

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021219\
 Data File : BG039462.D
 Acq On : 12 Feb 2019 13:53
 Operator : JU/SJ
 Sample : PB117032BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117032BS

Manual Integrations
 APPROVED

Sohil
 2/13/2019 9:56:47 AM

Quant Time: Feb 12 18:02:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	48545	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	245819	20.00	ng	-0.02
39) Acenaphthene-d10	14.80	164	185111	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	448486	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	361629	20.00	ng	-0.02
87) Perylene-d12	25.21	264	371243	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	492428	173.61	ng	0.00
7) Phenol-d6	7.31	99	731193	175.13	ng	0.00
23) Nitrobenzene-d5	9.35	82	359998	91.49	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	336193	168.66	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	962710	74.61	ng	-0.01
79) Terphenyl-d14	20.13	244	1438509	84.20	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.60	88	38016	30.641	ng	94
3) Pyridine	4.00	79	112653	34.294	ng	99
4) n-Nitrosodimethylamine	3.92	42	62539	38.068	ng	91
6) Aniline	7.50	93	176146	33.682	ng	98
8) 2-Chlorophenol	7.73	128	159436	51.424	ng	97
9) Benzaldehyde	7.31	77	72277	32.941	ng	98
10) Phenol	7.34	94	225344	51.777	ng	99
11) bis(2-Chloroethyl)ether	7.59	93	142048	41.304	ng	95
12) 1,3-Dichlorobenzene	8.06	146	145627	38.773	ng	96
13) 1,4-Dichlorobenzene	8.21	146	148921	39.780	ng	98
14) 1,2-Dichlorobenzene	8.52	146	146579	40.446	ng	98
15) Benzyl Alcohol	8.41	79	162060	49.442	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.69	45	282847	36.420	ng	99
17) 2-Methylphenol	8.60	107	148994	52.902	ng	97
18) Hexachloroethane	9.26	117	51378	39.891	ng	97
19) n-Nitroso-di-n-propylamine	8.98	70	129634	43.746	ng	92
20) 3+4-Methylphenols	8.93	107	211161	54.445	ng	98
22) Acetophenone	9.00	105	242811	36.772	ng	# 94
24) Nitrobenzene	9.39	77	187995	44.224	ng	97
25) Isophorone	9.90	82	387601	44.451	ng	99
26) 2-Nitrophenol	10.10	139	94752	54.498	ng	97
27) 2,4-Dimethylphenol	10.14	122	185667	52.637	ng	96
28) bis(2-Chloroethoxy)methane	10.39	93	232054	43.206	ng	96
29) 2,4-Dichlorophenol	10.63	162	193880	50.292	ng	95
30) 1,2,4-Trichlorobenzene	10.85	180	173835	40.164	ng	98
31) Naphthalene	11.04	128	516505	42.354	ng	98
32) Benzoic acid	10.27	122	114020	49.108	ng	94
33) 4-Chloroaniline	11.15	127	123789	21.892	ng	98
34) Hexachlorobutadiene	11.31	225	108094	37.554	ng	94
35) Caprolactam	11.94	113	70658m	44.292	ng	
36) 4-Chloro-3-methylphenol	12.25	107	221844	49.758	ng	99
37) 2-Methylnaphthalene	12.64	142	418222	46.303	ng	96
38) 1-Methylnaphthalene	12.85	142	407172	46.766	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	231266	39.266	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021219\
 Data File : BG039462.D
 Acq On : 12 Feb 2019 13:53
 Operator : JU/SJ
 Sample : PB117032BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117032BS

Manual Integrations
 APPROVED

Sohil
 2/13/2019 9:56:47 AM

Quant Time: Feb 12 18:02:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	284060	88.509	nq	98
43) 2,4,6-Trichlorophenol	13.23	196	170667	47.129	nq	96
44) 2,4,5-Trichlorophenol	13.30	196	188407	49.641	nq	98
46) 1,1'-Biphenyl	13.63	154	585321	38.004	nq	98
47) 2-Chloronaphthalene	13.68	162	452843	39.084	nq	99
48) 2-Nitroaniline	13.89	65	160210	48.112	nq	97
49) Acenaphthylene	14.52	152	742578	42.475	nq	99
50) Dimethylphthalate	14.25	163	620271	41.489	nq	99
51) 2,6-Dinitrotoluene	14.38	165	143458	50.886	nq	93
52) Acenaphthene	14.86	154	449643	39.621	nq	97
53) 3-Nitroaniline	14.70	138	92982	32.911	nq	# 91
54) 2,4-Dinitrophenol	14.91	184	107986	84.849	nq	91
55) Dibenzofuran	15.19	168	738545	40.590	nq	99
56) 4-Nitrophenol	14.99	139	220636	81.505	nq	89
57) 2,4-Dinitrotoluene	15.16	165	197117	53.921	nq	# 87
58) Fluorene	15.84	166	589719	43.477	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	183563	51.654	nq	96
60) Diethylphthalate	15.60	149	640029	41.406	nq	98
61) 4-Chlorophenyl-phenylether	15.83	204	316705	41.236	nq	96
62) 4-Nitroaniline	15.87	138	134852	43.451	nq	91
63) Azobenzene	16.12	77	565003	37.397	nq	96
65) 4,6-Dinitro-2-methylphenol	15.91	198	95467	52.190	nq	96
66) n-Nitrosodiphenylamine	16.04	169	546842	40.100	nq	99
67) 4-Bromophenyl-phenylether	16.72	248	206730	41.550	nq	97
68) Hexachlorobenzene	16.83	284	212998	42.669	nq	97
69) Atrazine	16.98	200	213967	42.935	nq	96
70) Pentachlorophenol	17.18	266	239424	69.009	nq	99
71) Phenanthrene	17.58	178	960715	41.388	nq	99
72) Anthracene	17.68	178	967486	42.314	nq	98
73) Carbazole	17.94	167	804272	35.247	nq	99
74) Di-n-butylphthalate	18.48	149	998314	37.502	nq	100
75) Fluoranthene	19.58	202	1020350	37.872	nq	99
77) Benzidine	19.76	184	361654	30.503	nq	100
78) Pyrene	19.94	202	1006167	44.694	nq	99
80) Butylbenzylphthalate	20.81	149	384793	40.519	nq	94
81) Benzo(a)anthracene	21.81	228	910685	42.618	nq	99
82) 3,3'-Dichlorobenzidine	21.72	252	213406	26.934	nq	99
83) Chrysene	21.88	228	855504	42.057	nq	99
84) Bis(2-ethylhexyl)phthalate	21.68	149	537473	39.671	nq	100
85) Di-n-octyl phthalate	22.95	149	929212	41.514	nq	95
86) Indeno(1,2,3-cd)pyrene	29.10	276	1027863	47.097	nq	100
88) Benzo(b)fluoranthene	24.13	252	883661	43.646	nq	99
89) Benzo(k)fluoranthene	24.20	252	874332	43.014	nq	99
90) Benzo(a)pyrene	25.05	252	874912	44.871	nq	99
91) Dibenzo(a,h)anthracene	29.17	278	830572	45.485	nq	99
92) Benzo(g,h,i)perylene	30.33	276	843799	46.361	nq	96

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



#1

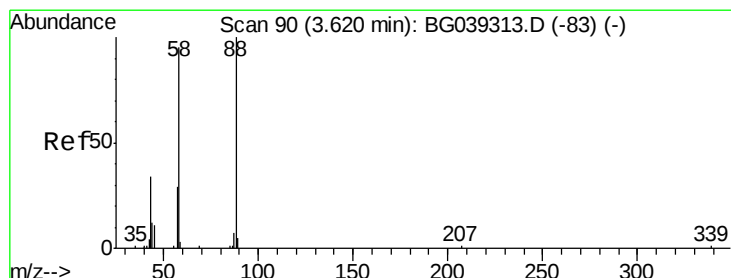
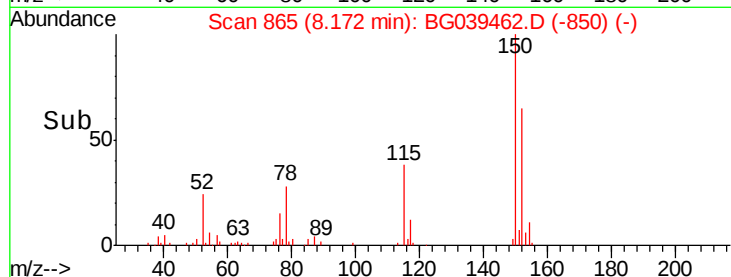
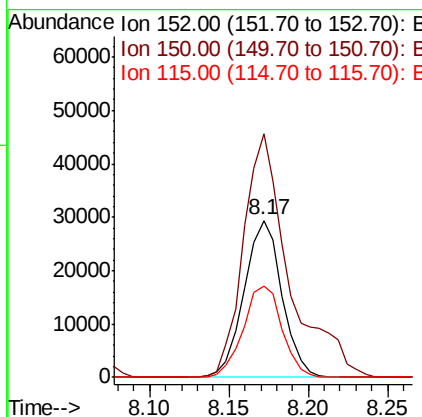
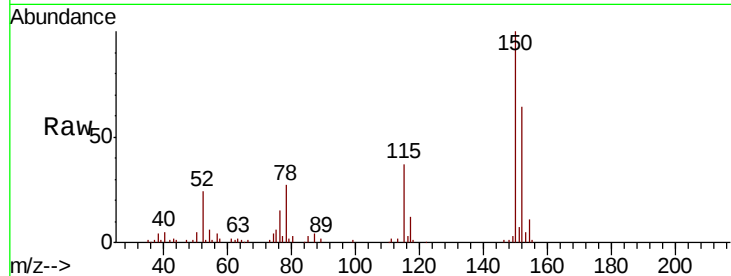
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Instrument :
BNA_G
ClientSampleId :
PB117032BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	123.7	185.5
115	58.1	45.9	68.9

Manual Integrations
APPROVED

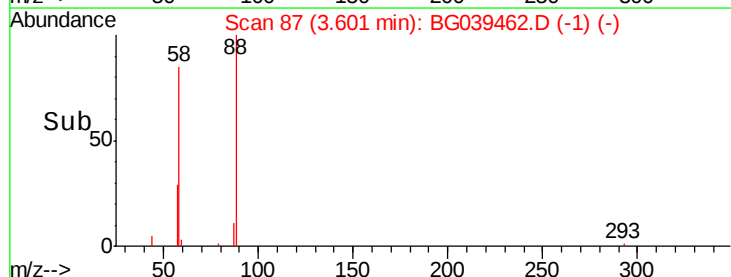
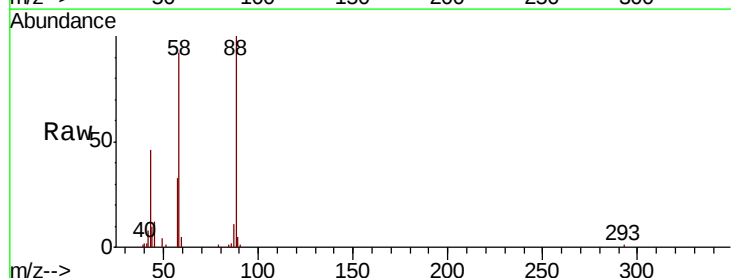
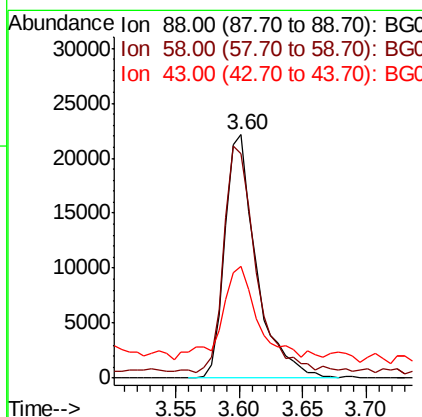
Sohil
2/13/2019 9:56:47 AM

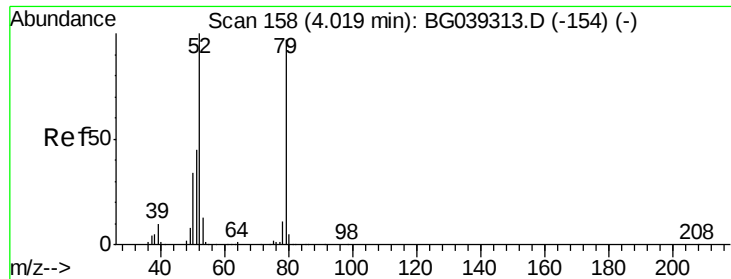


#2

1,4-Dioxane
Concen: 30.641 ng
RT: 3.60 min Scan# 87
Delta R.T. -0.02 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.7	81.1	121.7
43	43.4	31.4	47.0





#3

Pvridine

Concen: 34.294 ng

RT: 4.00 min Scan# 155

Delta R.T. -0.02 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

Instrument :

BNA_G

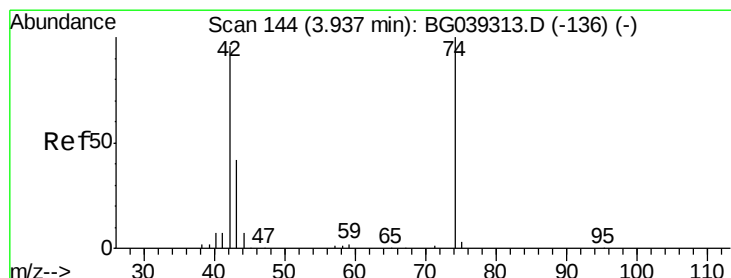
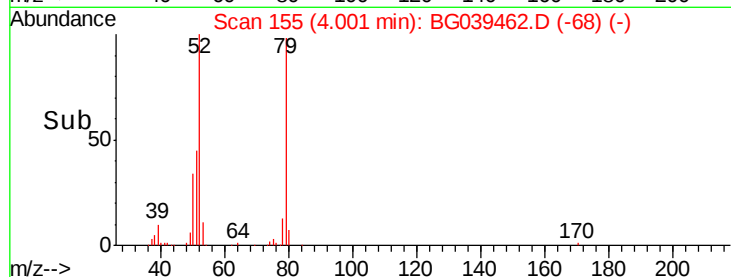
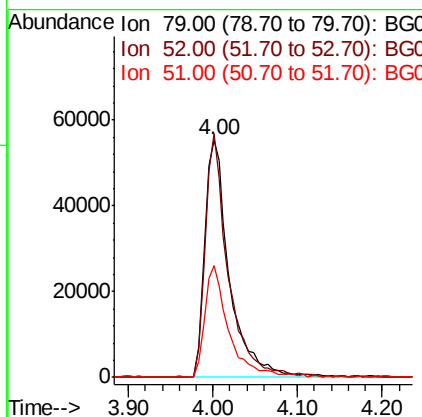
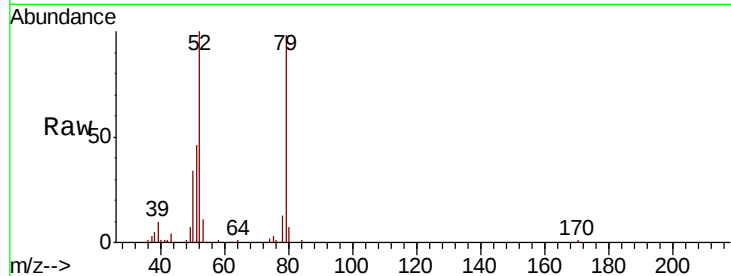
ClientSampleId :

