

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030719\
 Data File : BG039802.D
 Acq On : 7 Mar 2019 14:53
 Operator : JU/SJ
 Sample : PB117686BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117686BS

Manual Integrations
 APPROVED

Sohil
 3/8/2019 10:48:43 AM

Quant Time: Mar 08 01:34:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	42487	20.00	ng	-0.02
21) Naphthalene-d8	10.98	136	191092	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	136347	20.00	ng	-0.01
64) Phenanthrene-d10	17.53	188	338020	20.00	ng	0.00
76) Chrysene-d12	21.82	240	332093	20.00	ng	-0.01
87) Perylene-d12	25.18	264	318682	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	361607	145.20	ng	-0.01
7) Phenol-d6	7.30	99	510475	137.47	ng	-0.01
23) Nitrobenzene-d5	9.33	82	273347	77.36	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	214139	134.74	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	684322	71.46	ng	-0.01
79) Terphenyl-d14	20.12	244	1126735	74.70	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.59	88	40401	35.138	ng	96
3) Pyridine	3.99	79	98330	31.945	ng	96
4) n-Nitrosodimethylamine	3.91	42	56047	38.382	ng	92
6) Aniline	7.48	93	140836	28.949	ng	99
8) 2-Chlorophenol	7.72	128	129164	42.750	ng	93
9) Benzaldehyde	7.29	77	79792	33.311	ng	93
10) Phenol	7.33	94	176196	43.800	ng	97
11) bis(2-Chloroethyl)ether	7.57	93	117725	37.535	ng	98
12) 1,3-Dichlorobenzene	8.04	146	127631	37.351	ng	97
13) 1,4-Dichlorobenzene	8.19	146	130915	37.613	ng	99
14) 1,2-Dichlorobenzene	8.51	146	126066	37.487	ng	98
15) Benzyl Alcohol	8.39	79	120585	40.937	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.67	45	231546	36.912	ng	99
17) 2-Methylphenol	8.59	107	114210	44.525	ng	97
18) Hexachloroethane	9.24	117	45982	36.818	ng	94
19) n-Nitroso-di-n-propylamine	8.96	70	99958	37.398	ng	93
20) 3+4-Methylphenols	8.92	107	155241	43.565	ng	99
22) Acetophenone	8.98	105	188049	36.665	ng	# 95
24) Nitrobenzene	9.37	77	146241	39.454	ng	95
25) Isophorone	9.89	82	283200	38.253	ng	99
26) 2-Nitrophenol	10.09	139	74074	41.391	ng	95
27) 2,4-Dimethylphenol	10.13	122	136021	48.870	ng	98
28) bis(2-Chloroethoxy)methane	10.37	93	170247	37.841	ng	96
29) 2,4-Dichlorophenol	10.61	162	142563	45.493	ng	94
30) 1,2,4-Trichlorobenzene	10.83	180	140041	39.713	ng	98
31) Naphthalene	11.03	128	396365	39.176	ng	99
32) Benzoic acid	10.26	122	82001	43.608	ng	94
33) 4-Chloroaniline	11.14	127	105520	24.595	ng	99
34) Hexachlorobutadiene	11.29	225	89322	37.068	ng	95
35) Caprolactam	11.92	113	49938m	41.717	ng	
36) 4-Chloro-3-methylphenol	12.24	107	155314	43.235	ng	96
37) 2-Methylnaphthalene	12.62	142	305577	40.398	ng	99
38) 1-Methylnaphthalene	12.84	142	291742	39.688	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	170208	36.849	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030719\
 Data File : BG039802.D
 Acq On : 7 Mar 2019 14:53
 Operator : JU/SJ
 Sample : PB117686BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117686BS

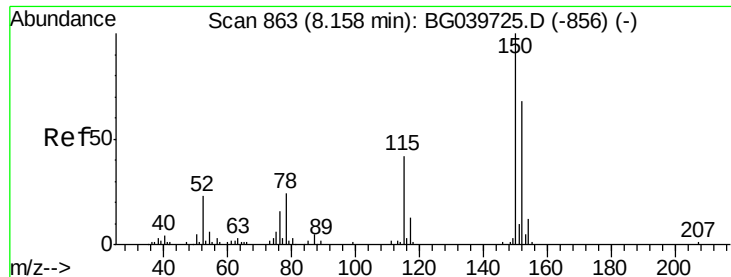
Manual Integrations
 APPROVED

Sohil
 3/8/2019 10:48:43 AM

Quant Time: Mar 08 01:34:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	209724	84.724	ng	99
43) 2,4,6-Trichlorophenol	13.22	196	119571	44.216	ng	98
44) 2,4,5-Trichlorophenol	13.29	196	130317	42.752	ng	98
46) 1,1'-Biphenyl	13.62	154	423048	37.724	ng	98
47) 2-Chloronaphthalene	13.66	162	329519	39.059	ng	99
48) 2-Nitroaniline	13.87	65	113352	41.809	ng	93
49) Acenaphthylene	14.51	152	520929	37.614	ng	98
50) Dimethylphthalate	14.23	163	441671	38.739	ng	100
51) 2,6-Dinitrotoluene	14.36	165	99835	41.305	ng	94
52) Acenaphthene	14.84	154	315519	37.852	ng	98
53) 3-Nitroaniline	14.69	138	71539	29.445	ng	# 95
54) 2,4-Dinitrophenol	14.90	184	101825	67.671	ng	92
55) Dibenzofuran	15.18	168	524873	38.379	ng	99
56) 4-Nitrophenol	14.99	139	176337	81.133	ng	87
57) 2,4-Dinitrotoluene	15.14	165	141742	41.736	ng	# 89
58) Fluorene	15.82	166	422793	39.325	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	132716	44.581	ng	98
60) Diethylphthalate	15.58	149	453116	40.147	ng	99
61) 4-Chlorophenyl-phenylether	15.81	204	226451	39.471	ng	98
62) 4-Nitroaniline	15.86	138	105154	39.922	ng	95
63) Azobenzene	16.11	77	403318	39.422	ng	98
65) 4,6-Dinitro-2-methylphenol	15.90	198	79490	39.773	ng	96
66) n-Nitrosodiphenylamine	16.03	169	388585	39.709	ng	99
67) 4-Bromophenyl-phenylether	16.71	248	145227	38.383	ng	95
68) Hexachlorobenzene	16.82	284	153028	39.019	ng	97
69) Atrazine	16.96	200	156894	40.738	ng	95
70) Pentachlorophenol	17.16	266	192644	77.776	ng	99
71) Phenanthrene	17.57	178	715311	38.419	ng	99
72) Anthracene	17.66	178	724451	39.929	ng	99
73) Carbazole	17.93	167	633379	38.723	ng	100
74) Di-n-butylphthalate	18.46	149	784407	40.760	ng	100
75) Fluoranthene	19.57	202	854412	38.830	ng	99
77) Benzidine	19.75	184	354433	33.633	ng	97
78) Pyrene	19.93	202	829389	38.434	ng	99
80) Butylbenzylphthalate	20.80	149	355665	42.541	ng	94
81) Benzo(a)anthracene	21.79	228	792051	38.055	ng	99
82) 3,3'-Dichlorobenzidine	21.70	252	210911	27.756	ng	99
83) Chrysene	21.86	228	762382	37.783	ng	100
84) Bis(2-ethylhexyl)phthalate	21.66	149	494867	42.122	ng	100
85) Di-n-octyl phthalate	22.91	149	848231	43.604	ng	96
86) Indeno(1,2,3-cd)pyrene	29.07	276	909460	39.730	ng	99
88) Benzo(b)fluoranthene	24.11	252	806057	42.416	ng	98
89) Benzo(k)fluoranthene	24.18	252	756352	42.757	ng	100
90) Benzo(a)pyrene	25.02	252	767644	43.714	ng	99
91) Dibenzo(a,h)anthracene	29.13	278	735682	42.734	ng	97
92) Benzo(g,h,i)perylene	30.28	276	747572	43.237	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.15 min Scan# 862

Delta R.T. -0.02 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

Instrument :

BNA_G

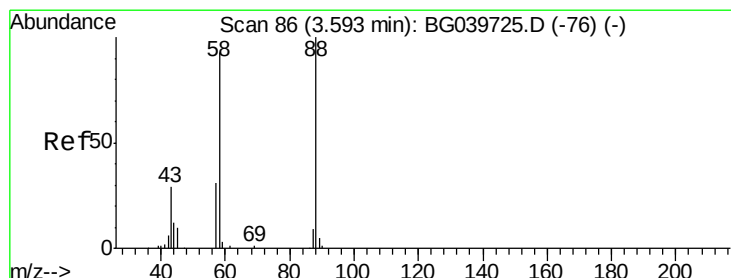
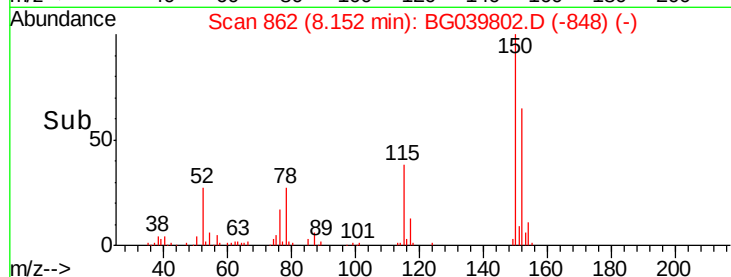
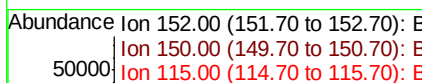
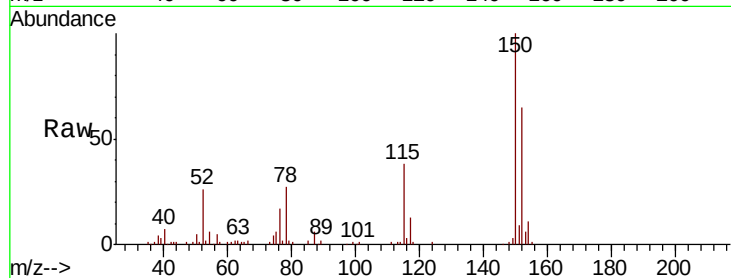
ClientSampled :

PB117686BS

Tot Ion:	152	Resp:	42487
Ion	Ratio	Lower	Upper
152	100		
150	154.0	123.7	185.5
115	58.0	45.9	68.9

Manual Integrations
APPROVED

Sohil
3/8/2019 10:48:43 AM



#2

1,4-Dioxane

Concen: 35.138 ng

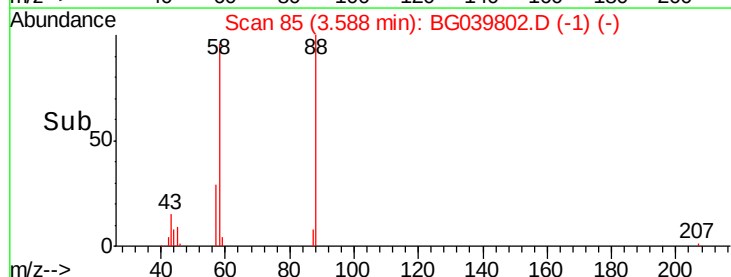
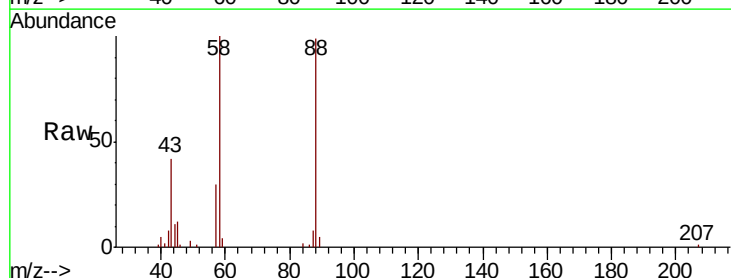
RT: 3.59 min Scan# 85

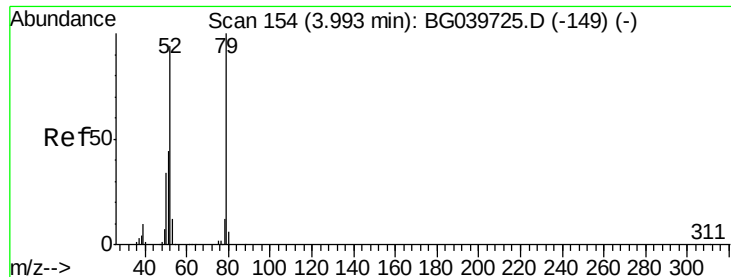
Delta R.T. -0.02 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

Tgt Ion:	88	Resp:	40401
Ion	Ratio	Lower	Upper
88	100		
58	97.6	81.1	121.7
43	37.0	31.4	47.0





#3

Pvridine

Concen: 31.945 ng

RT: 3.99 min Scan# 153

Delta R.T. -0.02 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

Instrument :

BNA_G

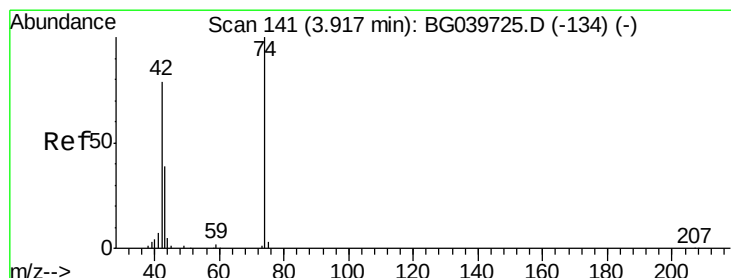
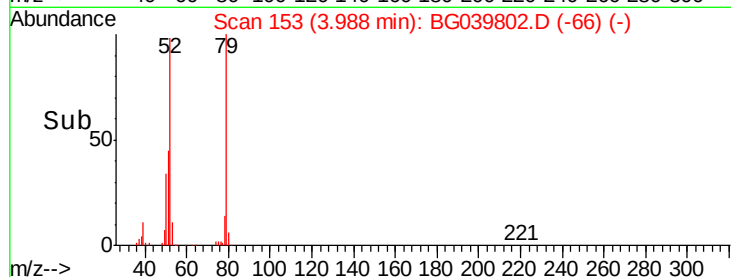
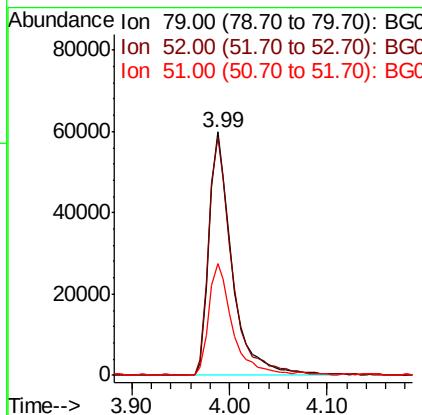
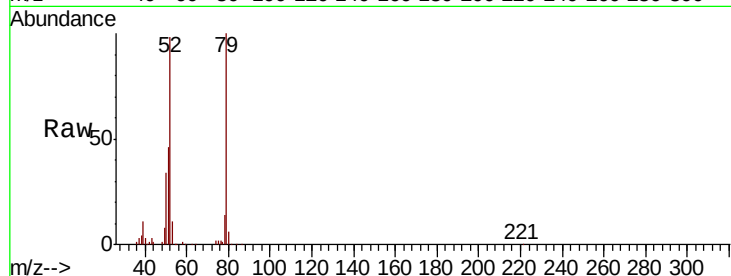
ClientSampleId :

PB117686BS

Tot Ion:	79	Resp:	98330
Ion Ratio	Lower	Upper	
79	100		
52	98.1	82.6	124.0
51	46.0	37.5	56.3

Manual Integrations
APPROVED

Sohil
3/8/2019 10:48:43 AM



#4

n-Nitrosodimethylamine

Concen: 38.382 ng

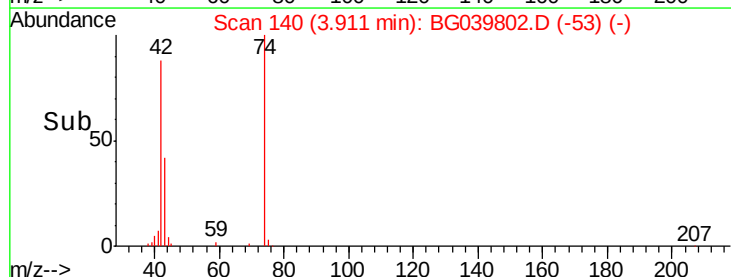
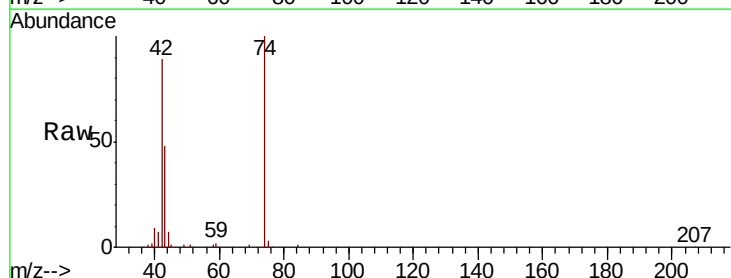
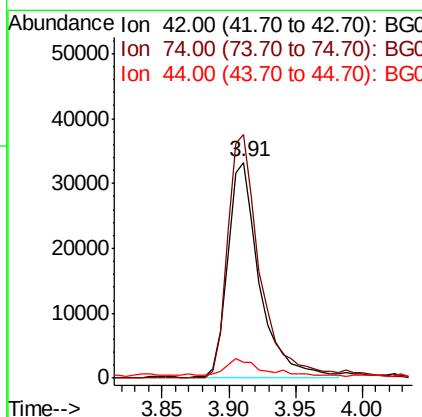
RT: 3.91 min Scan# 140

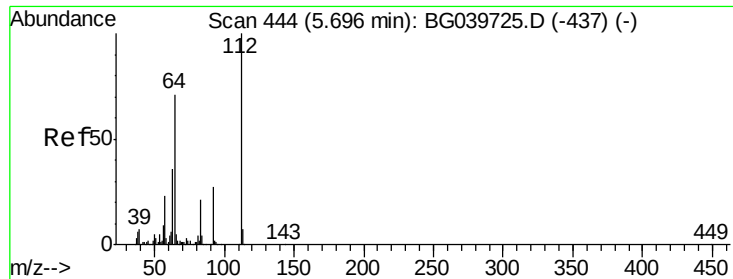
Delta R.T. -0.02 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

Tgt Ion:	42	Resp:	56047
Ion Ratio	Lower	Upper	
42	100		
74	113.0	83.6	125.4
44	7.4	6.9	10.3





#5

2-Fluorophenol

Concen: 145.198 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.01 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

Instrument :

BNA_G

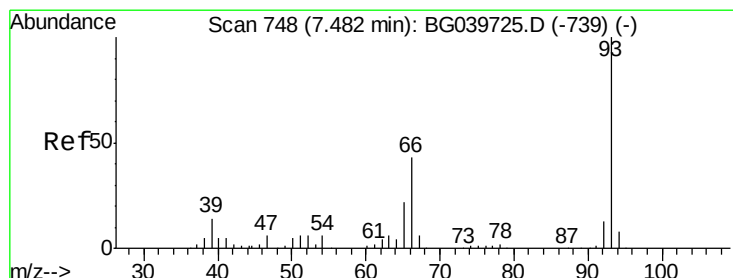
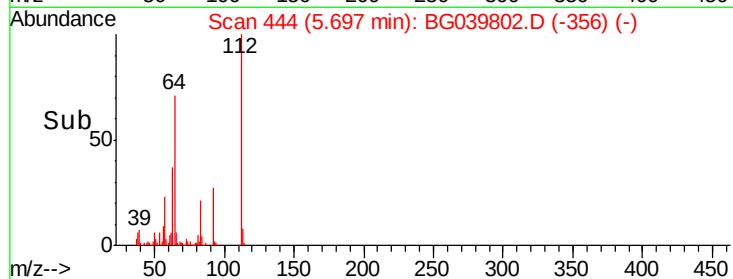
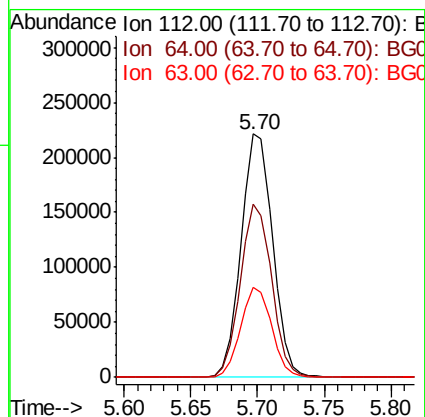
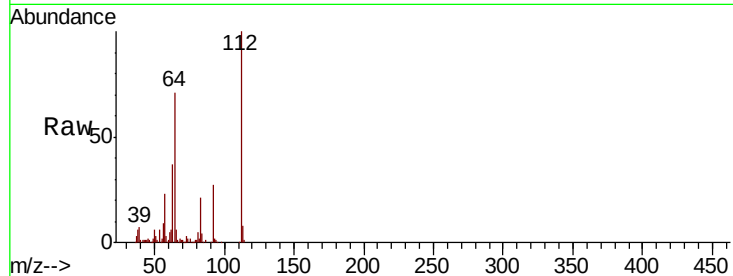
ClientSampleId :

PB117686BS

Tot Ion:	112	Resp:	361607
Ion Ratio	Lower	Upper	
112	100		
64	71.1	57.8	86.8
63	36.8	29.8	44.6

Manual Integrations
APPROVED

Sohil
3/8/2019 10:48:43 AM



#6

Aniline

Concen: 28.949 ng

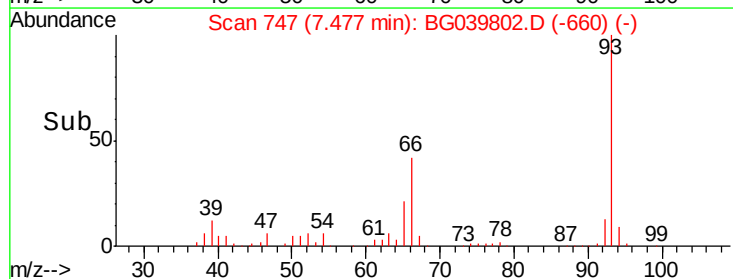
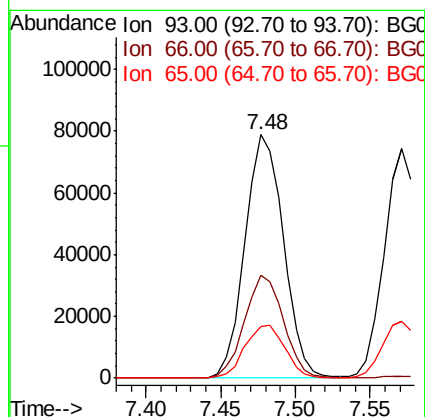
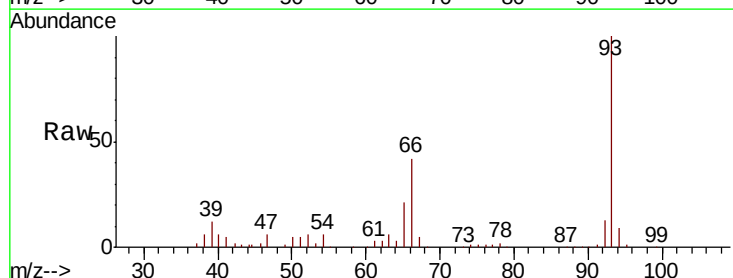
RT: 7.48 min Scan# 747

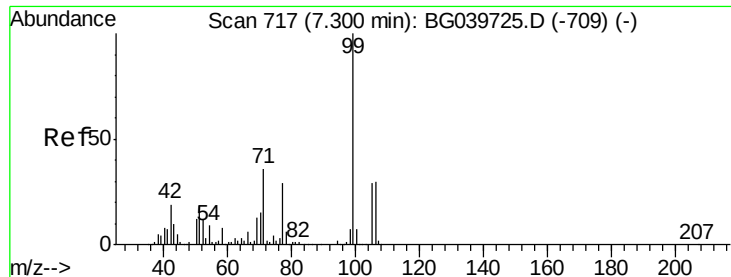
Delta R.T. -0.02 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

Tgt Ion:	93	Resp:	140836
Ion Ratio	Lower	Upper	
93	100		
66	42.0	34.2	51.4
65	21.1	17.7	26.5





#7

Phenol-d6

Concen: 137.469 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

Instrument :

BNA_G

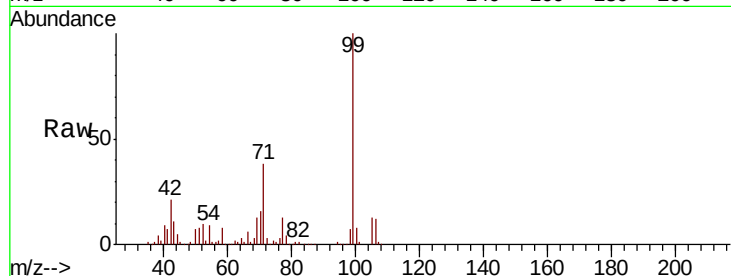
ClientSampleId :

PB117686BS

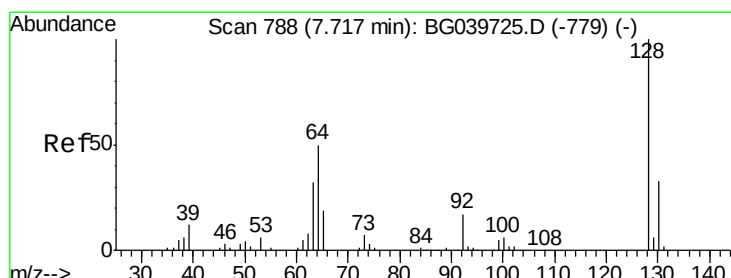
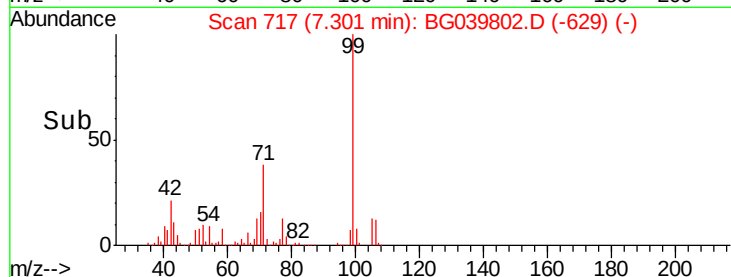
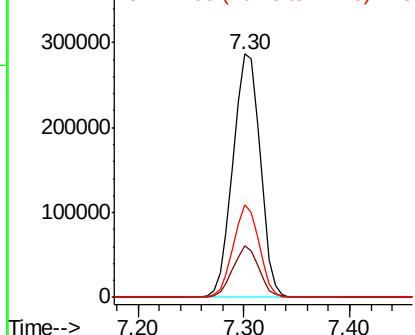
Tot Ion:	99	Resp:	510475
Ion Ratio	Lower	Upper	
99	100		
42	21.1	18.2	27.2
71	38.1	28.0	42.0

Manual Integrations
APPROVED

Sohil
3/8/2019 10:48:43 AM



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



#8

2-Chlorophenol

Concen: 42.750 ng

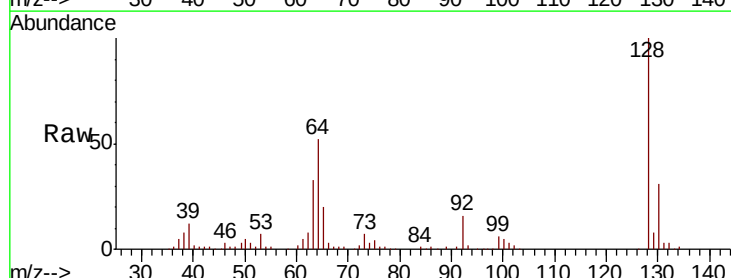
RT: 7.72 min Scan# 788

Delta R.T. -0.01 min

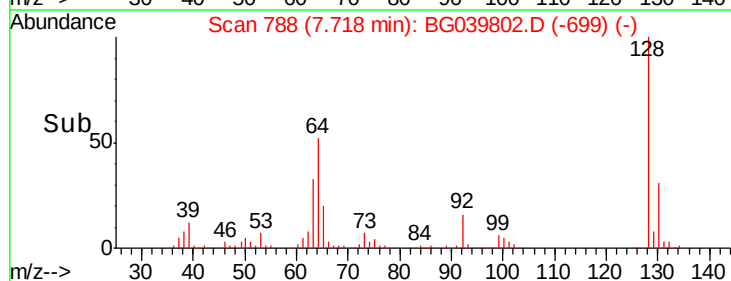
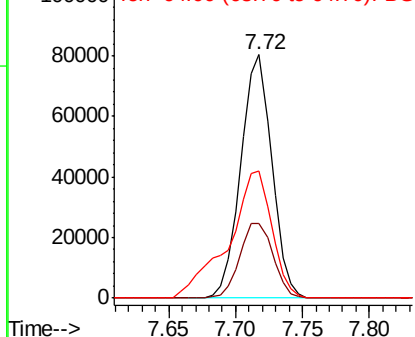
Lab File: BG039802.D

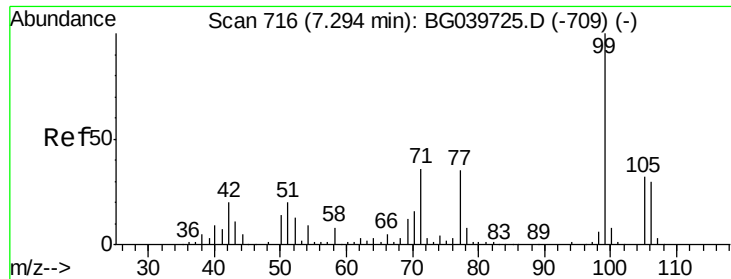
Acq: 7 Mar 2019 14:53

Tgt Ion:	128	Resp:	129164
Ion Ratio	Lower	Upper	
128	100		
130	30.7	12.9	52.9
64	52.1	38.7	78.7



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





#9

Benzaldehyde

Concen: 33.311 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

Instrument :

BNA_G

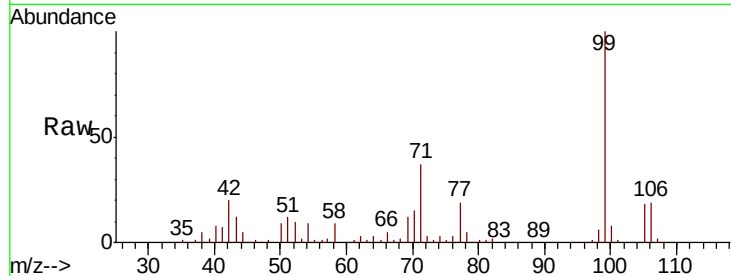
ClientSampleId :

PB117686BS

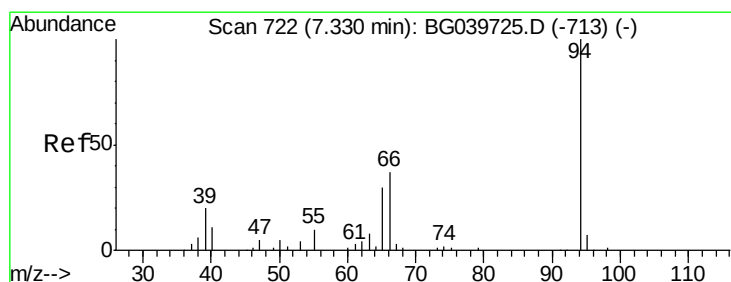
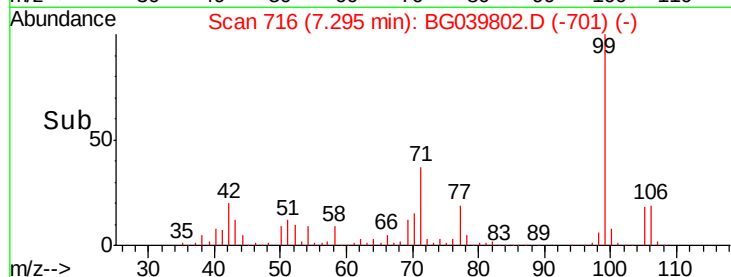
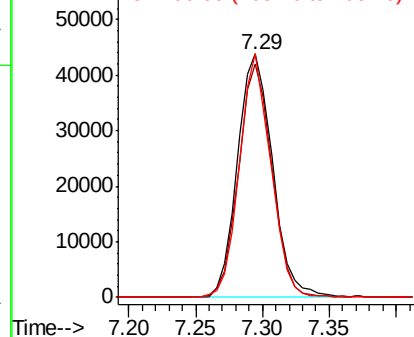
Tot Ion:	77	Resp:	79792
Ion	Ratio	Lower	Upper
77	100		
105	96.1	74.5	114.5
106	100.0	68.0	108.0

