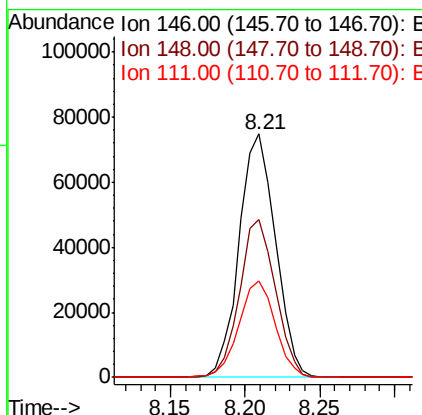
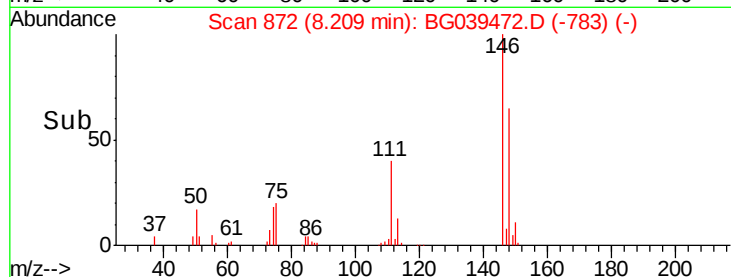
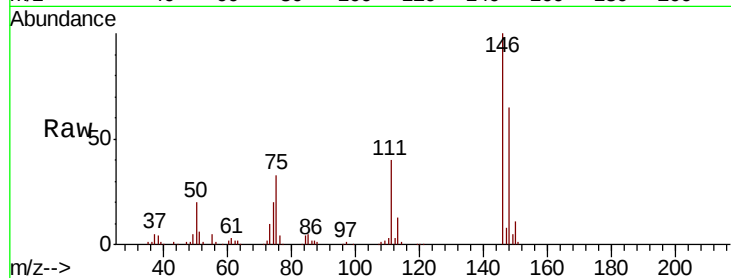
#13
 1,4-Dichlorobenzene
 Concen: 32.692 ng
 RT: 8.21 min Scan# 872
 Delta R.T. -0.01 min
 Lab File: BG039472.D
 Acq: 12 Feb 2019 20:33

Instrument :
 BNA_G
 ClientSampleID :
 PB117058BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.1	76.7
111	39.6	32.6	48.8

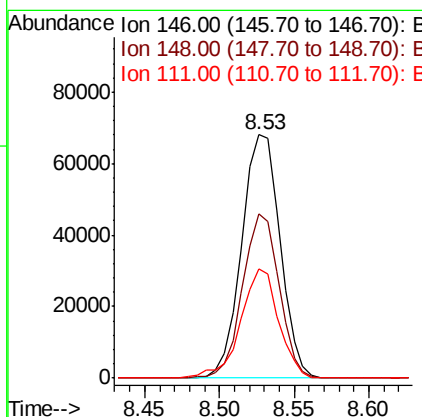
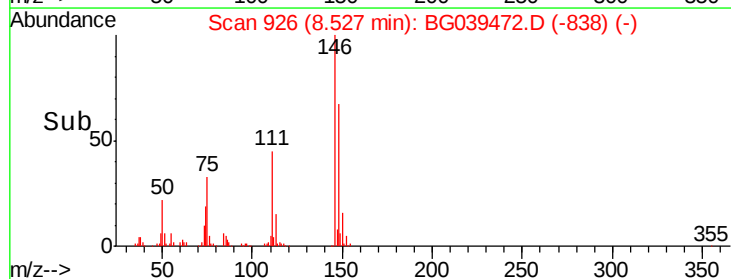
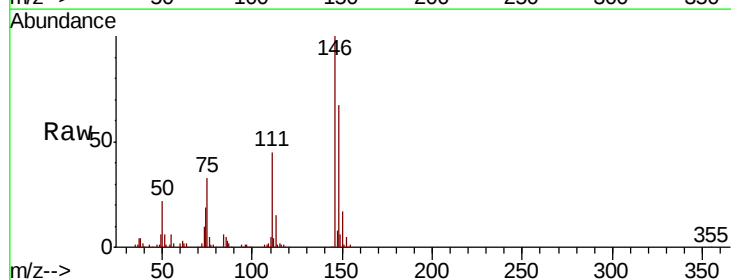
Manual Integrations
 APPROVED

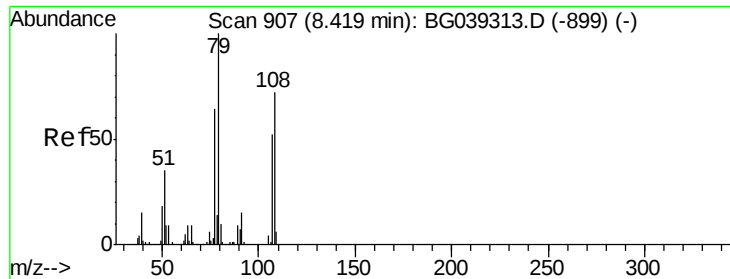
Sohil
 2/13/2019 9:56:54 AM



#14
 1,2-Dichlorobenzene
 Concen: 32.357 ng
 RT: 8.53 min Scan# 926
 Delta R.T. -0.02 min
 Lab File: BG039472.D
 Acq: 12 Feb 2019 20:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.4	51.5	77.3
111	44.8	33.8	50.6





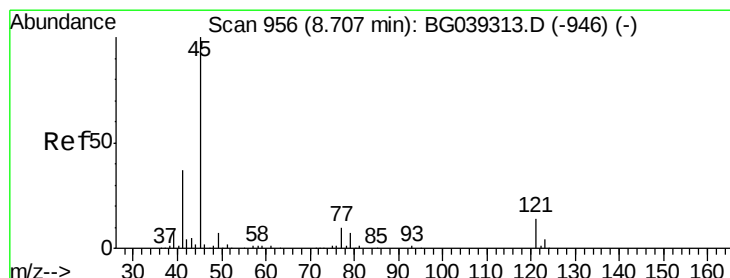
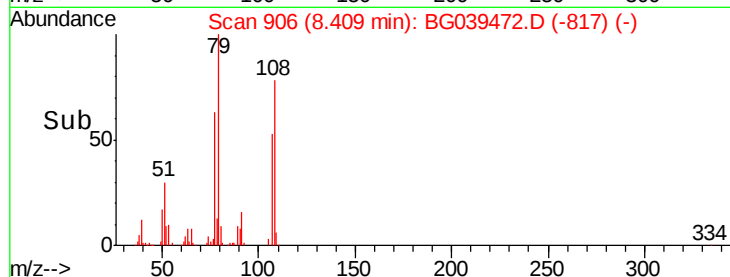
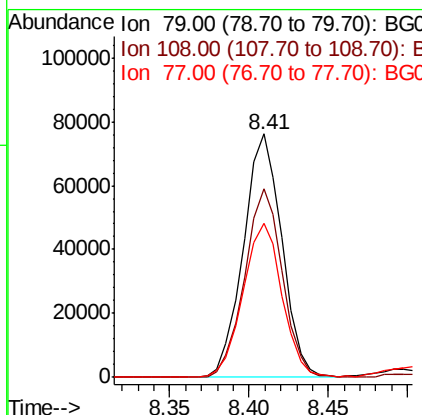
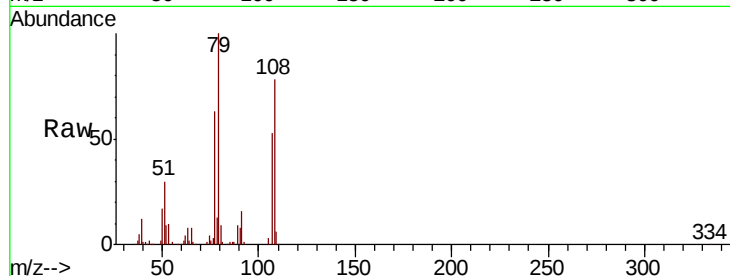
#15
Benzyl Alcohol
Concen: 37.982 ng
RT: 8.41 min Scan# 906
Delta R.T. -0.01 min
Lab File: BG039472.D
Acq: 12 Feb 2019 20:33

Instrument :
BNA_G
ClientSampled :
PB117058BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.6	57.8	86.6
77	63.3	51.1	76.7

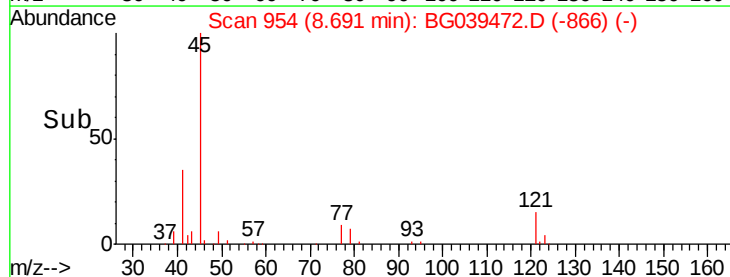
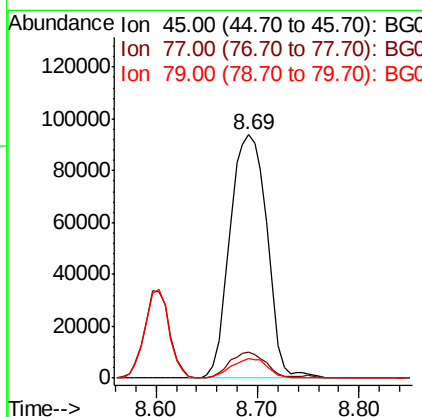
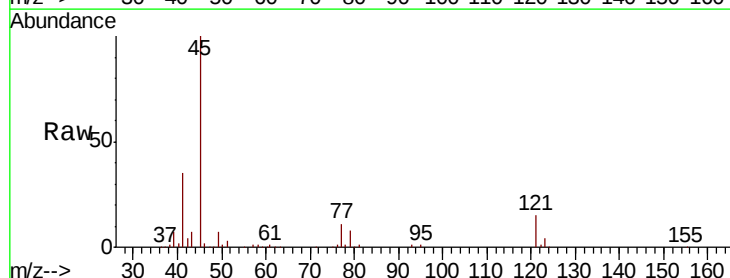
Manual Integrations
APPROVED

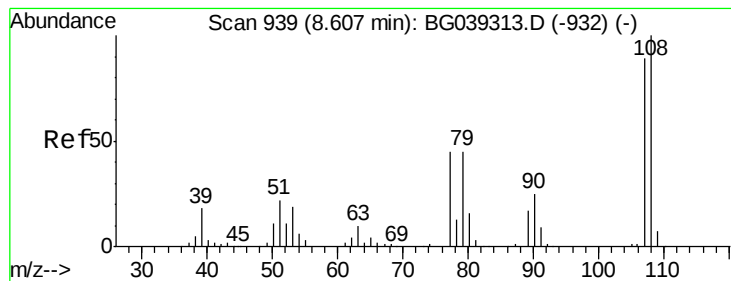
Sohil
2/13/2019 9:56:54 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 29.611 ng
RT: 8.69 min Scan# 954
Delta R.T. -0.02 min
Lab File: BG039472.D
Acq: 12 Feb 2019 20:33

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.5	0.0	30.0
79	8.1	0.0	27.5





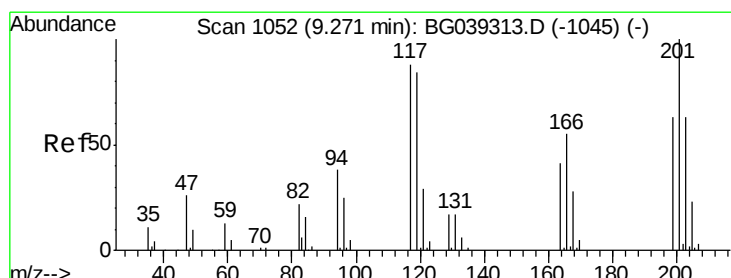
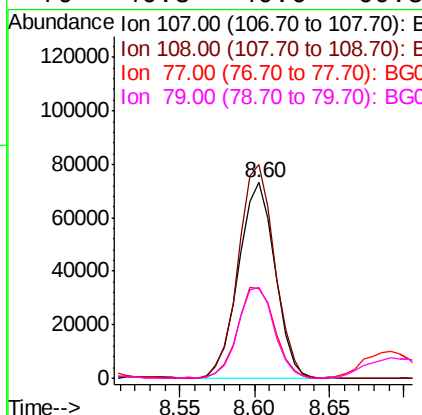
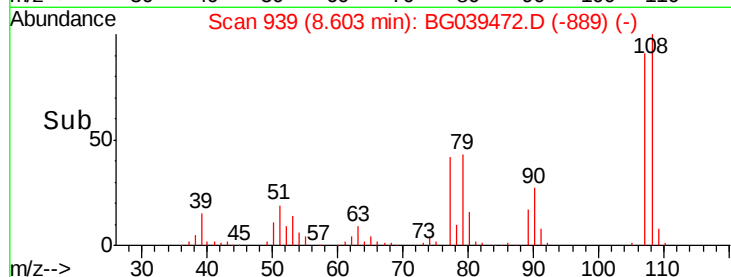
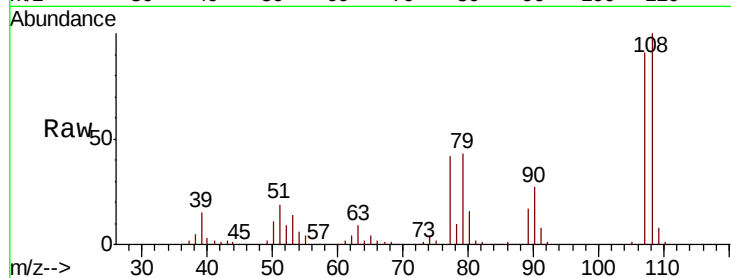
#17
2-Methylphenol
Concen: 42.560 ng
RT: 8.60 min Scan# 939
Delta R.T. -0.00 min
Lab File: BG039472.D
Acq: 12 Feb 2019 20:33

Instrument :
BNA_G
ClientSampleId :
PB117058BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.4	90.8	136.2	
77	45.9	40.7	61.1	
79	46.8	40.6	60.8	

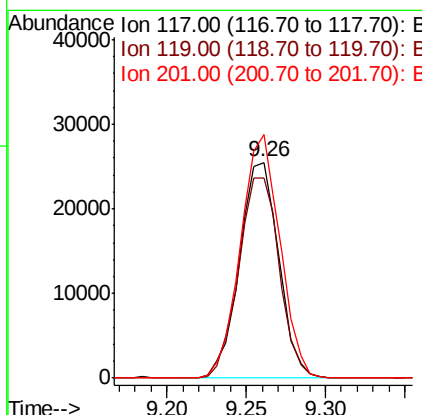
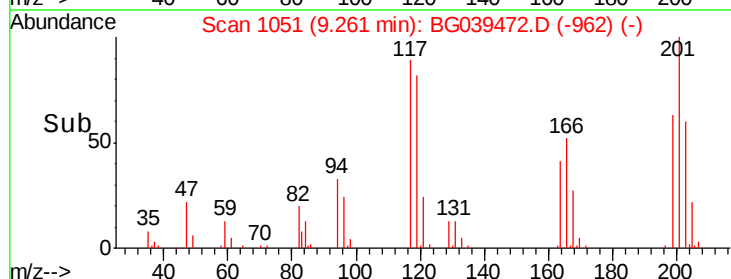
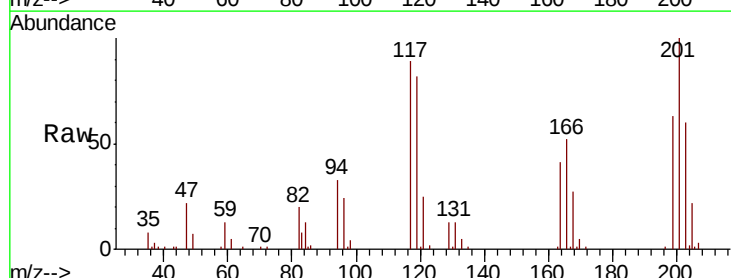
Manual Integrations
APPROVED

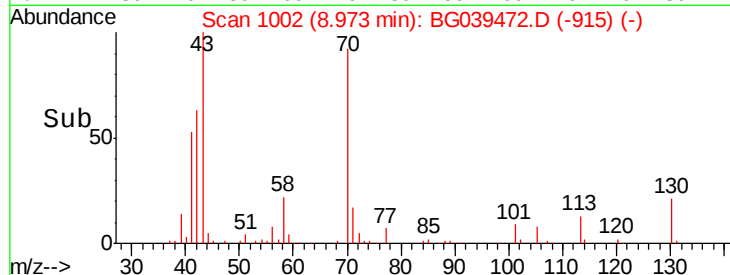
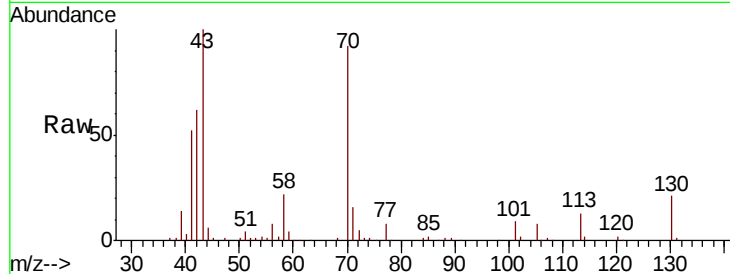
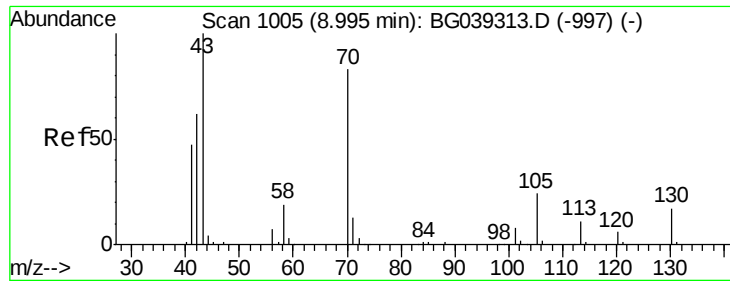
Sohil
2/13/2019 9:56:54 AM



#18
Hexachloroethane
Concen: 32.963 ng
RT: 9.26 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BG039472.D
Acq: 12 Feb 2019 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.7	76.3	114.5	
201	112.9	91.1	136.7	





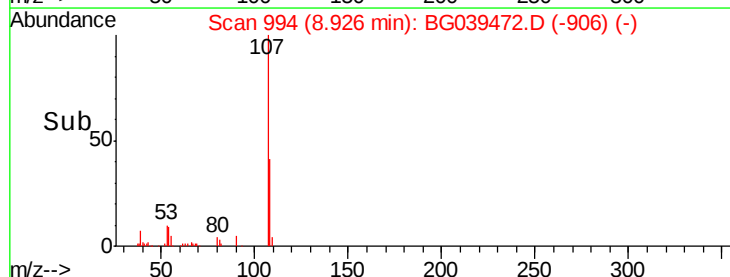
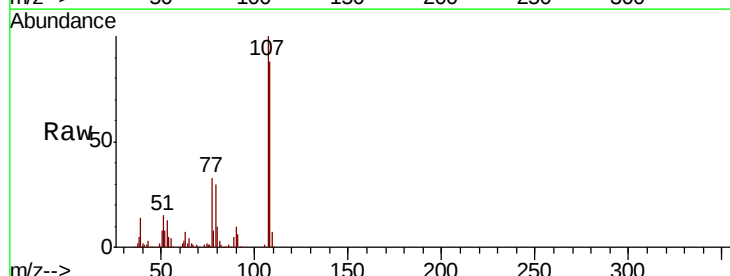
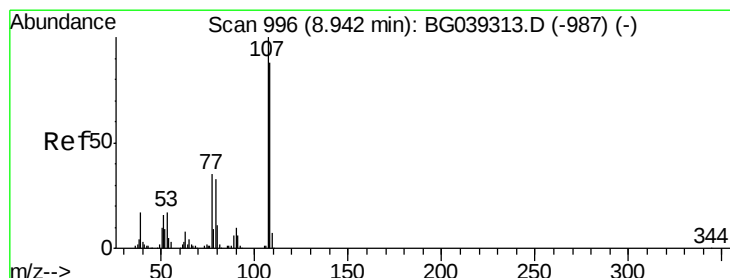
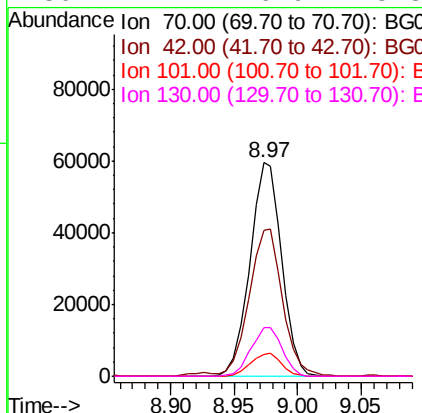
#19
n-Nitroso-di-n-propylamine
Concen: 33.841 ng
RT: 8.97 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG039472.D
Acq: 12 Feb 2019 20:33

Instrument :
BNA_G
ClientSampleId :
PB117058BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	68.1	60.4	90.6	
101	10.0	7.5	11.3	
130	22.7	16.9	25.3	

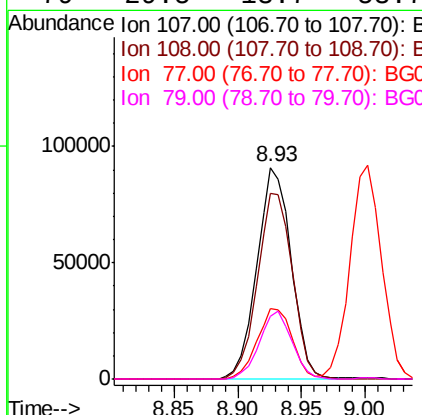
Manual Integrations
APPROVED

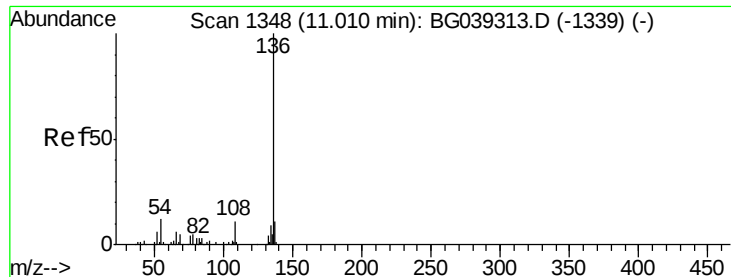
Sohil
2/13/2019 9:56:54 AM



#20
3+4-Methylphenols
Concen: 42.597 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.02 min
Lab File: BG039472.D
Acq: 12 Feb 2019 20:33

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.9	67.9	107.9	
77	33.1	15.4	55.4	
79	29.5	13.7	53.7	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.99 min Scan# 1346

Delta R.T. -0.02 min

Lab File: BG039472.D

Acq: 12 Feb 2019 20:33

Instrument :

BNA_G

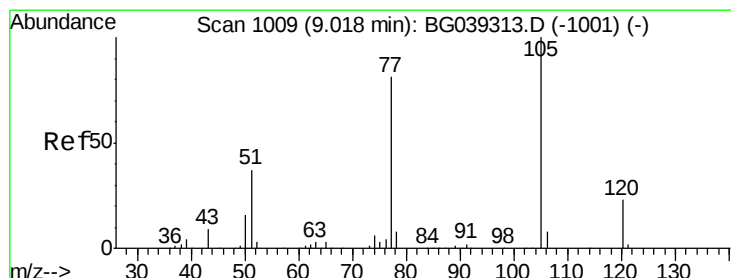
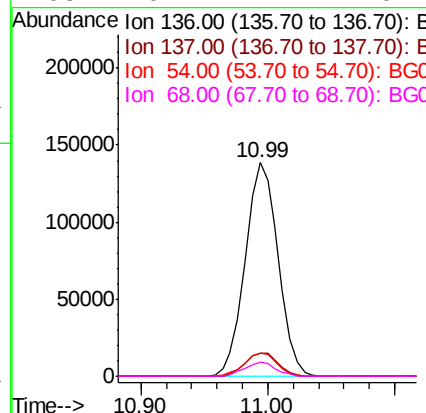
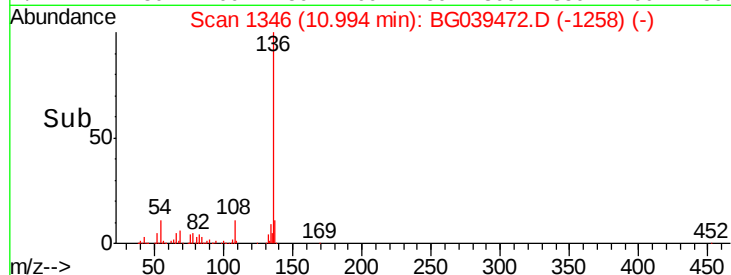
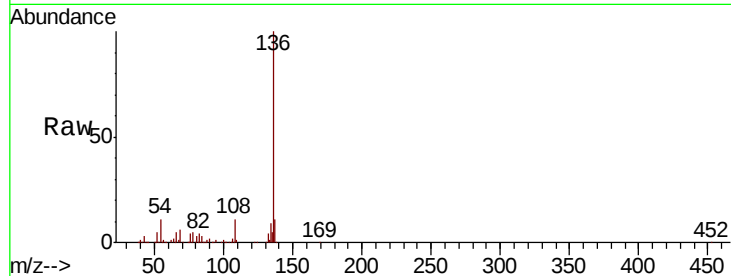
ClientSampleId :

PB117058BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		248414		
137	10.9	9.1	13.7		
54	10.9	9.4	14.2		
68	6.4	4.2	6.4#		

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:54 AM



#22

Acetophenone

Concen: 29.900 ng

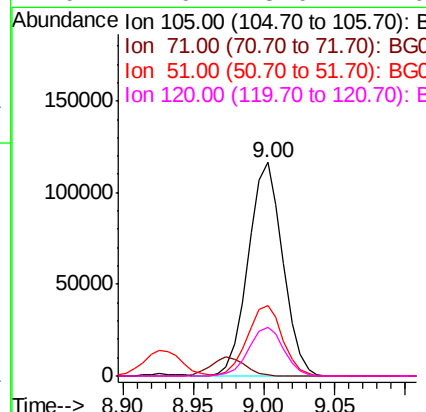
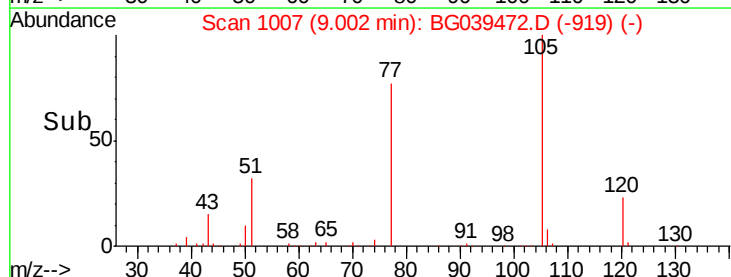
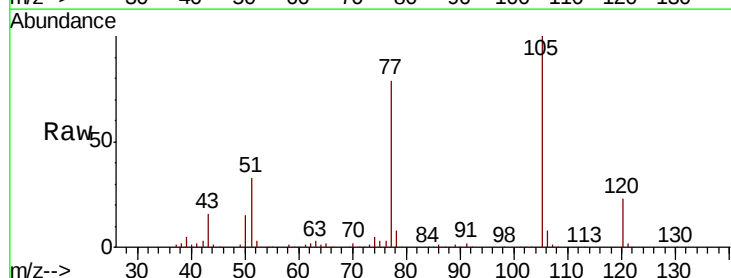
RT: 9.00 min Scan# 1007