PB117032BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	102.5	82.6	124.0
51	46.9	37.5	56.3

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:47 AM



#4

n-Nitrosodimethylamine

Concen: 38.068 ng

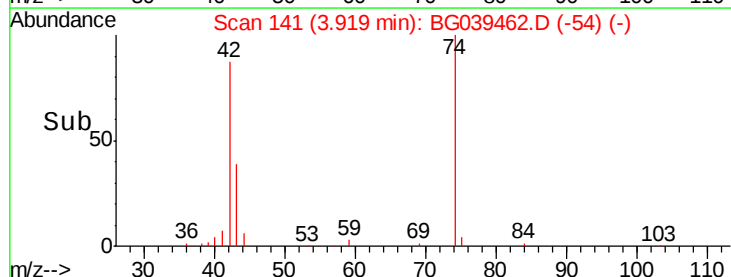
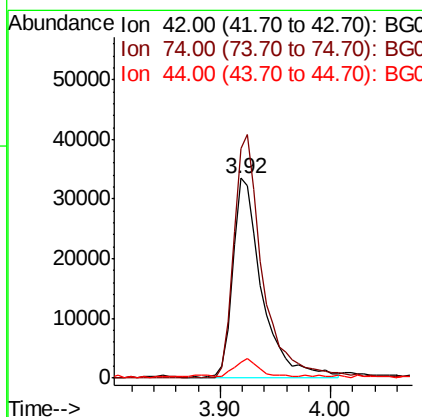
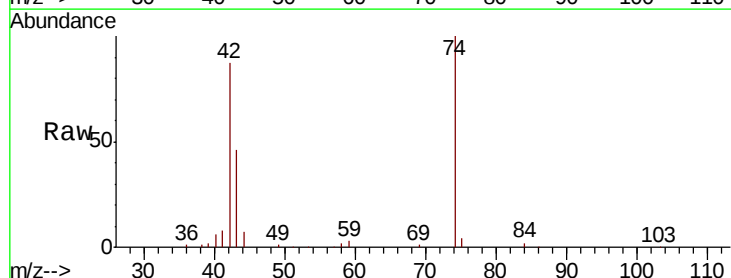
RT: 3.92 min Scan# 141

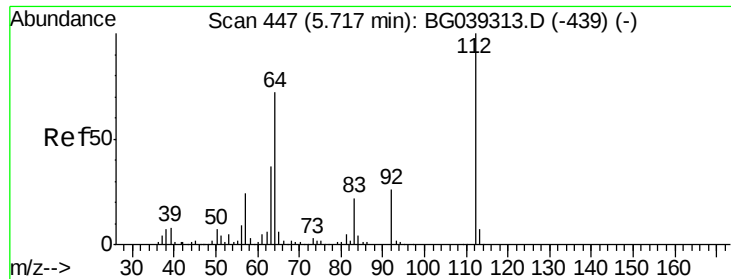
Delta R.T. -0.02 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

Tgt Ion	Ratio	Lower	Upper
42	100		
74	114.7	83.6	125.4
44	7.8	6.9	10.3





#5

2-Fluorophenol

Concen: 173.611 ng

RT: 5.71 min Scan# 446

Delta R.T. -0.01 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

Instrument :

BNA_G

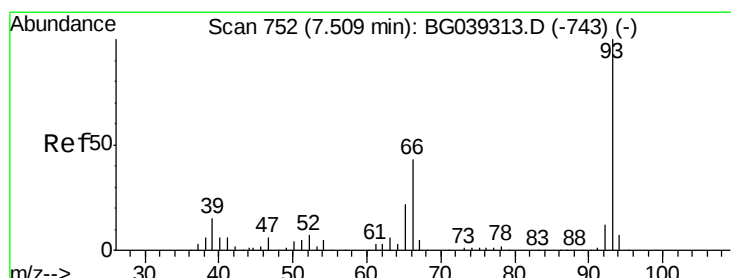
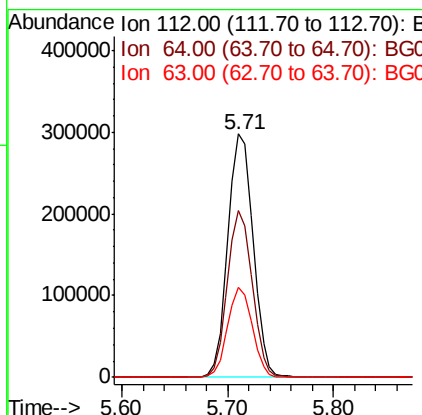
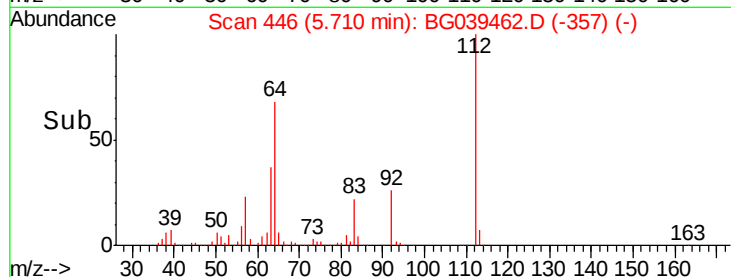
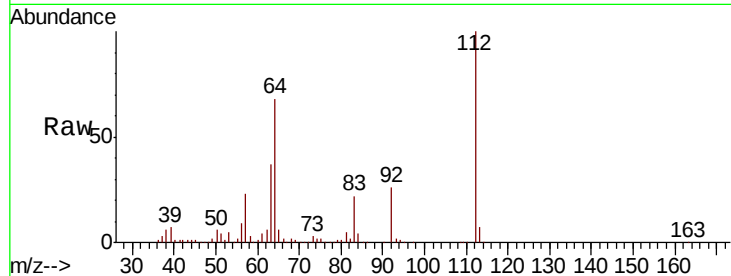
ClientSampleId :

PB117032BS

Tot Ion:	112	Resp:	492428
Ion Ratio	Lower	Upper	
112	100		
64	68.5	57.8	86.8
63	37.1	29.8	44.6

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:47 AM



#6

Aniline

Concen: 33.682 ng

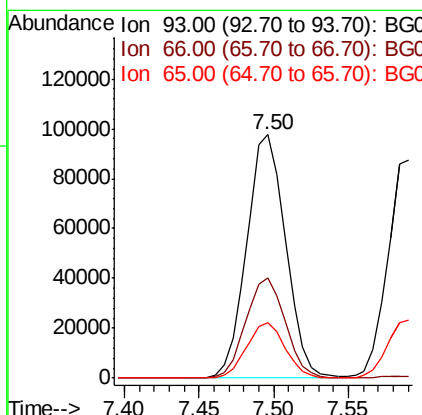
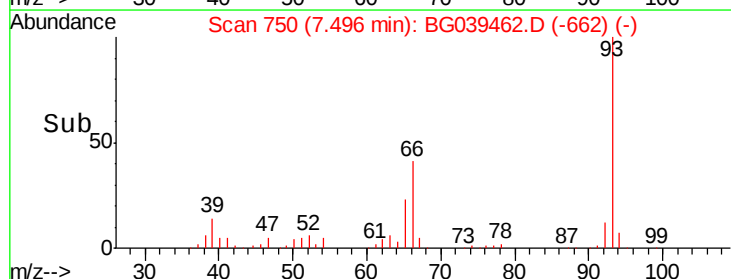
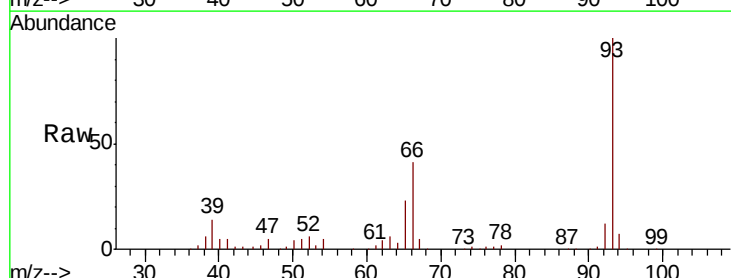
RT: 7.50 min Scan# 750

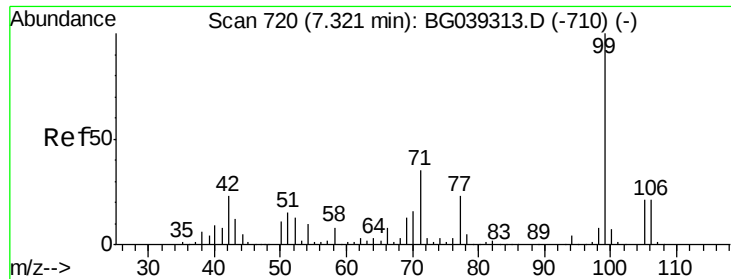
Delta R.T. -0.01 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

Tgt Ion:	93	Resp:	176146
Ion Ratio	Lower	Upper	
93	100		
66	41.4	34.2	51.4
65	22.6	17.7	26.5





#7

Phenol-d6

Concen: 175.133 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

Instrument :

BNA_G

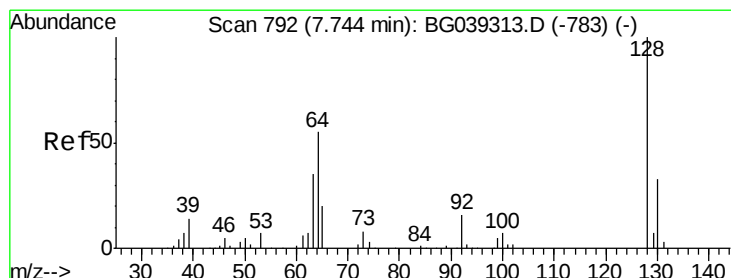
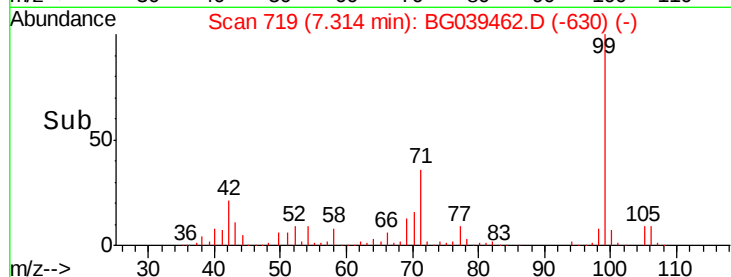
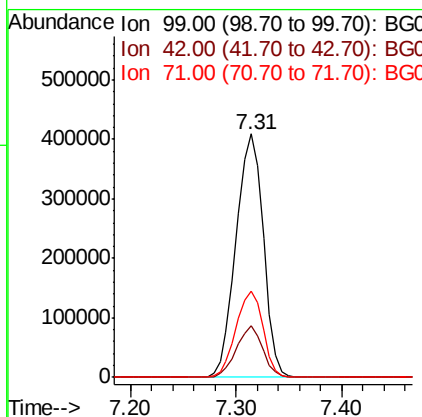
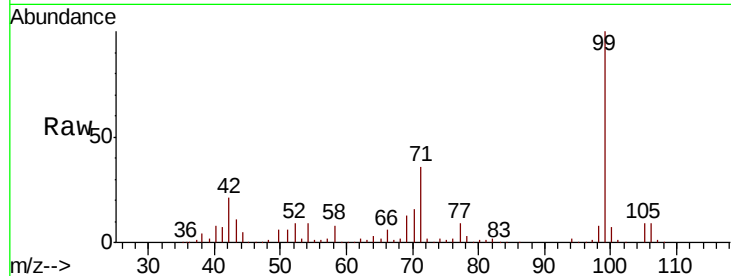
ClientSampled :

PB117032BS

Tot Ion:	99	Resp:	731193
Ion Ratio	Lower	Upper	
99	100		
42	20.9	18.2	27.2
71	35.6	28.0	42.0

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:47 AM



#8

2-Chlorophenol

Concen: 51.424 ng

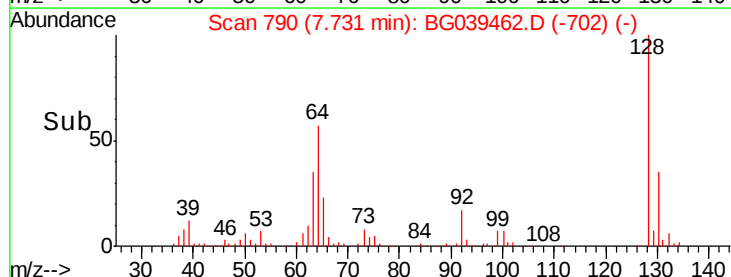
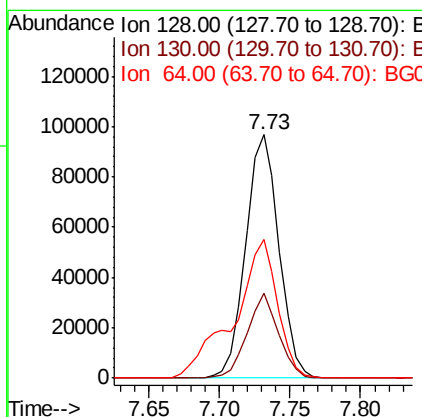
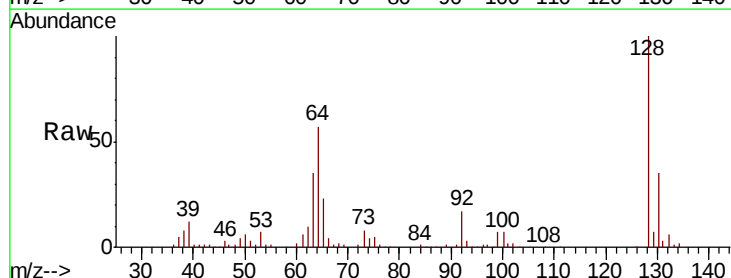
RT: 7.73 min Scan# 790

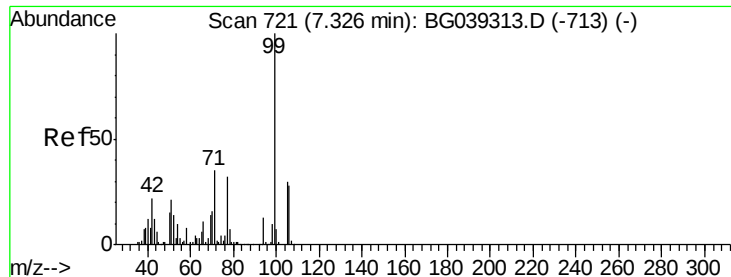
Delta R.T. -0.01 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