Manual Integrations
APPROVED

Sohil
3/8/2019 10:48:43 AM



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 43.800 ng

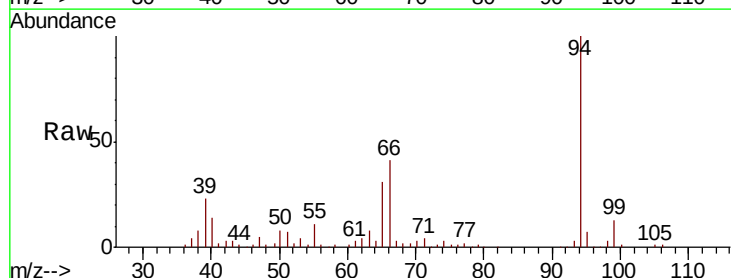
RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

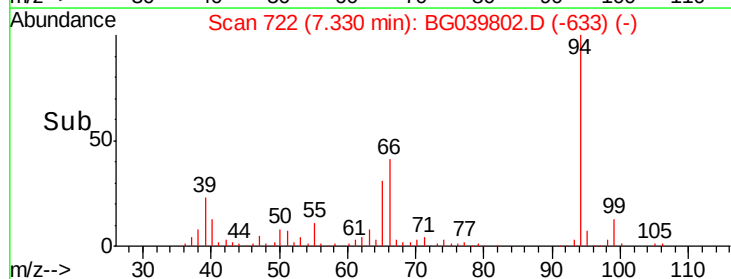
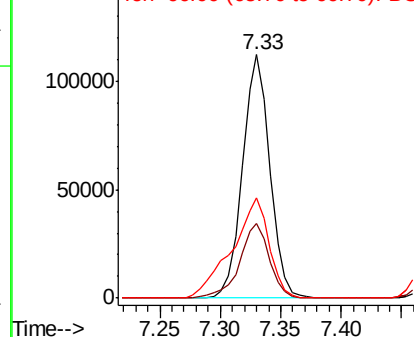
Lab File: BG039802.D

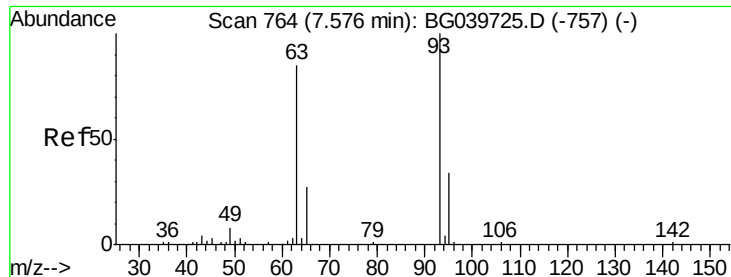
Acq: 7 Mar 2019 14:53

Tgt Ion:	94	Resp:	176196
Ion	Ratio	Lower	Upper
94	100		
65	30.8	11.7	51.7
66	41.3	23.7	63.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





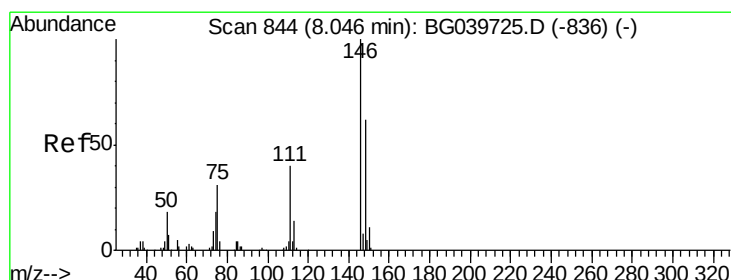
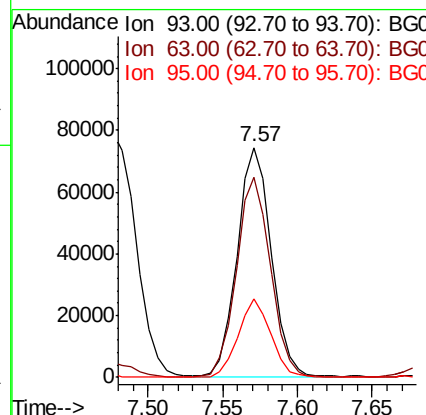
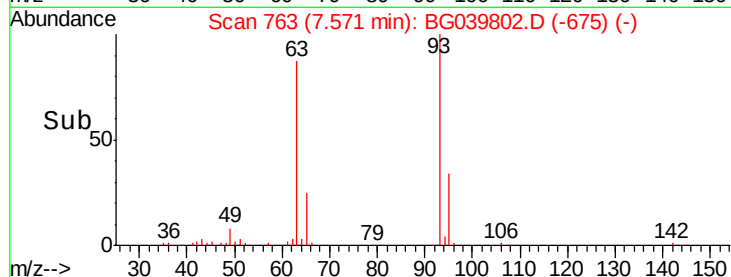
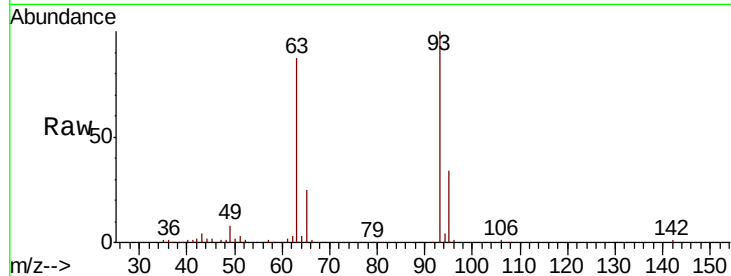
#11
bis(2-Chloroethyl)ether
Concen: 37.535 ng
RT: 7.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Instrument :
BNA_G
ClientSampleId :
PB117686BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.2	69.5	109.5
95	34.0	12.7	52.7

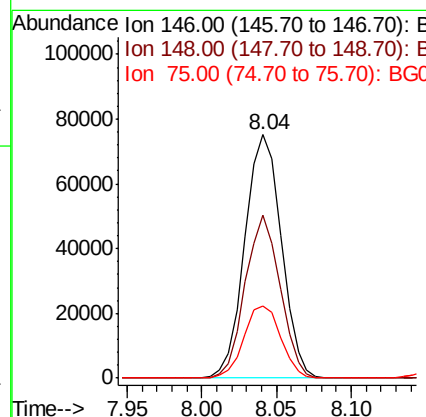
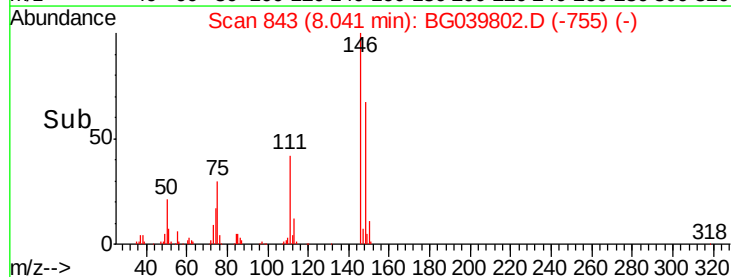
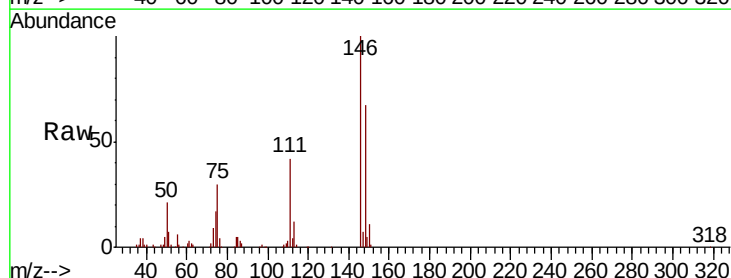
Manual Integrations
APPROVED

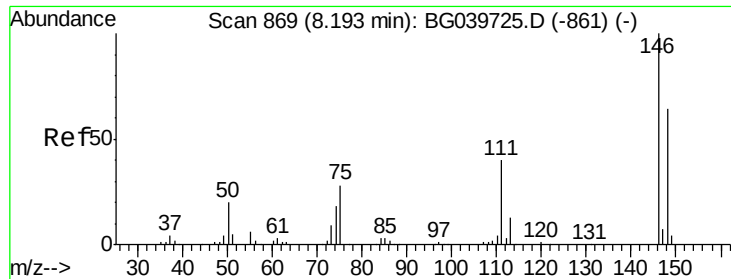
Sohil
3/8/2019 10:48:43 AM



#12
1,3-Dichlorobenzene
Concen: 37.351 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.0	52.6	79.0
75	29.5	25.8	38.6





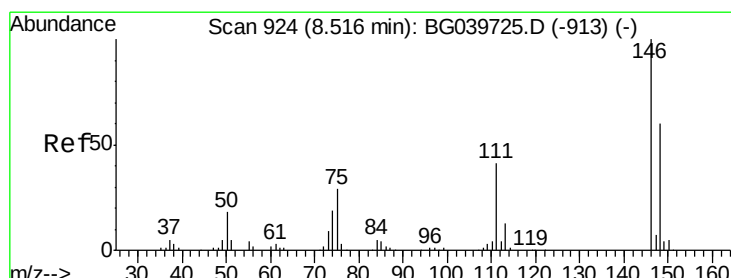
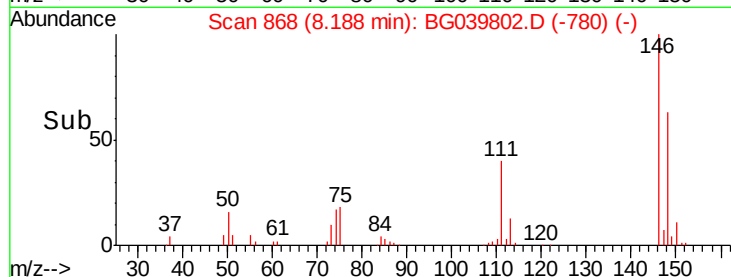
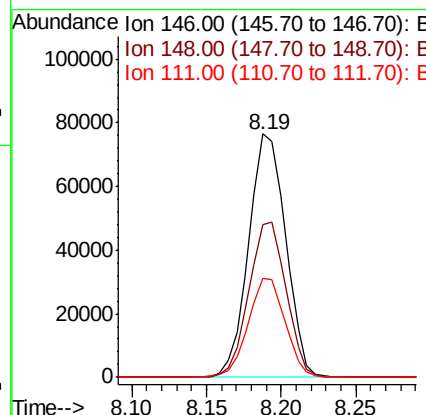
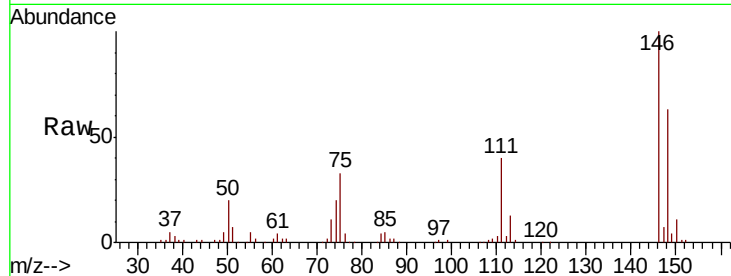
#13
 1,4-Dichlorobenzene
 Concen: 37.613 ng
 RT: 8.19 min Scan# 868
 Delta R.T. -0.01 min
 Lab File: BG039802.D
 Acq: 7 Mar 2019 14:53

Instrument :
 BNA_G
 ClientSampled :
 PB117686BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.1	76.7
111	40.4	32.6	48.8

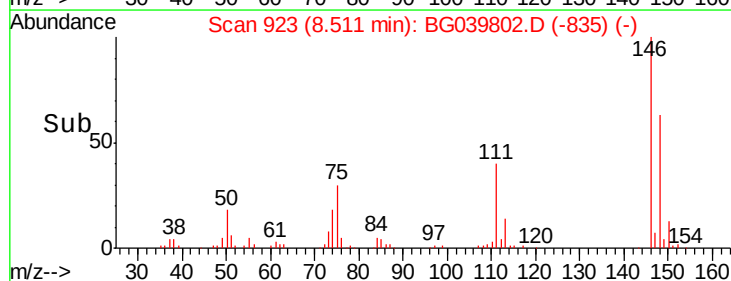
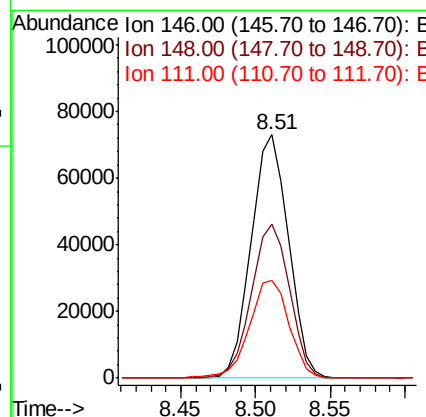
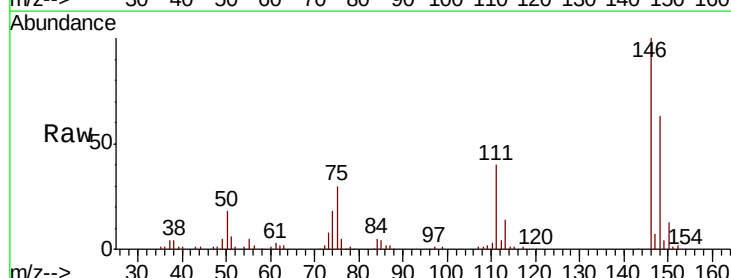
Manual Integrations
 APPROVED

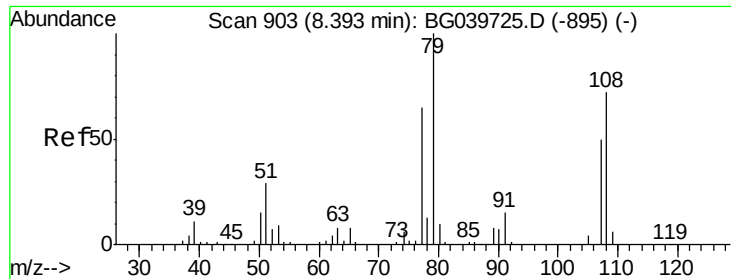
Sohil
 3/8/2019 10:48:43 AM



#14
 1,2-Dichlorobenzene
 Concen: 37.487 ng
 RT: 8.51 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BG039802.D
 Acq: 7 Mar 2019 14:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.5	77.3
111	40.3	33.8	50.6





#15

Benzyl Alcohol

Concen: 40.937 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

Instrument :

BNA_G

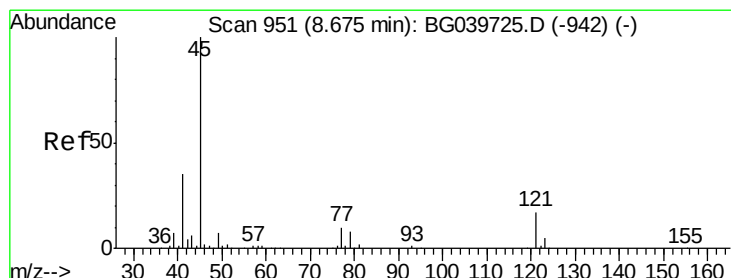
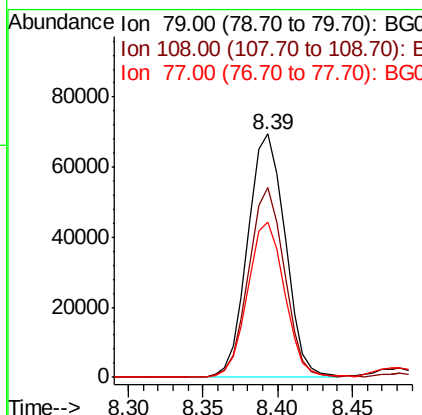
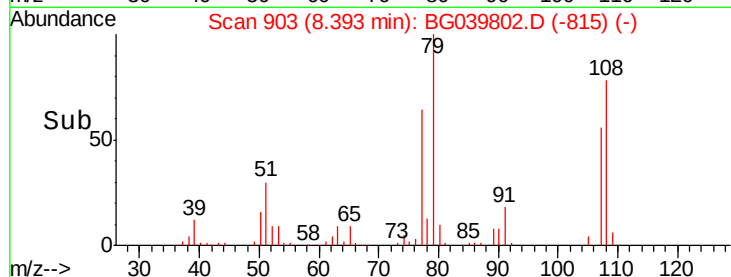
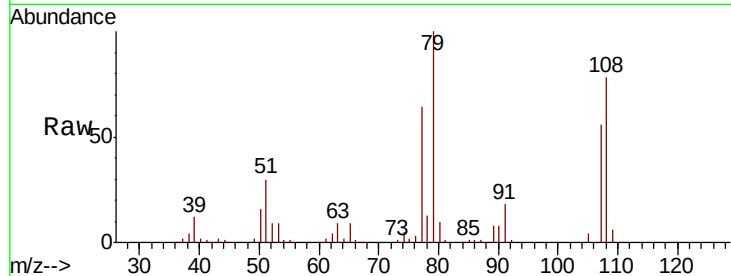
ClientSampleId :

PB117686BS

Tot Ion:	79	Resp:	120585
Ion Ratio	Lower	Upper	
79	100		
108	77.8	57.8	86.6
77	63.6	51.1	76.7

Manual Integrations
APPROVED

Sohil
3/8/2019 10:48:43 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.912 ng

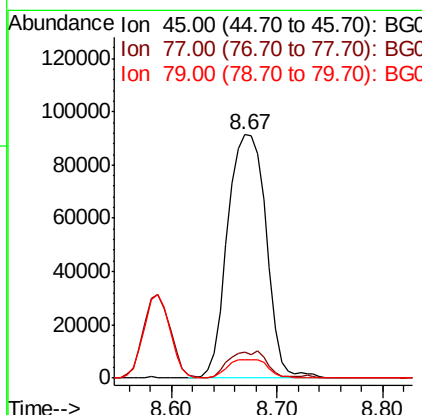
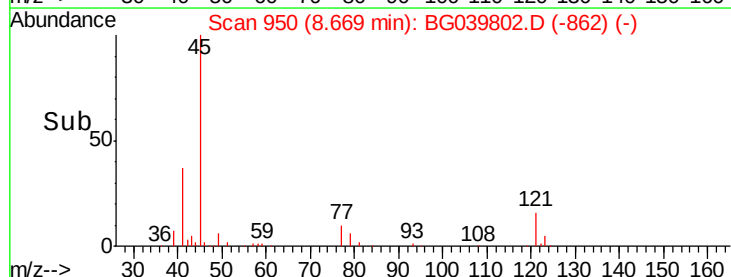
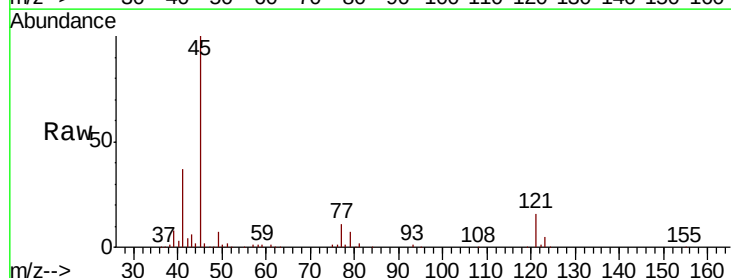
RT: 8.67 min Scan# 950

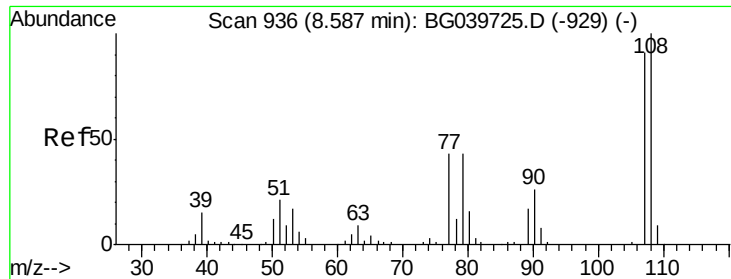
Delta R.T. -0.01 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

Tgt Ion:	45	Resp:	231546
Ion Ratio	Lower	Upper	
45	100		
77	10.8	0.0	30.0
79	7.4	0.0	27.5





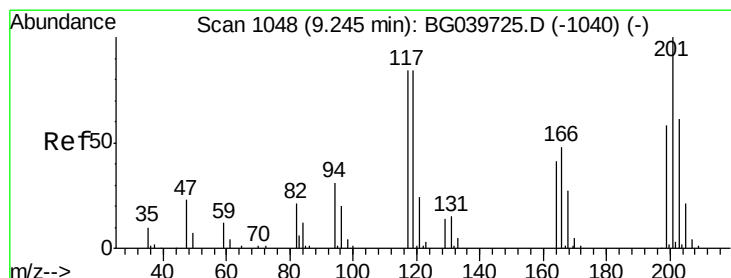
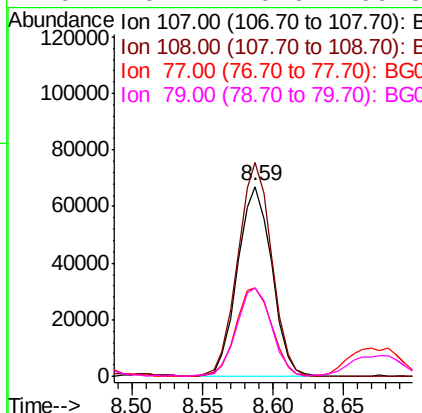
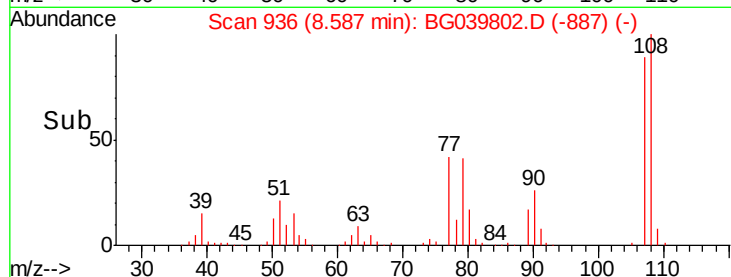
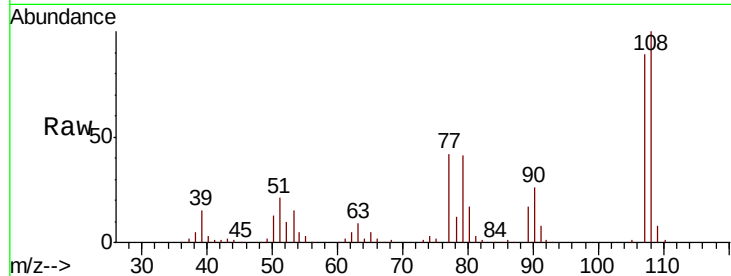
#17
2-Methylphenol
Concen: 44.525 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Instrument :
BNA_G
ClientSampleId :
PB117686BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.5	90.8	136.2	
77	46.8	40.7	61.1	
79	46.4	40.6	60.8	

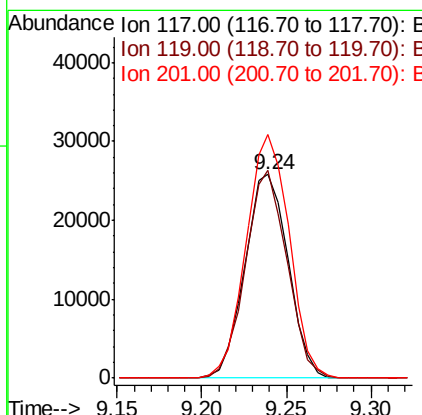
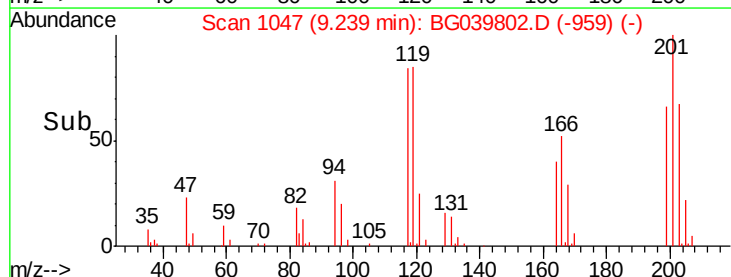
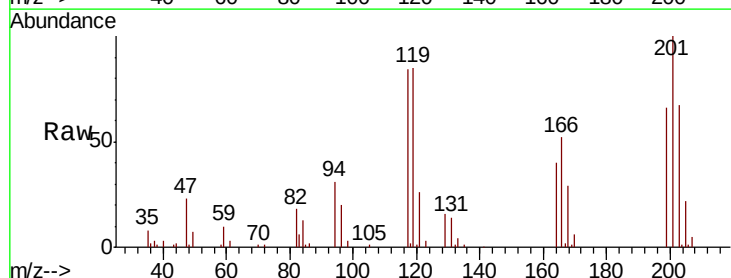
Manual Integrations
APPROVED

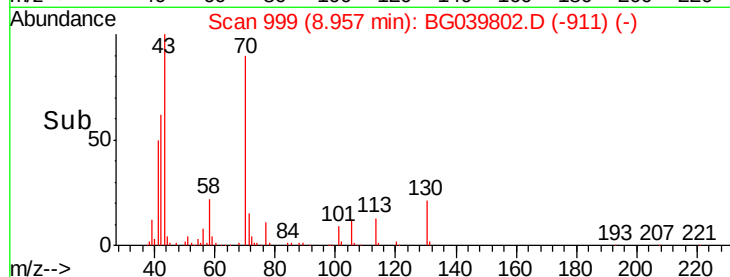
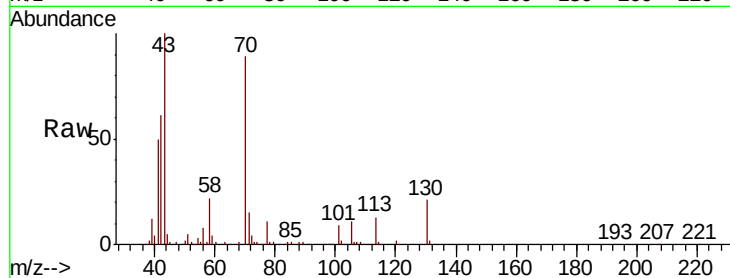
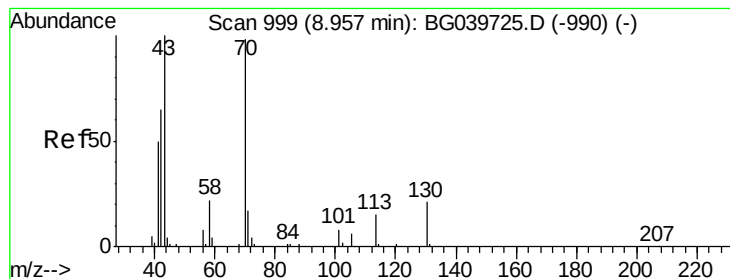
Sohil
3/8/2019 10:48:43 AM



#18
Hexachloroethane
Concen: 36.818 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	101.9	76.3	114.5	
201	119.5	91.1	136.7	





#19

n-Nitroso-di-n-propylamine

Concen: 37.398 ng

RT: 8.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	68.7	60.4	90.6	
101	10.1	7.5	11.3	
130	23.1	16.9	25.3	

Instrument :

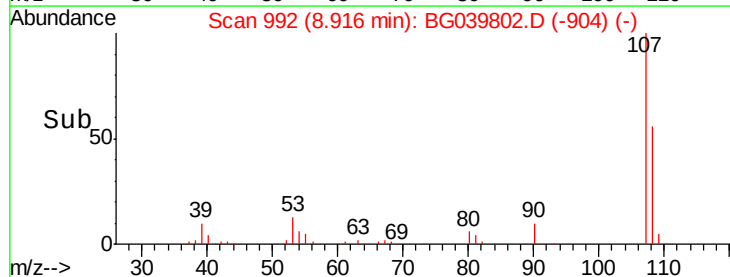
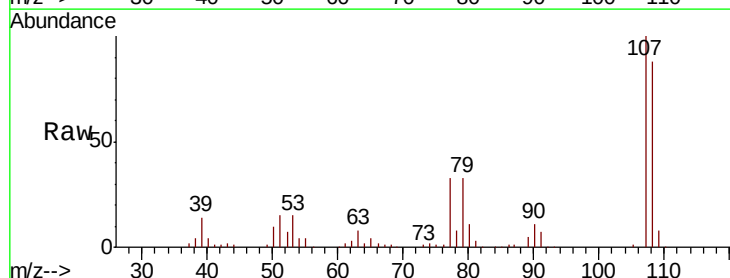
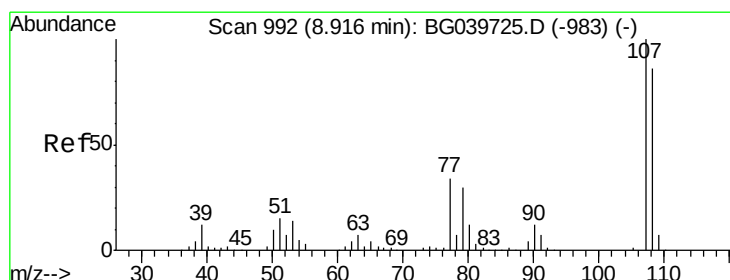
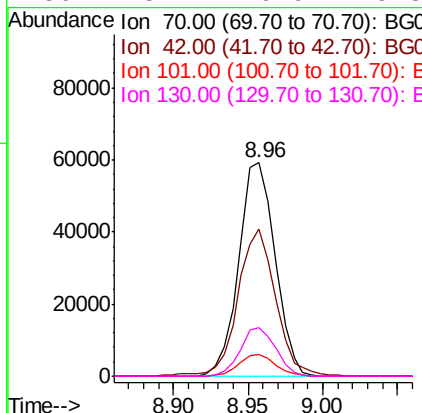
BNA_G

ClientSampleId :

PB117686BS

Manual Integrations
APPROVED

Sohil
3/8/2019 10:48:43 AM



#20

3+4-Methylphenols

Concen: 43.565 ng

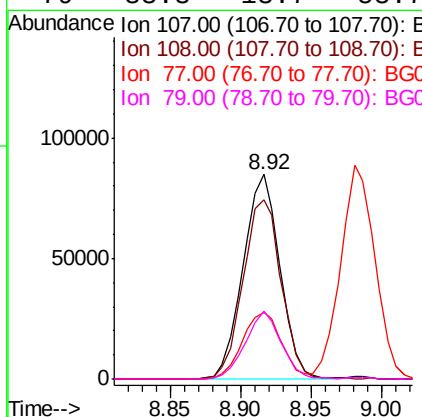
RT: 8.92 min Scan# 992

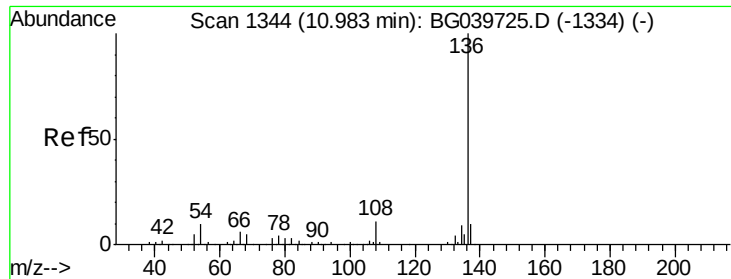
Delta R.T. -0.01 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.9	67.9	107.9	
77	32.7	15.4	55.4	
79	33.3	13.7	53.7	





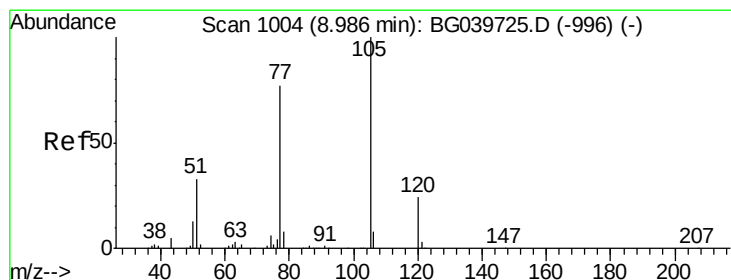
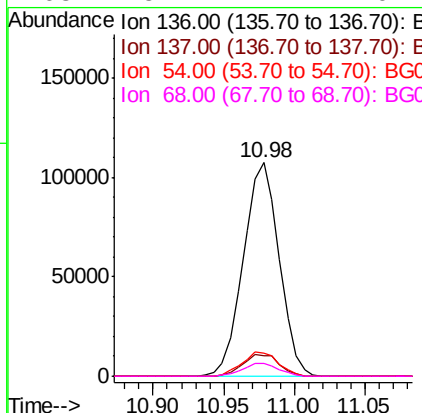
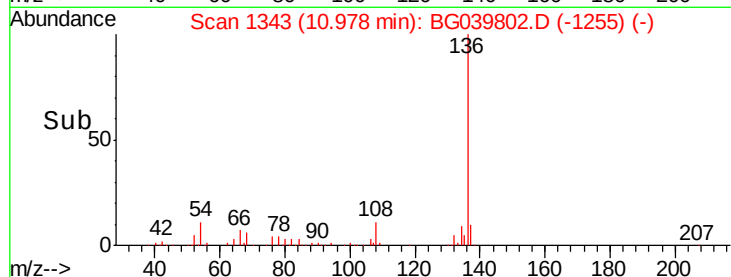
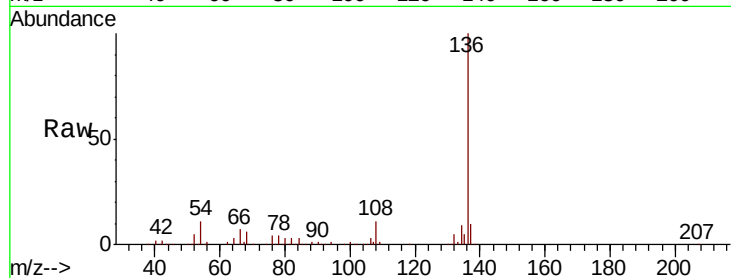
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Instrument :
BNA_G
ClientSampleId :
PB117686BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	191092		
137	9.8	9.1	13.7	
54	10.6	9.4	14.2	
68	5.7	4.2	6.4	

