

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031519\
 Data File : BG039957.D
 Acq On : 16 Mar 2019 1:54
 Operator : JU/SJ
 Sample : PB117975BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117975BS

Manual Integrations
 APPROVED

Sohil
 3/18/2019 3:02:45 PM

Quant Time: Mar 16 05:15:14 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	46458	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	202723	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	133724	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	300662	20.00	ng	0.00
76) Chrysene-d12	21.81	240	294631	20.00	ng	-0.02
87) Perylene-d12	25.17	264	300759	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	344827	126.63	ng	-0.02
7) Phenol-d6	7.30	99	495001	121.91	ng	-0.02
23) Nitrobenzene-d5	9.33	82	303430	80.95	ng	-0.02
42) 2,4,6-Tribromophenol	16.27	330	184010	118.06	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	721210	76.79	ng	-0.02
79) Terphenyl-d14	20.12	244	1025765	76.66	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.58	88	32980	26.232	ng	98
3) Pyridine	3.98	79	98654	29.311	ng	99
4) n-Nitrosodimethylamine	3.90	42	59802	37.453	ng	# 92
6) Aniline	7.47	93	130548	24.540	ng	99
8) 2-Chlorophenol	7.71	128	121874	36.890	ng	97
9) Benzaldehyde	7.29	77	58122	22.190	ng	97
10) Phenol	7.33	94	166822	37.925	ng	99
11) bis(2-Chloroethyl)ether	7.57	93	117545	34.274	ng	97
12) 1,3-Dichlorobenzene	8.03	146	127184	34.039	ng	98
13) 1,4-Dichlorobenzene	8.18	146	132471	34.806	ng	98
14) 1,2-Dichlorobenzene	8.50	146	127722	34.733	ng	97
15) Benzyl Alcohol	8.39	79	122682	38.089	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.67	45	247153	36.032	ng	99
17) 2-Methylphenol	8.58	107	107275	38.247	ng	99
18) Hexachloroethane	9.23	117	47998	35.147	ng	98
19) n-Nitroso-di-n-propylamine	8.95	70	99099	33.908	ng	98
20) 3+4-Methylphenols	8.91	107	150008	38.498	ng	98
22) Acetophenone	8.98	105	191701	35.233	ng	# 97
24) Nitrobenzene	9.37	77	150231	38.205	ng	95
25) Isophorone	9.88	82	289916	36.914	ng	99
26) 2-Nitrophenol	10.08	139	71414	37.615	ng	93
27) 2,4-Dimethylphenol	10.12	122	126656	42.894	ng	93
28) bis(2-Chloroethoxy)methane	10.36	93	175348	36.739	ng	97
29) 2,4-Dichlorophenol	10.61	162	137545	41.373	ng	93
30) 1,2,4-Trichlorobenzene	10.83	180	139701	37.344	ng	98
31) Naphthalene	11.02	128	392715	36.588	ng	99
32) Benzoic acid	10.26	122	71082	36.839	ng	97
33) 4-Chloroaniline	11.13	127	57417	12.615	ng	99
34) Hexachlorobutadiene	11.28	225	93624	36.624	ng	96
35) Caprolactam	11.91	113	44969m	35.410	ng	
36) 4-Chloro-3-methylphenol	12.24	107	146806	38.522	ng	99
37) 2-Methylnaphthalene	12.61	142	300331	37.427	ng	99
38) 1-Methylnaphthalene	12.83	142	284232	36.448	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	168857	37.273	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031519\
 Data File : BG039957.D
 Acq On : 16 Mar 2019 1:54
 Operator : JU/SJ
 Sample : PB117975BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 PB117975BS

Manual Integrations
 APPROVED

Sohil
 3/18/2019 3:02:45 PM

Quant Time: Mar 16 05:15:14 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	12.94	237	234333	96.522	ng	98
43) 2,4,6-Trichlorophenol	13.21	196	109969	41.463	ng	100
44) 2,4,5-Trichlorophenol	13.28	196	117941	39.451	ng	96
46) 1,1'-Biphenyl	13.61	154	400571	36.420	ng	100
47) 2-Chloronaphthalene	13.66	162	310885	37.573	ng	99
48) 2-Nitroaniline	13.87	65	104272	39.214	ng	99
49) Acenaphthylene	14.50	152	495750	36.498	ng	99
50) Dimethylphthalate	14.22	163	405286	36.245	ng	100
51) 2,6-Dinitrotoluene	14.36	165	90155	38.032	ng	98
52) Acenaphthene	14.84	154	298796	36.549	ng	98
53) 3-Nitroaniline	14.69	138	48158	20.210	ng	# 87
54) 2,4-Dinitrophenol	14.89	184	87282	59.806	ng	97
55) Dibenzofuran	15.17	168	487893	36.375	ng	98
56) 4-Nitrophenol	14.99	139	141211	66.246	ng	91
57) 2,4-Dinitrotoluene	15.14	165	125815	37.773	ng	93
58) Fluorene	15.82	166	381325	36.164	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.39	232	117665	40.301	ng	98
60) Diethylphthalate	15.57	149	407389	36.804	ng	99
61) 4-Chlorophenyl-phenylether	15.80	204	207035	36.795	ng	99
62) 4-Nitroaniline	15.86	138	90052	34.859	ng	98
63) Azobenzene	16.10	77	371942	37.068	ng	98
65) 4,6-Dinitro-2-methylphenol	15.90	198	71965	40.482	ng	96
66) n-Nitrosodiphenylamine	16.02	169	349863	40.195	ng	98
67) 4-Bromophenyl-phenylether	16.70	248	133484	39.663	ng	96
68) Hexachlorobenzene	16.81	284	134181	38.464	ng	96
69) Atrazine	16.96	200	121466	35.458	ng	97
70) Pentachlorophenol	17.17	266	159007	72.172	ng	98
71) Phenanthrene	17.57	178	623256	37.634	ng	99
72) Anthracene	17.65	178	622378	38.565	ng	99
73) Carbazole	17.92	167	531186	36.510	ng	98
74) Di-n-butylphthalate	18.45	149	647305	37.815	ng	99
75) Fluoranthene	19.56	202	722639	36.922	ng	98
77) Benzidine	19.74	184	207857	22.232	ng	99
78) Pyrene	19.93	202	723487	37.789	ng	100
80) Butylbenzylphthalate	20.79	149	301703	40.675	ng	95
81) Benzo(a)anthracene	21.79	228	708511	38.370	ng	100
82) 3,3'-Dichlorobenzidine	21.70	252	129389	19.193	ng	97
83) Chrysene	21.86	228	658485	36.783	ng	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	421854	40.473	ng	97
85) Di-n-octyl phthalate	22.91	149	714248	41.385	ng	96
86) Indeno(1,2,3-cd)pyrene	29.05	276	775143	38.168	ng	# 96
88) Benzo(b)fluoranthene	24.10	252	683466	38.108	ng	99
89) Benzo(k)fluoranthene	24.17	252	650890	38.988	ng	98
90) Benzo(a)pyrene	25.01	252	667514	40.278	ng	99
91) Dibenzo(a,h)anthracene	29.11	278	626592	38.566	ng	99
92) Benzo(g,h,i)perylene	30.27	276	637018	39.039	ng	98

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

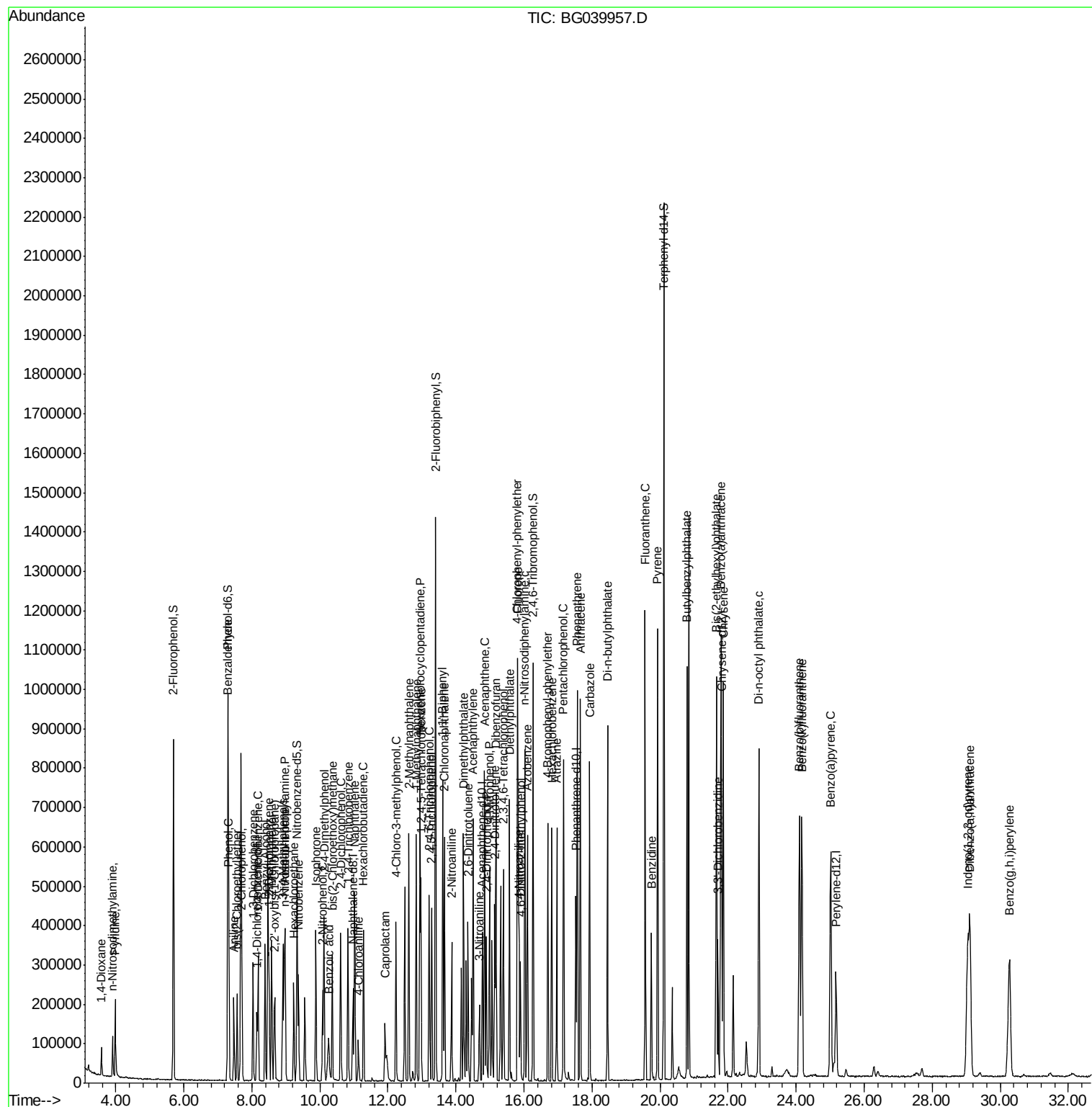
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031519\
 Data File : BG039957.D
 Acq On : 16 Mar 2019 1:54
 Operator : JU/SJ
 Sample : PB117975BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

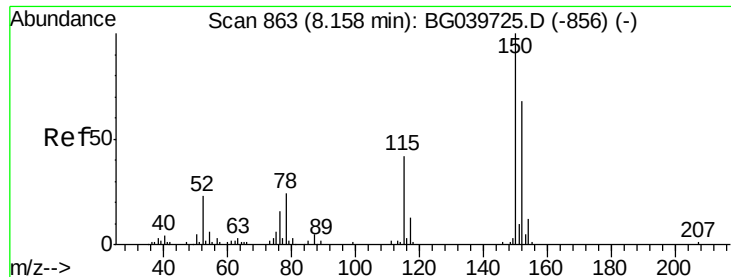
Instrument :
 BNA_G
 ClientSampleID :
 PB117975BS

Manual Integrations
 APPROVED

Sohil
 3/18/2019 3:02:45 PM

Quant Time: Mar 16 05:15:14 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





#1

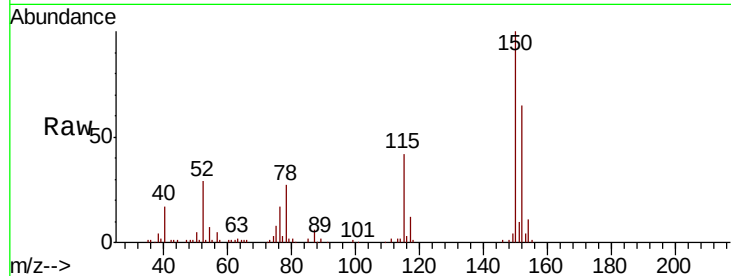
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Instrument :
BNA_G
ClientSampled :
PB117975BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	123.7	185.5
115	64.8	45.9	68.9

Manual Integrations
APPROVED

Sohil
3/18/2019 3:02:45 PM

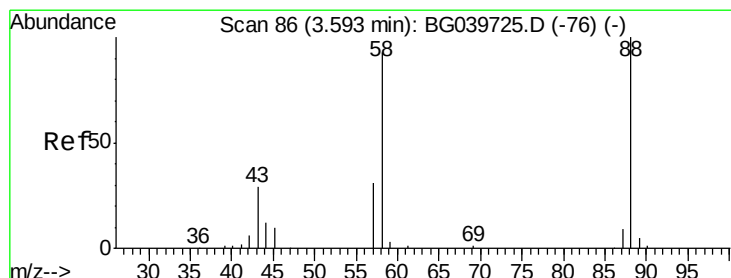
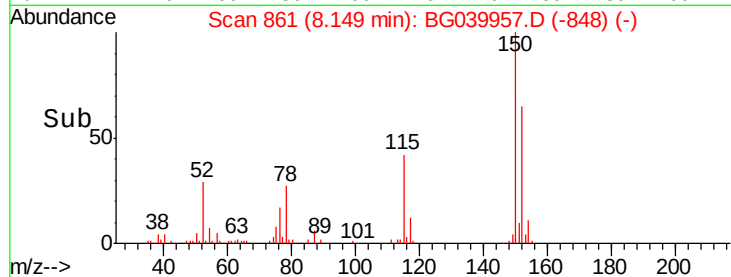
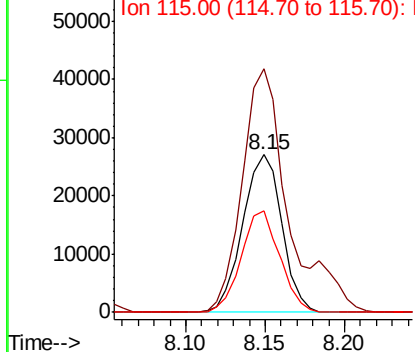


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

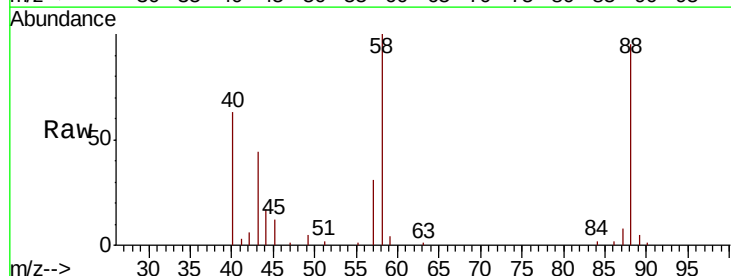
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 26.232 ng
RT: 3.58 min Scan# 83
Delta R.T. -0.03 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	103.2	81.1	121.7
43	38.4	31.4	47.0

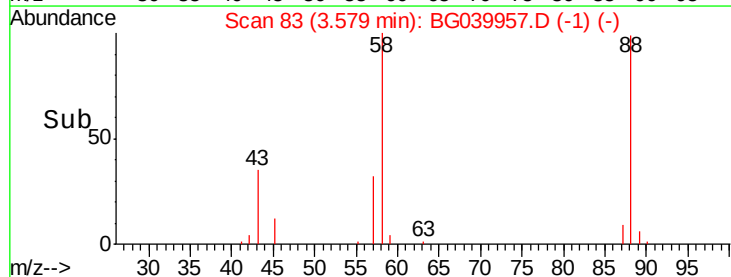
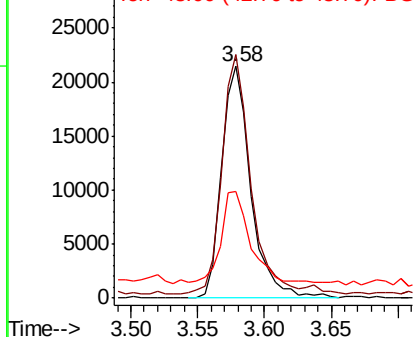


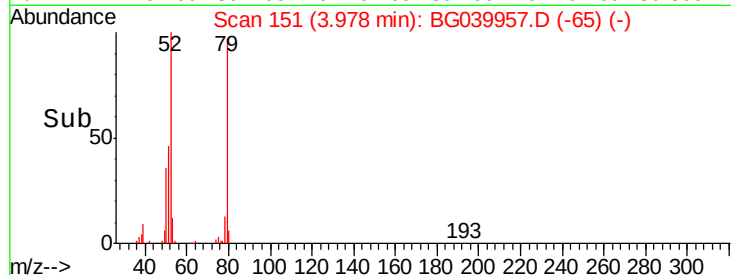
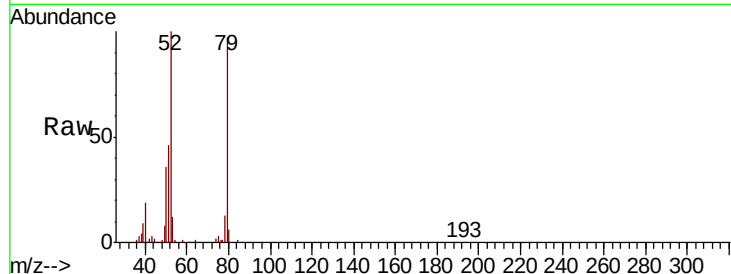
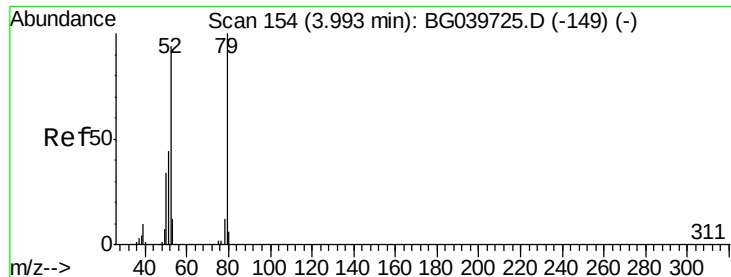
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





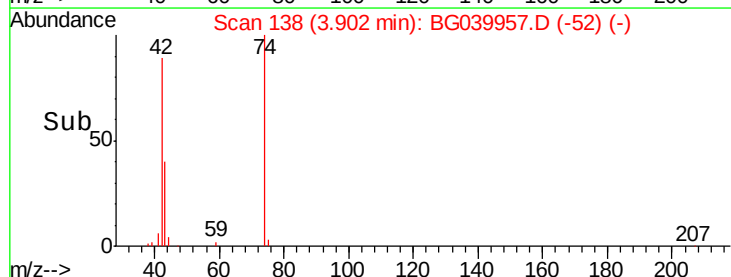
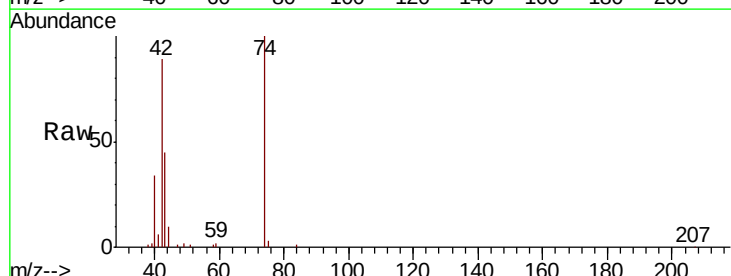
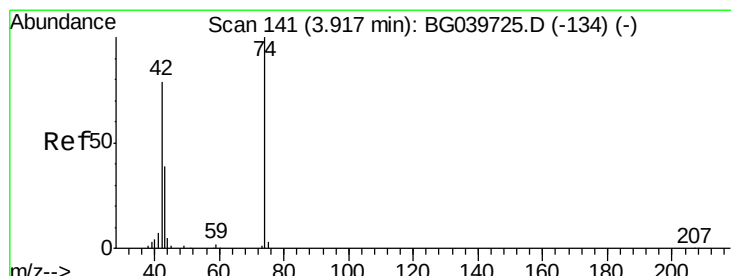
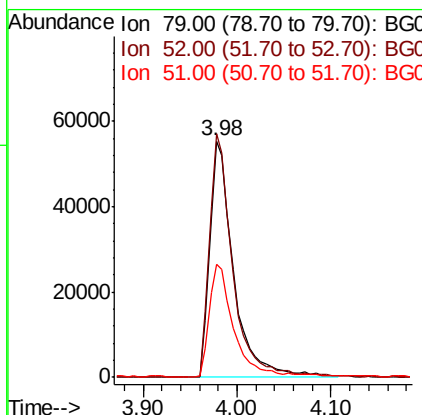
#3
 Pvridine
 Concen: 29.311 ng
 RT: 3.98 min Scan# 151
 Delta R.T. -0.03 min
 Lab File: BG039957.D
 Acq: 16 Mar 2019 1:54

Tot Ion	Ratio	Lower	Upper
79	100		
52	103.0	82.6	124.0
51	47.7	37.5	56.3

Instrument :
 BNA_G
 ClientSampleId :
 PB117975BS

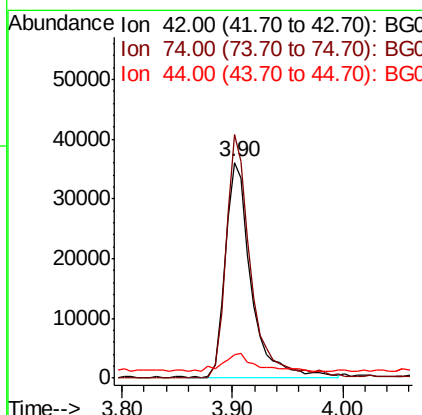
Manual Integrations
 APPROVED

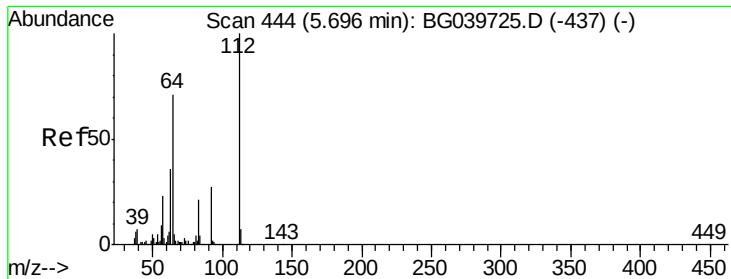
Sohil
 3/18/2019 3:02:45 PM



#4
 n-Nitrosodimethylamine
 Concen: 37.453 ng
 RT: 3.90 min Scan# 138
 Delta R.T. -0.03 min
 Lab File: BG039957.D
 Acq: 16 Mar 2019 1:54

Tgt Ion	Ratio	Lower	Upper
42	100		
74	112.8	83.6	125.4
44	10.8	6.9	10.3#





#5

2-Fluorophenol

Concen: 126.626 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG039957.D

Acq: 16 Mar 2019 1:54

Instrument :

BNA_G

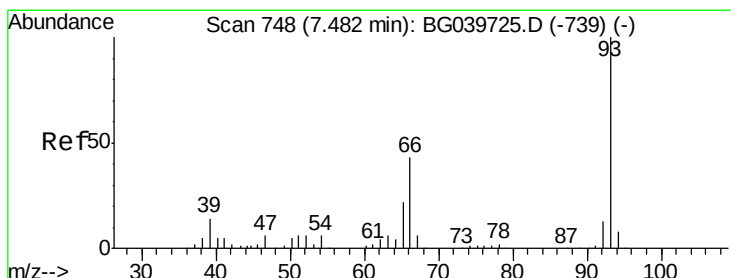
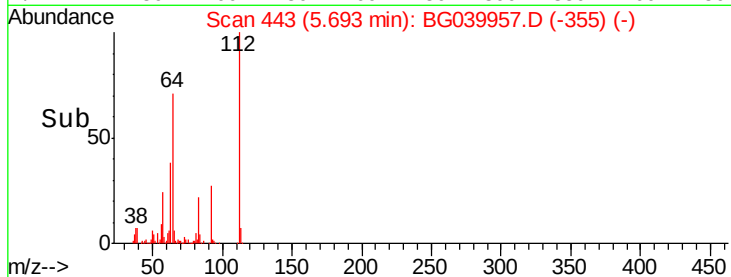
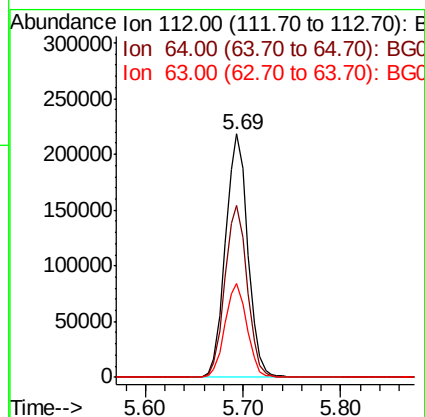
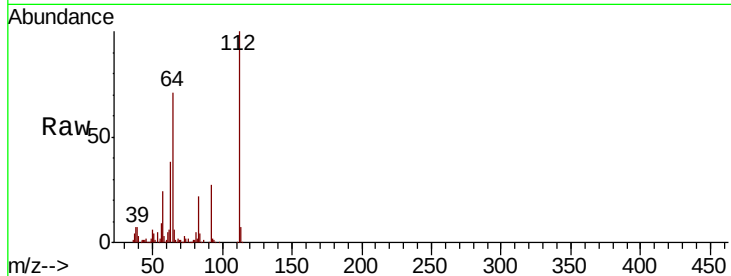
ClientSampled :

PB117975BS

Tot Ion:	112	Resp:	344827
Ion Ratio	Lower	Upper	
112	100		
64	70.8	57.8	86.8
63	38.3	29.8	44.6

Manual Integrations
APPROVED

Sohil
3/18/2019 3:02:45 PM



#6

Aniline

Concen: 24.540 ng

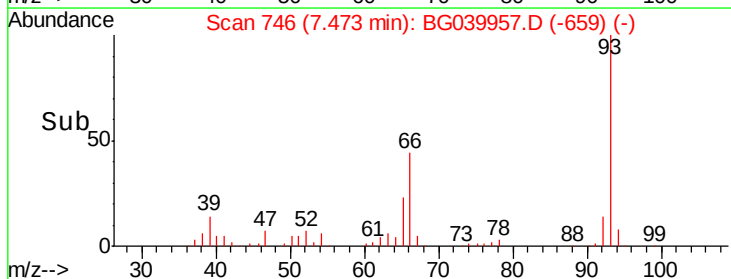
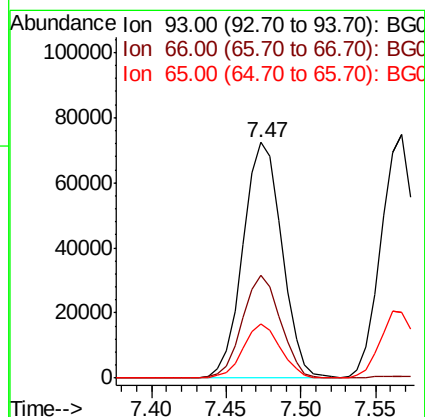
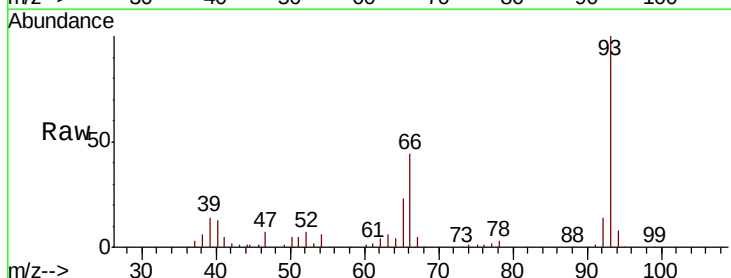
RT: 7.47 min Scan# 746

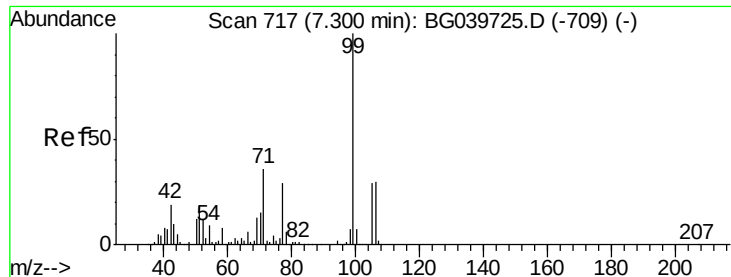
Delta R.T. -0.02 min

Lab File: BG039957.D

Acq: 16 Mar 2019 1:54

Tgt Ion:	93	Resp:	130548
Ion Ratio	Lower	Upper	
93	100		
66	43.7	34.2	51.4
65	22.8	17.7	26.5





#7

Phenol-d6

Concen: 121.908 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039957.D

Acq: 16 Mar 2019 1:54

Instrument :

BNA_G

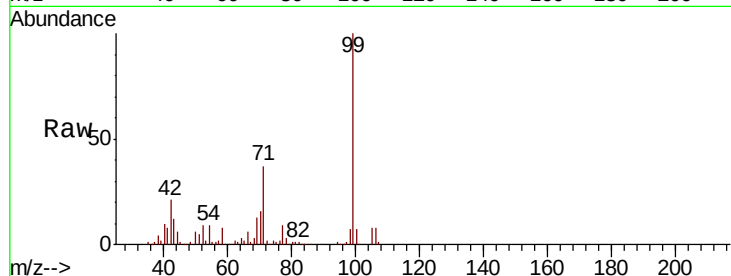
ClientSampleId :

PB117975BS

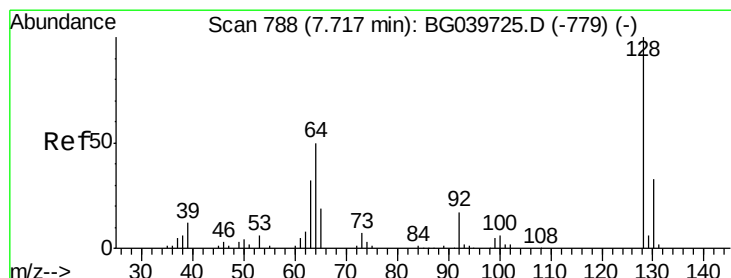
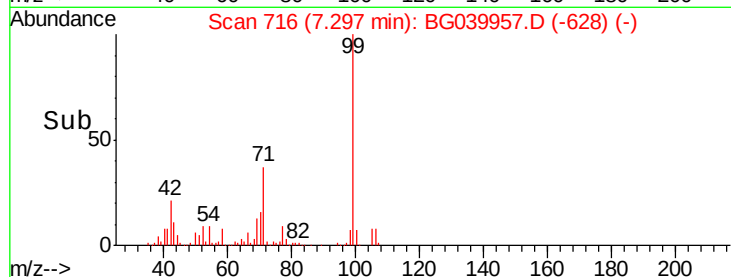
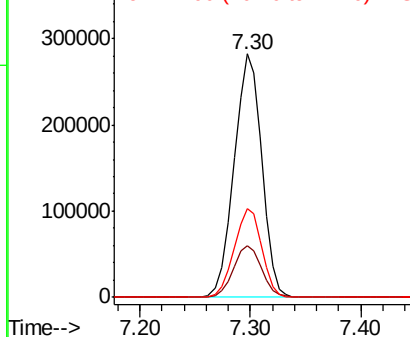
Tot Ion:	99	Resp:	495001
Ion Ratio	Lower	Upper	
99	100		
42	21.2	18.2	27.2
71	36.7	28.0	42.0

Manual Integrations
APPROVED

Sohil
3/18/2019 3:02:45 PM



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



#8

2-Chlorophenol

Concen: 36.890 ng

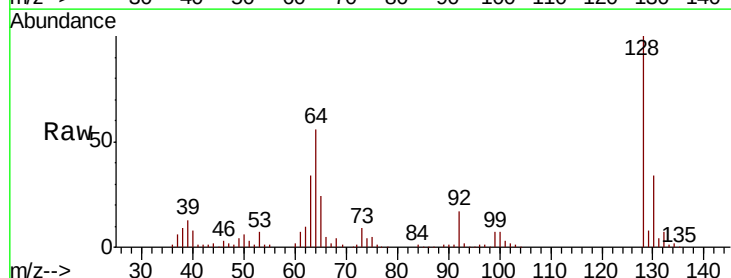
RT: 7.71 min Scan# 786

Delta R.T. -0.02 min

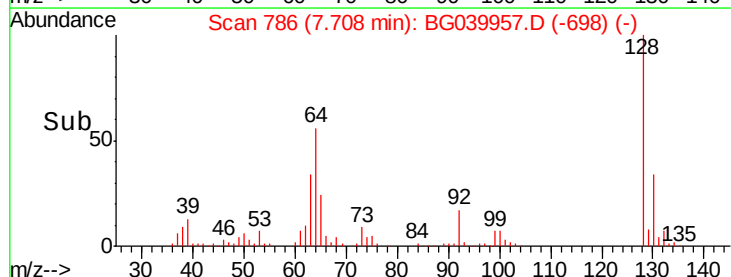
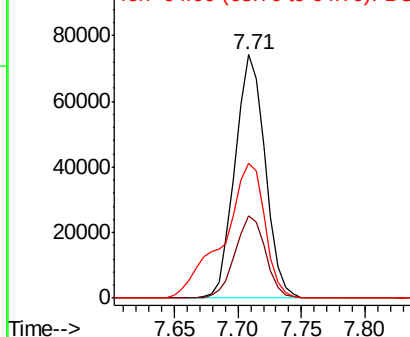
Lab File: BG039957.D