Tgt Ion:	128	Resp:	159436
Ion Ratio	Lower	Upper	
128	100		
130	35.0	12.9	52.9
64	57.1	38.7	78.7





#9

Benzaldehyde

Concen: 32.941 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

Instrument :

BNA_G

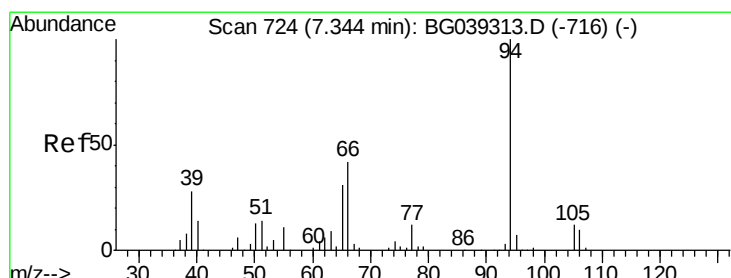
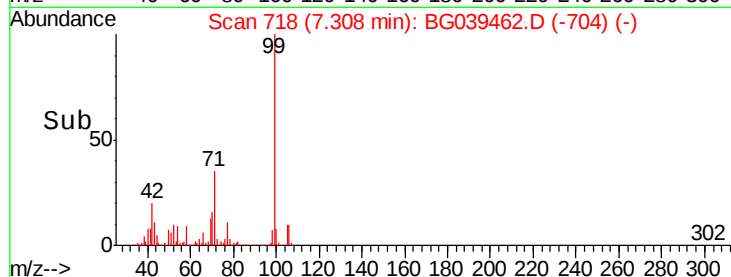
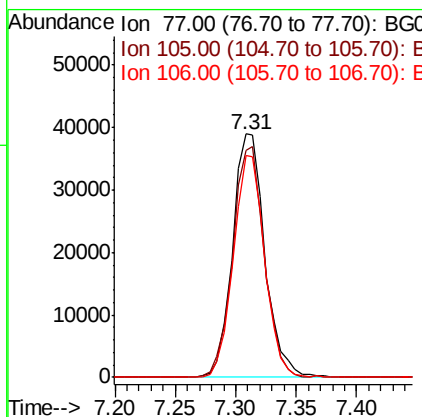
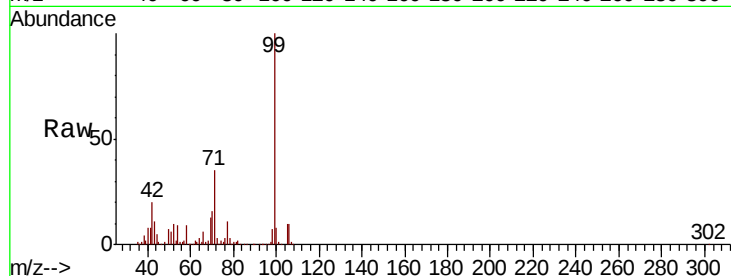
ClientSampled :

PB117032BS

Tot Ion:	77	Resp:	72277
Ion	Ratio	Lower	Upper
77	100		
105	93.1	74.5	114.5
106	91.3	68.0	108.0

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:47 AM



#10

Phenol

Concen: 51.777 ng

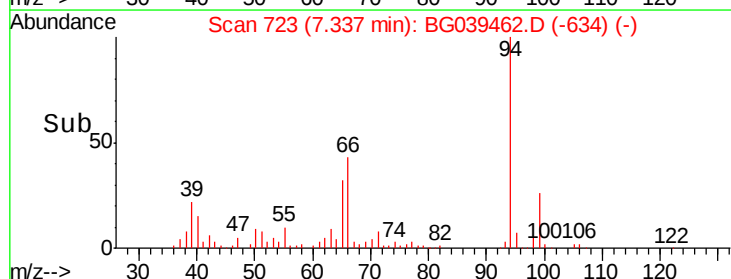
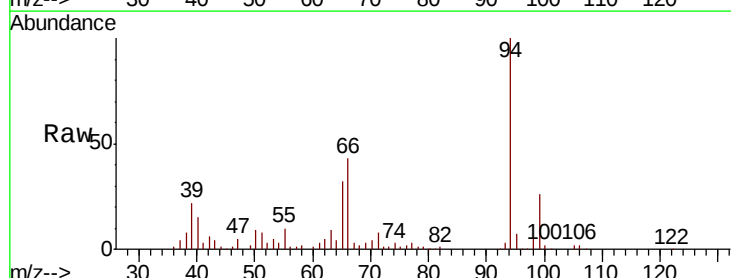
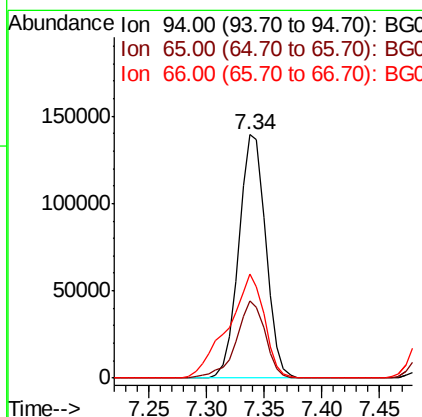
RT: 7.34 min Scan# 723

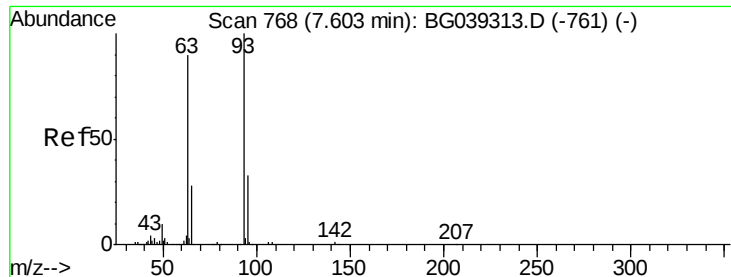
Delta R.T. -0.01 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

Tgt Ion:	94	Resp:	225344
Ion	Ratio	Lower	Upper
94	100		
65	31.8	11.7	51.7
66	42.6	23.7	63.7





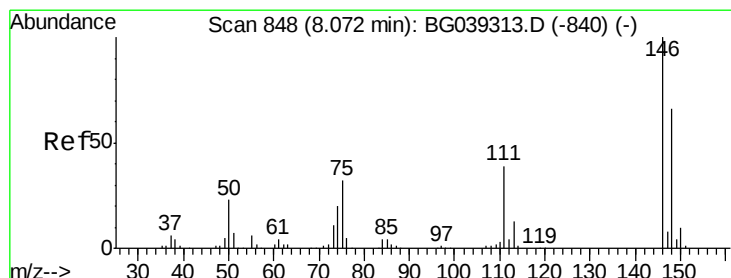
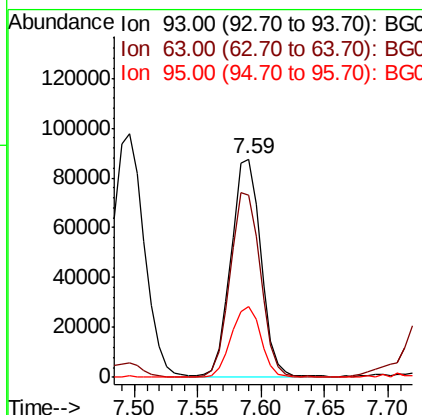
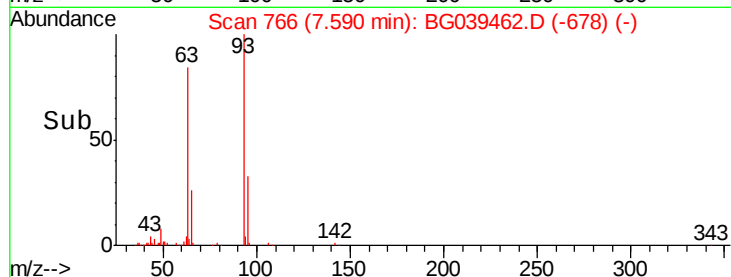
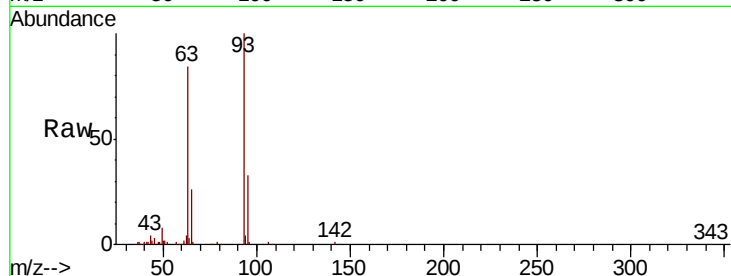
#11
bis(2-Chloroethyl)ether
Concen: 41.304 ng
RT: 7.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Instrument :
BNA_G
ClientSampleId :
PB117032BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	83.5	69.5	109.5
95	32.5	12.7	52.7

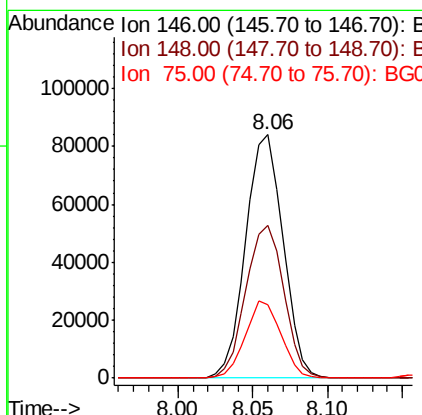
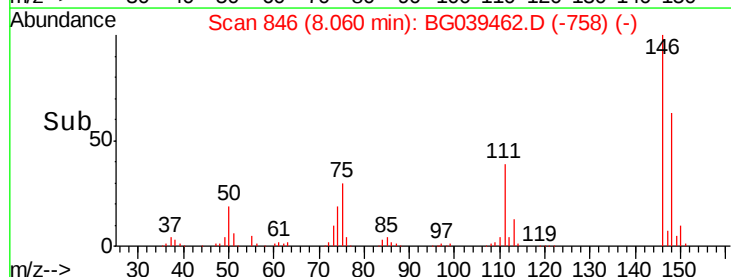
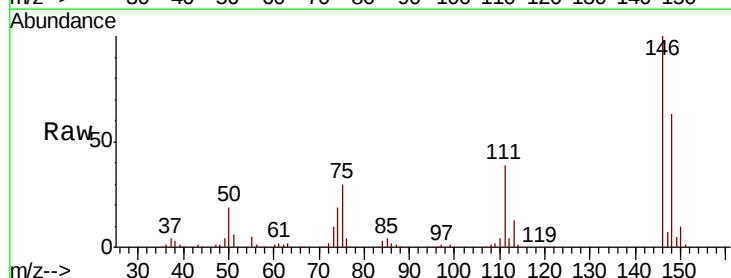
Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:47 AM



#12
1,3-Dichlorobenzene
Concen: 38.773 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	52.6	79.0
75	30.3	25.8	38.6





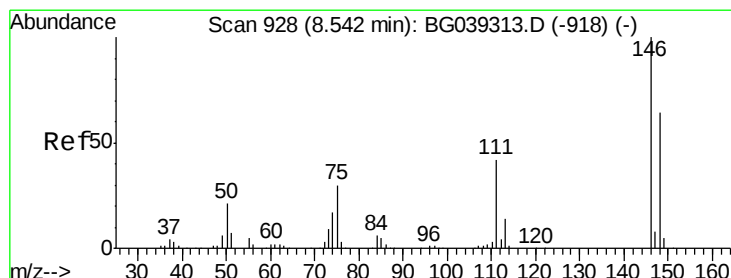
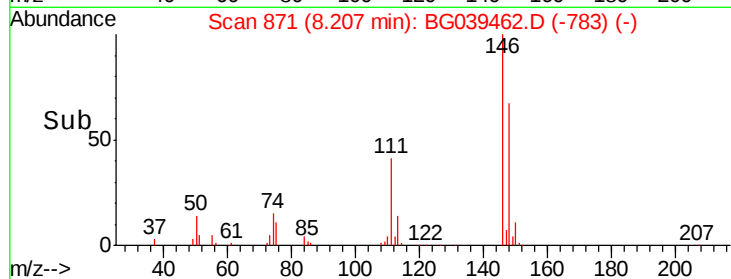
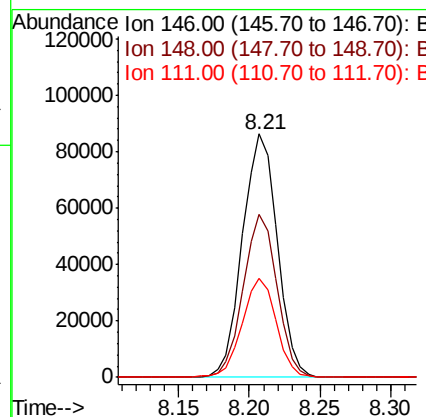
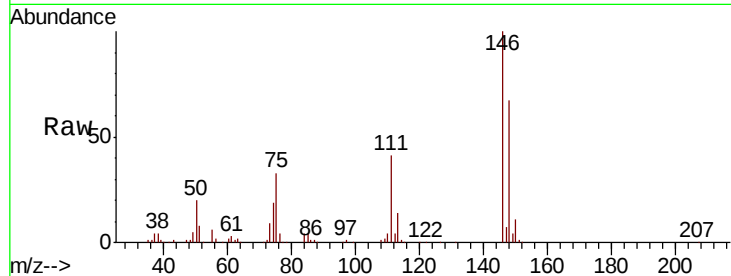
#13
 1,4-Dichlorobenzene
 Concen: 39.780 ng
 RT: 8.21 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: BG039462.D
 Acq: 12 Feb 2019 13:53

Instrument :
 BNA_G
 ClientSampleId :
 PB117032BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.7	51.1	76.7
111	40.7	32.6	48.8

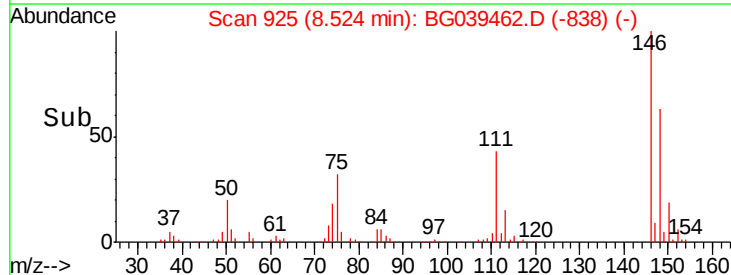
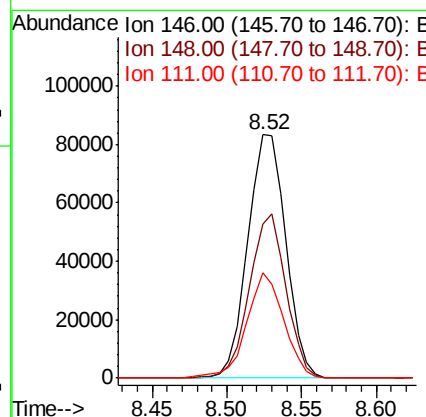
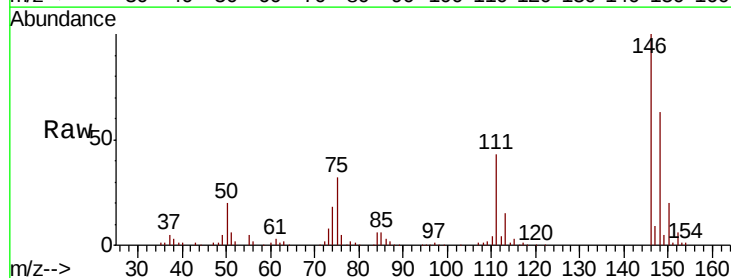
Manual Integrations
 APPROVED