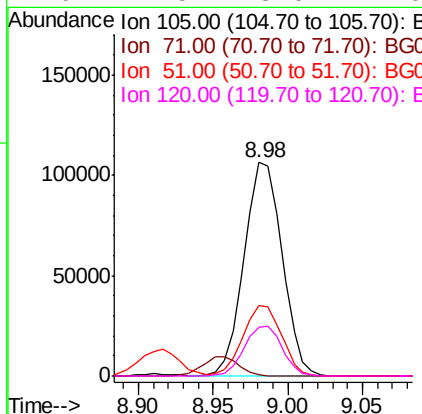
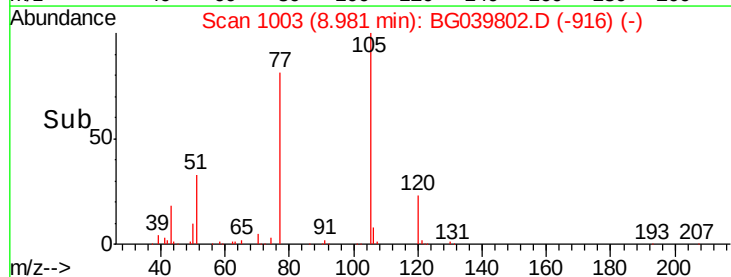
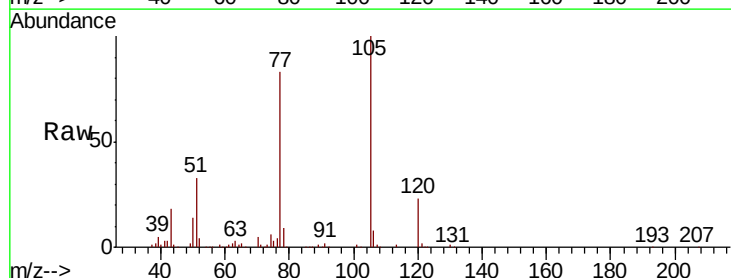
Manual Integrations
APPROVED

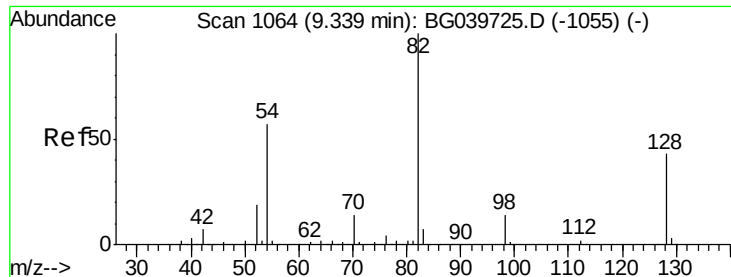
Sohil
3/8/2019 10:48:43 AM



#22
Acetophenone
Concen: 36.665 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	188049		
71	0.6	0.8	1.2#	
51	33.2	30.2	45.2	
120	22.5	18.0	27.0	





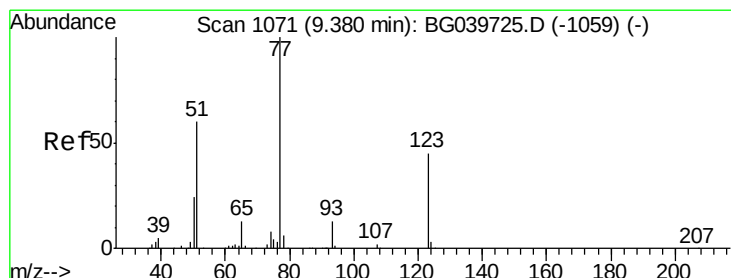
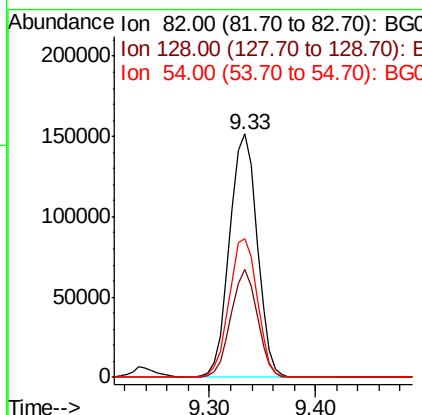
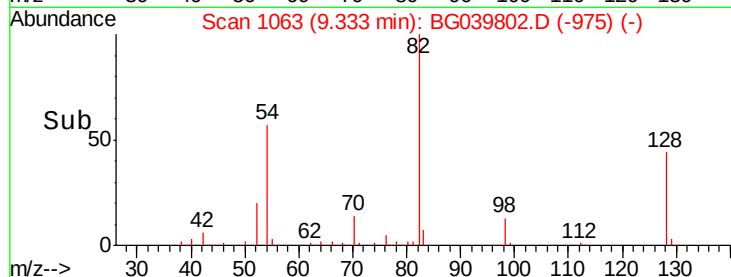
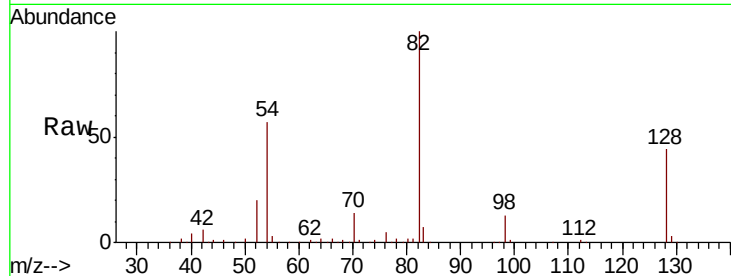
#23
Nitrobenzene-d5
Concen: 77.364 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Instrument :
BNA_G
ClientSampleId :
PB117686BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.1	31.3	46.9
54	57.2	50.9	76.3

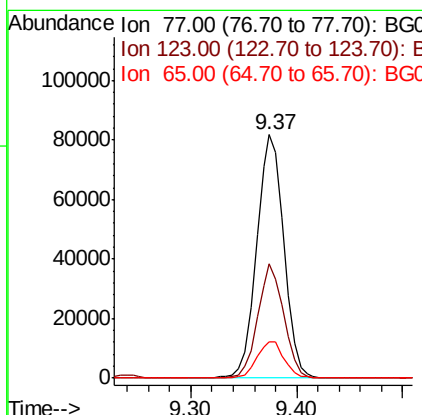
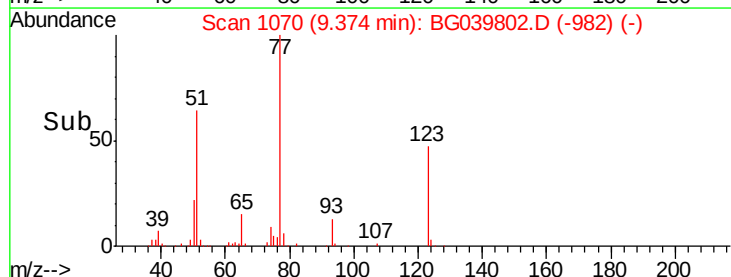
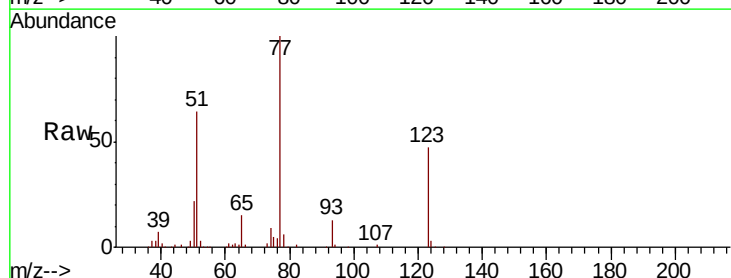
Manual Integrations
APPROVED

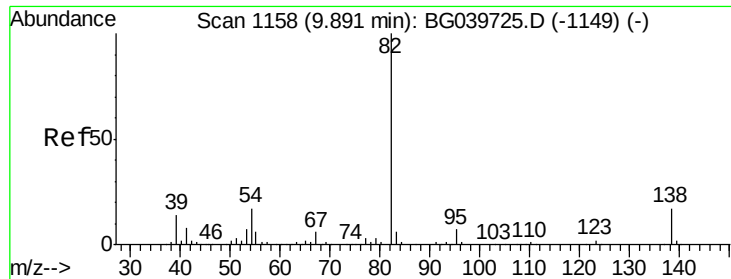
Sohil
3/8/2019 10:48:43 AM



#24
Nitrobenzene
Concen: 39.454 ng
RT: 9.37 min Scan# 1070
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.9	34.1	51.1
65	14.9	12.3	18.5





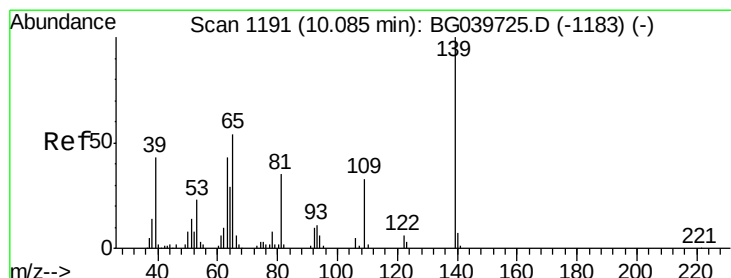
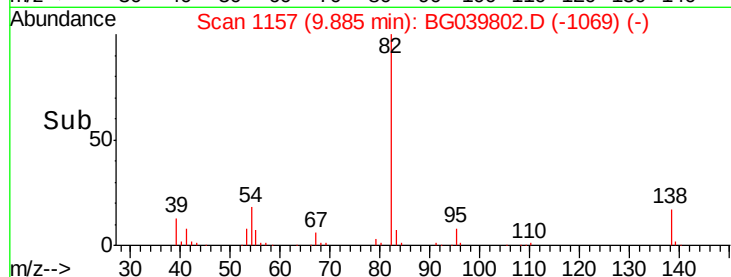
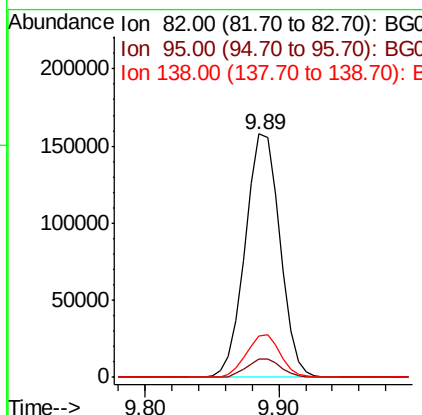
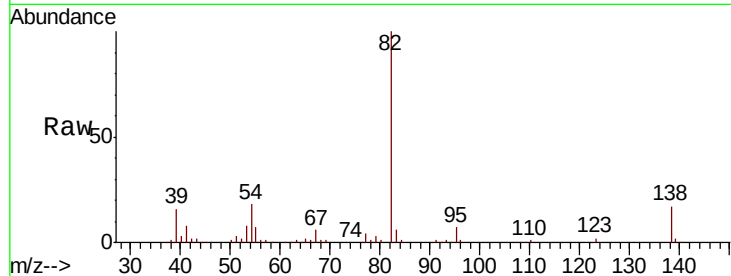
#25
Isophorone
Concen: 38.253 ng
RT: 9.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Instrument :
BNA_G
ClientSampleId :
PB117686BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.5	6.2	9.2
138	17.0	13.0	19.4

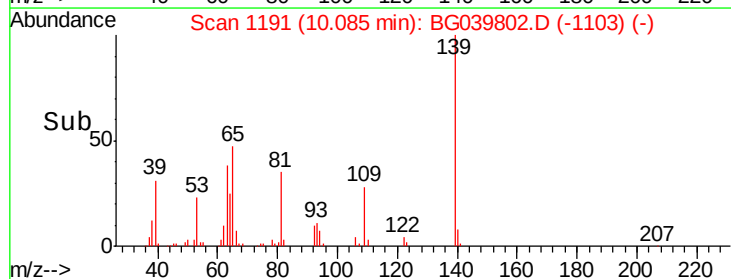
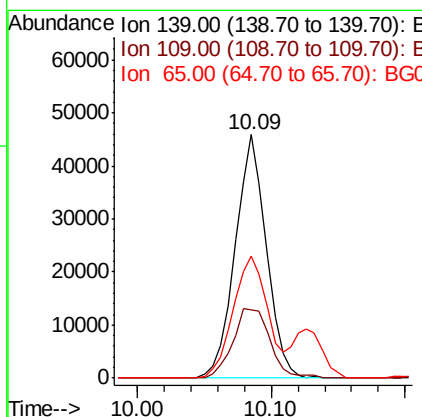
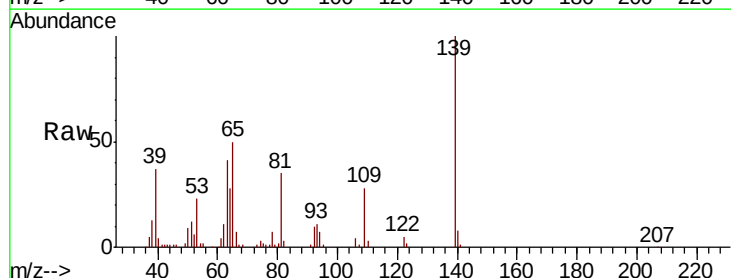
Manual Integrations
APPROVED

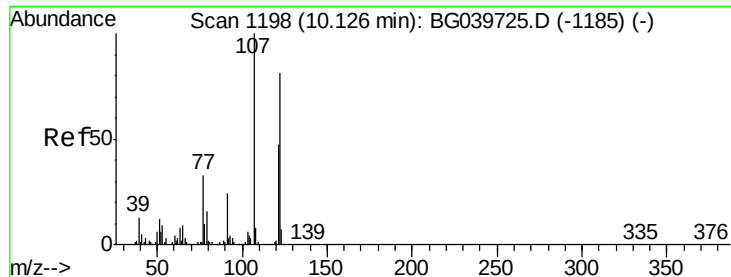
Sohil
3/8/2019 10:48:43 AM



#26
2-Nitrophenol
Concen: 41.391 ng
RT: 10.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	28.1	23.4	35.0
65	50.3	44.3	66.5





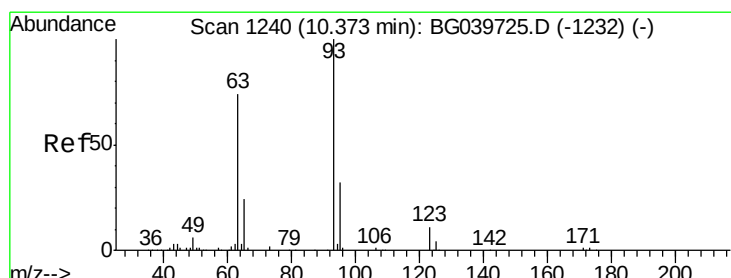
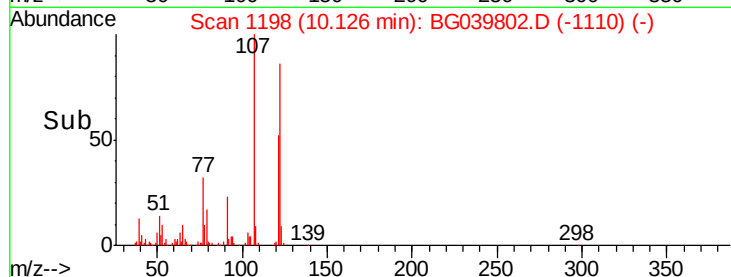
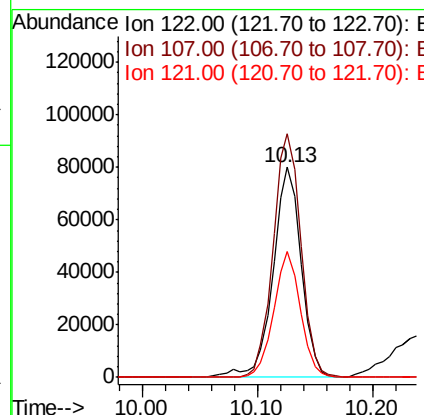
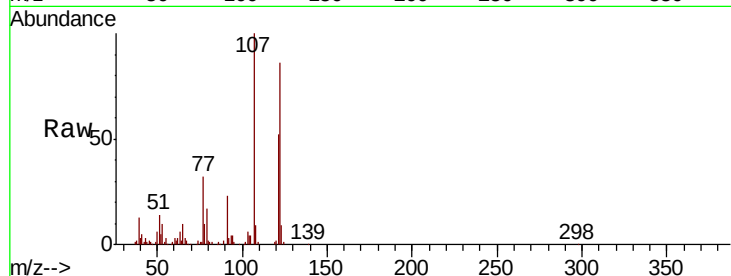
#27
2,4-Dimethylphenol
Concen: 48.870 ng
RT: 10.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Instrument :
BNA_G
ClientSampleId :
PB117686BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.1	91.7	137.5
121	60.2	46.4	69.6

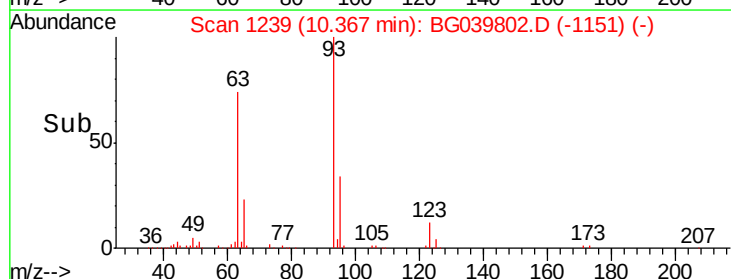
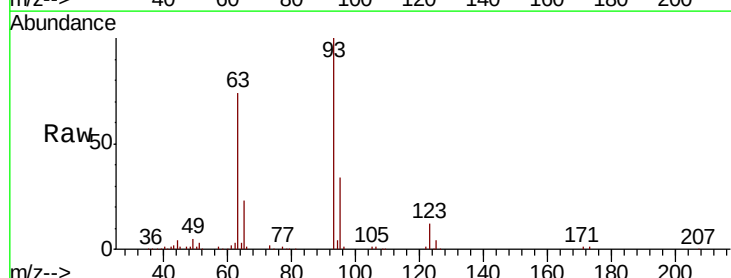
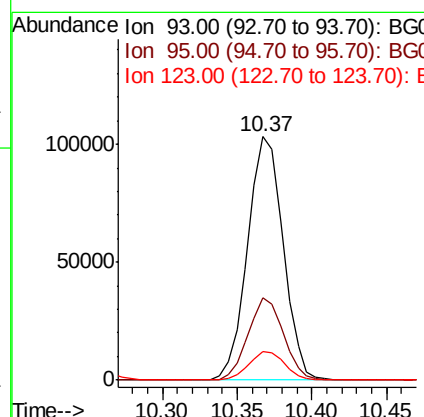
Manual Integrations
APPROVED

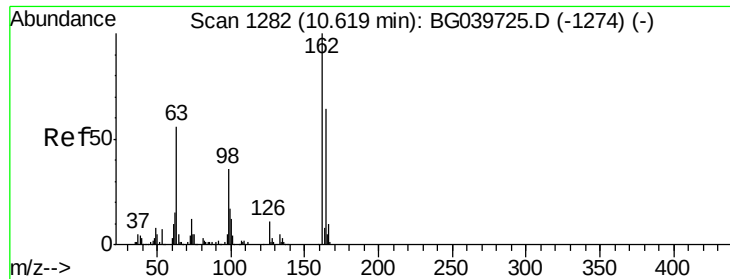
Sohil
3/8/2019 10:48:43 AM



#28
bis(2-Chloroethoxy)methane
Concen: 37.841 ng
RT: 10.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	25.0	37.4
123	11.6	8.6	12.8





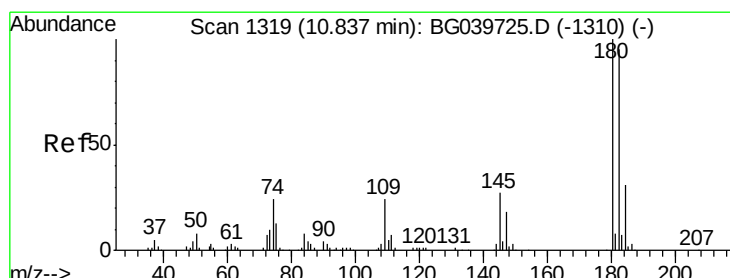
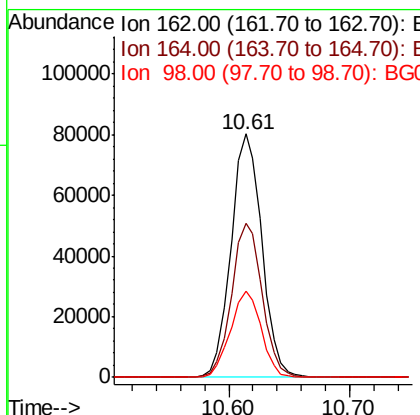
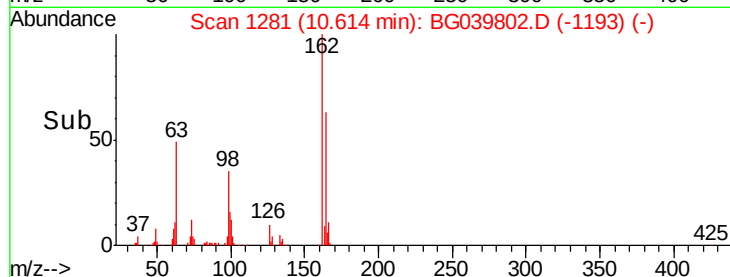
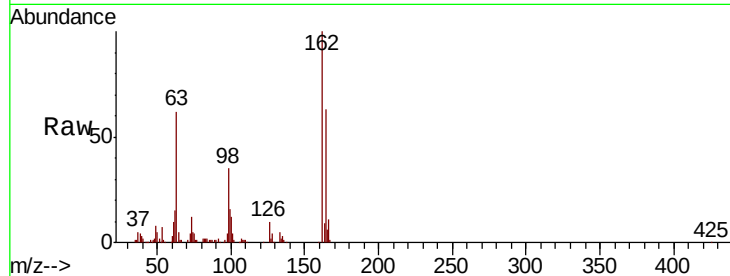
#29
2,4-Dichlorophenol
Concen: 45.493 ng
RT: 10.61 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Instrument :
BNA_G
ClientSampled :
PB117686BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	142563		
164	63.1	48.1	88.1	
98	35.5	18.1	58.1	

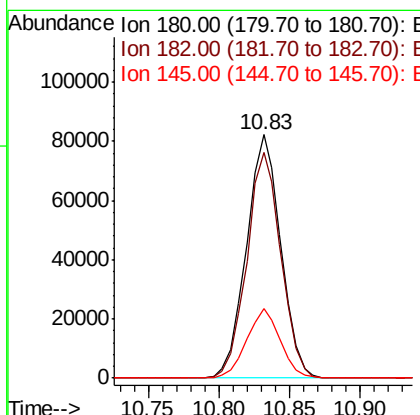
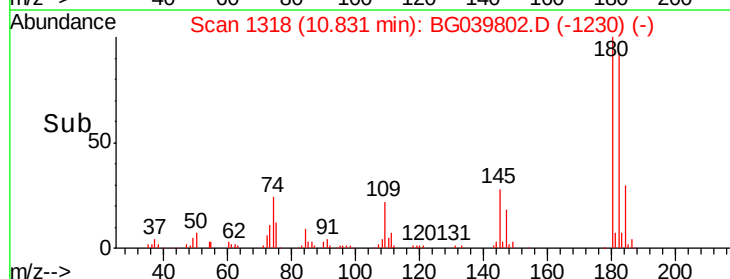
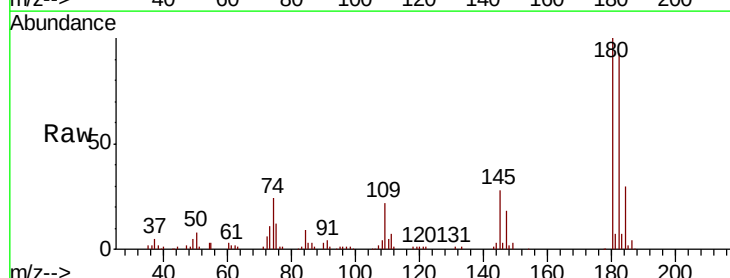
Manual Integrations
APPROVED

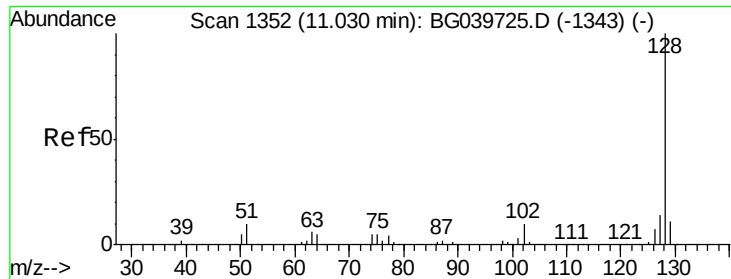
Sohil
3/8/2019 10:48:43 AM



#30
1,2,4-Trichlorobenzene
Concen: 39.713 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	140041		
182	92.9	76.0	114.0	
145	28.3	22.7	34.1	





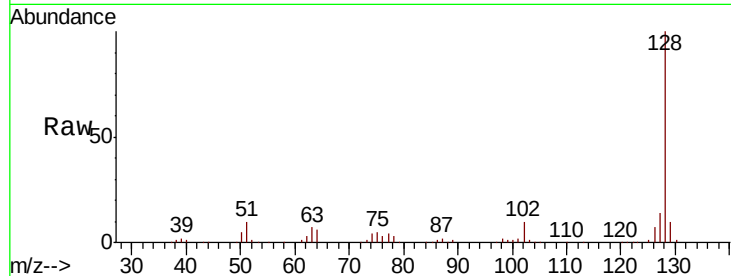
#31
Naphthalene
Concen: 39.176 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Instrument :
BNA_G
ClientSampleId :
PB117686BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.1	8.7	13.1
127	13.8	10.8	16.2

Manual Integrations
APPROVED

Sohil
3/8/2019 10:48:43 AM

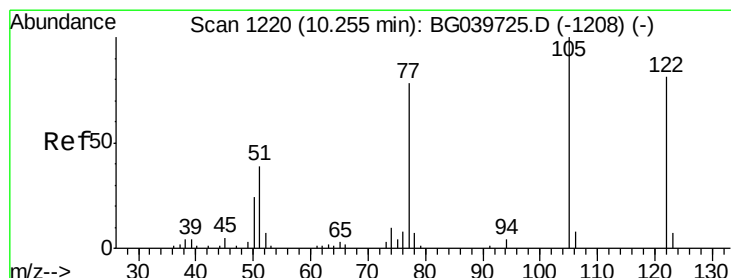
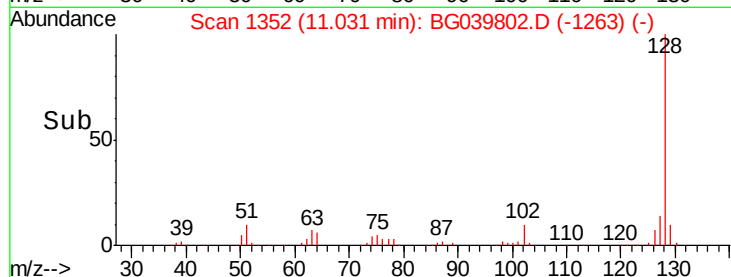
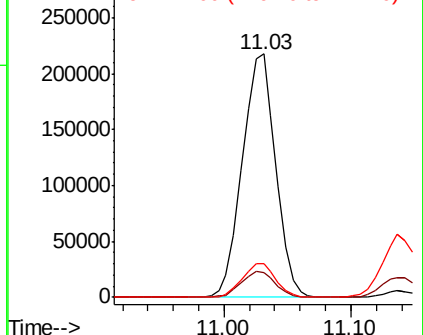


Abundance

Ion 128.00 (127.70 to 128.70): E

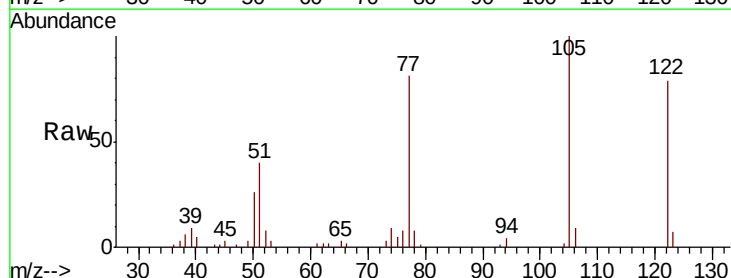
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 43.608 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.1	101.8	141.8
77	103.2	76.3	116.3

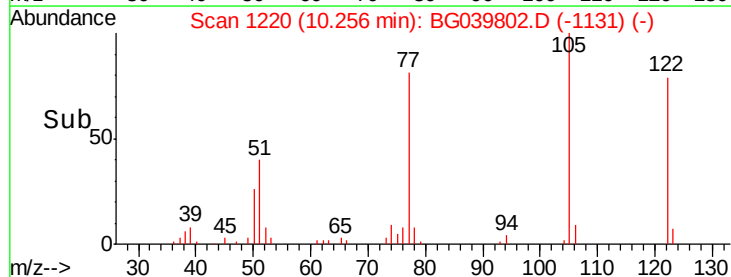
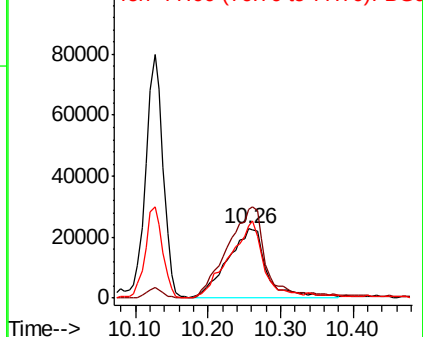


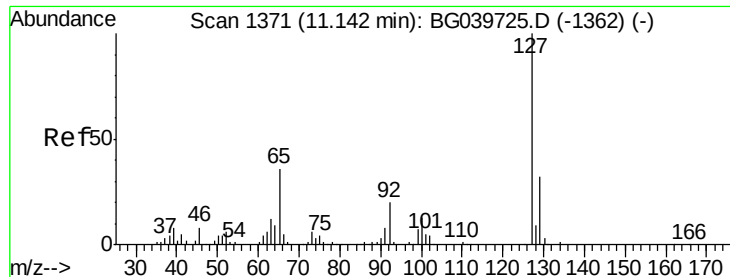
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