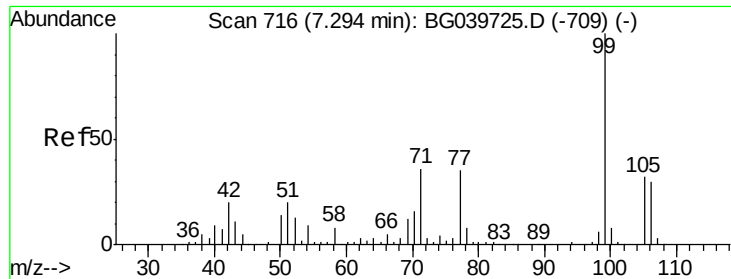
Acq: 16 Mar 2019 1:54

Tgt Ion:	128	Resp:	121874
Ion Ratio	Lower	Upper	
128	100		
130	33.9	12.9	52.9
64	55.6	38.7	78.7



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





#9

Benzaldehyde

Concen: 22.190 ng

RT: 7.29 min Scan# 714

Delta R.T. -0.02 min

Lab File: BG039957.D

Acq: 16 Mar 2019 1:54

Instrument :

BNA_G

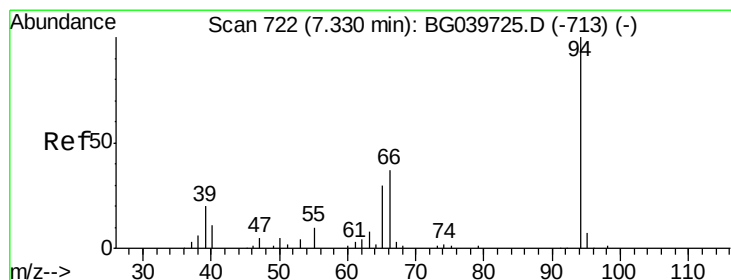
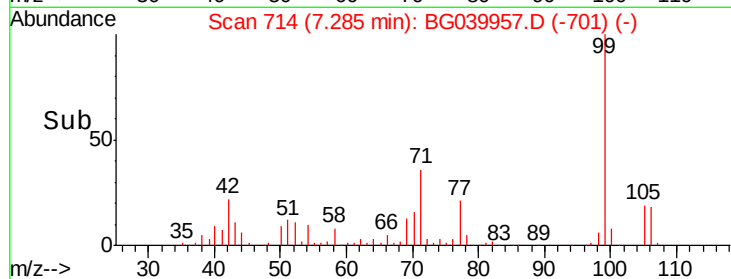
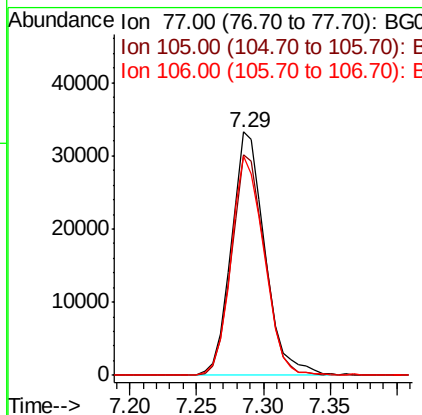
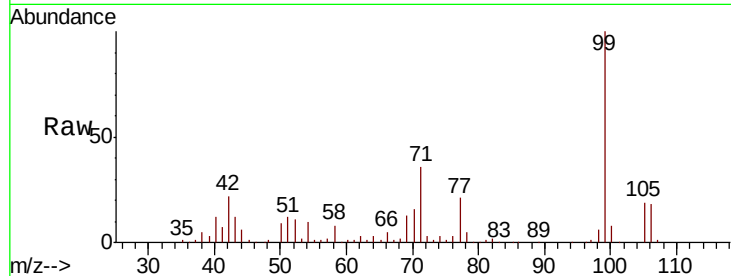
ClientSampleId :

PB117975BS

Tot Ion:	77	Resp:	58122
Ion Ratio	Lower	Upper	
77	100		
105	90.5	74.5	114.5
106	89.9	68.0	108.0

Manual Integrations
APPROVED

Sohil
3/18/2019 3:02:45 PM



#10

Phenol

Concen: 37.925 ng

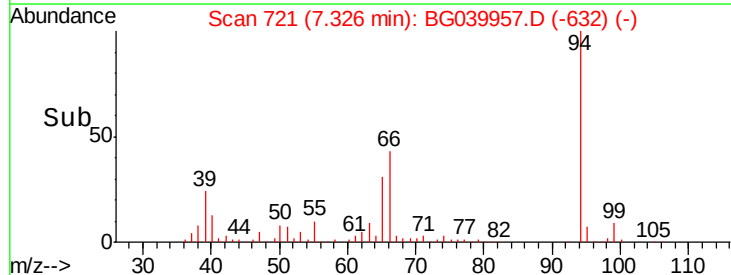
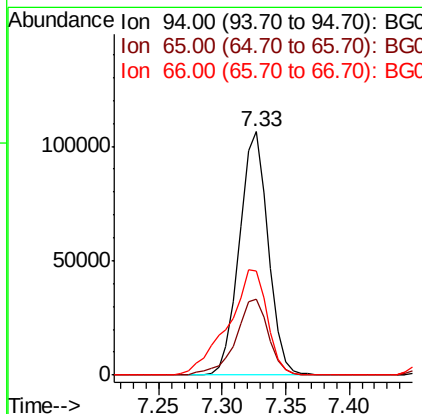
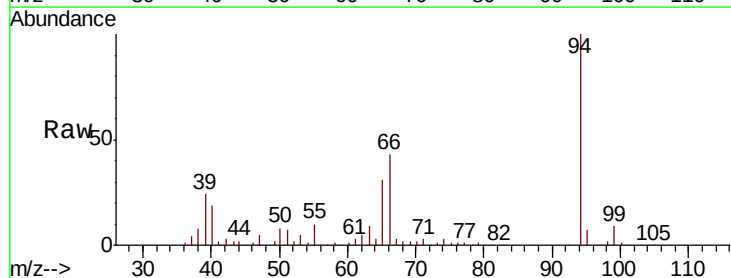
RT: 7.33 min Scan# 721

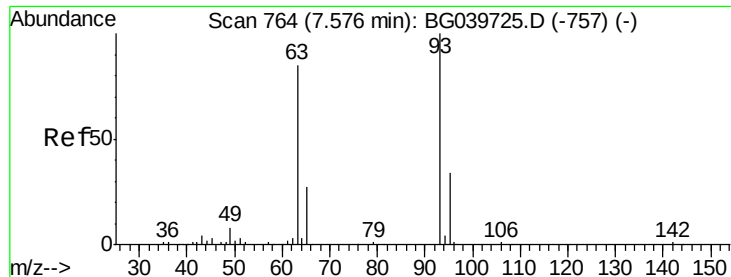
Delta R.T. -0.01 min

Lab File: BG039957.D

Acq: 16 Mar 2019 1:54

Tgt Ion:	94	Resp:	166822
Ion Ratio	Lower	Upper	
94	100		
65	31.2	11.7	51.7
66	43.0	23.7	63.7





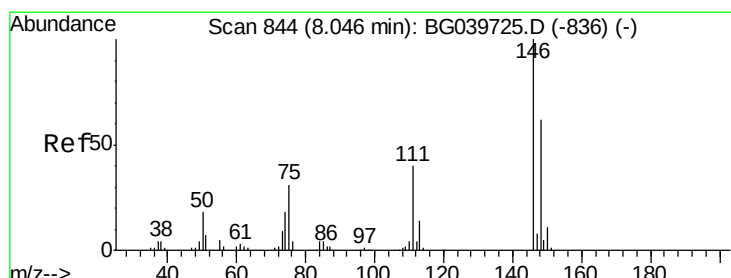
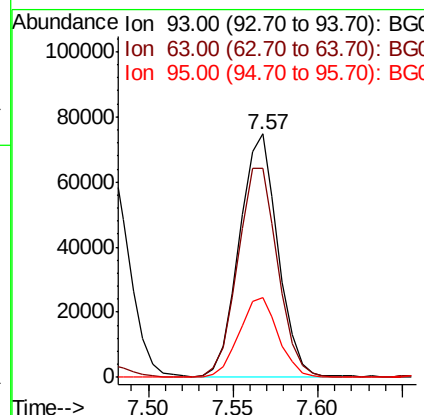
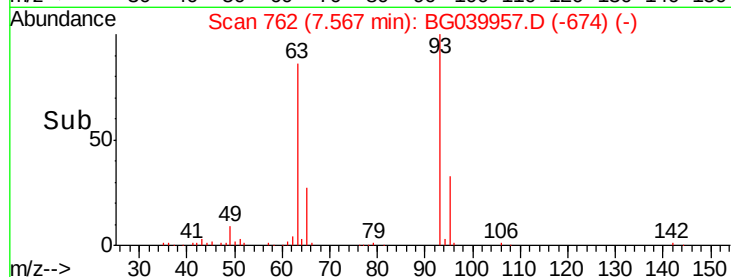
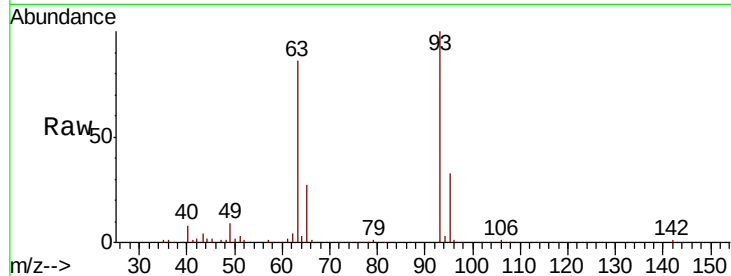
#11
bis(2-Chloroethyl)ether
Concen: 34.274 ng
RT: 7.57 min Scan# 762
Delta R.T. -0.02 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Instrument :
BNA_G
ClientSampleId :
PB117975BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.9	69.5	109.5
95	32.7	12.7	52.7

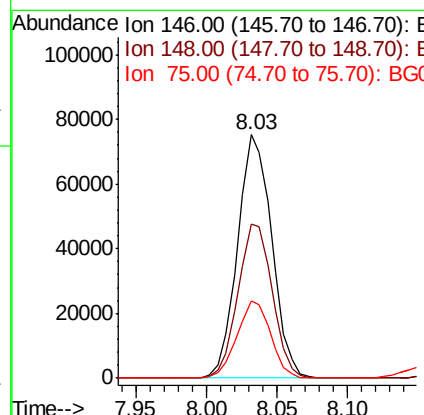
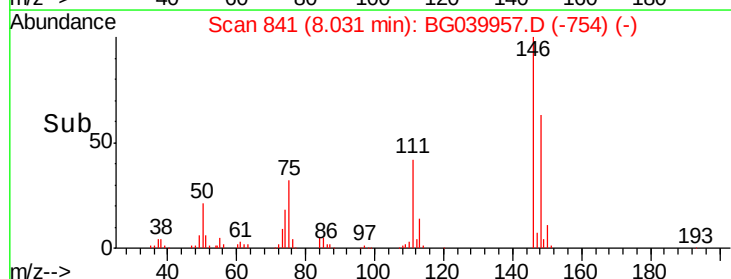
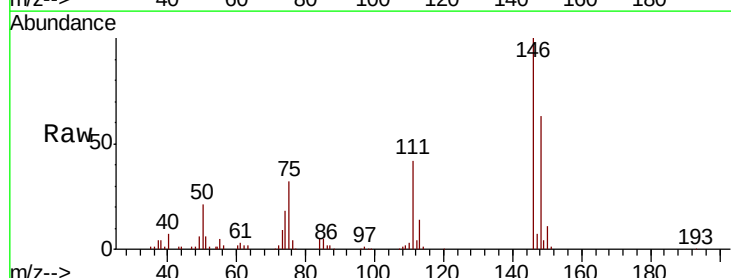
Manual Integrations
APPROVED

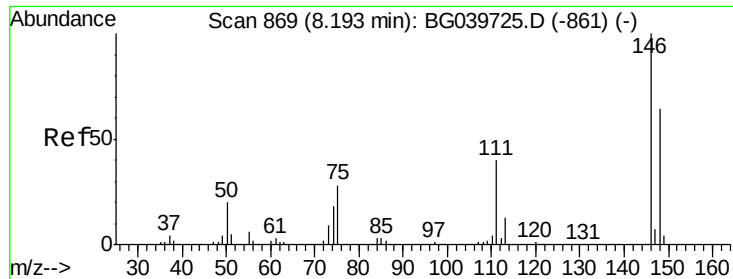
Sohil
3/18/2019 3:02:45 PM



#12
1,3-Dichlorobenzene
Concen: 34.039 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	52.6	79.0
75	31.8	25.8	38.6





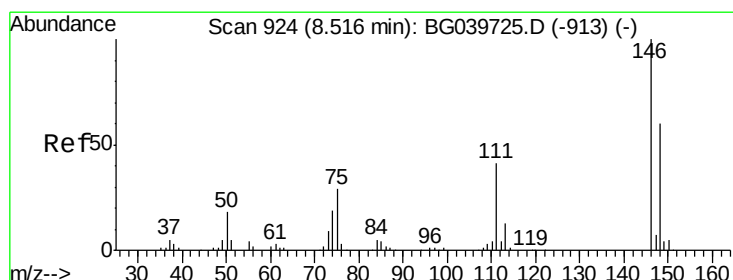
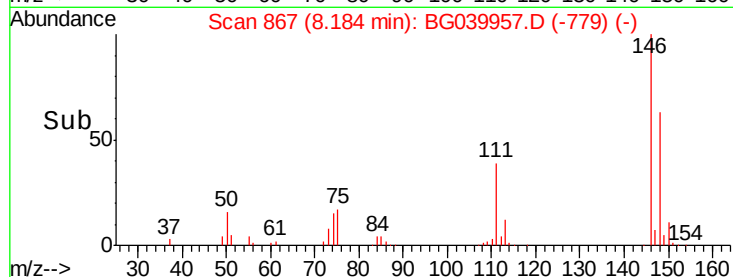
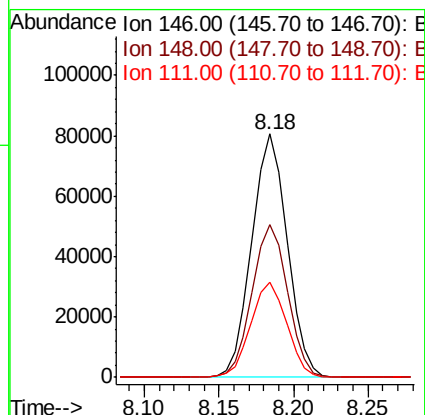
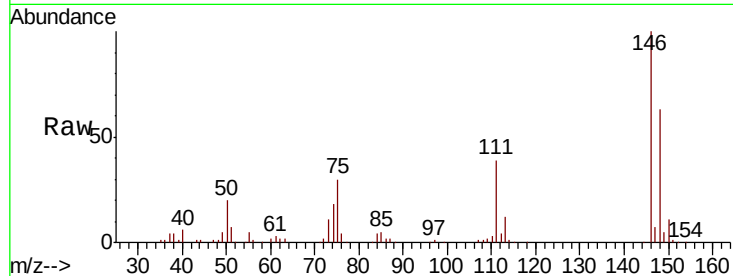
#13
 1,4-Dichlorobenzene
 Concen: 34.806 ng
 RT: 8.18 min Scan# 867
 Delta R.T. -0.02 min
 Lab File: BG039957.D
 Acq: 16 Mar 2019 1:54

Instrument :
 BNA_G
 ClientSampled :
 PB117975BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.1	76.7
111	39.1	32.6	48.8

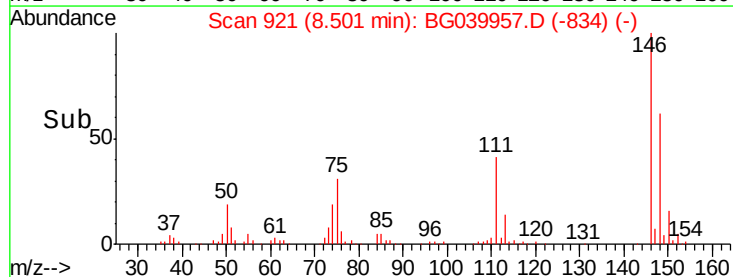
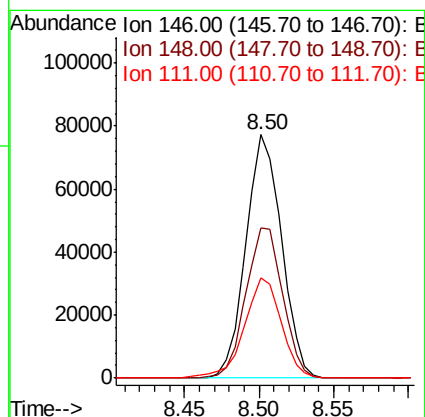
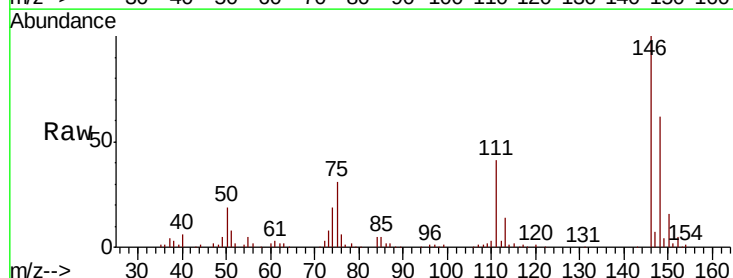
Manual Integrations
 APPROVED

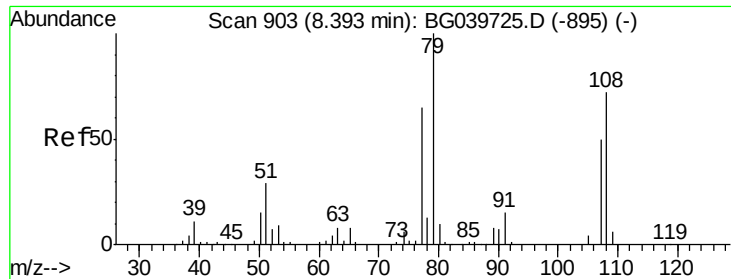
Sohil
 3/18/2019 3:02:45 PM



#14
 1,2-Dichlorobenzene
 Concen: 34.733 ng
 RT: 8.50 min Scan# 921
 Delta R.T. -0.02 min
 Lab File: BG039957.D
 Acq: 16 Mar 2019 1:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.9	51.5	77.3
111	41.0	33.8	50.6





#15

Benzyl Alcohol

Concen: 38.089 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BG039957.D

Acq: 16 Mar 2019 1:54

Instrument :

BNA_G

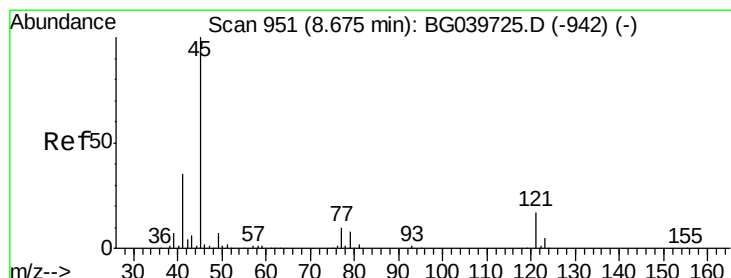
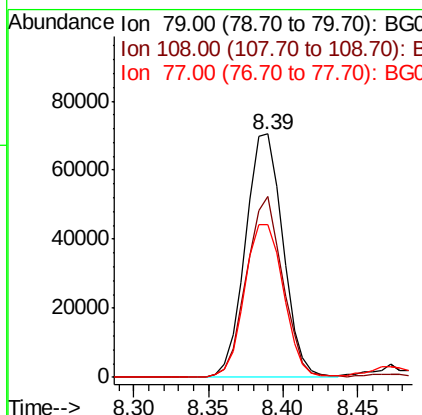
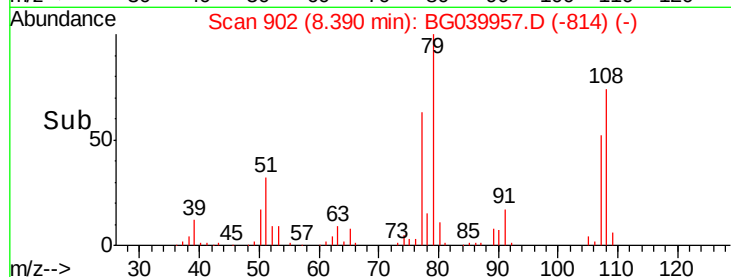
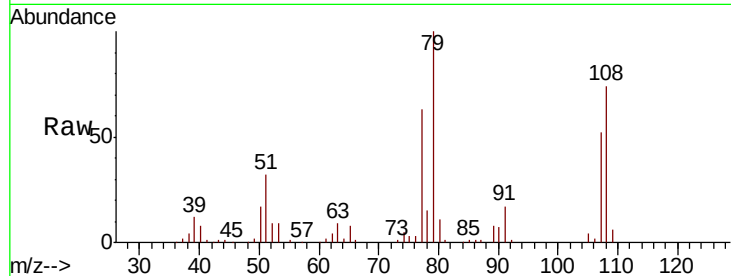
ClientSampleId :

PB117975BS

Tot Ion:	79	Resp:	122682
Ion Ratio	Lower	Upper	
79	100		
108	74.1	57.8	86.6
77	62.5	51.1	76.7

Manual Integrations
APPROVED

Sohil
3/18/2019 3:02:45 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.032 ng

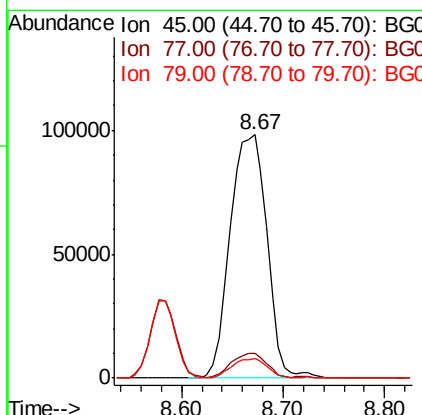
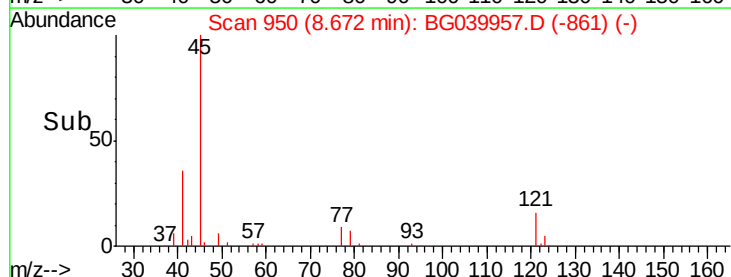
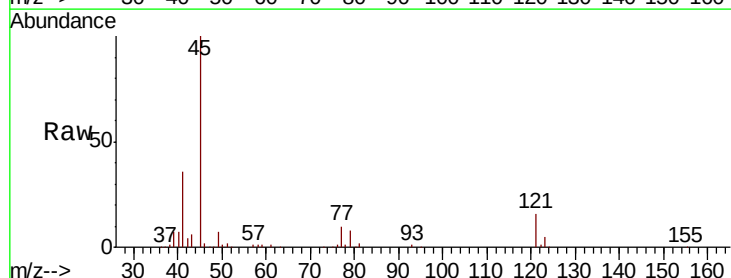
RT: 8.67 min Scan# 950

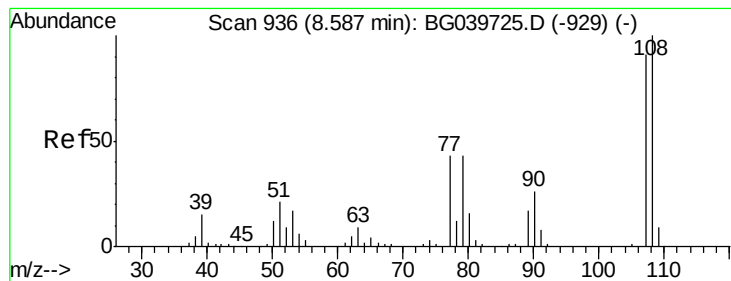
Delta R.T. -0.01 min

Lab File: BG039957.D

Acq: 16 Mar 2019 1:54

Tgt Ion:	45	Resp:	247153
Ion Ratio	Lower	Upper	
45	100		
77	10.2	0.0	30.0
79	8.2	0.0	27.5





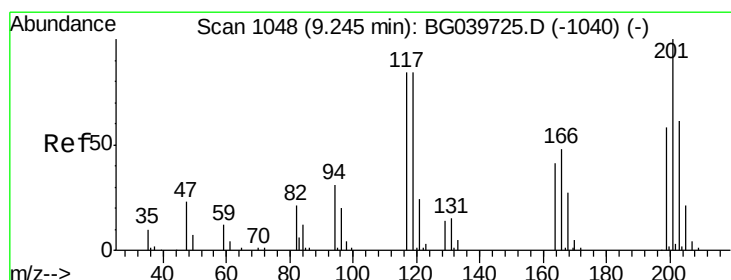
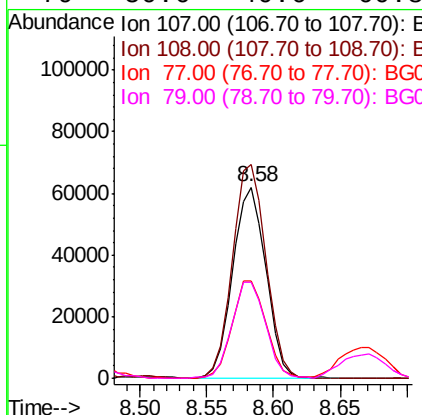
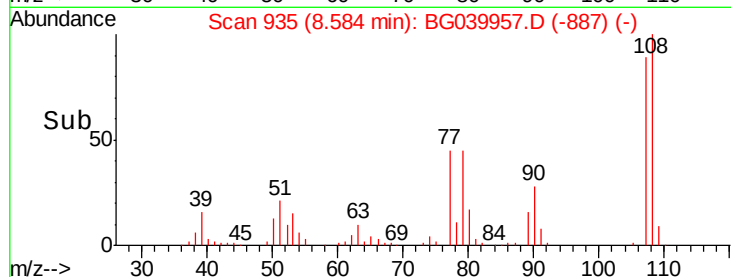
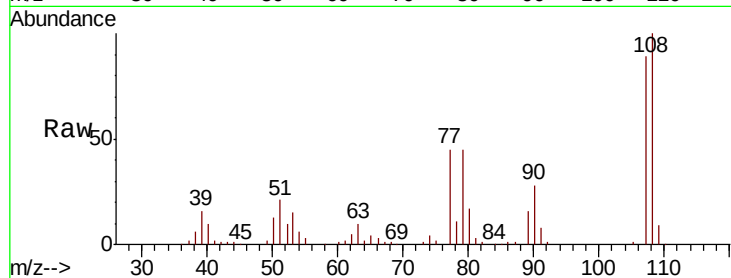
#17
2-Methylphenol
Concen: 38.247 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.02 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Instrument :
BNA_G
ClientSampled :
PB117975BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	107275		
108	112.0		90.8	136.2
77	50.7		40.7	61.1
79	50.6		40.6	60.8

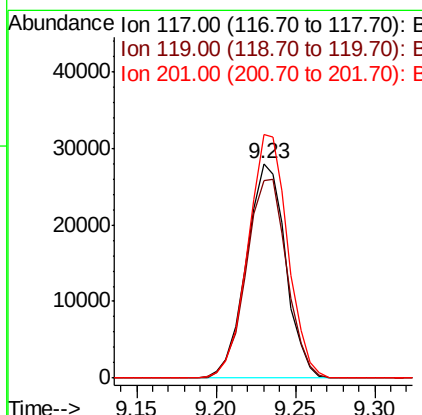
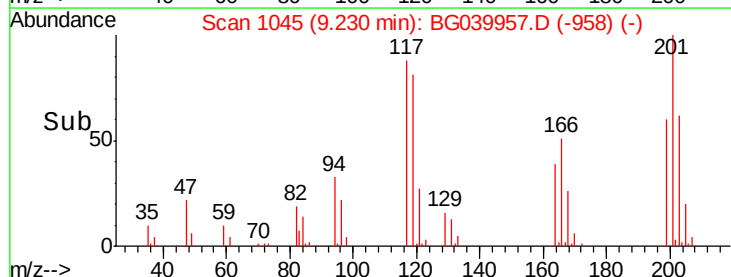
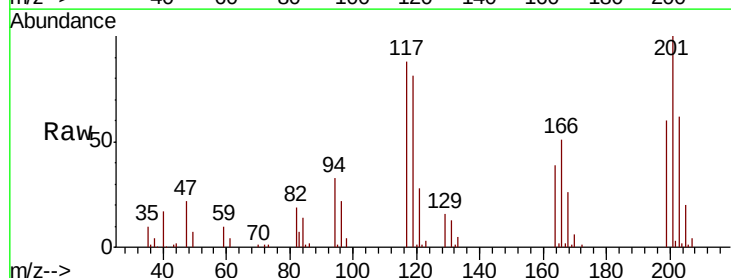
Manual Integrations
APPROVED

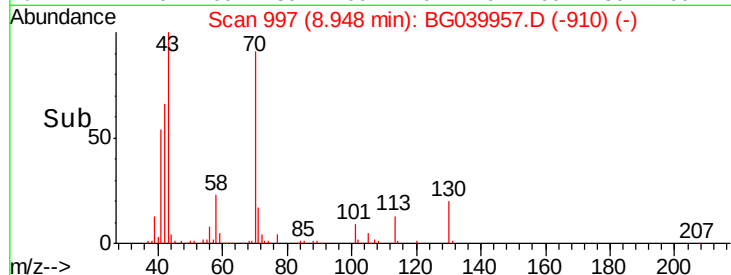
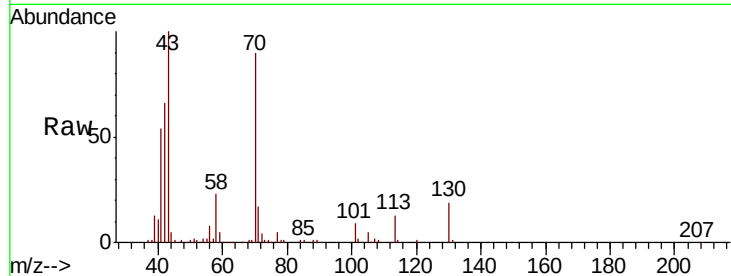
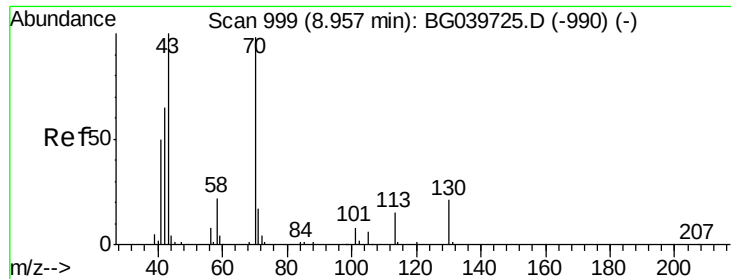
Sohil
3/18/2019 3:02:45 PM



#18
Hexachloroethane
Concen: 35.147 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	47998		
119	92.3		76.3	114.5
201	113.5		91.1	136.7





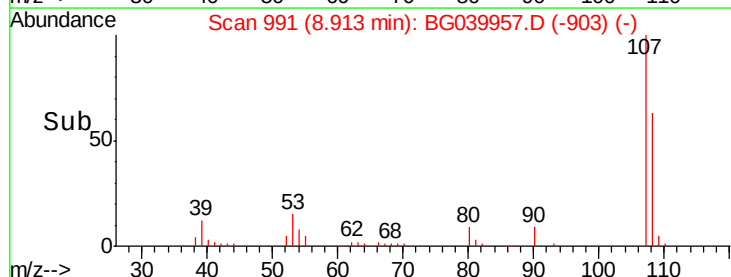
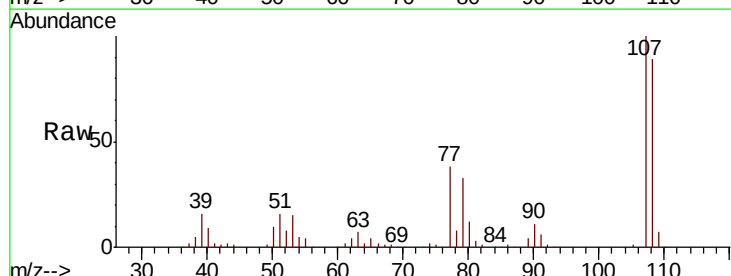
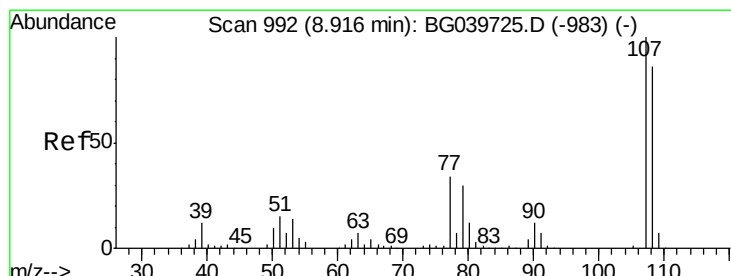
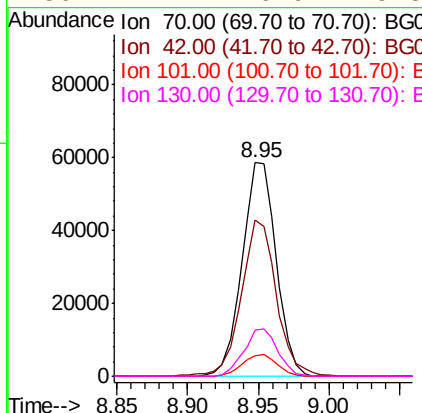
#19
n-Nitroso-di-n-propylamine
Concen: 33.908 ng
RT: 8.95 min Scan# 997
Delta R.T. -0.02 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Instrument :
BNA_G
ClientSampleId :
PB117975BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	73.0	60.4	90.6	
101	9.7	7.5	11.3	
130	21.7	16.9	25.3	