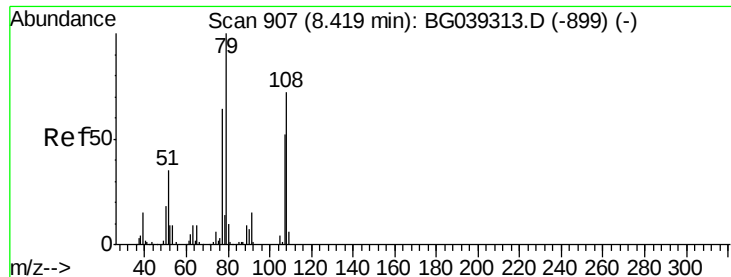
Sohil
 2/13/2019 9:56:47 AM



#14
 1,2-Dichlorobenzene
 Concen: 40.446 ng
 RT: 8.52 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BG039462.D
 Acq: 12 Feb 2019 13:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.5	77.3
111	43.0	33.8	50.6





#15

Benzyl Alcohol

Concen: 49.442 ng

RT: 8.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

Instrument :

BNA_G

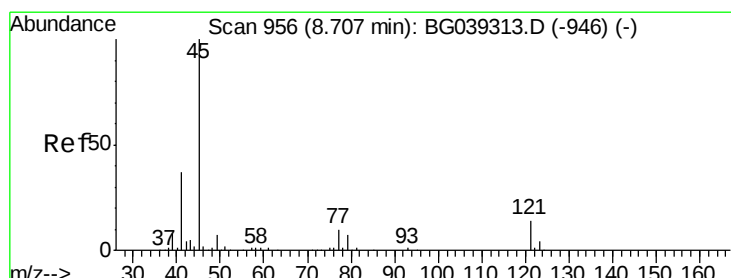
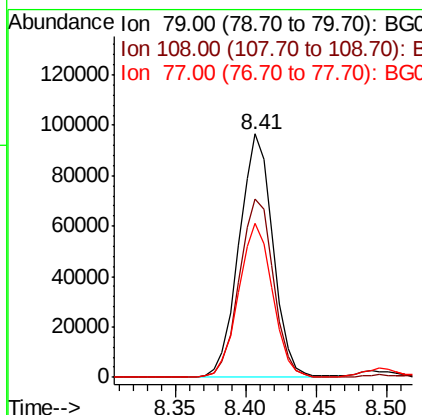
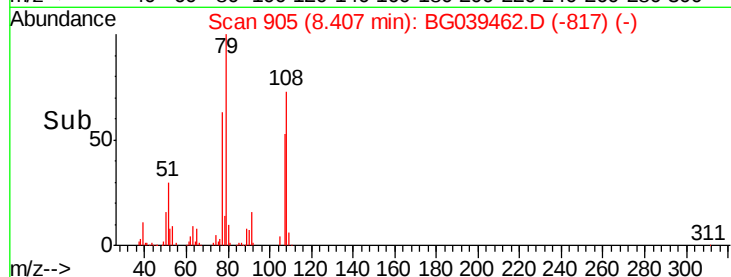
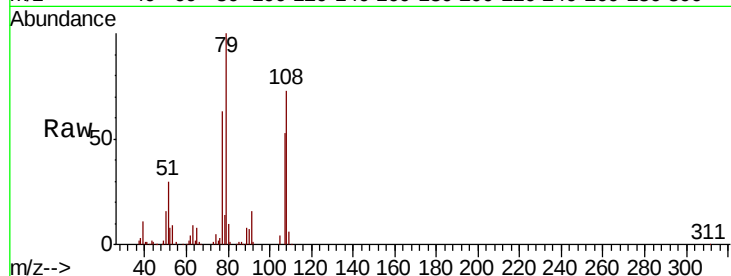
ClientSampleId :

PB117032BS

Tot Ion:	79	Resp:	162060
Ion Ratio	Lower	Upper	
79	100		
108	73.3	57.8	86.6
77	63.3	51.1	76.7

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:47 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.420 ng

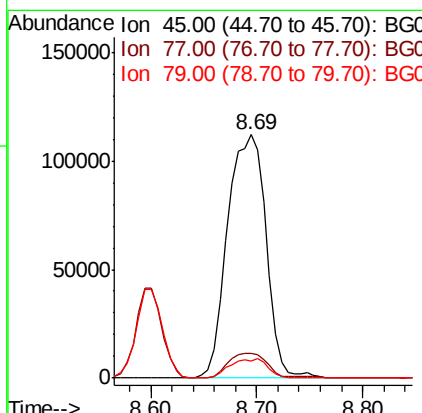
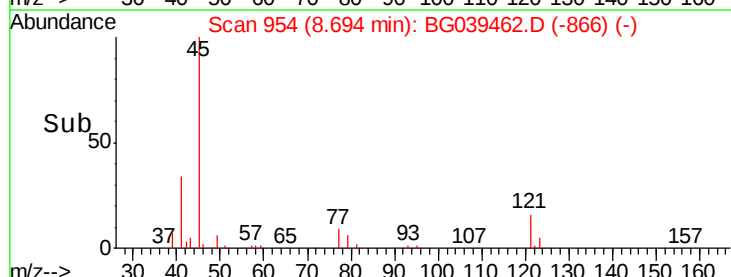
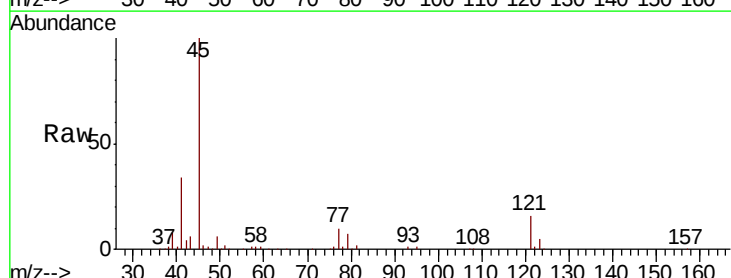
RT: 8.69 min Scan# 954

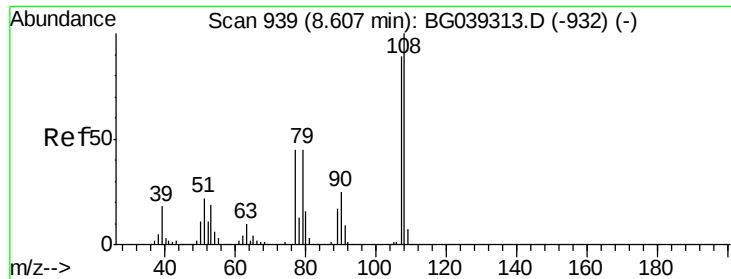
Delta R.T. -0.01 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

Tgt Ion:	45	Resp:	282847
Ion Ratio	Lower	Upper	
45	100		
77	10.3	0.0	30.0
79	7.0	0.0	27.5





#17

2-Methylphenol

Concen: 52.902 ng

RT: 8.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

Instrument :

BNA_G

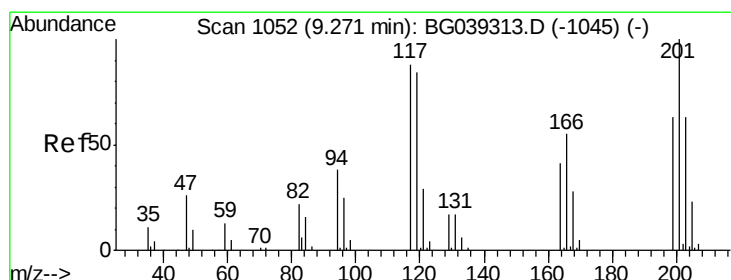
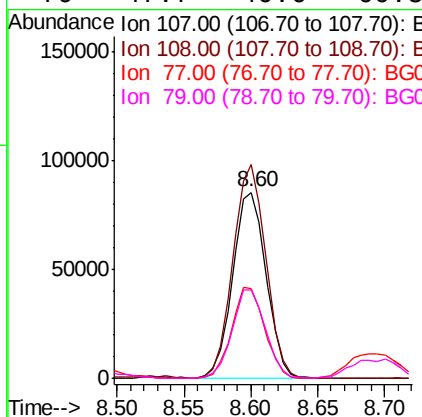
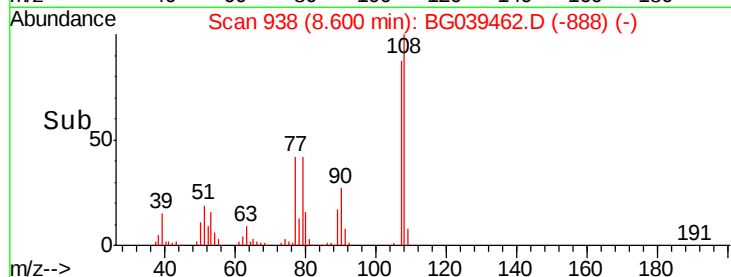
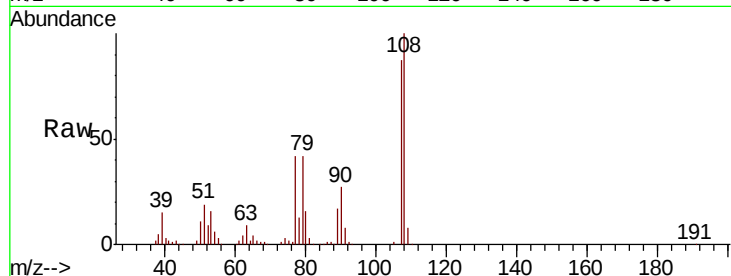
ClientSampleId :

PB117032BS

Tot Ion:	107	Resp:	148994
Ion Ratio	Lower	Upper	
107	100		
108	114.9	90.8	136.2
77	48.5	40.7	61.1
79	47.7	40.6	60.8

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:47 AM



#18

Hexachloroethane

Concen: 39.891 ng

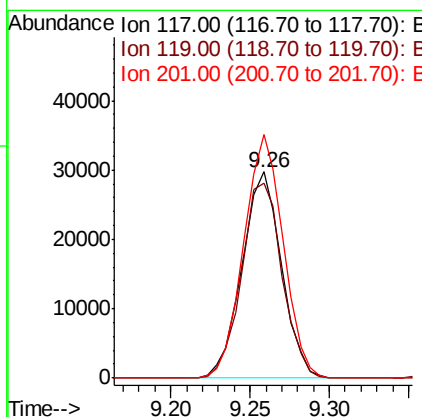
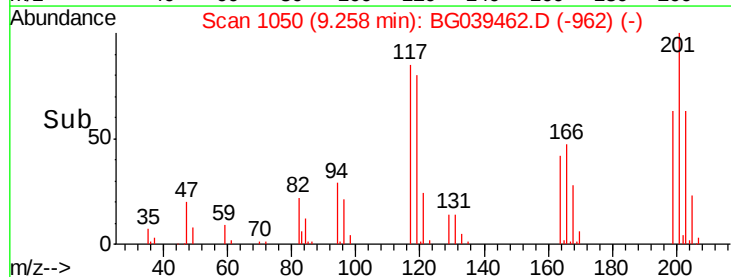
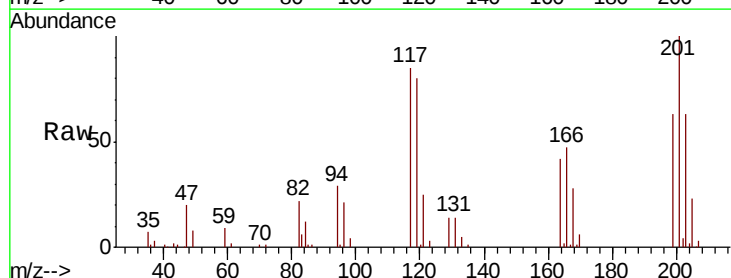
RT: 9.26 min Scan# 1050

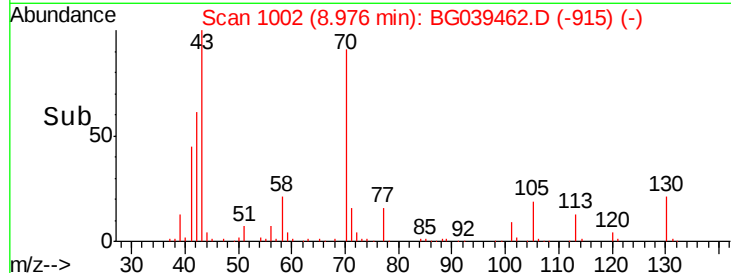
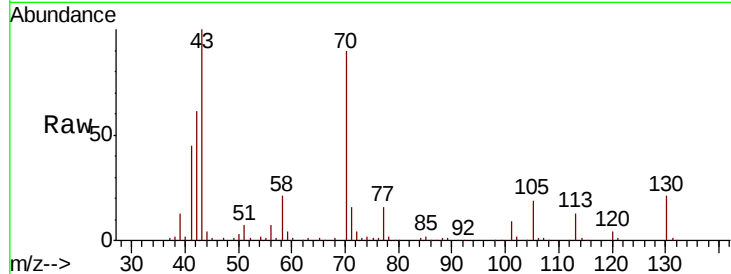
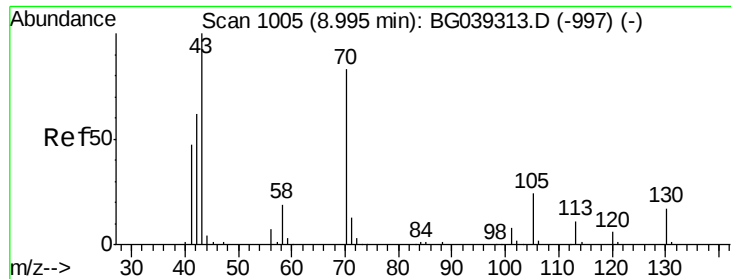
Delta R.T. -0.01 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

Tgt Ion:	117	Resp:	51378
Ion Ratio	Lower	Upper	
117	100		
119	94.3	76.3	114.5
201	118.1	91.1	136.7