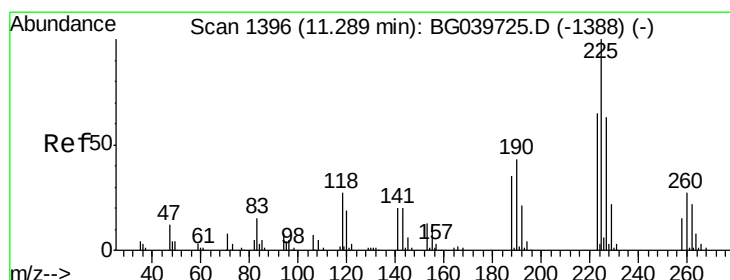
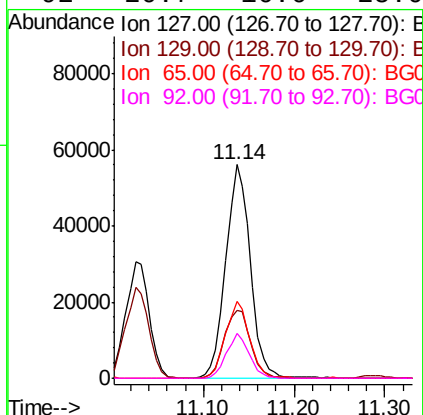
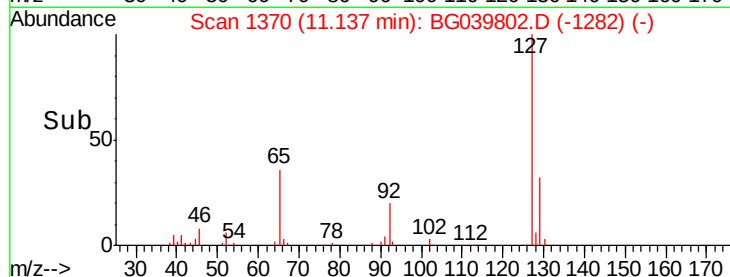
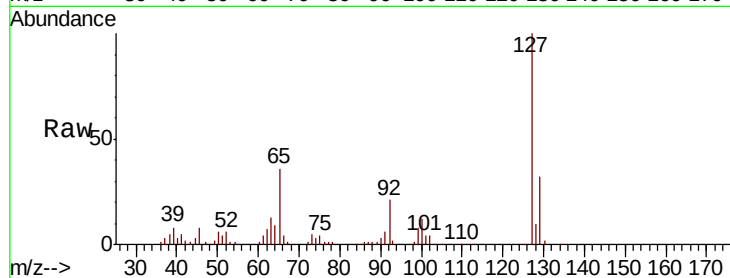
#33
4-Chloroaniline
Concen: 24.595 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Instrument :
BNA_G
ClientSampleId :
PB117686BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.8	27.0	40.4		
65	35.8	28.8	43.2		
92	20.7	16.6	25.0		

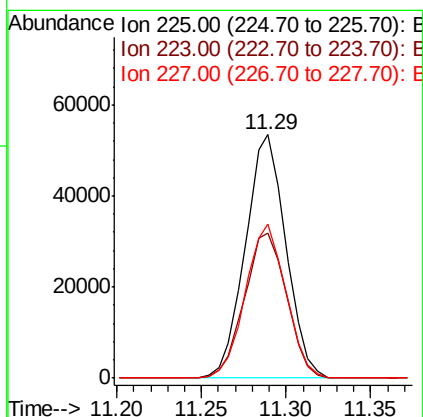
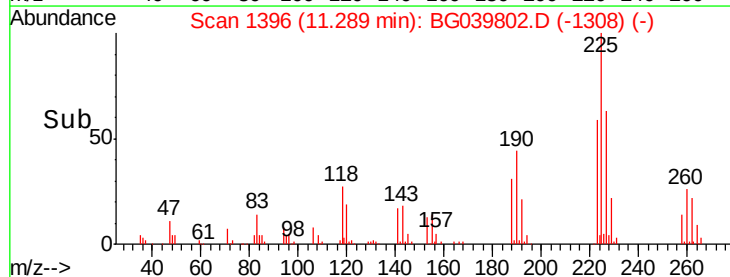
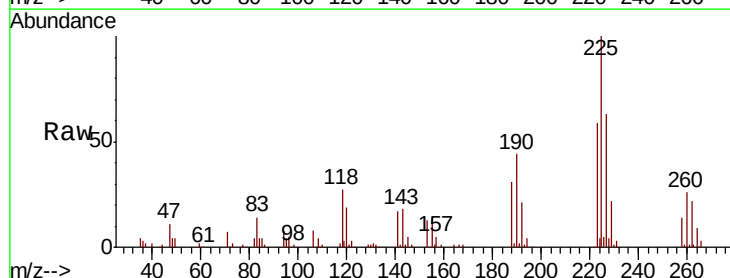
Manual Integrations
APPROVED

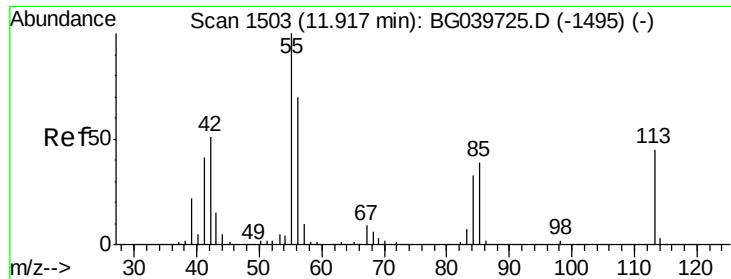
Sohil
3/8/2019 10:48:43 AM



#34
Hexachlorobutadiene
Concen: 37.068 ng
RT: 11.29 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	59.4	49.0	73.6		
227	63.2	46.3	69.5		





#35

Caprolactam

Concen: 41.717 ng/mL

RT: 11.92 min Scan# 1503

Delta R.T. -0.02 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

Instrument :

BNA_G

ClientSampleID :

PB117686BS

Tot Ion: 113 Resp: 49938

Ion Ratio Lower Upper

113 100

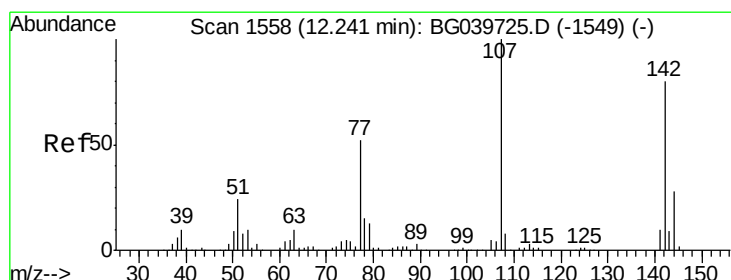
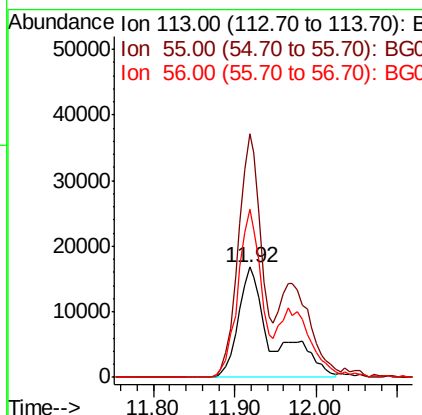
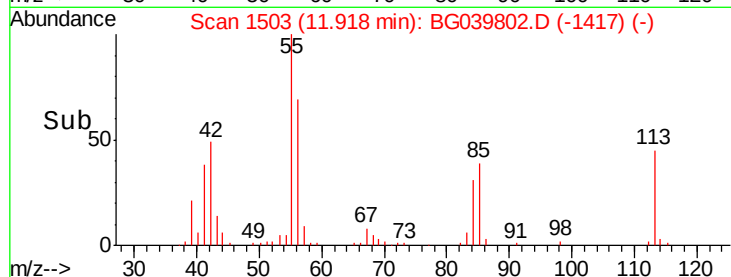
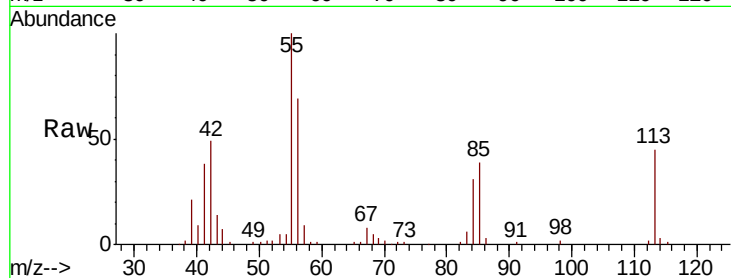
55 220.4 216.9 256.9

56 151.7 152.6 192.6#

Manual Integrations
APPROVED

Sohil

3/8/2019 10:48:43 AM



#36

4-Chloro-3-methylphenol

Concen: 43.235 ng/mL

RT: 12.24 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

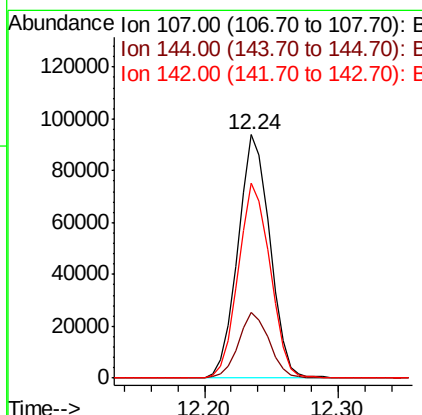
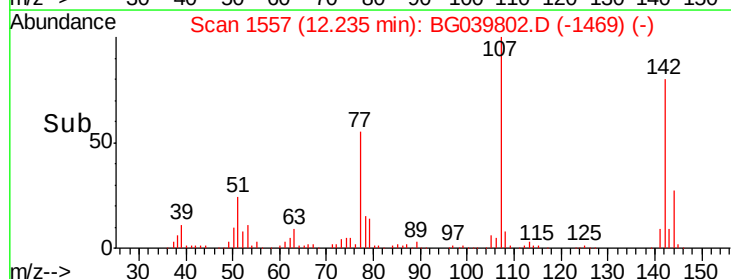
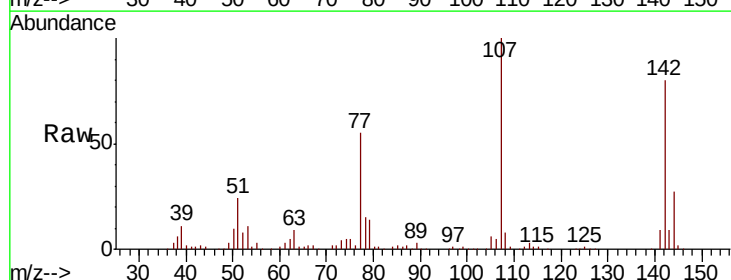
Tgt Ion: 107 Resp: 155314

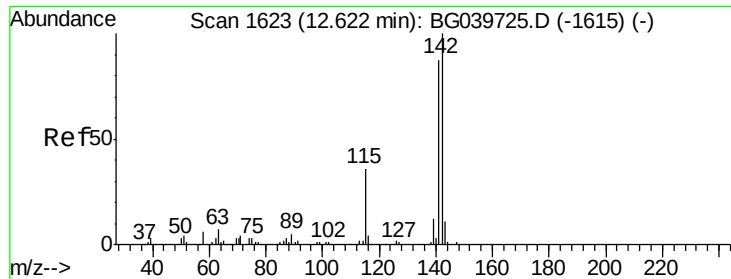
Ion Ratio Lower Upper

107 100

144 27.2 20.2 30.2

142 80.3 61.4 92.2





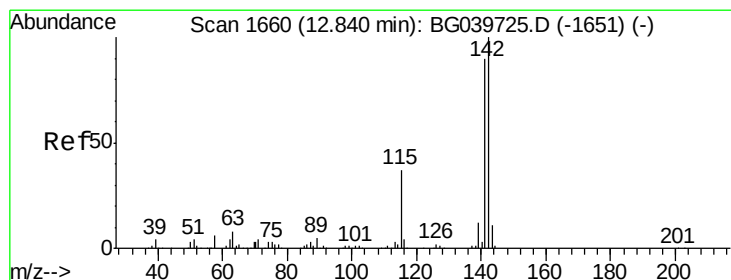
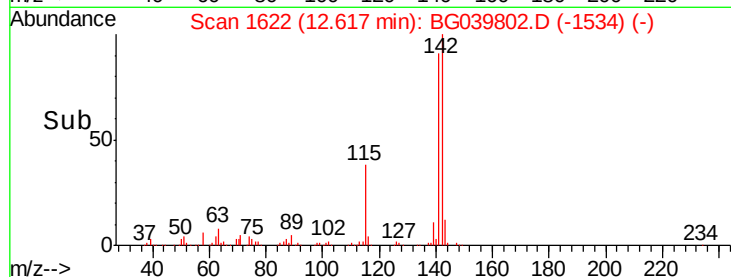
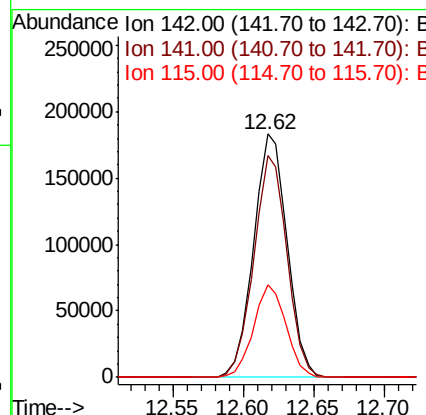
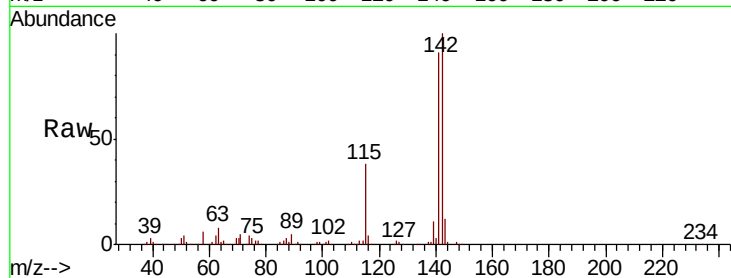
#37
2-Methylnaphthalene
Concen: 40.398 ng
RT: 12.62 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Instrument :
BNA_G
ClientSampleId :
PB117686BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.5	110.3
115	37.9	30.8	46.2

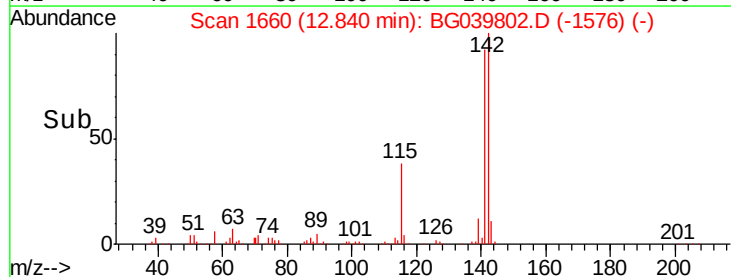
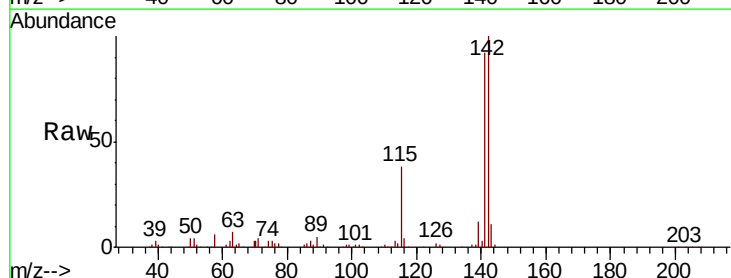
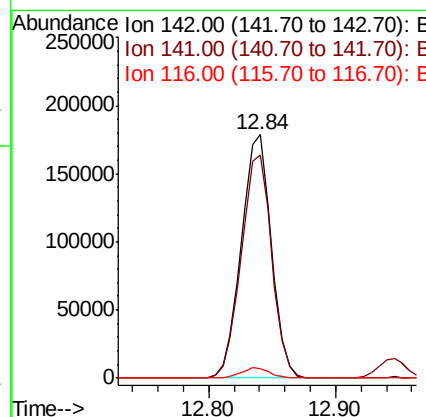
Manual Integrations
APPROVED

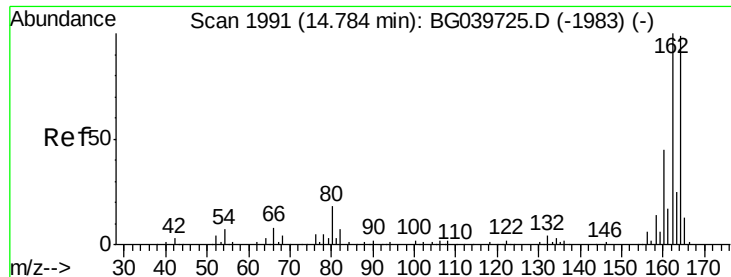
Sohil
3/8/2019 10:48:43 AM



#38
1-Methylnaphthalene
Concen: 39.688 ng
RT: 12.84 min Scan# 1660
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	74.2	111.4
116	4.1	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

Instrument :

BNA_G

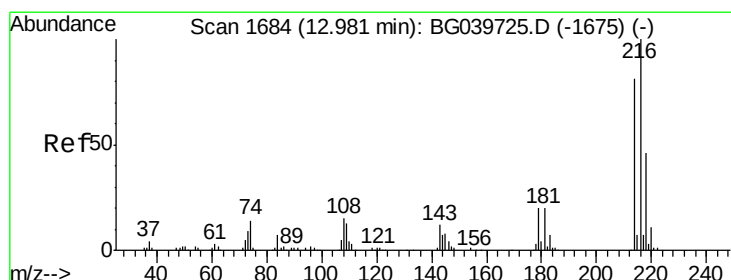
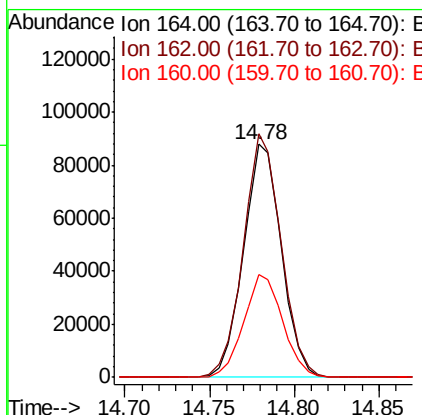
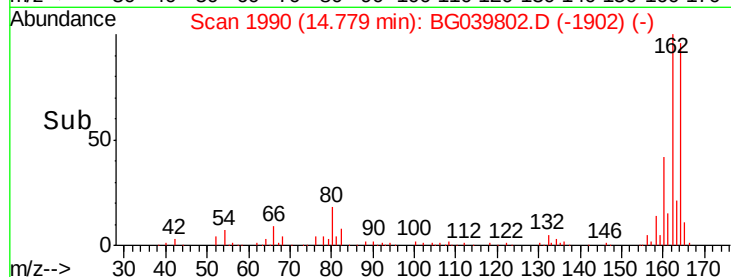
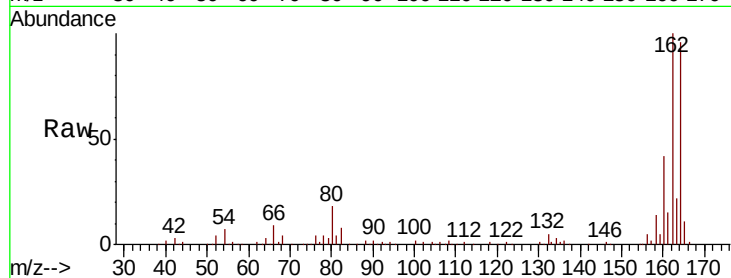
ClientSampleId :

PB117686BS

Tot Ion:	164	Resp:	136347
Ion Ratio	Lower	Upper	
164	100		
162	104.4	81.6	122.4
160	44.3	34.2	51.2

Manual Integrations
APPROVED

Sohil
3/8/2019 10:48:43 AM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.849 ng

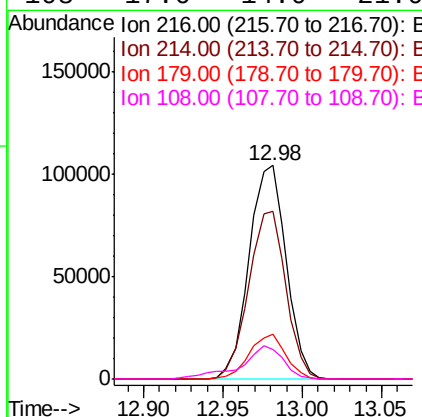
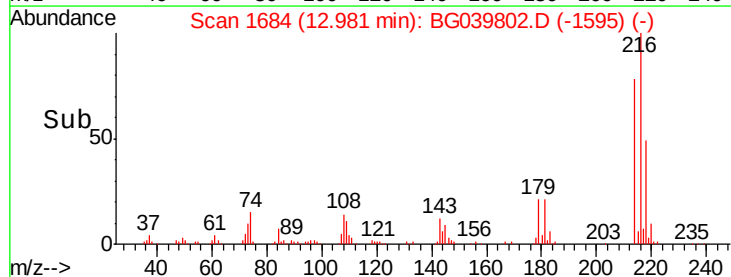
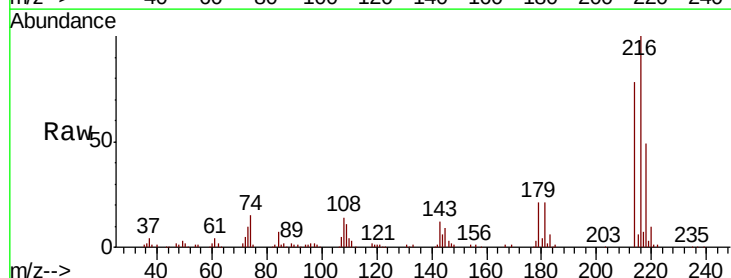
RT: 12.98 min Scan# 1684

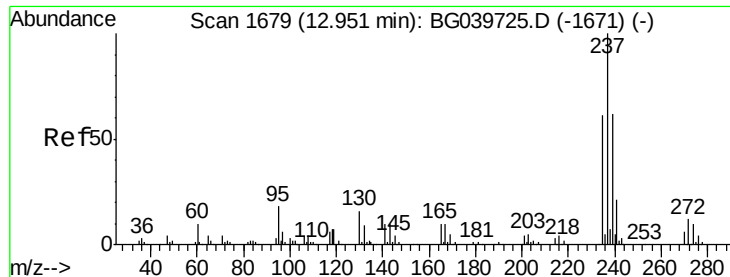
Delta R.T. -0.01 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

Tgt Ion:	216	Resp:	170208
Ion Ratio	Lower	Upper	
216	100		
214	78.6	62.6	94.0
179	20.5	16.6	25.0
108	17.6	14.0	21.0





#41

Hexachlorocyclopentadiene

Concen: 84.724 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

Instrument :

BNA_G

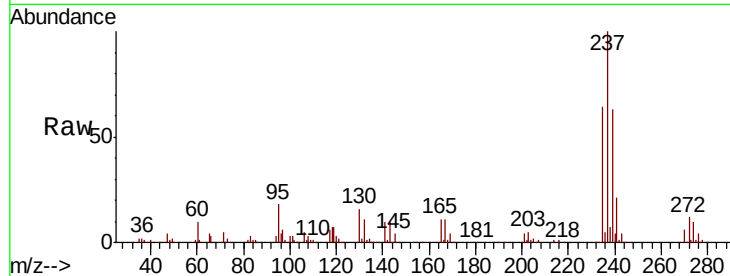
ClientSampleId :

PB117686BS

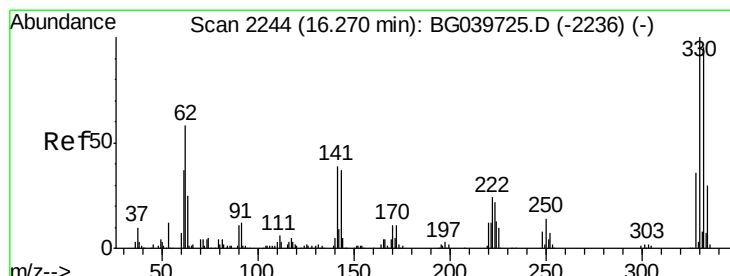
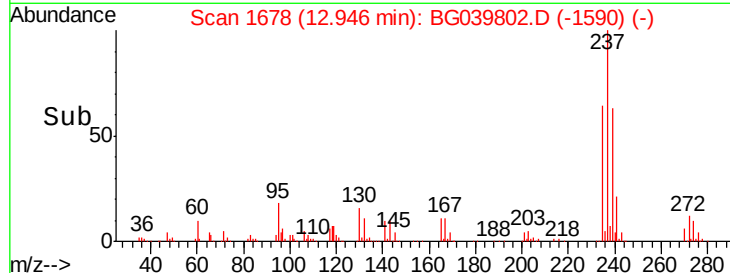
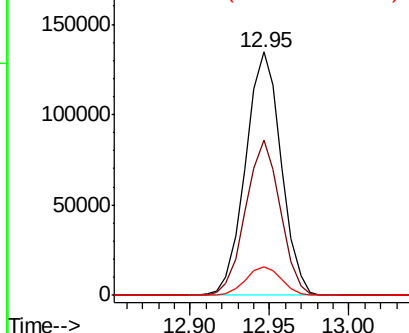
Tot Ion:	237	Resp:	209724
Ion Ratio	Lower	Upper	
237	100		
235	63.9	43.3	83.3
272	11.8	0.0	32.3

Manual Integrations
APPROVED

Sohil
3/8/2019 10:48:43 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: 134.744 ng

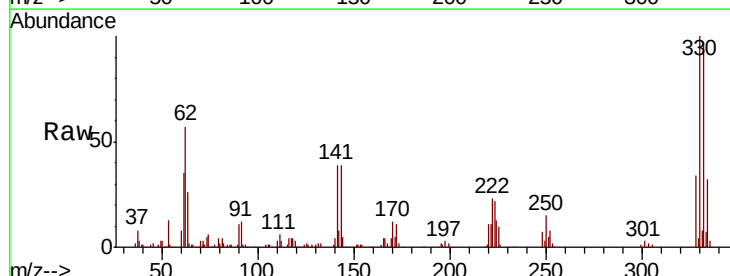
RT: 16.27 min Scan# 2244

Delta R.T. -0.01 min

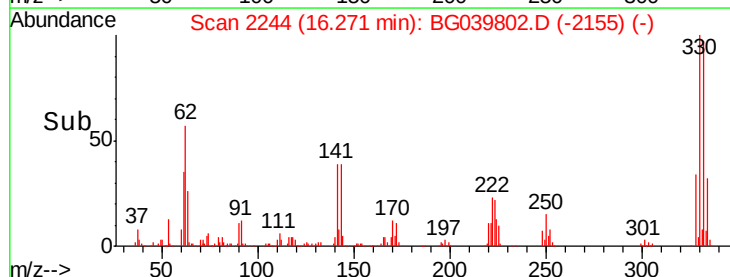
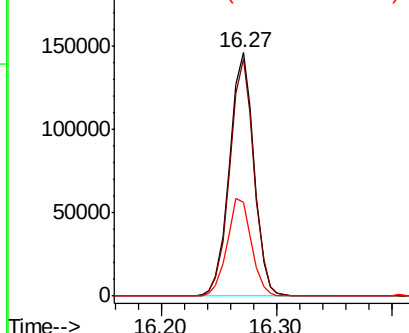
Lab File: BG039802.D

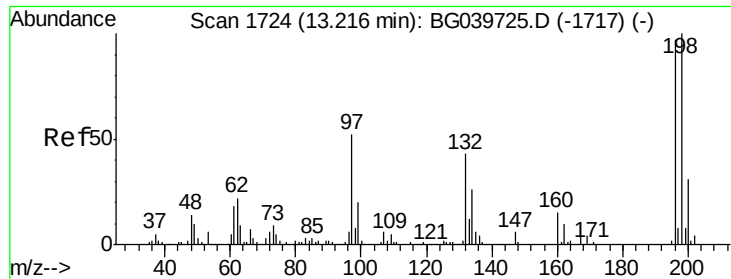
Acq: 7 Mar 2019 14:53

Tgt Ion:	330	Resp:	214139
Ion Ratio	Lower	Upper	
330	100		
332	96.6	75.7	113.5
141	40.1	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





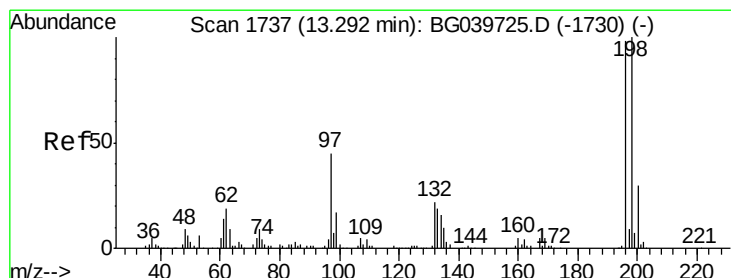
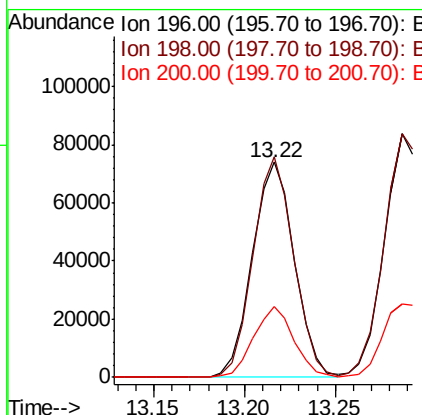
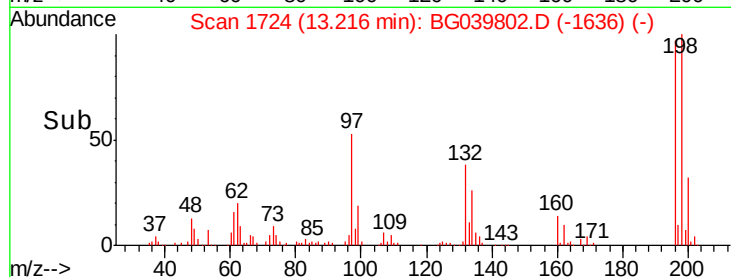
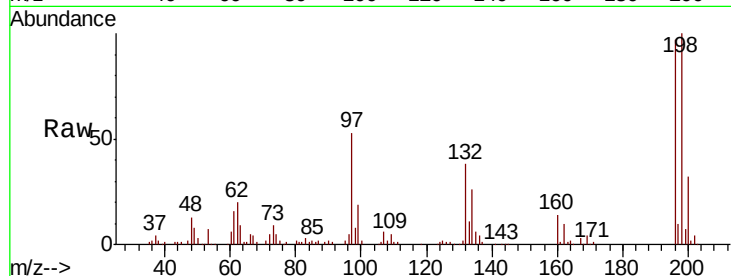
#43
 2,4,6-Trichlorophenol
 Concen: 44.216 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG039802.D
 Acq: 7 Mar 2019 14:53

Instrument :
 BNA_G
 ClientSampled :
 PB117686BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	119571		
198	102.8	80.6	121.0	
200	33.0	26.1	39.1	

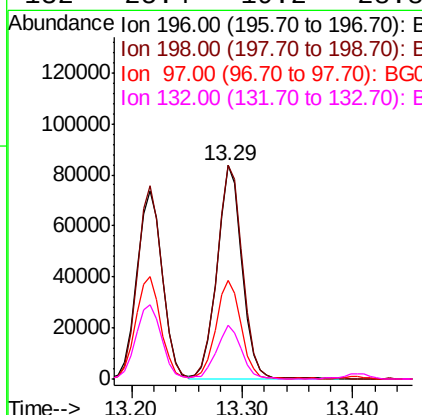
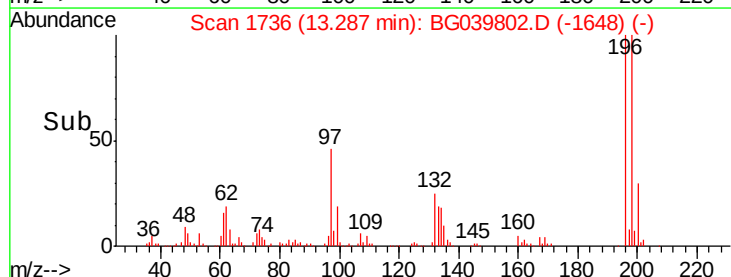
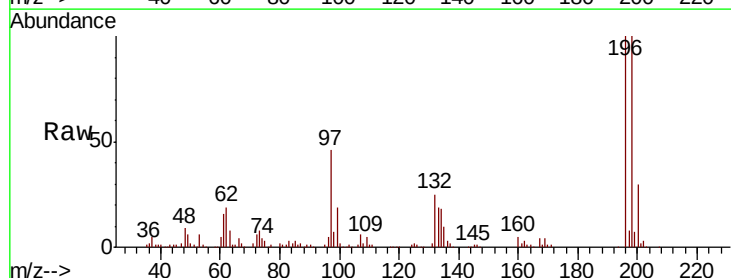
Manual Integrations
 APPROVED

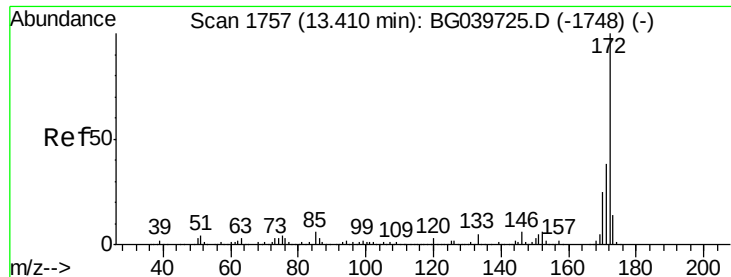
Sohil
 3/8/2019 10:48:43 AM



#44
 2,4,5-Trichlorophenol
 Concen: 42.752 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG039802.D
 Acq: 7 Mar 2019 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	130317		
198	99.9	78.5	117.7	
97	46.2	38.4	57.6	
132	25.4	19.2	28.8	





#45

2-Fluorobiphenyl

Concen: 71.462 ng

RT: 13.40 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

Instrument :