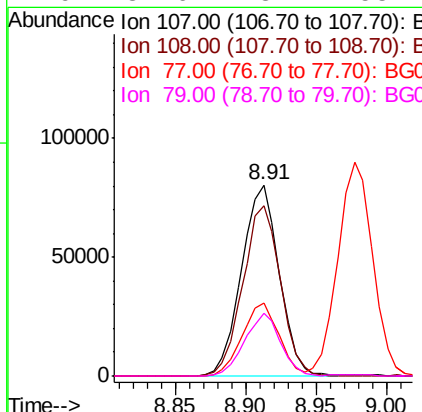
Manual Integrations
APPROVED

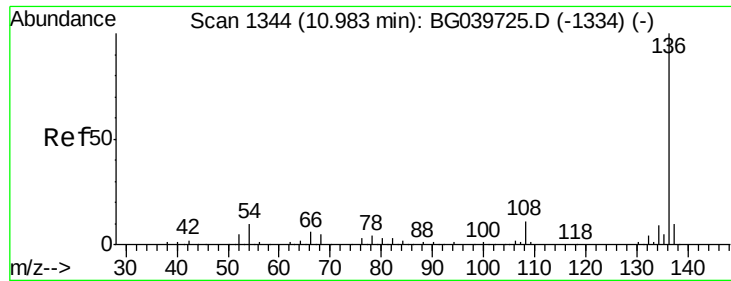
Sohil
3/18/2019 3:02:45 PM



#20
3+4-Methylphenols
Concen: 38.498 ng
RT: 8.91 min Scan# 991
Delta R.T. -0.02 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.7	67.9	107.9	
77	38.0	15.4	55.4	
79	32.6	13.7	53.7	





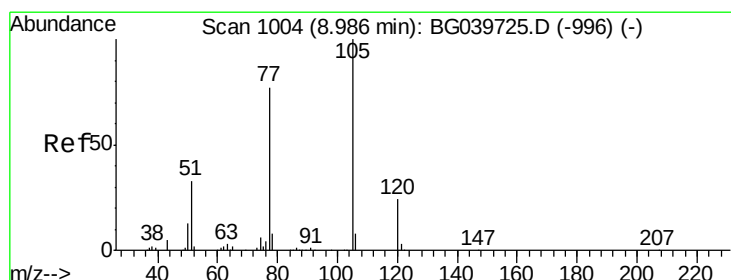
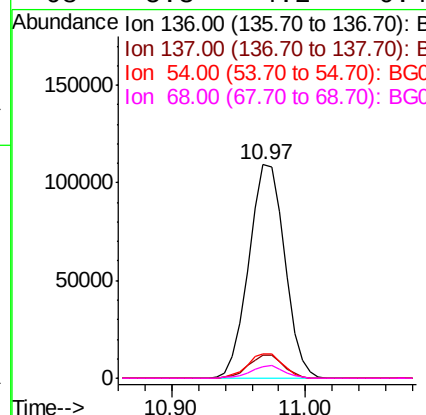
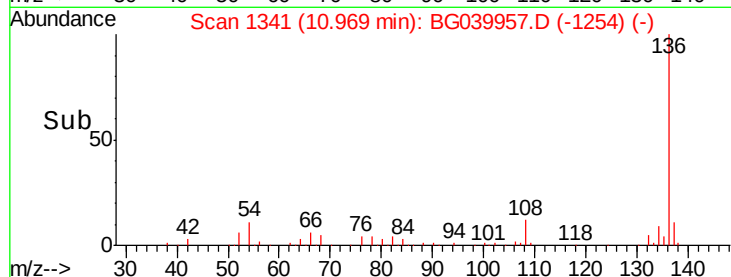
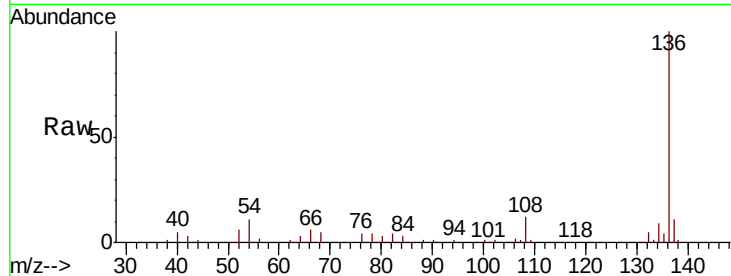
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Instrument :
BNA_G
ClientSampleId :
PB117975BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	9.1	13.7	
54	11.2	9.4	14.2	
68	5.3	4.2	6.4	

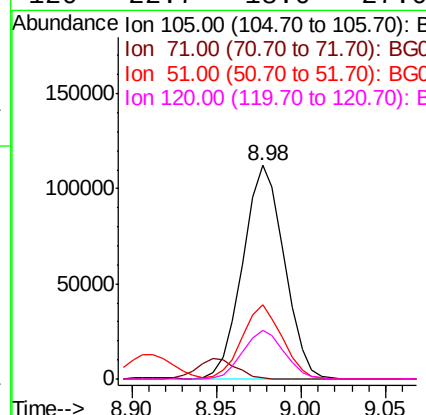
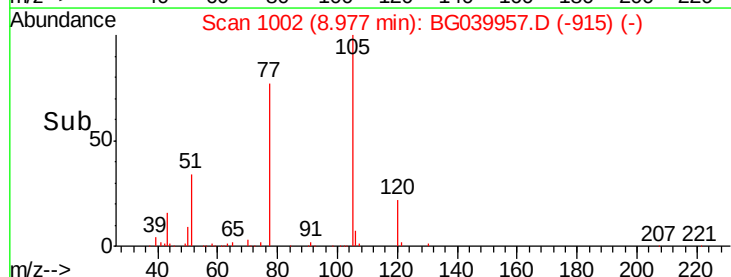
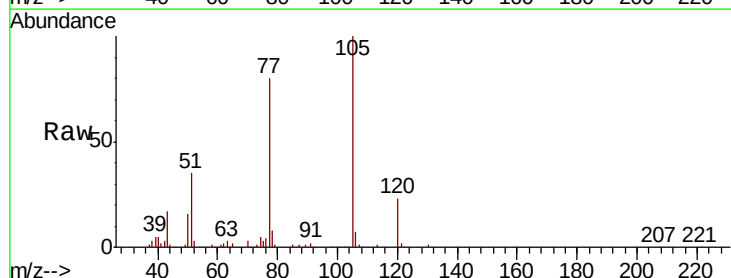
Manual Integrations
APPROVED

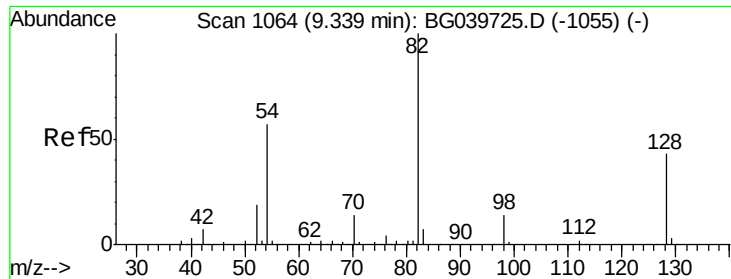
Sohil
3/18/2019 3:02:45 PM



#22
Acetophenone
Concen: 35.233 ng
RT: 8.98 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.5	0.8	1.2#	
51	34.9	30.2	45.2	
120	22.7	18.0	27.0	





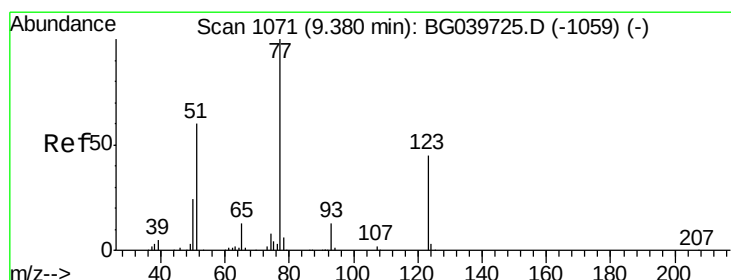
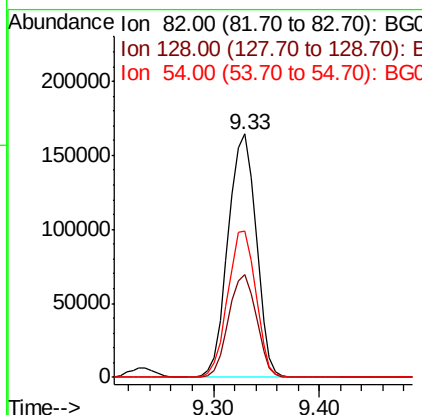
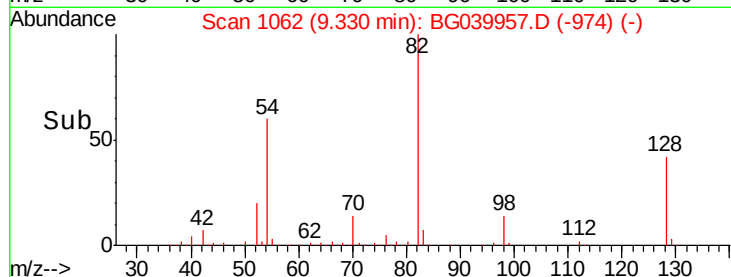
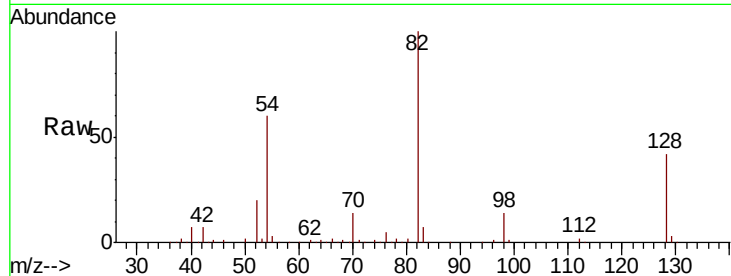
#23
Nitrobenzene-d5
Concen: 80.951 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Instrument :
BNA_G
ClientSampleId :
PB117975BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.0	31.3	46.9	
54	60.1	50.9	76.3	

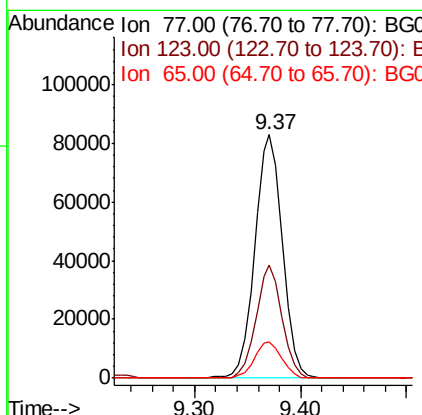
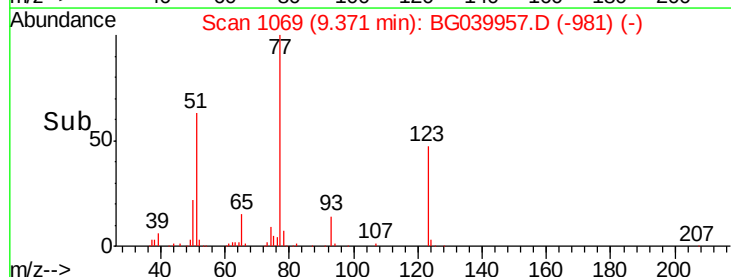
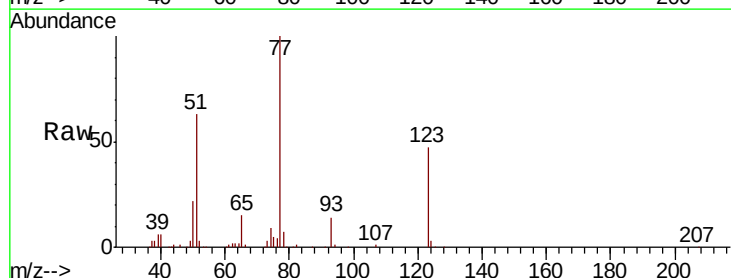
Manual Integrations
APPROVED

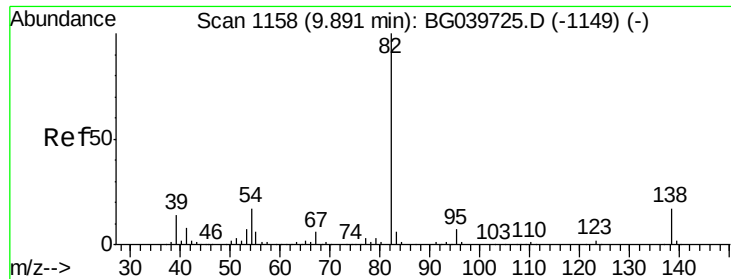
Sohil
3/18/2019 3:02:45 PM



#24
Nitrobenzene
Concen: 38.205 ng
RT: 9.37 min Scan# 1069
Delta R.T. -0.02 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	46.6	34.1	51.1	
65	14.7	12.3	18.5	





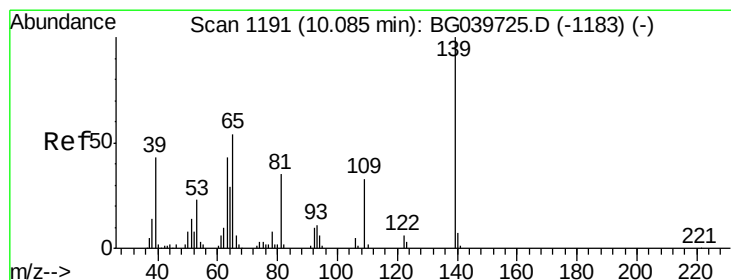
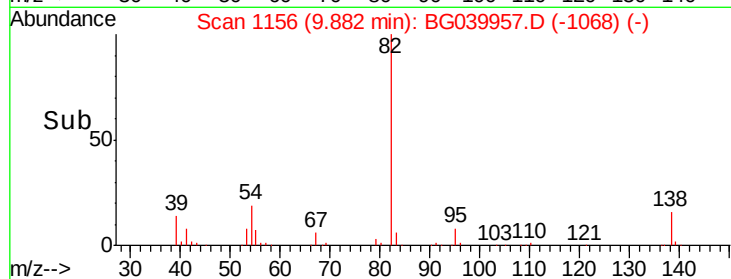
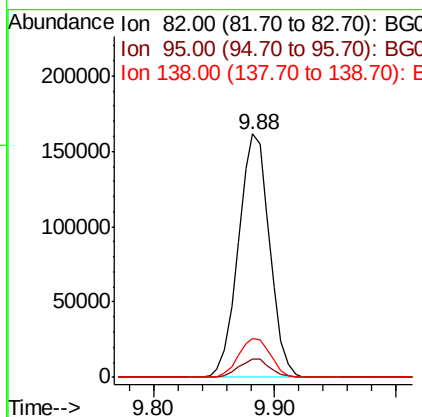
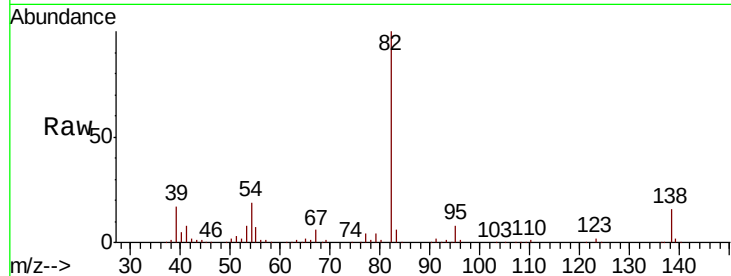
#25
Isophorone
Concen: 36.914 ng
RT: 9.88 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Instrument :
BNA_G
ClientSampleId :
PB117975BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	289916		
95	7.6		6.2	9.2
138	15.9		13.0	19.4

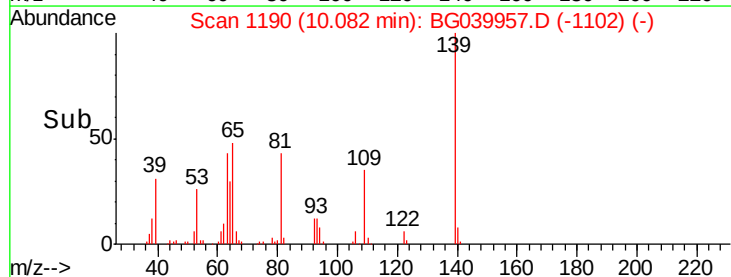
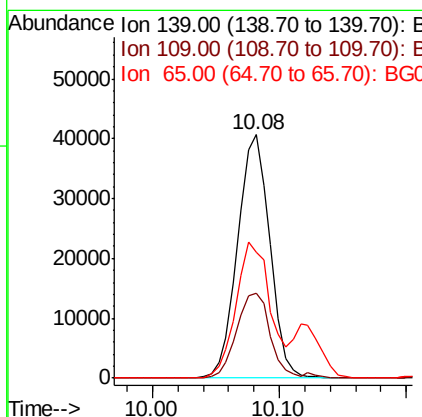
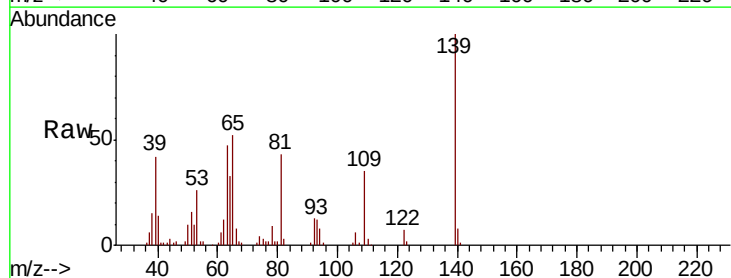
Manual Integrations
APPROVED

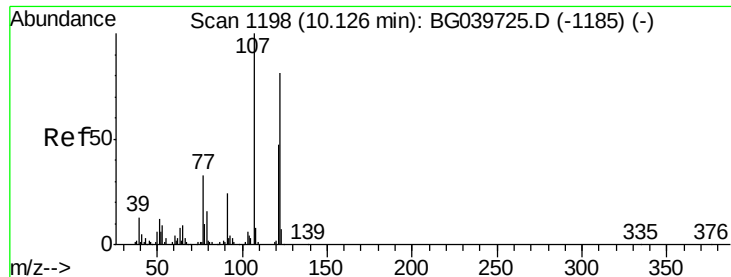
Sohil
3/18/2019 3:02:45 PM



#26
2-Nitrophenol
Concen: 37.615 ng
RT: 10.08 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	71414		
109	34.8		23.4	35.0
65	51.7		44.3	66.5





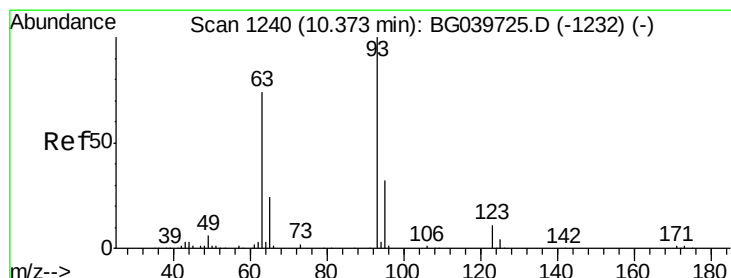
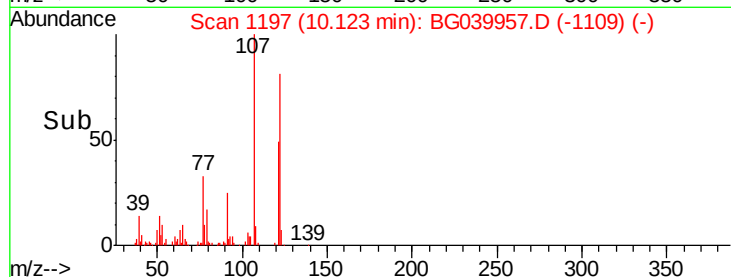
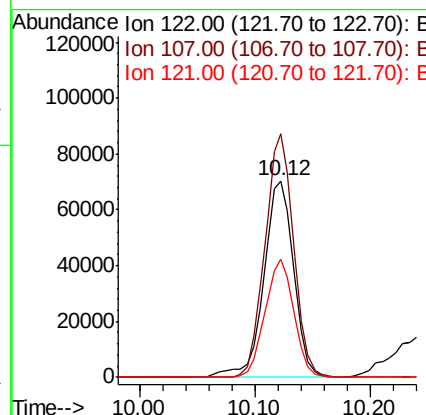
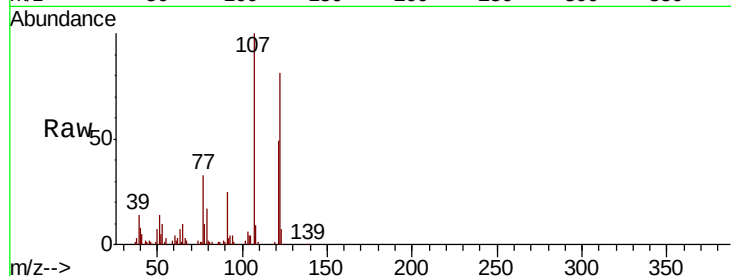
#27
2,4-Dimethylphenol
Concen: 42.894 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Instrument :
BNA_G
ClientSampleId :
PB117975BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	126656		
107	123.9	91.7	137.5	
121	60.2	46.4	69.6	

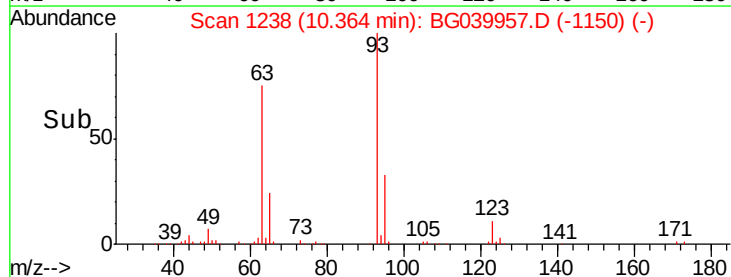
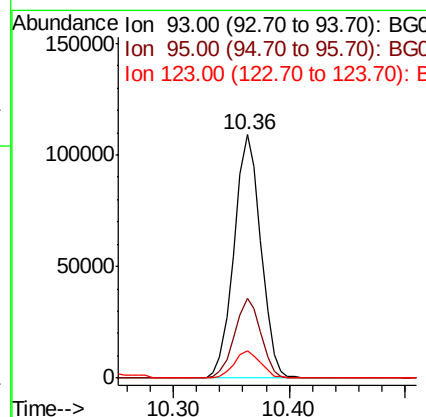
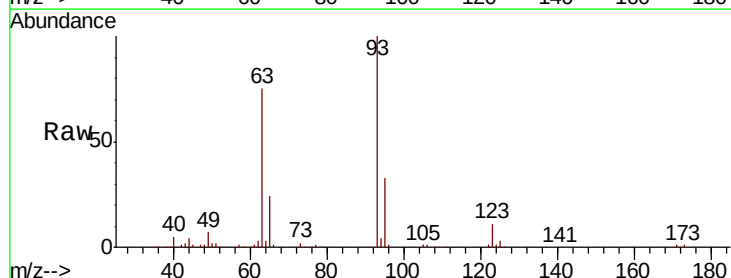
Manual Integrations
APPROVED

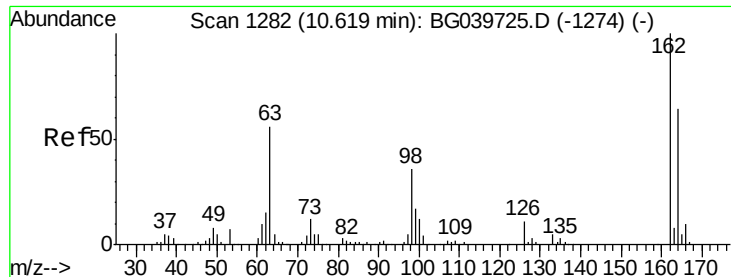
Sohil
3/18/2019 3:02:45 PM



#28
bis(2-Chloroethoxy)methane
Concen: 36.739 ng
RT: 10.36 min Scan# 1238
Delta R.T. -0.02 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	175348		
95	32.9	25.0	37.4	
123	11.4	8.6	12.8	





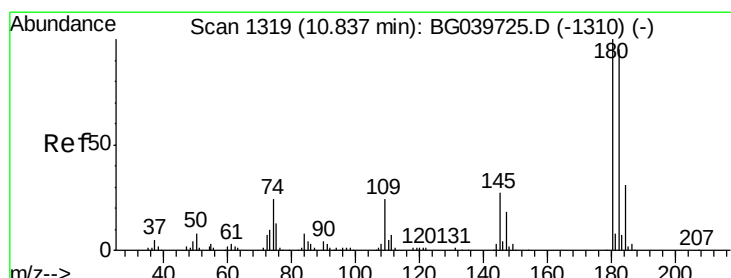
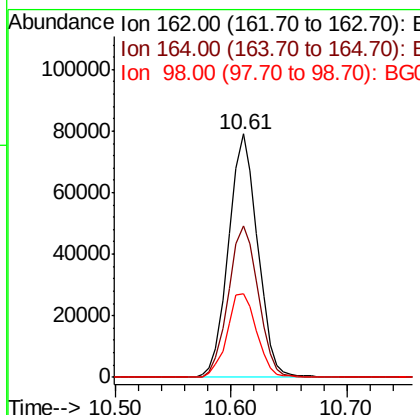
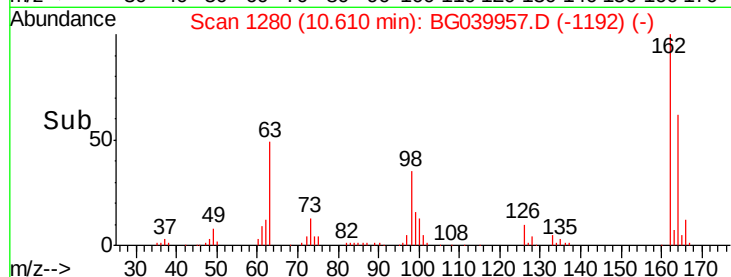
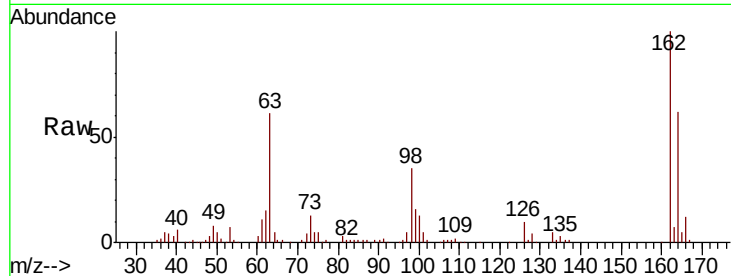
#29
 2,4-Dichlorophenol
 Concen: 41.373 ng
 RT: 10.61 min Scan# 1280
 Delta R.T. -0.02 min
 Lab File: BG039957.D
 Acq: 16 Mar 2019 1:54

Instrument :
 BNA_G
 ClientSampled :
 PB117975BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	62.3	48.1	88.1
98	34.6	18.1	58.1

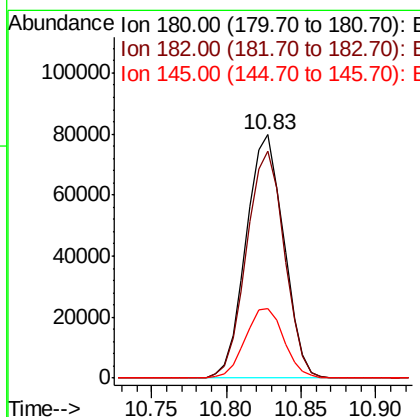
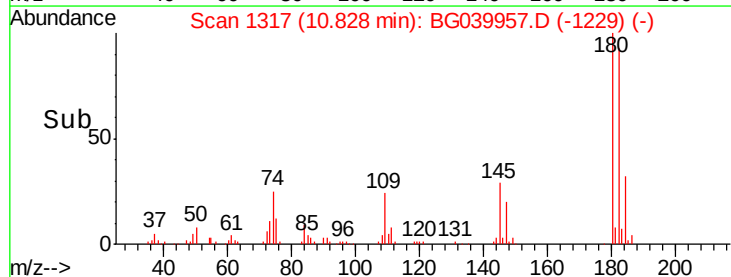
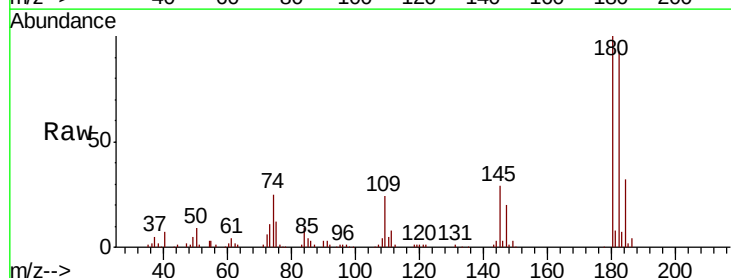
Manual Integrations
 APPROVED

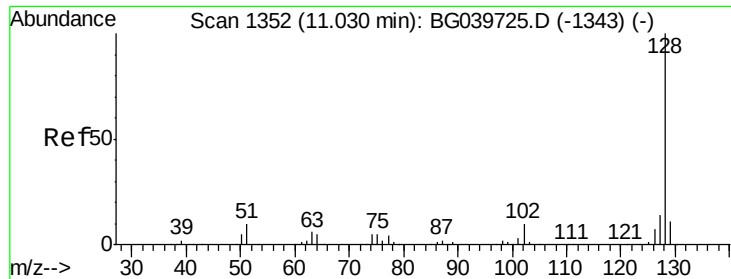
Sohil
 3/18/2019 3:02:45 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 37.344 ng
 RT: 10.83 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BG039957.D
 Acq: 16 Mar 2019 1:54

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.0	76.0	114.0
145	28.7	22.7	34.1





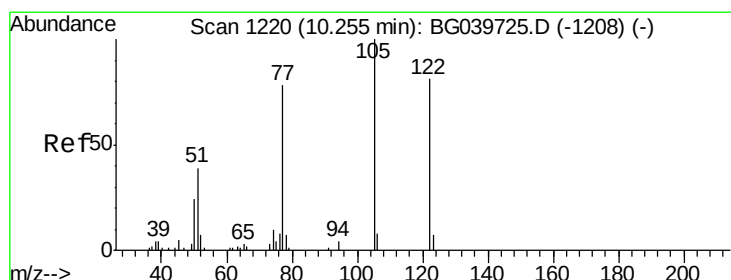
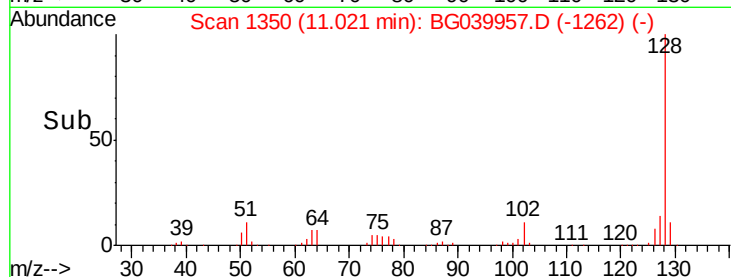
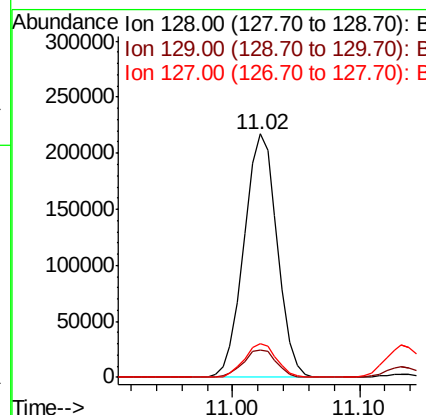
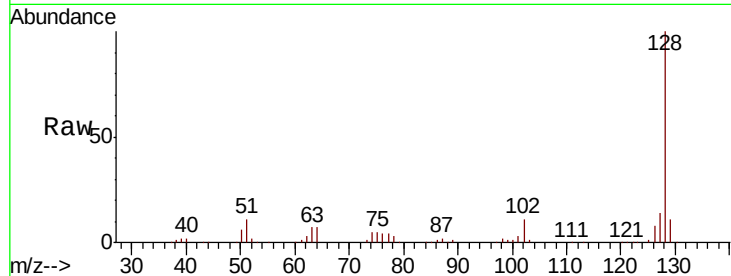
#31
Naphthalene
Concen: 36.588 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Instrument :
BNA_G
ClientSampleId :
PB117975BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	392715		
129	11.0	8.7	13.1	
127	13.9	10.8	16.2	

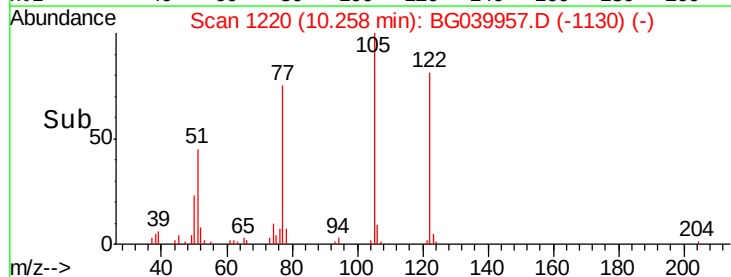
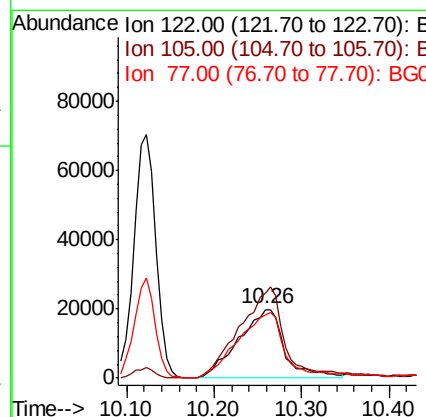
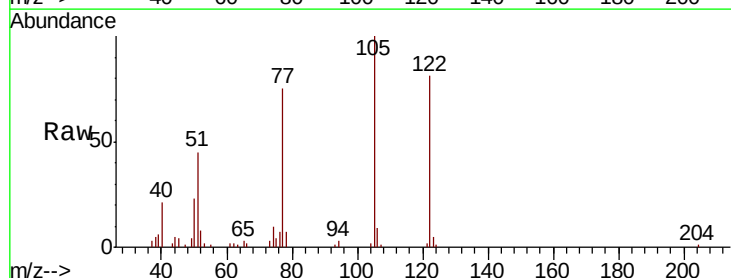
Manual Integrations
APPROVED