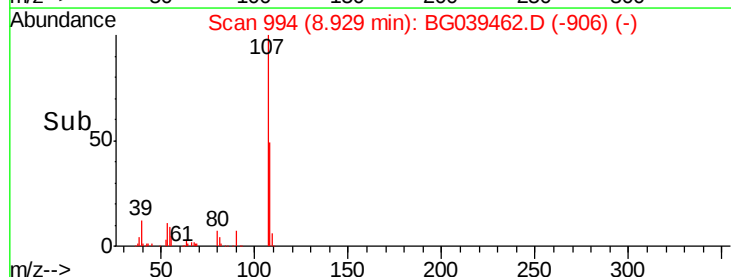
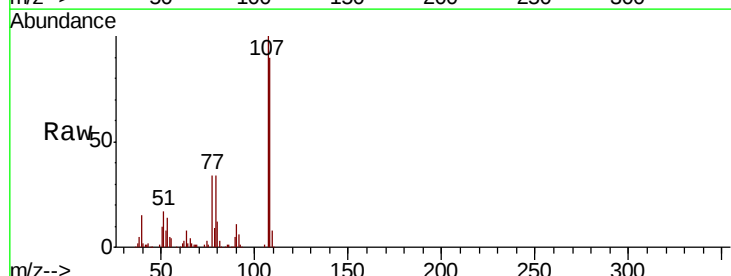
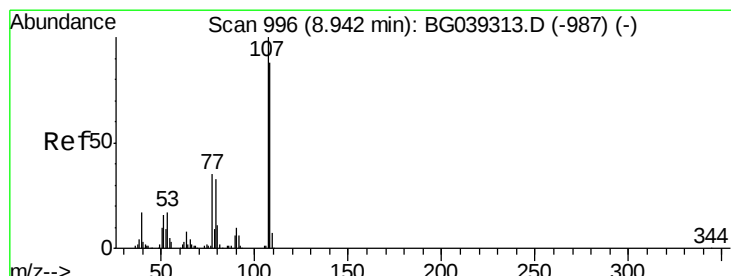
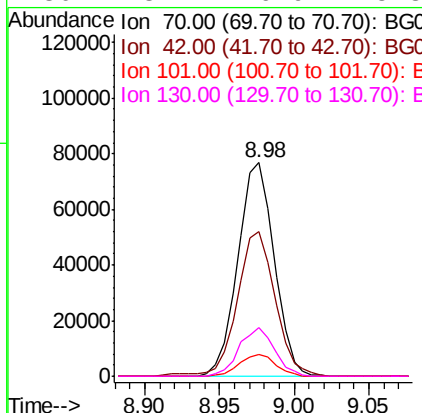
#19
n-Nitroso-di-n-propylamine
Concen: 43.746 ng
RT: 8.98 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Instrument :
BNA_G
ClientSampleId :
PB117032BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	67.4	60.4	90.6
101	10.2	7.5	11.3
130	23.1	16.9	25.3

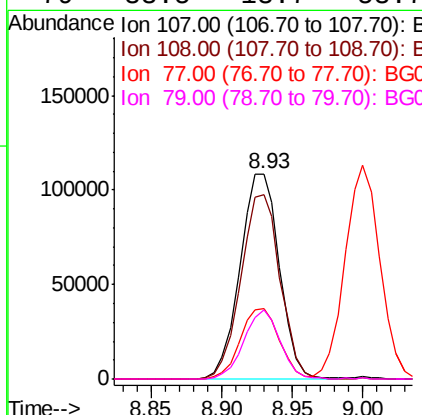
Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:47 AM



#20
3+4-Methylphenols
Concen: 54.445 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.0	67.9	107.9
77	34.1	15.4	55.4
79	33.5	13.7	53.7





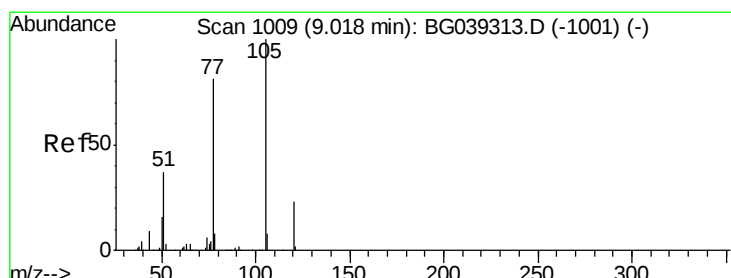
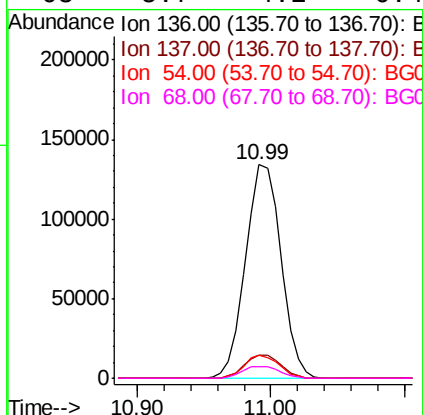
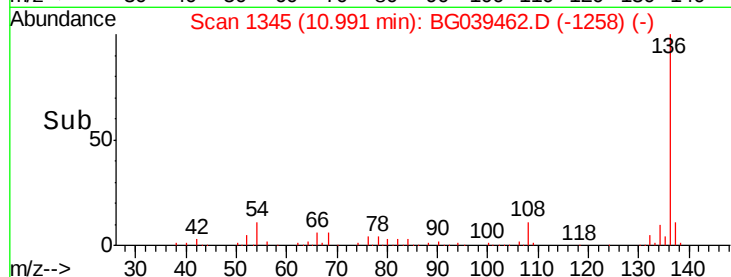
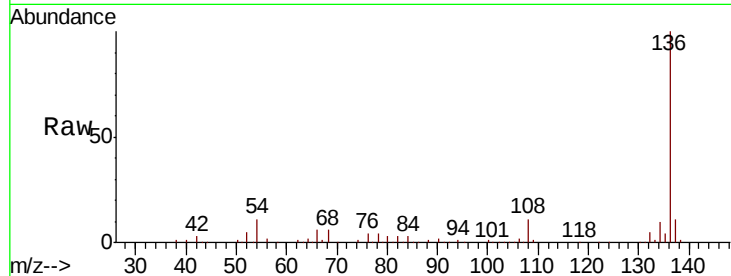
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Instrument :
BNA_G
ClientSampleId :
PB117032BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	245819		
137	11.0	9.1	13.7	
54	10.5	9.4	14.2	
68	5.7	4.2	6.4	

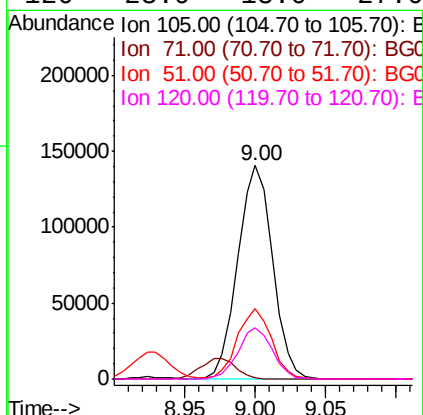
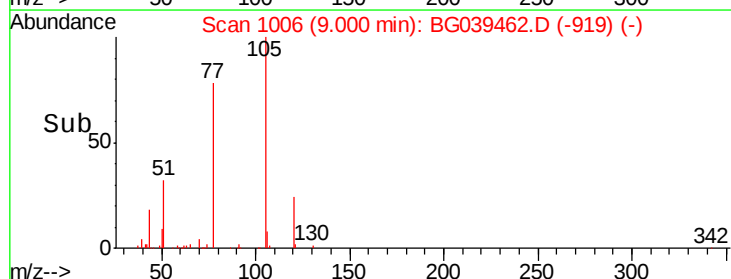
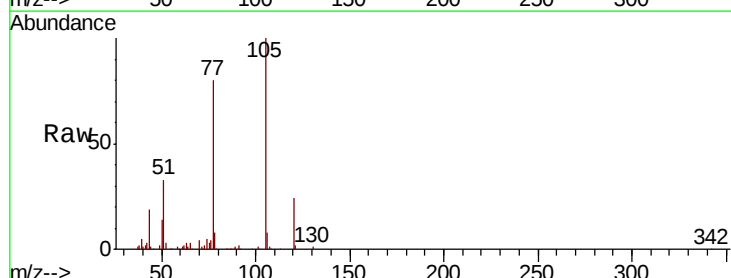
Manual Integrations
APPROVED

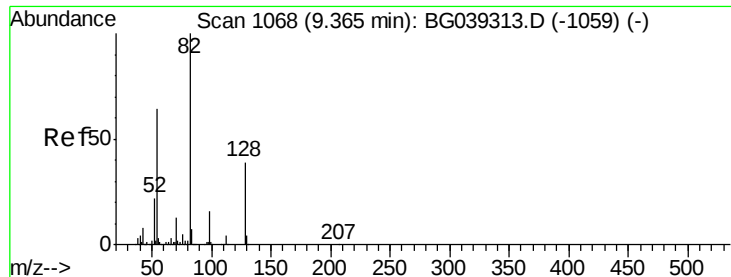
Sohil
2/13/2019 9:56:47 AM



#22
Acetophenone
Concen: 36.772 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	242811		
71	0.5	0.8	1.2#	
51	32.8	30.2	45.2	
120	23.9	18.0	27.0	





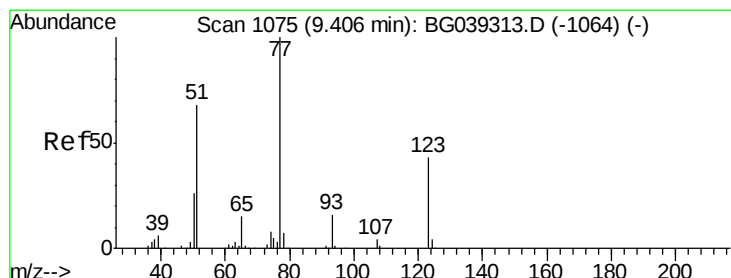
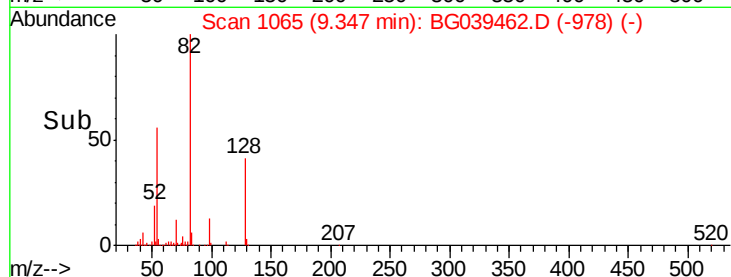
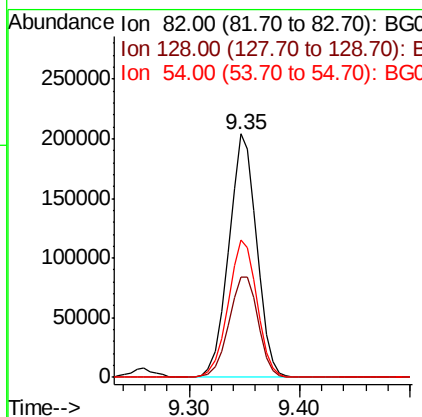
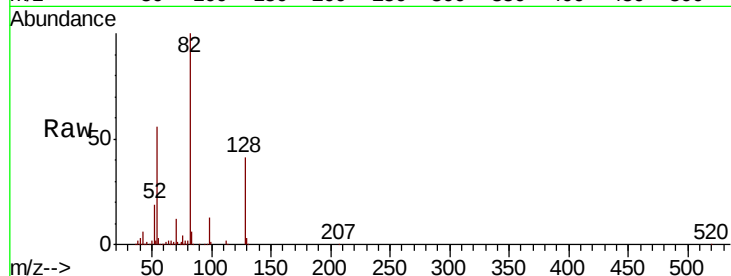
#23
Nitrobenzene-d5
Concen: 91.489 ng
RT: 9.35 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Instrument :
BNA_G
ClientSampleId :
PB117032BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.0	31.3	46.9
54	56.3	50.9	76.3

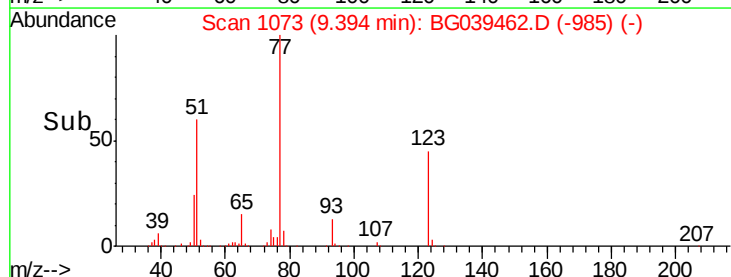
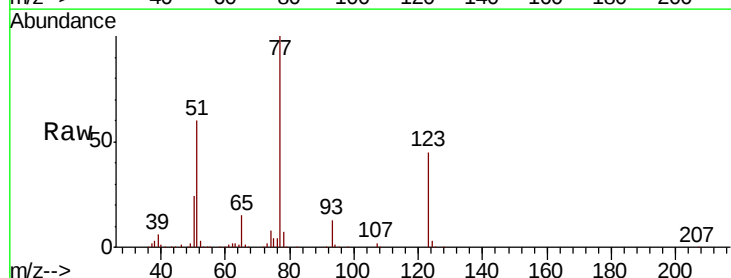
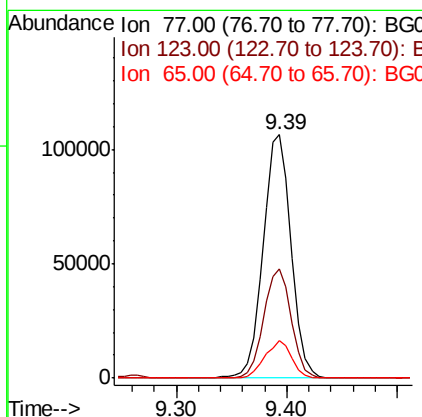
Manual Integrations
APPROVED

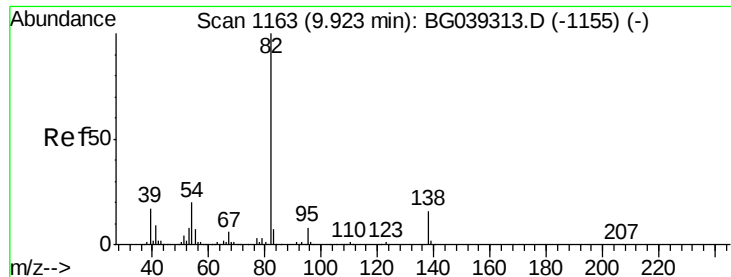
Sohil
2/13/2019 9:56:47 AM



#24
Nitrobenzene
Concen: 44.224 ng
RT: 9.39 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.0	34.1	51.1
65	15.2	12.3	18.5