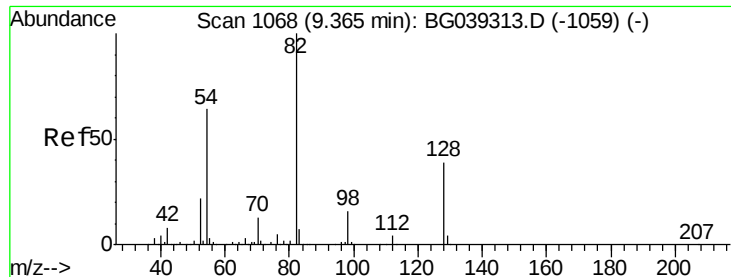
Delta R.T. -0.02 min

Lab File: BG039472.D

Acq: 12 Feb 2019 20:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		199516		
71	0.4	0.8	1.2#		
51	32.9	30.2	45.2		
120	22.9	18.0	27.0		





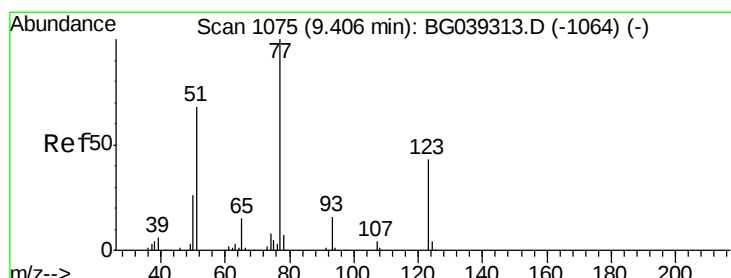
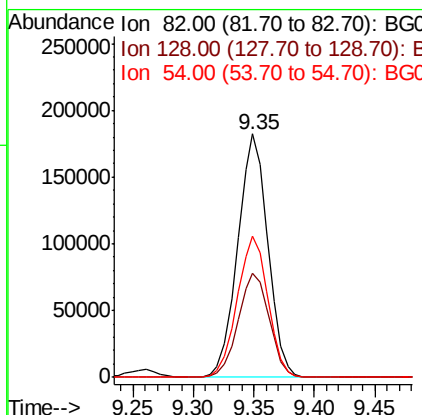
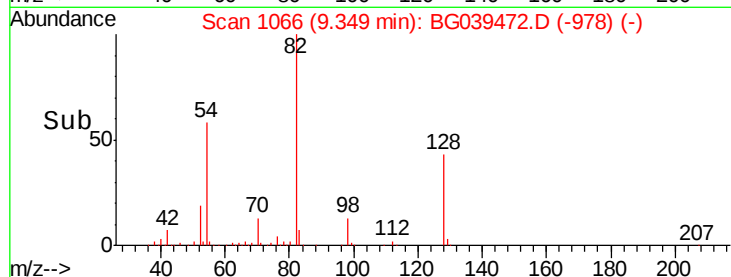
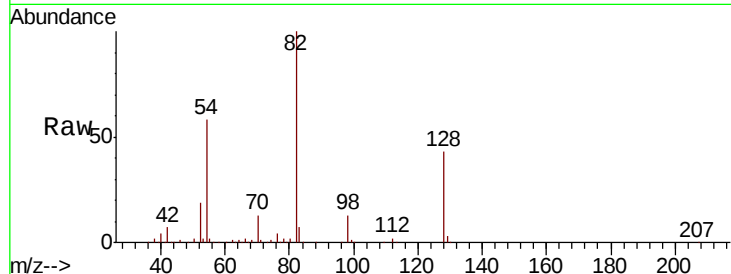
#23
Nitrobenzene-d5
Concen: 79.844 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.02 min
Lab File: BG039472.D
Acq: 12 Feb 2019 20:33

Instrument :
BNA_G
ClientSampleId :
PB117058BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	317496		
128	42.7	31.3	46.9	
54	58.2	50.9	76.3	

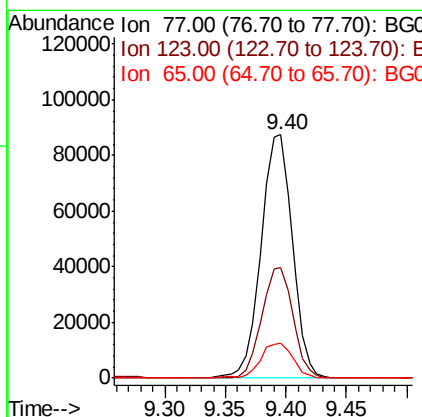
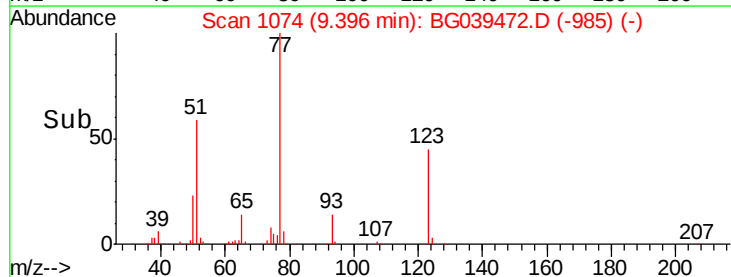
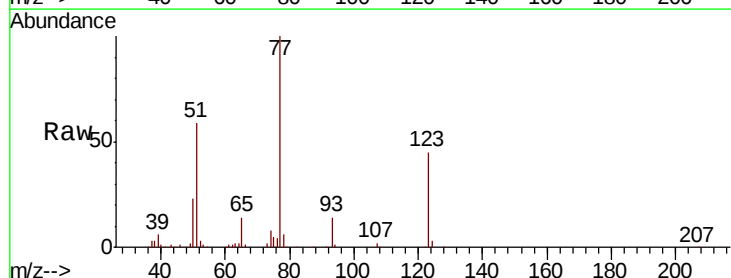
Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:54 AM



#24
Nitrobenzene
Concen: 36.601 ng
RT: 9.40 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BG039472.D
Acq: 12 Feb 2019 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	157233		
123	45.3	34.1	51.1	
65	14.5	12.3	18.5	





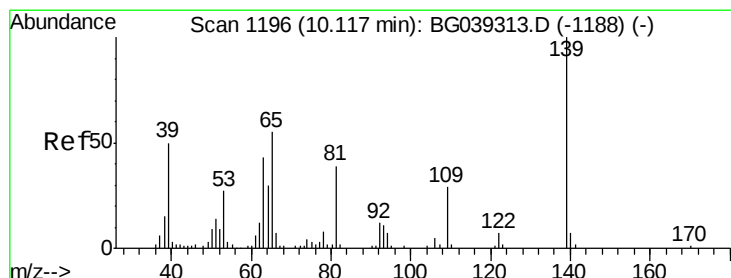
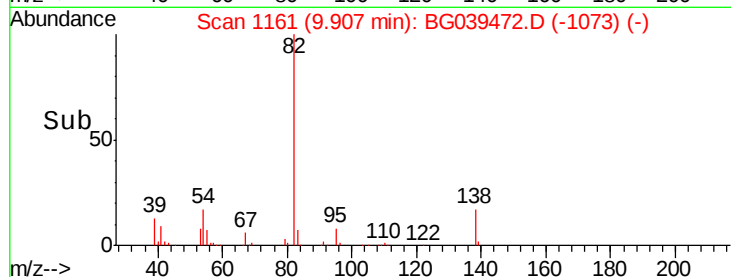
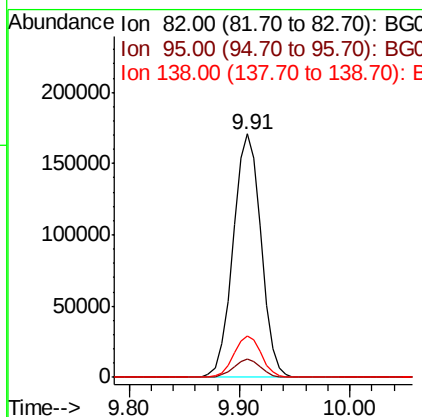
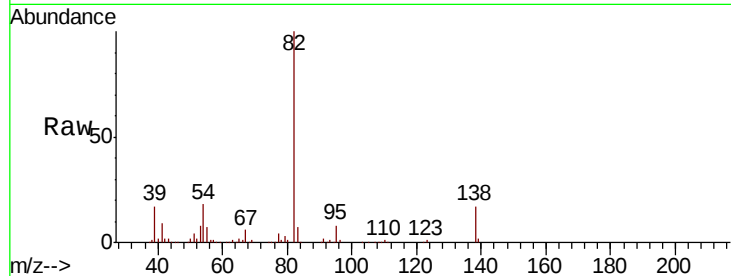
#25
Isophorone
Concen: 34.302 ng
RT: 9.91 min Scan# 1161
Delta R.T. -0.02 min
Lab File: BG039472.D
Acq: 12 Feb 2019 20:33

Instrument :
BNA_G
ClientSampleId :
PB117058BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	302258		
95	7.7		6.2	9.2
138	17.2		13.0	19.4

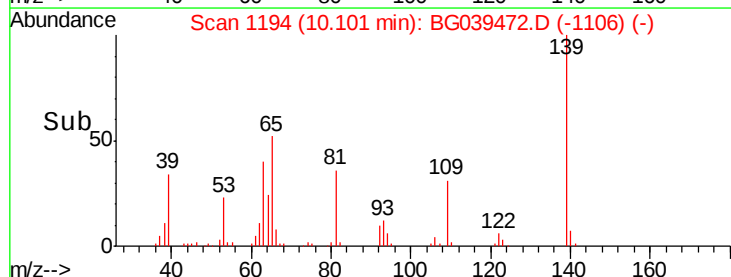
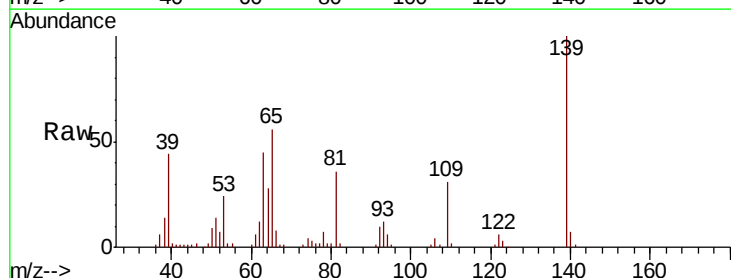
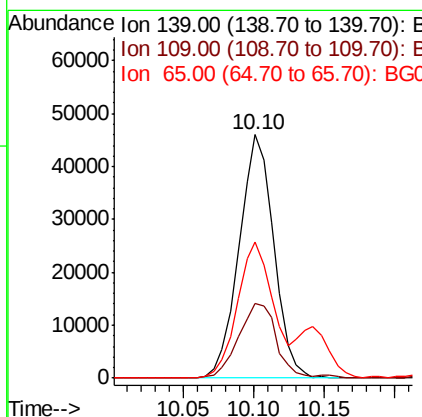
Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:54 AM



#26
2-Nitrophenol
Concen: 47.215 ng
RT: 10.10 min Scan# 1194
Delta R.T. -0.02 min
Lab File: BG039472.D
Acq: 12 Feb 2019 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	78864		
109	30.5		23.4	35.0
65	56.1		44.3	66.5





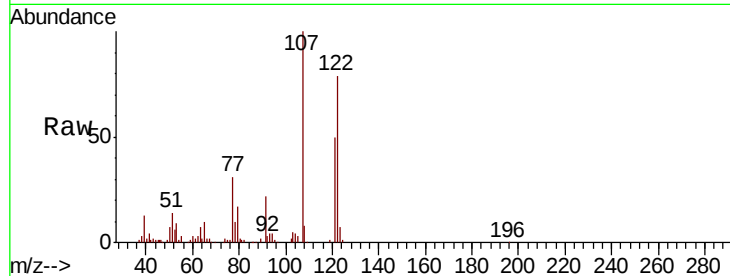
#27
2,4-Dimethylphenol
Concen: 41.159 ng
RT: 10.14 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BG039472.D
Acq: 12 Feb 2019 20:33

Instrument :
BNA_G
ClientSampled :
PB117058BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	146716		
107	125.9	91.7	137.5	
121	63.0	46.4	69.6	

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:54 AM

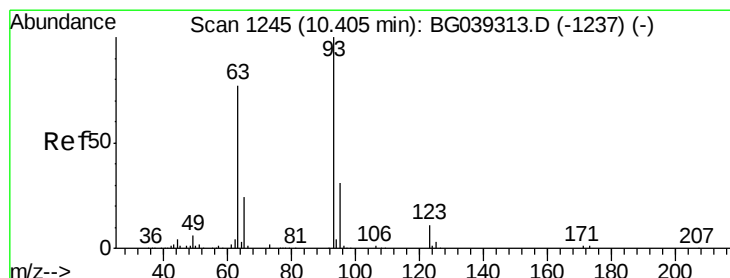
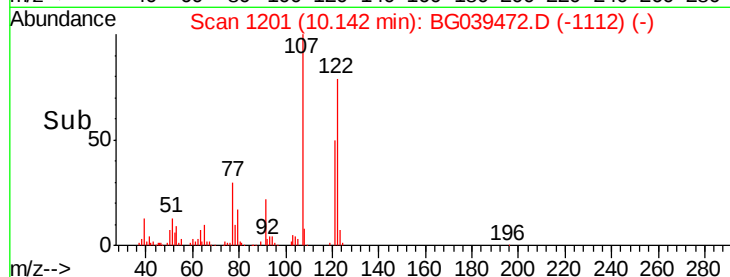
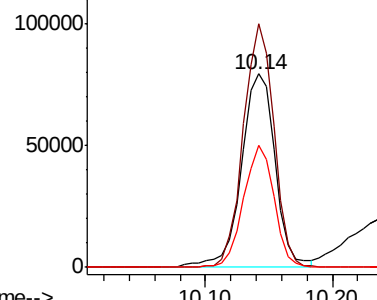


Abundance

Ion 122.00 (121.70 to 122.70): E

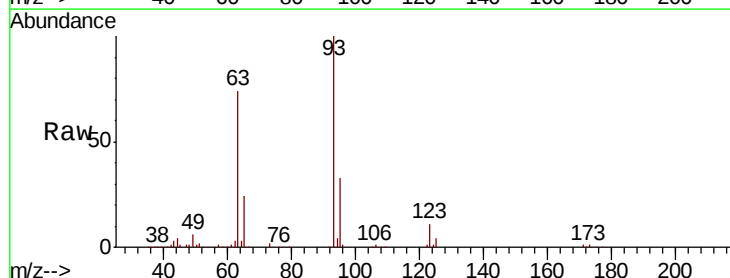
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 33.845 ng
RT: 10.39 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BG039472.D
Acq: 12 Feb 2019 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	183696		
95	33.1	25.0	37.4	
123	10.5	8.6	12.8	

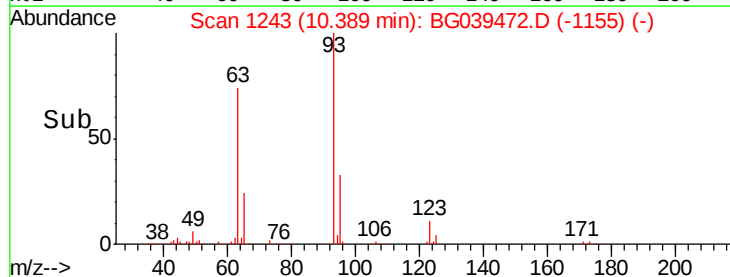
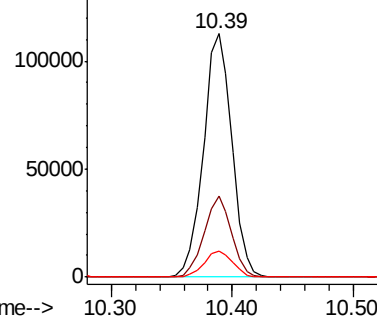


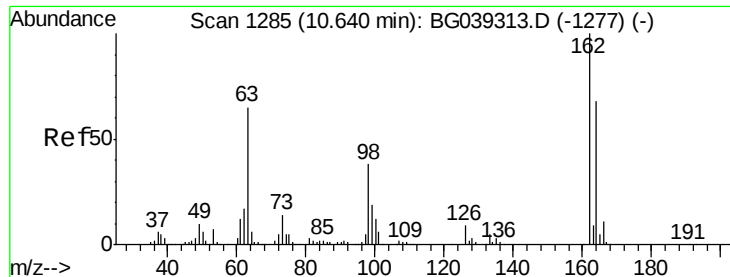
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





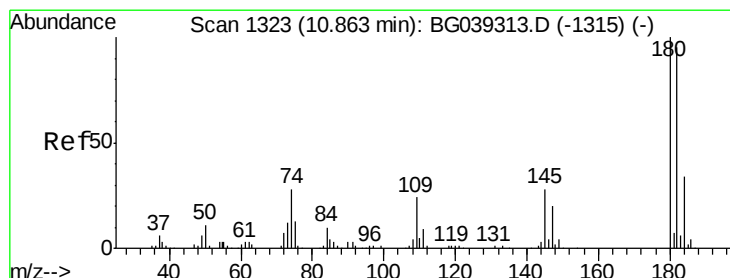
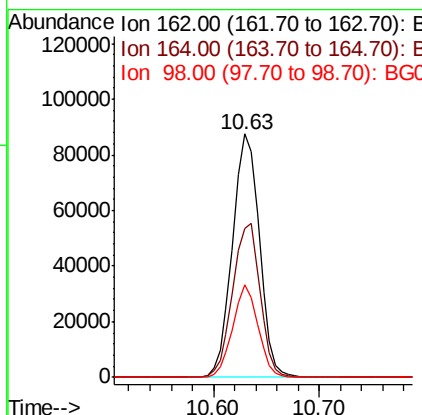
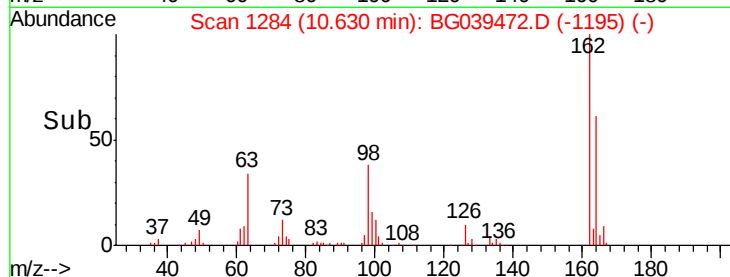
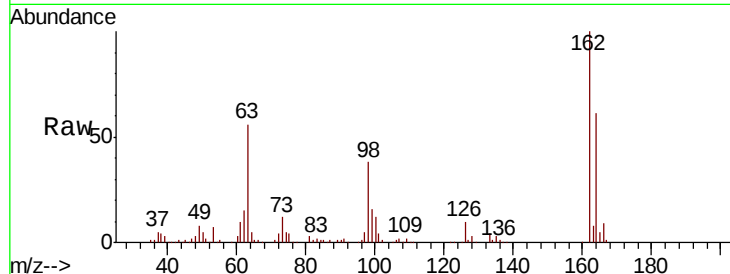
#29
 2,4-Dichlorophenol
 Concen: 39.606 ng
 RT: 10.63 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: BG039472.D
 Acq: 12 Feb 2019 20:33

Instrument :
 BNA_G
 ClientSampleId :
 PB117058BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	61.3	48.1	88.1
98	38.1	18.1	58.1

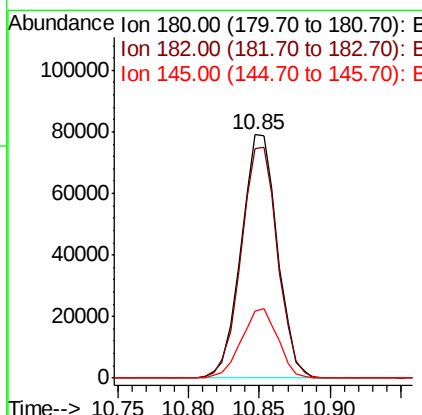
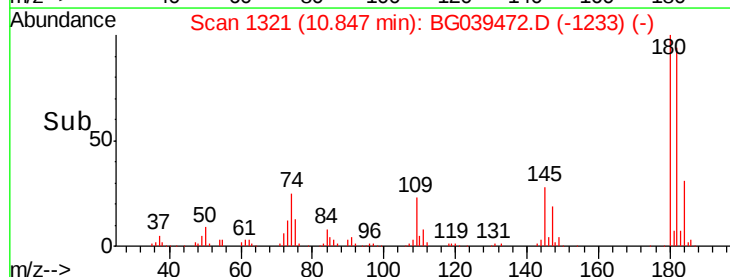
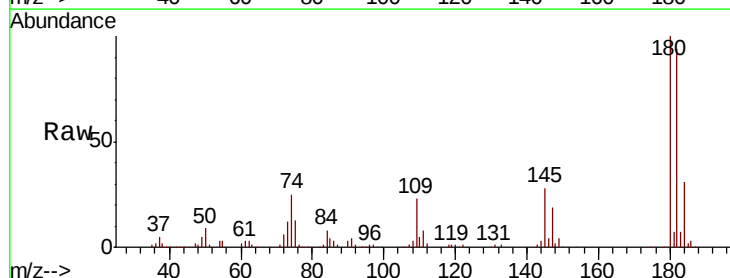
Manual Integrations
 APPROVED

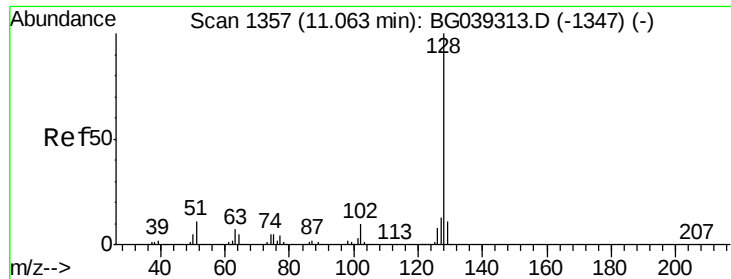
Sohil
 2/13/2019 9:56:54 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 32.403 ng
 RT: 10.85 min Scan# 1321
 Delta R.T. -0.02 min
 Lab File: BG039472.D
 Acq: 12 Feb 2019 20:33

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.3	76.0	114.0
145	27.6	22.7	34.1





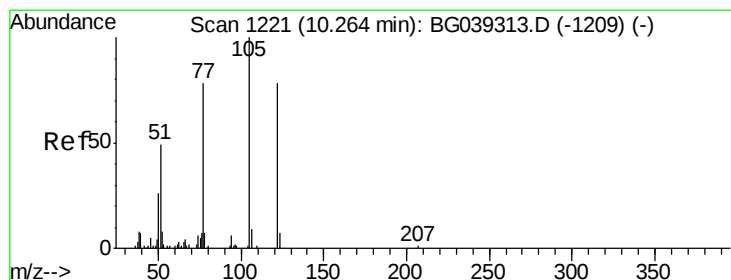
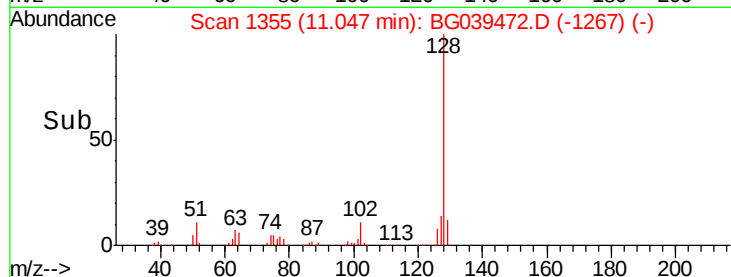
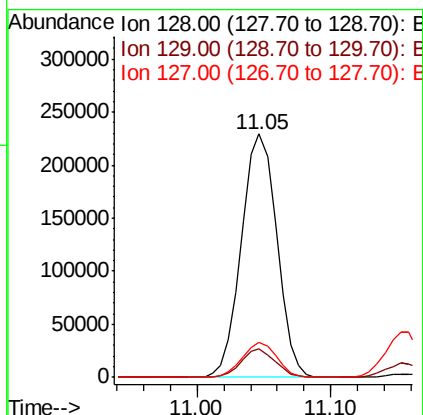
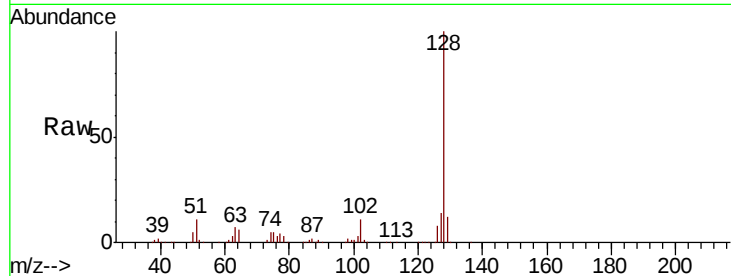
#31
Naphthalene
Concen: 34.239 ng
RT: 11.05 min Scan# 1355
Delta R.T. -0.02 min
Lab File: BG039472.D
Acq: 12 Feb 2019 20:33

Instrument :
BNA_G
ClientSampleId :
PB117058BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.7	13.1
127	14.2	10.8	16.2

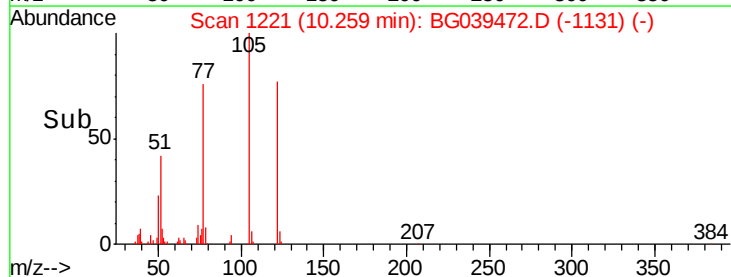
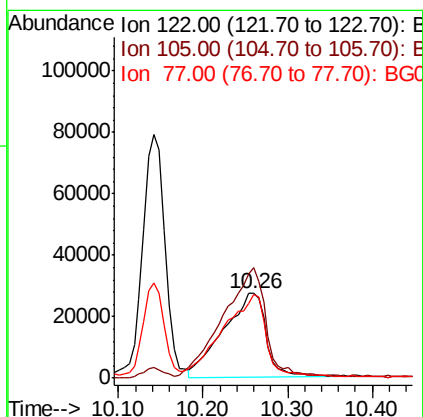
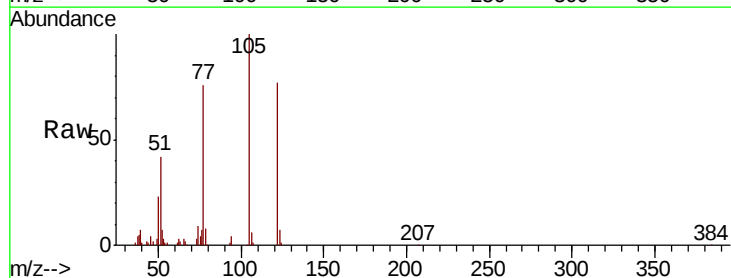
Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:54 AM