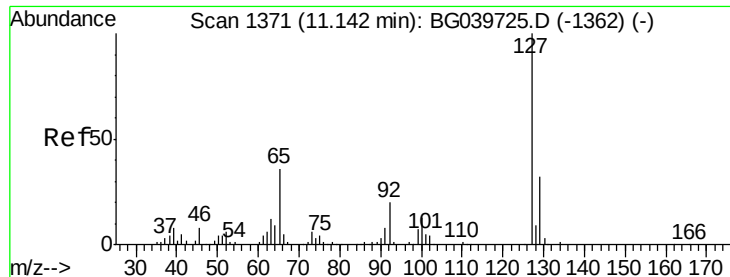
Sohil
3/18/2019 3:02:45 PM



#32
Benzoic acid
Concen: 36.839 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	71082		
105	123.7	101.8	141.8	
77	92.6	76.3	116.3	





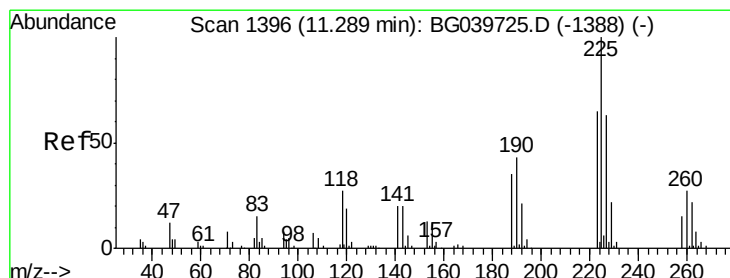
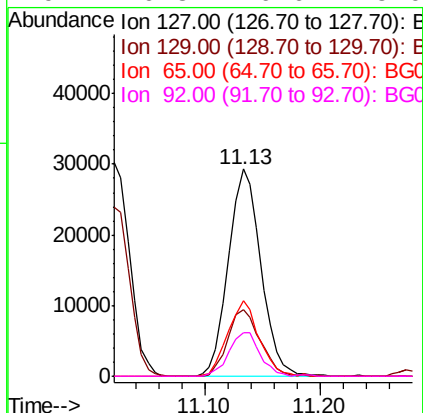
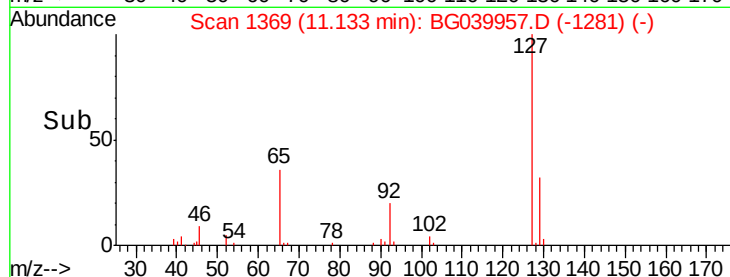
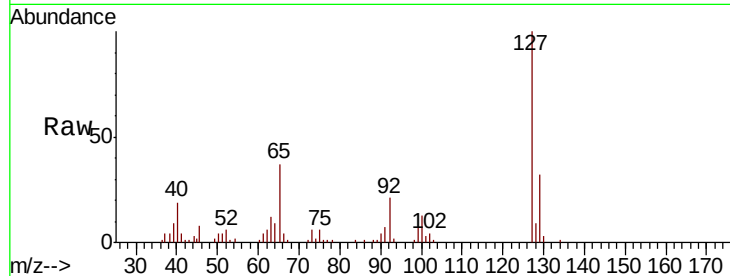
#33
4-Chloroaniline
Concen: 12.615 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Instrument :
BNA_G
ClientSampled :
PB117975BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.4	27.0	40.4	
65	36.8	28.8	43.2	
92	20.8	16.6	25.0	

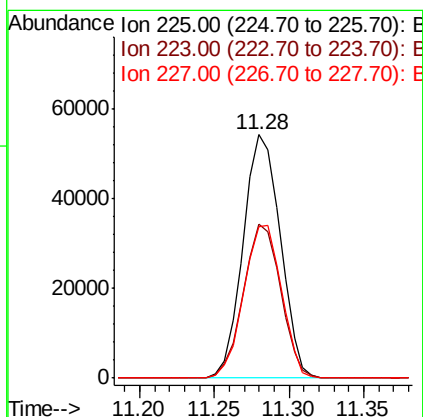
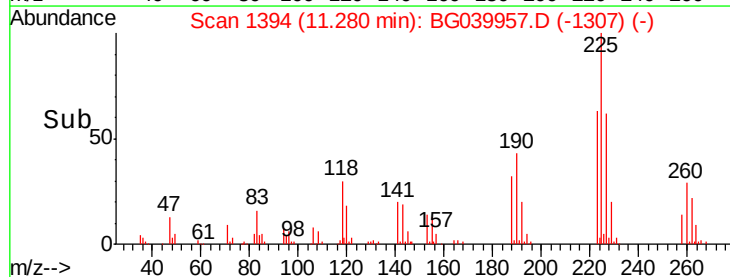
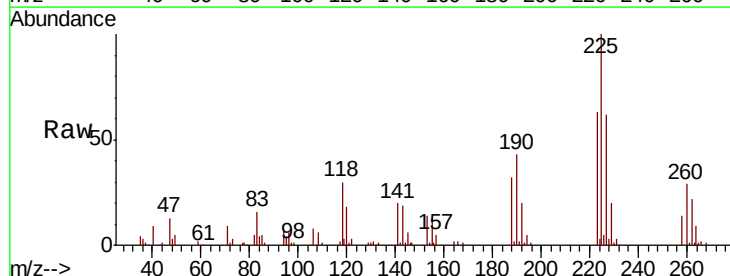
Manual Integrations
APPROVED

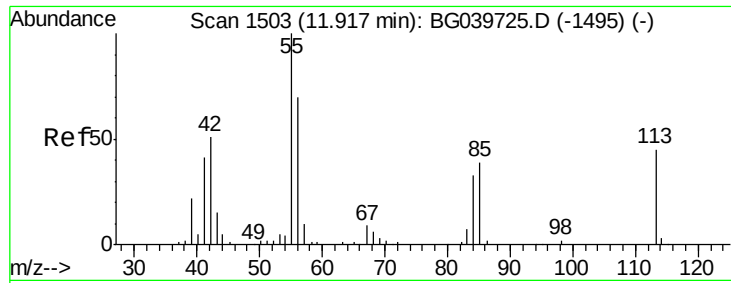
Sohil
3/18/2019 3:02:45 PM



#34
Hexachlorobutadiene
Concen: 36.624 ng
RT: 11.28 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.0	49.0	73.6	
227	62.0	46.3	69.5	





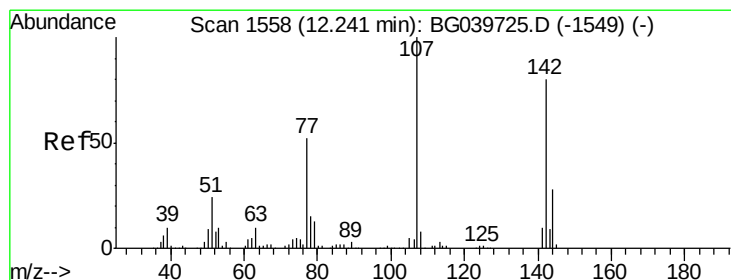
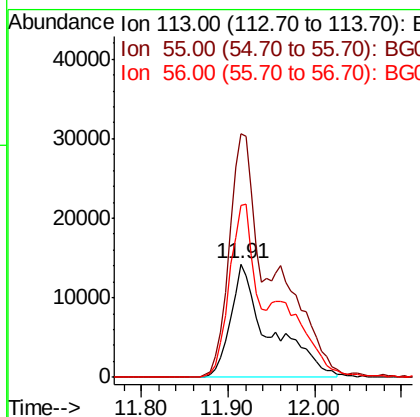
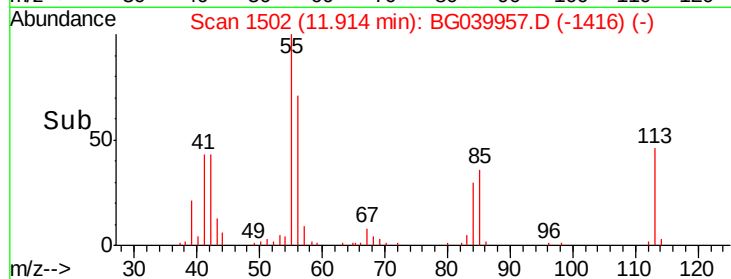
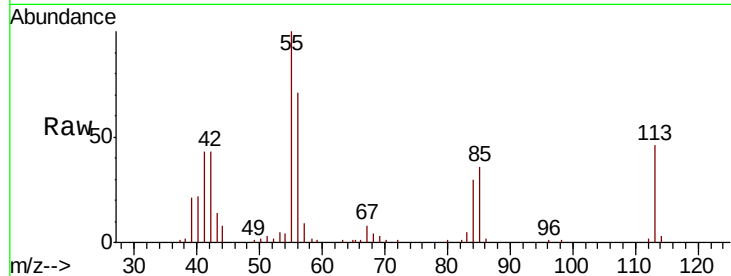
#35
 Caprolactam
 Concen: 35.410 ng/ml
 RT: 11.91 min Scan# 1502
 Delta R.T. -0.03 min
 Lab File: BG039957.D
 Acq: 16 Mar 2019 1:54

Instrument :
 BNA_G
 ClientSampleID :
 PB117975BS

Tot Ion: 113 Resp: 44969
 Ion Ratio Lower Upper
 113 100
 55 215.3 216.9 256.9#
 56 152.3 152.6 192.6#

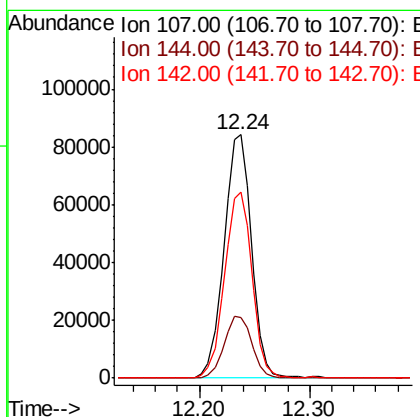
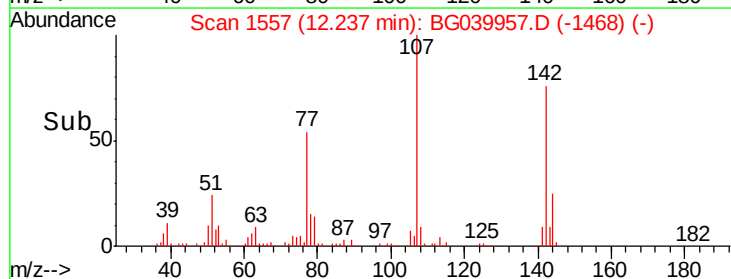
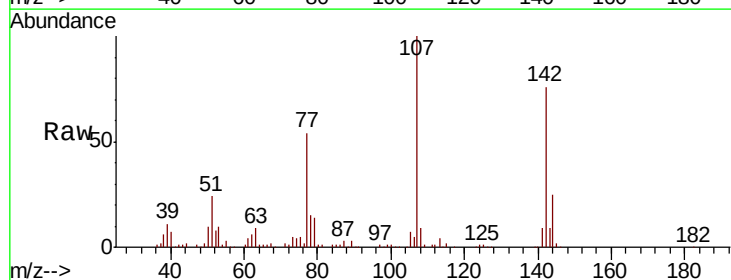
Manual Integrations
 APPROVED

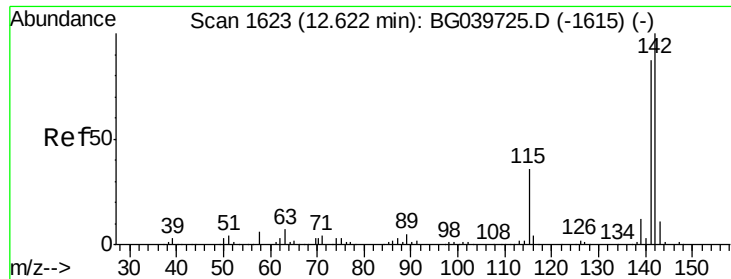
Sohil
 3/18/2019 3:02:45 PM



#36
 4-Chloro-3-methylphenol
 Concen: 38.522 ng/ml
 RT: 12.24 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BG039957.D
 Acq: 16 Mar 2019 1:54

Tgt Ion: 107 Resp: 146806
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.2 30.2
 142 76.2 61.4 92.2





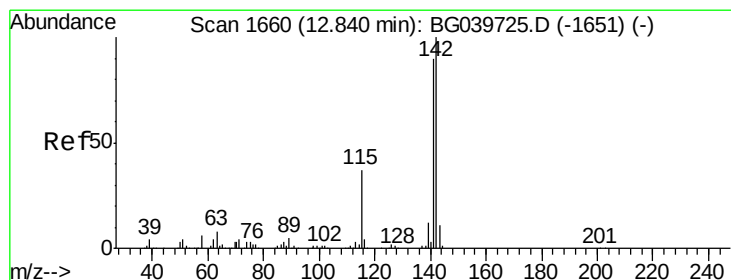
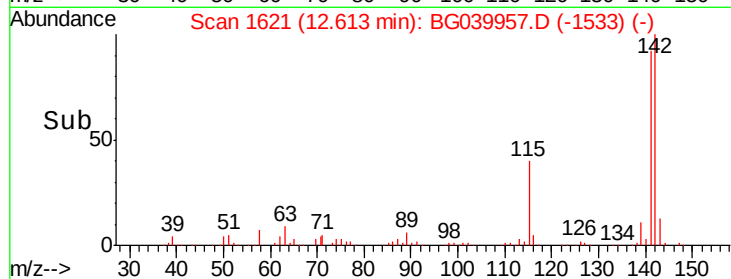
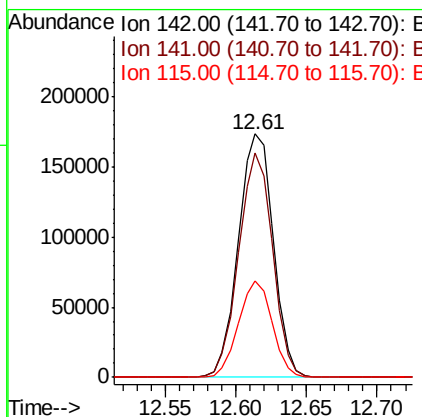
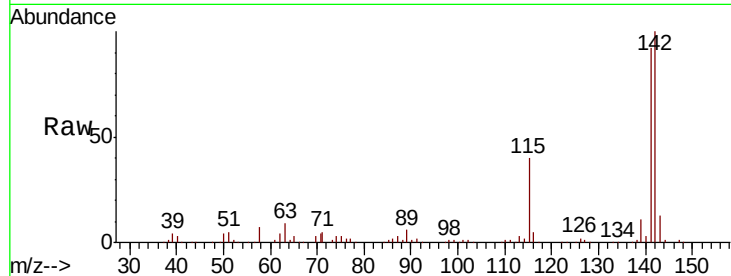
#37
2-Methylnaphthalene
Concen: 37.427 ng
RT: 12.61 min Scan# 1621
Delta R.T. -0.02 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Instrument :
BNA_G
ClientSampleId :
PB117975BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.5	110.3
115	39.6	30.8	46.2

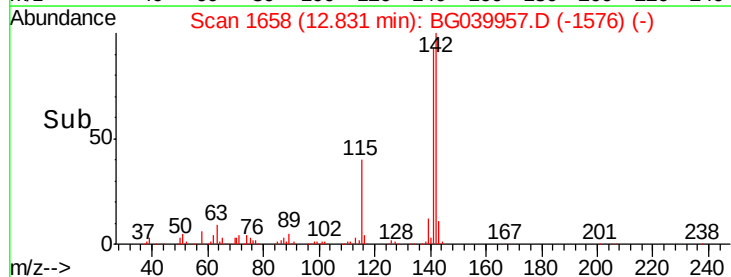
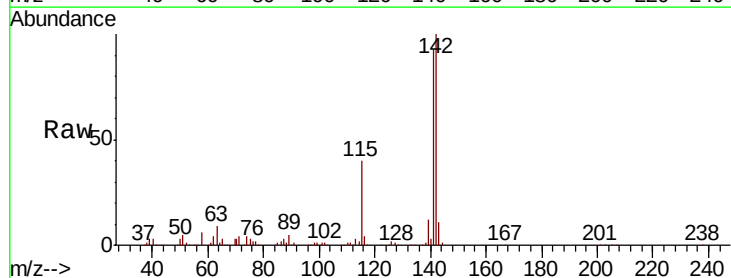
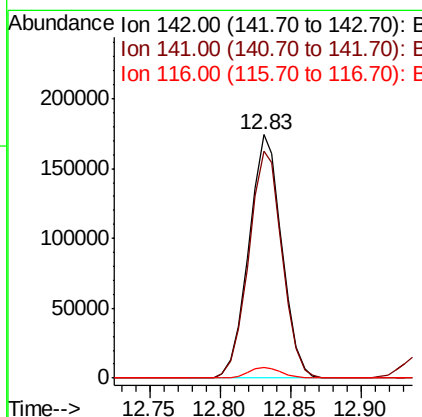
Manual Integrations
APPROVED

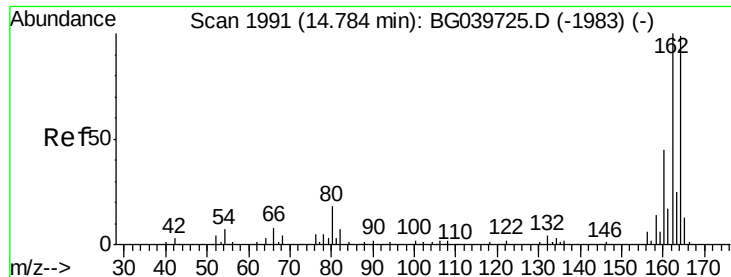
Sohil
3/18/2019 3:02:45 PM



#38
1-Methylnaphthalene
Concen: 36.448 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	74.2	111.4
116	4.3	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG039957.D

Acq: 16 Mar 2019 1:54

Instrument :

BNA_G

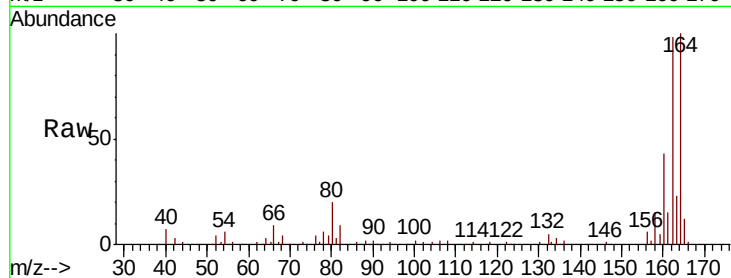
ClientSampleId :

PB117975BS

Tot Ion:	164	Resp:	133724
Ion Ratio	Lower	Upper	
164	100		
162	98.2	81.6	122.4
160	43.1	34.2	51.2

Manual Integrations
APPROVED

Sohil
3/18/2019 3:02:45 PM

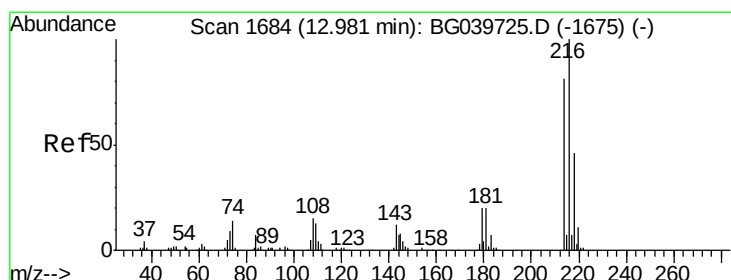
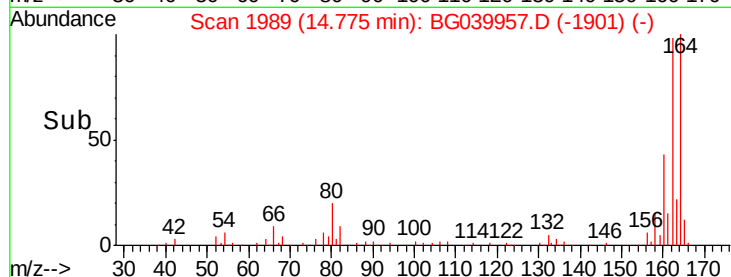
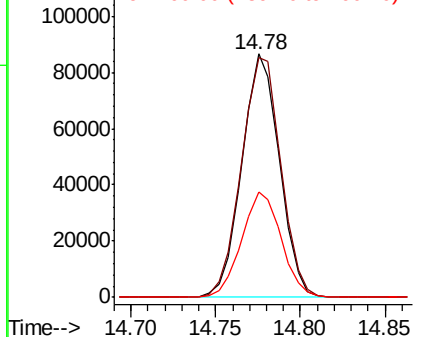


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.273 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BG039957.D

Acq: 16 Mar 2019 1:54

Tgt Ion:	216	Resp:	168857
Ion Ratio	Lower	Upper	
216	100		
214	78.5	62.6	94.0
179	21.0	16.6	25.0
108	19.3	14.0	21.0

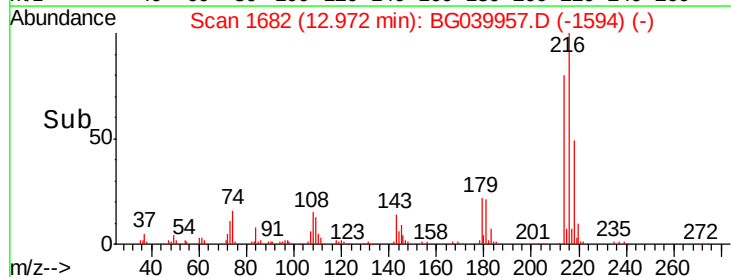
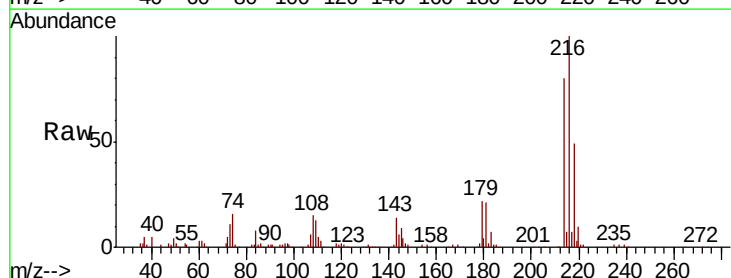
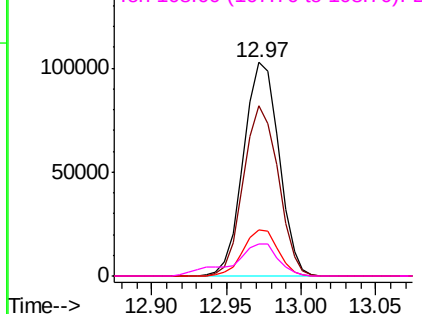
Abundance

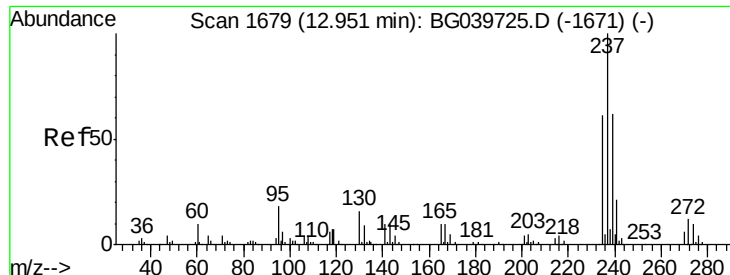
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 96.522 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.02 min

Lab File: BG039957.D

Acq: 16 Mar 2019 1:54

Instrument :

BNA_G

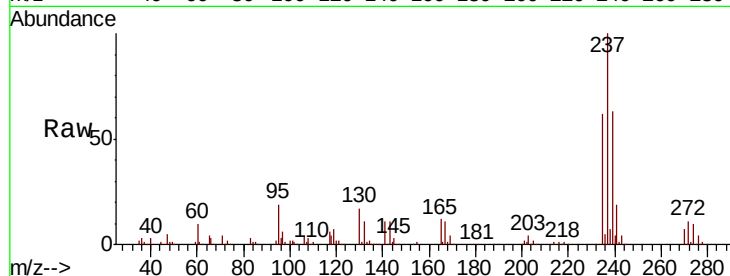
ClientSampleId :

PB117975BS

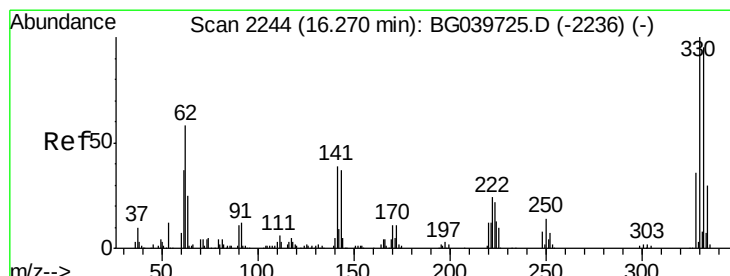
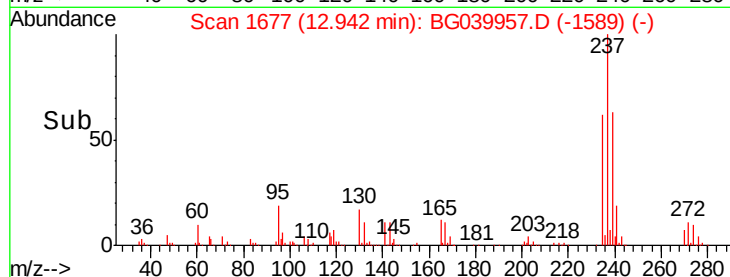
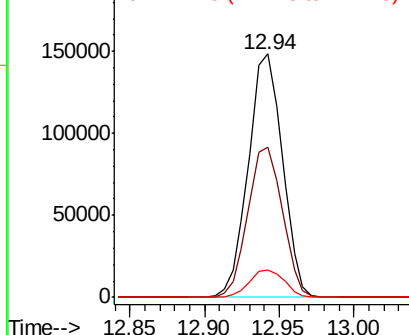
Tot Ion:	237	Resp:	234333
Ion Ratio	Lower	Upper	
237	100		
235	61.6	43.3	83.3
272	11.0	0.0	32.3

Manual Integrations
APPROVED

Sohil
3/18/2019 3:02:45 PM



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: 118.057 ng

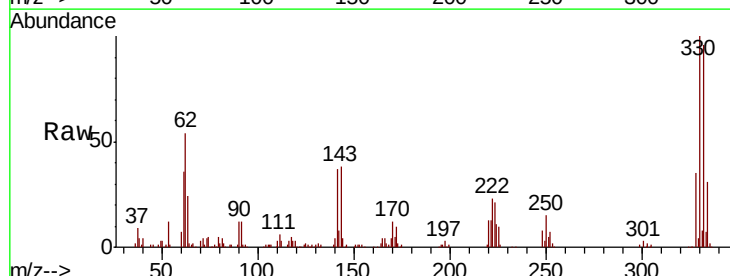
RT: 16.27 min Scan# 2243

Delta R.T. -0.01 min

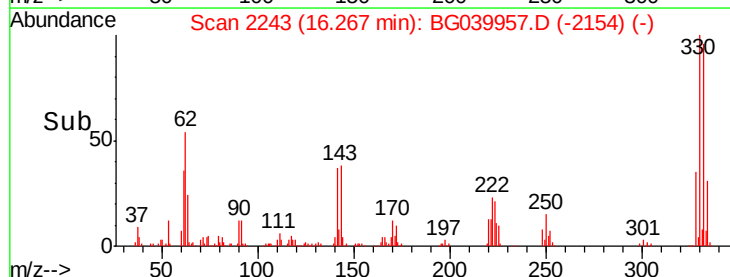
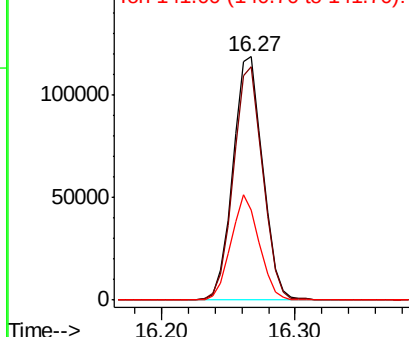
Lab File: BG039957.D

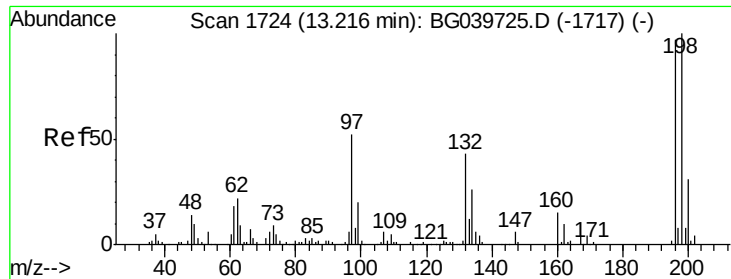
Acq: 16 Mar 2019 1:54

Tgt Ion:	330	Resp:	184010
Ion Ratio	Lower	Upper	
330	100		
332	95.0	75.7	113.5
141	41.3	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





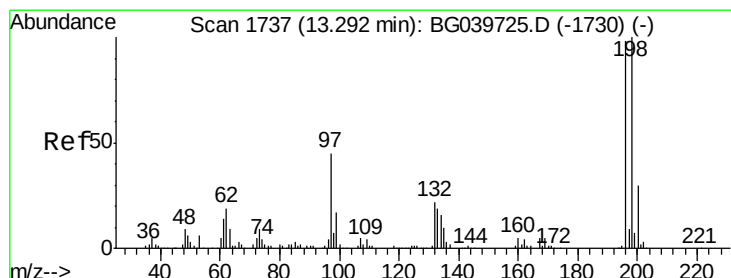
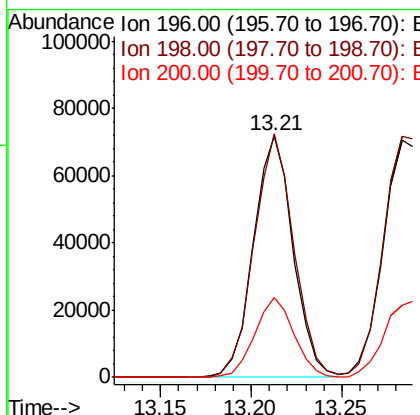
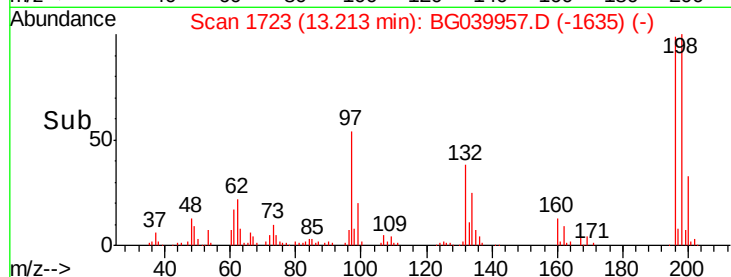
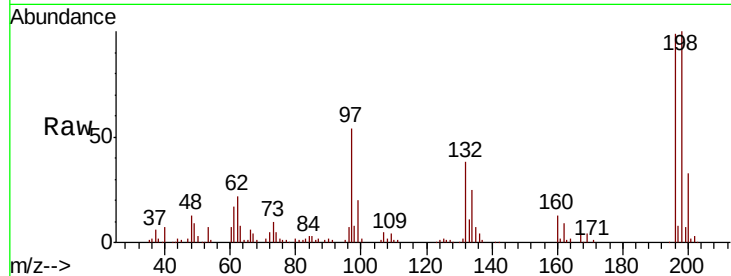
#43
 2,4,6-Trichlorophenol
 Concen: 41.463 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.02 min
 Lab File: BG039957.D
 Acq: 16 Mar 2019 1:54

Instrument :
 BNA_G
 ClientSampled :
 PB117975BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	109969		
198	100.9	80.6	121.0	
200	33.3	26.1	39.1	

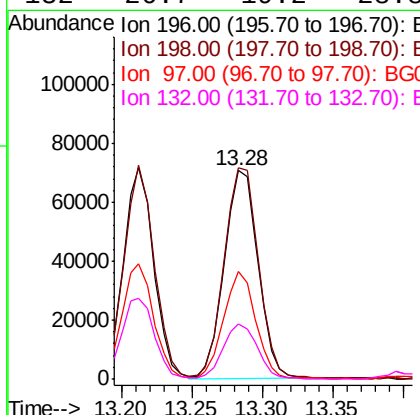
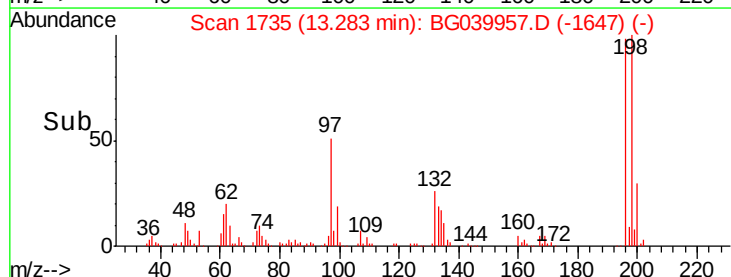
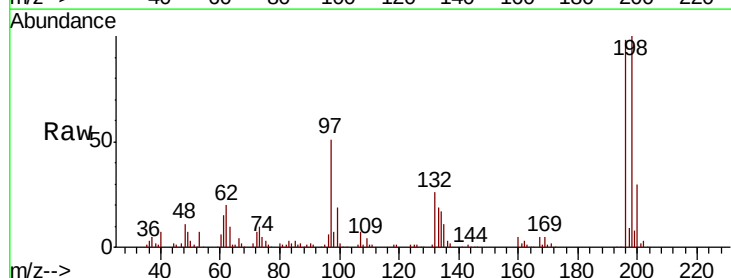
Manual Integrations
 APPROVED