BNA_G

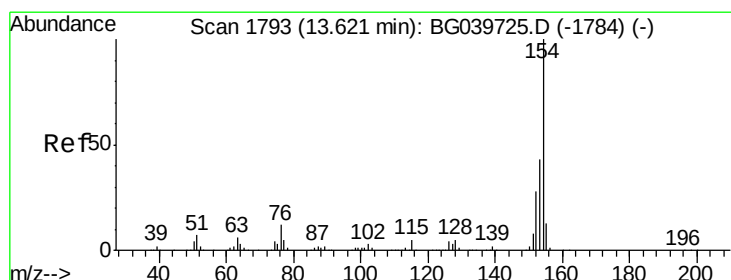
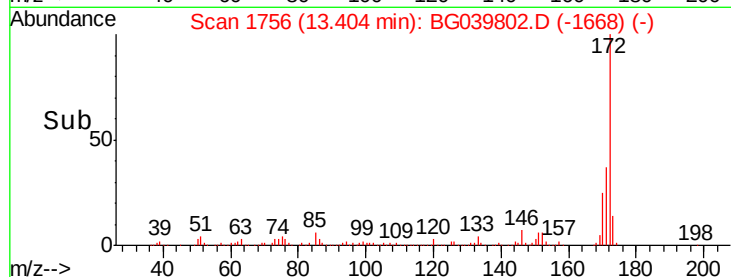
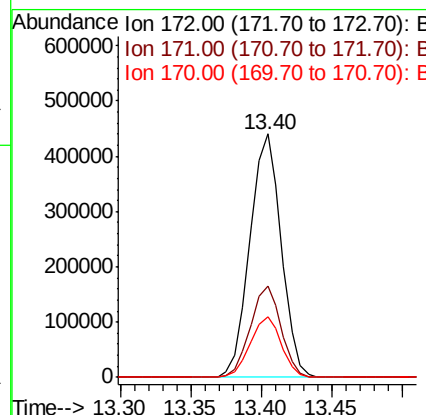
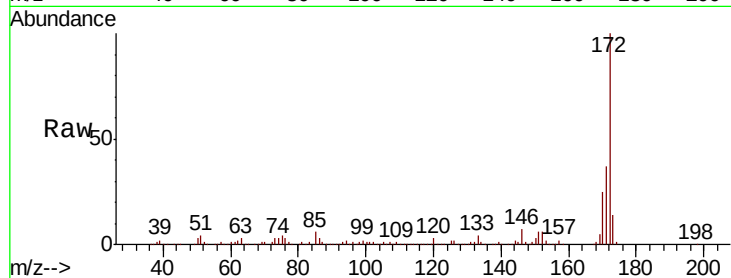
ClientSampleId :

PB117686BS

Tot Ion:	172	Resp:	684322
Ion Ratio	Lower	Upper	
172	100		
171	37.4	30.8	46.2
170	24.6	20.2	30.4

Manual Integrations
APPROVED

Sohil
3/8/2019 10:48:43 AM



#46

1,1'-Biphenyl

Concen: 37.724 ng

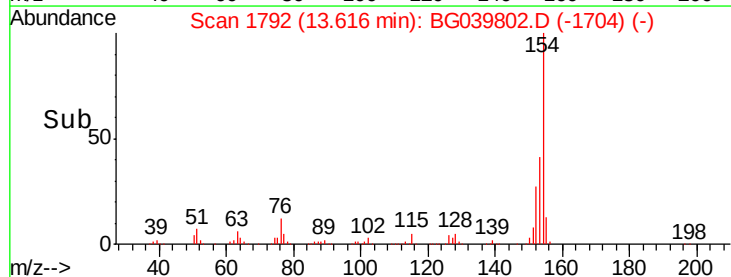
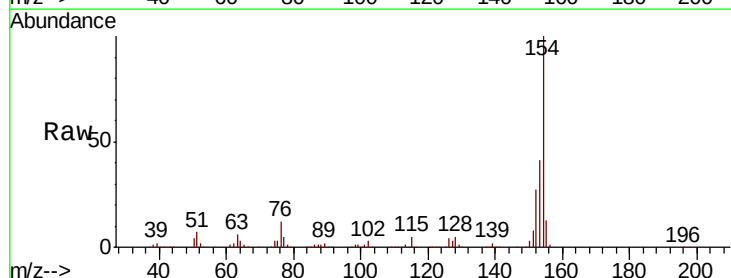
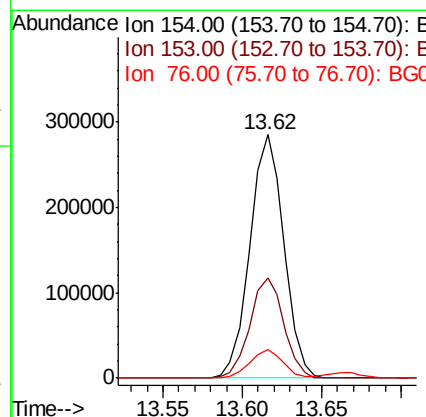
RT: 13.62 min Scan# 1792

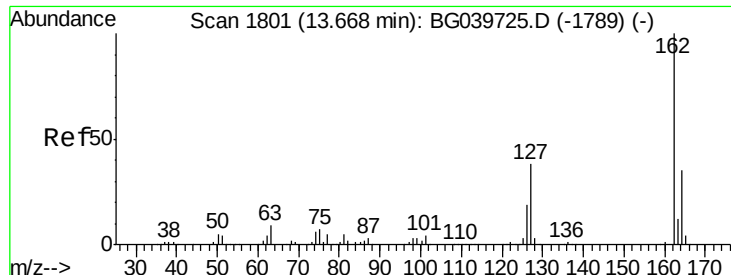
Delta R.T. -0.01 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

Tgt Ion:	154	Resp:	423048
Ion Ratio	Lower	Upper	
154	100		
153	41.1	22.1	62.1
76	11.8	0.0	32.4





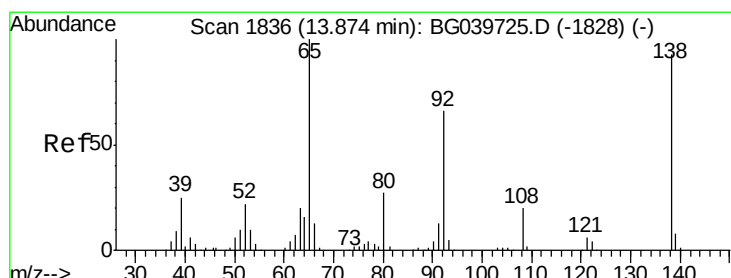
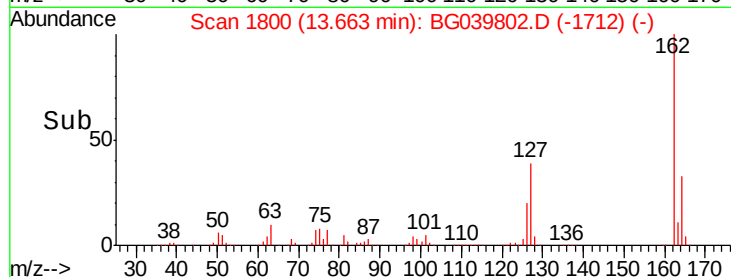
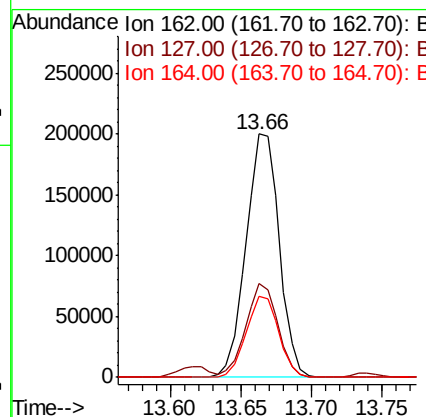
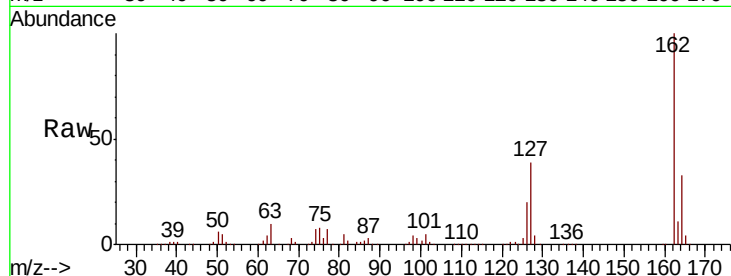
#47
 2-Chloronaphthalene
 Concen: 39.059 ng
 RT: 13.66 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG039802.D
 Acq: 7 Mar 2019 14:53

Instrument :
 BNA_G
 ClientSampleId :
 PB117686BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.6	31.0	46.6
164	33.2	25.7	38.5

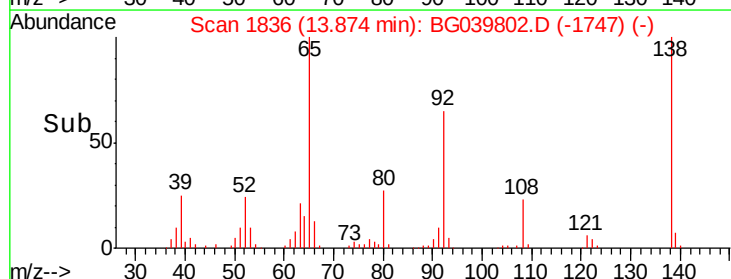
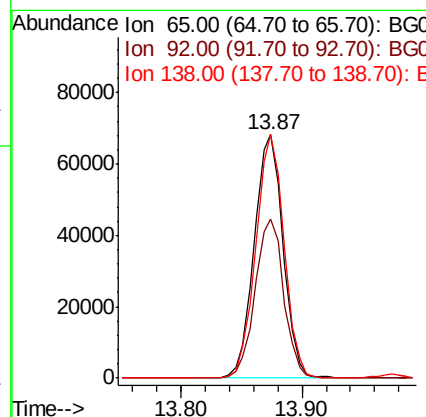
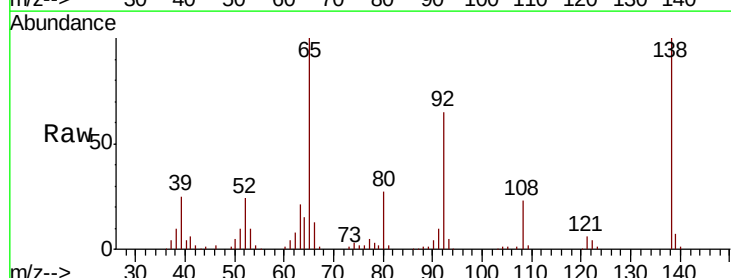
Manual Integrations
 APPROVED

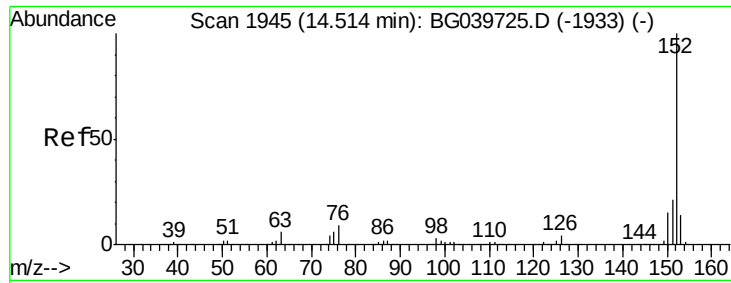
Sohil
 3/8/2019 10:48:43 AM



#48
 2-Nitroaniline
 Concen: 41.809 ng
 RT: 13.87 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BG039802.D
 Acq: 7 Mar 2019 14:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.5	51.4	77.2
138	100.1	71.4	107.2





#49

Acenaphthylene

Concen: 37.614 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

Instrument :

BNA_G

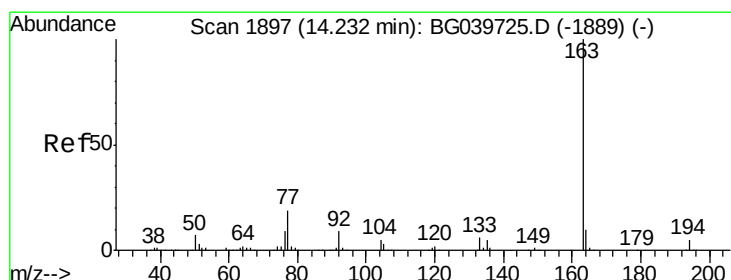
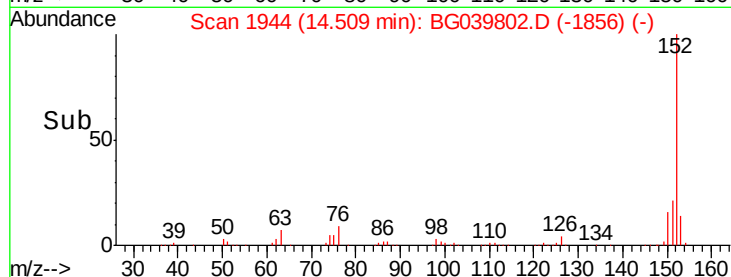
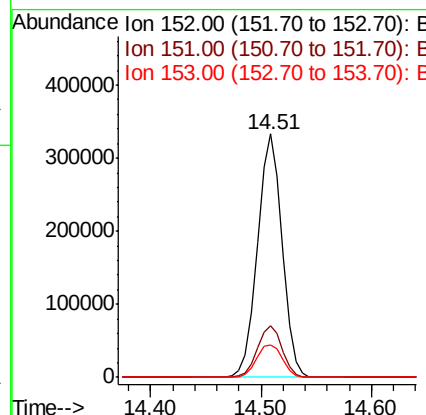
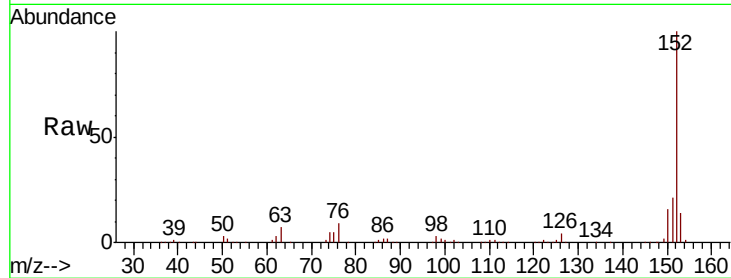
ClientSampleId :

PB117686BS

Tot Ion:	152	Resp:	520929
Ion Ratio	Lower	Upper	
152	100		
151	21.4	16.8	25.2
153	13.5	11.7	17.5

Manual Integrations
APPROVED

Sohil
3/8/2019 10:48:43 AM



#50

Dimethylphthalate

Concen: 38.739 ng

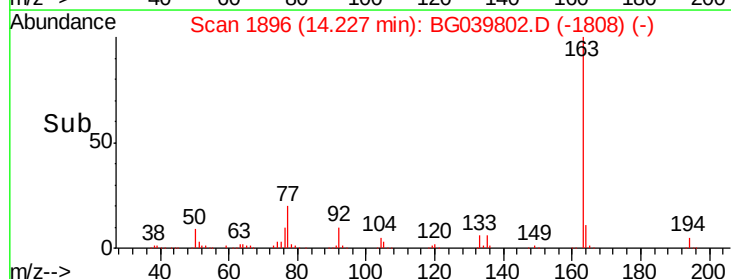
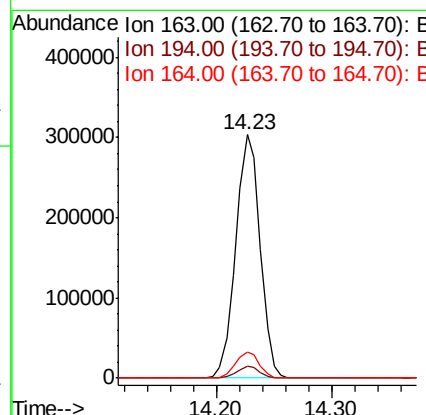
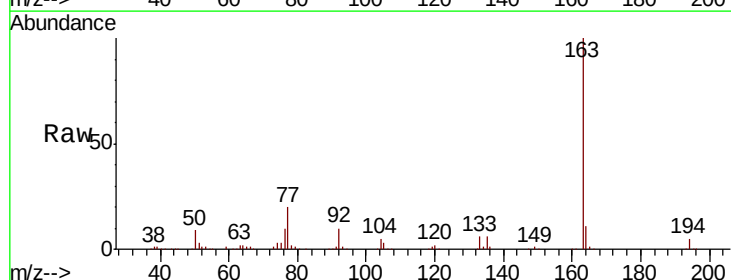
RT: 14.23 min Scan# 1896

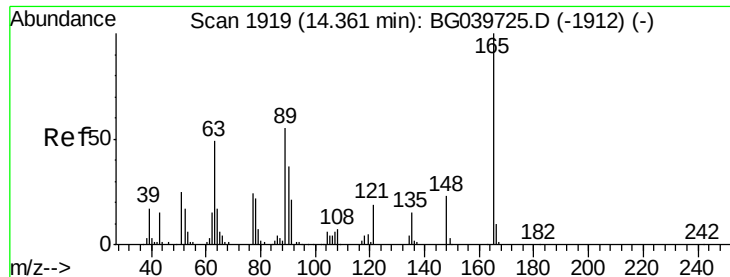
Delta R.T. -0.01 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

Tgt Ion:	163	Resp:	441671
Ion Ratio	Lower	Upper	
163	100		
194	4.9	3.6	5.4
164	10.6	8.4	12.6





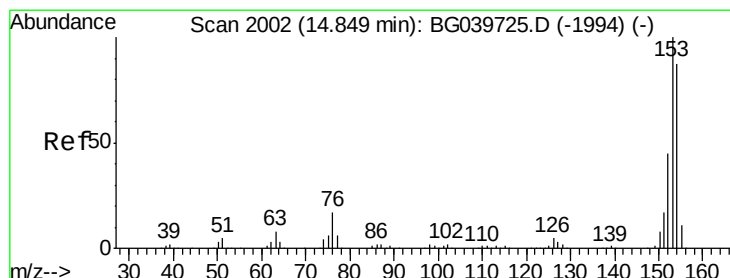
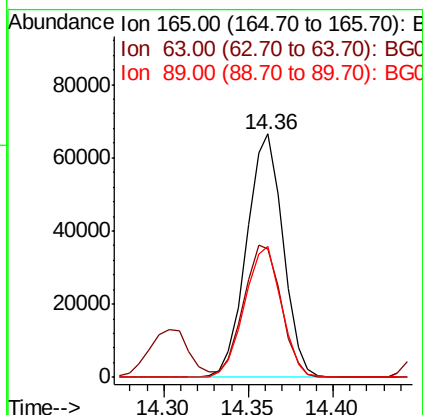
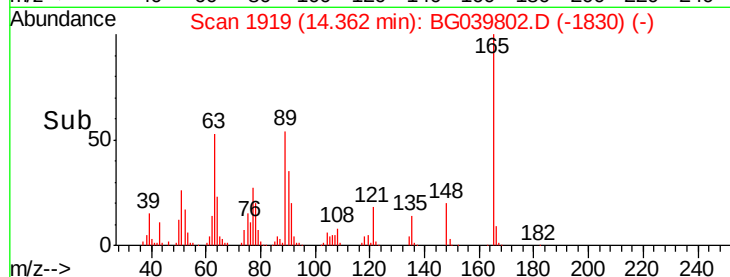
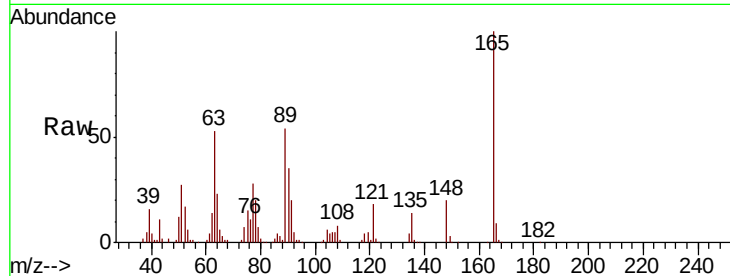
#51
 2,6-Dinitrotoluene
 Concen: 41.305 ng
 RT: 14.36 min Scan# 1919
 Delta R.T. -0.01 min
 Lab File: BG039802.D
 Acq: 7 Mar 2019 14:53

Instrument :
 BNA_G
 ClientSampleId :
 PB117686BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.9	47.0	70.6
89	53.7	45.8	68.8

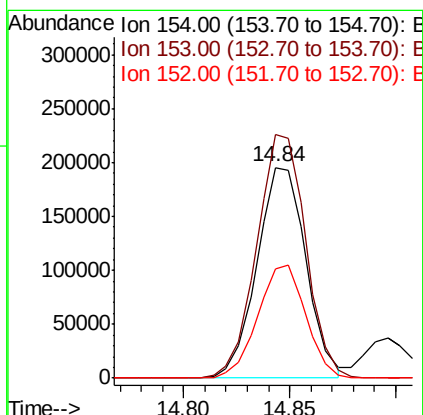
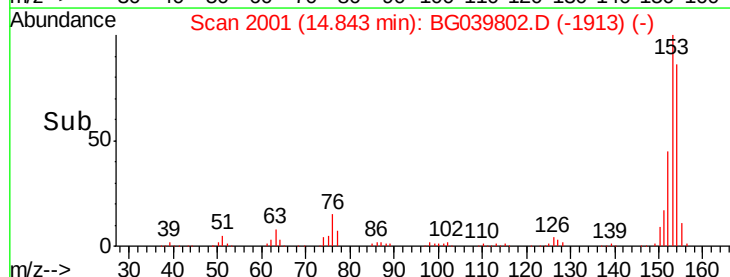
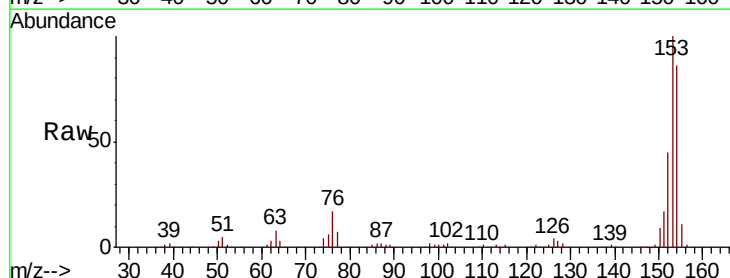
Manual Integrations
 APPROVED

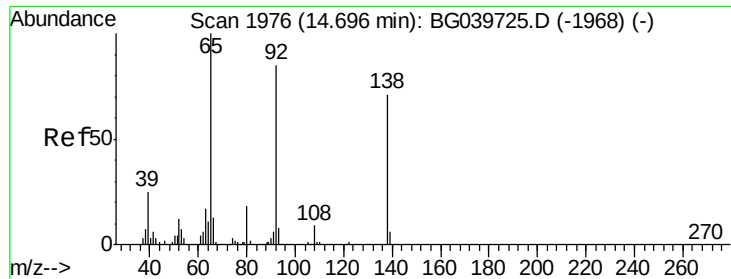
Sohil
 3/8/2019 10:48:43 AM



#52
 Acenaphthene
 Concen: 37.852 ng
 RT: 14.84 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BG039802.D
 Acq: 7 Mar 2019 14:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.7	90.1	135.1
152	51.8	40.9	61.3





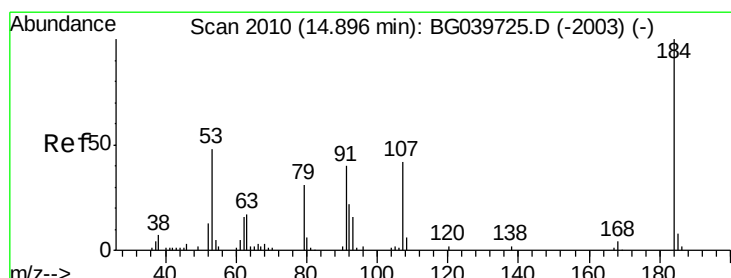
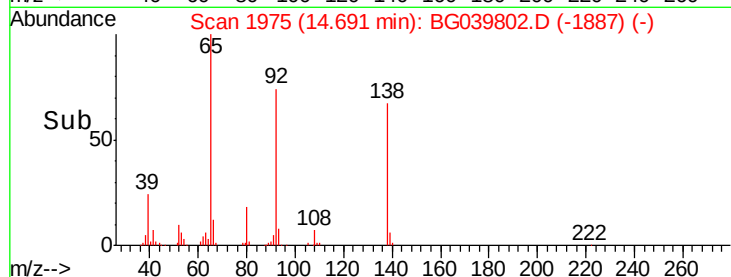
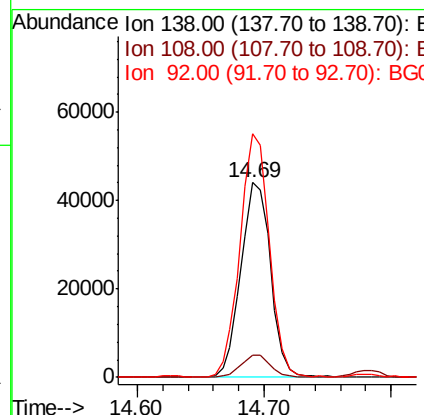
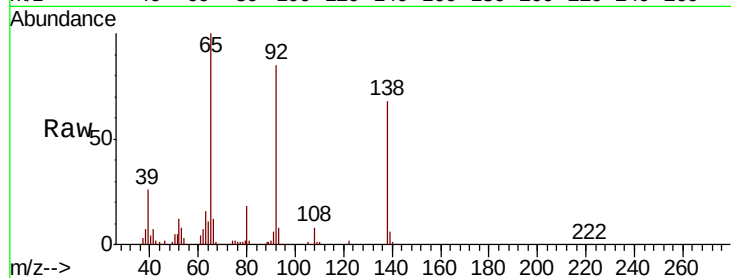
#53
3-Nitroaniline
Concen: 29.445 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Instrument :
BNA_G
ClientSampleId :
PB117686BS

Tot Ion:138 Resp: 71539
Ion Ratio Lower Upper
138 100
108 11.2 13.8 20.8#
92 125.2 103.7 155.5

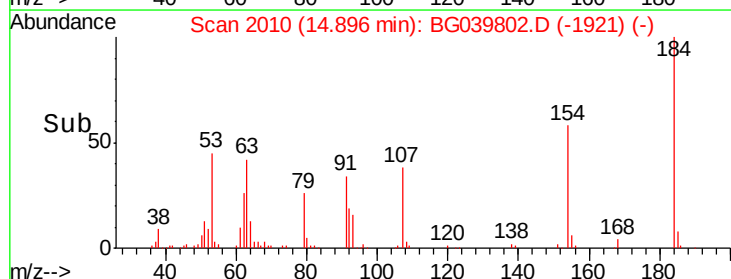
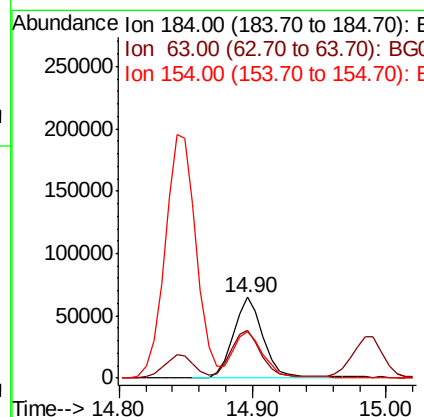
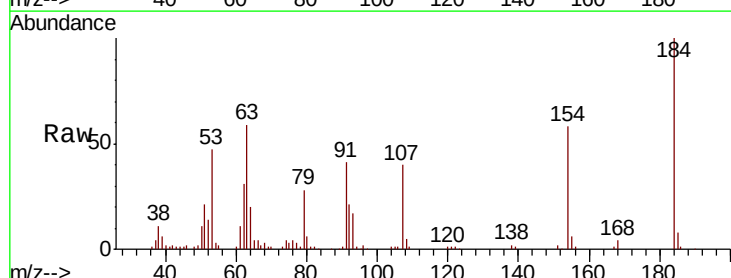
Manual Integrations
APPROVED

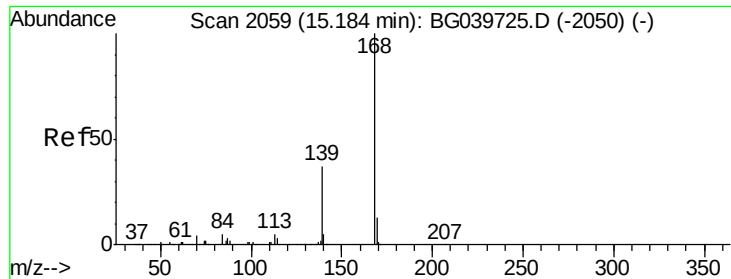
Sohil
3/8/2019 10:48:43 AM



#54
2,4-Dinitrophenol
Concen: 67.671 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Tgt Ion:184 Resp: 101825
Ion Ratio Lower Upper
184 100
63 58.5 50.9 76.3
154 58.1 53.0 79.6





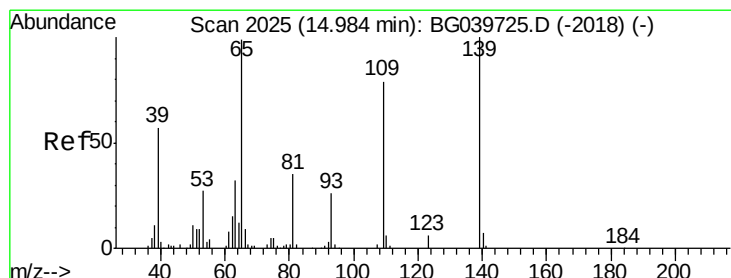
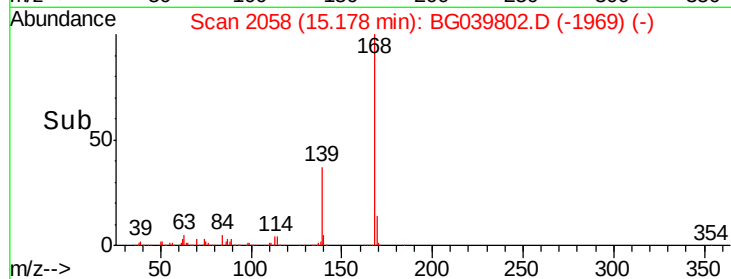
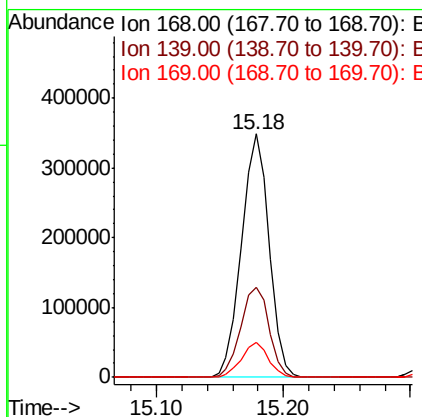
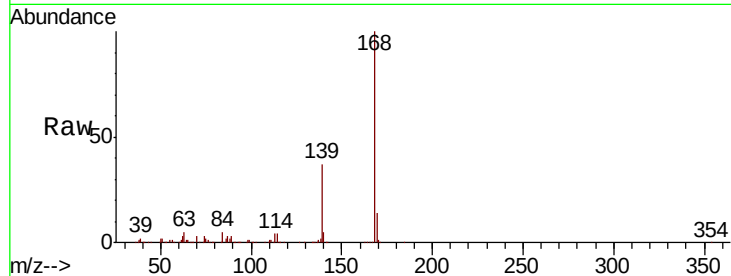
#55
Dibenzenofuran
Concen: 38.379 ng
RT: 15.18 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Instrument :
BNA_G
ClientSampleId :
PB117686BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.9	30.1	45.1
169	14.2	10.6	16.0

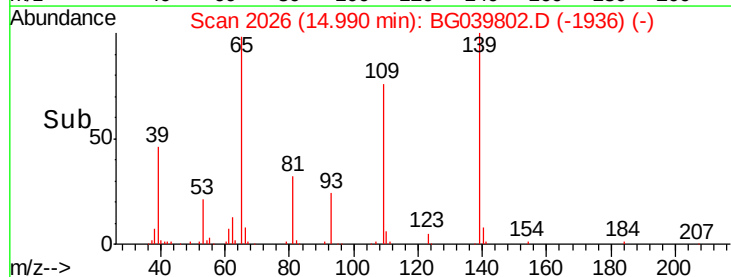
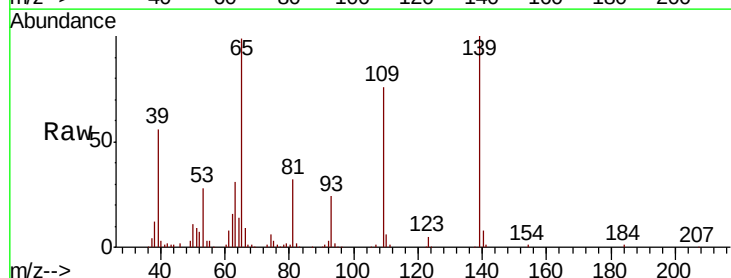
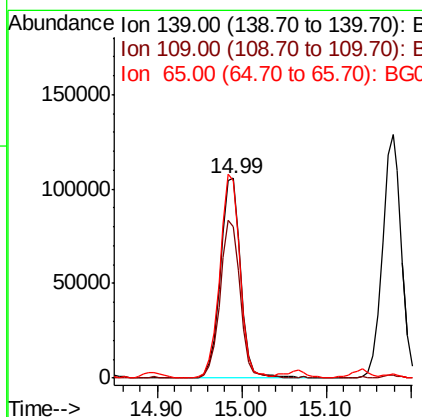
Manual Integrations
APPROVED