#32
Benzoic acid
Concen: 42.505 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BG039472.D
Acq: 12 Feb 2019 20:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.4	101.8	141.8
77	98.8	76.3	116.3





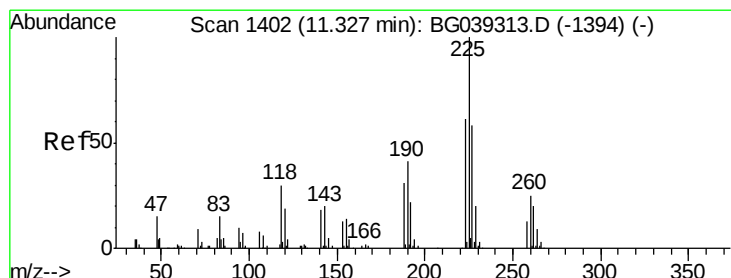
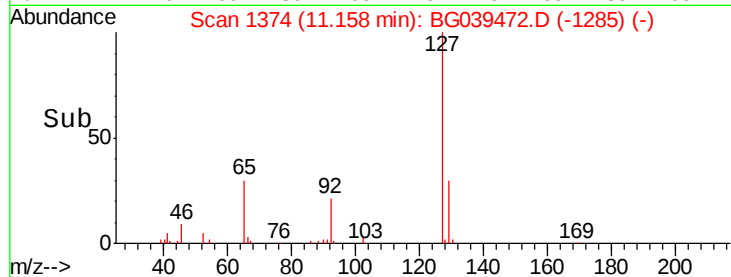
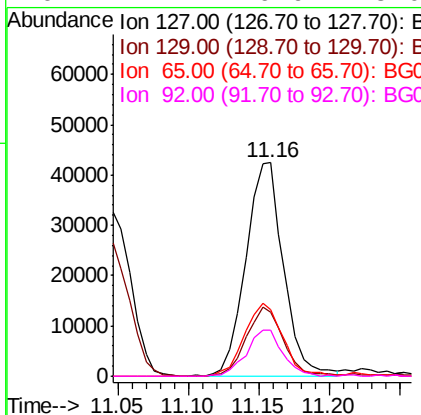
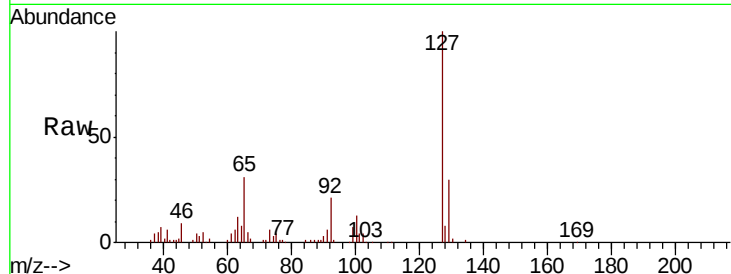
#33
4-Chloroaniline
Concen: 13.936 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG039472.D
Acq: 12 Feb 2019 20:33

Instrument :
BNA_G
ClientSampleId :
PB117058BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.0	27.0	40.4		
65	30.9	28.8	43.2		
92	21.4	16.6	25.0		

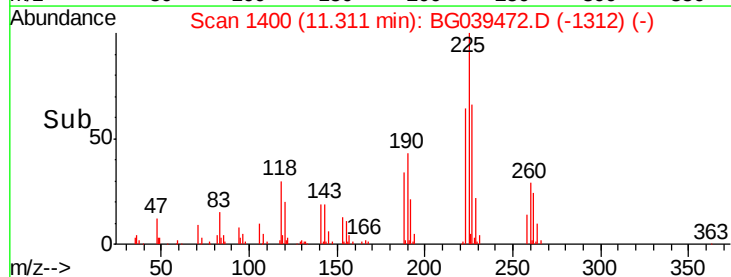
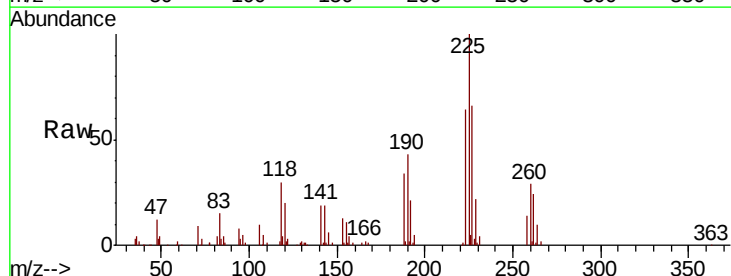
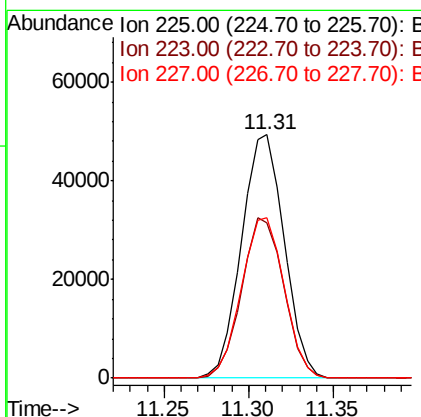
Manual Integrations
APPROVED

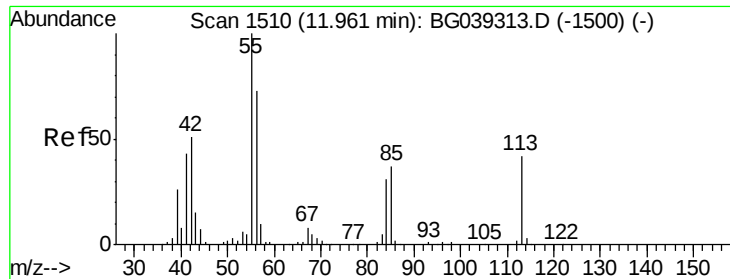
Sohil
2/13/2019 9:56:54 AM



#34
Hexachlorobutadiene
Concen: 29.783 ng
RT: 11.31 min Scan# 1400
Delta R.T. -0.02 min
Lab File: BG039472.D
Acq: 12 Feb 2019 20:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.8	49.0	73.6		
227	65.8	46.3	69.5		





#35

Caprolactam

Concen: 33.527 ng/ml

RT: 11.94 min Scan# 1507

Delta R.T. -0.02 min

Lab File: BG039472.D

Acq: 12 Feb 2019 20:33

Instrument :

BNA_G

ClientSampleId :

PB117058BS

Tot Ion:113 Resp: 54049

Ion Ratio Lower Upper

113 100

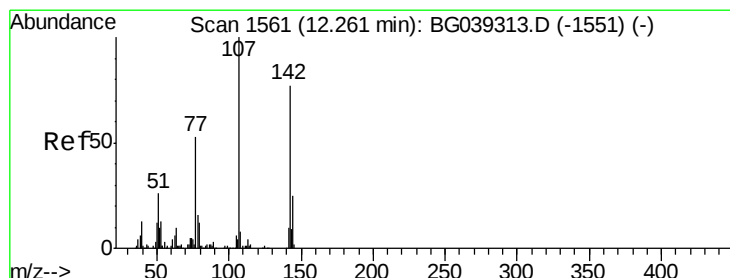
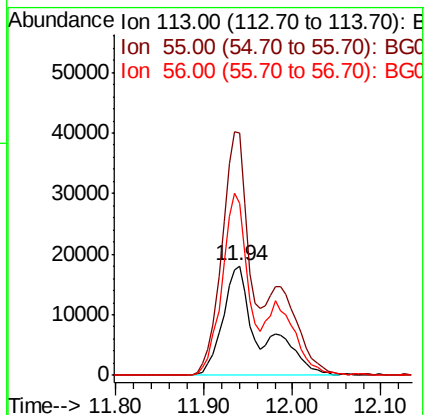
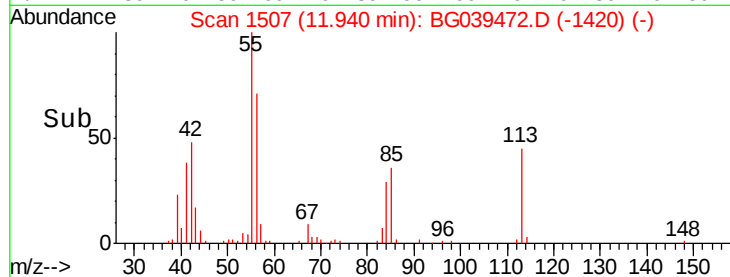
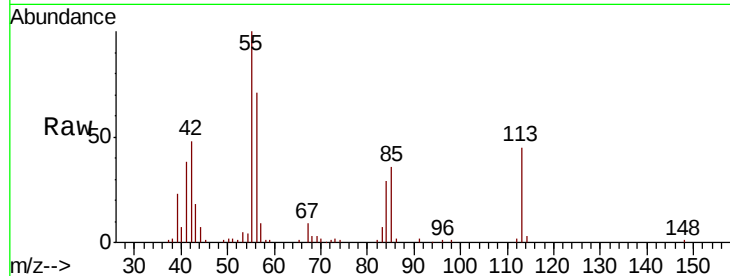
55 221.5 216.9 256.9

56 156.7 152.6 192.6

Manual Integrations
APPROVED

Sohil

2/13/2019 9:56:54 AM



#36

4-Chloro-3-methylphenol

Concen: 37.047 ng/ml

RT: 12.25 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BG039472.D

Acq: 12 Feb 2019 20:33

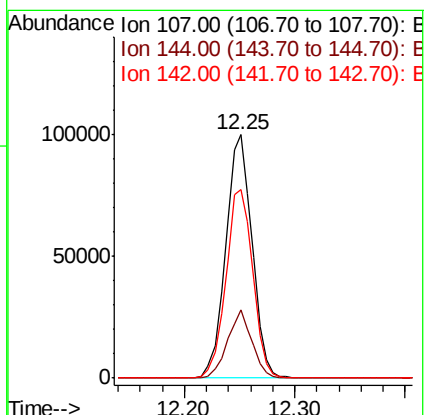
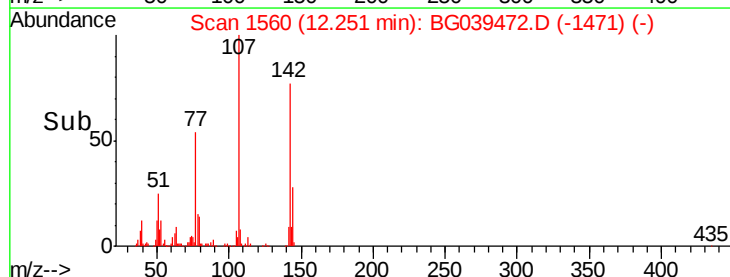
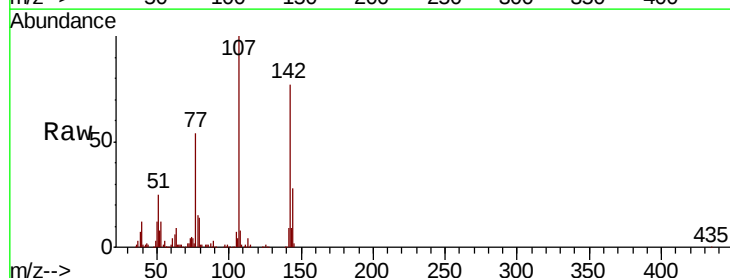
Tgt Ion:107 Resp: 166916

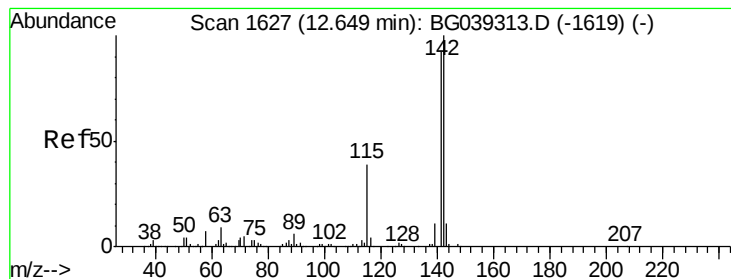
Ion Ratio Lower Upper

107 100

144 28.0 20.2 30.2

142 77.4 61.4 92.2





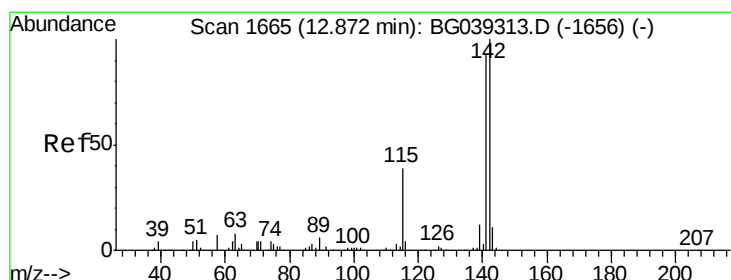
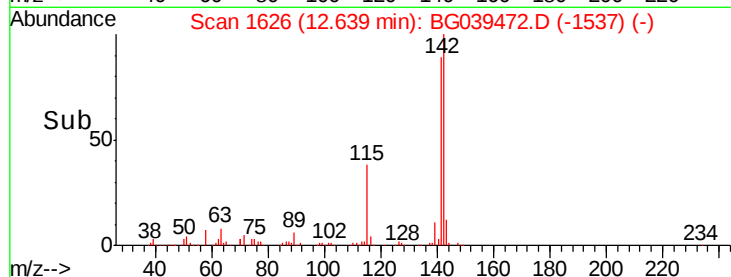
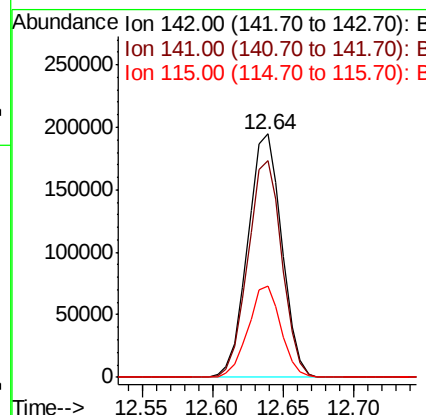
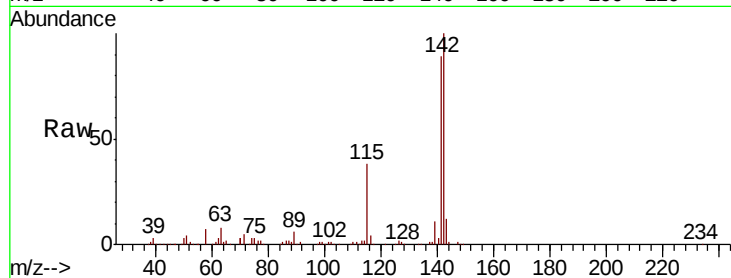
#37
2-Methylnaphthalene
Concen: 36.074 ng
RT: 12.64 min Scan# 1626
Delta R.T. -0.01 min
Lab File: BG039472.D
Acq: 12 Feb 2019 20:33

Instrument :
BNA_G
ClientSampled :
PB117058BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	73.5	110.3
115	37.6	30.8	46.2

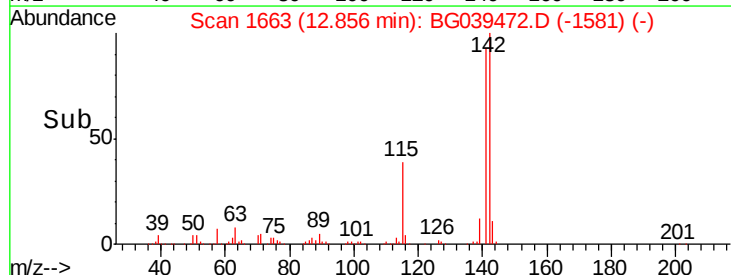
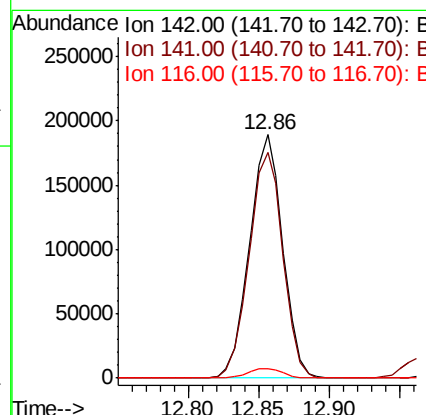
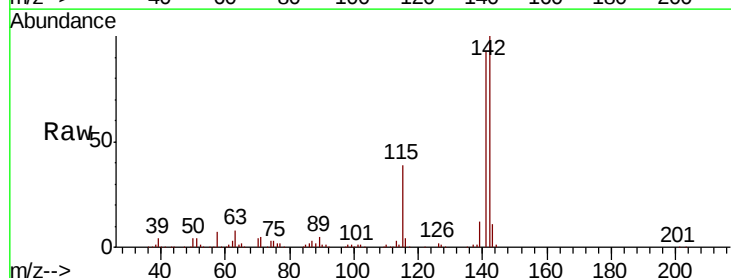
Manual Integrations
APPROVED

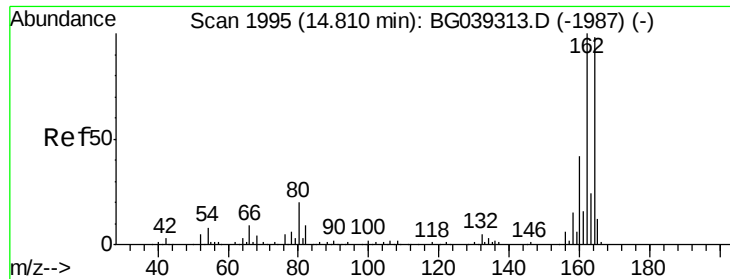
Sohil
2/13/2019 9:56:54 AM



#38
1-Methylnaphthalene
Concen: 35.328 ng
RT: 12.86 min Scan# 1663
Delta R.T. -0.02 min
Lab File: BG039472.D
Acq: 12 Feb 2019 20:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	74.2	111.4
116	4.0	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BG039472.D

Acq: 12 Feb 2019 20:33

Instrument :

BNA_G

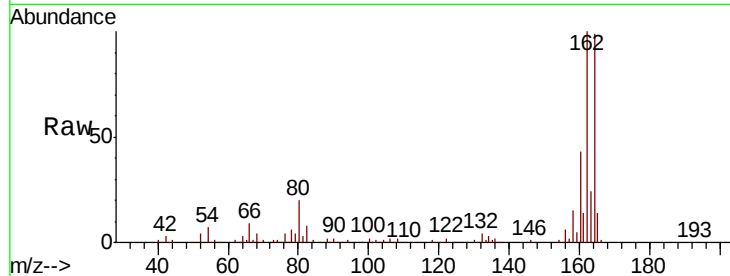
ClientSampleId :

PB117058BS

Tot Ion:	164	Resp:	176082
Ion Ratio	Lower	Upper	
164	100		
162	101.0	81.6	122.4
160	43.4	34.2	51.2

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:54 AM

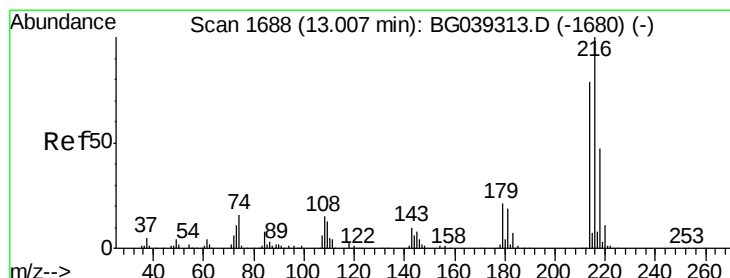
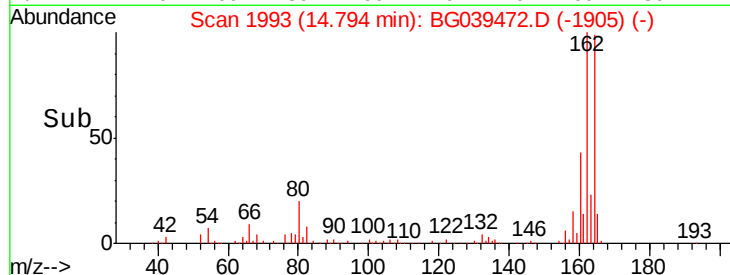
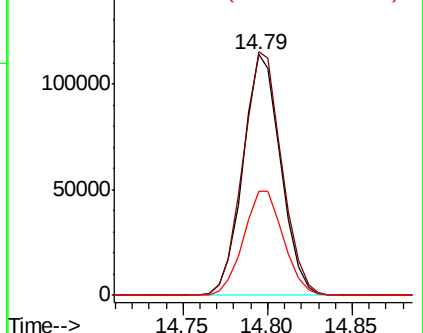


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 32.039 ng

RT: 13.00 min Scan# 1687

Delta R.T. -0.01 min

Lab File: BG039472.D

Acq: 12 Feb 2019 20:33

Tgt Ion:	216	Resp:	179496
Ion Ratio	Lower	Upper	
216	100		
214	79.1	62.6	94.0
179	20.2	16.6	25.0
108	17.7	14.0	21.0

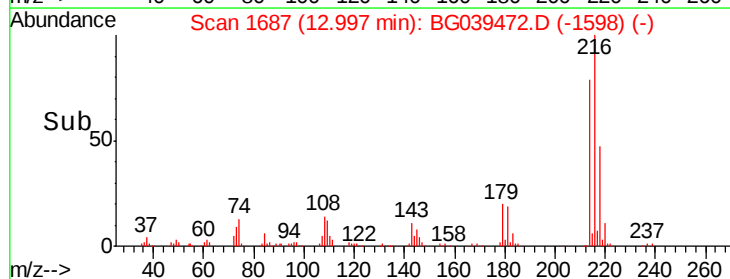
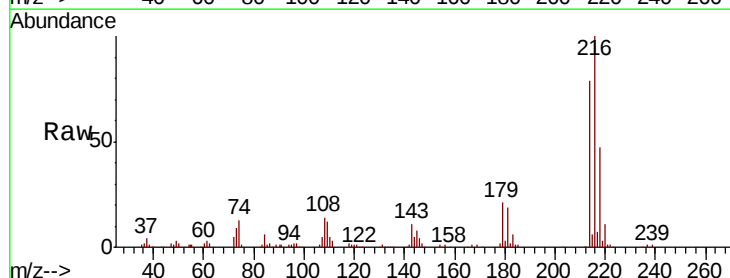
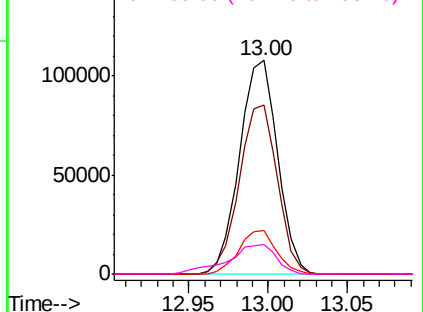
Abundance

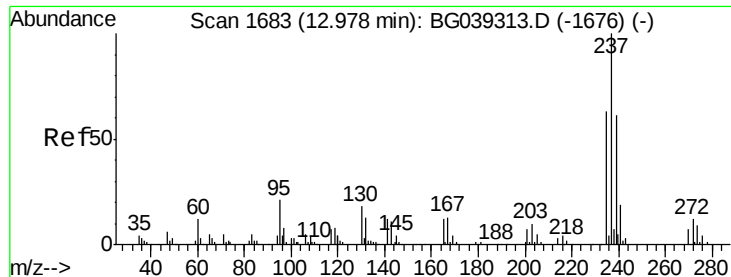
Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 67.872 ng

RT: 12.96 min Scan# 1681

Delta R.T. -0.02 min

Lab File: BG039472.D

Acq: 12 Feb 2019 20:33

Instrument :

BNA_G

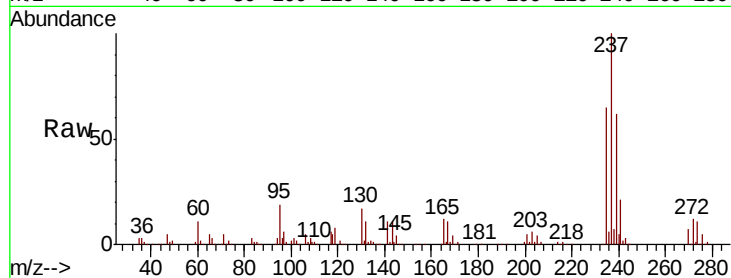
ClientSampleId :

PB117058BS

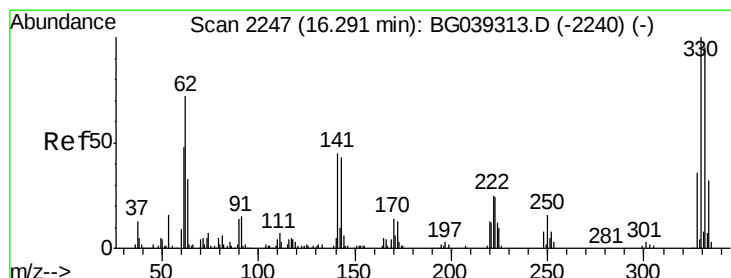
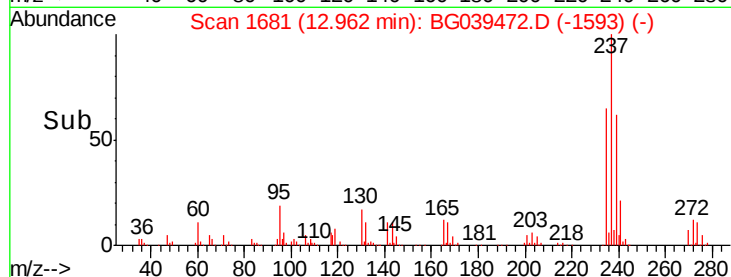
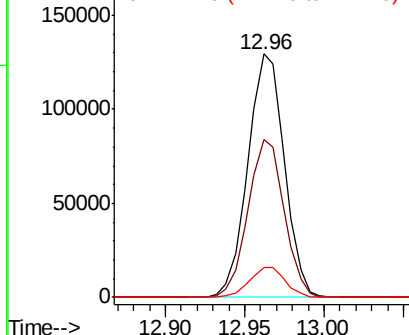
Tot Ion:	237	Resp:	207204
Ion Ratio	Lower	Upper	
237	100		
235	64.7	43.3	83.3
272	12.1	0.0	32.3

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:54 AM



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



#42

2,4,6-Tribromophenol

Concen: 115.659 ng

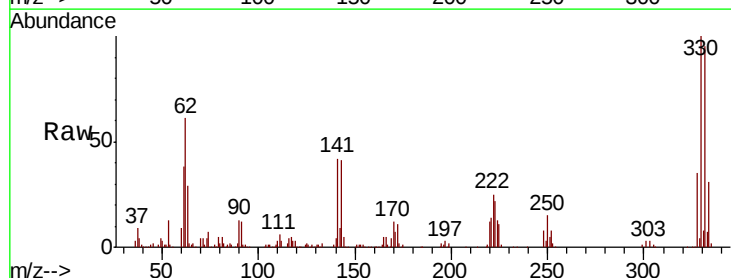
RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