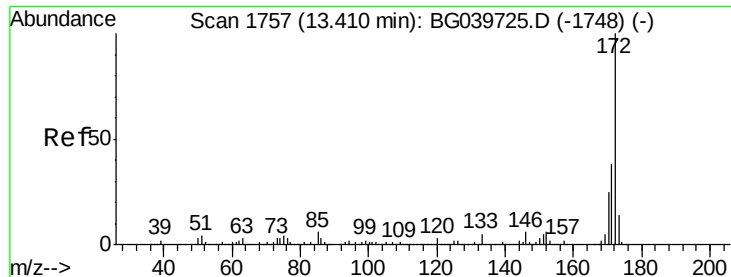
Sohil
 3/18/2019 3:02:45 PM



#44
 2,4,5-Trichlorophenol
 Concen: 39.451 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG039957.D
 Acq: 16 Mar 2019 1:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	117941		
198	101.8	78.5	117.7	
97	51.6	38.4	57.6	
132	26.7	19.2	28.8	





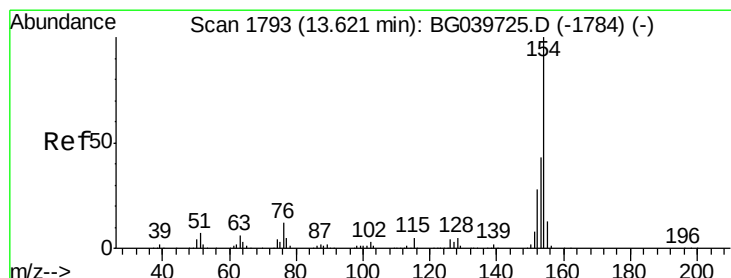
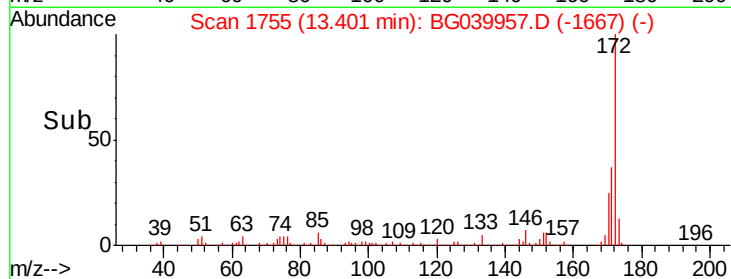
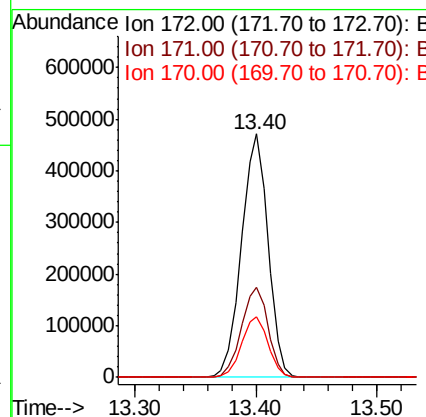
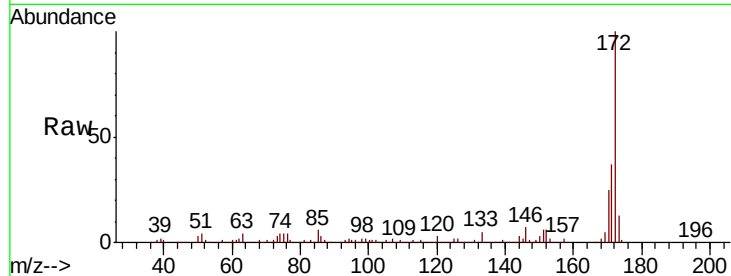
#45
2-Fluorobiphenyl
Concen: 76.791 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Instrument :
BNA_G
ClientSampleId :
PB117975BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.8	46.2
170	25.0	20.2	30.4

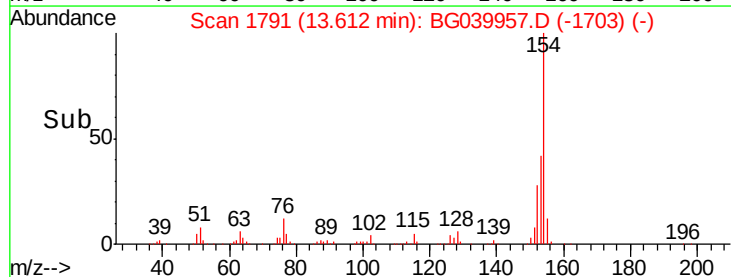
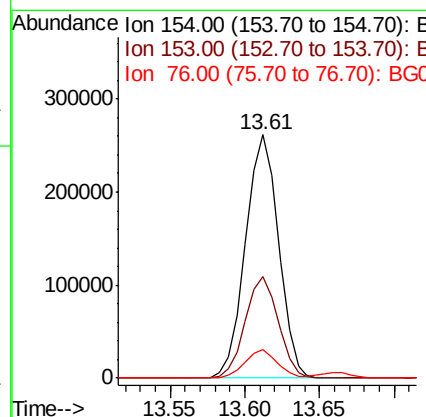
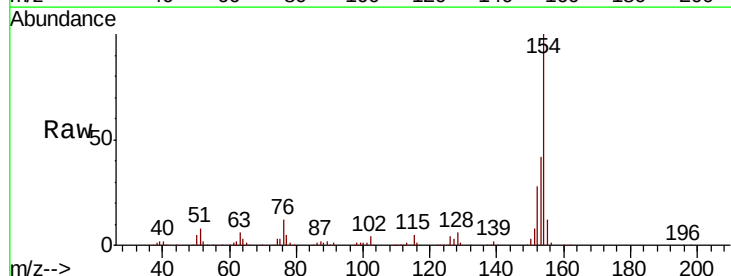
Manual Integrations
APPROVED

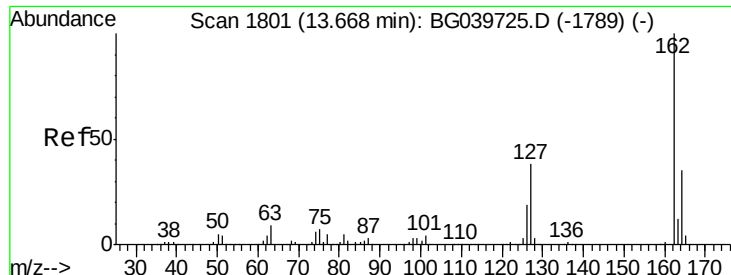
Sohil
3/18/2019 3:02:45 PM



#46
1,1'-Biphenyl
Concen: 36.420 ng
RT: 13.61 min Scan# 1791
Delta R.T. -0.02 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	22.1	62.1
76	11.9	0.0	32.4





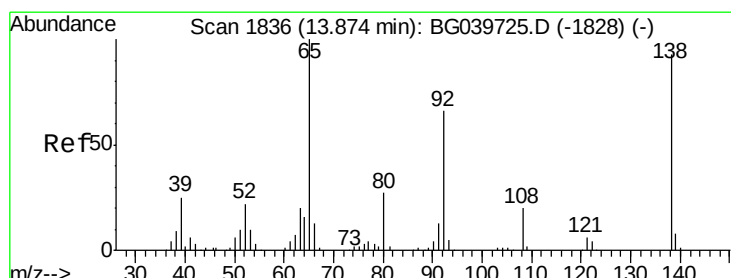
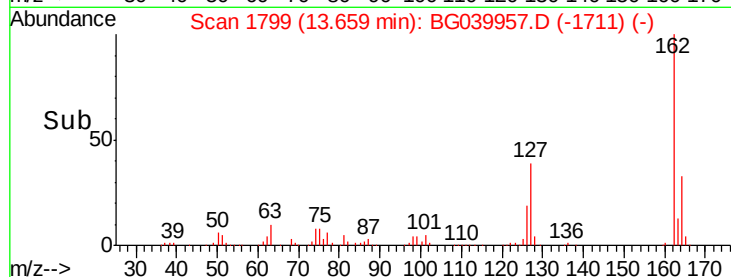
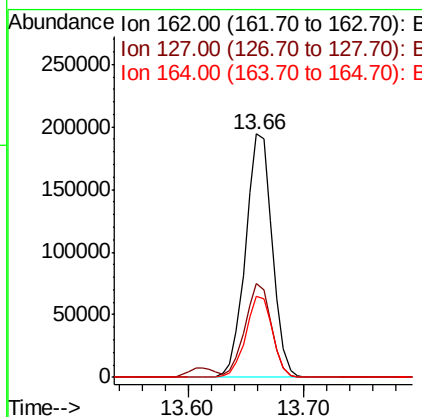
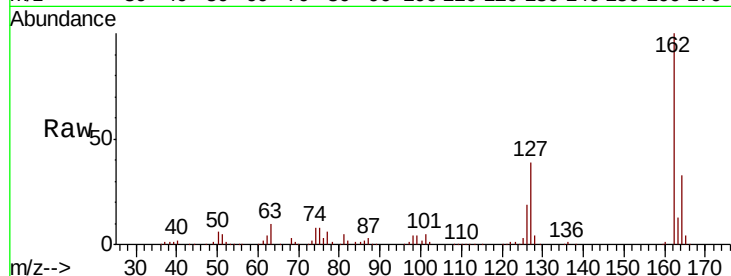
#47
 2-Chloronaphthalene
 Concen: 37.573 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BG039957.D
 Acq: 16 Mar 2019 1:54

Instrument :
 BNA_G
 ClientSampled :
 PB117975BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.7	31.0	46.6
164	33.5	25.7	38.5

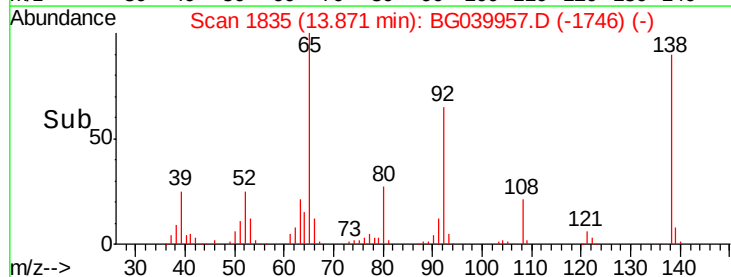
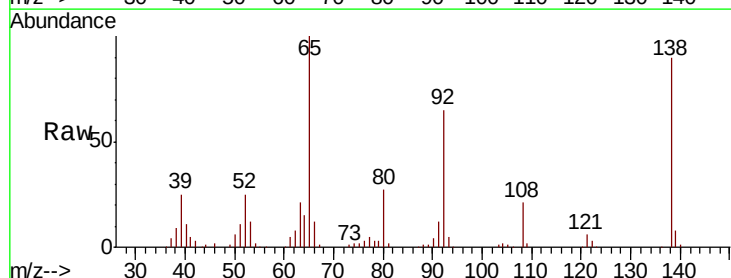
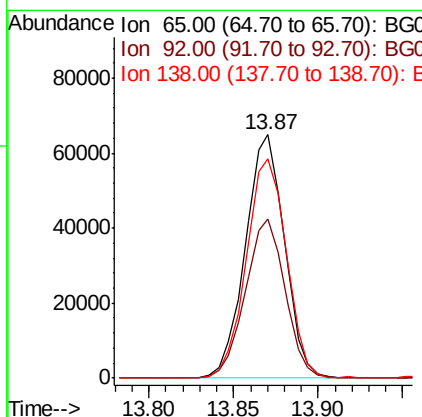
Manual Integrations
 APPROVED

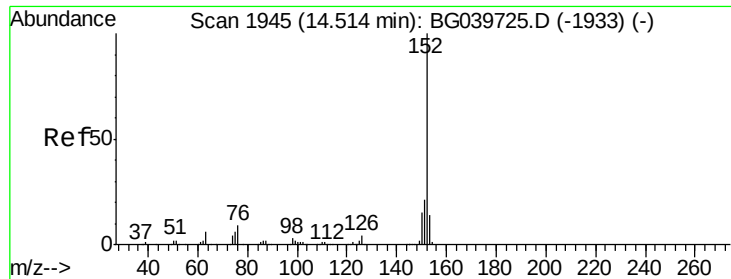
Sohil
 3/18/2019 3:02:45 PM



#48
 2-Nitroaniline
 Concen: 39.214 ng
 RT: 13.87 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: BG039957.D
 Acq: 16 Mar 2019 1:54

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.3	51.4	77.2
138	90.2	71.4	107.2





#49

Acenaphthylene

Concen: 36.498 ng

RT: 14.50 min Scan# 1943

Delta R.T. -0.02 min

Lab File: BG039957.D

Acq: 16 Mar 2019 1:54

Instrument :

BNA_G

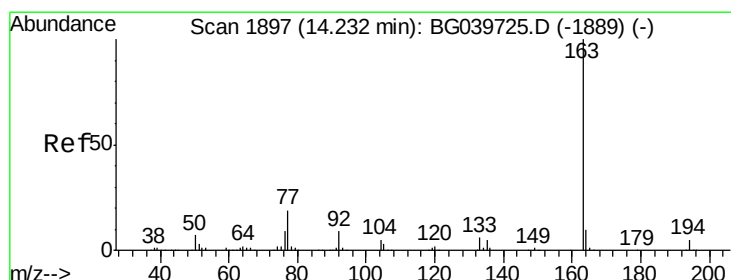
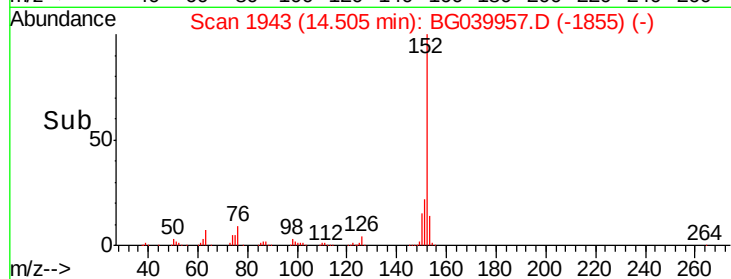
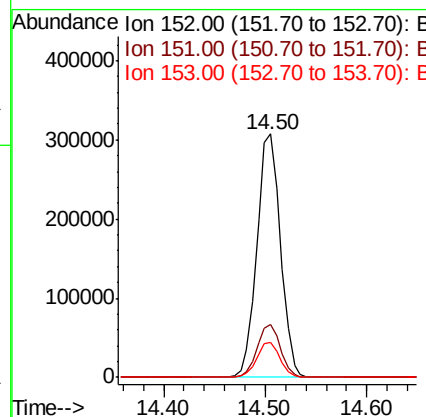
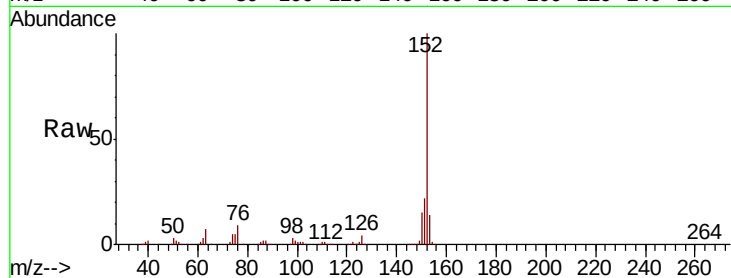
ClientSampleId :

PB117975BS

Tot Ion:	152	Resp:	495750
Ion Ratio	Lower	Upper	
152	100		
151	21.7	16.8	25.2
153	14.1	11.7	17.5

Manual Integrations
APPROVED

Sohil
3/18/2019 3:02:45 PM



#50

Dimethylphthalate

Concen: 36.245 ng

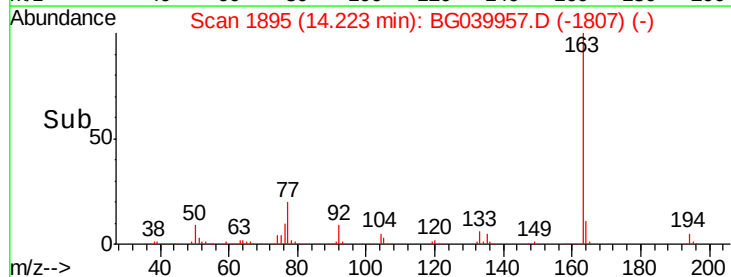
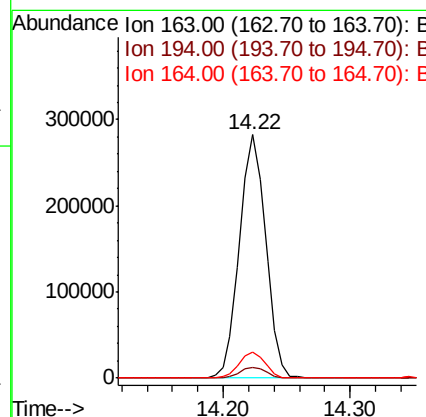
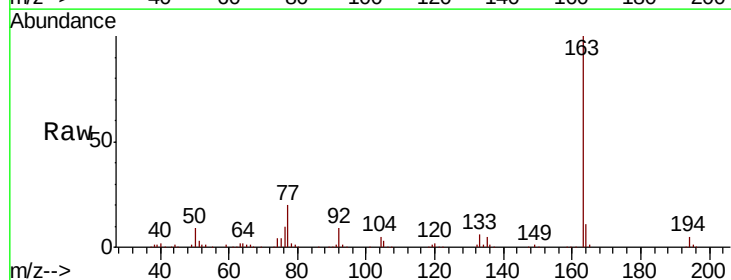
RT: 14.22 min Scan# 1895

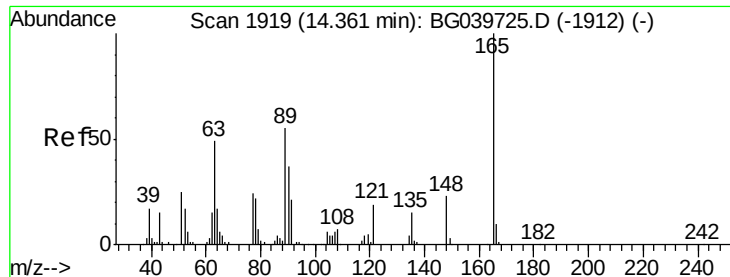
Delta R.T. -0.02 min

Lab File: BG039957.D

Acq: 16 Mar 2019 1:54

Tgt Ion:	163	Resp:	405286
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.6	5.4
164	10.5	8.4	12.6





#51

2,6-Dinitrotoluene

Concen: 38.032 ng

RT: 14.36 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BG039957.D

Acq: 16 Mar 2019 1:54

Instrument :

BNA_G

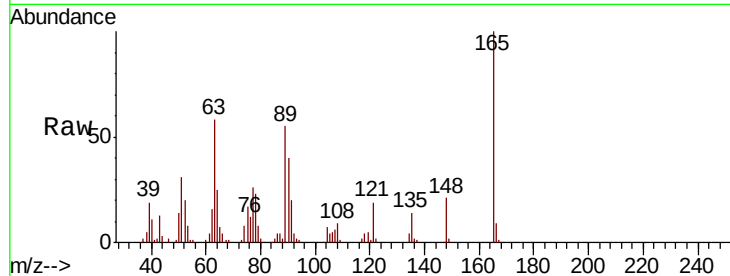
ClientSampleId :

PB117975BS

Tot Ion:	165	Resp:	90155
Ion Ratio	Lower	Upper	
165	100		
63	58.4	47.0	70.6
89	54.9	45.8	68.8

Manual Integrations
APPROVED

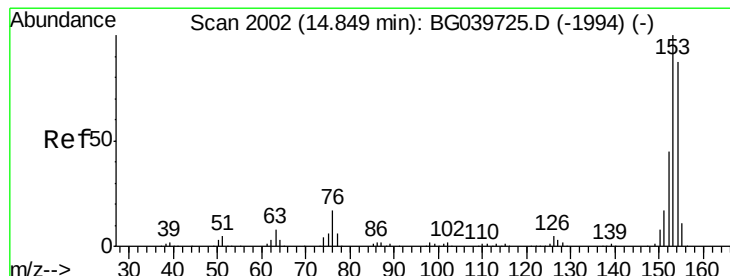
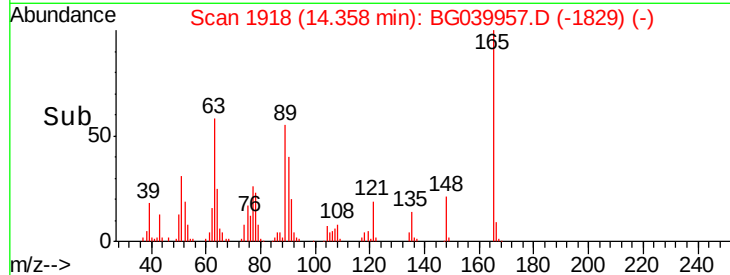
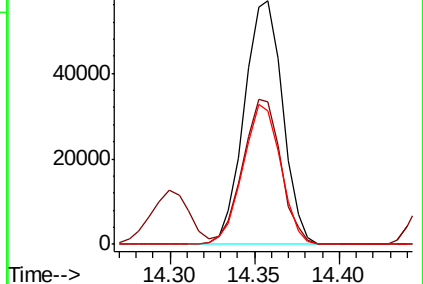
Sohil
3/18/2019 3:02:45 PM



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG039957.D (-1912) (-)

Ion 89.00 (88.70 to 89.70): BG039957.D (-1912) (-)



#52

Acenaphthene

Concen: 36.549 ng

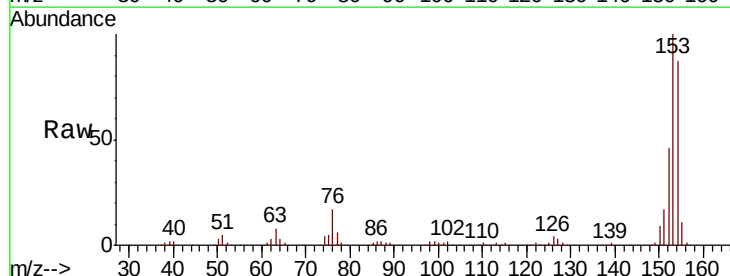
RT: 14.84 min Scan# 2000

Delta R.T. -0.02 min

Lab File: BG039957.D

Acq: 16 Mar 2019 1:54

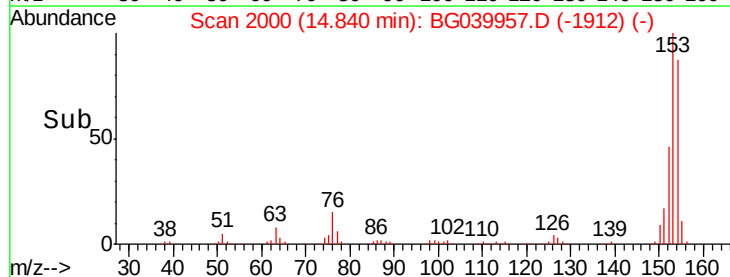
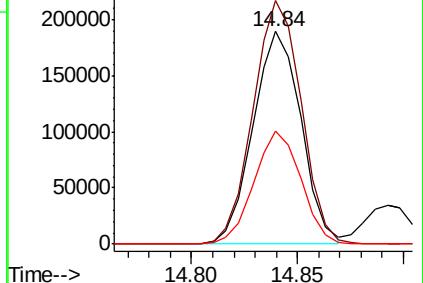
Tgt Ion:	154	Resp:	298796
Ion Ratio	Lower	Upper	
154	100		
153	114.7	90.1	135.1
152	53.0	40.9	61.3

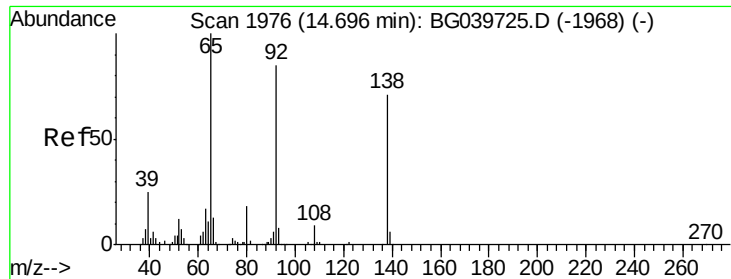


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





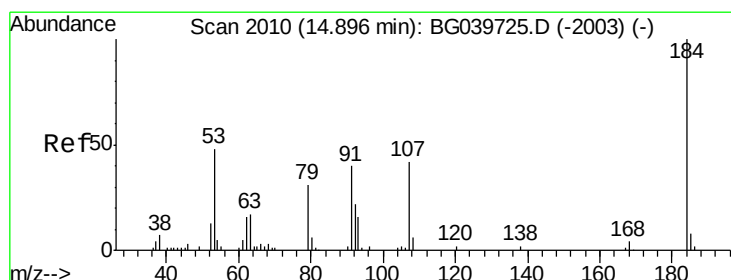
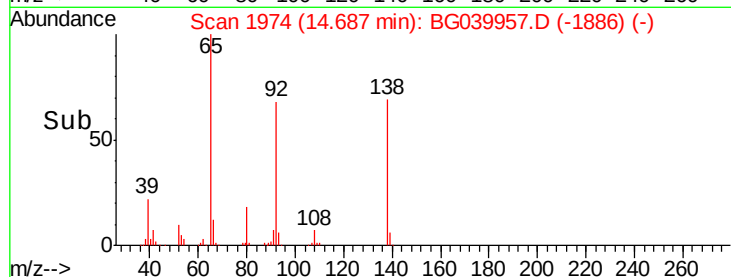
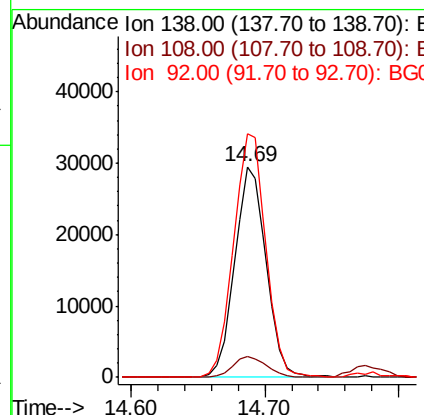
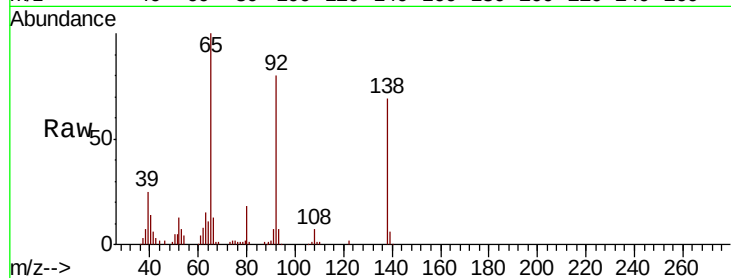
#53
3-Nitroaniline
Concen: 20.210 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Instrument :
BNA_G
ClientSampleId :
PB117975BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	13.8	20.8#
92	115.5	103.7	155.5

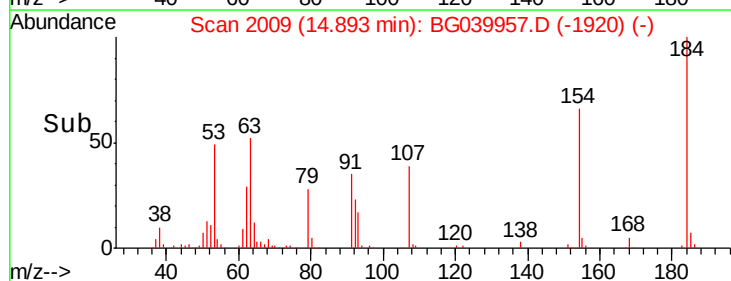
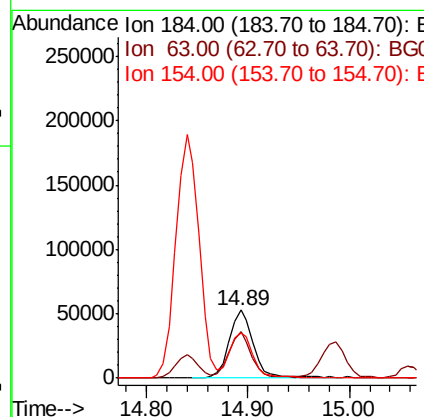
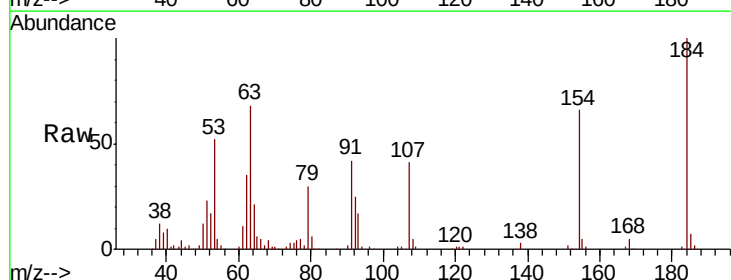
Manual Integrations
APPROVED

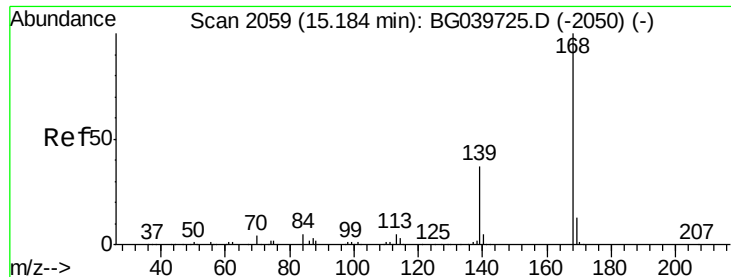
Sohil
3/18/2019 3:02:45 PM



#54
2,4-Dinitrophenol
Concen: 59.806 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.2	50.9	76.3
154	65.8	53.0	79.6





#55

Dibenzenofuran

Concen: 36.375 ng

RT: 15.17 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BG039957.D

Acq: 16 Mar 2019 1:54

Instrument :

BNA_G

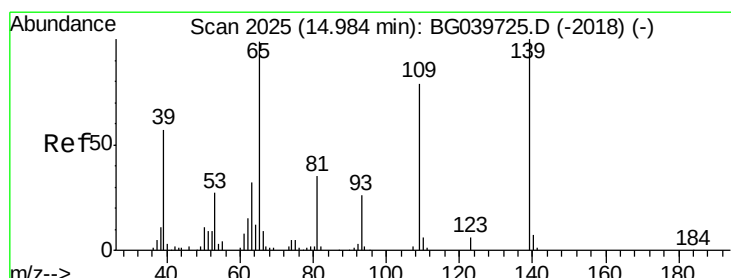
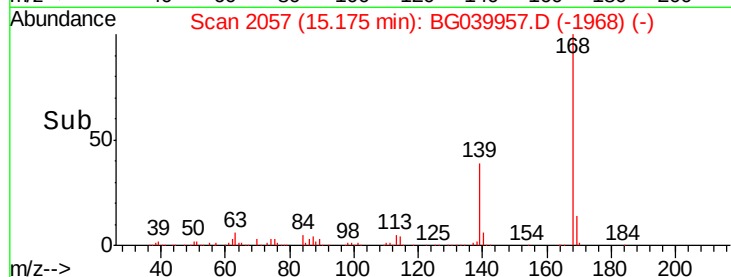
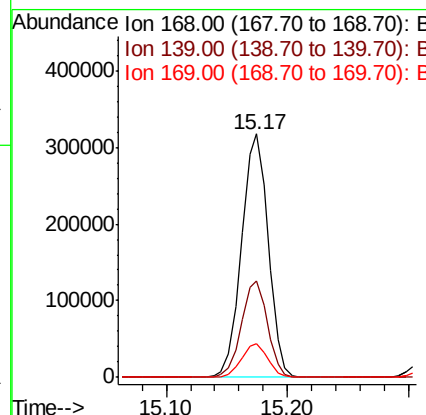
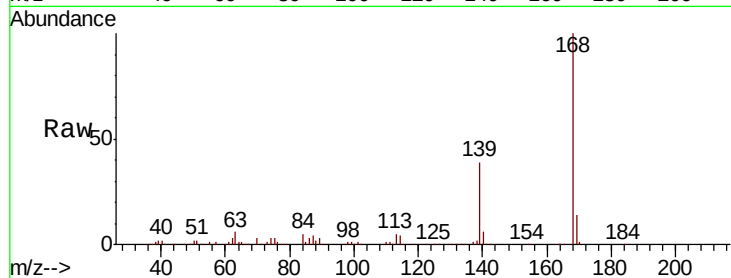
ClientSampleId :

PB117975BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.4	30.1	45.1
169	13.7	10.6	16.0