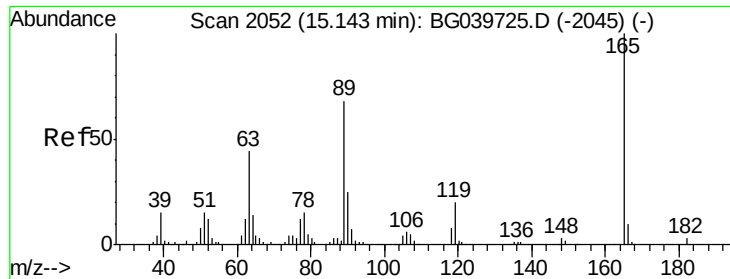
Sohil
3/8/2019 10:48:43 AM



#56
4-Nitrophenol
Concen: 81.133 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.9	61.9	101.9
65	99.1	99.1	139.1





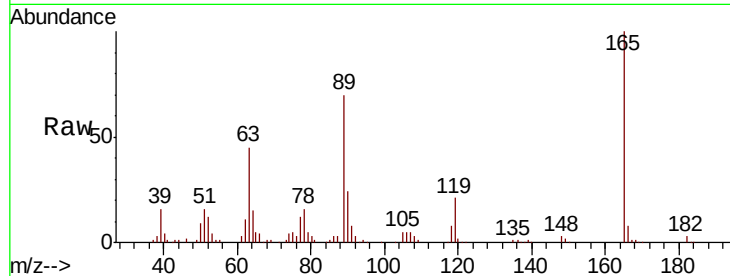
#57
 2,4-Dinitrotoluene
 Concen: 41.736 ng
 RT: 15.14 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BG039802.D
 Acq: 7 Mar 2019 14:53

Instrument :
 BNA_G
 ClientSampled :
 PB117686BS

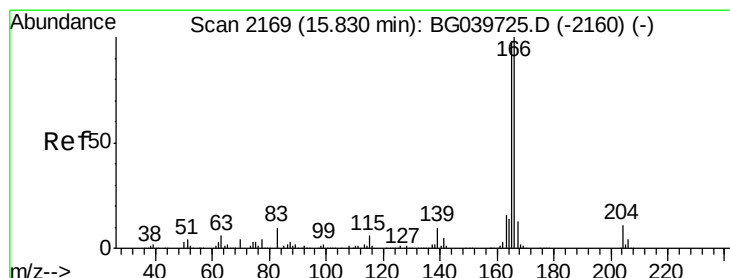
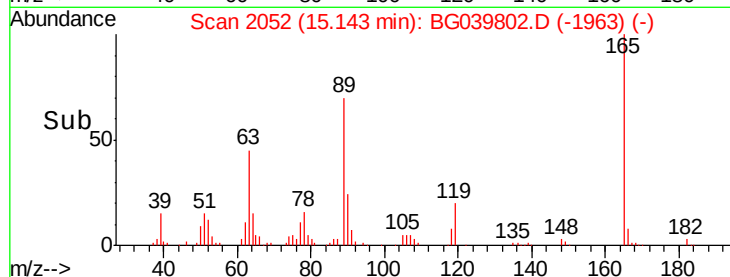
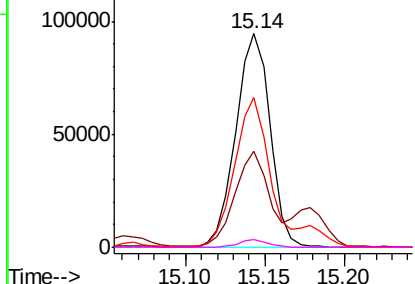
Tot Ion	Ratio	Resp	Lower	Upper
165	100	141742		
63	44.8	41.0	61.6	
89	70.2	64.6	96.8	
182	3.4	2.0	3.0	

Manual Integrations
 APPROVED

Sohil
 3/8/2019 10:48:43 AM

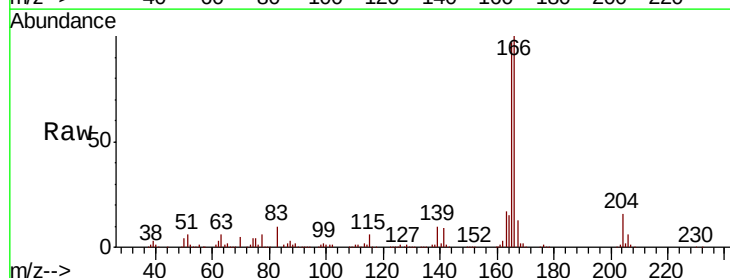


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

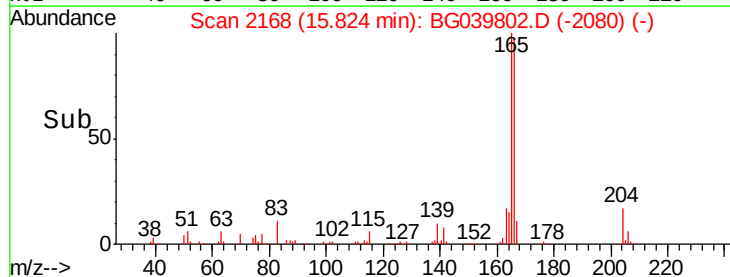
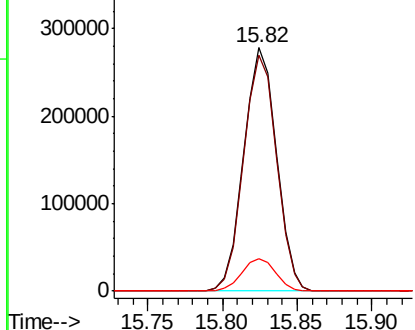


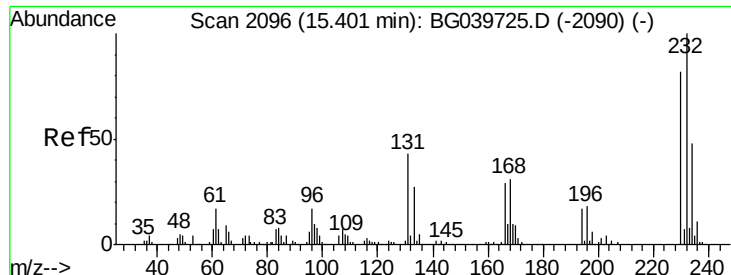
#58
 Fluorene
 Concen: 39.325 ng
 RT: 15.82 min Scan# 2168
 Delta R.T. -0.01 min
 Lab File: BG039802.D
 Acq: 7 Mar 2019 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	422793		
165	96.9	77.9	116.9	
167	13.1	10.8	16.2	



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





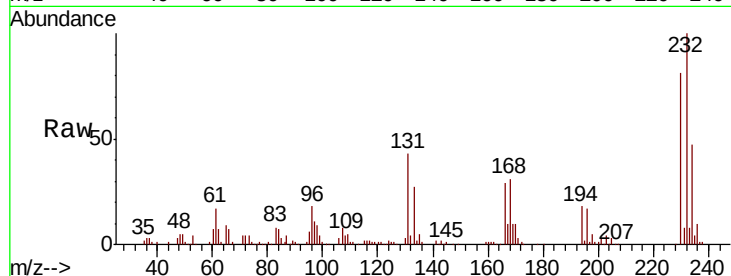
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.581 ng
 RT: 15.40 min Scan# 2095
 Delta R.T. -0.01 min
 Lab File: BG039802.D
 Acq: 7 Mar 2019 14:53

Instrument :
 BNA_G
 ClientSampleId :
 PB117686BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	132716		
131	41.8		34.9	52.3
130	2.4		2.0	3.0
166	30.4		24.1	36.1

Manual Integrations
 APPROVED

Sohil
 3/8/2019 10:48:43 AM



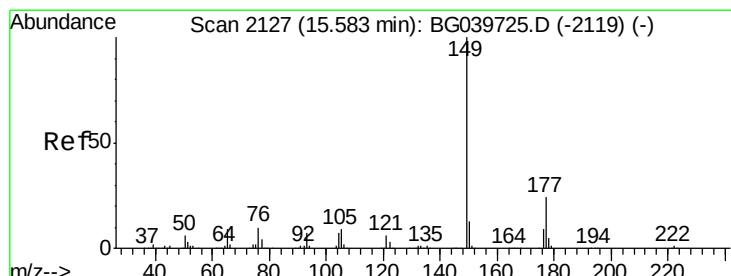
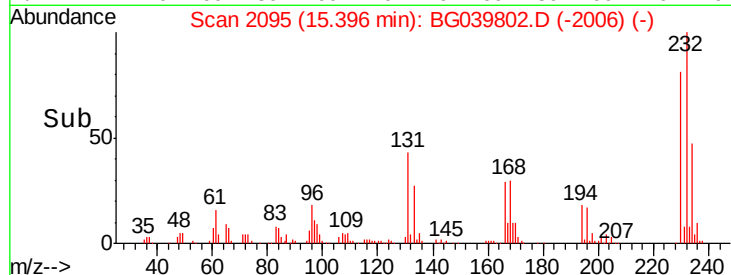
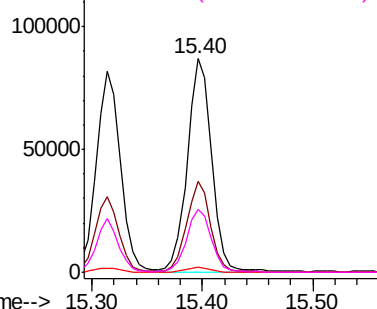
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

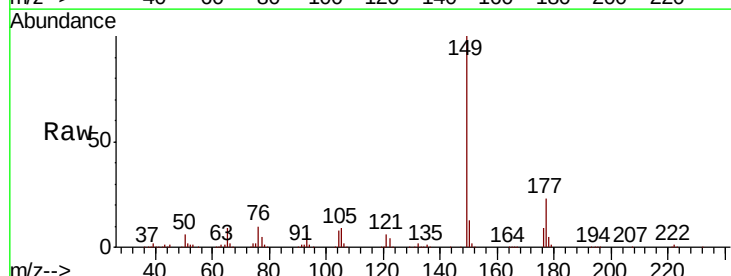
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 40.147 ng
 RT: 15.58 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BG039802.D
 Acq: 7 Mar 2019 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	453116		
177	23.4		18.3	27.5
150	13.5		10.2	15.2

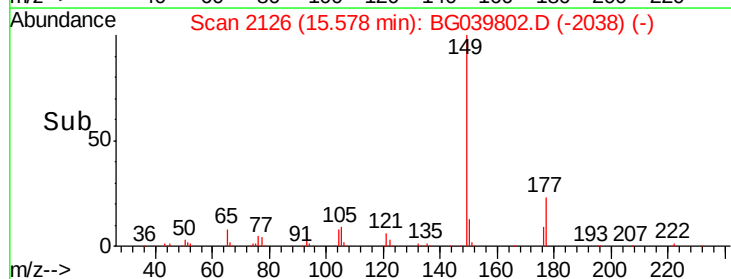
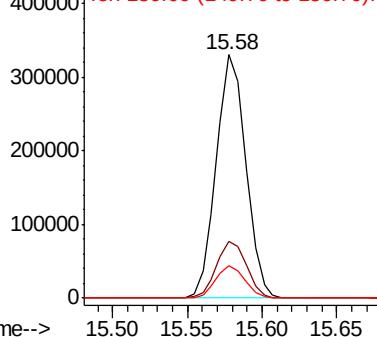


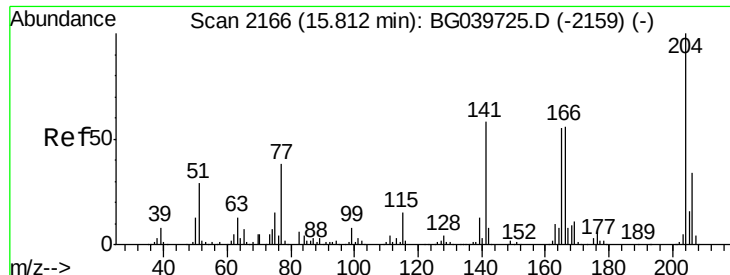
Abundance

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





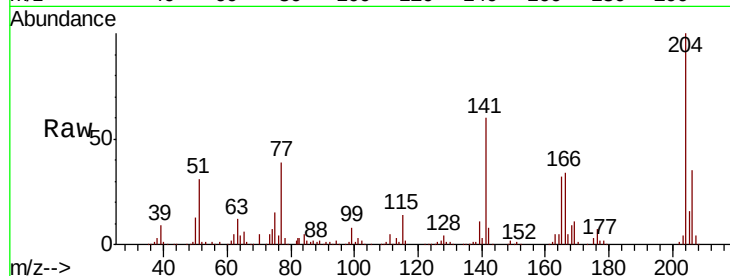
#61
4-Chlorophenyl-phenylether
Concen: 39.471 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Instrument :
BNA_G
ClientSampleId :
PB117686BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.1	29.2	43.8
141	60.1	49.0	73.4

Manual Integrations
APPROVED

Sohil
3/8/2019 10:48:43 AM

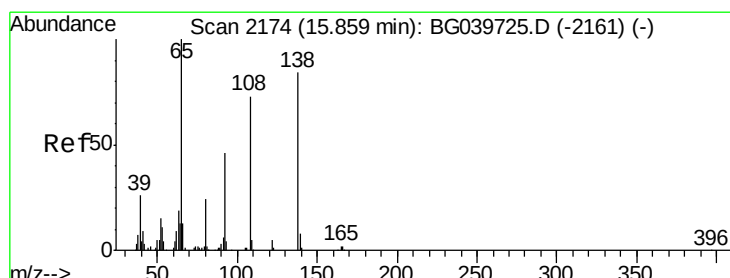
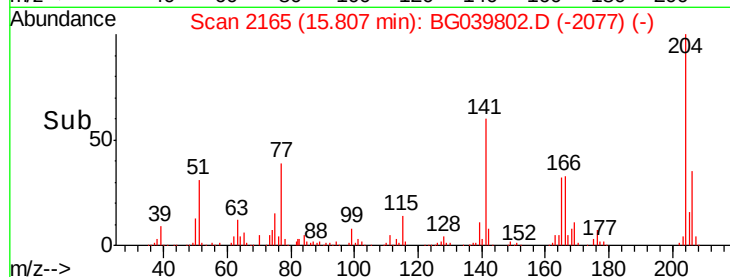
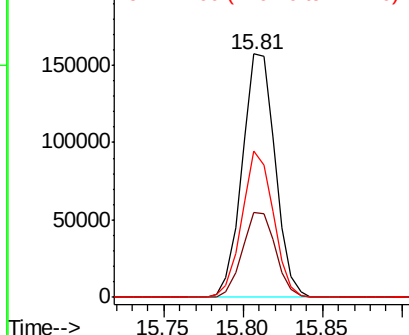


Abundance

Ion 204.00 (203.70 to 204.70): E

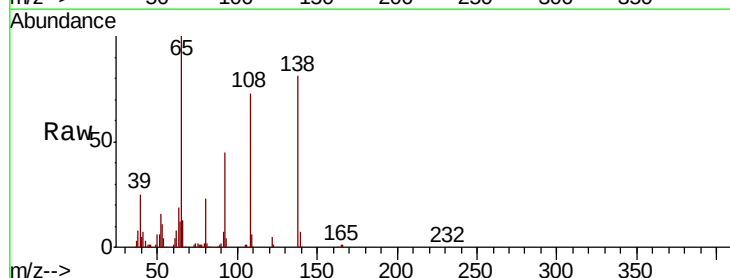
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 39.922 ng
RT: 15.86 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.5	38.7	78.7
108	89.5	74.6	114.6

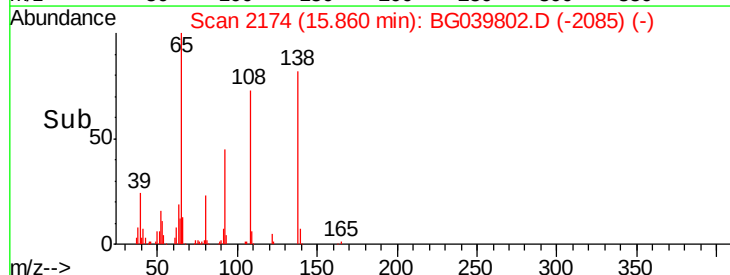
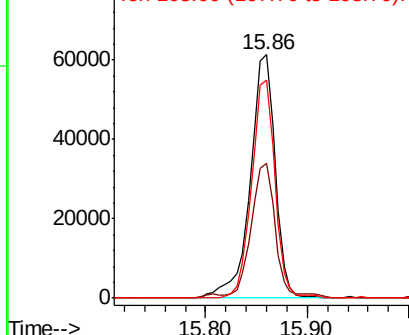


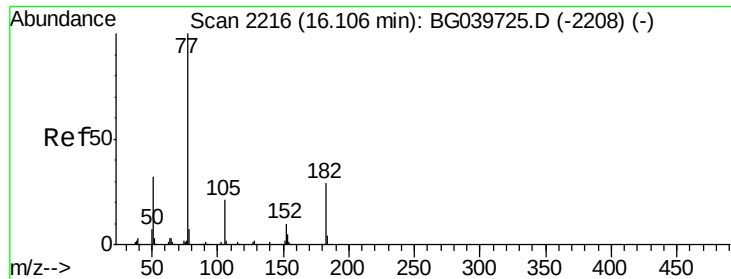
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





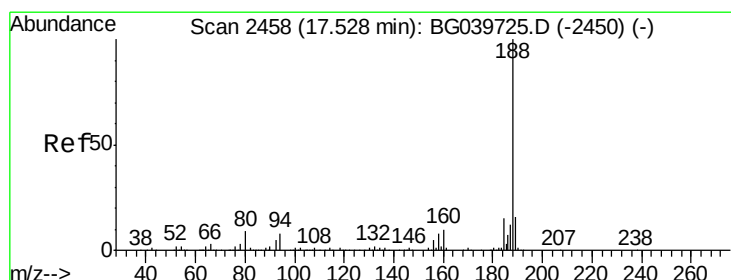
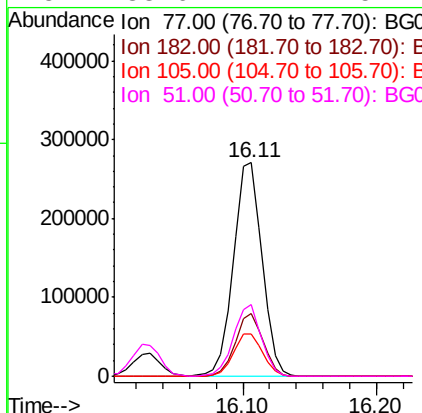
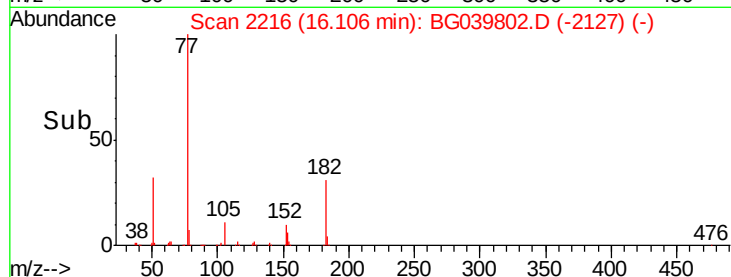
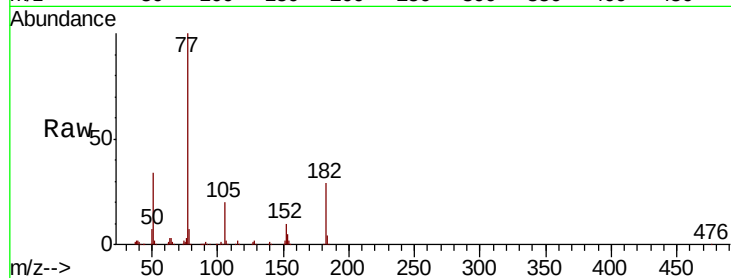
#63
Azobenzene
Concen: 39.422 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Instrument :
BNA_G
ClientSampleId :
PB117686BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		403318		
182	29.2	6.4	46.4		
105	20.0	0.0	39.8		
51	33.6	14.1	54.1		

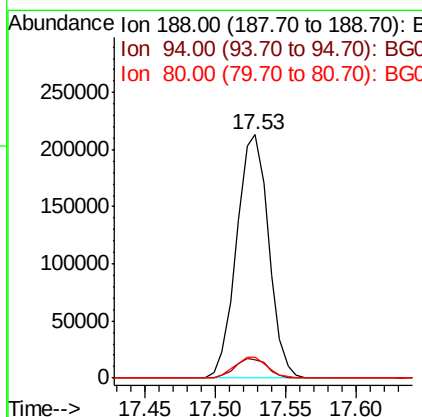
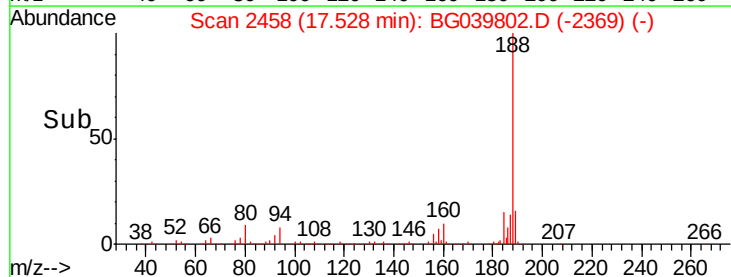
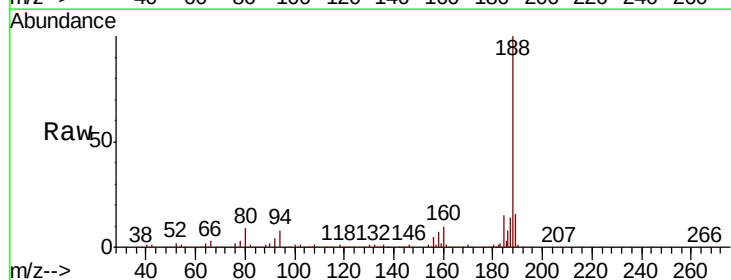
Manual Integrations
APPROVED

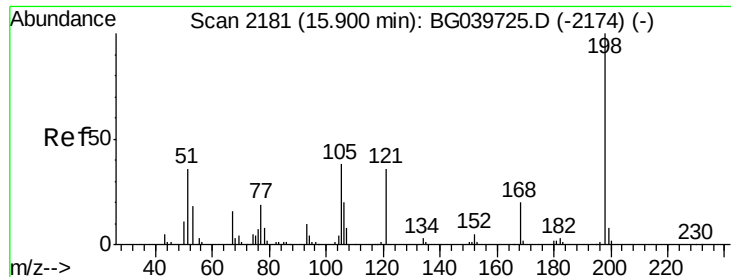
Sohil
3/8/2019 10:48:43 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		338020		
94	7.5	6.9	10.3		
80	8.8	8.1	12.1		





#65

4,6-Dinitro-2-methylphenol

Concen: 39.773 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

Instrument :

BNA_G

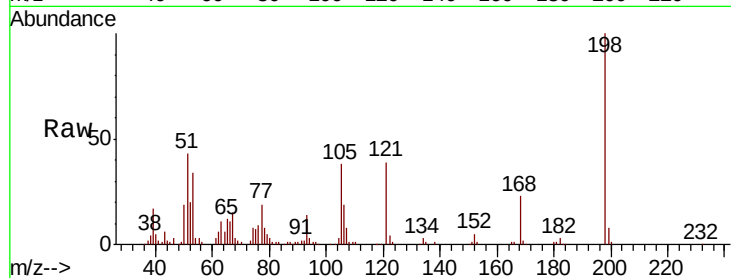
ClientSampleId :

PB117686BS

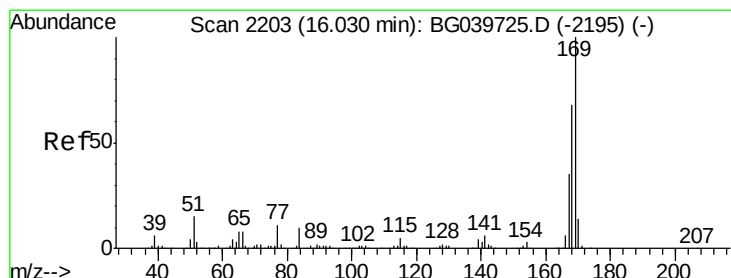
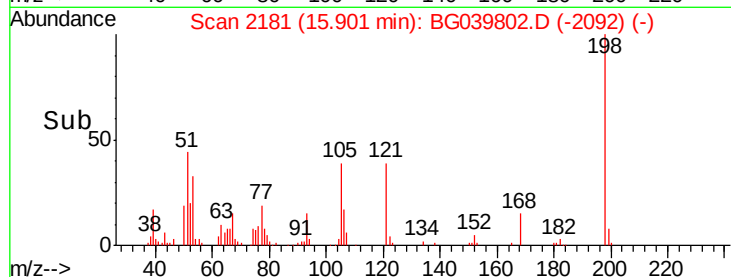
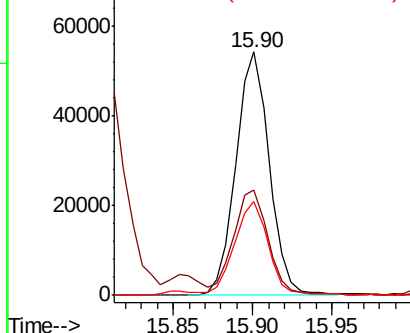
Tot Ion:	198	Resp:	79490
Ion Ratio	Lower	Upper	
198	100		
51	43.4	27.4	67.4
105	38.4	19.7	59.7

Manual Integrations
APPROVED

Sohil
3/8/2019 10:48:43 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: 39.709 ng

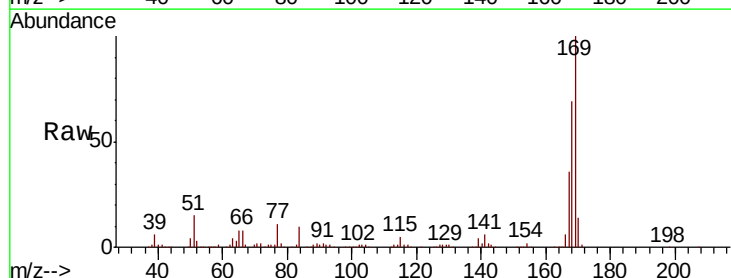
RT: 16.03 min Scan# 2203

Delta R.T. -0.01 min

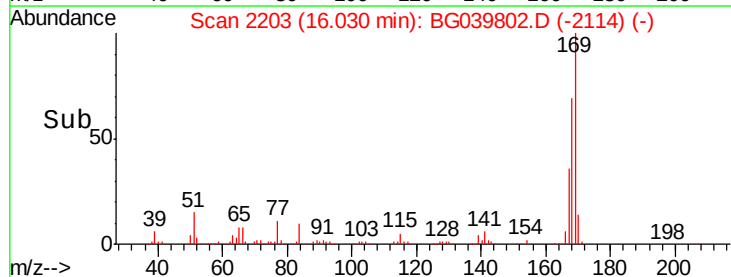
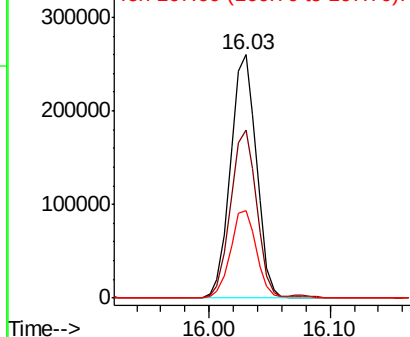
Lab File: BG039802.D

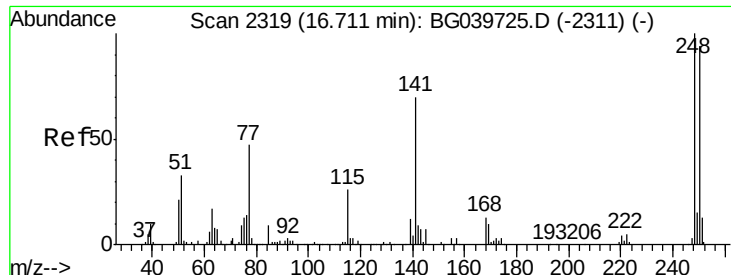
Acq: 7 Mar 2019 14:53

Tgt Ion:	169	Resp:	388585
Ion Ratio	Lower	Upper	
169	100		
168	69.1	56.6	85.0
167	35.9	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





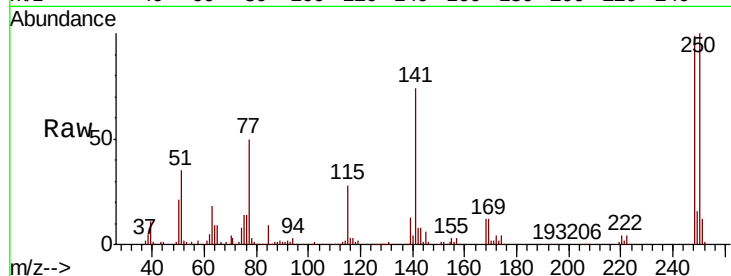
#67
4-Bromophenyl-phenylether
Concen: 38.383 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Instrument :
BNA_G
ClientSampled :
PB117686BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	101.3	77.6	116.4
141	74.8	63.9	95.9

Manual Integrations
APPROVED

Sohil
3/8/2019 10:48:43 AM

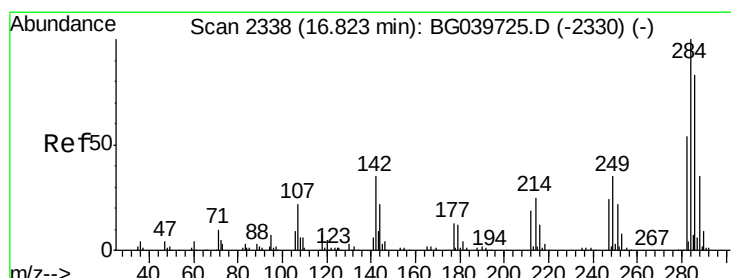
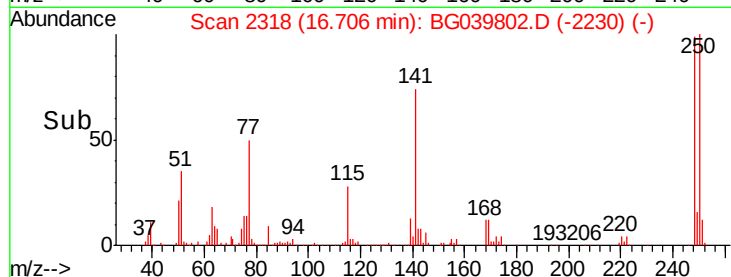
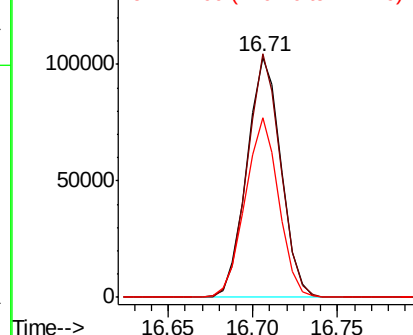


Abundance

Ion 248.00 (247.70 to 248.70): E

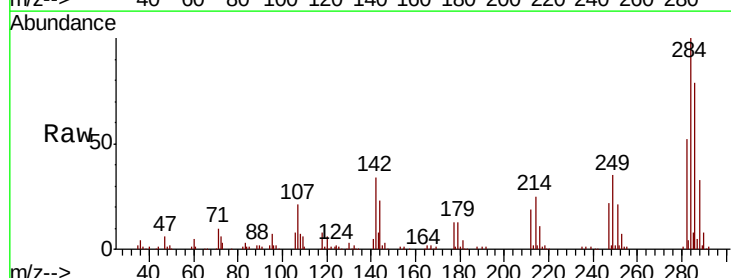
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.019 ng
RT: 16.82 min Scan# 2337
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.5	30.6	45.8
249	35.4	28.2	42.2