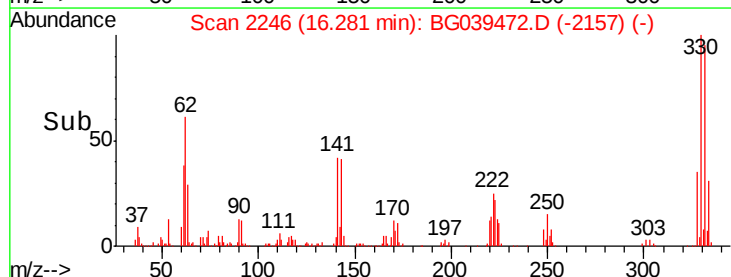
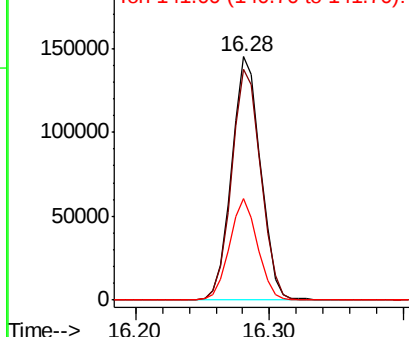
Lab File: BG039472.D

Acq: 12 Feb 2019 20:33

Tgt Ion:	330	Resp:	219301
Ion Ratio	Lower	Upper	
330	100		
332	95.6	75.7	113.5
141	40.4	35.6	53.4



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





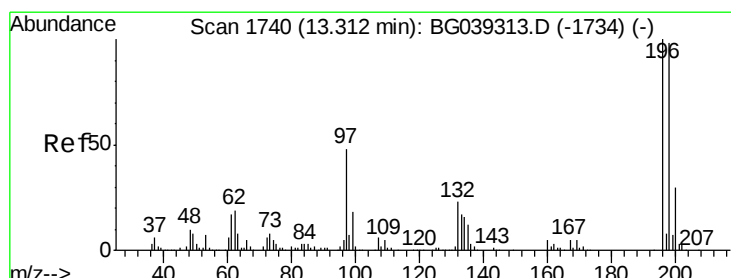
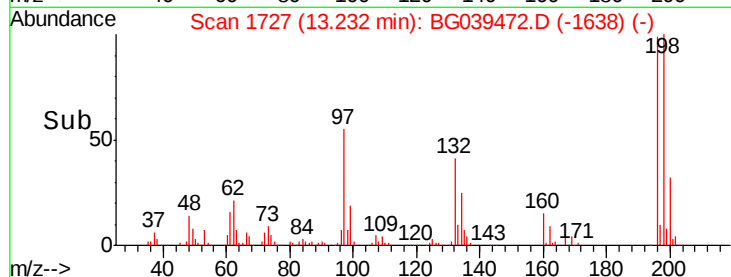
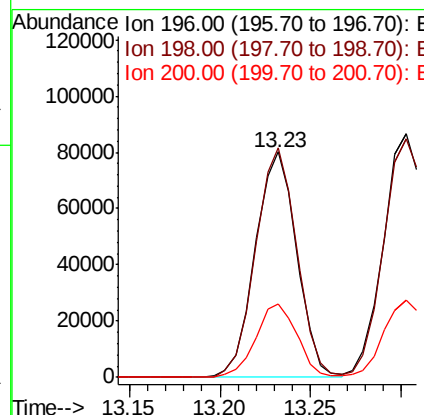
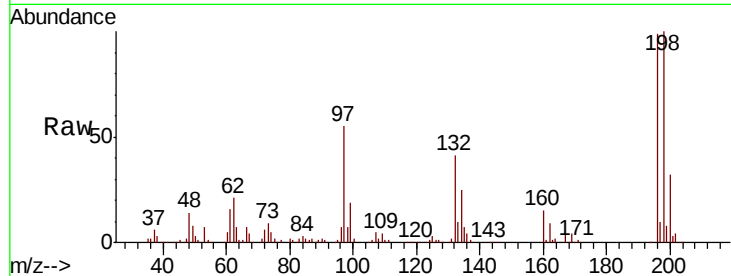
#43
 2,4,6-Trichlorophenol
 Concen: 37.073 ng
 RT: 13.23 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BG039472.D
 Acq: 12 Feb 2019 20:33

Instrument :
 BNA_G
 ClientSampleId :
 PB117058BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	127703		
198	101.5	80.6	121.0	
200	32.7	26.1	39.1	

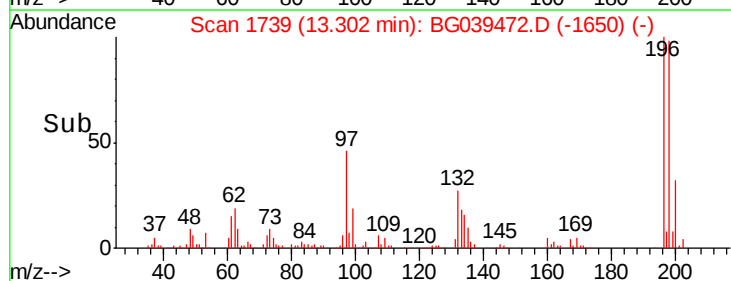
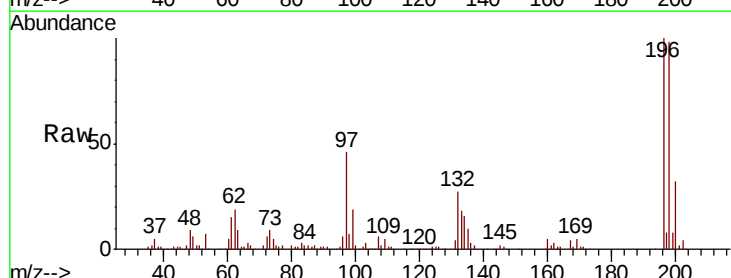
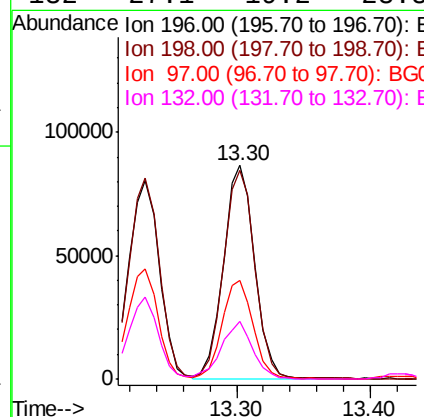
Manual Integrations
 APPROVED

Sohil
 2/13/2019 9:56:54 AM



#44
 2,4,5-Trichlorophenol
 Concen: 39.267 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG039472.D
 Acq: 12 Feb 2019 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	141766		
198	98.0	78.5	117.7	
97	45.9	38.4	57.6	
132	27.1	19.2	28.8	





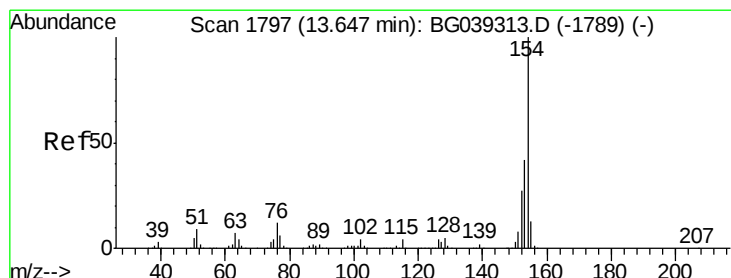
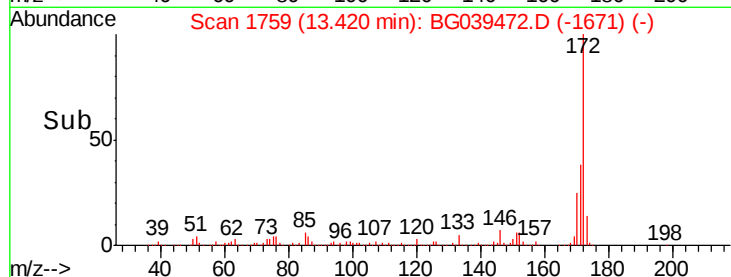
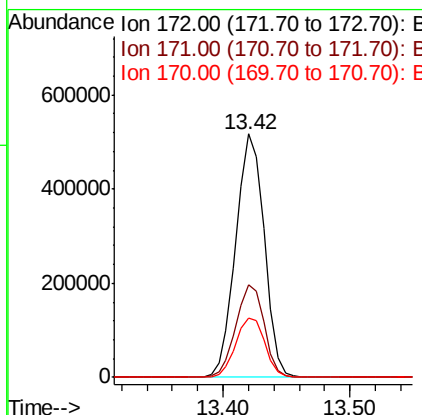
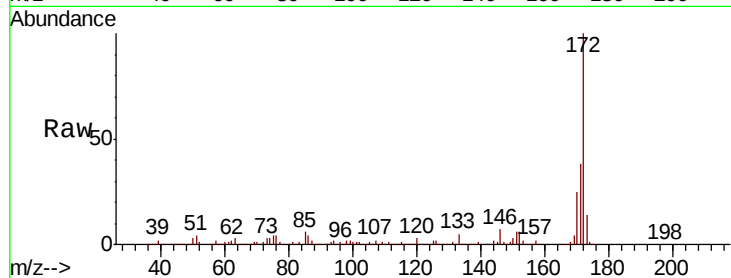
#45
2-Fluorobiphenyl
Concen: 65.385 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.02 min
Lab File: BG039472.D
Acq: 12 Feb 2019 20:33

Instrument :
BNA_G
ClientSampleId :
PB117058BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.8	46.2
170	24.5	20.2	30.4

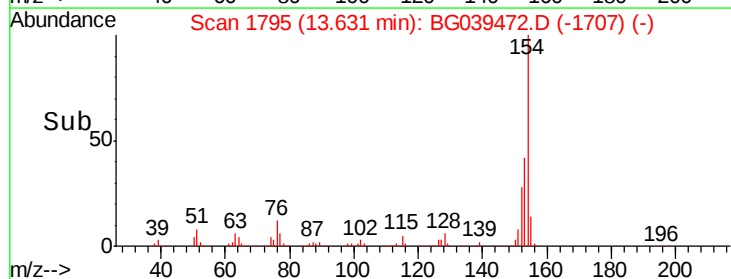
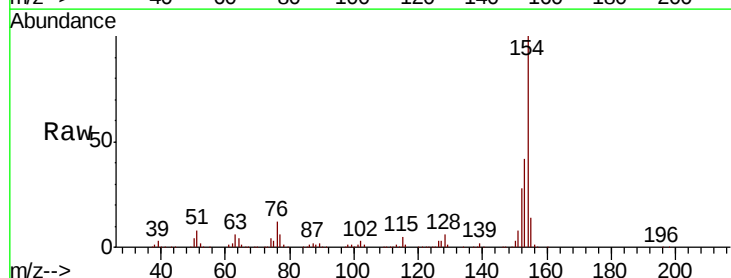
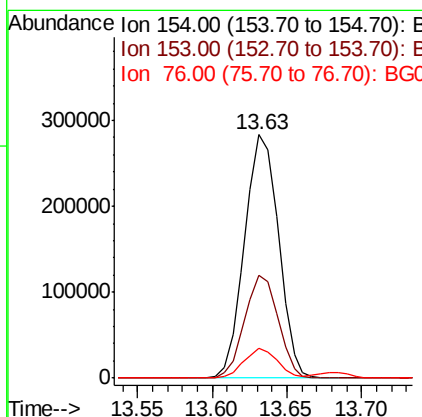
Manual Integrations
APPROVED

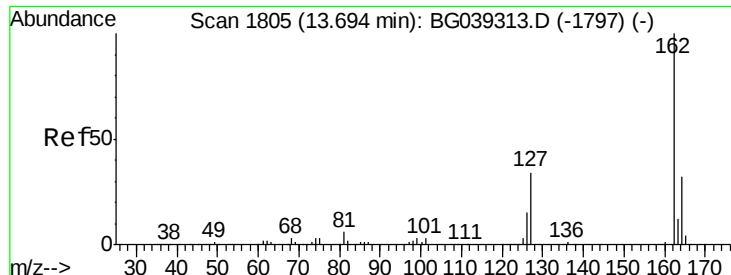
Sohil
2/13/2019 9:56:54 AM



#46
1,1'-Biphenyl
Concen: 30.486 ng
RT: 13.63 min Scan# 1795
Delta R.T. -0.02 min
Lab File: BG039472.D
Acq: 12 Feb 2019 20:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.4	22.1	62.1
76	12.2	0.0	32.4





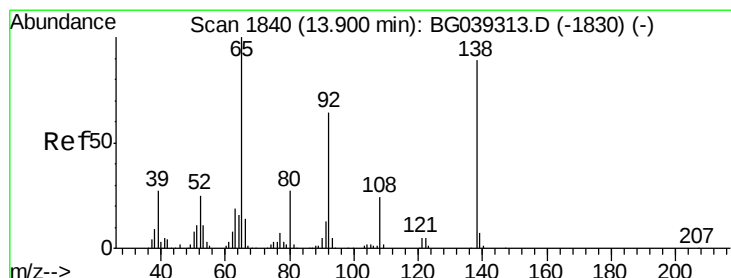
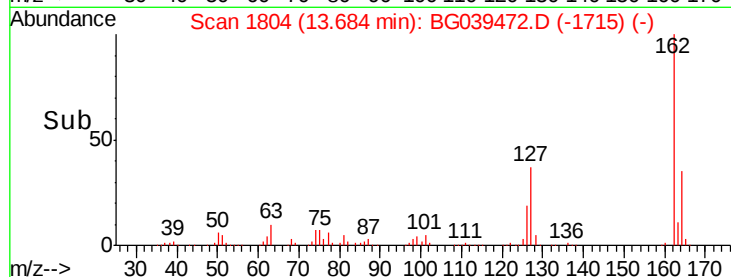
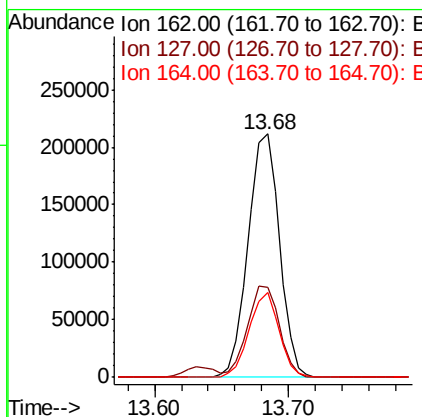
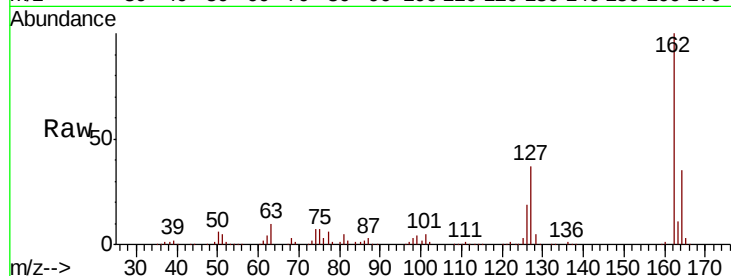
#47
 2-Chloronaphthalene
 Concen: 31.034 ng
 RT: 13.68 min Scan# 1804
 Delta R.T. -0.01 min
 Lab File: BG039472.D
 Acq: 12 Feb 2019 20:33

Instrument :
 BNA_G
 ClientSampled :
 PB117058BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.2	31.0	46.6
164	34.7	25.7	38.5

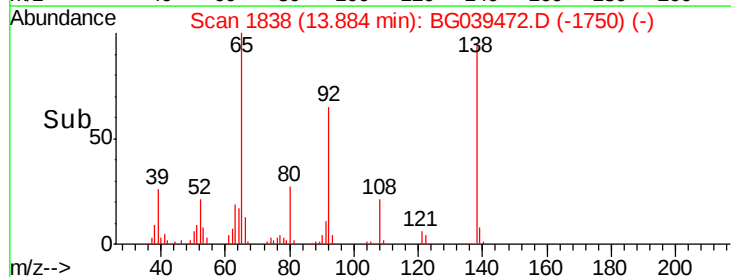
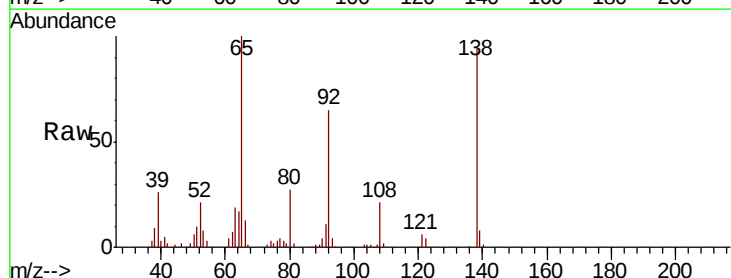
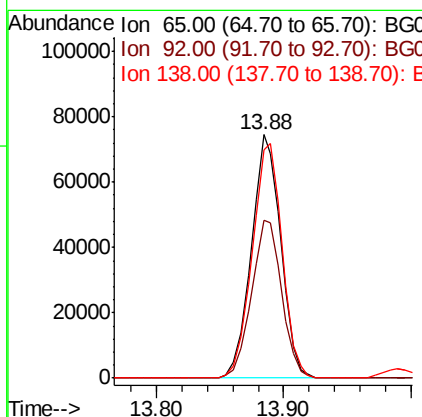
Manual Integrations
 APPROVED

Sohil
 2/13/2019 9:56:54 AM



#48
 2-Nitroaniline
 Concen: 39.732 ng
 RT: 13.88 min Scan# 1838
 Delta R.T. -0.02 min
 Lab File: BG039472.D
 Acq: 12 Feb 2019 20:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.0	51.4	77.2
138	93.6	71.4	107.2





#49

Acenaphthylene

Concen: 33.691 ng

RT: 14.52 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG039472.D

Acq: 12 Feb 2019 20:33

Instrument :

BNA_G

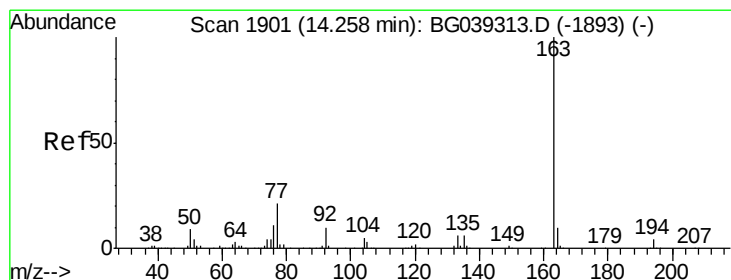
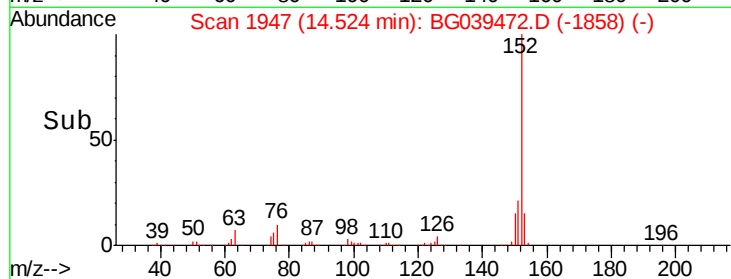
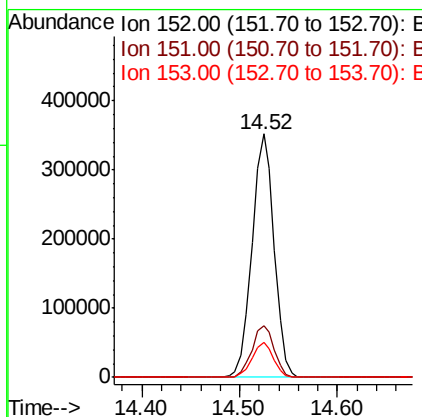
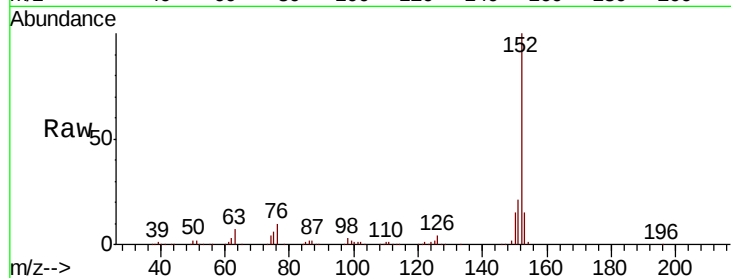
ClientSampleId :

PB117058BS

Tot Ion:	152	Resp:	560286
Ion Ratio	Lower	Upper	
152	100		
151	21.4	16.8	25.2
153	14.6	11.7	17.5

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:54 AM



#50

Dimethylphthalate

Concen: 32.165 ng

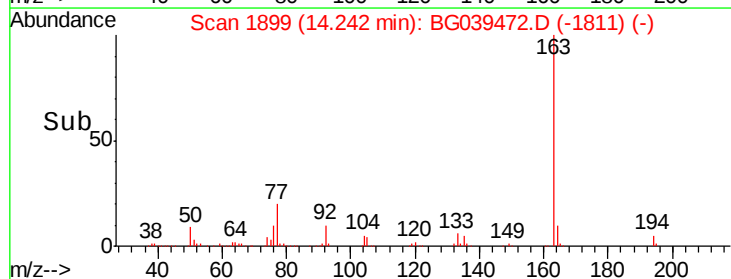
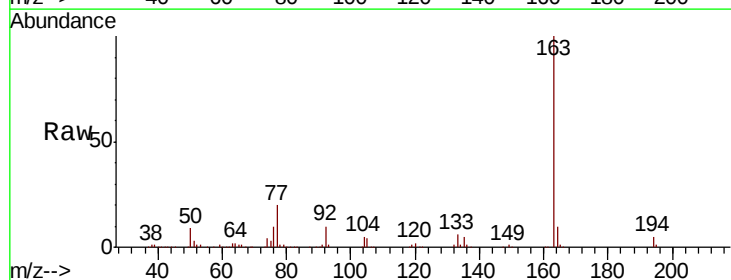
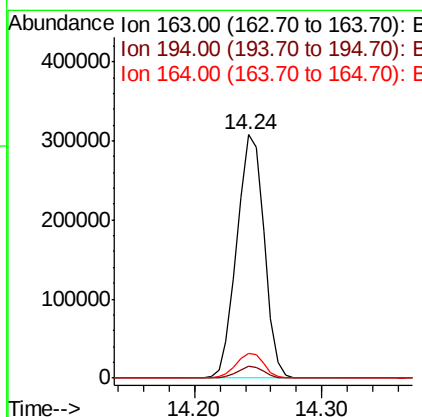
RT: 14.24 min Scan# 1899

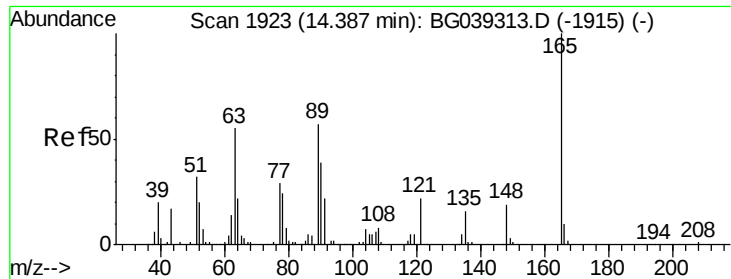
Delta R.T. -0.02 min

Lab File: BG039472.D

Acq: 12 Feb 2019 20:33

Tgt Ion:	163	Resp:	457422
Ion Ratio	Lower	Upper	
163	100		
194	5.0	3.6	5.4
164	10.1	8.4	12.6





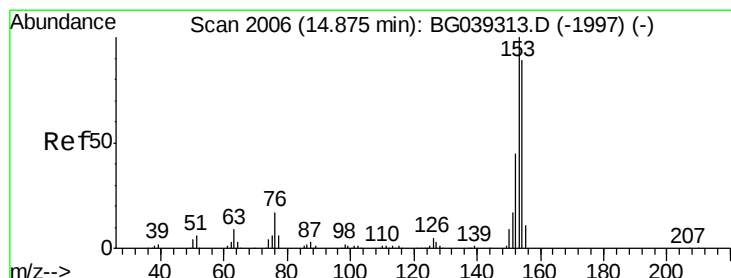
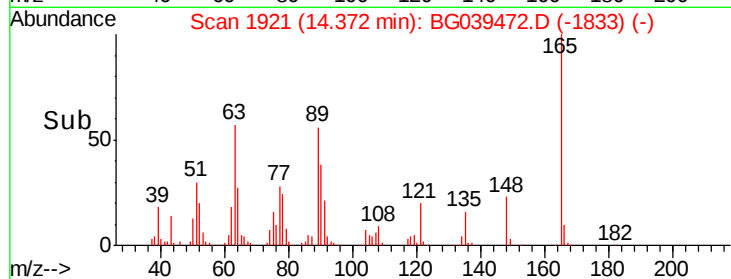
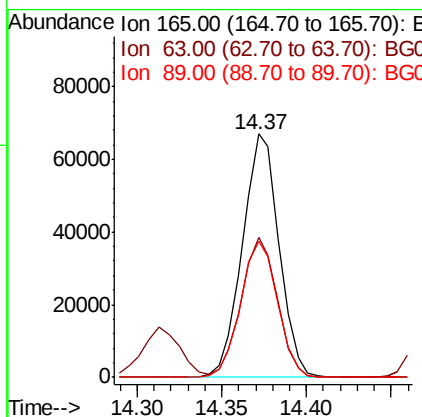
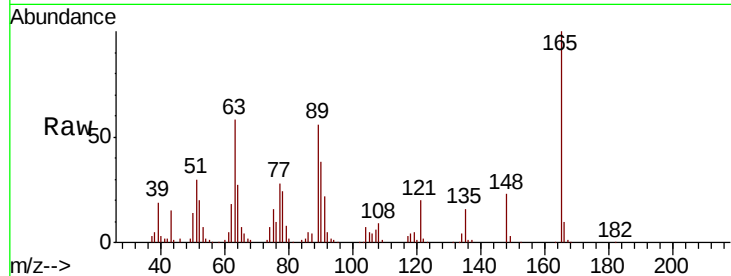
#51
2,6-Dinitrotoluene
Concen: 39.351 ng
RT: 14.37 min Scan# 1921
Delta R.T. -0.02 min
Lab File: BG039472.D
Acq: 12 Feb 2019 20:33

Instrument :
BNA_G
ClientSampleId :
PB117058BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	100950		
63	57.7		47.0	70.6
89	55.9		45.8	68.8