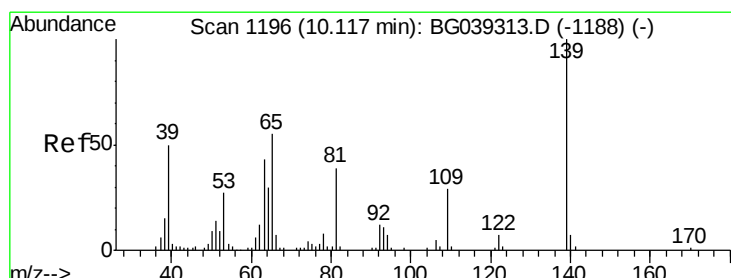
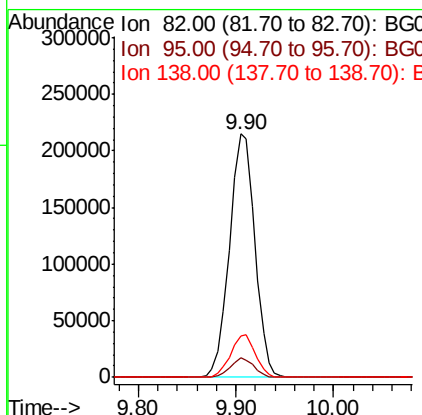
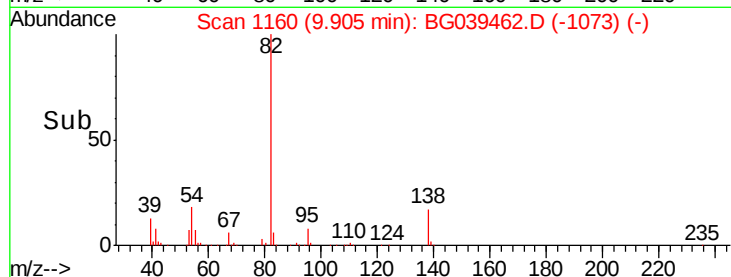
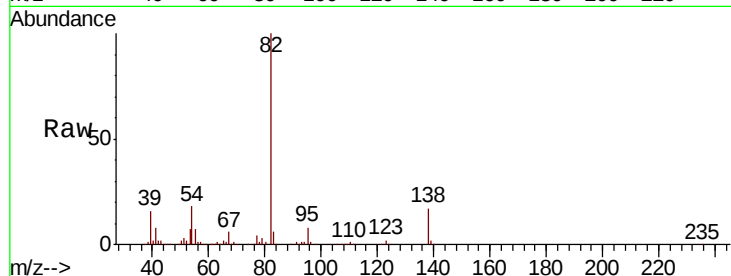
#25
Isophorone
Concen: 44.451 ng
RT: 9.90 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Instrument :
BNA_G
ClientSampleId :
PB117032BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
82	100				
95	7.9		6.2	9.2	
138	16.9		13.0	19.4	

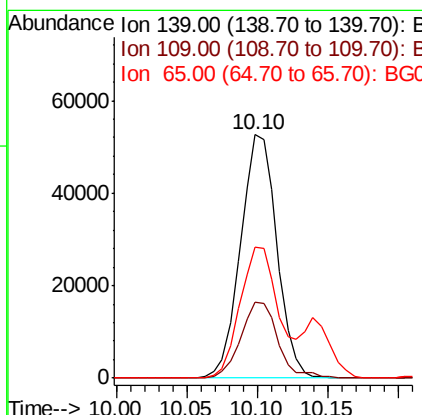
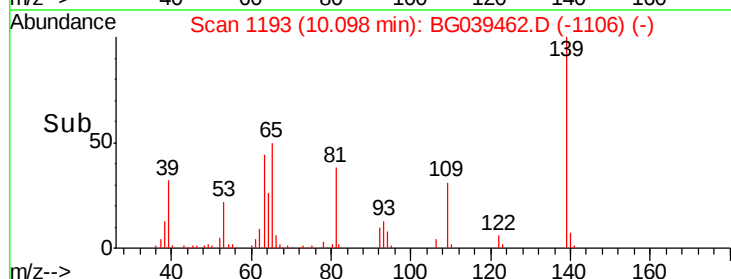
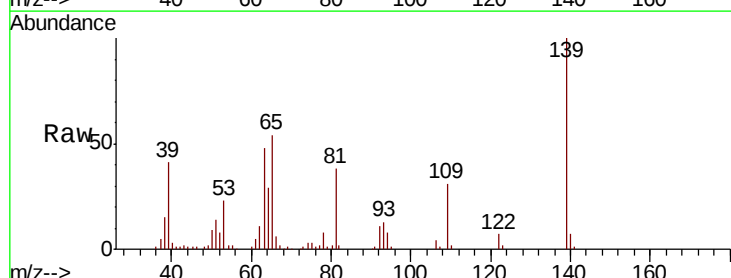
Manual Integrations
APPROVED

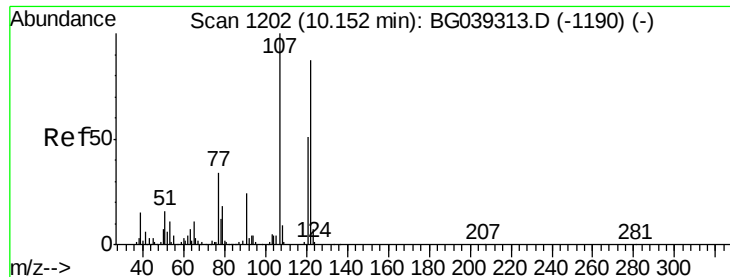
Sohil
2/13/2019 9:56:47 AM



#26
2-Nitrophenol
Concen: 54.498 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.02 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
139	100				
109	31.4		23.4	35.0	
65	53.8		44.3	66.5	





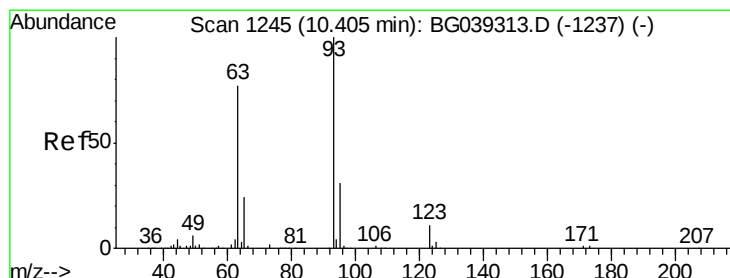
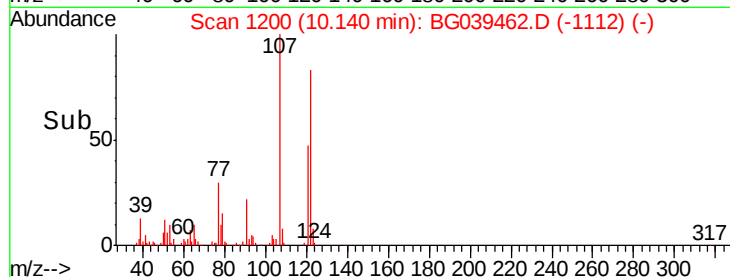
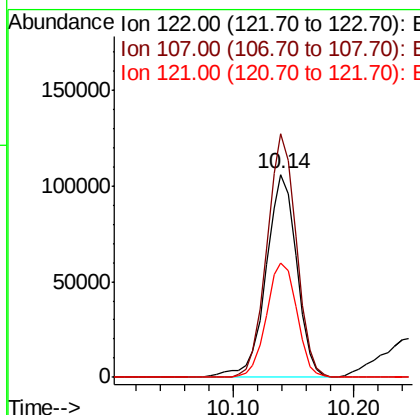
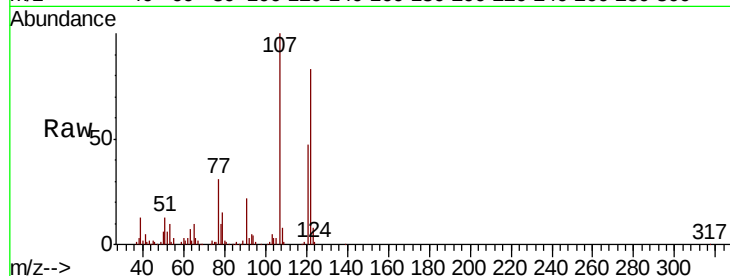
#27
2,4-Dimethylphenol
Concen: 52.637 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Instrument :
BNA_G
ClientSampleId :
PB117032BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	185667		
107	120.0	91.7	137.5	
121	56.4	46.4	69.6	

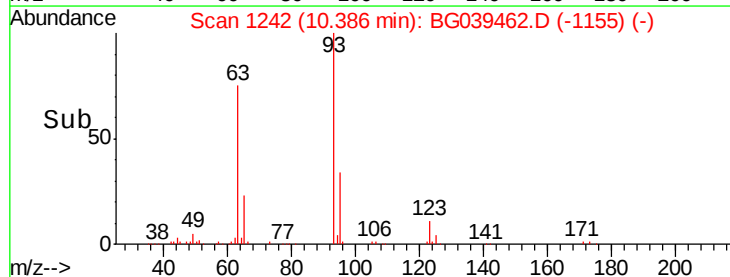
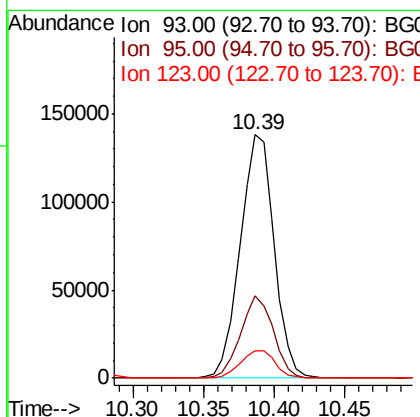
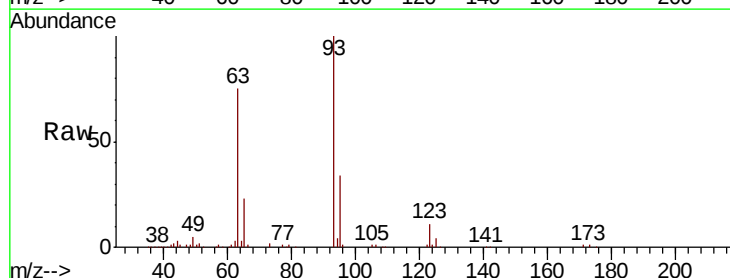
Manual Integrations
APPROVED

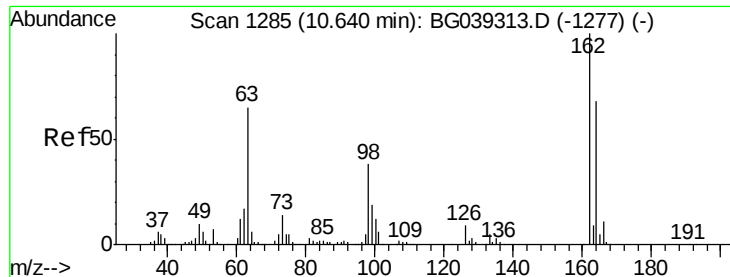
Sohil
2/13/2019 9:56:47 AM



#28
bis(2-Chloroethoxy)methane
Concen: 43.206 ng
RT: 10.39 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	232054		
95	34.0	25.0	37.4	
123	11.5	8.6	12.8	





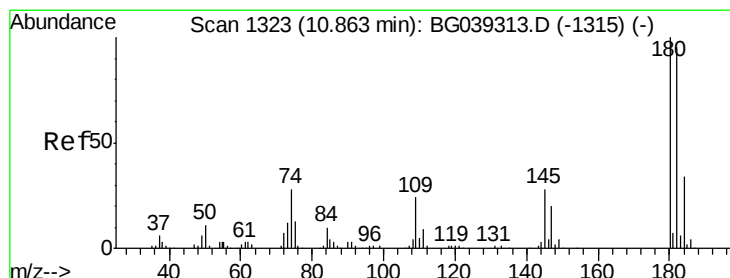
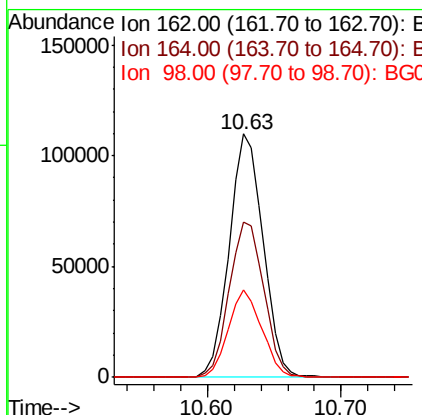
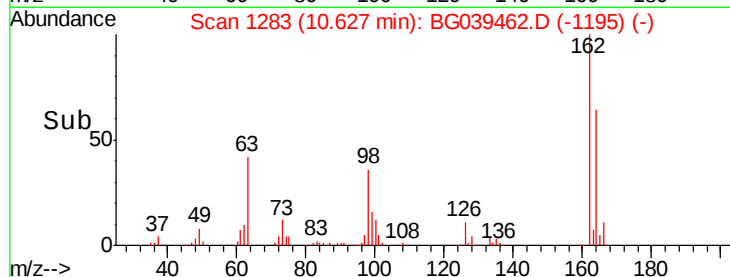
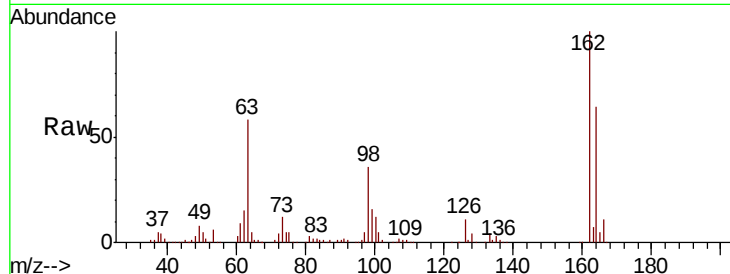
#29
2,4-Dichlorophenol
Concen: 50.292 ng
RT: 10.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Instrument :
BNA_G
ClientSampled :
PB117032BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.9	48.1	88.1
98	35.9	18.1	58.1