Manual Integrations
APPROVED

Sohil
3/18/2019 3:02:45 PM



#56

4-Nitrophenol

Concen: 66.246 ng

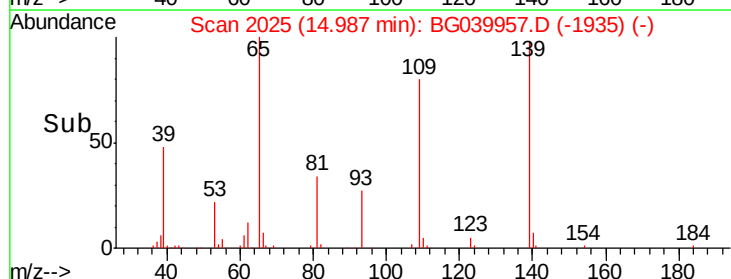
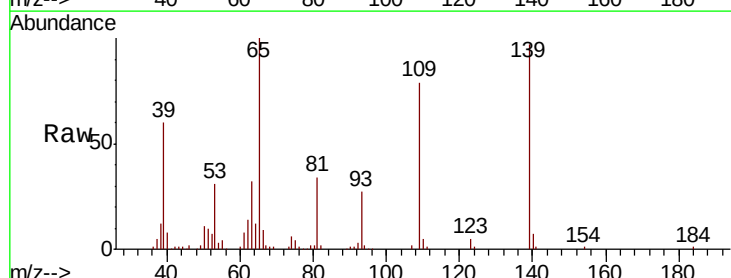
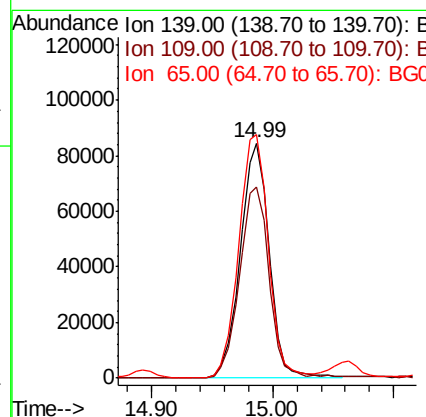
RT: 14.99 min Scan# 2025

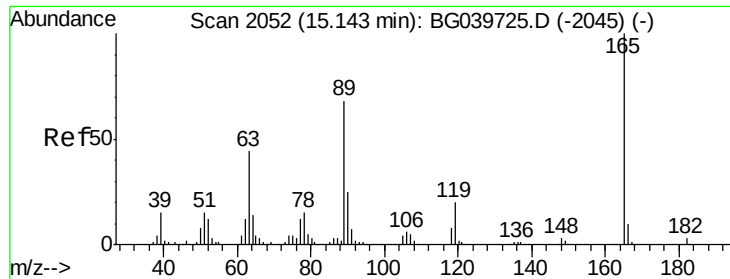
Delta R.T. -0.00 min

Lab File: BG039957.D

Acq: 16 Mar 2019 1:54

Tgt Ion	Ratio	Lower	Upper
139	100		
109	81.4	61.9	101.9
65	103.5	99.1	139.1





#57

2,4-Dinitrotoluene

Concen: 37.773 ng

RT: 15.14 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BG039957.D

Acq: 16 Mar 2019 1:54

Instrument :

BNA_G

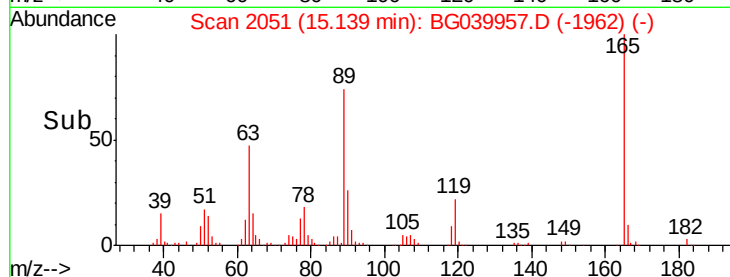
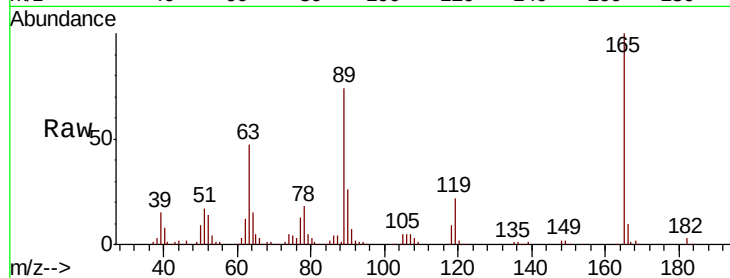
ClientSampleId :

PB117975BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		125815		
63	46.6		41.0	61.6	
89	74.3		64.6	96.8	
182	2.9		2.0	3.0	

Manual Integrations
APPROVED

Sohil
3/18/2019 3:02:45 PM

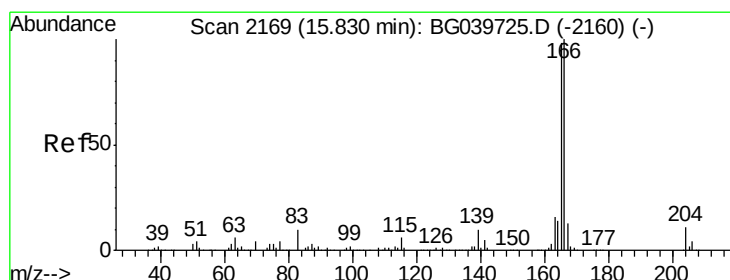
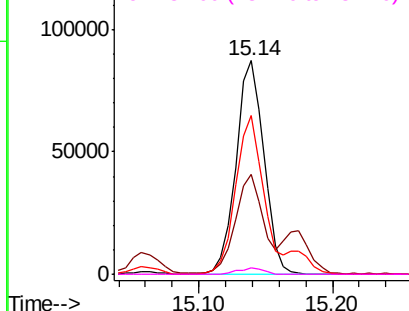


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 36.164 ng

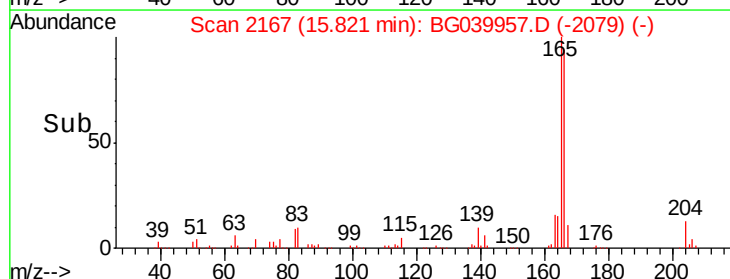
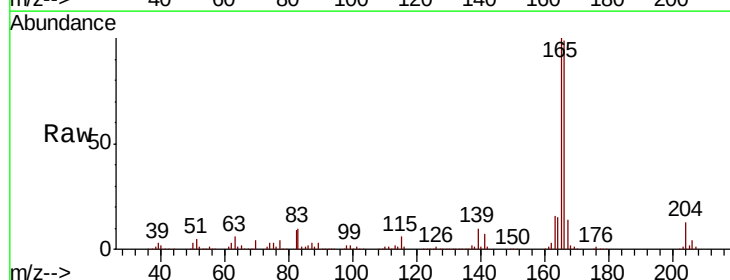
RT: 15.82 min Scan# 2167

Delta R.T. -0.02 min

Lab File: BG039957.D

Acq: 16 Mar 2019 1:54

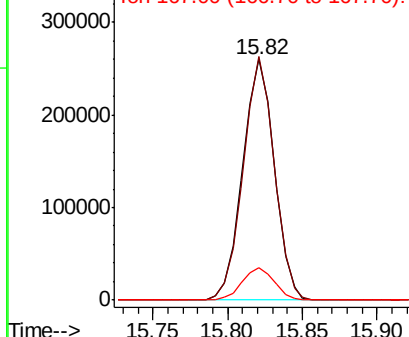
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		381325		
165	101.1		77.9	116.9	
167	13.7		10.8	16.2	

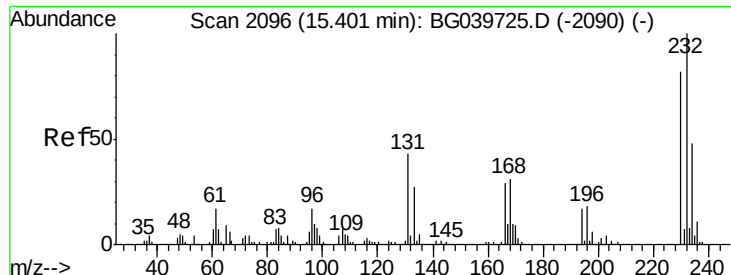


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





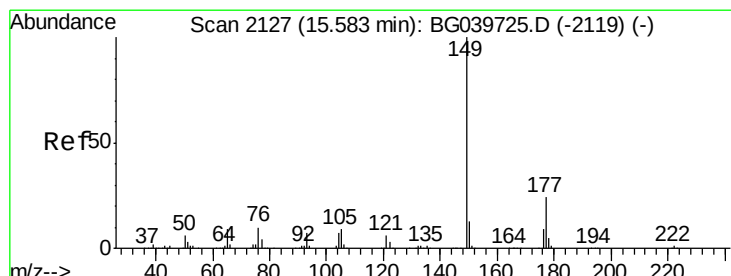
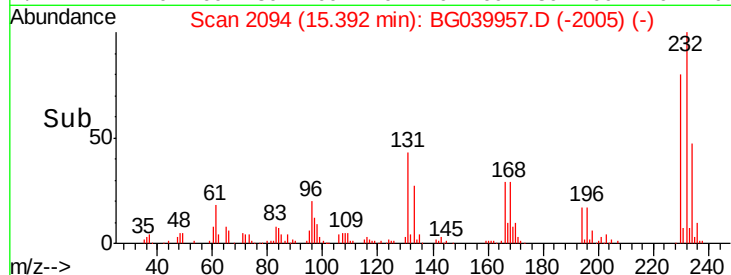
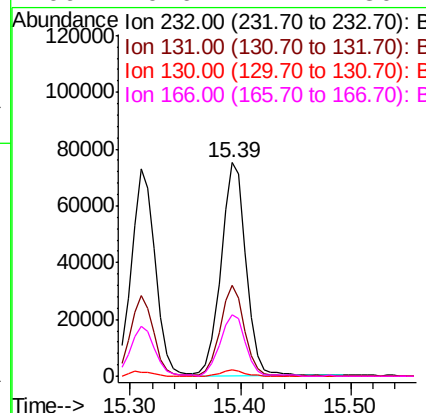
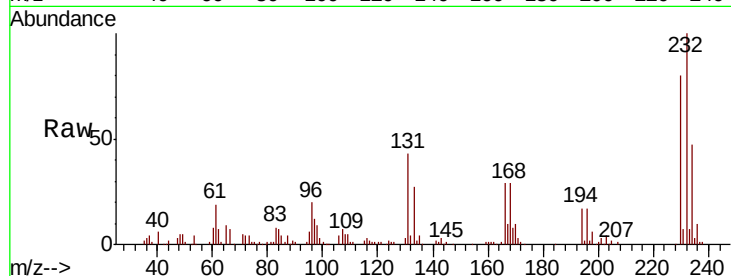
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.301 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BG039957.D
 Acq: 16 Mar 2019 1:54

Instrument :
 BNA_G
 ClientSampleId :
 PB117975BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	117665		
131	41.2		34.9	52.3
130	2.7		2.0	3.0
166	29.6		24.1	36.1

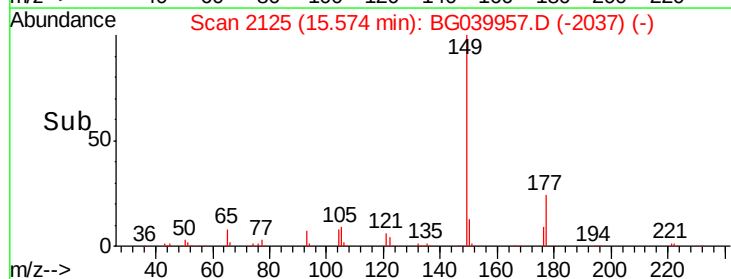
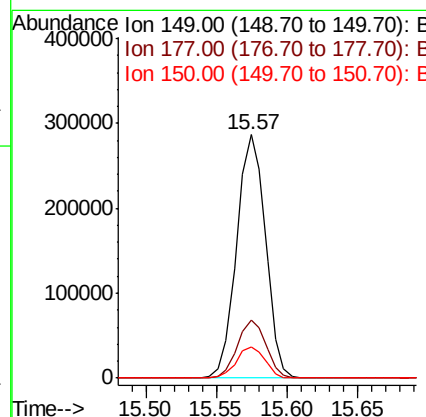
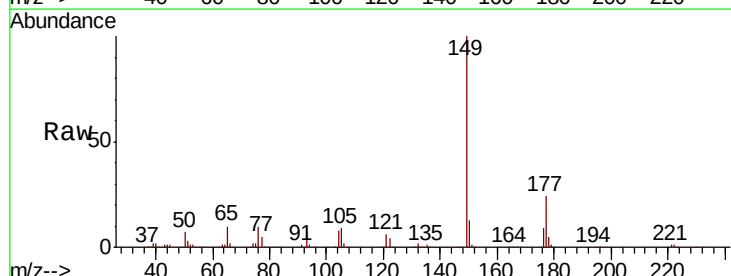
Manual Integrations
 APPROVED

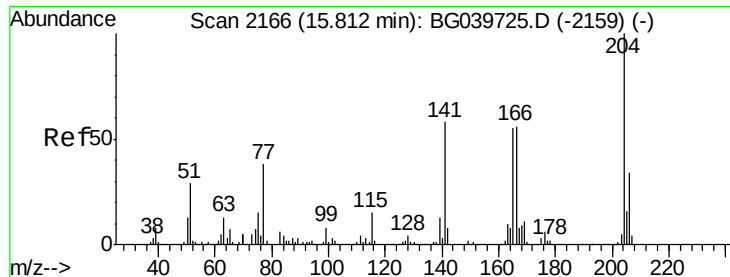
Sohil
 3/18/2019 3:02:45 PM



#60
 Diethylphthalate
 Concen: 36.804 ng
 RT: 15.57 min Scan# 2125
 Delta R.T. -0.02 min
 Lab File: BG039957.D
 Acq: 16 Mar 2019 1:54

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	407389		
177	23.7		18.3	27.5
150	12.8		10.2	15.2





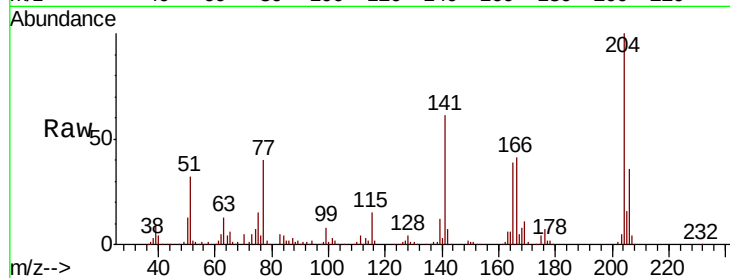
#61
4-Chlorophenyl-phenylether
Concen: 36.795 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Instrument :
BNA_G
ClientSampleId :
PB117975BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	36.0	29.2	43.8
141	60.9	49.0	73.4

Manual Integrations
APPROVED

Sohil
3/18/2019 3:02:45 PM

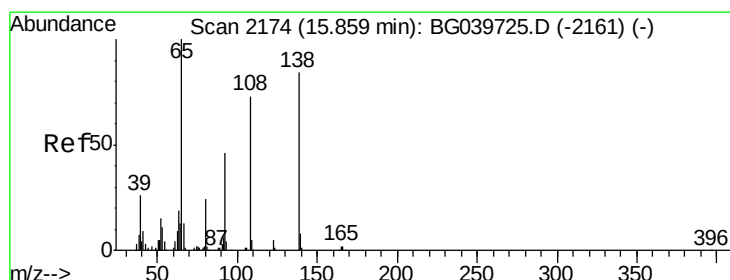
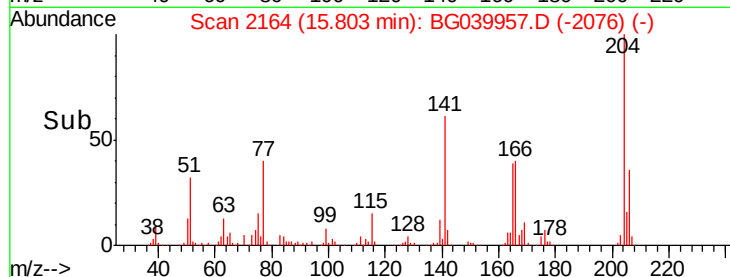
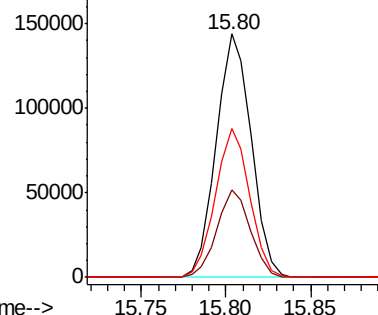


Abundance

Ion 204.00 (203.70 to 204.70): E

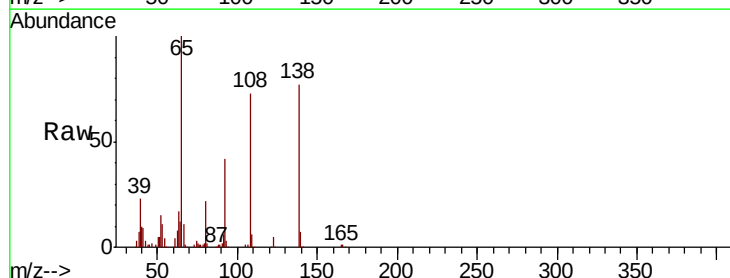
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 34.859 ng
RT: 15.86 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.6	38.7	78.7
108	94.2	74.6	114.6

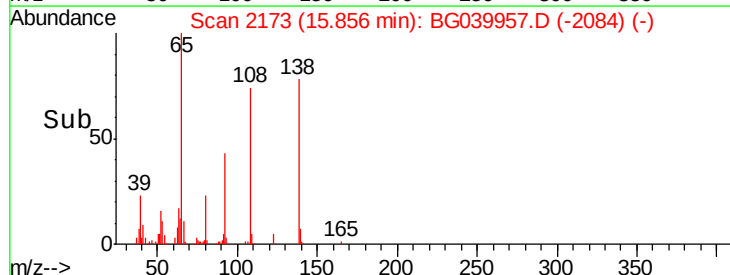
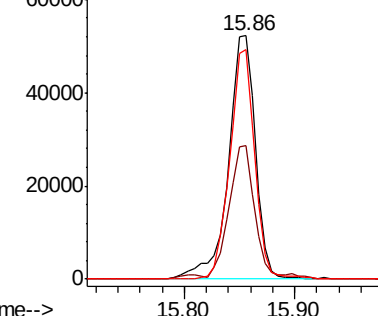


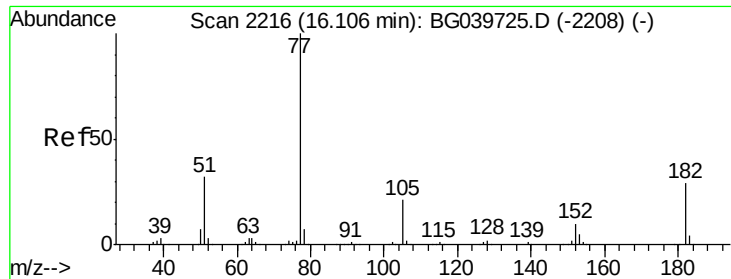
Abundance

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





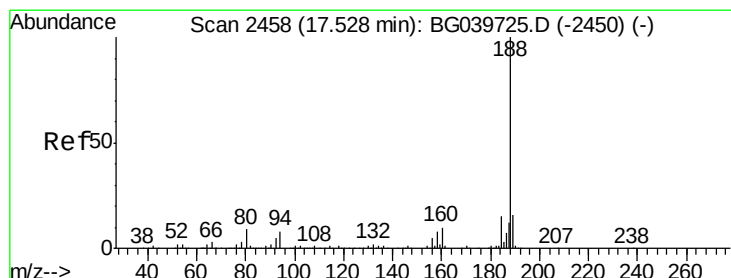
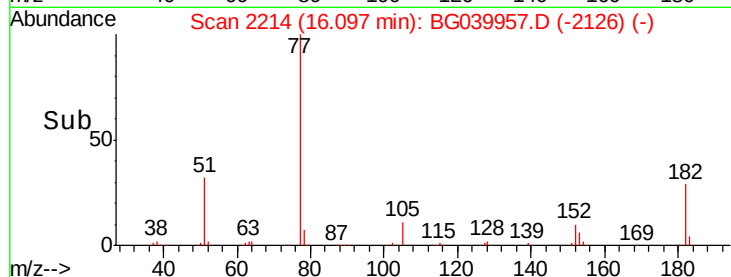
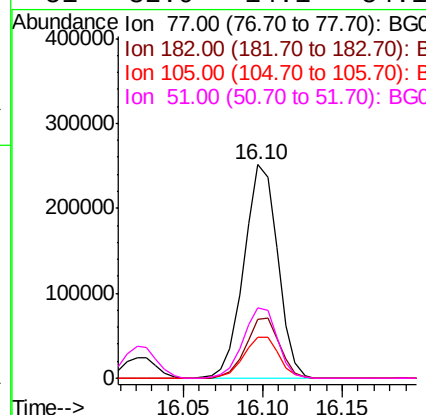
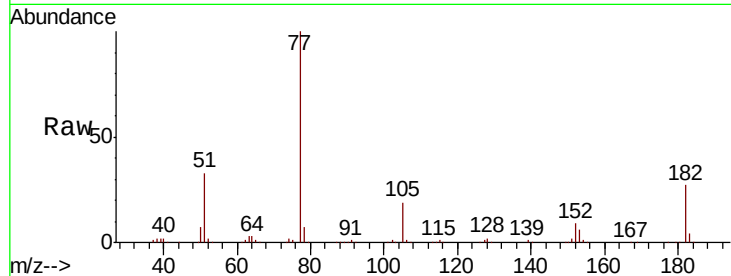
#63
Azobenzene
Concen: 37.068 ng
RT: 16.10 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Instrument :
BNA_G
ClientSampleId :
PB117975BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.4	6.4	46.4
105	19.5	0.0	39.8
51	32.9	14.1	54.1

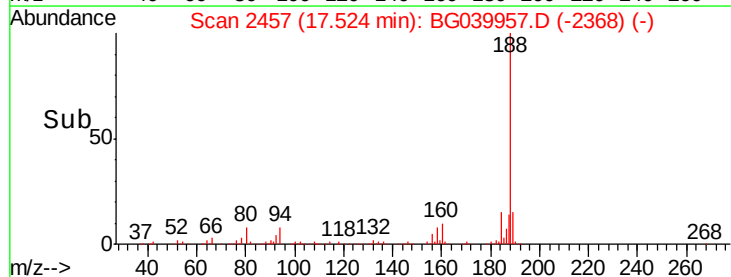
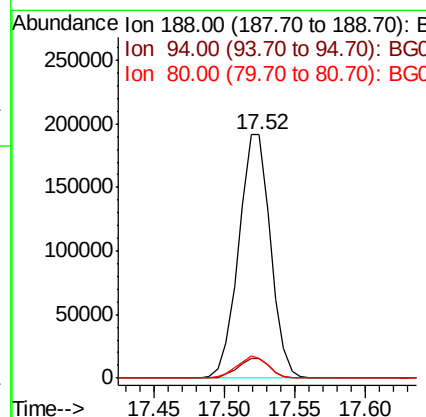
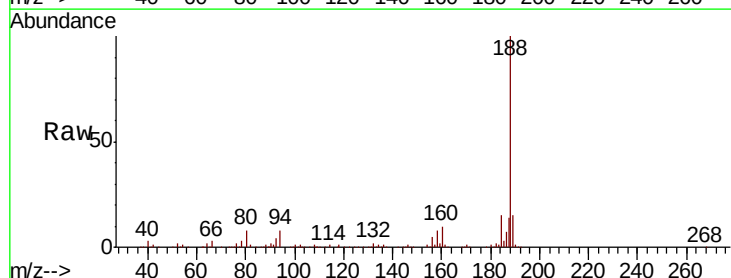
Manual Integrations
APPROVED

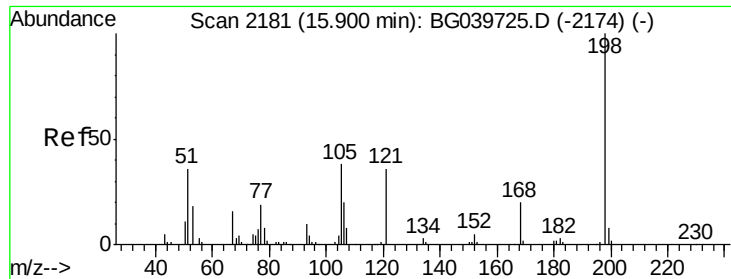
Sohil
3/18/2019 3:02:45 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.9	10.3
80	8.3	8.1	12.1





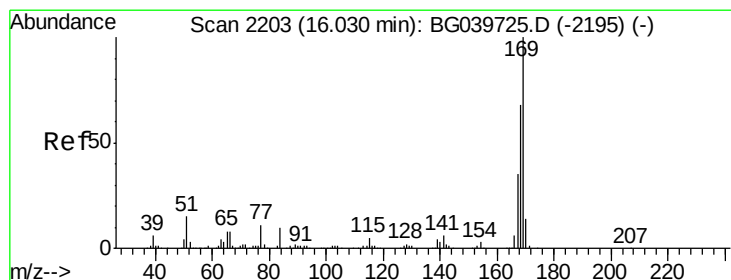
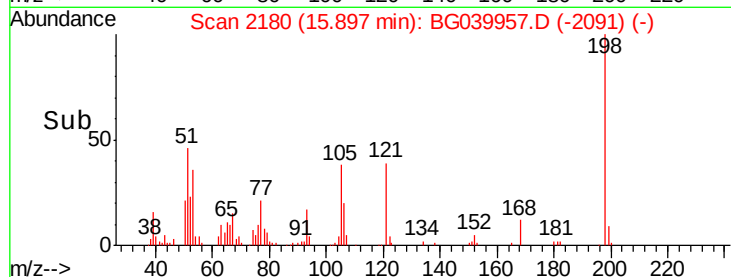
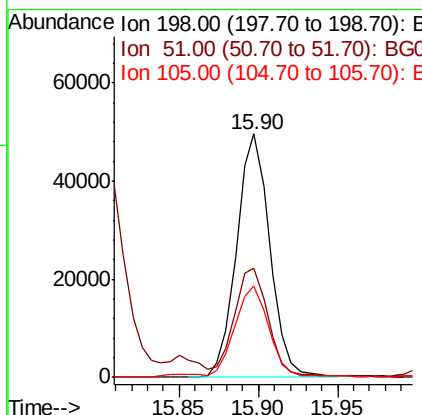
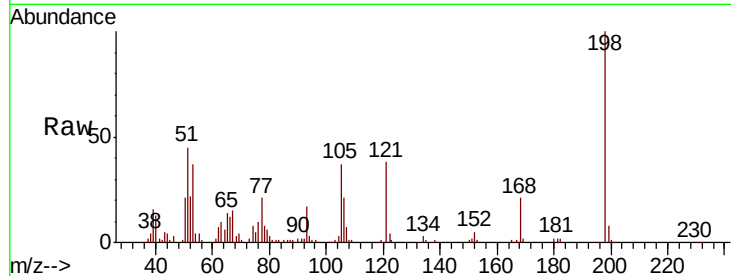
#65
4,6-Dinitro-2-methylphenol
Concen: 40.482 ng
RT: 15.90 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Instrument :
BNA_G
ClientSampleId :
PB117975BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	71965		
51	45.0		27.4	67.4
105	37.4		19.7	59.7

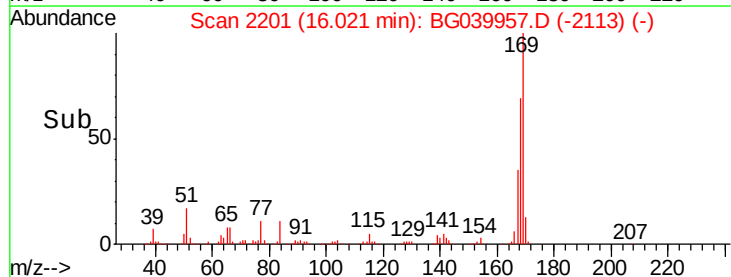
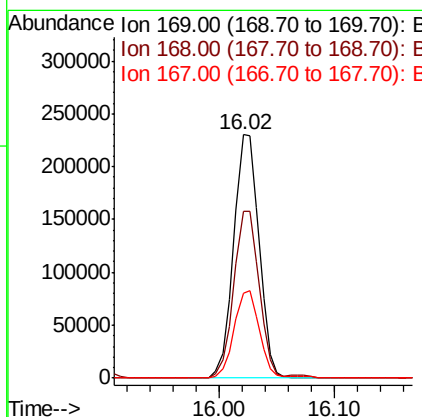
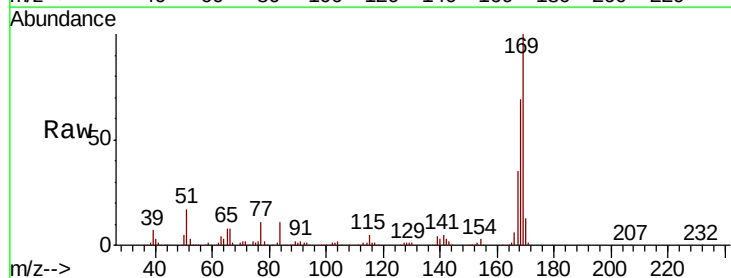
Manual Integrations
APPROVED

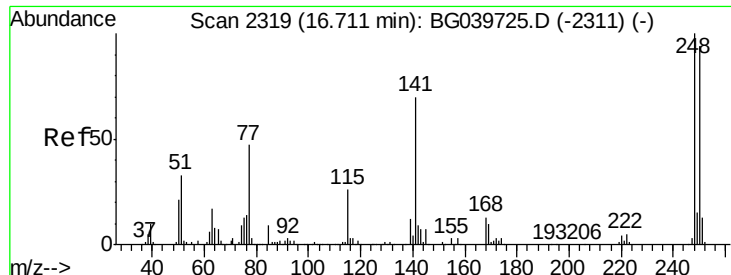
Sohil
3/18/2019 3:02:45 PM



#66
n-Nitrosodiphenylamine
Concen: 40.195 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	349863		
168	68.6		56.6	85.0
167	34.9		28.8	43.2





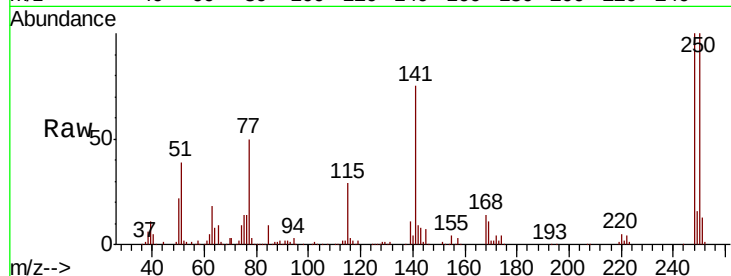
#67
 4-Bromophenyl-phenylether
 Concen: 39.663 ng
 RT: 16.70 min Scan# 2317
 Delta R.T. -0.02 min
 Lab File: BG039957.D
 Acq: 16 Mar 2019 1:54

Instrument :
 BNA_G
 ClientSampleId :
 PB117975BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.9	77.6	116.4
141	74.9	63.9	95.9

Manual Integrations
 APPROVED

Sohil
 3/18/2019 3:02:45 PM

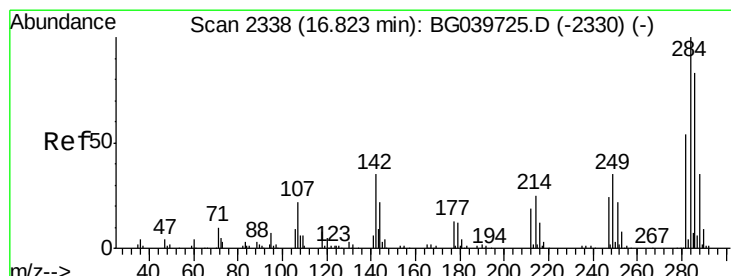
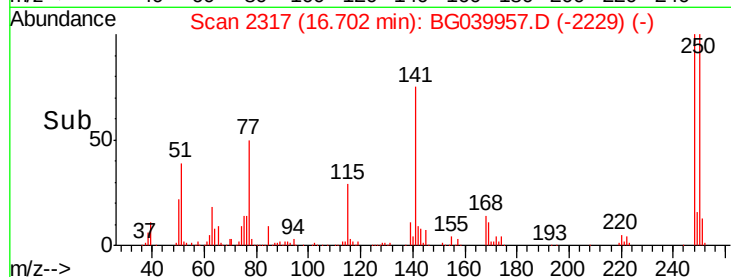
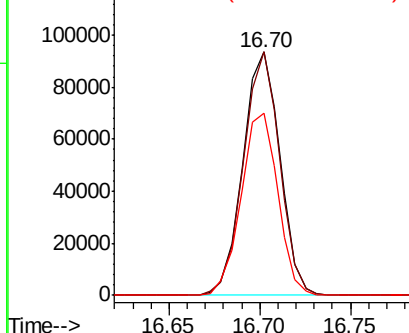


Abundance

Ion 248.00 (247.70 to 248.70): E

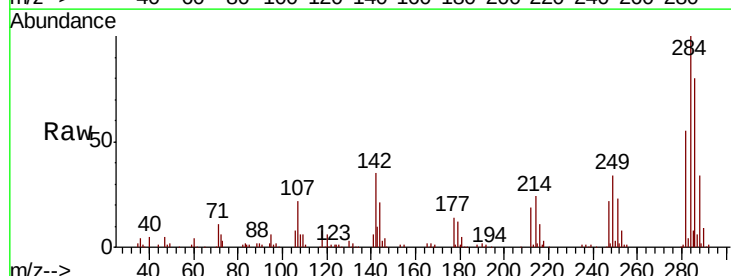
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 38.464 ng
 RT: 16.81 min Scan# 2336
 Delta R.T. -0.02 min
 Lab File: BG039957.D
 Acq: 16 Mar 2019 1:54