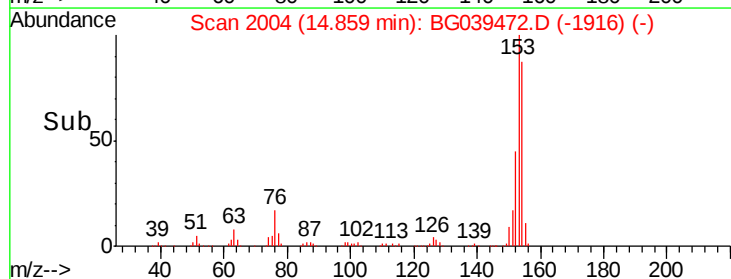
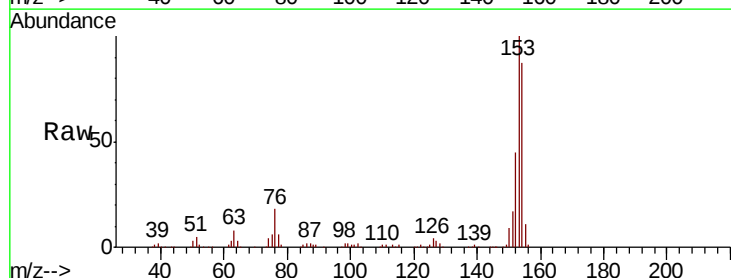
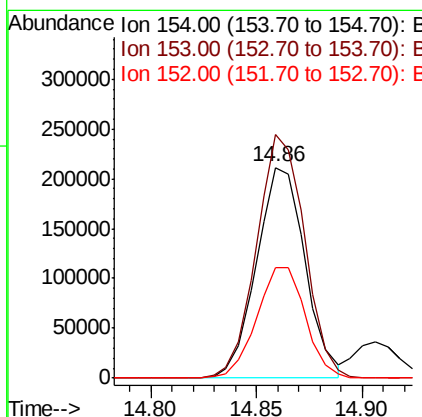
Manual Integrations
APPROVED

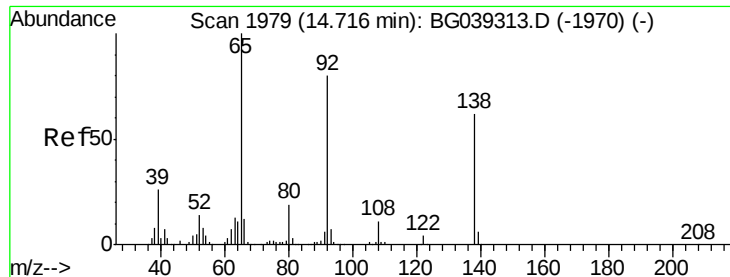
Sohil
2/13/2019 9:56:54 AM



#52
Acenaphthene
Concen: 31.419 ng
RT: 14.86 min Scan# 2004
Delta R.T. -0.02 min
Lab File: BG039472.D
Acq: 12 Feb 2019 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	339165		
153	115.4		90.1	135.1
152	52.3		40.9	61.3





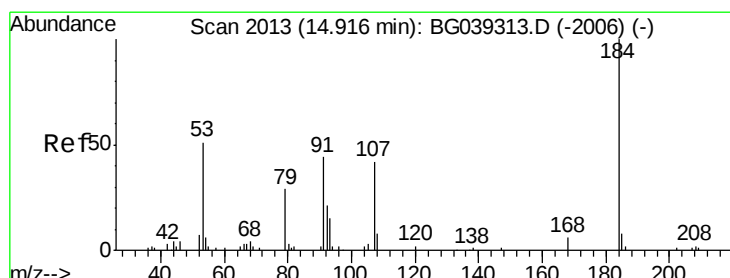
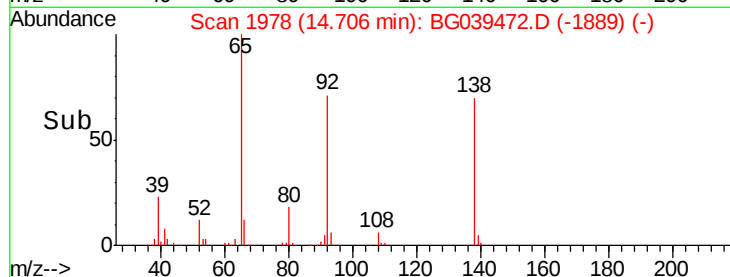
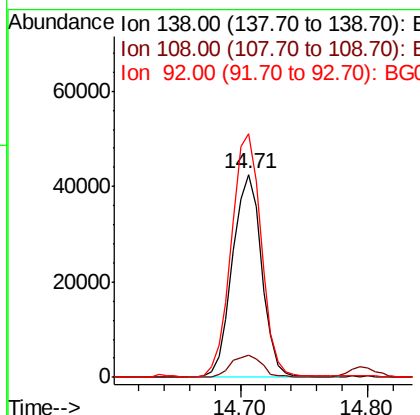
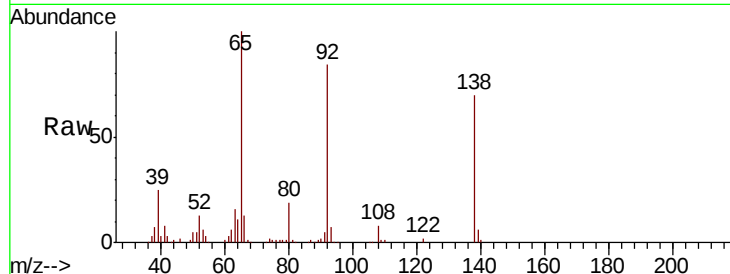
#53
3-Nitroaniline
Concen: 26.512 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG039472.D
Acq: 12 Feb 2019 20:33

Instrument :
BNA_G
ClientSampleId :
PB117058BS

Tot Ion:138 Resp: 67576
Ion Ratio Lower Upper
138 100
108 10.9 13.8 20.8#
92 120.1 103.7 155.5

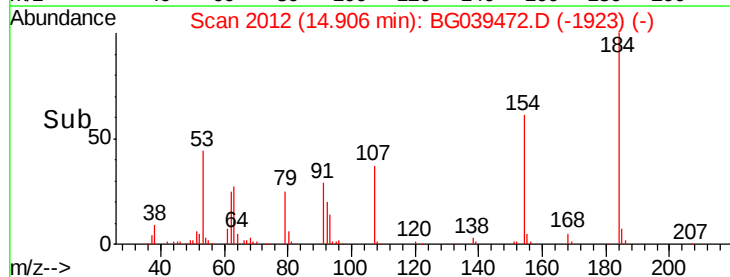
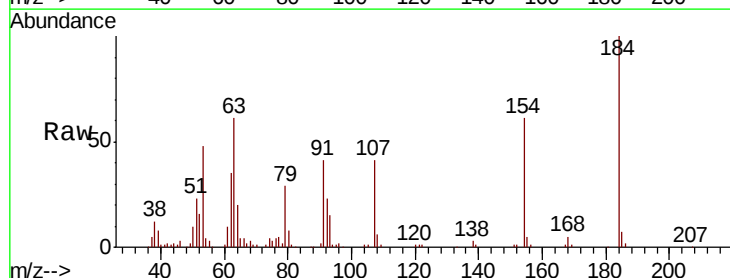
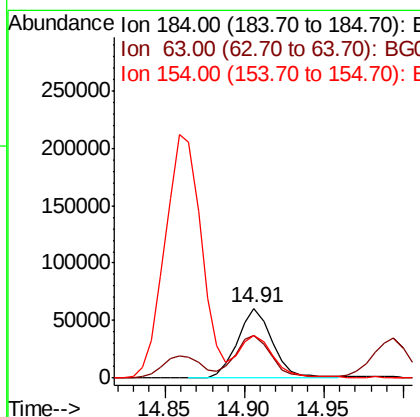
Manual Integrations
APPROVED

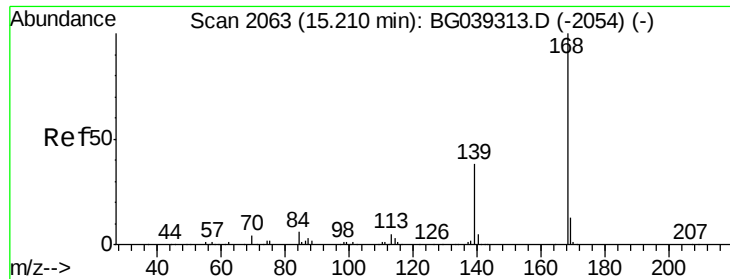
Sohil
2/13/2019 9:56:54 AM



#54
2,4-Dinitrophenol
Concen: 79.666 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG039472.D
Acq: 12 Feb 2019 20:33

Tgt Ion:184 Resp: 93466
Ion Ratio Lower Upper
184 100
63 61.1 50.9 76.3
154 61.1 53.0 79.6





#55

Dibenzofuran

Concen: 32.225 ng

RT: 15.19 min Scan# 2061

Delta R.T. -0.02 min

Lab File: BG039472.D

Acq: 12 Feb 2019 20:33

Instrument :

BNA_G

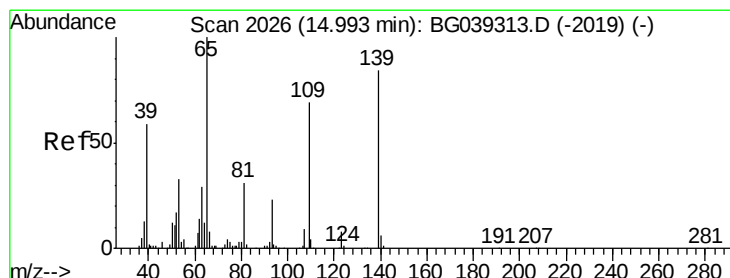
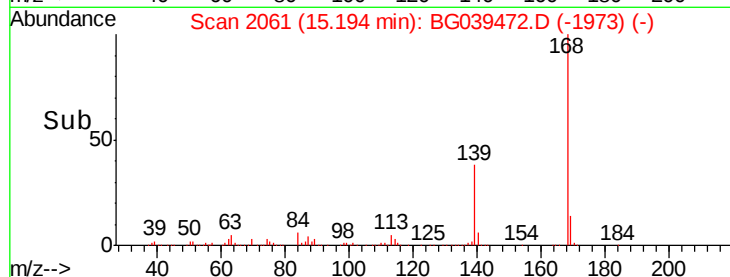
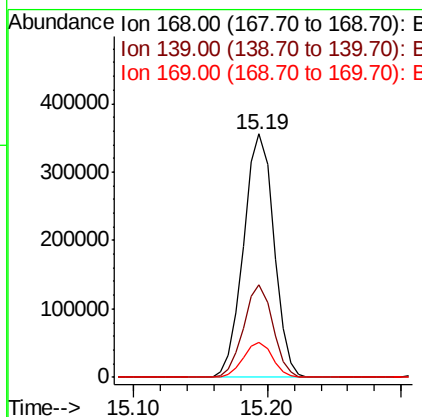
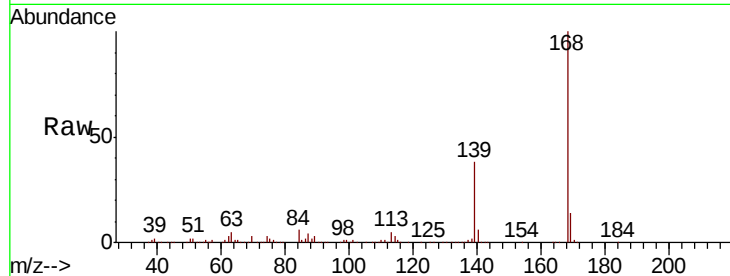
ClientSampleId :

PB117058BS

Tot Ion:	168	Resp:	557756
Ion Ratio	Lower	Upper	
168	100		
139	37.8	30.1	45.1
169	14.2	10.6	16.0

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:54 AM



#56

4-Nitrophenol

Concen: 70.881 ng

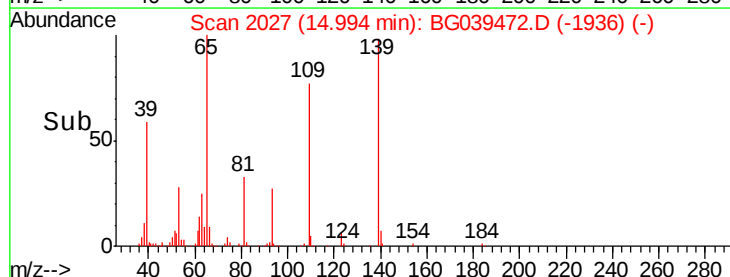
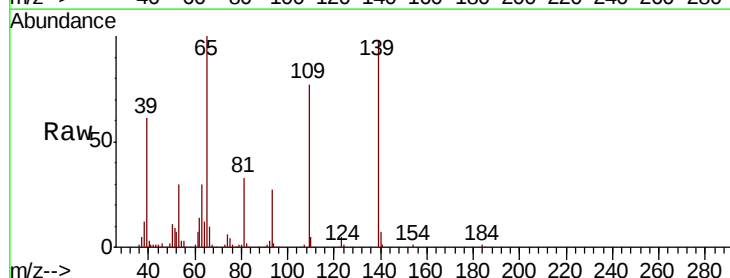
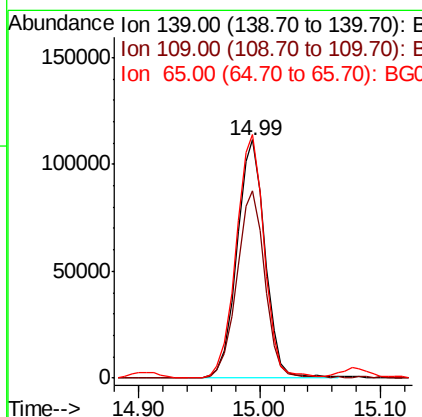
RT: 14.99 min Scan# 2027

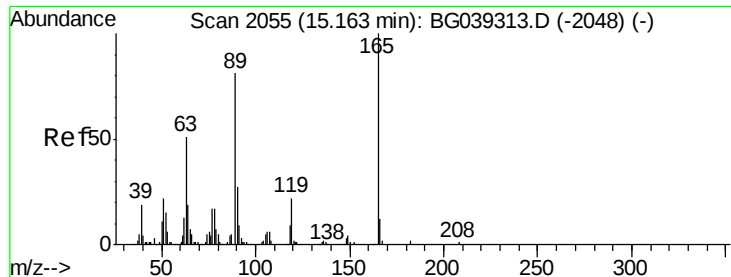
Delta R.T. 0.00 min

Lab File: BG039472.D

Acq: 12 Feb 2019 20:33

Tgt Ion:	139	Resp:	180426
Ion Ratio	Lower	Upper	
139	100		
109	78.7	61.9	101.9
65	102.3	99.1	139.1





#57

2,4-Dinitrotoluene

Concen: 43.744 ng

RT: 15.16 min Scan# 2055

Delta R.T. -0.00 min

Lab File: BG039472.D

Acq: 12 Feb 2019 20:33

Instrument :

BNA_G

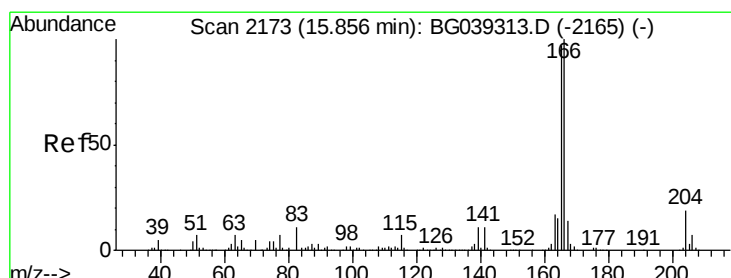
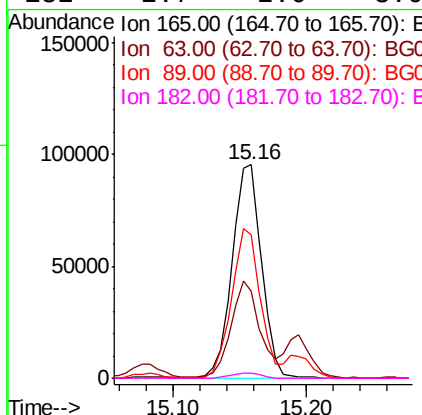
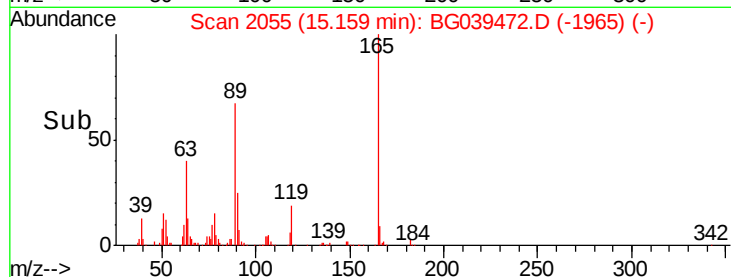
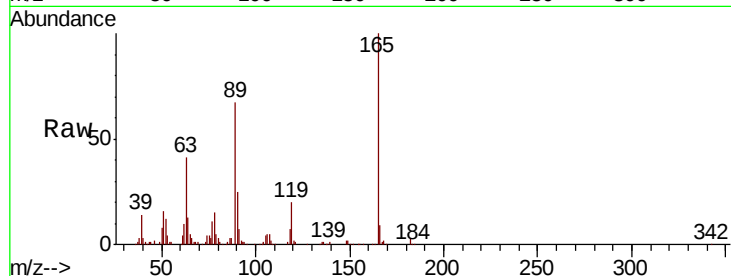
ClientSampleId :

PB117058BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	40.5	41.0	61.6#	
89	67.1	64.6	96.8	
182	2.7	2.0	3.0	

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:54 AM



#58

Fluorene

Concen: 34.242 ng

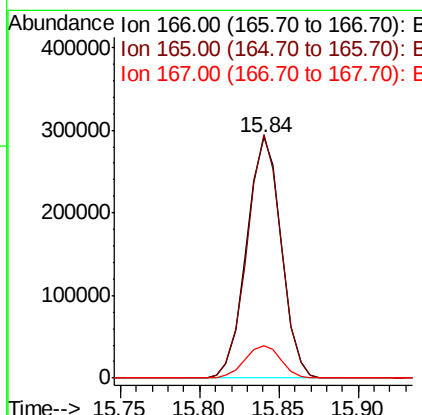
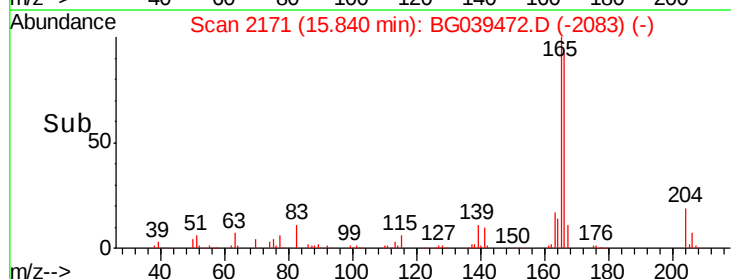
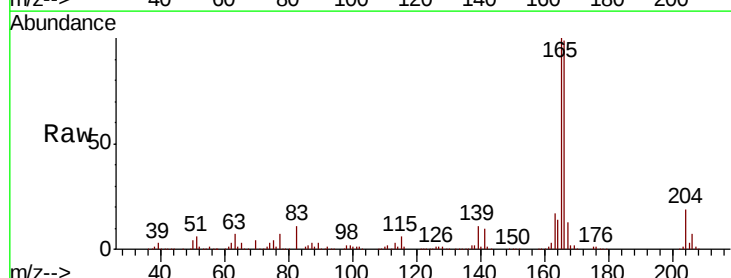
RT: 15.84 min Scan# 2171

Delta R.T. -0.02 min

Lab File: BG039472.D

Acq: 12 Feb 2019 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	101.2	77.9	116.9	
167	13.4	10.8	16.2	





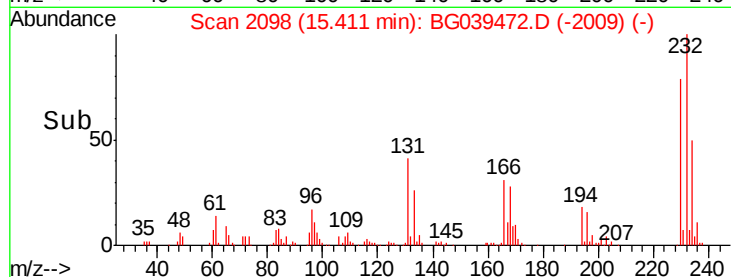
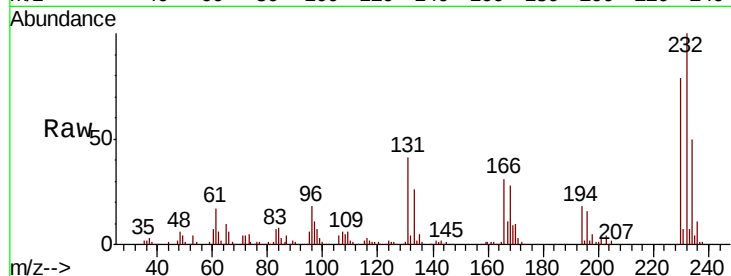
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.157 ng
RT: 15.41 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BG039472.D
Acq: 12 Feb 2019 20:33

Instrument :
BNA_G
ClientSampleId :
PB117058BS

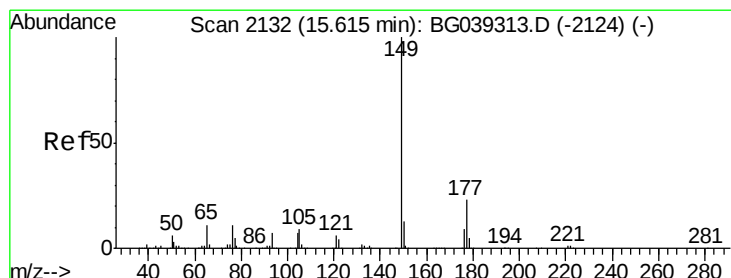
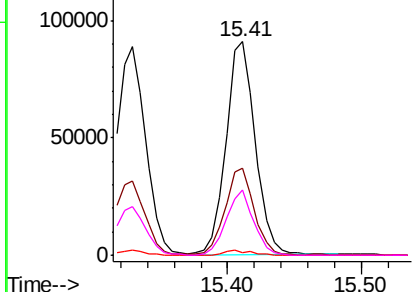
Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	40.0	34.9	52.3
130	2.2	2.0	3.0
166	28.9	24.1	36.1

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:54 AM

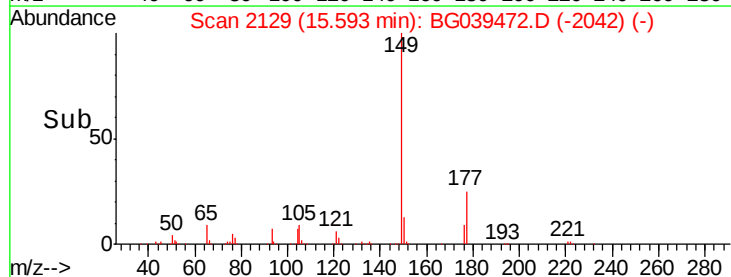
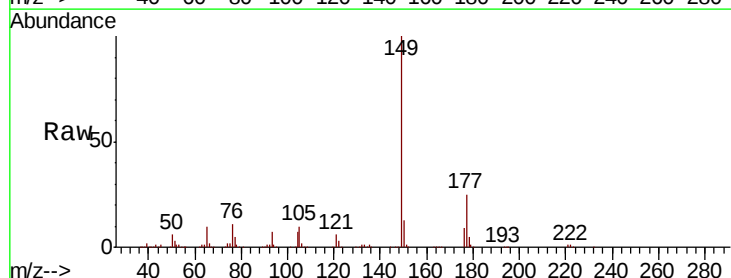


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

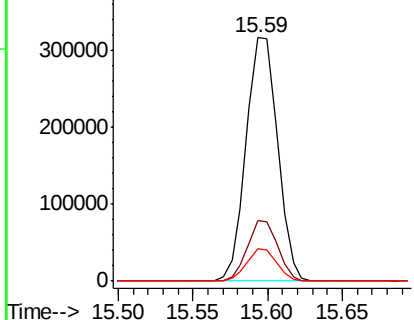


#60
Diethylphthalate
Concen: 31.404 ng
RT: 15.59 min Scan# 2129
Delta R.T. -0.02 min
Lab File: BG039472.D
Acq: 12 Feb 2019 20:33

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	24.8	18.3	27.5
150	13.4	10.2	15.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





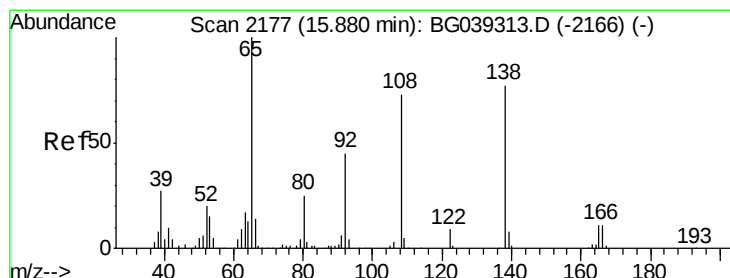
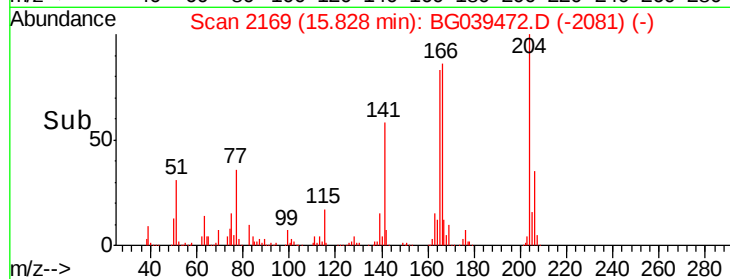
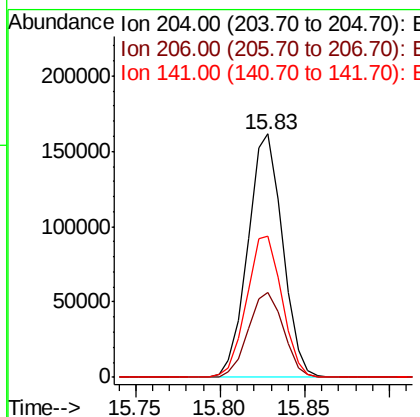
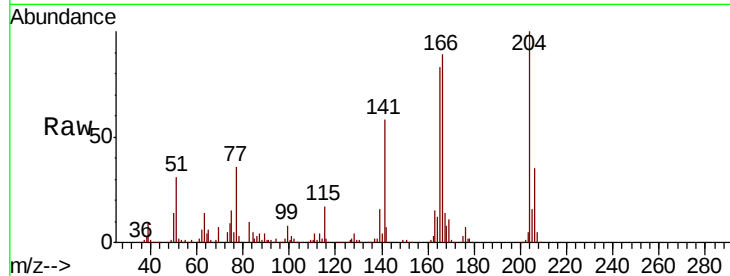
#61
4-Chlorophenyl-phenylether
Concen: 31.652 ng
RT: 15.83 min Scan# 2169
Delta R.T. -0.02 min
Lab File: BG039472.D
Acq: 12 Feb 2019 20:33

Instrument :
BNA_G
ClientSampleId :
PB117058BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.7	29.2	43.8
141	58.1	49.0	73.4