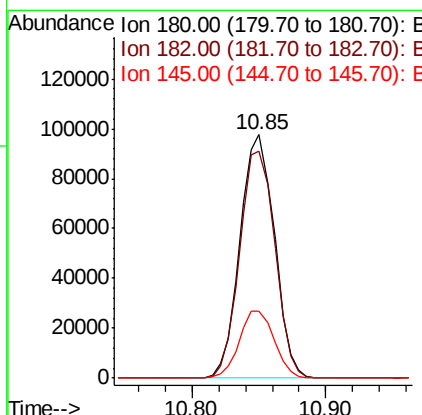
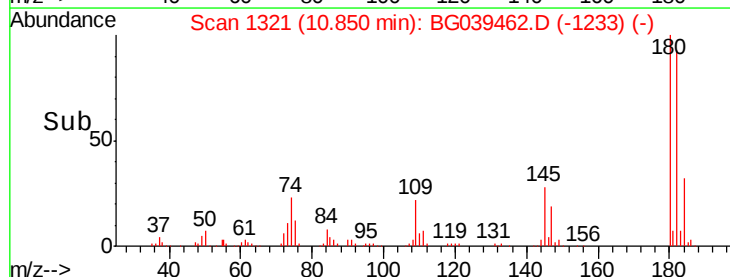
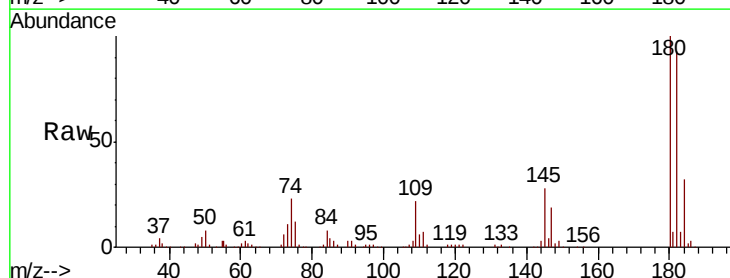
Manual Integrations
APPROVED

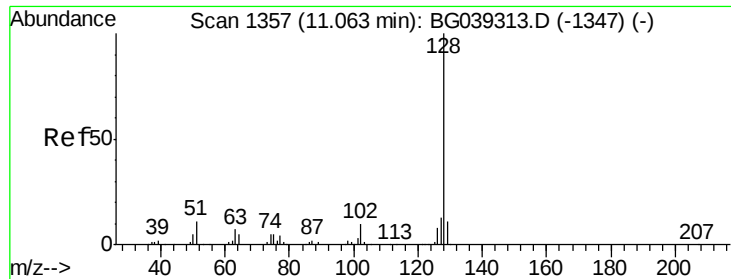
Sohil
2/13/2019 9:56:47 AM



#30
1,2,4-Trichlorobenzene
Concen: 40.164 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.4	76.0	114.0
145	27.6	22.7	34.1





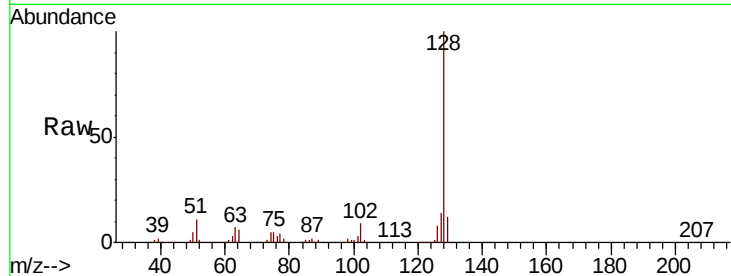
#31
Naphthalene
Concen: 42.354 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Instrument :
BNA_G
ClientSampleId :
PB117032BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	516505		
129	11.5	8.7	13.1	
127	14.1	10.8	16.2	

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:47 AM

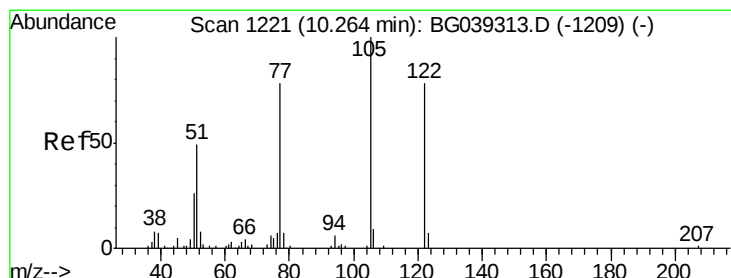
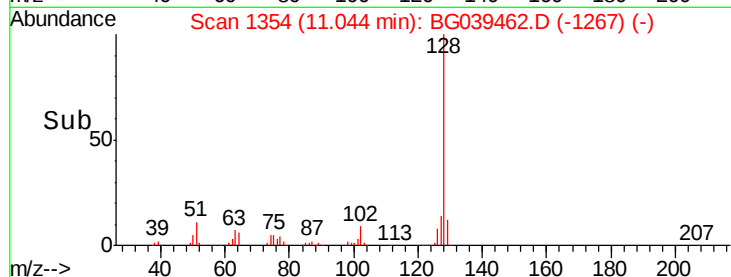
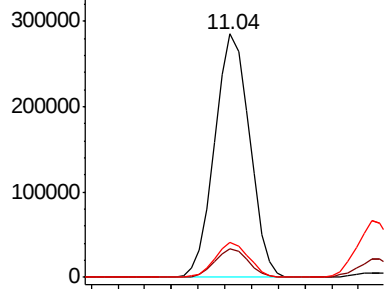


Abundance

Ion 128.00 (127.70 to 128.70): E

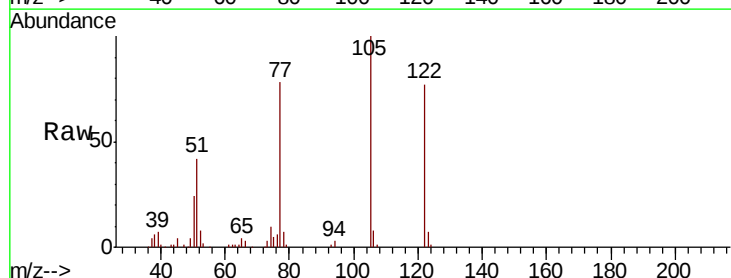
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 49.108 ng
RT: 10.27 min Scan# 1222
Delta R.T. 0.01 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	114020		
105	129.5	101.8	141.8	
77	101.6	76.3	116.3	

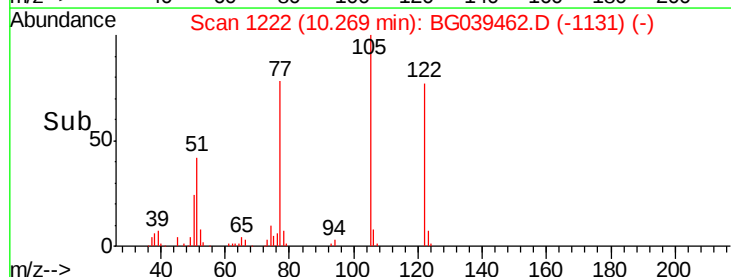
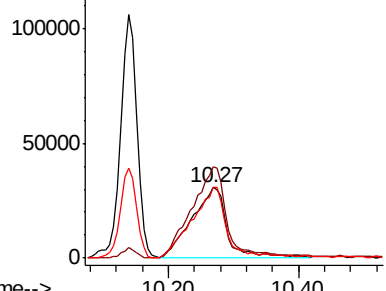


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO





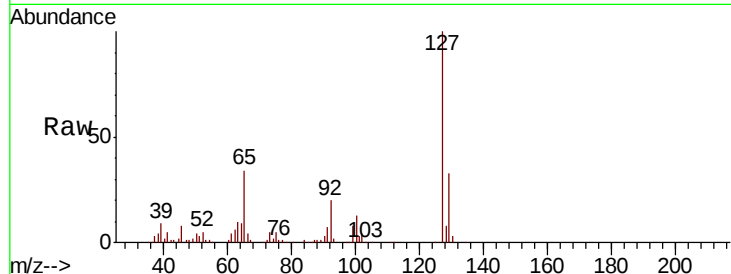
#33
4-Chloroaniline
Concen: 21.892 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Instrument :
BNA_G
ClientSampled :
PB117032BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	27.0	40.4		
65	33.8	28.8	43.2		
92	20.5	16.6	25.0		

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:47 AM



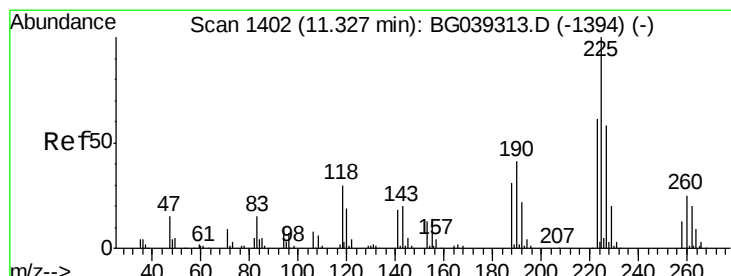
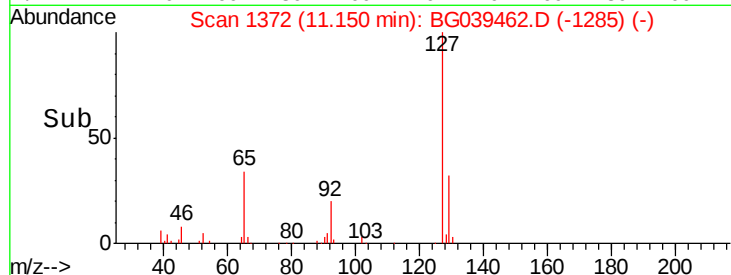
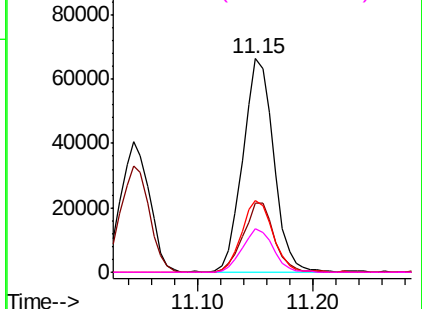
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

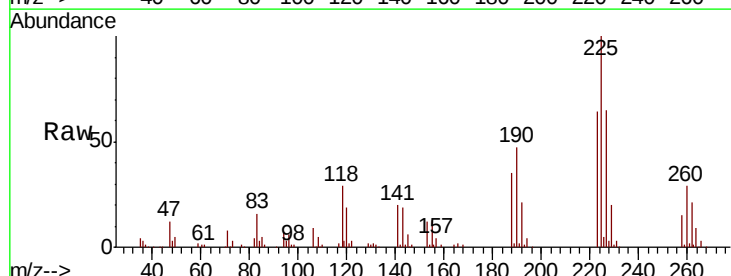
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 37.554 ng
RT: 11.31 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.6	49.0	73.6		
227	65.2	46.3	69.5		

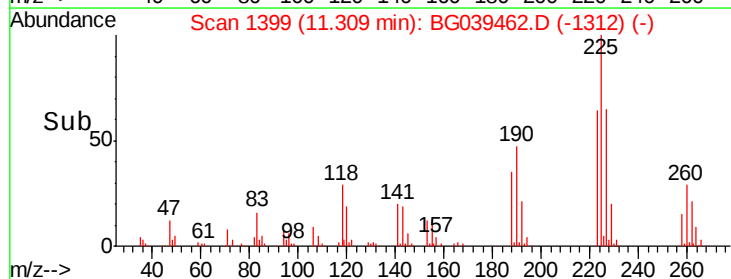
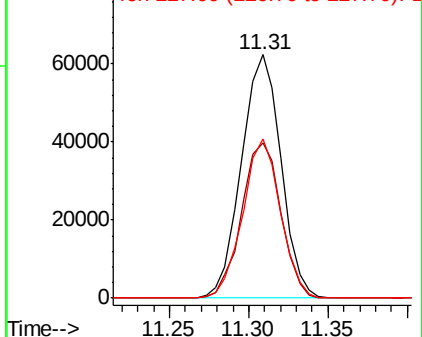


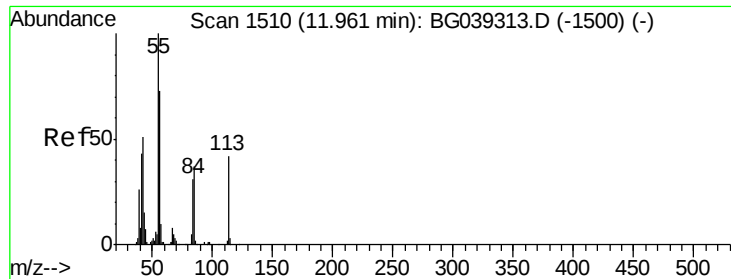
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 44.292 ng/ml

RT: 11.94 min Scan# 1507

Delta R.T. -0.02 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

Instrument :

BNA_G

ClientSampled :

PB117032BS

Tot Ion:113 Resp: 70658

Ion Ratio Lower Upper

113 100

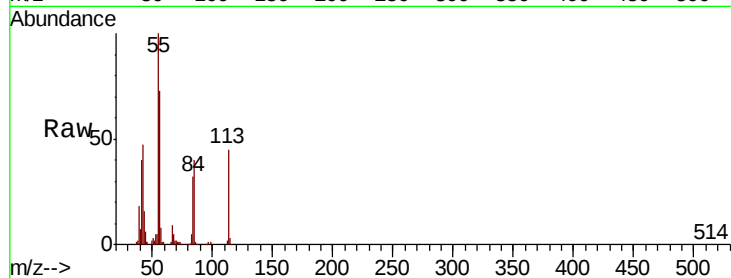
55 221.6 216.9 256.9

56 160.7 152.6 192.6

Manual Integrations
APPROVED

Sohil

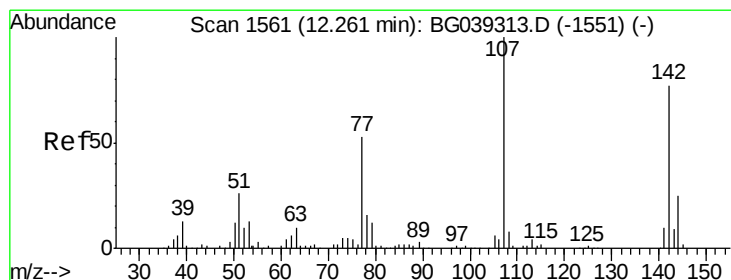
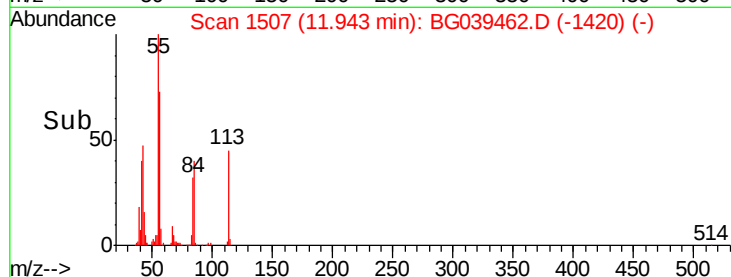
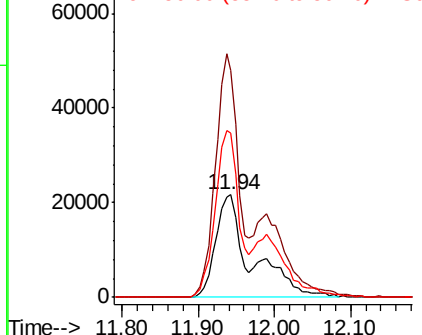
2/13/2019 9:56:47 AM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG039313.D (-1500) (-)

Ion 56.00 (55.70 to 56.70): BG039313.D (-1500) (-)