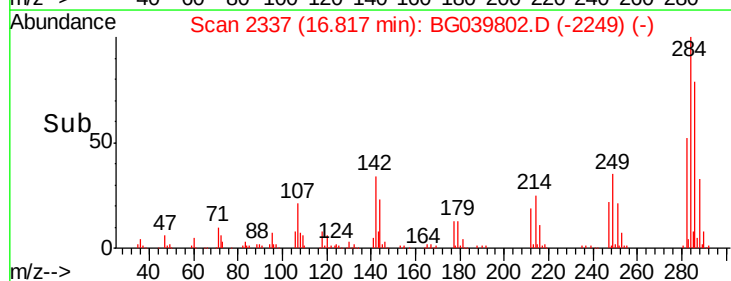
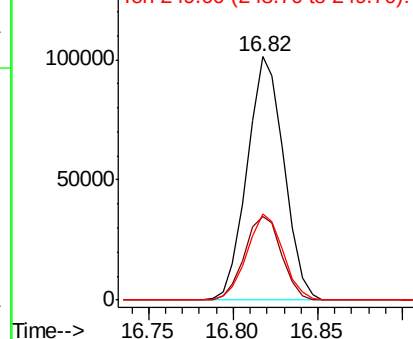


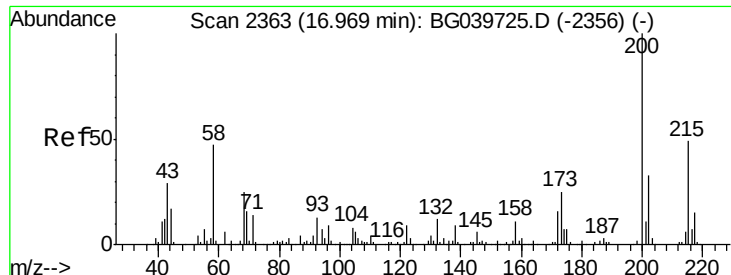
Abundance

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





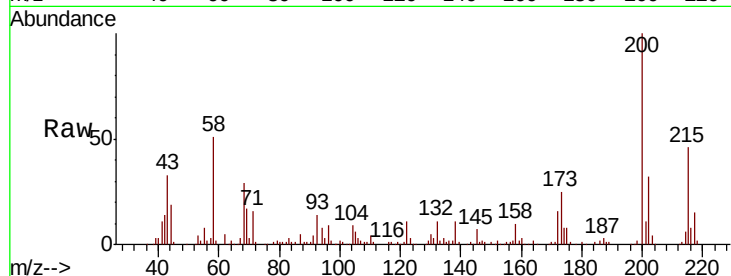
#69
 Atrazine
 Concen: 40.738 ng
 RT: 16.96 min Scan# 2362
 Delta R.T. -0.01 min
 Lab File: BG039802.D
 Acq: 7 Mar 2019 14:53

Instrument :
 BNA_G
 ClientSampleId :
 PB117686BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	156894		
173	24.6	3.9	43.9	
215	46.3	30.9	70.9	

Manual Integrations
 APPROVED

Sohil
 3/8/2019 10:48:43 AM

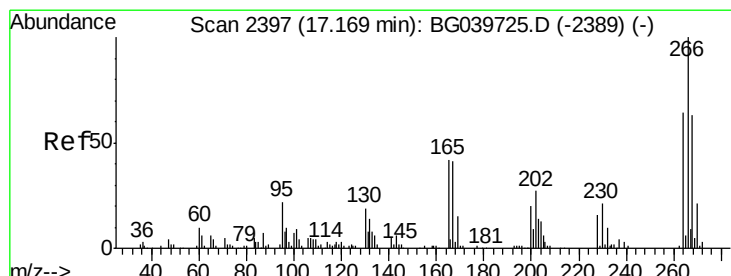
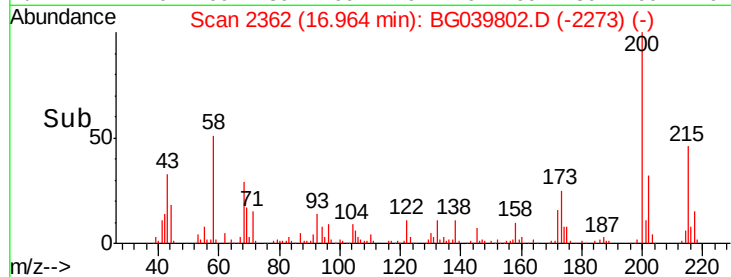
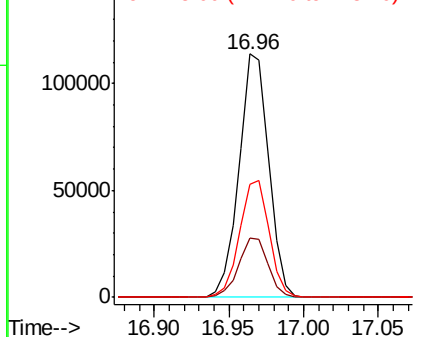


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 77.776 ng
 RT: 17.16 min Scan# 2396
 Delta R.T. -0.01 min
 Lab File: BG039802.D
 Acq: 7 Mar 2019 14:53

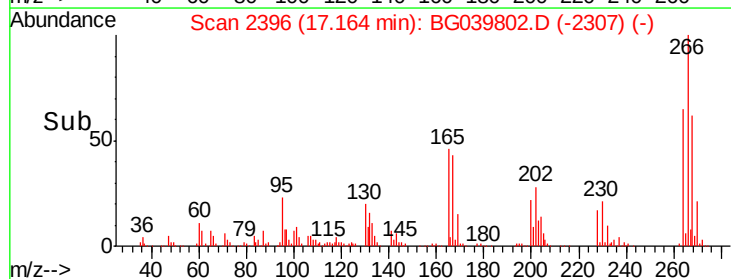
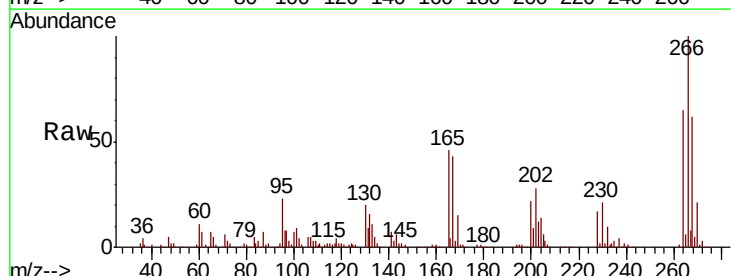
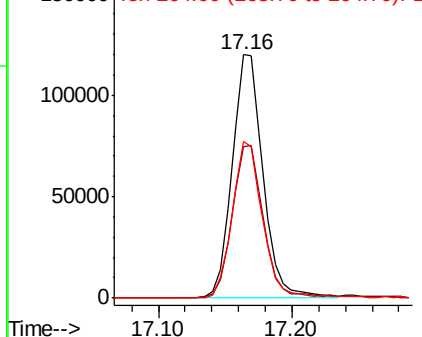
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	192644		
268	62.2	51.1	76.7	
264	64.5	52.1	78.1	

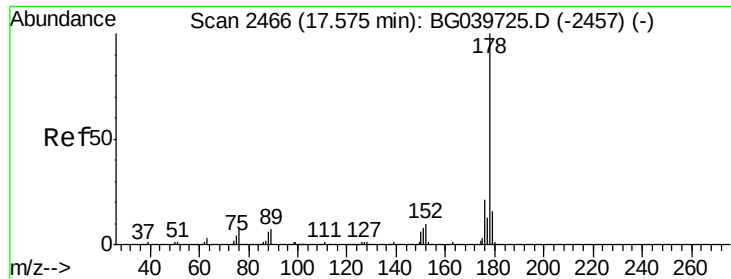
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





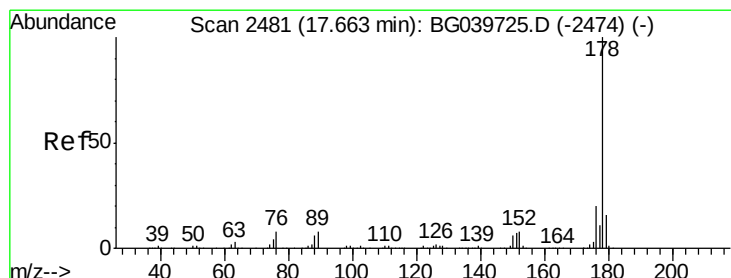
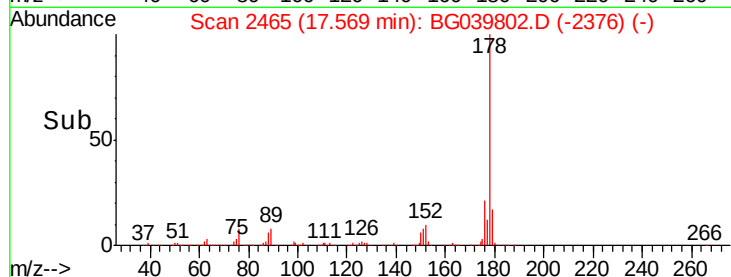
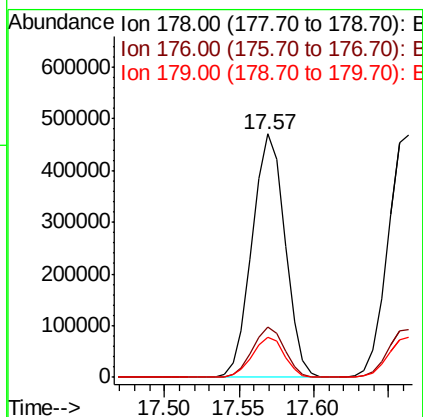
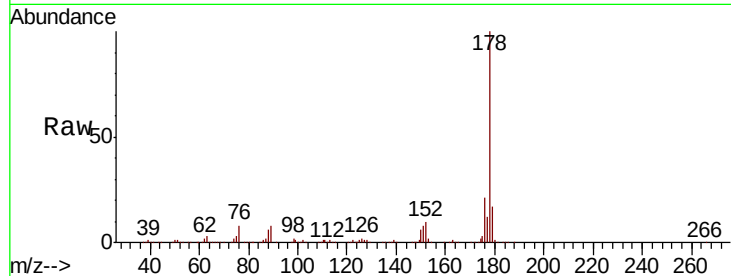
#71
Phenanthrene
Concen: 38.419 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Instrument :
BNA_G
ClientSampleId :
PB117686BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.2	24.4
179	16.6	12.6	19.0

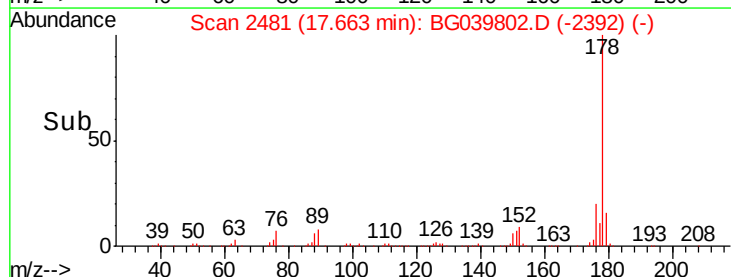
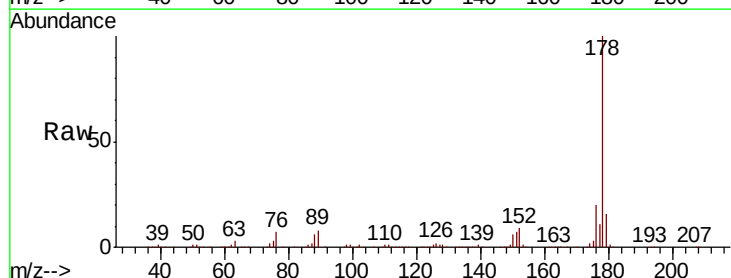
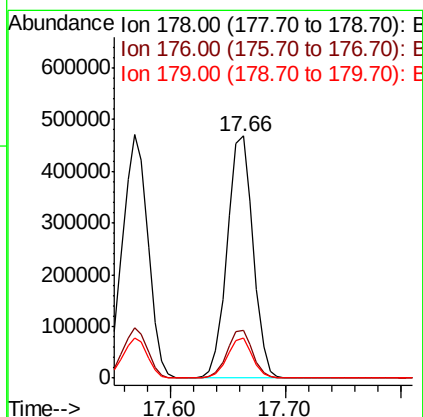
Manual Integrations
APPROVED

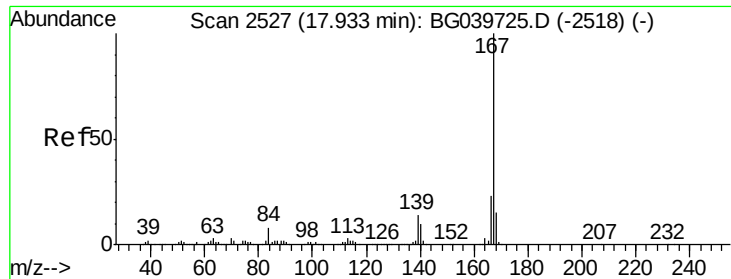
Sohil
3/8/2019 10:48:43 AM



#72
Anthracene
Concen: 39.929 ng
RT: 17.66 min Scan# 2481
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.6
179	16.4	12.5	18.7





#73

Carbazole

Concen: 38.723 ng

RT: 17.93 min Scan# 2527

Delta R.T. -0.01 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

Instrument :

BNA_G

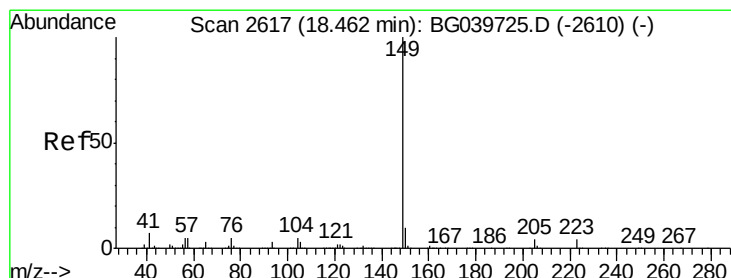
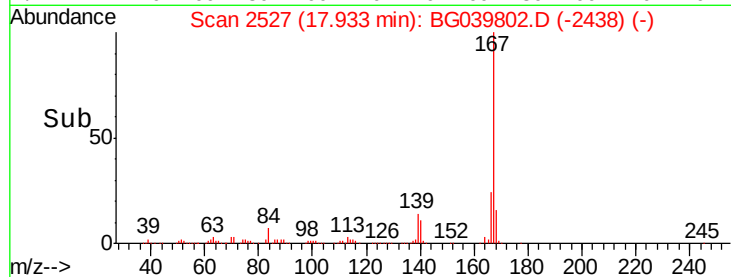
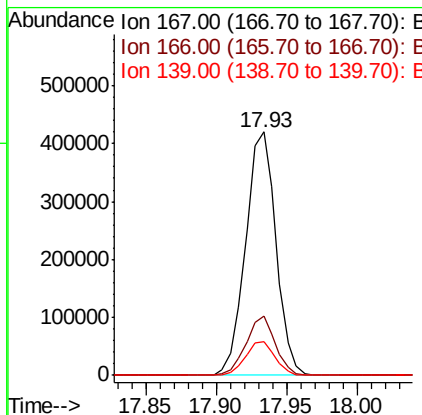
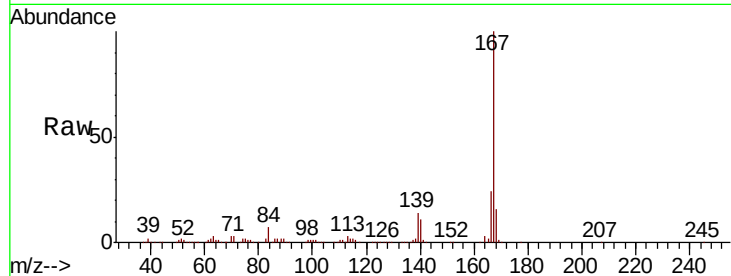
ClientSampleId :

PB117686BS

Tot Ion:	167	Resp:	633379
Ion Ratio	Lower	Upper	
167	100		
166	24.2	19.4	29.2
139	13.7	10.8	16.2

Manual Integrations
APPROVED

Sohil
3/8/2019 10:48:43 AM



#74

Di-n-butylphthalate

Concen: 40.760 ng

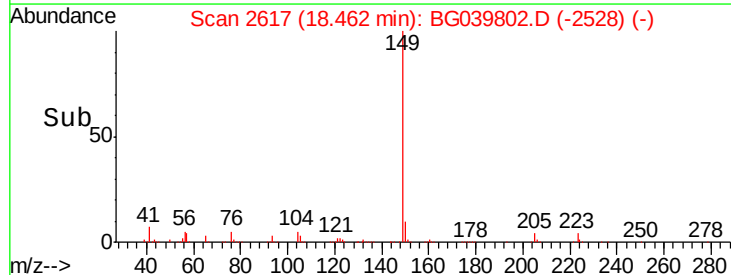
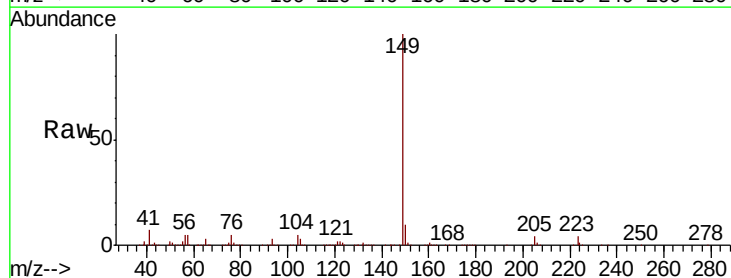
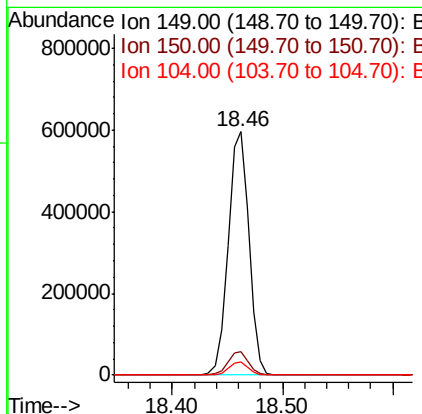
RT: 18.46 min Scan# 2617

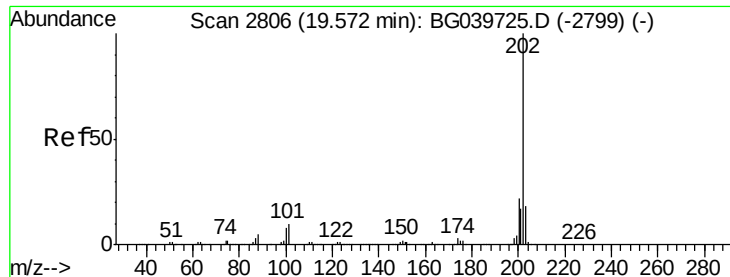
Delta R.T. -0.01 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

Tgt Ion:	149	Resp:	784407
Ion Ratio	Lower	Upper	
149	100		
150	9.8	7.7	11.5
104	5.5	4.5	6.7





#75

Fluoranthene

Concen: 38.830 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

Instrument :

BNA_G

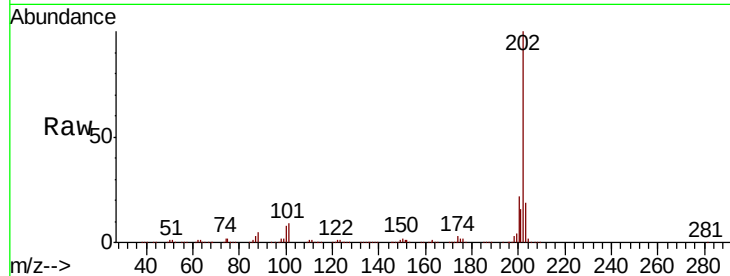
ClientSampleId :

PB117686BS

Tot Ion:	202	Resp:	854412
Ion Ratio	Lower	Upper	
202	100		
101	9.4	0.0	30.0
203	18.8	0.0	38.9

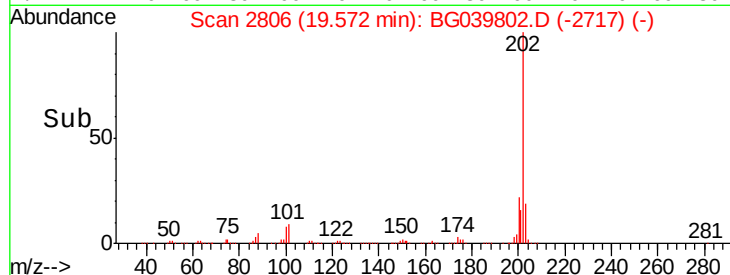
Manual Integrations
APPROVED

Sohil
3/8/2019 10:48:43 AM

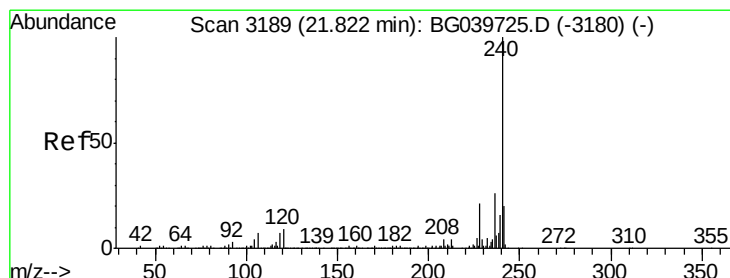


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

19.57



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

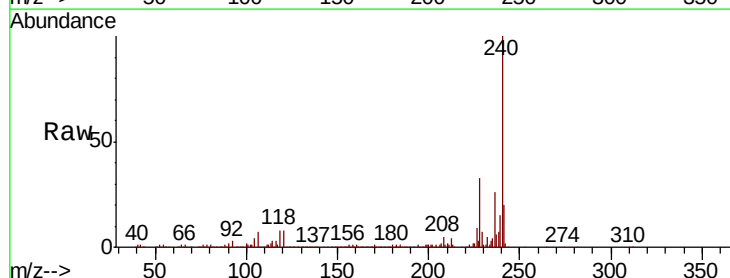
RT: 21.82 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG039802.D

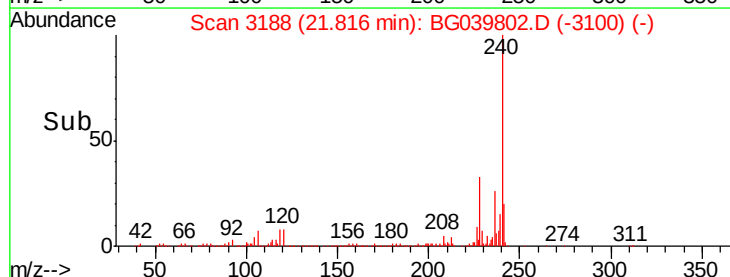
Acq: 7 Mar 2019 14:53

Tgt Ion:	240	Resp:	332093
Ion Ratio	Lower	Upper	
240	100		
120	8.3	7.0	10.6
236	25.6	21.0	31.4

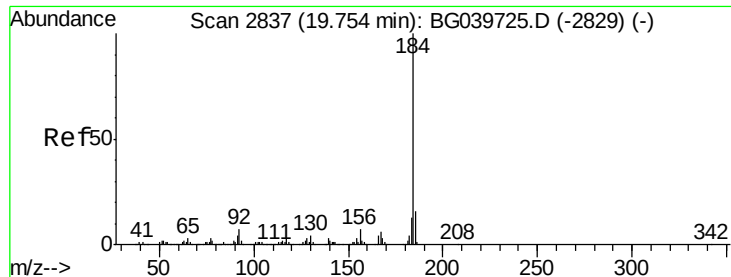


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

21.82



Time-->



#77

Benzidine

Concen: 33.633 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

Instrument :

BNA_G

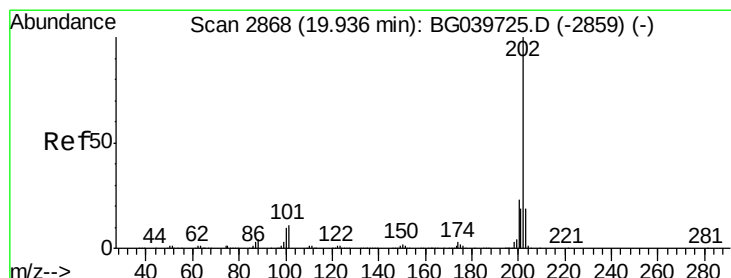
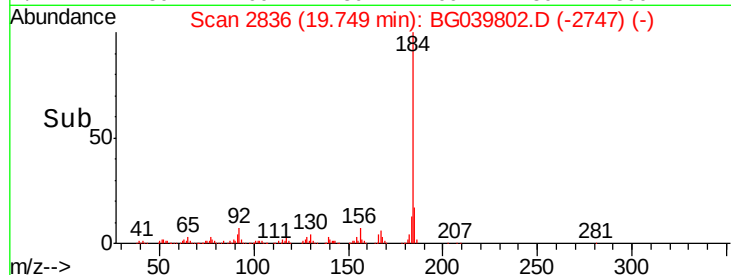
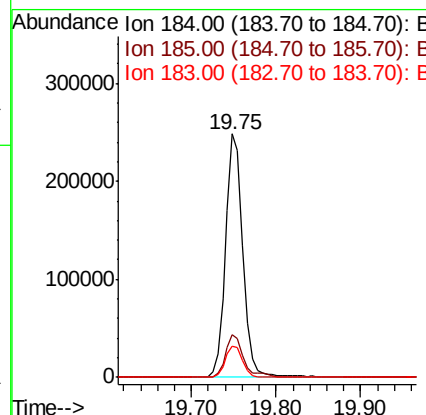
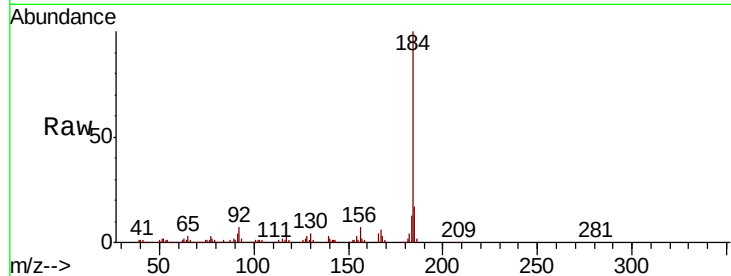
ClientSampleId :

PB117686BS

Tot Ion:	184	Resp:	354433
Ion Ratio	Lower	Upper	
184	100		
185	17.3	12.2	18.2
183	12.9	10.6	15.8

Manual Integrations
APPROVED

Sohil
3/8/2019 10:48:43 AM



#78

Pyrene

Concen: 38.434 ng

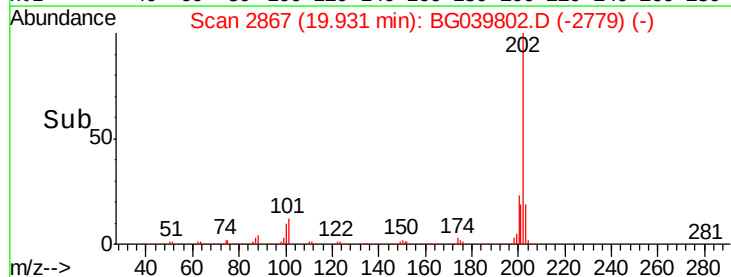
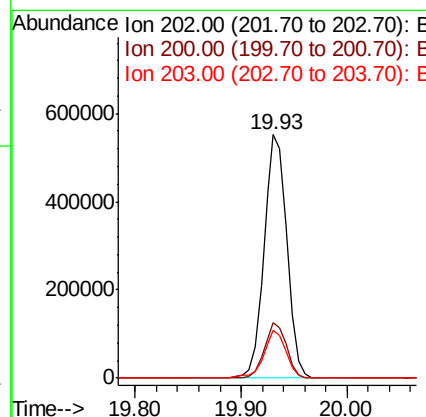
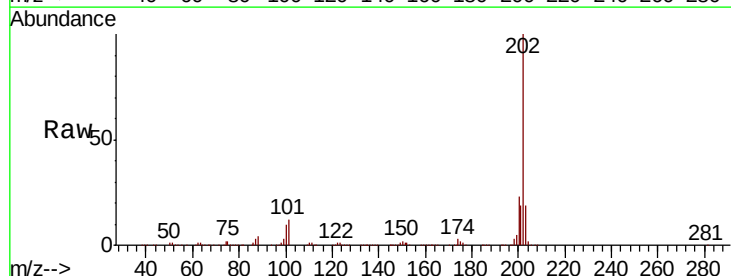
RT: 19.93 min Scan# 2867

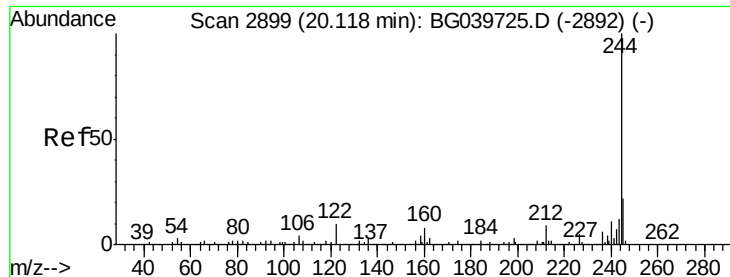
Delta R.T. -0.01 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

Tgt Ion:	202	Resp:	829389
Ion Ratio	Lower	Upper	
202	100		
200	22.9	17.8	26.8
203	19.4	15.3	22.9





#79

Terphenyl-d14

Concen: 74.704 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

Instrument :

BNA_G

ClientSampled :

PB117686BS

Tot Ion:244 Resp: 1126735

Ion Ratio Lower Upper

244 100

212 9.1 7.3 10.9

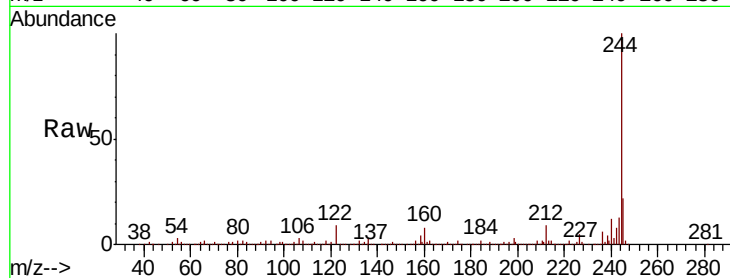
122 9.4 8.4 12.6

Manual Integrations

APPROVED

Sohil

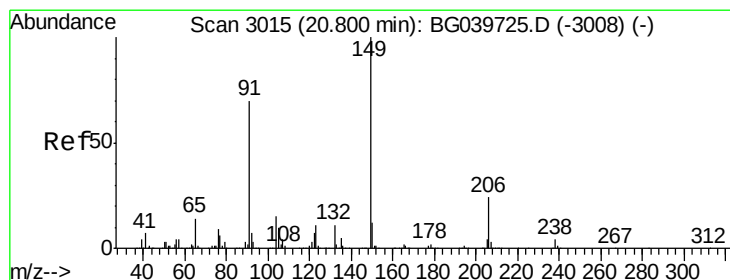
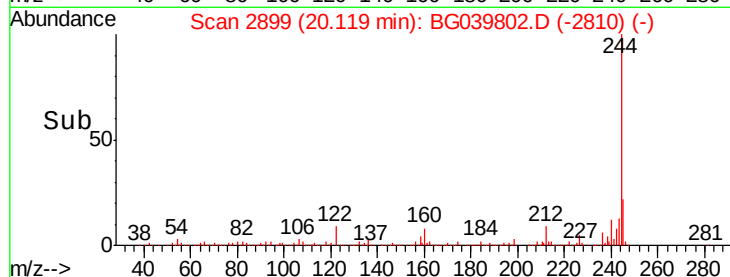
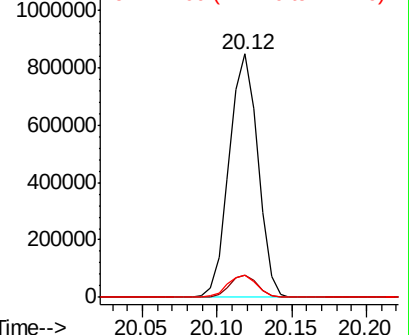
3/8/2019 10:48:43 AM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.541 ng