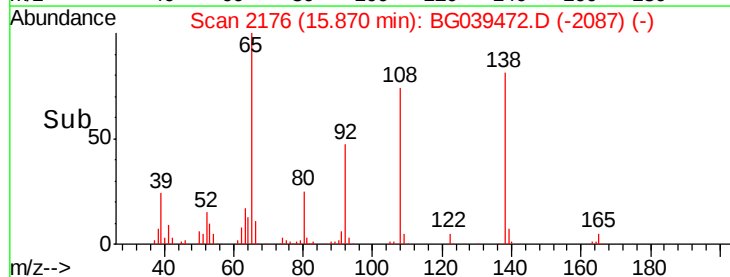
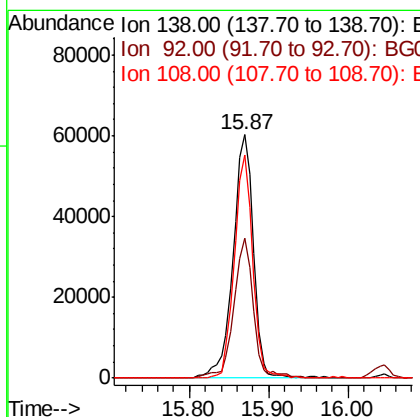
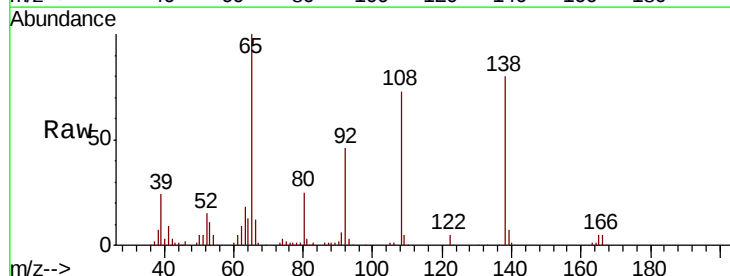
Manual Integrations
APPROVED

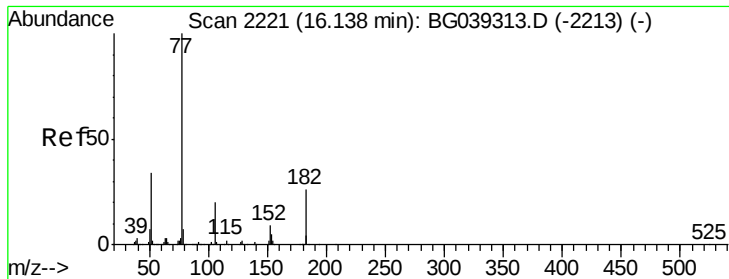
Sohil
2/13/2019 9:56:54 AM



#62
4-Nitroaniline
Concen: 36.938 ng
RT: 15.87 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BG039472.D
Acq: 12 Feb 2019 20:33

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.6	38.7	78.7
108	91.5	74.6	114.6





#63

Azobenzene

Concen: 29.197 ng

RT: 16.12 min Scan# 2219

Delta R.T. -0.02 min

Lab File: BG039472.D

Acq: 12 Feb 2019 20:33

Instrument :

BNA_G

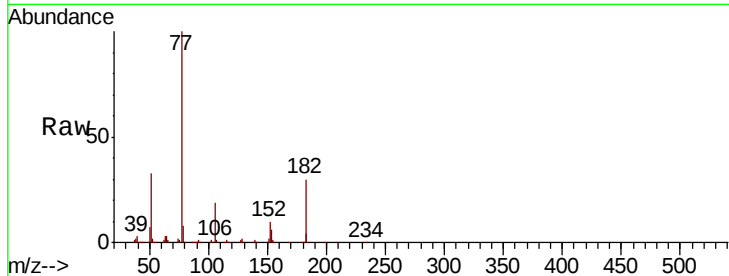
ClientSampleId :

PB117058BS

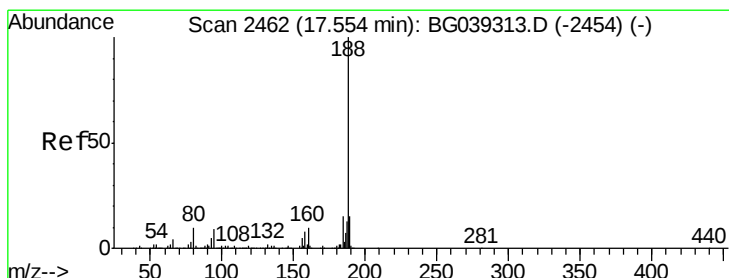
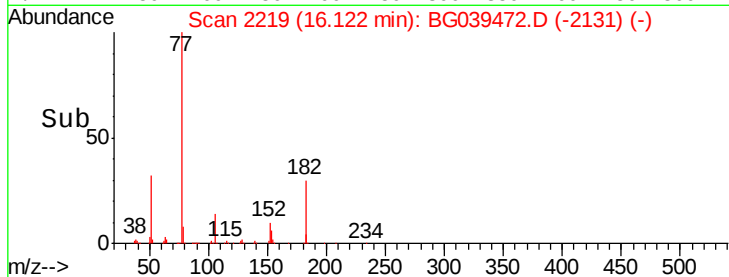
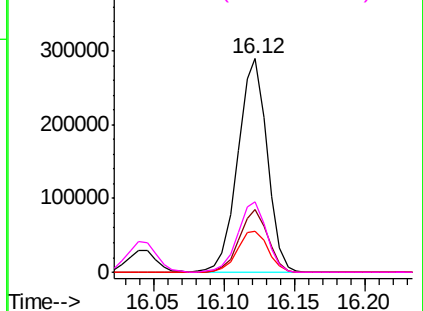
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	29.6	6.4	46.4	
105	19.3	0.0	39.8	
51	32.9	14.1	54.1	

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:54 AM



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.54 min Scan# 2460

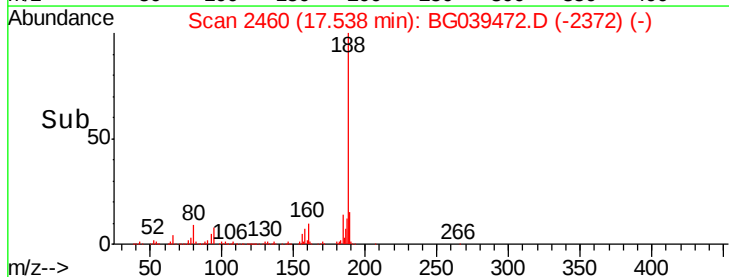
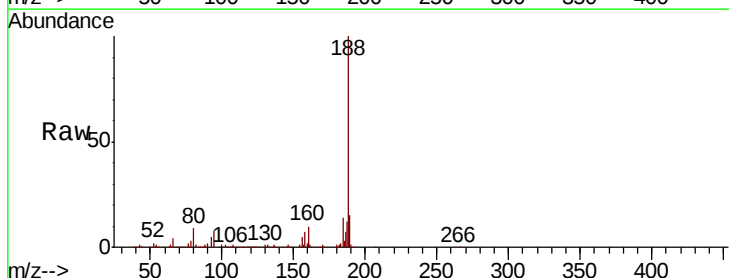
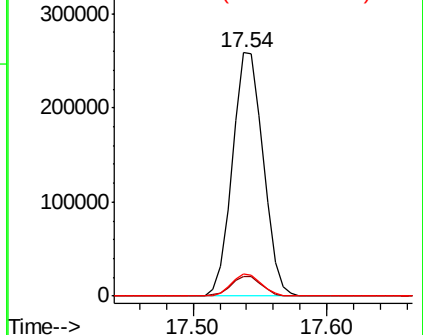
Delta R.T. -0.02 min

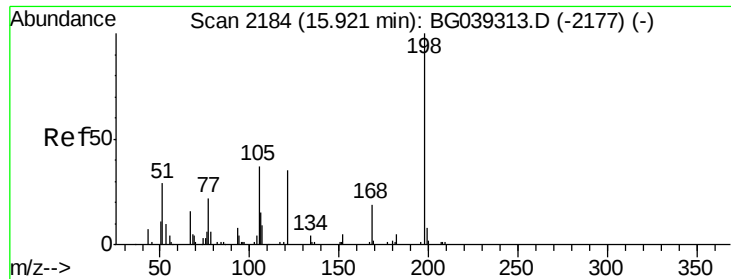
Lab File: BG039472.D

Acq: 12 Feb 2019 20:33

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.1	6.9	10.3	
80	9.0	8.1	12.1	

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





#65

4,6-Dinitro-2-methylphenol

Concen: 47.282 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG039472.D

Acq: 12 Feb 2019 20:33

Instrument :

BNA_G

ClientSampleId :

PB117058BS

Tot Ion:198 Resp: 76785

Ion Ratio Lower Upper

198 100

51 46.6 27.4 67.4

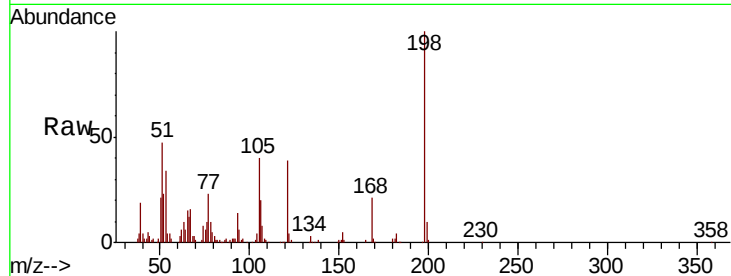
105 39.9 19.7 59.7

Manual Integrations

APPROVED

Sohil

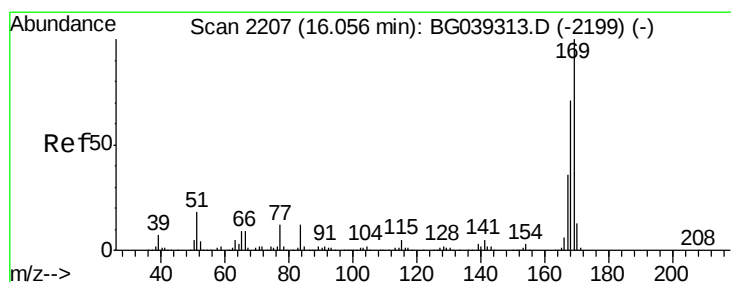
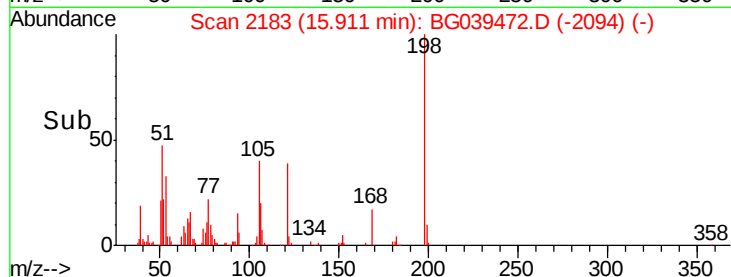
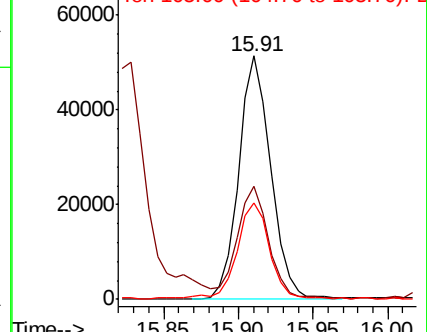
2/13/2019 9:56:54 AM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 32.318 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BG039472.D

Acq: 12 Feb 2019 20:33

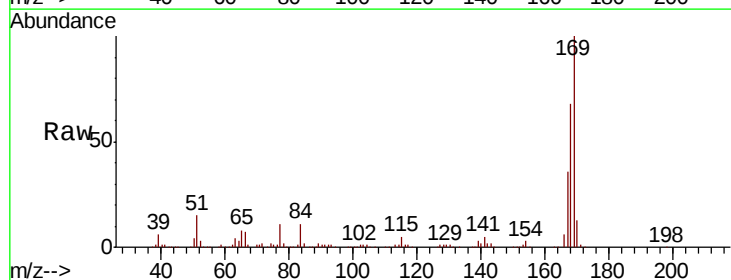
Tgt Ion:169 Resp: 407586

Ion Ratio Lower Upper

169 100

168 67.7 56.6 85.0

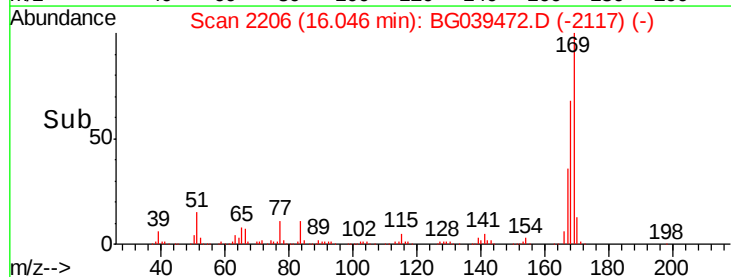
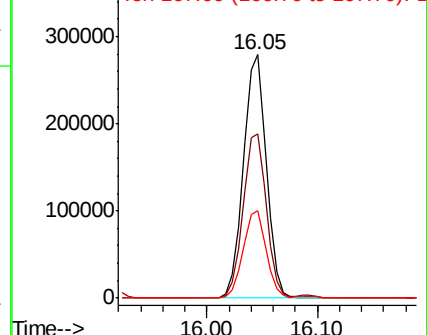
167 35.8 28.8 43.2



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





#67

4-Bromophenyl-phenylether

Concen: 32.864 ng

RT: 16.72 min Scan# 2321

Delta R.T. -0.02 min

Lab File: BG039472.D

Acq: 12 Feb 2019 20:33

Instrument :

BNA_G

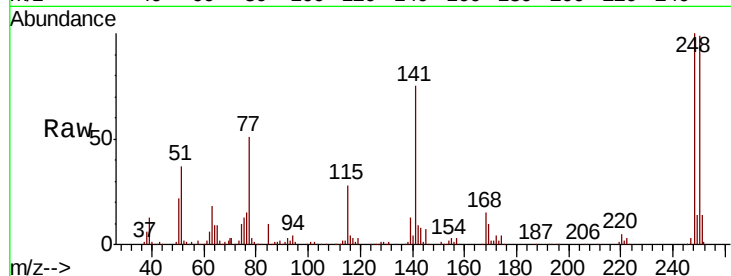
ClientSampled :

PB117058BS

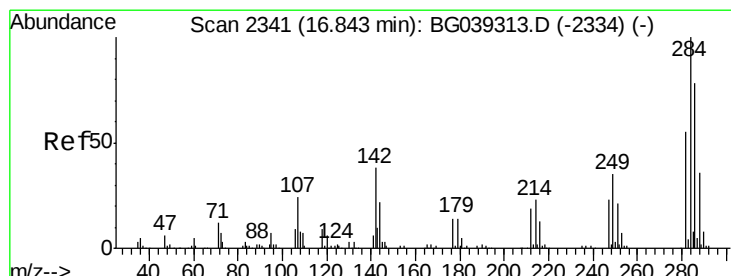
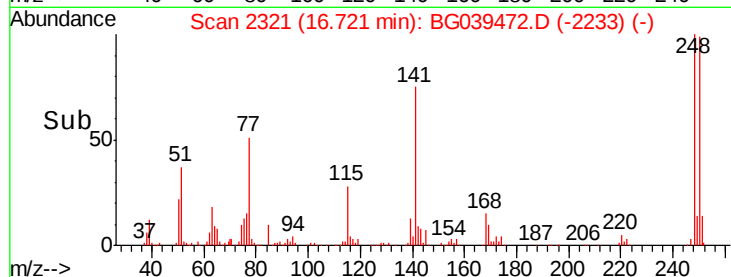
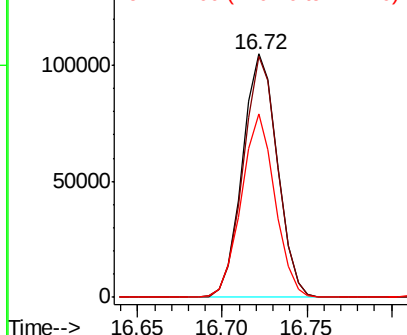
Tot Ion:	248	Resp:	151223
Ion Ratio	Lower	Upper	
248	100		
250	99.0	77.6	116.4
141	75.3	63.9	95.9

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:54 AM



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



#68

Hexachlorobenzene

Concen: 33.557 ng

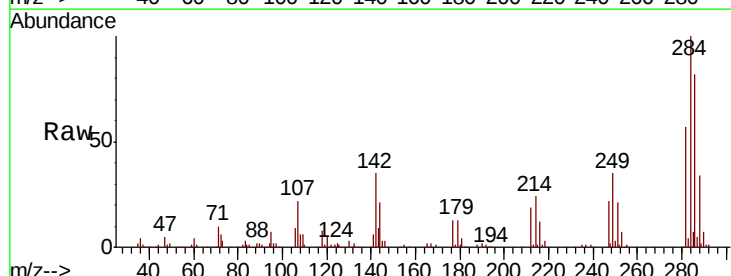
RT: 16.83 min Scan# 2340

Delta R.T. -0.01 min

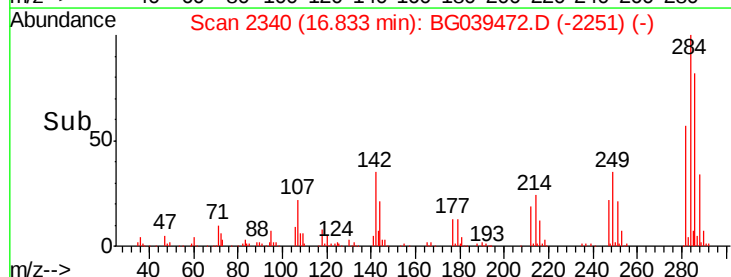
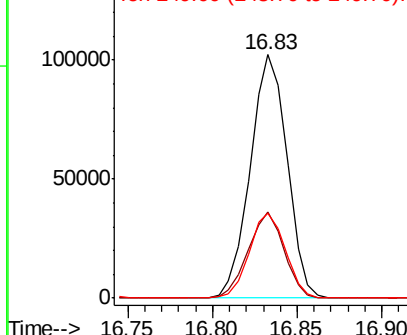
Lab File: BG039472.D

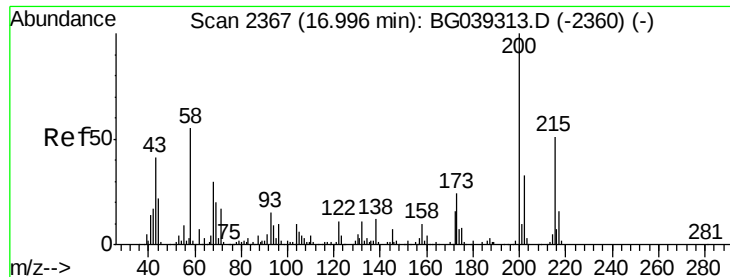
Acq: 12 Feb 2019 20:33

Tgt Ion:	284	Resp:	154920
Ion Ratio	Lower	Upper	
284	100		
142	35.4	30.6	45.8
249	34.8	28.2	42.2



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





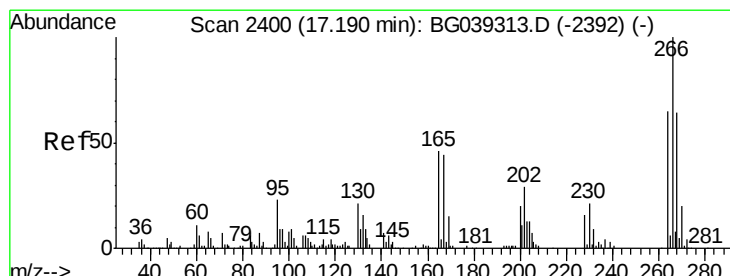
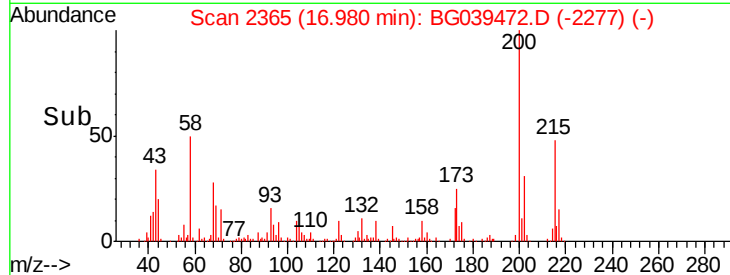
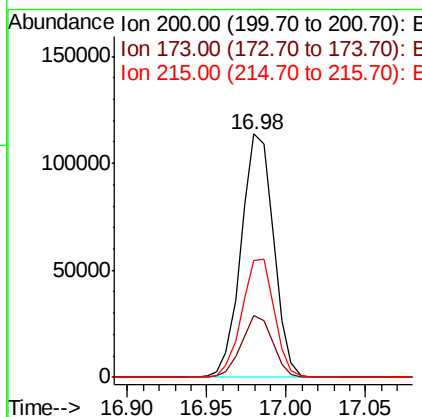
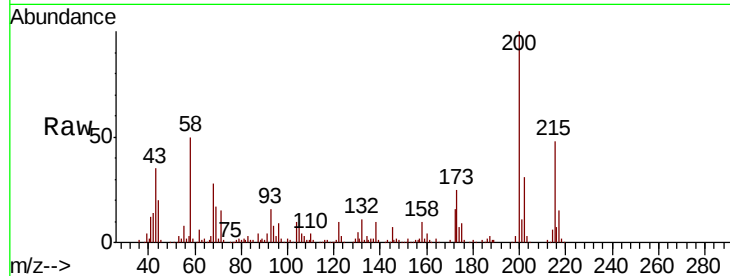
#69
 Atrazine
 Concen: 34.968 ng
 RT: 16.98 min Scan# 2365
 Delta R.T. -0.02 min
 Lab File: BG039472.D
 Acq: 12 Feb 2019 20:33

Instrument :
 BNA_G
 ClientSampleId :
 PB117058BS

Tot Ion:	200	Resp:	161162
Ion Ratio		Lower	Upper
200	100		
173	25.2	3.9	43.9
215	48.0	30.9	70.9

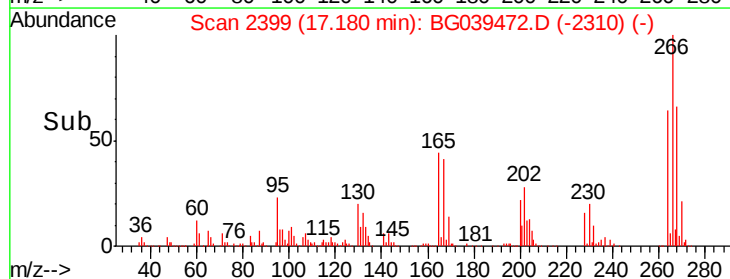
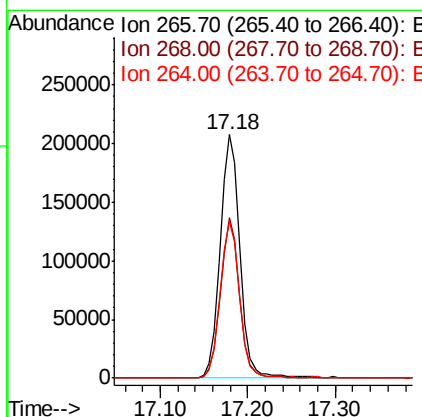
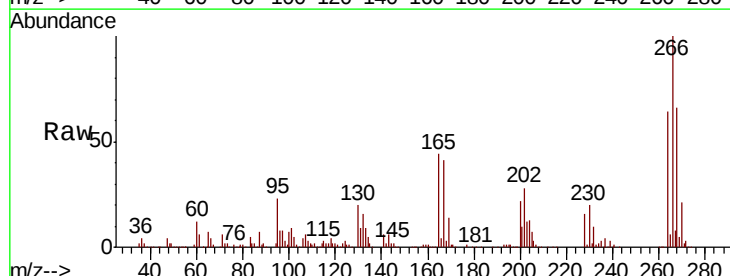
Manual Integrations
 APPROVED

Sohil
 2/13/2019 9:56:54 AM



#70
 Pentachlorophenol
 Concen: 101.250 ng
 RT: 17.18 min Scan# 2399
 Delta R.T. -0.01 min
 Lab File: BG039472.D
 Acq: 12 Feb 2019 20:33

Tgt Ion:	266	Resp:	324871
Ion Ratio		Lower	Upper
266	100		
268	65.8	51.1	76.7
264	64.3	52.1	78.1





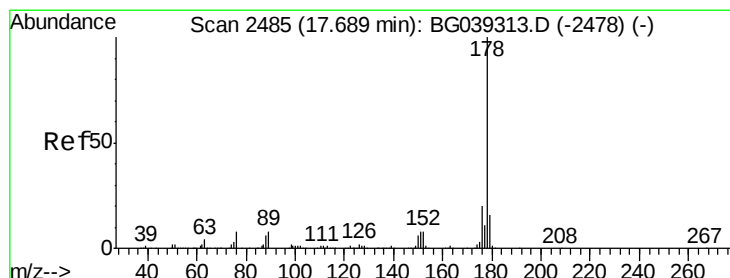
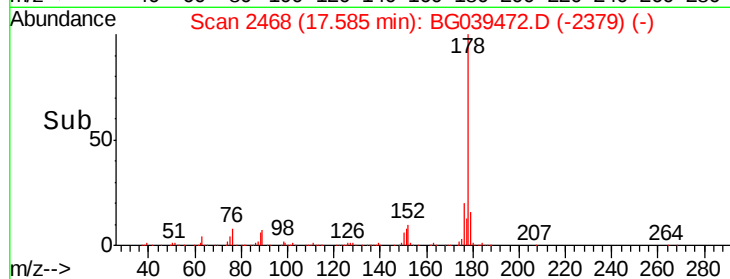
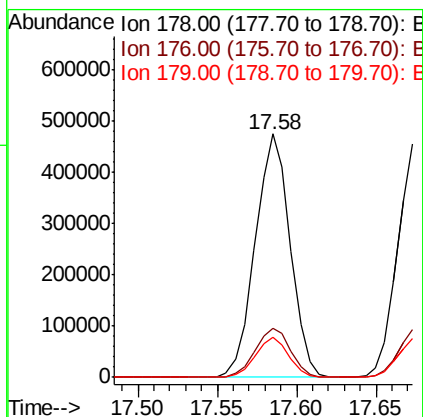
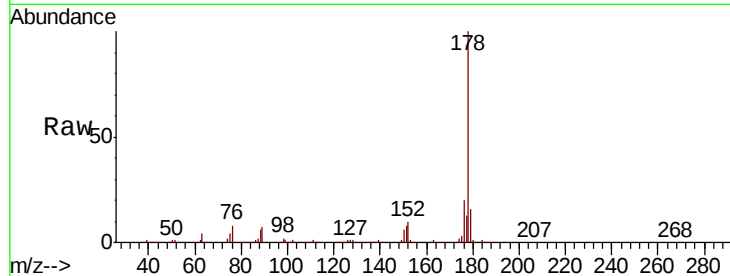
#71
Phenanthrene
Concen: 33.779 ng
RT: 17.58 min Scan# 2468
Delta R.T. -0.01 min
Lab File: BG039472.D
Acq: 12 Feb 2019 20:33

Instrument :
BNA_G
ClientSampleId :
PB117058BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.2	24.4
179	16.3	12.6	19.0