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.9	30.6	45.8
249	34.1	28.2	42.2

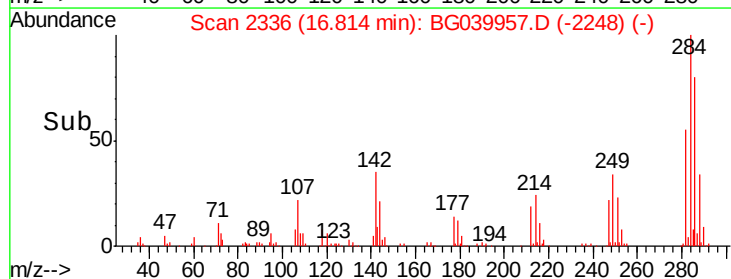
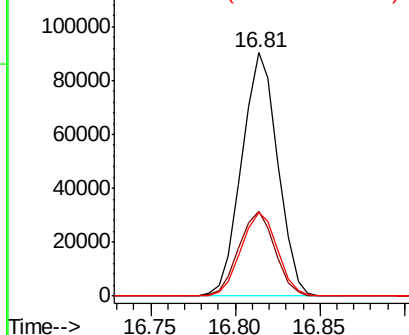


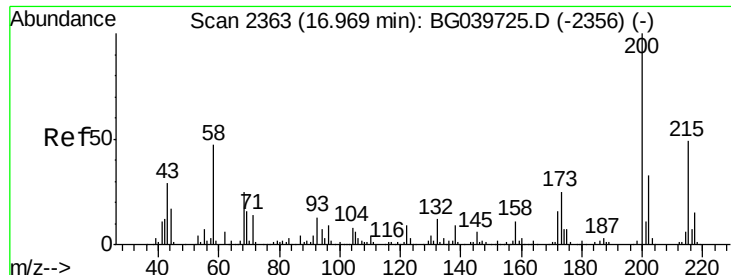
Abundance

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





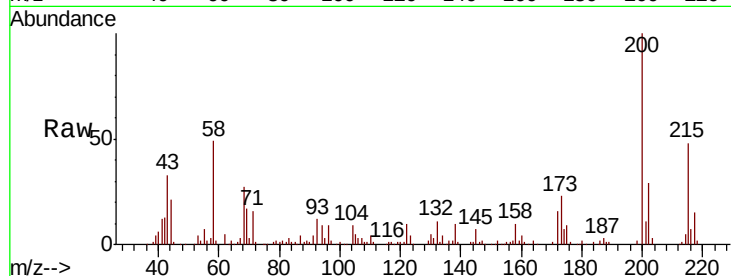
#69
 Atrazine
 Concen: 35.458 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. -0.01 min
 Lab File: BG039957.D
 Acq: 16 Mar 2019 1:54

Instrument :
 BNA_G
 ClientSampleId :
 PB117975BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	22.9	3.9	43.9
215	48.1	30.9	70.9

Manual Integrations
 APPROVED

Sohil
 3/18/2019 3:02:45 PM

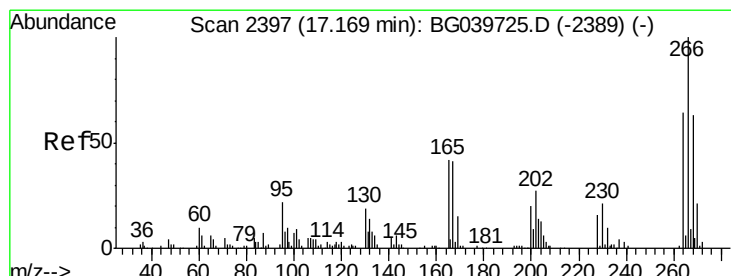
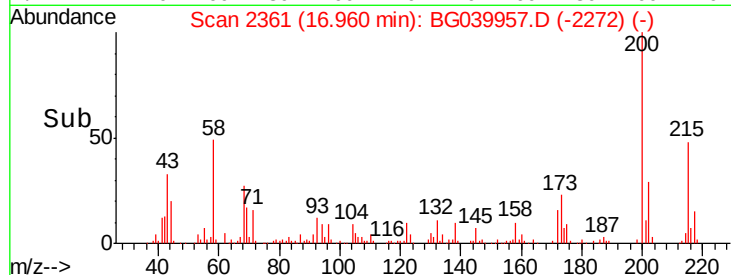
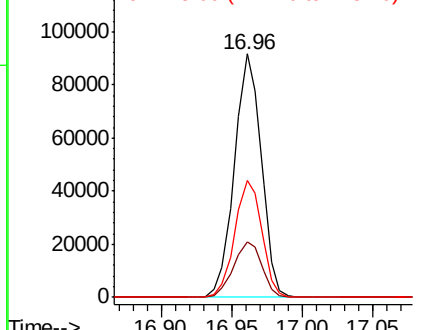


Abundance

Ion 200.00 (199.70 to 200.70): E

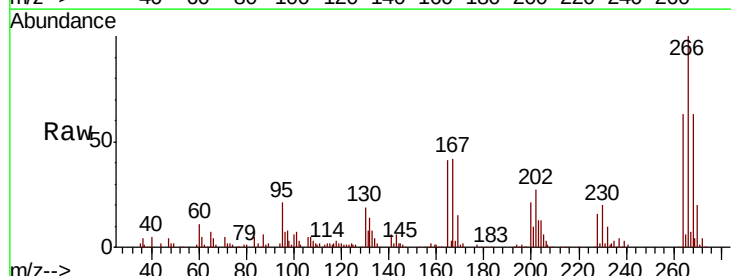
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 72.172 ng
 RT: 17.17 min Scan# 2396
 Delta R.T. -0.00 min
 Lab File: BG039957.D
 Acq: 16 Mar 2019 1:54

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.6	51.1	76.7
264	62.6	52.1	78.1

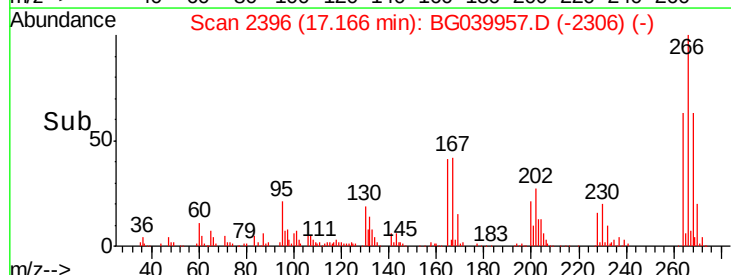
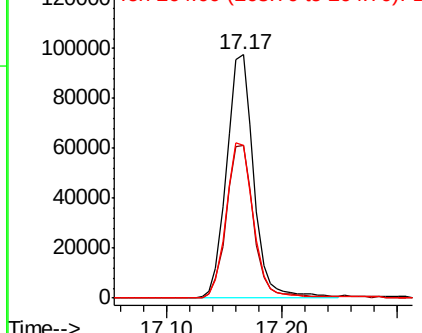


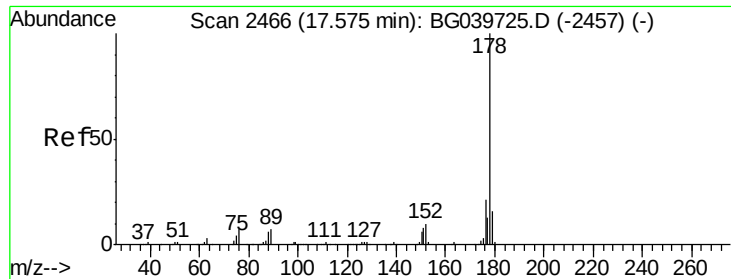
Abundance

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





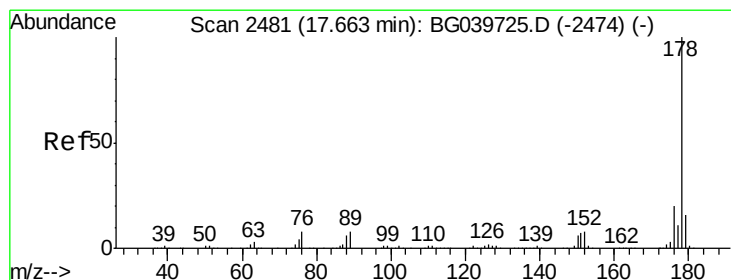
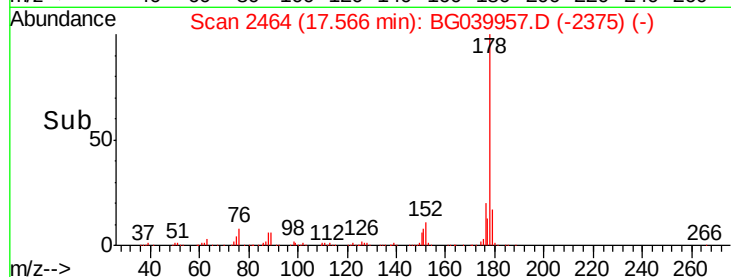
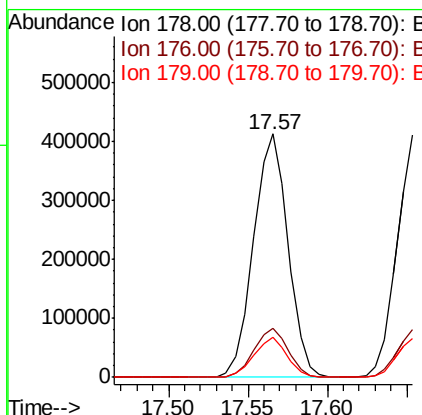
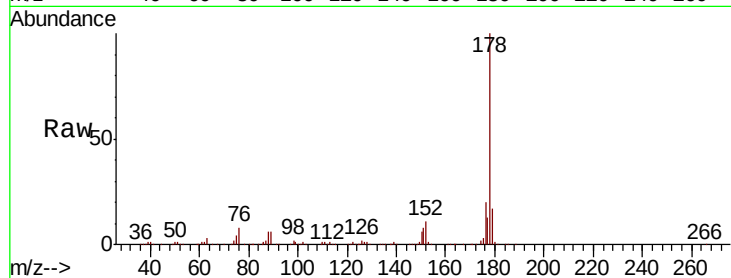
#71
 Phenanthrene
 Concen: 37.634 ng
 RT: 17.57 min Scan# 2464
 Delta R.T. -0.01 min
 Lab File: BG039957.D
 Acq: 16 Mar 2019 1:54

Instrument :
 BNA_G
 ClientSampleId :
 PB117975BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.2	24.4
179	16.7	12.6	19.0

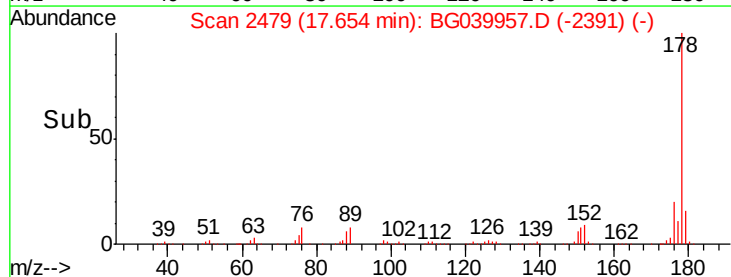
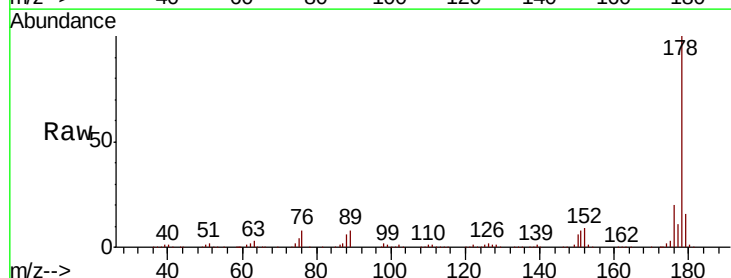
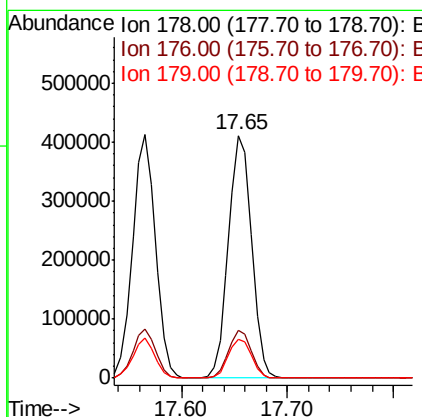
Manual Integrations
 APPROVED

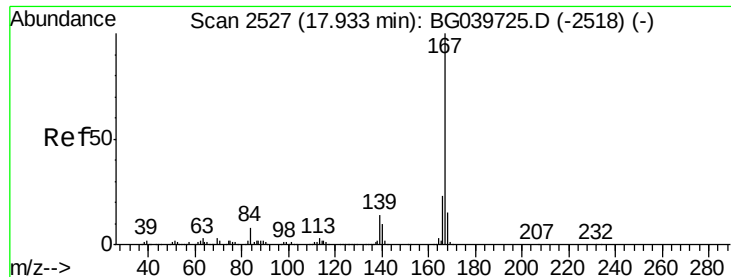
Sohil
 3/18/2019 3:02:45 PM



#72
 Anthracene
 Concen: 38.565 ng
 RT: 17.65 min Scan# 2479
 Delta R.T. -0.02 min
 Lab File: BG039957.D
 Acq: 16 Mar 2019 1:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.6
179	16.2	12.5	18.7





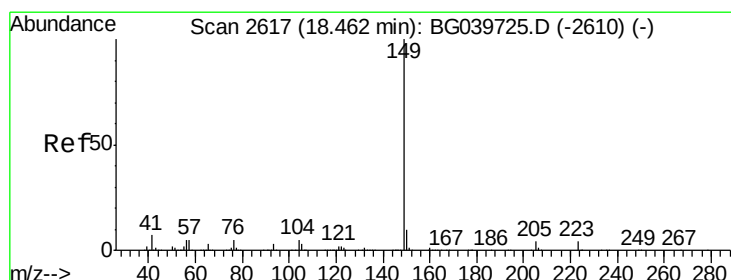
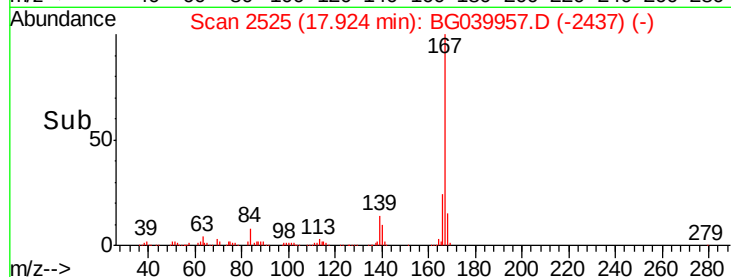
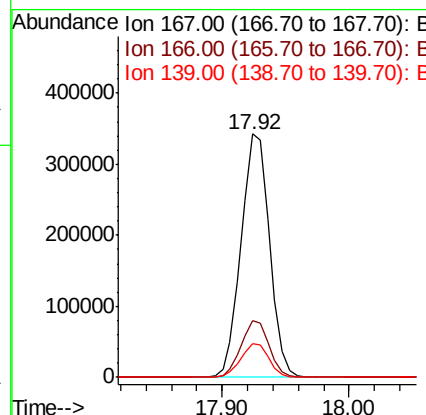
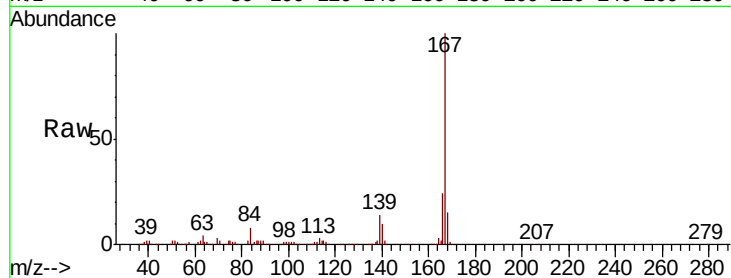
#73
 Carbazole
 Concen: 36.510 ng
 RT: 17.92 min Scan# 2525
 Delta R.T. -0.02 min
 Lab File: BG039957.D
 Acq: 16 Mar 2019 1:54

Instrument :
 BNA_G
 ClientSampleId :
 PB117975BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.5	19.4	29.2
139	14.1	10.8	16.2

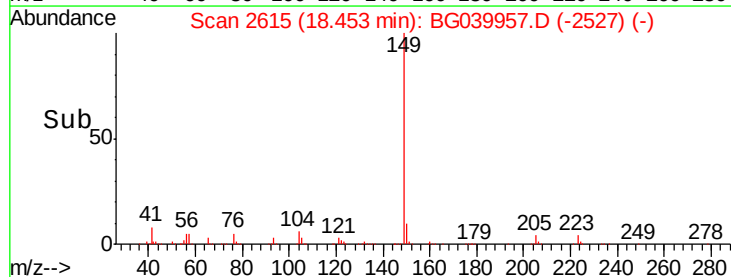
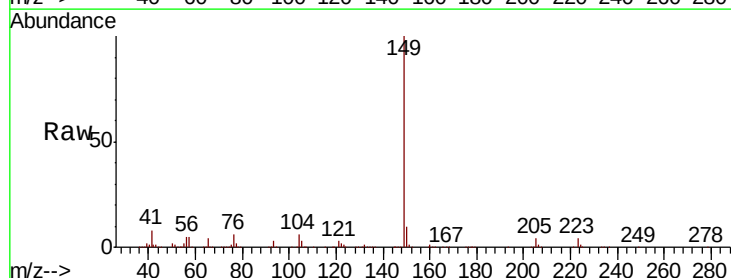
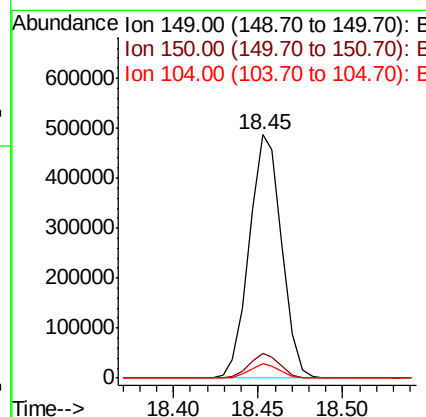
Manual Integrations
 APPROVED

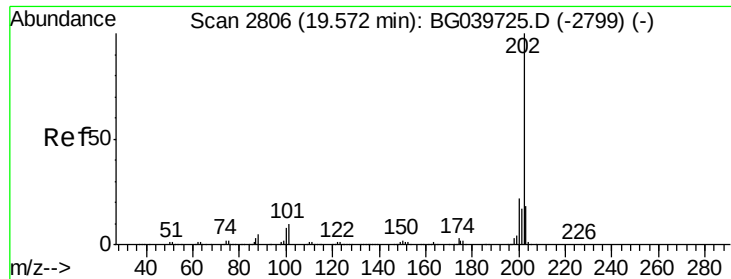
Sohil
 3/18/2019 3:02:45 PM



#74
 Di-n-butylphthalate
 Concen: 37.815 ng
 RT: 18.45 min Scan# 2615
 Delta R.T. -0.02 min
 Lab File: BG039957.D
 Acq: 16 Mar 2019 1:54

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.7	11.5
104	5.9	4.5	6.7





#75

Fluoranthene

Concen: 36.922 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG039957.D

Acq: 16 Mar 2019 1:54

Instrument :

BNA_G

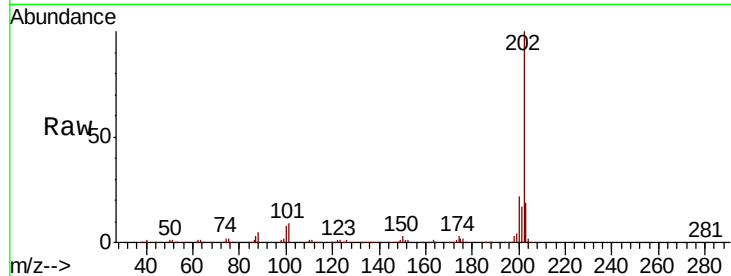
ClientSampleId :

PB117975BS

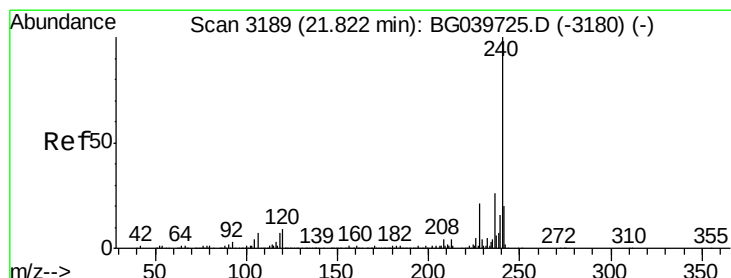
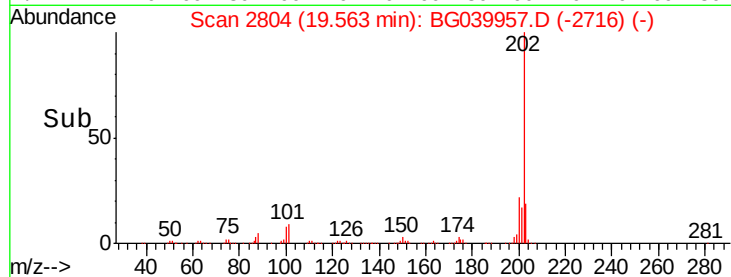
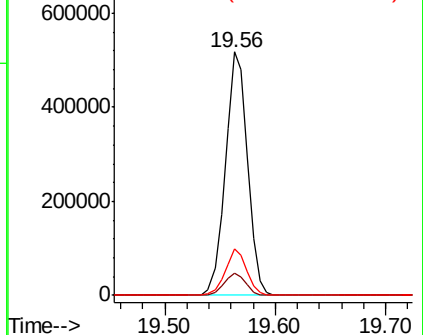
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		722639		
101	9.0	0.0	30.0		
203	19.3	0.0	38.9		

Manual Integrations
APPROVED

Sohil
3/18/2019 3:02:45 PM



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



#76

Chrysene-d12

Concen: 20.000 ng

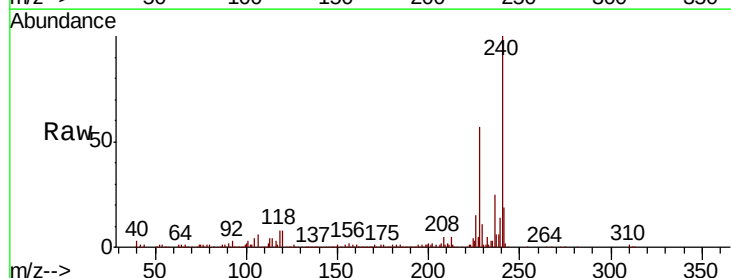
RT: 21.81 min Scan# 3186

Delta R.T. -0.02 min

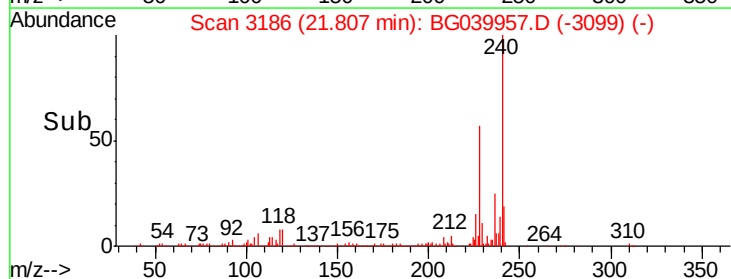
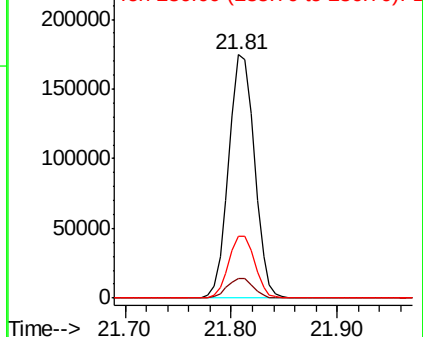
Lab File: BG039957.D

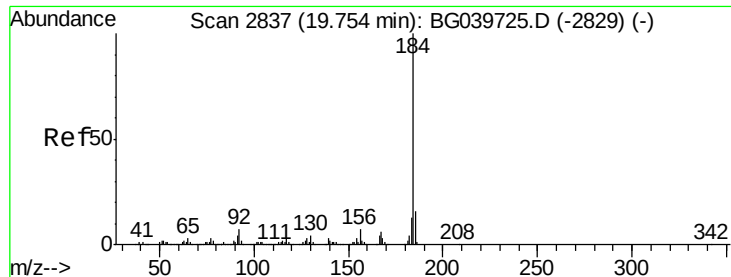
Acq: 16 Mar 2019 1:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		294631		
120	8.0	7.0	10.6		
236	25.3	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





#77

Benzidine

Concen: 22.232 ng

RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG039957.D

Acq: 16 Mar 2019 1:54

Instrument :

BNA_G

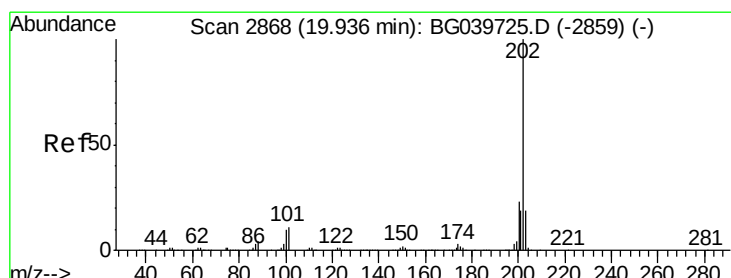
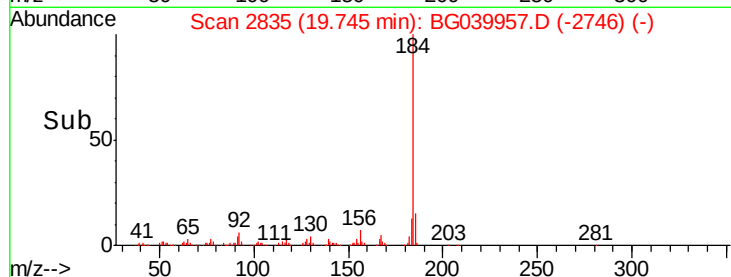
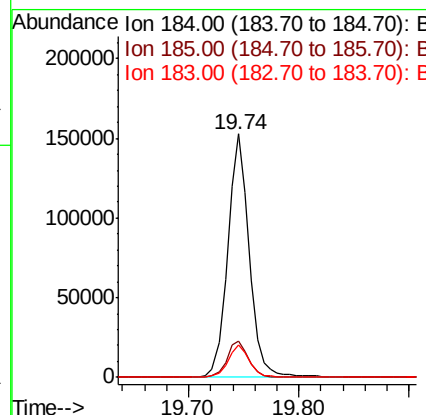
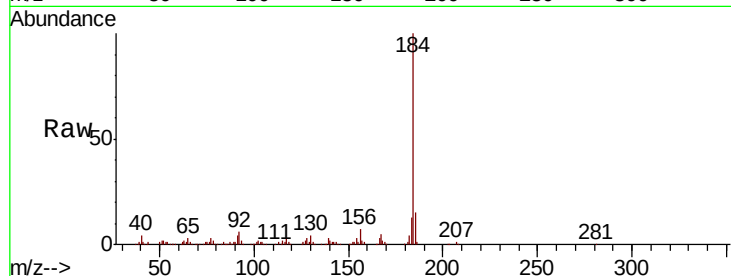
ClientSampleId :

PB117975BS

Tot Ion:	184	Resp:	207857
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.2	18.2
183	13.2	10.6	15.8

Manual Integrations
APPROVED

Sohil
3/18/2019 3:02:45 PM



#78

Pyrene

Concen: 37.789 ng

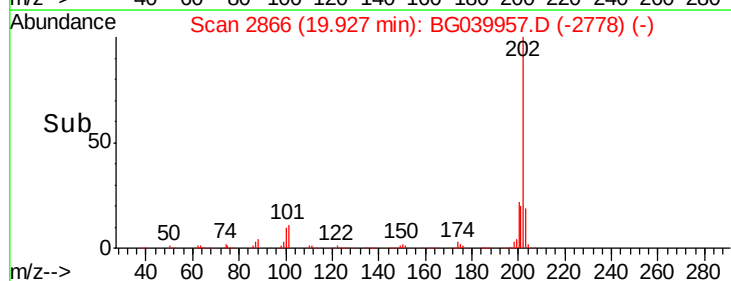
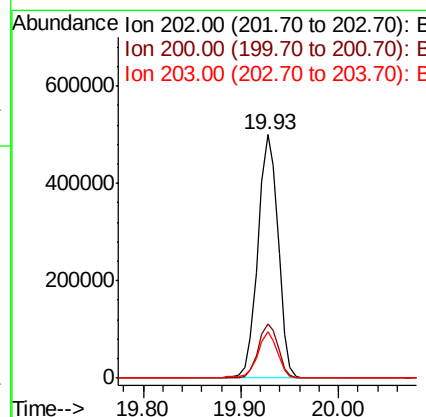
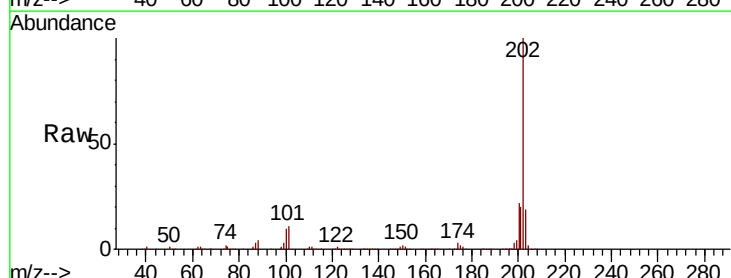
RT: 19.93 min Scan# 2866

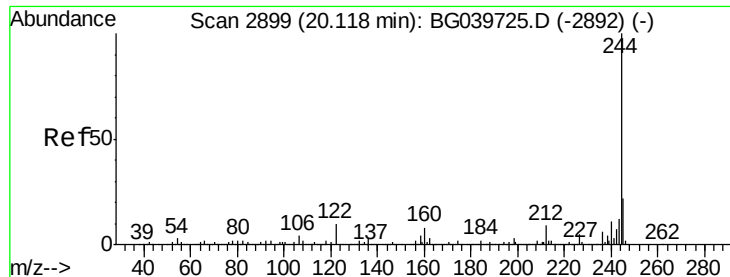
Delta R.T. -0.02 min

Lab File: BG039957.D

Acq: 16 Mar 2019 1:54

Tgt Ion:	202	Resp:	723487
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.8	26.8
203	18.9	15.3	22.9





#79

Terphenyl-d14

Concen: 76.656 ng

RT: 20.12 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039957.D

Acq: 16 Mar 2019 1:54

Instrument :

BNA_G

ClientSampled :

PB117975BS

Tot Ion:244 Resp: 1025765

Ion Ratio Lower Upper

244 100

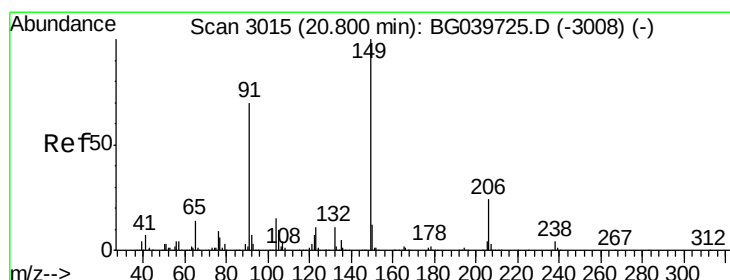
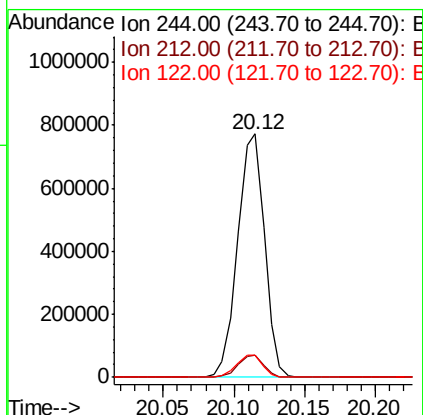
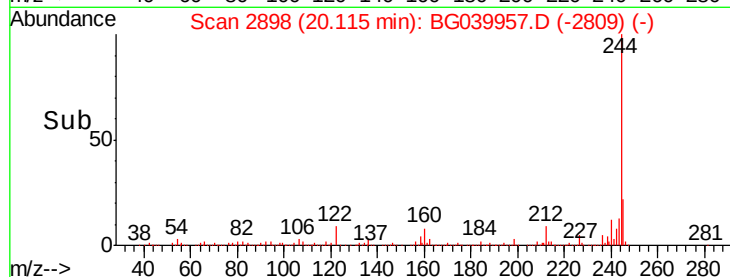
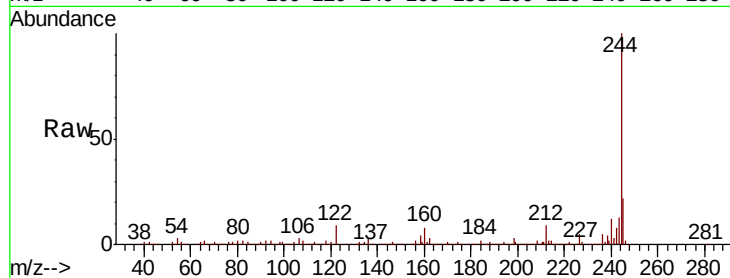
212 8.9 7.3 10.9