RT: 20.80 min Scan# 3015

Delta R.T. -0.01 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

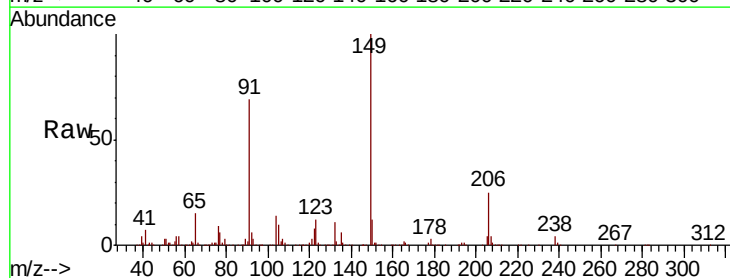
Tgt Ion:149 Resp: 355665

Ion Ratio Lower Upper

149 100

91 68.9 59.5 89.3

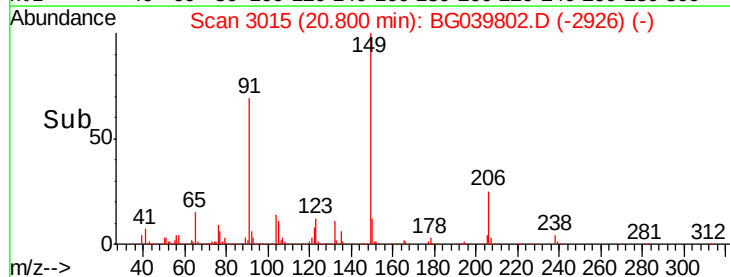
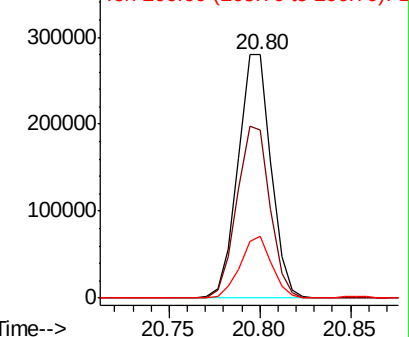
206 25.3 18.6 27.8

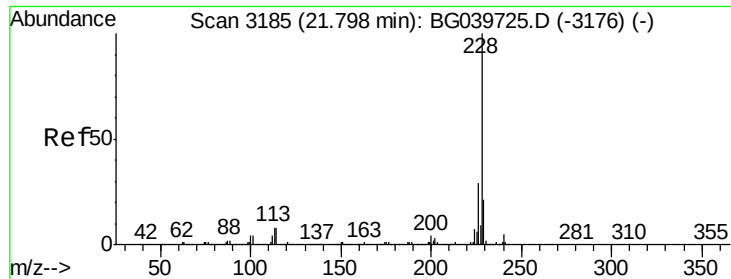


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





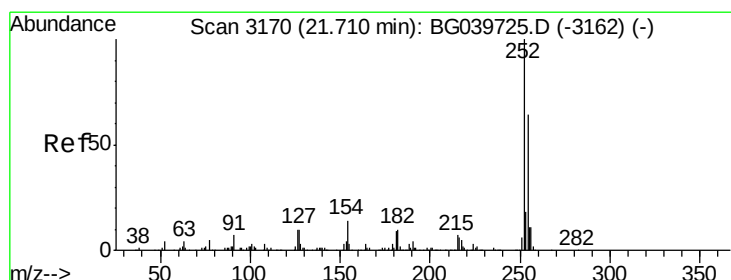
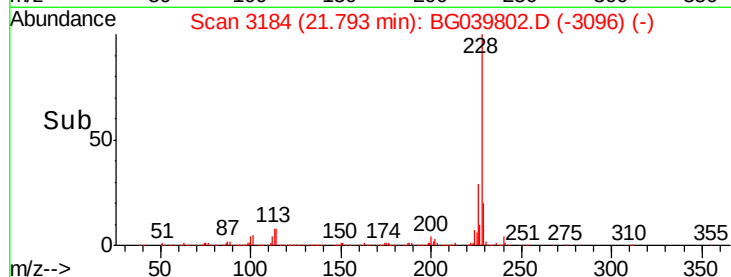
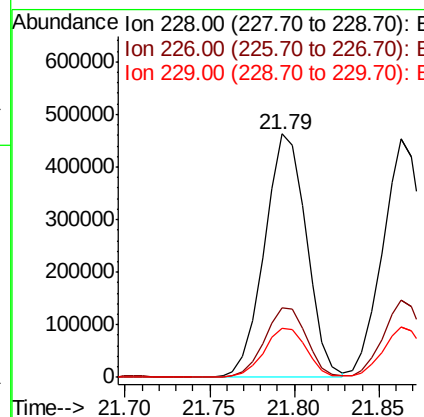
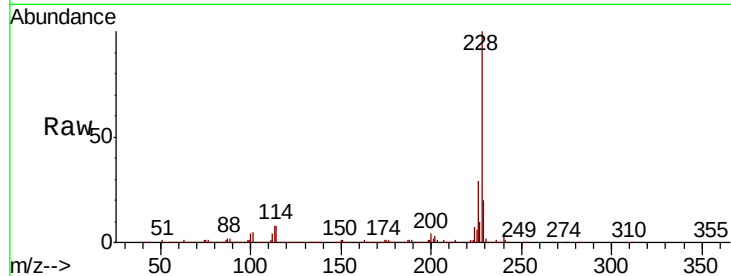
#81
Benzo(a)anthracene
Concen: 38.055 ng
RT: 21.79 min Scan# 3184
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Instrument :
BNA_G
ClientSampleId :
PB117686BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.0	34.6
229	20.3	16.9	25.3

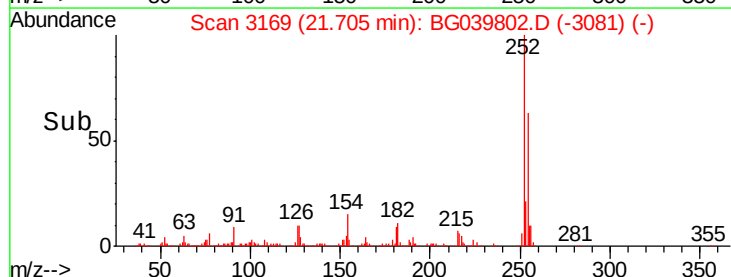
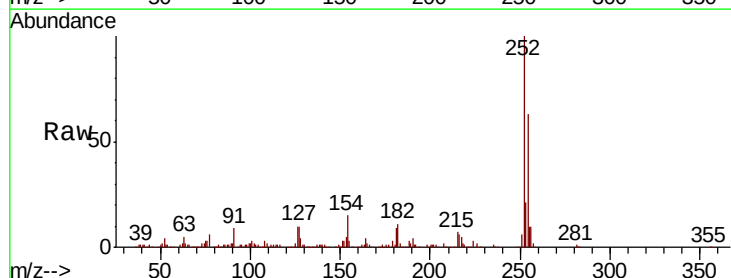
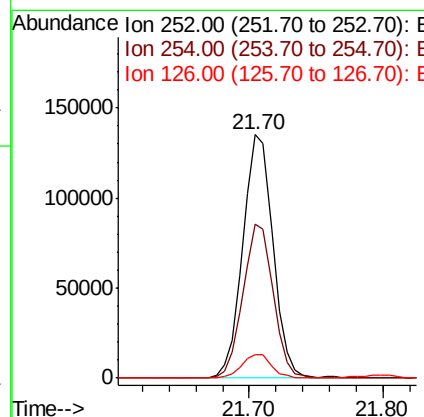
Manual Integrations
APPROVED

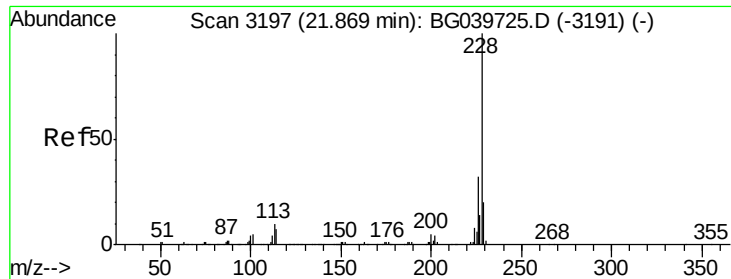
Sohil
3/8/2019 10:48:43 AM



#82
3,3'-Dichlorobenzidine
Concen: 27.756 ng
RT: 21.70 min Scan# 3169
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.3	51.3	76.9
126	9.6	8.0	12.0





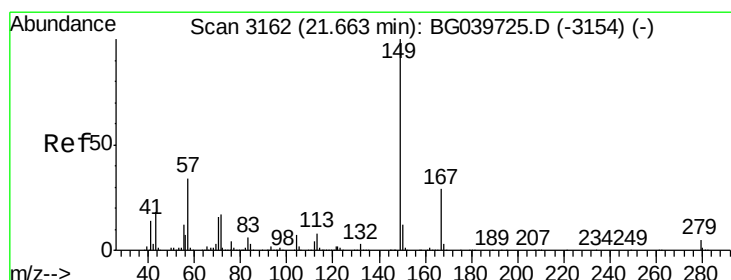
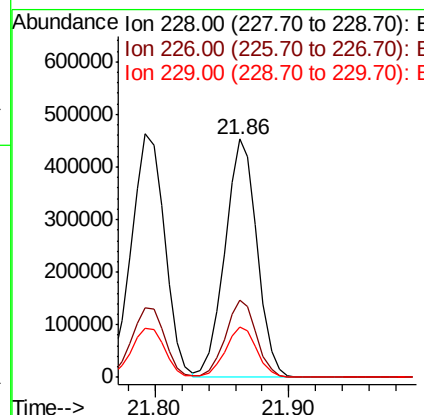
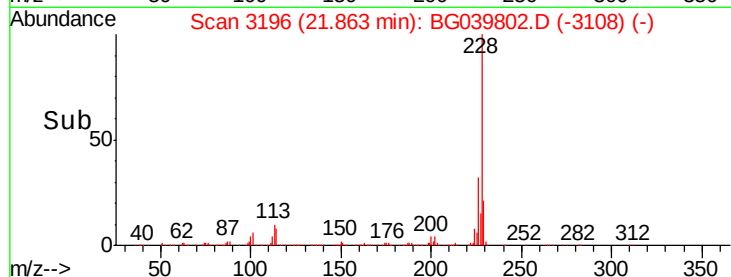
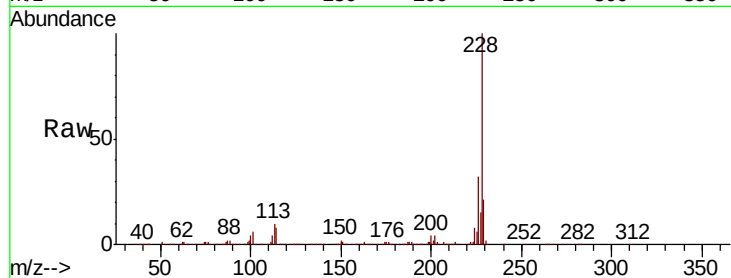
#83
Chrysene
Concen: 37.783 ng
RT: 21.86 min Scan# 3196
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Instrument :
BNA_G
ClientSampleId :
PB117686BS

Tot Ion:	228	Resp:	762382
Ion Ratio	Lower	Upper	
228	100		
226	32.2	25.8	38.6
229	21.3	16.6	25.0

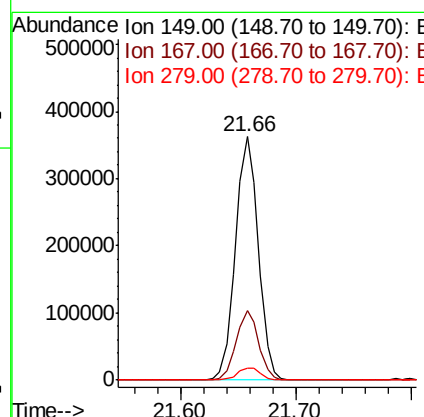
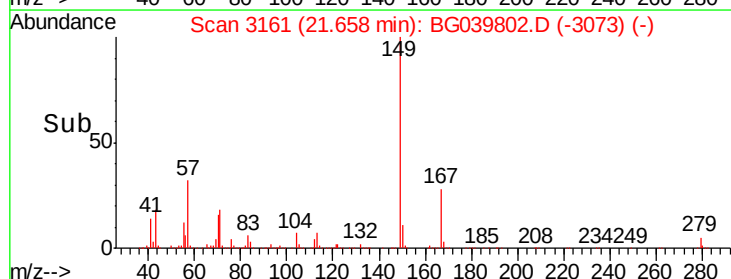
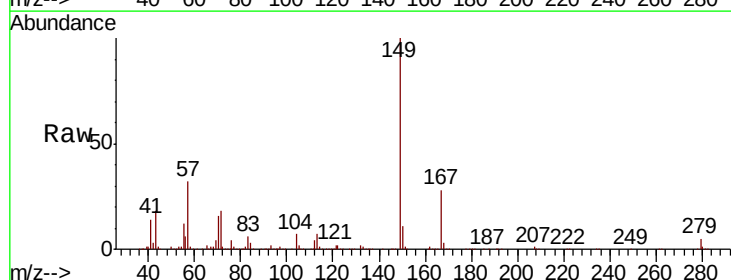
Manual Integrations
APPROVED

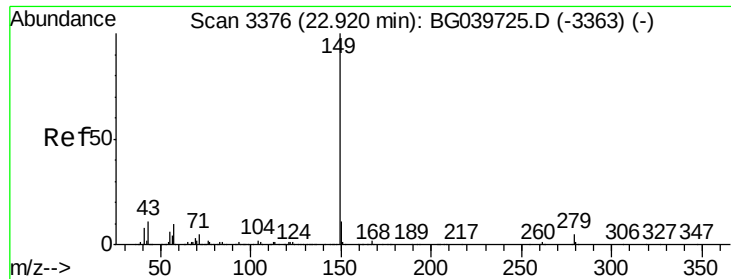
Sohil
3/8/2019 10:48:43 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.122 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Tgt Ion:	149	Resp:	494867
Ion Ratio	Lower	Upper	
149	100		
167	28.4	22.6	34.0
279	5.0	3.5	5.3





#85

Di-n-octyl phthalate

Concen: 43.604 ng

RT: 22.91 min Scan# 3375

Delta R.T. -0.01 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

Instrument :

BNA_G

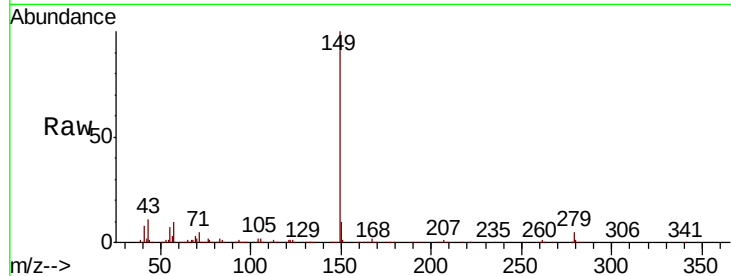
ClientSampleId :

PB117686BS

Tot Ion:	149	Resp:	848231
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	10.9	10.2	15.4

Manual Integrations
APPROVED

Sohil
3/8/2019 10:48:43 AM

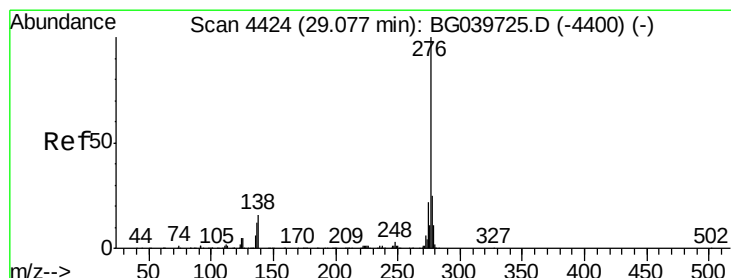
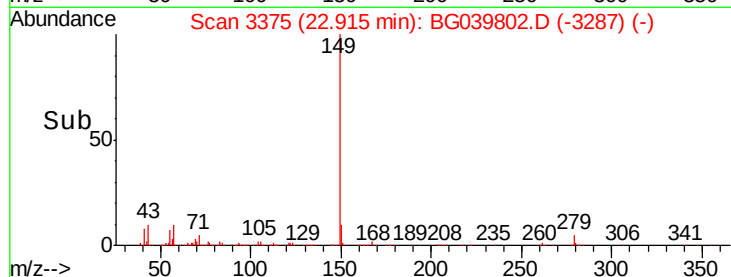
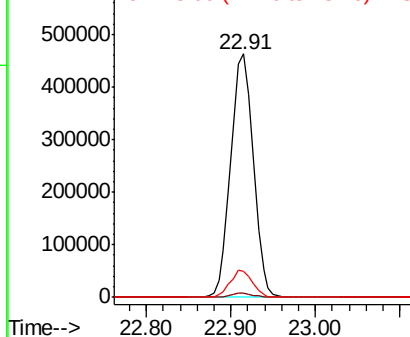


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.730 ng

RT: 29.07 min Scan# 4423

Delta R.T. -0.02 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

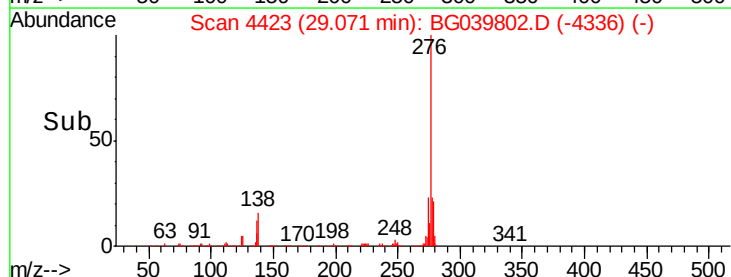
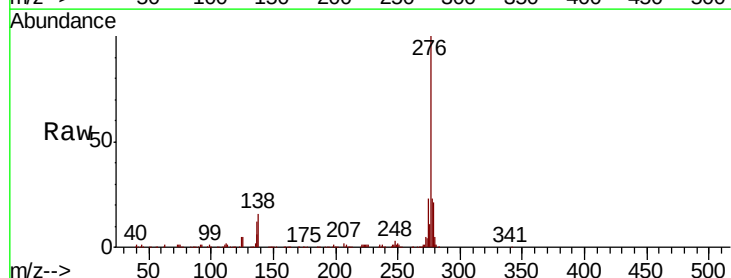
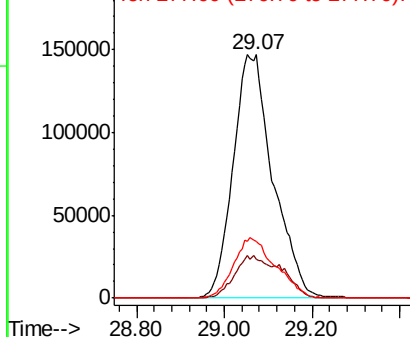
Tgt Ion:	276	Resp:	909460
Ion Ratio	Lower	Upper	
276	100		
138	14.2	12.6	19.0
277	25.9	20.8	31.2

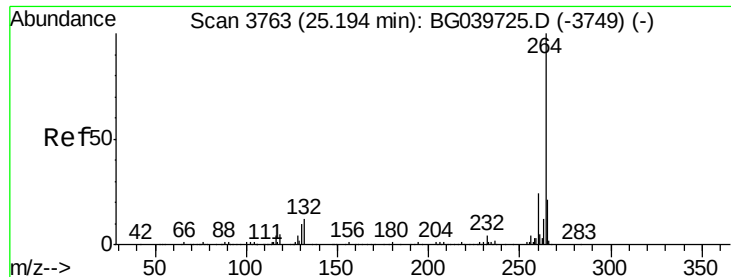
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.18 min Scan# 3761

Delta R.T. -0.02 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

Instrument :

BNA_G

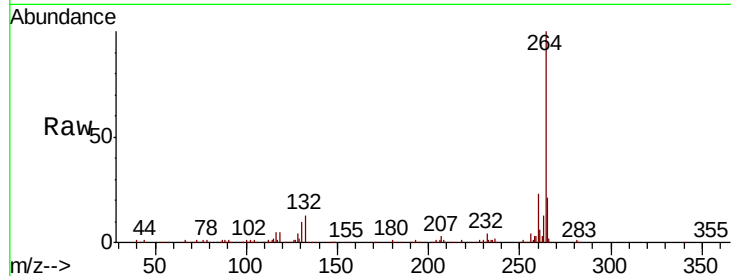
ClientSampled :

PB117686BS

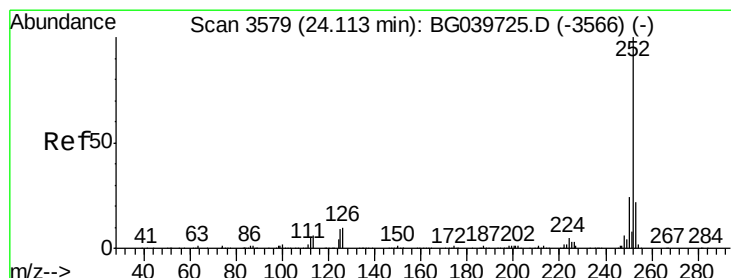
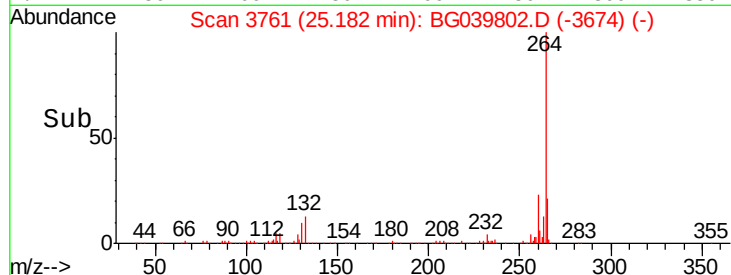
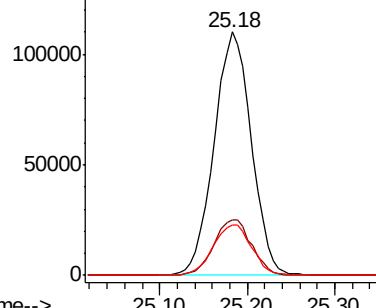
Tot Ion:	264	Resp:	318682
Ion Ratio	Lower	Upper	
264	100		
260	22.8	18.2	27.4
265	20.8	18.5	27.7

Manual Integrations
APPROVED

Sohil
3/8/2019 10:48:43 AM



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.416 ng

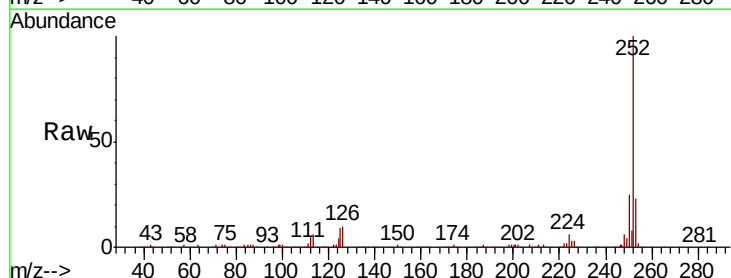
RT: 24.11 min Scan# 3578

Delta R.T. -0.01 min

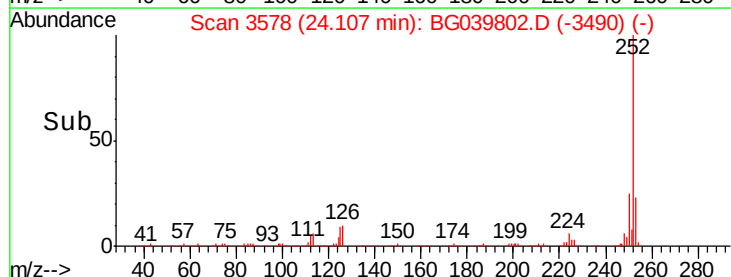
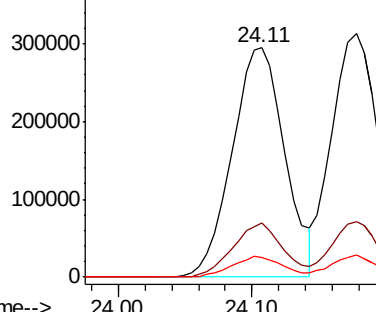
Lab File: BG039802.D

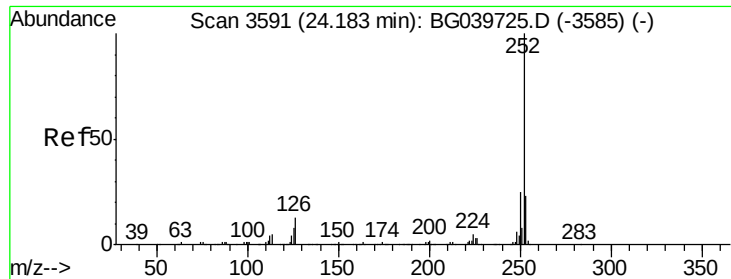
Acq: 7 Mar 2019 14:53

Tgt Ion:	252	Resp:	806057
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.8	26.8
125	8.8	7.8	11.6



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





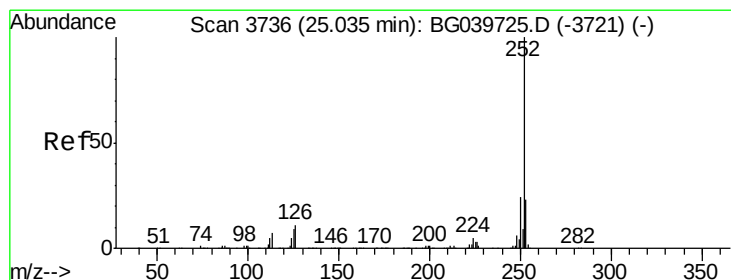
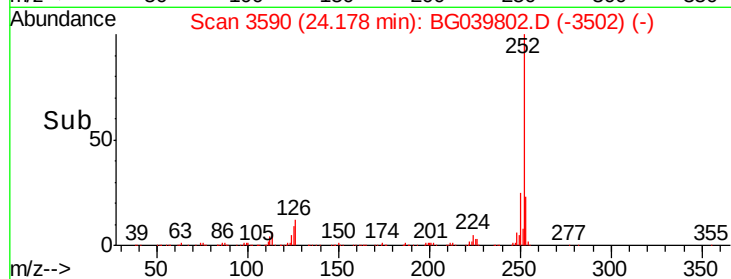
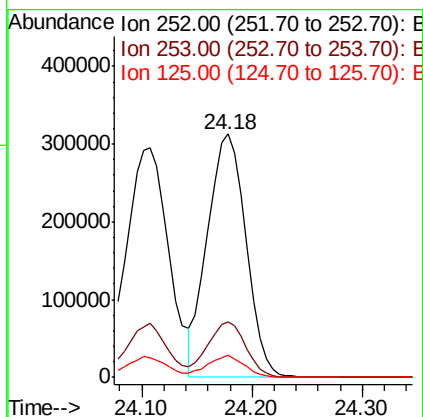
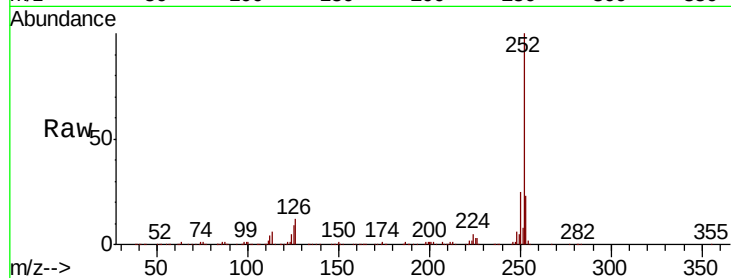
#89
Benzo(k)fluoranthene
Concen: 42.757 ng
RT: 24.18 min Scan# 3590
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Instrument :
BNA_G
ClientSampleId :
PB117686BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	8.9	7.4	11.2

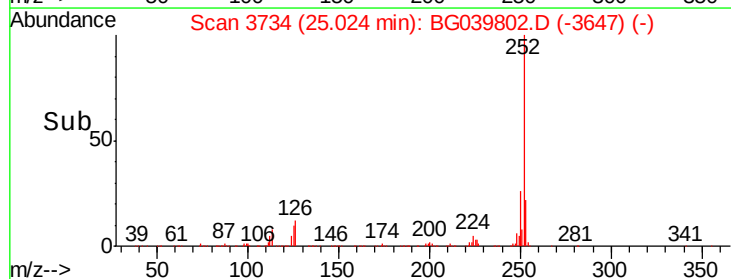
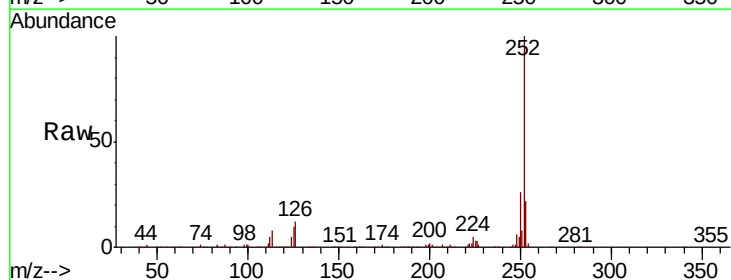
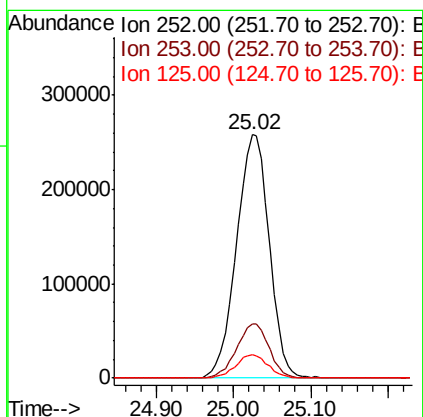
Manual Integrations
APPROVED

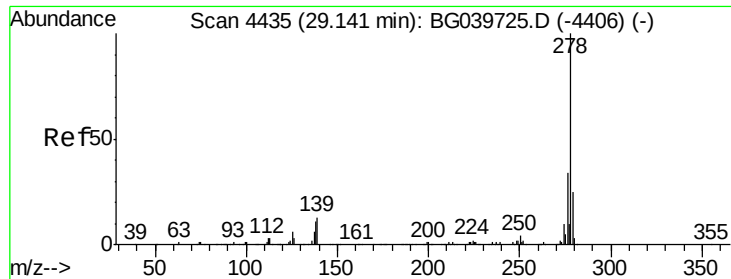
Sohil
3/8/2019 10:48:43 AM



#90
Benzo(a)pyrene
Concen: 43.714 ng
RT: 25.02 min Scan# 3734
Delta R.T. -0.02 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	9.7	8.3	12.5





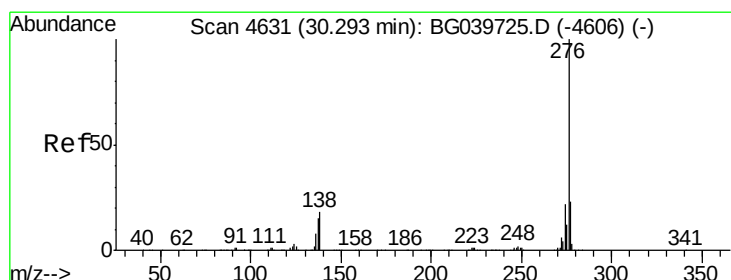
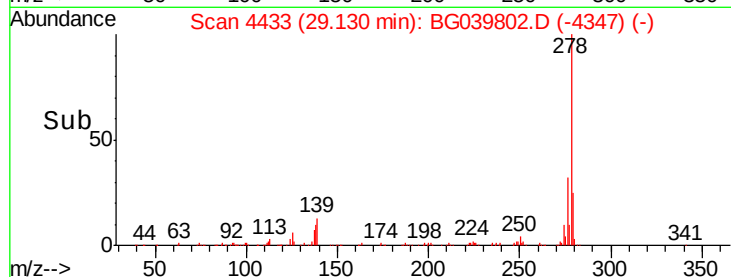
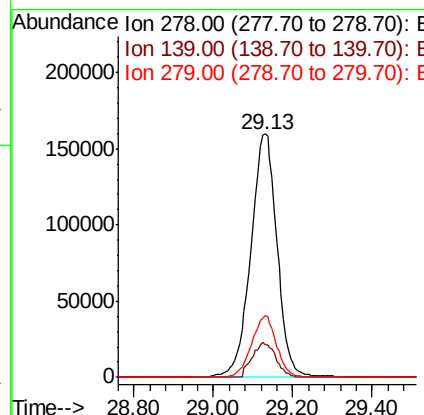
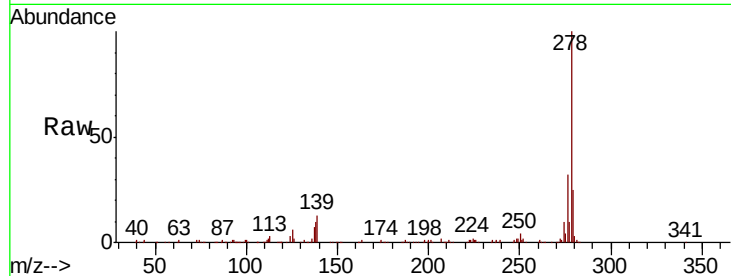
#91
Dibenzo(a,h)anthracene
Concen: 42.734 ng
RT: 29.13 min Scan# 4433
Delta R.T. -0.02 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Instrument :
BNA_G
ClientSampleId :
PB117686BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.2	11.7	17.5
279	25.2	19.1	28.7

Manual Integrations
APPROVED

Sohil
3/8/2019 10:48:43 AM



#92
Benzo(g,h,i)perylene
Concen: 43.237 ng
RT: 30.28 min Scan# 4629
Delta R.T. -0.03 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.6	29.4
138	18.1	14.7	22.1