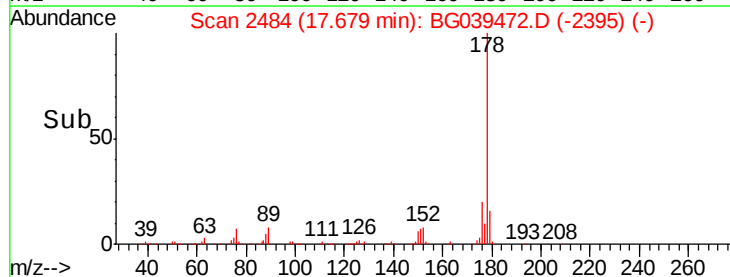
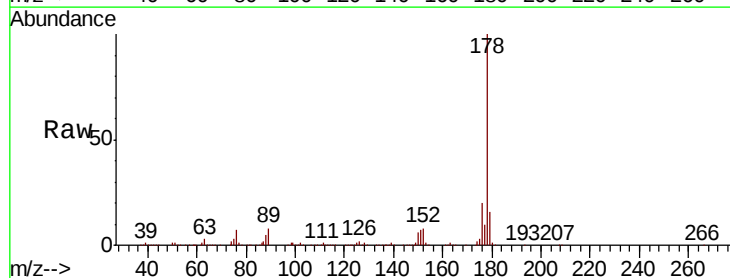
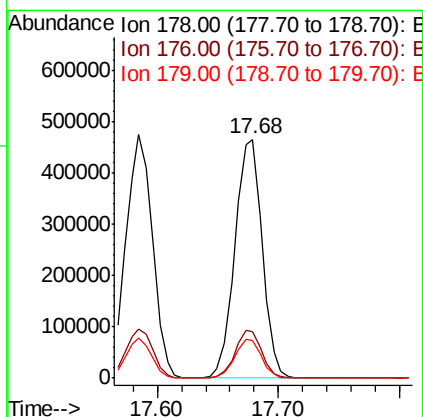
Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:54 AM



#72
Anthracene
Concen: 34.671 ng
RT: 17.68 min Scan# 2484
Delta R.T. -0.01 min
Lab File: BG039472.D
Acq: 12 Feb 2019 20:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.6
179	15.9	12.5	18.7





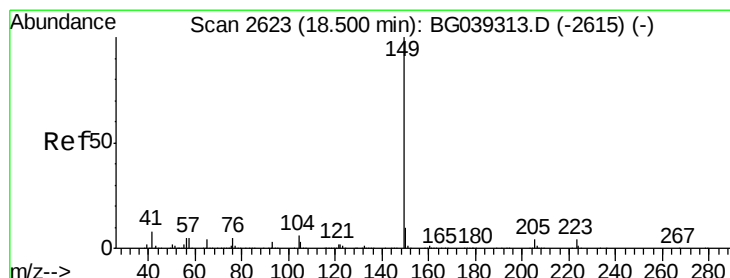
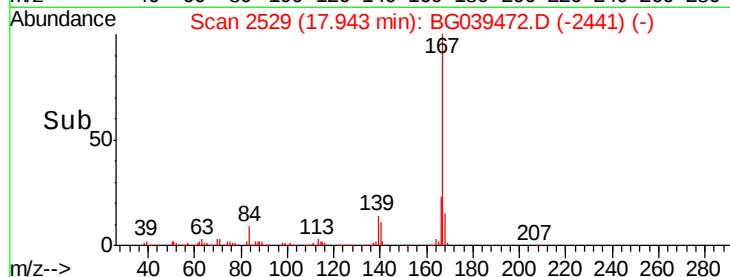
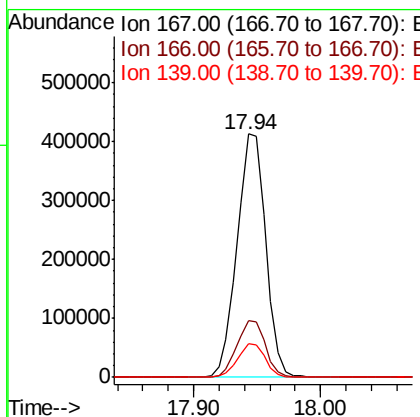
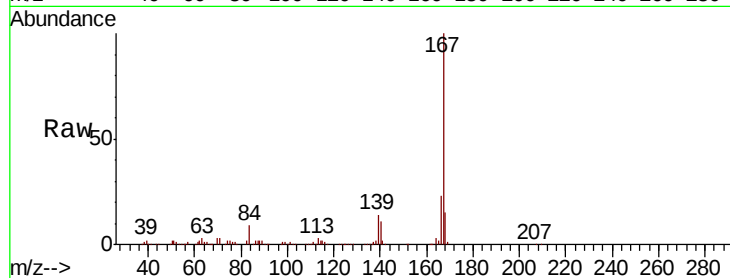
#73
 Carbazole
 Concen: 30.602 ng
 RT: 17.94 min Scan# 2529
 Delta R.T. -0.02 min
 Lab File: BG039472.D
 Acq: 12 Feb 2019 20:33

Instrument :
 BNA_G
 ClientSampleId :
 PB117058BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.5	19.4	29.2
139	14.0	10.8	16.2

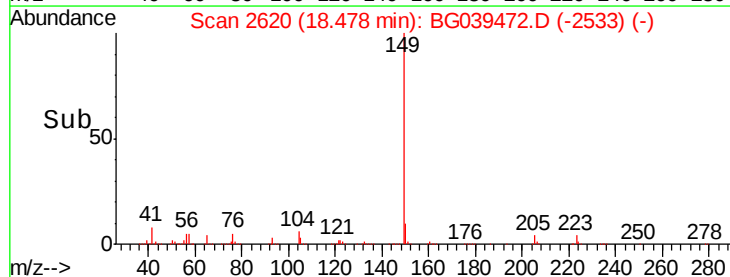
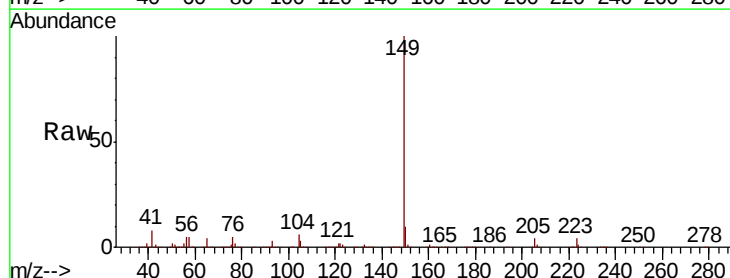
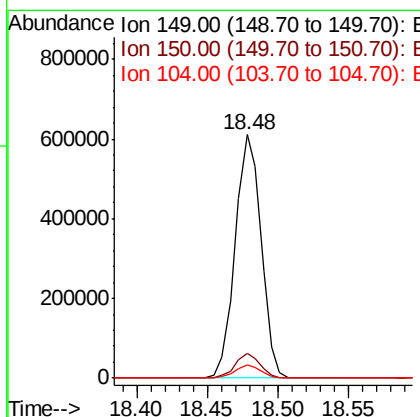
Manual Integrations
 APPROVED

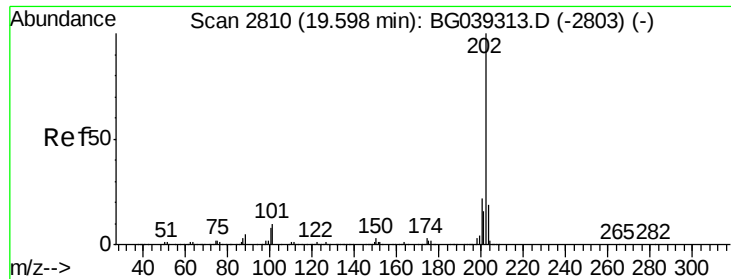
Sohil
 2/13/2019 9:56:54 AM



#74
 Di-n-butylphthalate
 Concen: 31.658 ng
 RT: 18.48 min Scan# 2620
 Delta R.T. -0.02 min
 Lab File: BG039472.D
 Acq: 12 Feb 2019 20:33

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.7	11.5
104	5.7	4.5	6.7





#75

Fluoranthene

Concen: 34.528 ng

RT: 19.58 min Scan# 2808

Delta R.T. -0.02 min

Lab File: BG039472.D

Acq: 12 Feb 2019 20:33

Instrument :

BNA_G

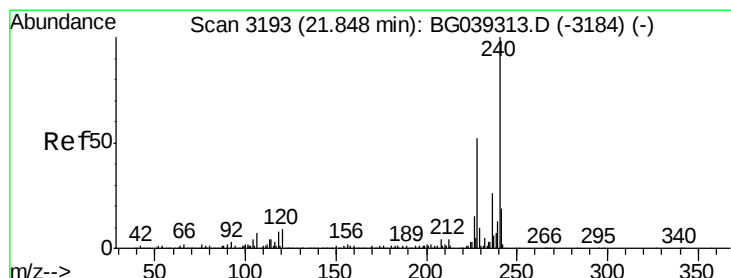
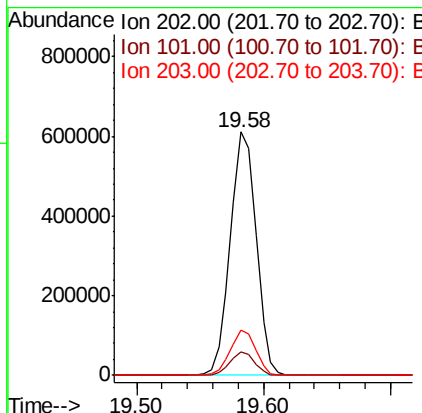
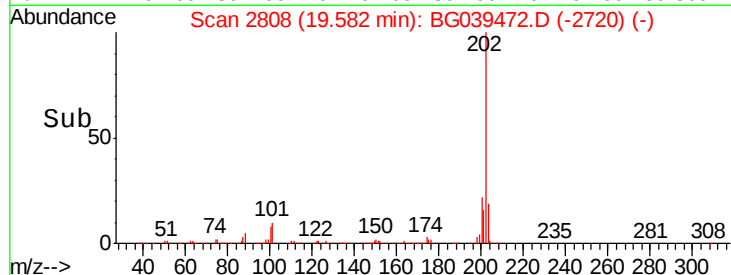
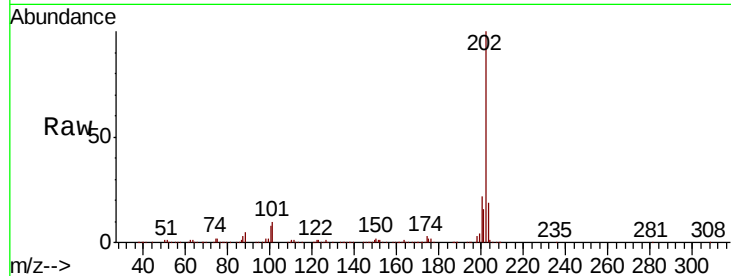
ClientSampleId :

PB117058BS

Tot Ion:	202	Resp:	860324
Ion Ratio		Lower	Upper
202	100		
101	9.8	0.0	30.0
203	18.5	0.0	38.9

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:54 AM



#76

Chrysene-d12

Concen: 20.000 ng

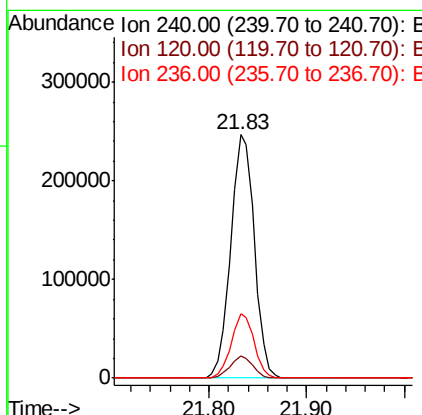
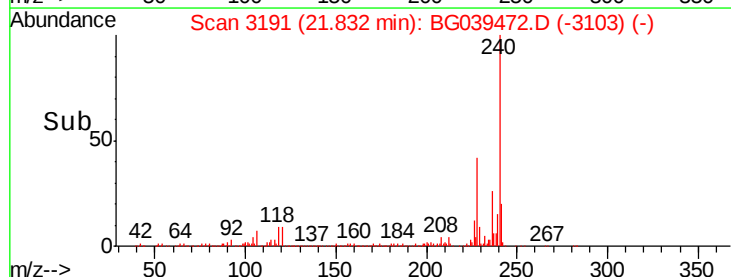
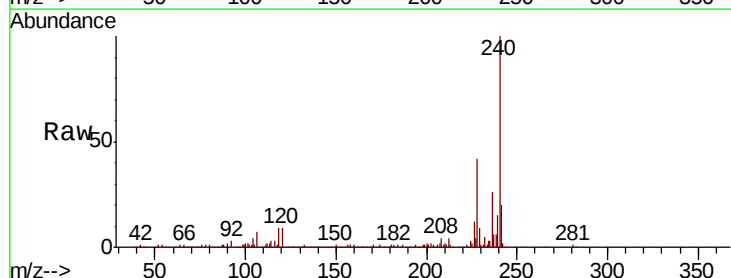
RT: 21.83 min Scan# 3191

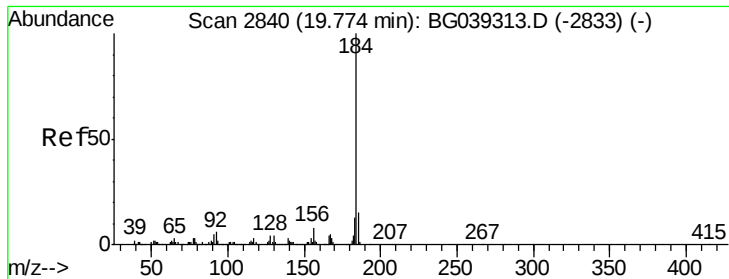
Delta R.T. -0.02 min

Lab File: BG039472.D

Acq: 12 Feb 2019 20:33

Tgt Ion:	240	Resp:	413371
Ion Ratio		Lower	Upper
240	100		
120	8.9	7.0	10.6
236	26.5	21.0	31.4





#77

Benzidine

Concen: 13.735 ng

RT: 19.76 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BG039472.D

Acq: 12 Feb 2019 20:33

Instrument :

BNA_G

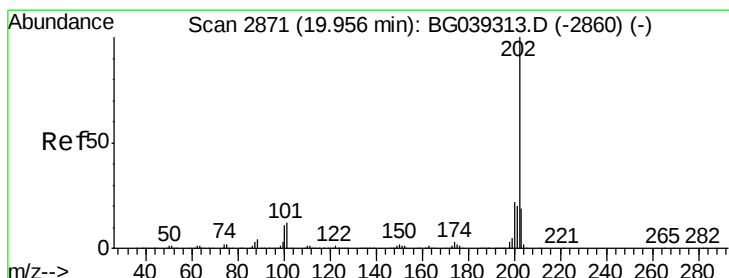
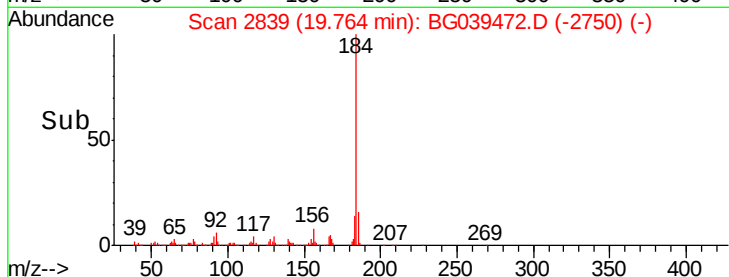
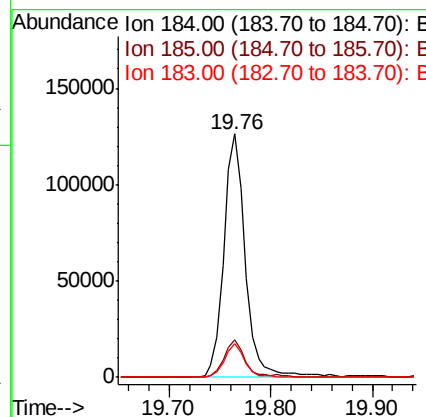
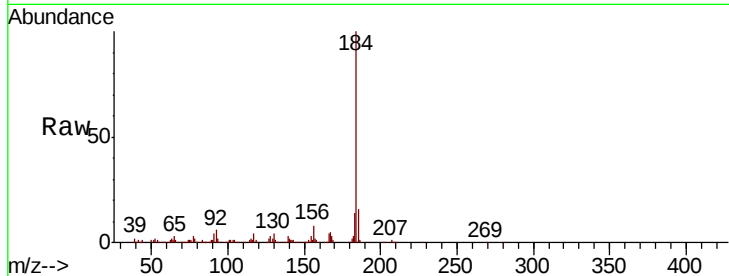
ClientSampleId :

PB117058BS

Tot Ion:	184	Resp:	186150
Ion Ratio		Lower	Upper
184	100		
185	15.5	12.2	18.2
183	13.6	10.6	15.8

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:54 AM



#78

Pyrene

Concen: 33.533 ng

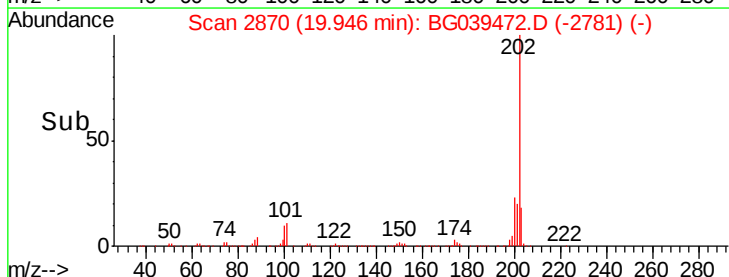
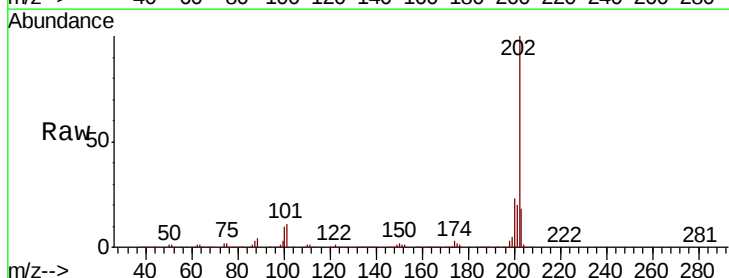
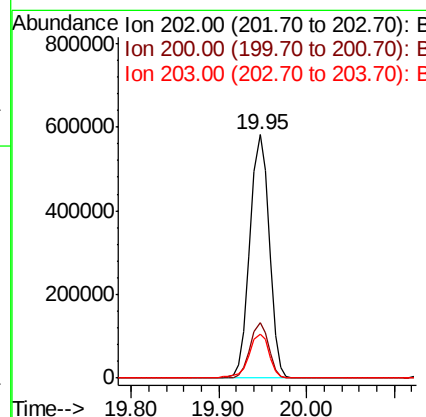
RT: 19.95 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BG039472.D

Acq: 12 Feb 2019 20:33

Tgt Ion:	202	Resp:	862924
Ion Ratio		Lower	Upper
202	100		
200	22.8	17.8	26.8
203	18.2	15.3	22.9





#79

Terphenyl-d14

Concen: 64.054 ng

RT: 20.13 min Scan# 2902

Delta R.T. -0.02 min

Lab File: BG039472.D

Acq: 12 Feb 2019 20:33

Instrument :

BNA_G

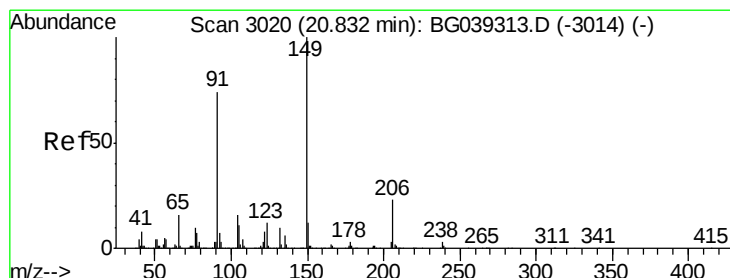
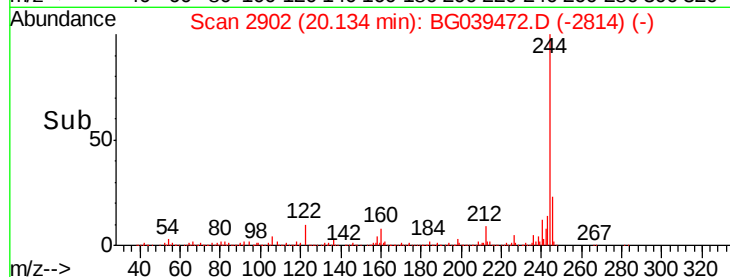
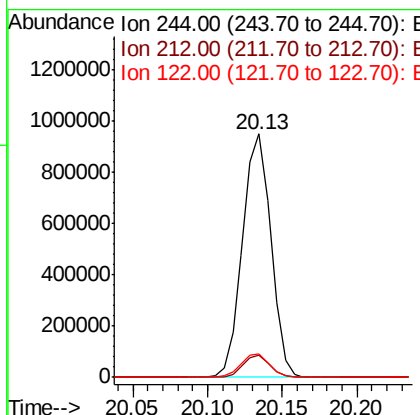
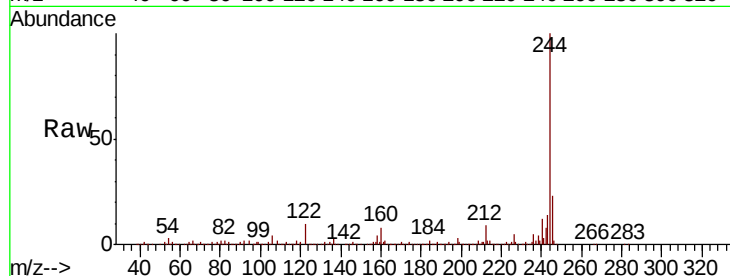
ClientSampleId :

PB117058BS

Tot Ion:	244	Resp:	1250929
Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.3	10.9
122	9.5	8.4	12.6

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:54 AM



#80

Butylbenzylphthalate

Concen: 33.870 ng

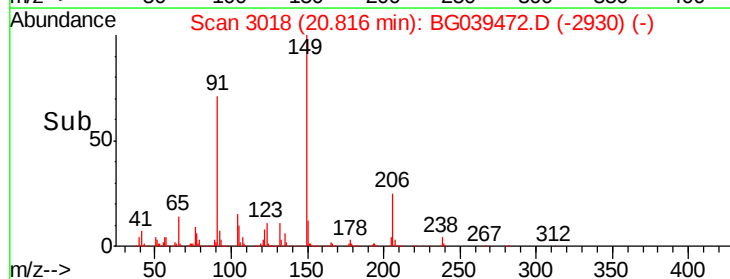
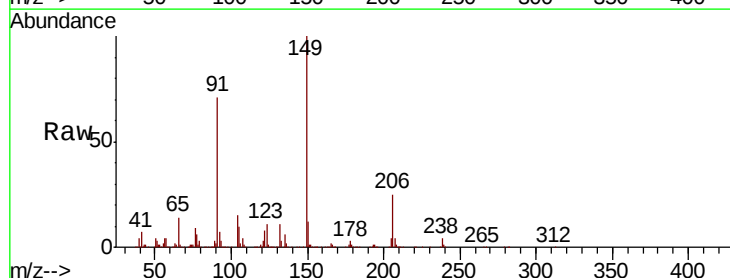
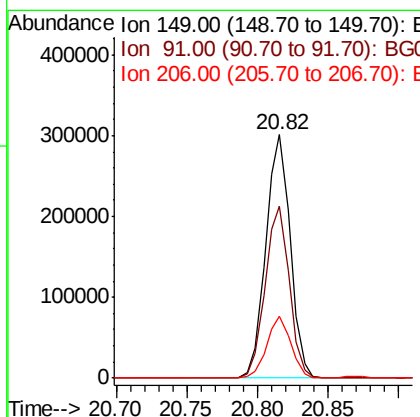
RT: 20.82 min Scan# 3018

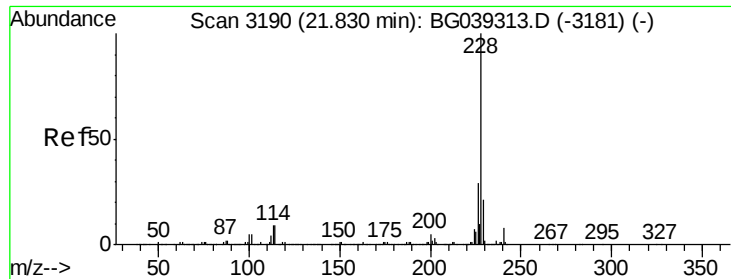
Delta R.T. -0.02 min

Lab File: BG039472.D

Acq: 12 Feb 2019 20:33

Tgt Ion:	149	Resp:	367671
Ion	Ratio	Lower	Upper
149	100		
91	70.6	59.5	89.3
206	25.3	18.6	27.8





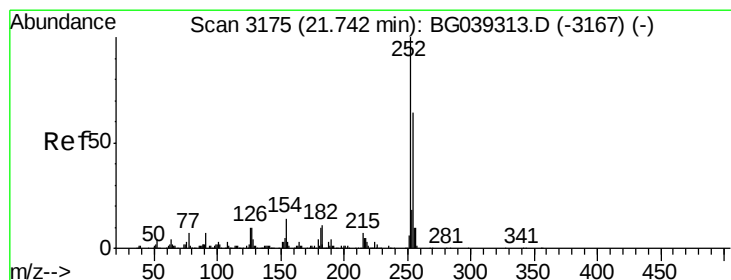
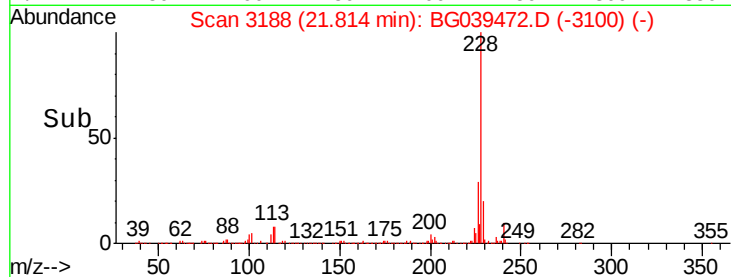
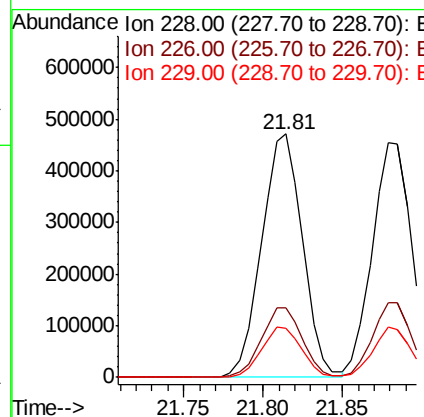
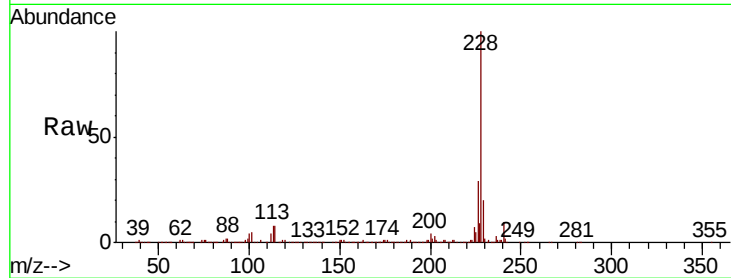
#81
Benzo(a)anthracene
Concen: 34.576 ng
RT: 21.81 min Scan# 3188
Delta R.T. -0.02 min
Lab File: BG039472.D
Acq: 12 Feb 2019 20:33