122 9.0 8.4 12.6

Manual Integrations
APPROVED

Sohil

3/18/2019 3:02:45 PM



#80

Butylbenzylphthalate

Concen: 40.675 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG039957.D

Acq: 16 Mar 2019 1:54

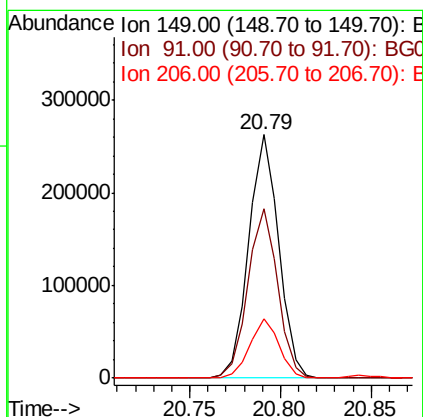
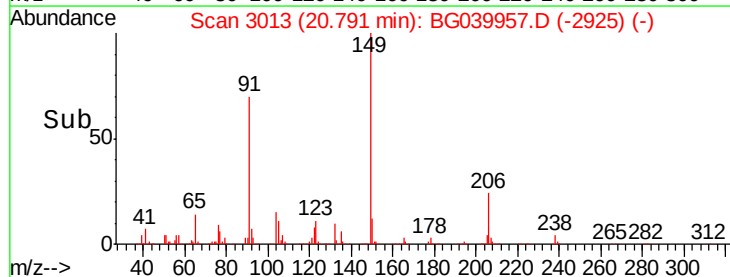
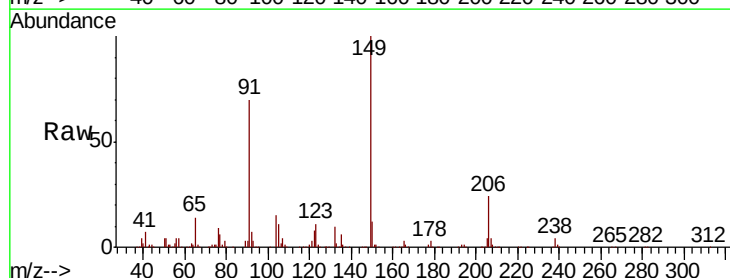
Tgt Ion:149 Resp: 301703

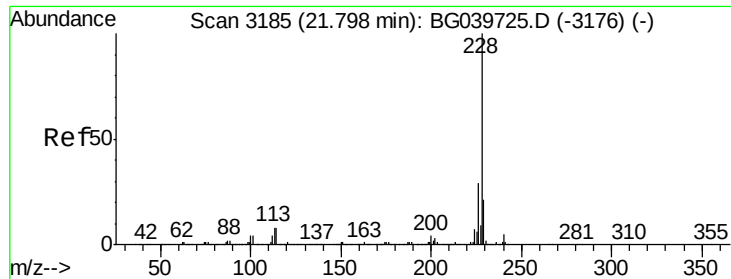
Ion Ratio Lower Upper

149 100

91 69.6 59.5 89.3

206 24.1 18.6 27.8





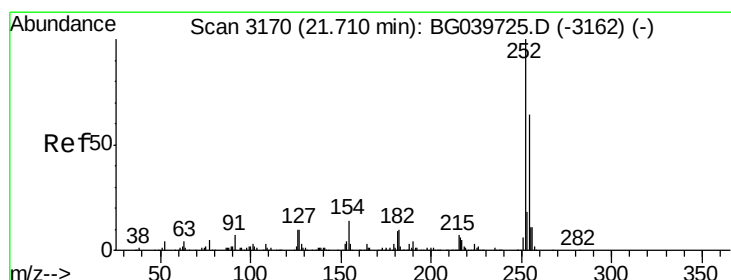
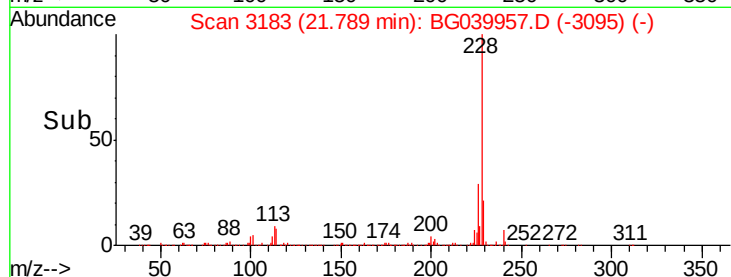
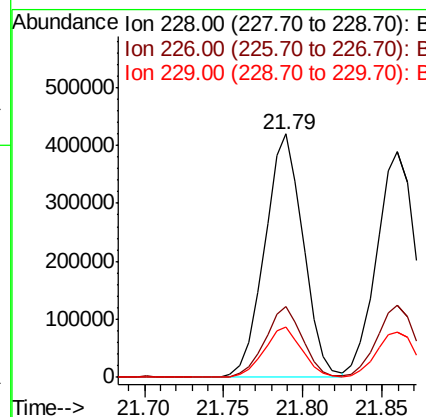
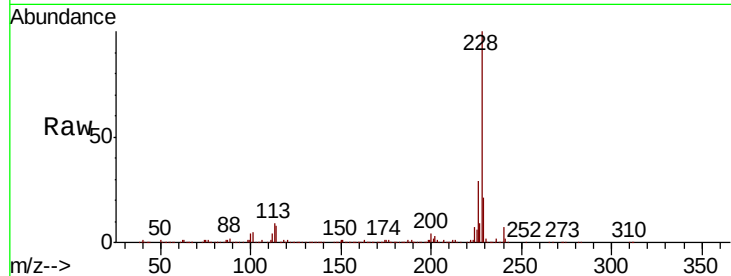
#81
Benzo(a)anthracene
Concen: 38.370 ng
RT: 21.79 min Scan# 3183
Delta R.T. -0.02 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Instrument :
BNA_G
ClientSampled :
PB117975BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.0	34.6
229	20.9	16.9	25.3

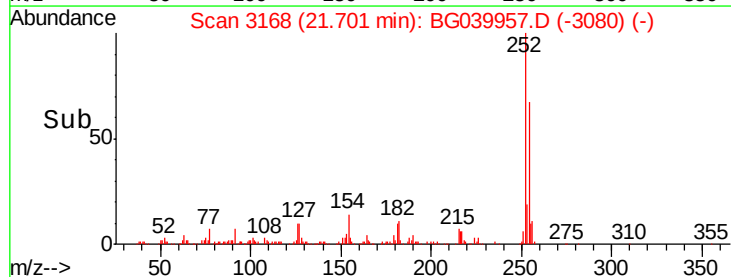
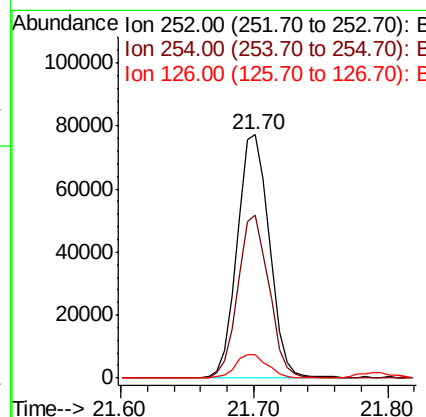
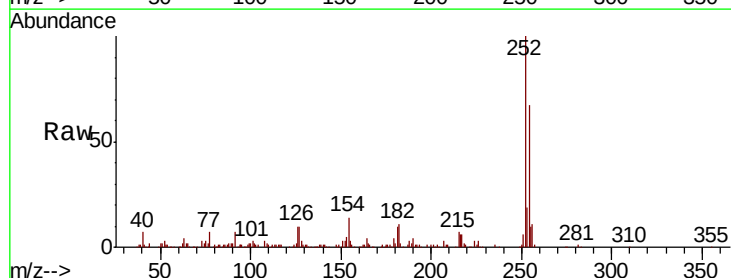
Manual Integrations
APPROVED

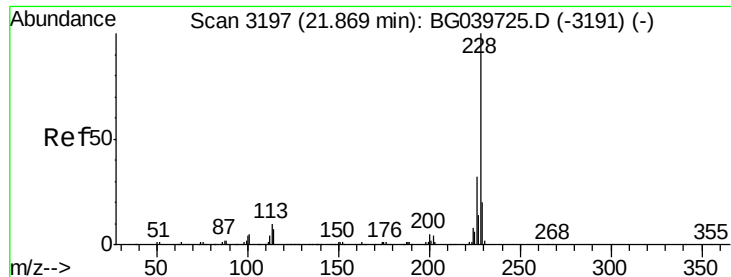
Sohil
3/18/2019 3:02:45 PM



#82
3,3'-Dichlorobenzidine
Concen: 19.193 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.02 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.9	51.3	76.9
126	9.7	8.0	12.0





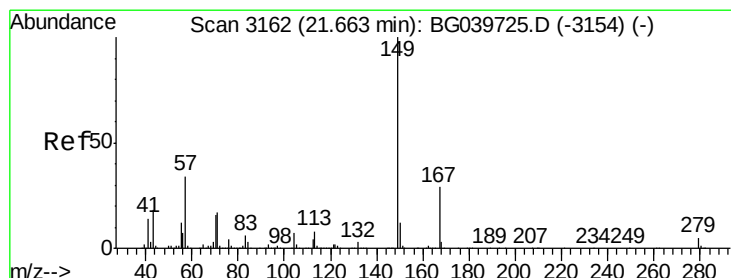
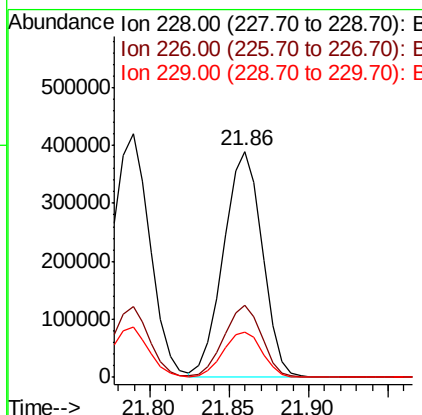
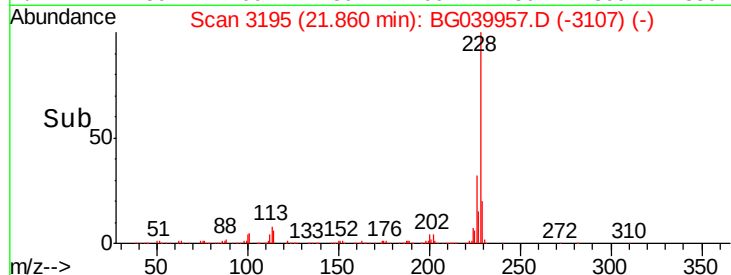
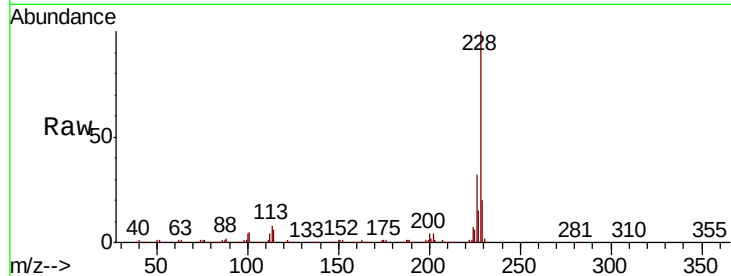
#83
 Chrysene
 Concen: 36.783 ng
 RT: 21.86 min Scan# 3195
 Delta R.T. -0.02 min
 Lab File: BG039957.D
 Acq: 16 Mar 2019 1:54

Instrument :
 BNA_G
 ClientSampled :
 PB117975BS

Tot Ion:	228	Resp:	658485
Ion Ratio	Lower	Upper	
228	100		
226	31.7	25.8	38.6
229	20.0	16.6	25.0

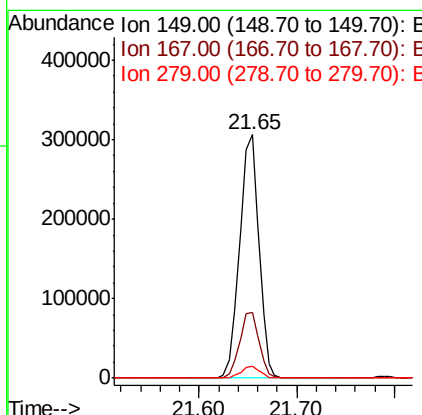
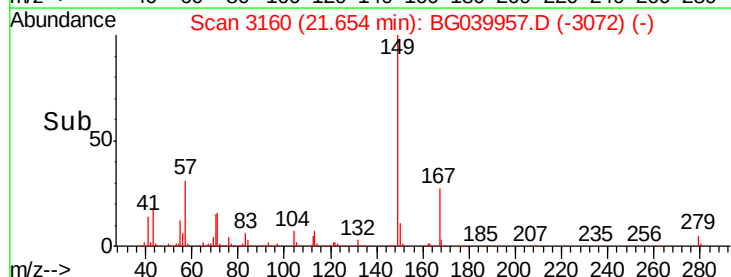
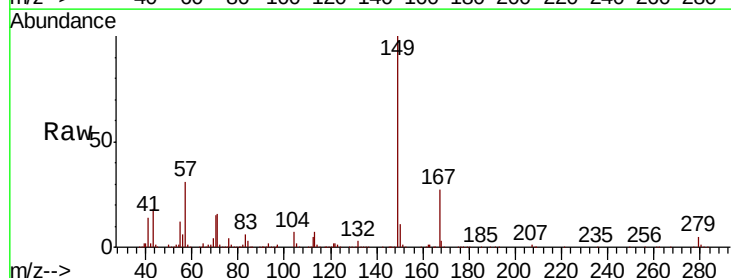
Manual Integrations
 APPROVED

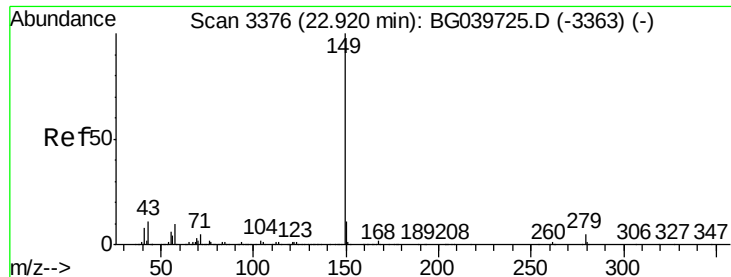
Sohil
 3/18/2019 3:02:45 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.473 ng
 RT: 21.65 min Scan# 3160
 Delta R.T. -0.02 min
 Lab File: BG039957.D
 Acq: 16 Mar 2019 1:54

Tgt Ion:	149	Resp:	421854
Ion Ratio	Lower	Upper	
149	100		
167	26.9	22.6	34.0
279	5.1	3.5	5.3





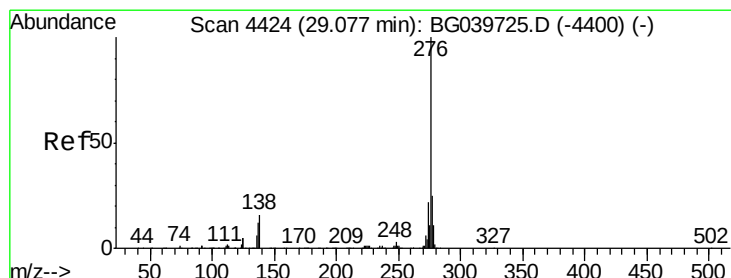
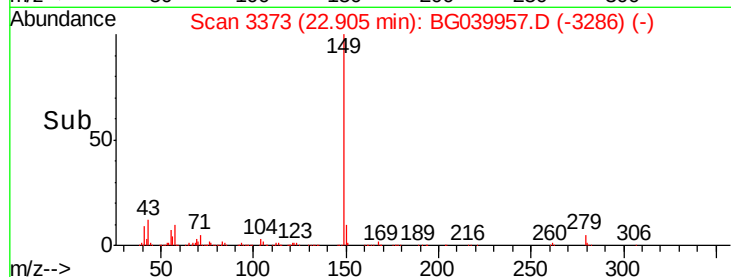
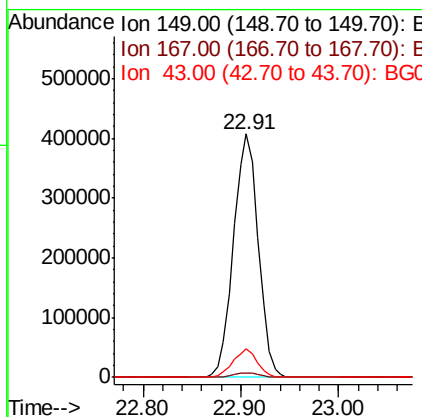
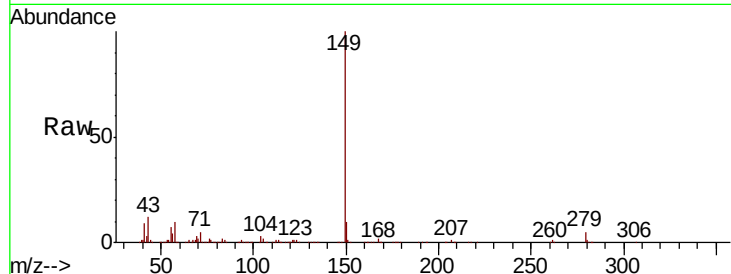
#85
Di-n-octyl phthalate
Concen: 41.385 ng
RT: 22.91 min Scan# 3373
Delta R.T. -0.02 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Instrument :
BNA_G
ClientSampleId :
PB117975BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	11.1	10.2	15.4

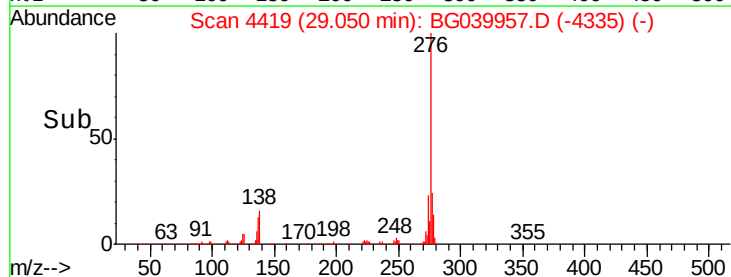
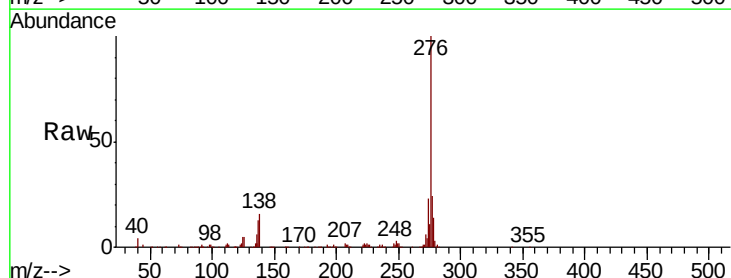
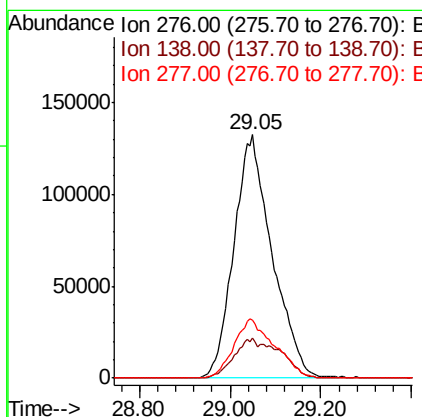
Manual Integrations
APPROVED

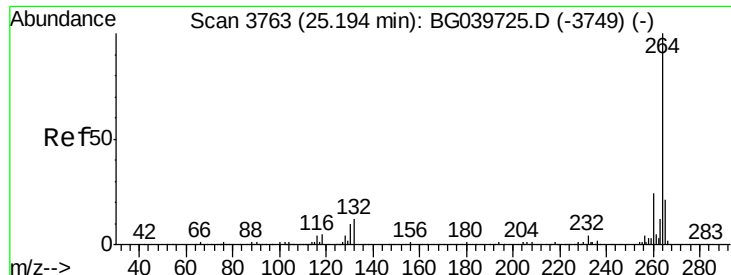
Sohil
3/18/2019 3:02:45 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 38.168 ng
RT: 29.05 min Scan# 4419
Delta R.T. -0.04 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.8	12.6	19.0#
277	25.9	20.8	31.2





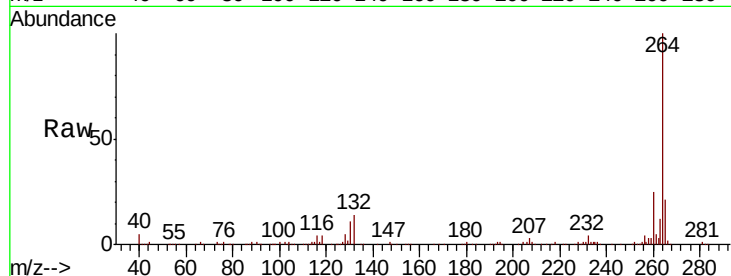
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.17 min Scan# 3759
Delta R.T. -0.03 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Instrument :
BNA_G
ClientSampled :
PB117975BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.3	18.2	27.4
265	21.0	18.5	27.7

Manual Integrations
APPROVED

Sohil
3/18/2019 3:02:45 PM

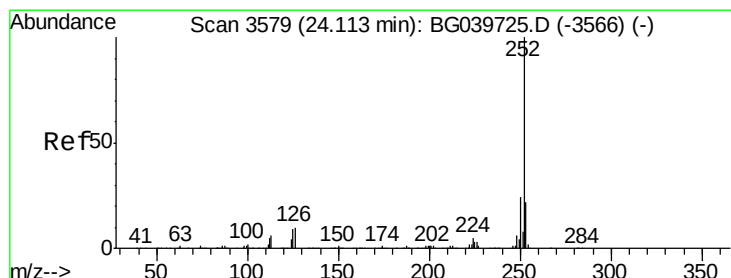
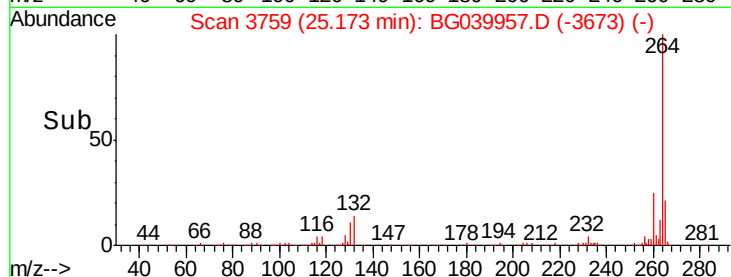
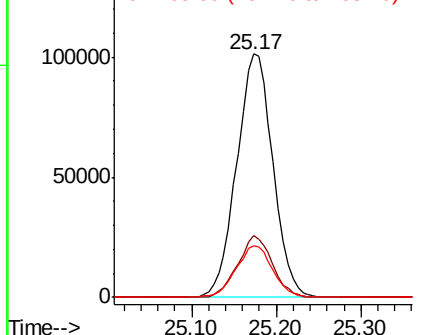


Abundance

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: 38.108 ng
RT: 24.10 min Scan# 3576
Delta R.T. -0.02 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

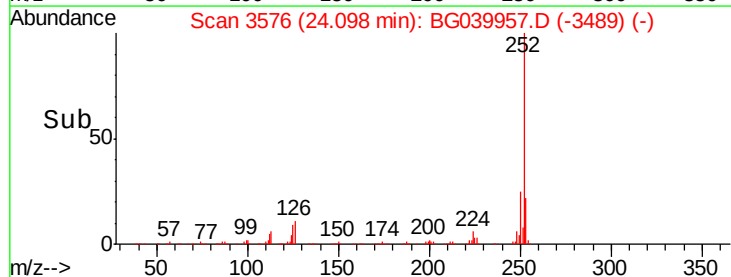
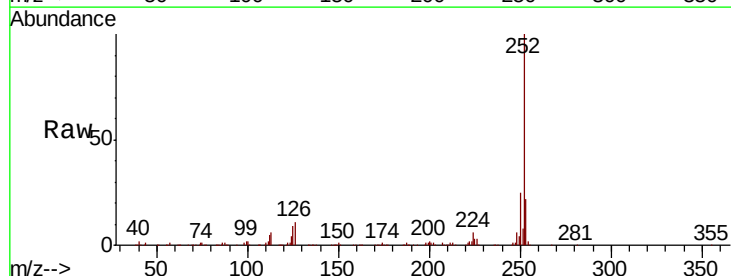
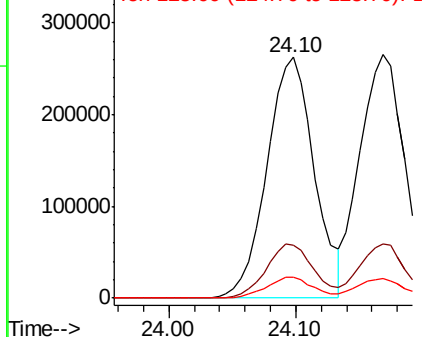
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	8.8	7.8	11.6

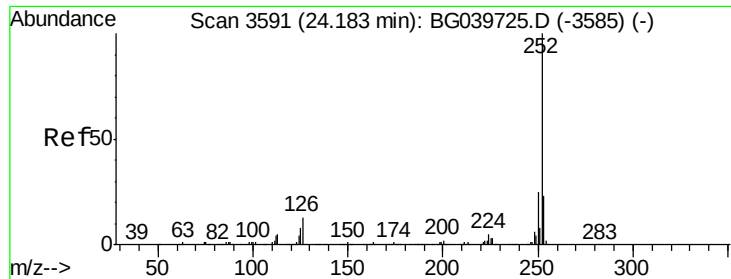
Abundance

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





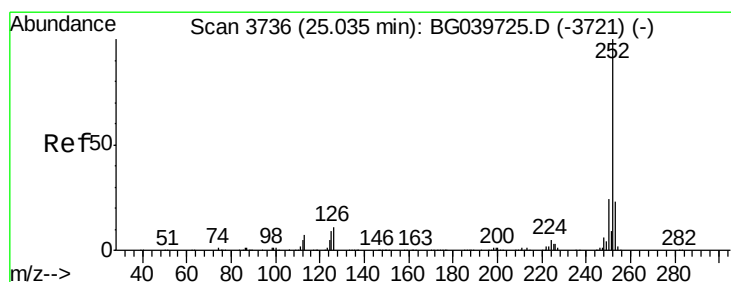
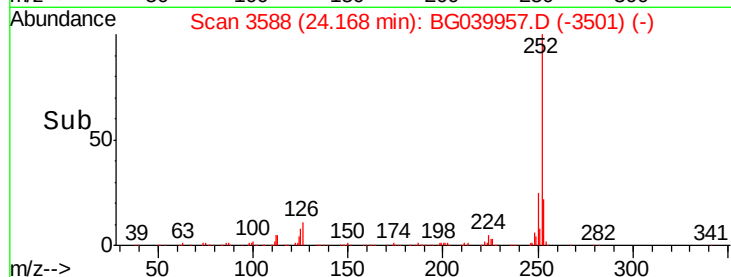
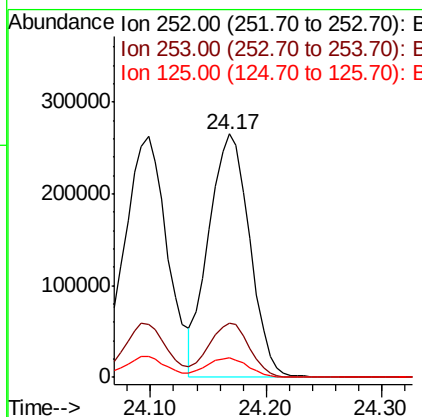
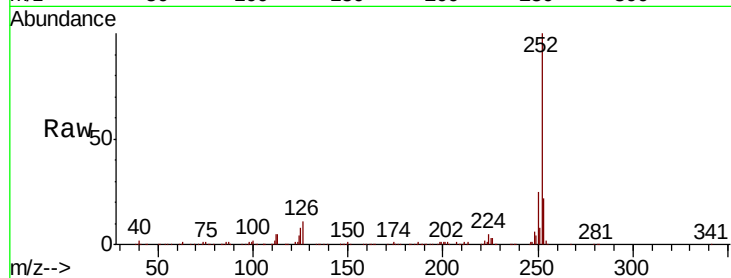
#89
Benzo(k)fluoranthene
Concen: 38.988 ng
RT: 24.17 min Scan# 3588
Delta R.T. -0.02 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Instrument :
BNA_G
ClientSampleId :
PB117975BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	7.9	7.4	11.2

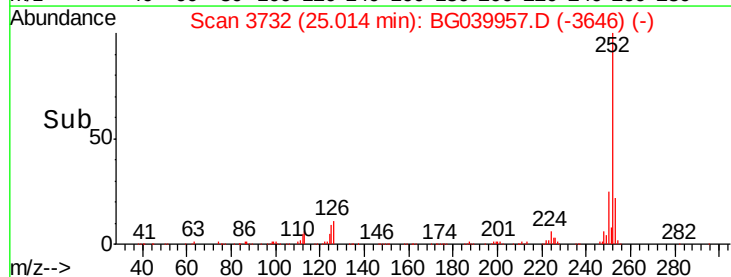
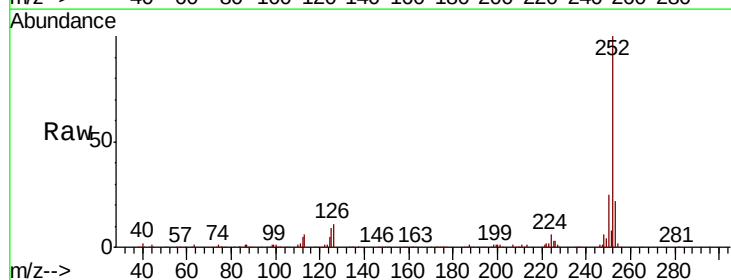
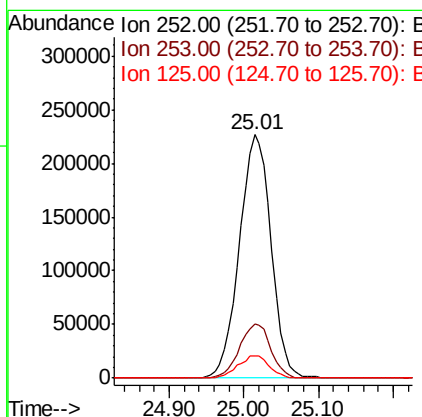
Manual Integrations
APPROVED

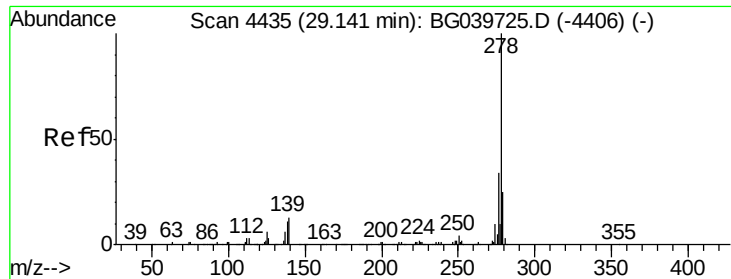
Sohil
3/18/2019 3:02:45 PM



#90
Benzo(a)pyrene
Concen: 40.278 ng
RT: 25.01 min Scan# 3732
Delta R.T. -0.03 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	9.1	8.3	12.5





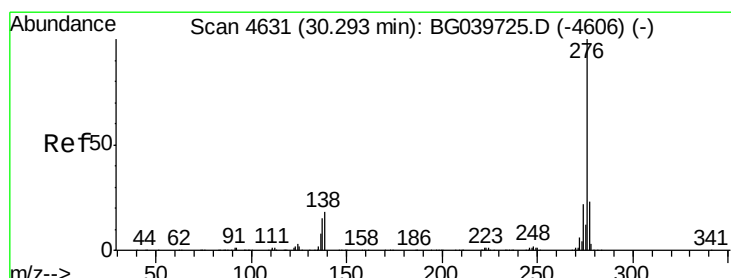
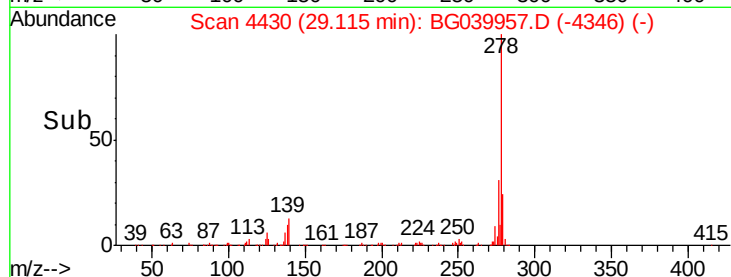
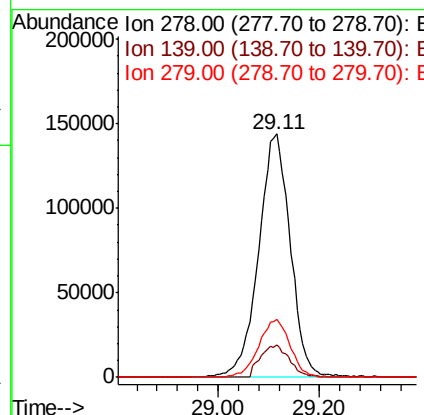
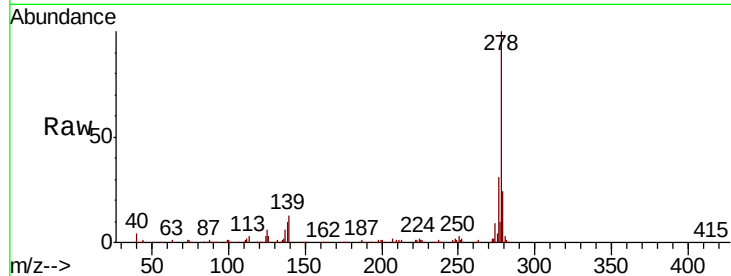
#91
Dibenzo(a,h)anthracene
Concen: 38.566 ng
RT: 29.11 min Scan# 4430
Delta R.T. -0.04 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Instrument :
BNA_G
ClientSampleId :
PB117975BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.2	11.7	17.5
279	23.8	19.1	28.7

Manual Integrations
APPROVED

Sohil
3/18/2019 3:02:45 PM



#92
Benzo(g,h,i)perylene
Concen: 39.039 ng
RT: 30.27 min Scan# 4627
Delta R.T. -0.04 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.6	29.4
138	17.1	14.7	22.1