Instrument :
BNA_G
ClientSampleId :
PB117058BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.0	34.6
229	20.4	16.9	25.3

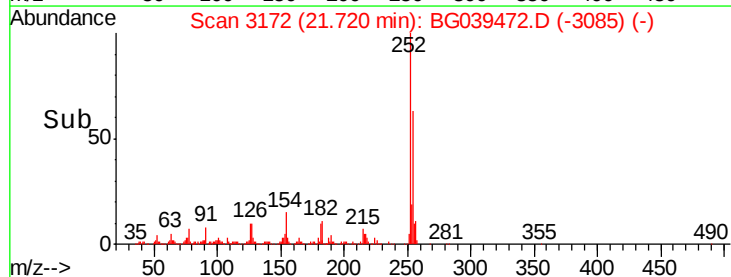
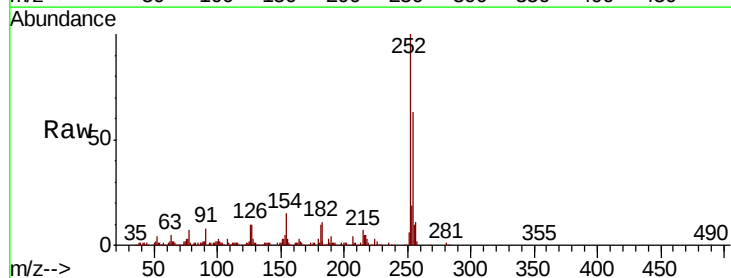
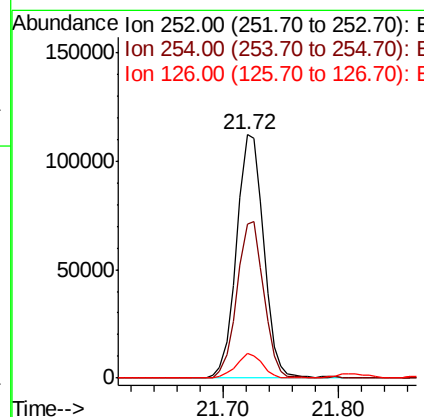
Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:54 AM



#82
3,3'-Dichlorobenzidine
Concen: 20.209 ng
RT: 21.72 min Scan# 3172
Delta R.T. -0.02 min
Lab File: BG039472.D
Acq: 12 Feb 2019 20:33

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.2	51.3	76.9
126	10.1	8.0	12.0





#83

Chrysene

Concen: 33.781 ng

RT: 21.88 min Scan# 3199

Delta R.T. -0.02 min

Lab File: BG039472.D

Acq: 12 Feb 2019 20:33

Instrument :

BNA_G

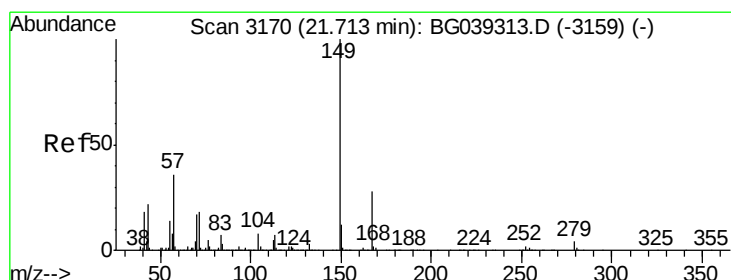
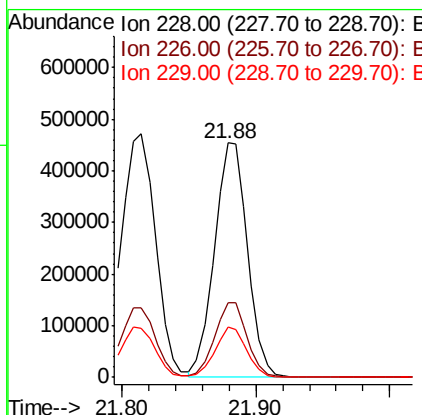
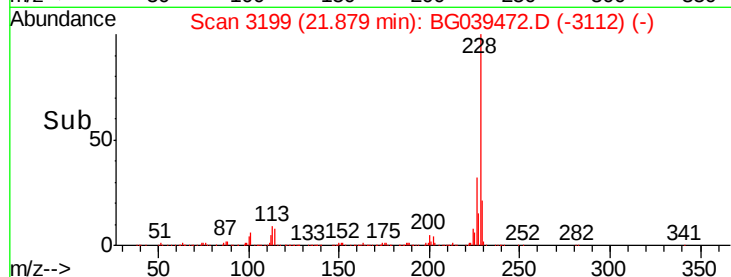
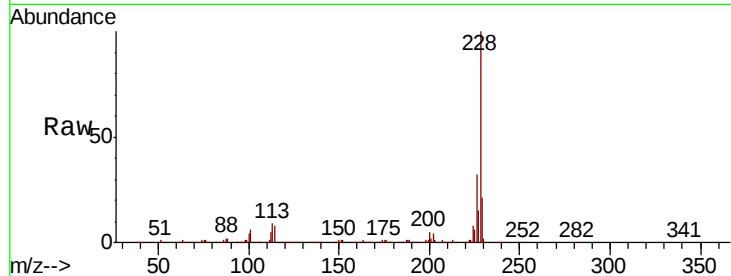
ClientSampleId :

PB117058BS

Tot Ion:	228	Resp:	785471
Ion Ratio	Lower	Upper	
228	100		
226	31.8	25.8	38.6
229	21.4	16.6	25.0

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:54 AM



#84

Bis(2-ethylhexyl)phthalate

Concen: 32.777 ng

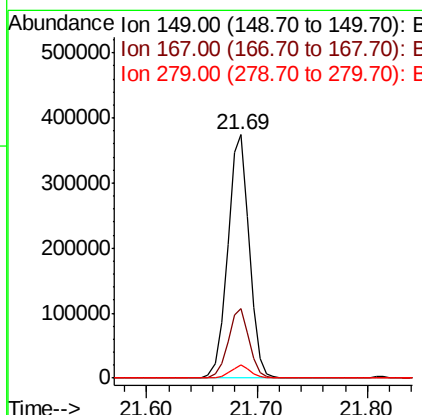
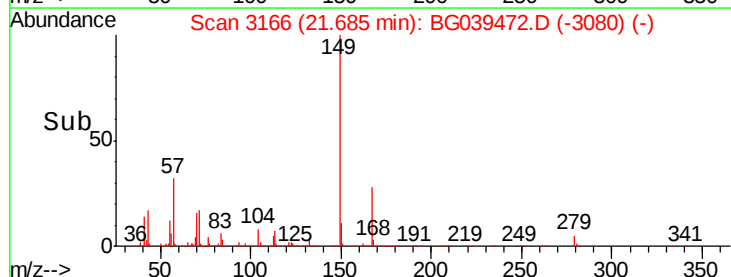
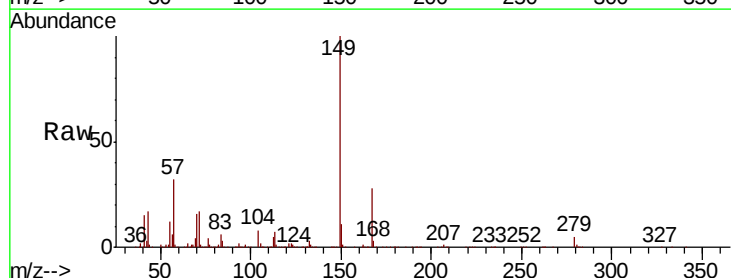
RT: 21.69 min Scan# 3166

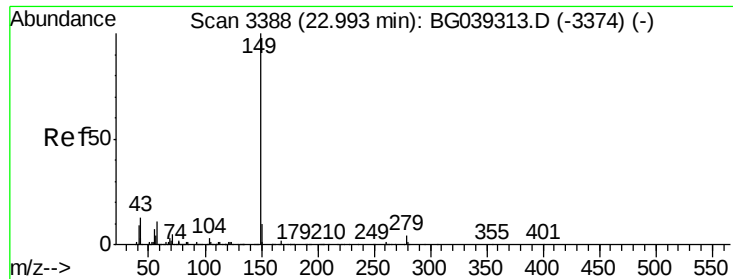
Delta R.T. -0.03 min

Lab File: BG039472.D

Acq: 12 Feb 2019 20:33

Tgt Ion:	149	Resp:	507607
Ion Ratio	Lower	Upper	
149	100		
167	28.3	22.6	34.0
279	5.2	3.5	5.3





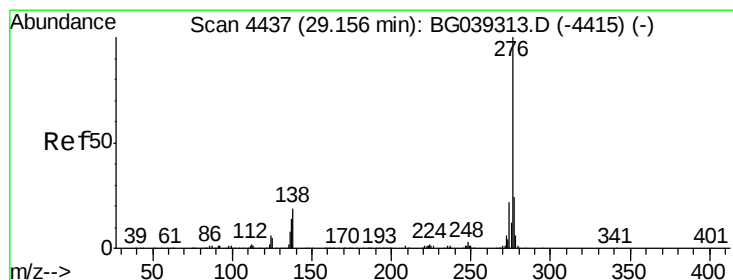
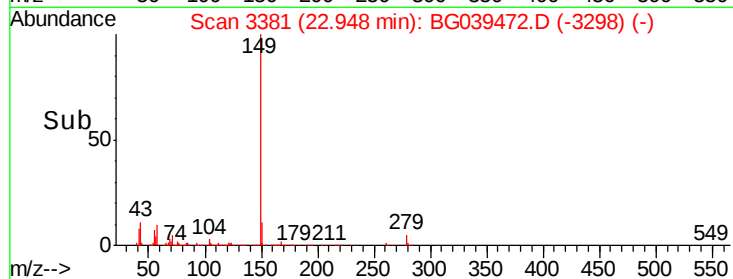
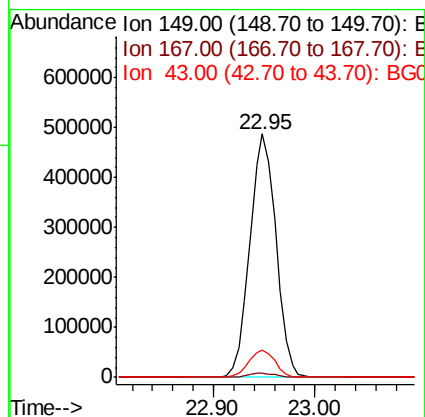
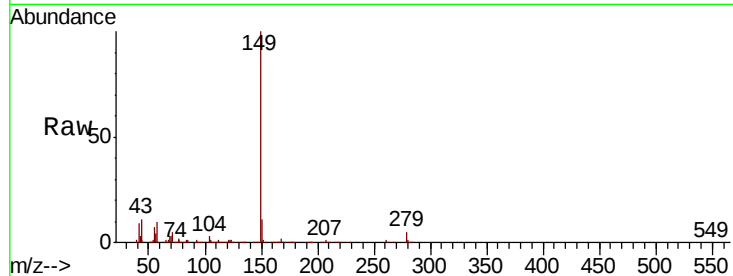
#85
Di-n-octyl phthalate
Concen: 33.964 ng
RT: 22.95 min Scan# 3381
Delta R.T. -0.05 min
Lab File: BG039472.D
Acq: 12 Feb 2019 20:33

Instrument :
BNA_G
ClientSampleId :
PB117058BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.7	1.3	1.9	
43	11.2	10.2	15.4	

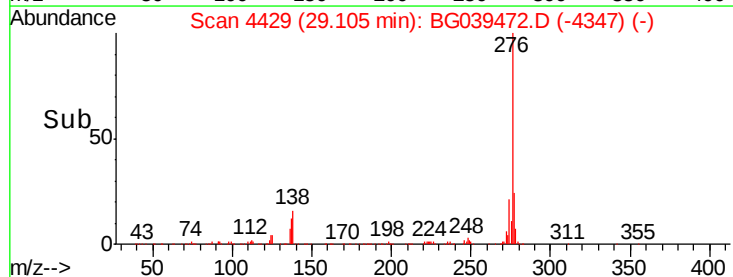
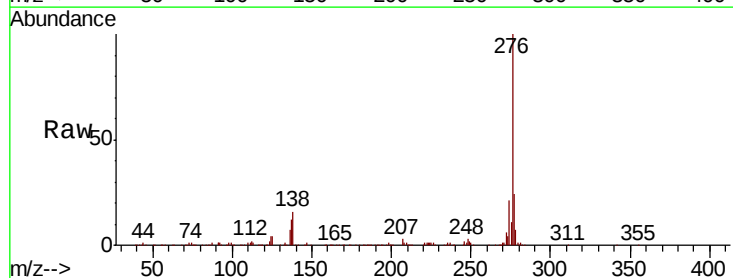
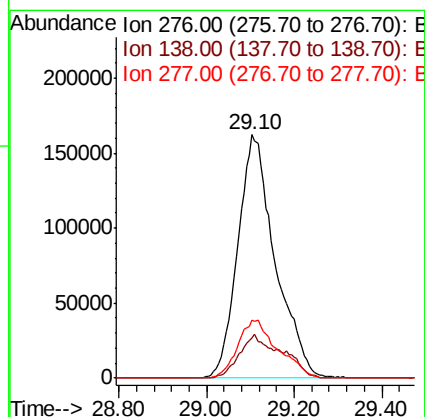
Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:54 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 37.530 ng
RT: 29.10 min Scan# 4429
Delta R.T. -0.05 min
Lab File: BG039472.D
Acq: 12 Feb 2019 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	20.4	12.6	19.0#	
277	25.8	20.8	31.2	





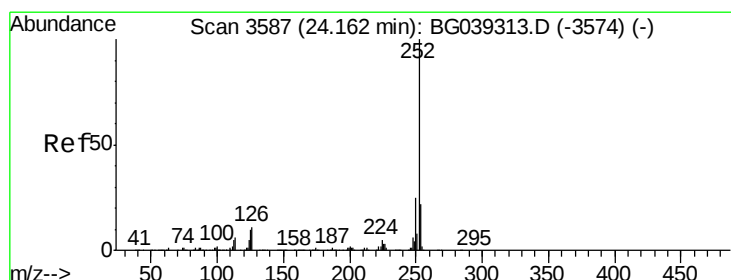
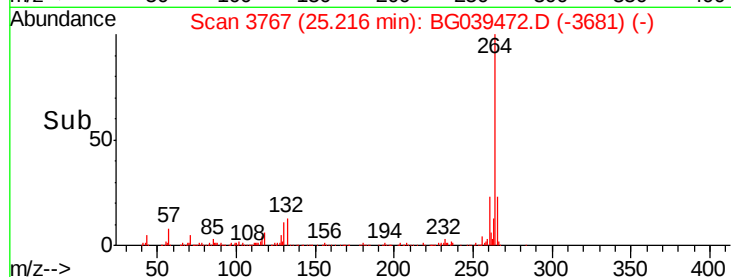
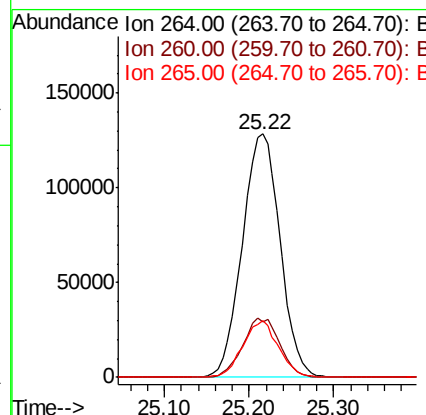
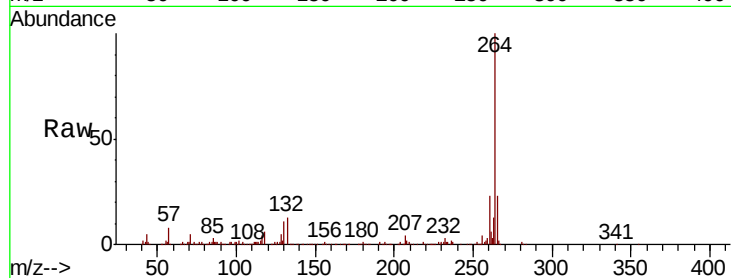
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.22 min Scan# 3767
Delta R.T. -0.03 min
Lab File: BG039472.D
Acq: 12 Feb 2019 20:33

Instrument :
BNA_G
ClientSampleId :
PB117058BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.4
265	23.2	18.5	27.7

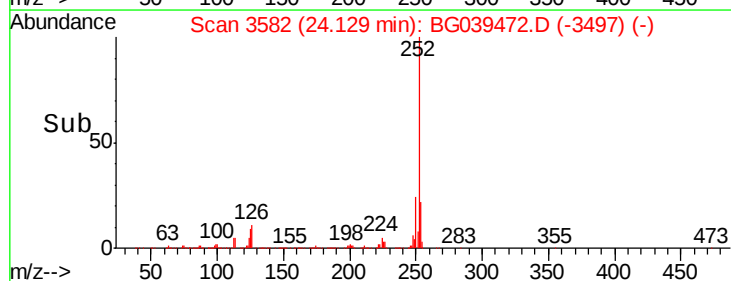
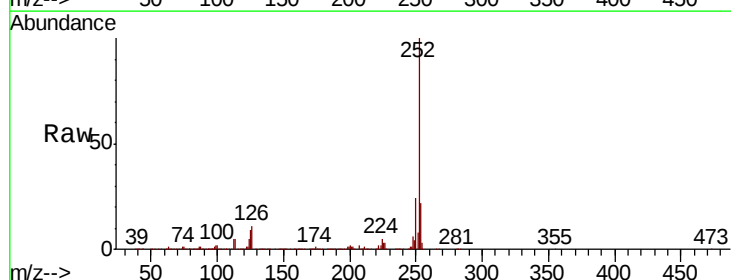
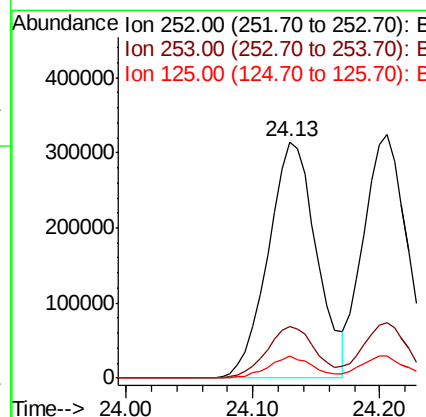
Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:54 AM



#88
Benzo(b)fluoranthene
Concen: 38.489 ng
RT: 24.13 min Scan# 3582
Delta R.T. -0.03 min
Lab File: BG039472.D
Acq: 12 Feb 2019 20:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	9.2	7.8	11.6





#89

Benzo(k)fluoranthene

Concen: 35.299 ng

RT: 24.21 min Scan# 3595

Delta R.T. -0.03 min

Lab File: BG039472.D

Acq: 12 Feb 2019 20:33

Instrument :

BNA_G

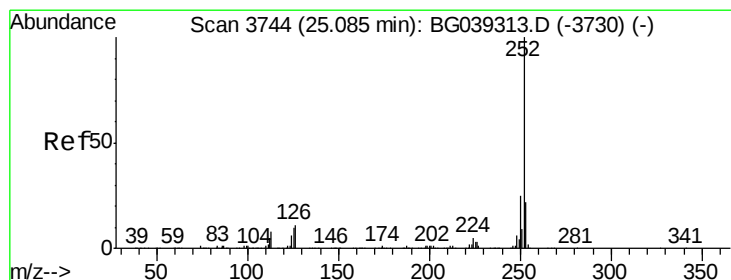
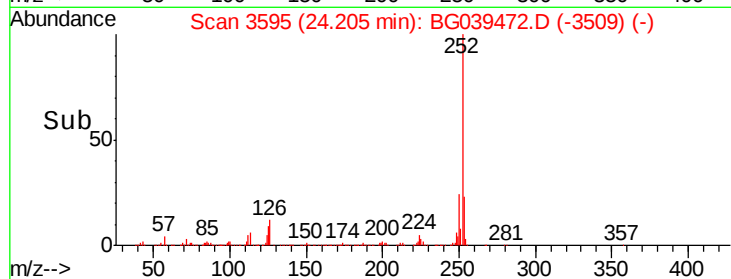
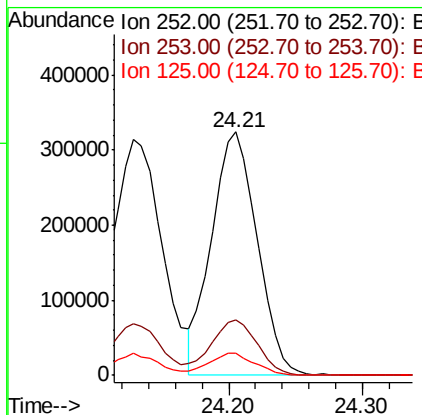
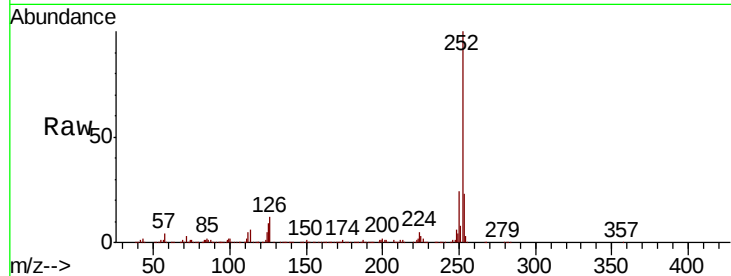
ClientSampleId :

PB117058BS

Tot Ion:	252	Resp:	770750
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.2	27.2
125	8.9	7.4	11.2

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:54 AM



#90

Benzo(a)pyrene

Concen: 38.245 ng

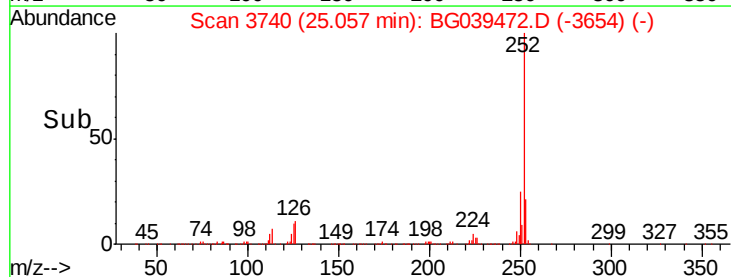
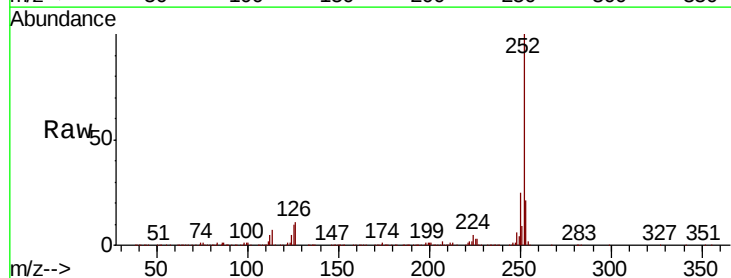
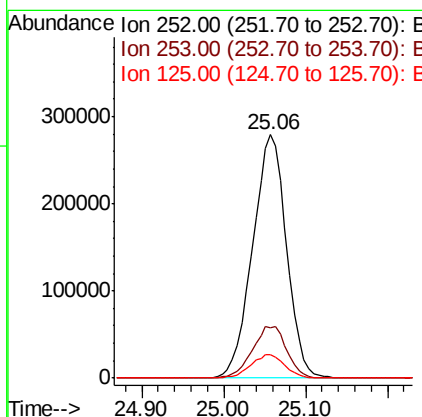
RT: 25.06 min Scan# 3740

Delta R.T. -0.03 min

Lab File: BG039472.D

Acq: 12 Feb 2019 20:33

Tgt Ion:	252	Resp:	801051
Ion Ratio	Lower	Upper	
252	100		
253	20.7	17.9	26.9
125	9.8	8.3	12.5





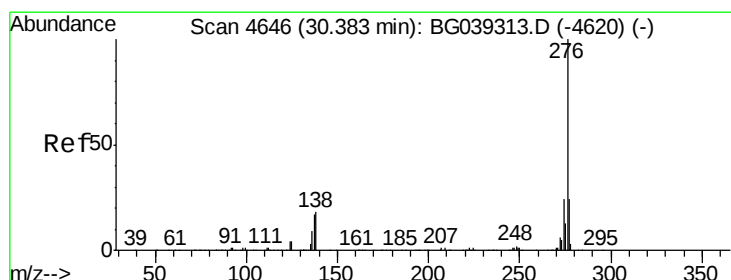
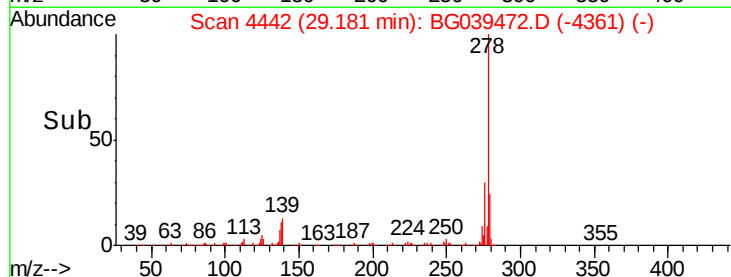
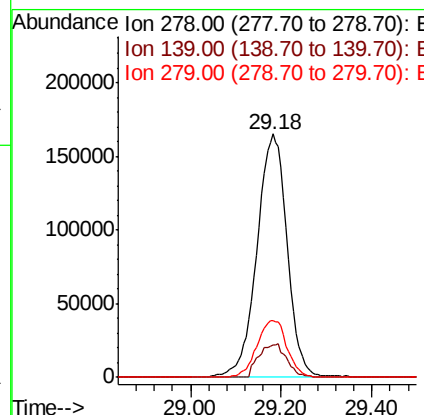
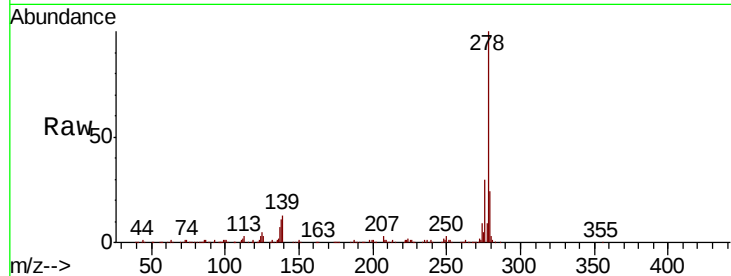
#91
Dibenzo(a,h)anthracene
Concen: 38.841 ng
RT: 29.18 min Scan# 4442
Delta R.T. -0.06 min
Lab File: BG039472.D
Acq: 12 Feb 2019 20:33

Instrument :
BNA_G
ClientSampleId :
PB117058BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.4	11.7	17.5
279	23.6	19.1	28.7

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:54 AM



#92
Benzo(g,h,i)perylene
Concen: 39.479 ng
RT: 30.34 min Scan# 4639
Delta R.T. -0.05 min
Lab File: BG039472.D
Acq: 12 Feb 2019 20:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.6	29.4
138	19.0	14.7	22.1