#36

4-Chloro-3-methylphenol

Concen: 49.758 ng/ml

RT: 12.25 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

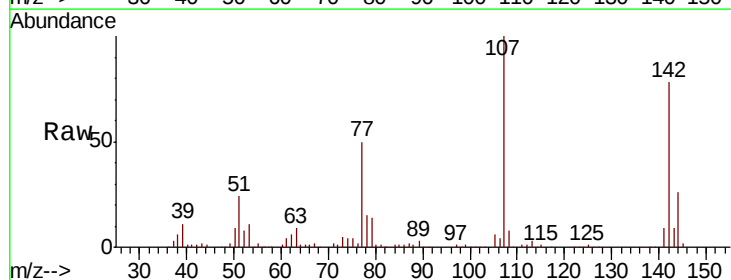
Tgt Ion:107 Resp: 221844

Ion Ratio Lower Upper

107 100

144 25.9 20.2 30.2

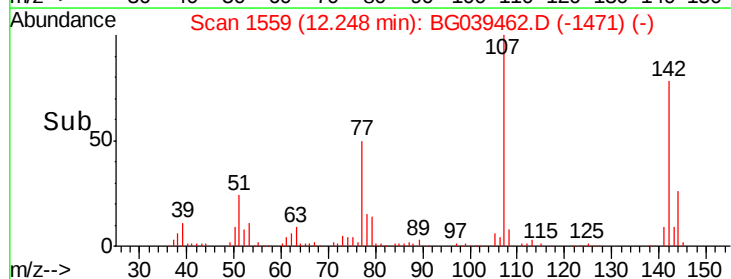
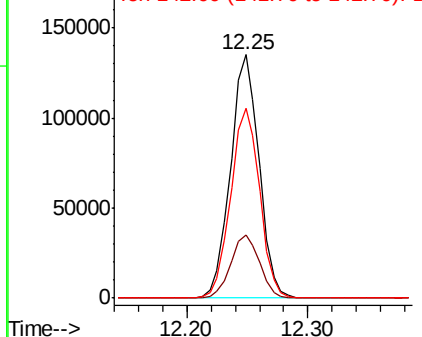
142 78.0 61.4 92.2



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





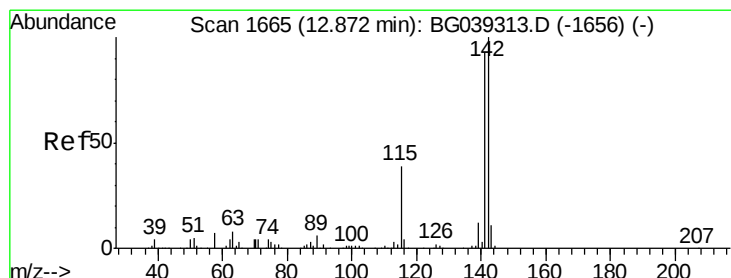
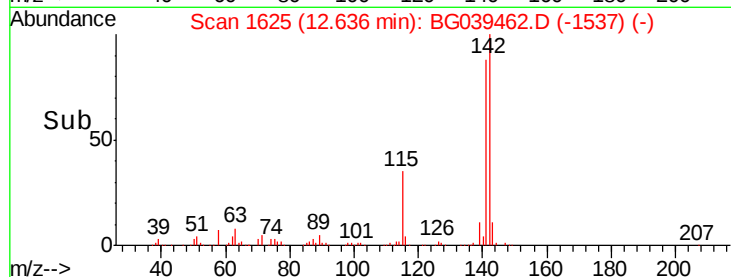
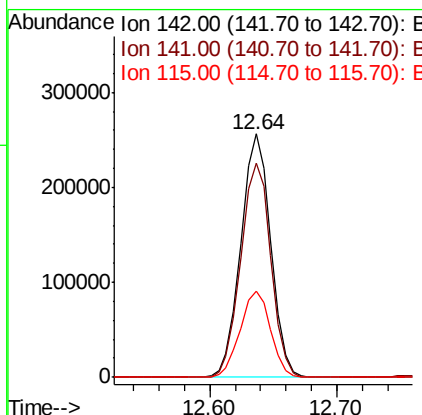
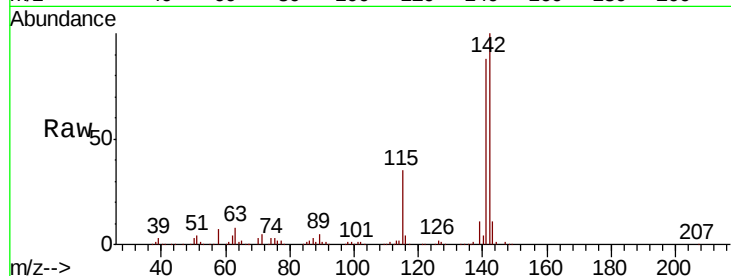
#37
2-Methylnaphthalene
Concen: 46.303 ng
RT: 12.64 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Instrument :
BNA_G
ClientSampleId :
PB117032BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	73.5	110.3
115	35.3	30.8	46.2

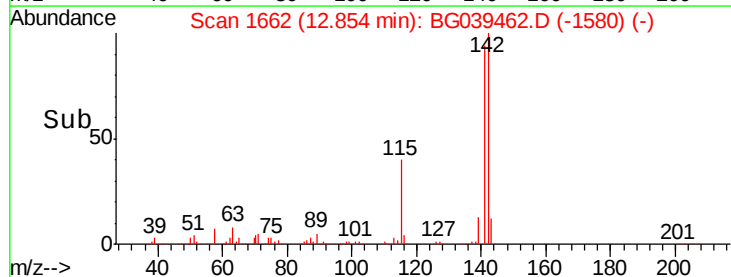
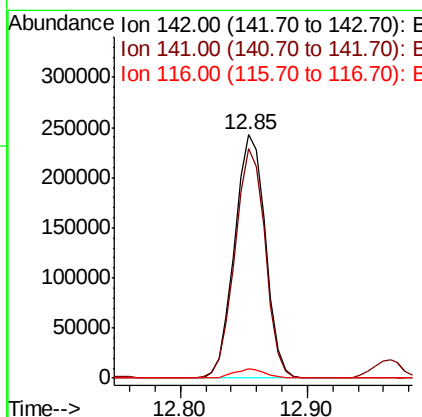
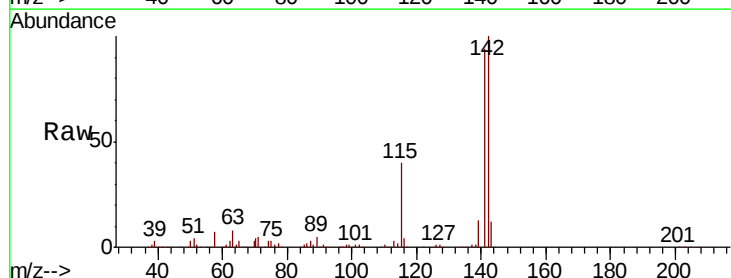
Manual Integrations
APPROVED

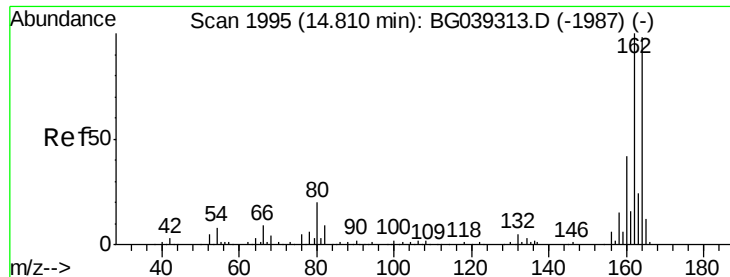
Sohil
2/13/2019 9:56:47 AM



#38
1-Methylnaphthalene
Concen: 46.766 ng
RT: 12.85 min Scan# 1662
Delta R.T. -0.02 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.4	74.2	111.4
116	4.0	3.0	4.6





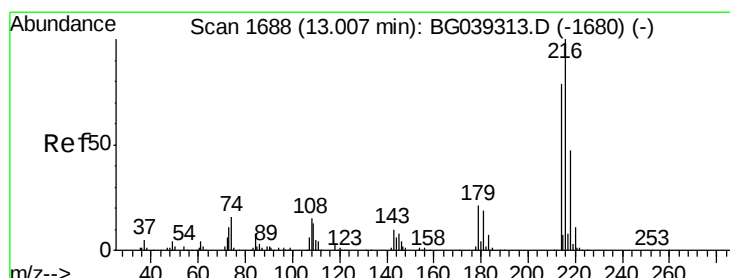
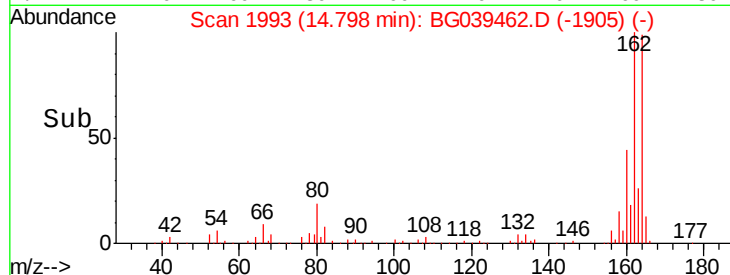
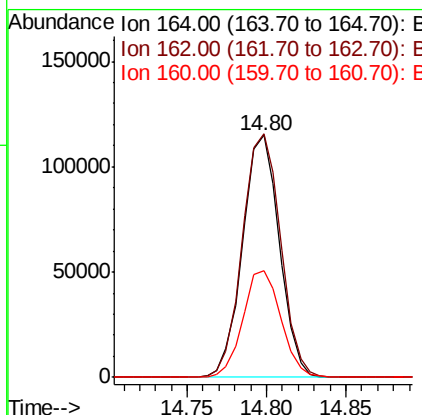
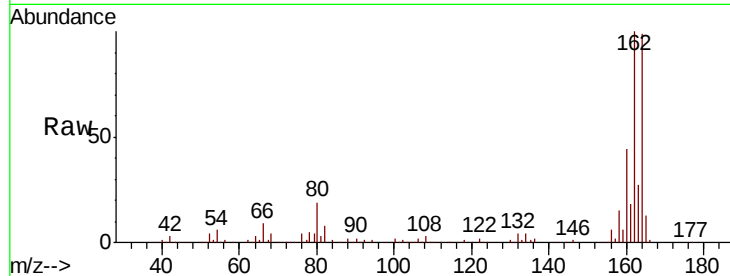
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Instrument :
BNA_G
ClientSampleId :
PB117032BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	185111		
162	100.6	81.6	122.4	
160	44.0	34.2	51.2	

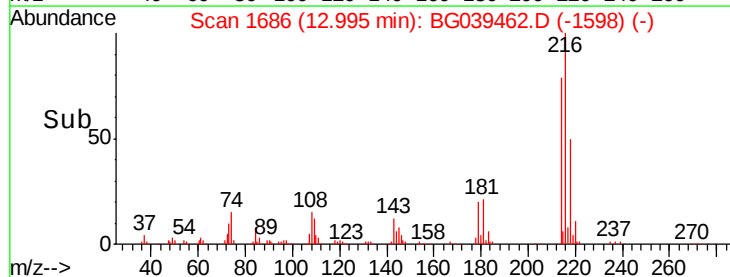
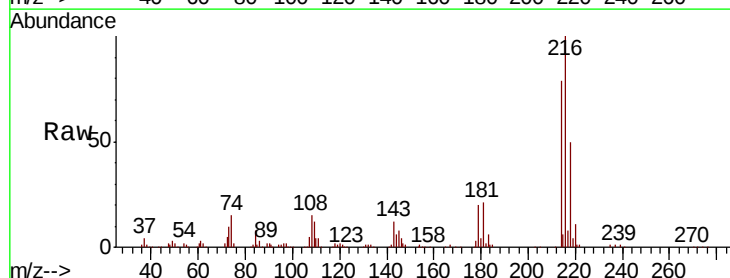
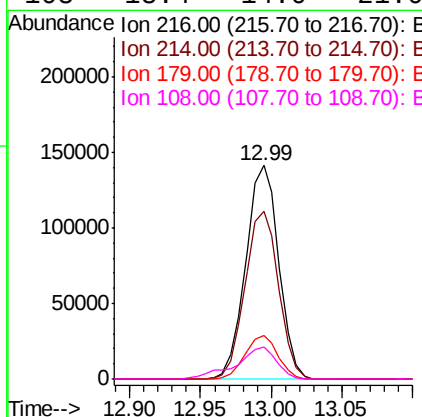
Manual Integrations
APPROVED

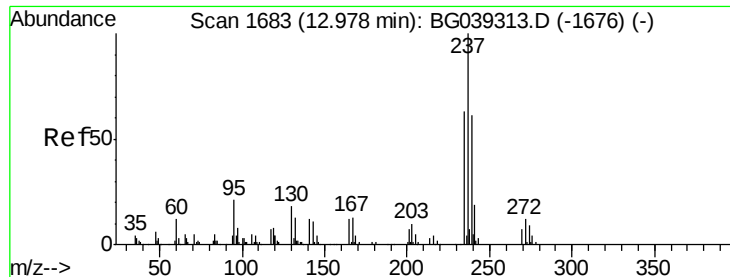
Sohil
2/13/2019 9:56:47 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.266 ng
RT: 12.99 min Scan# 1686
Delta R.T. -0.01 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	231266		
214	80.0	62.6	94.0	
179	20.2	16.6	25.0	
108	18.4	14.0	21.0	





#41

Hexachlorocyclopentadiene

Concen: 88.509 ng

RT: 12.97 min Scan# 1681

Delta R.T. -0.01 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

Instrument :

BNA_G

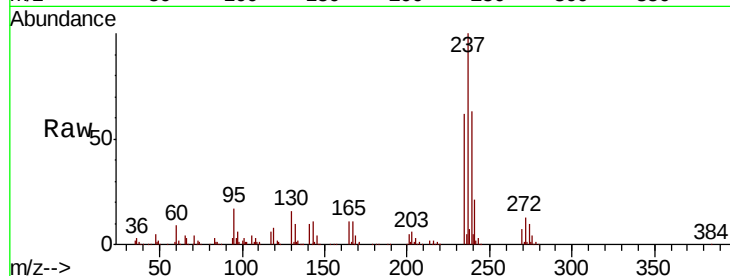
ClientSampleId :

PB117032BS

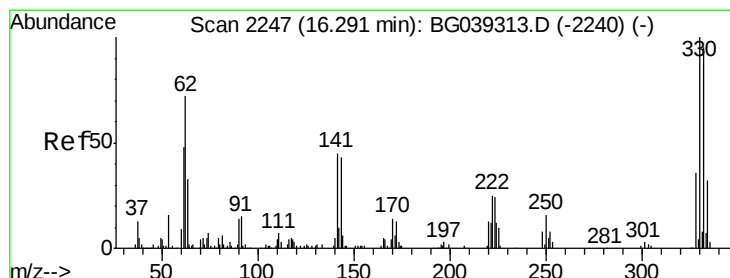
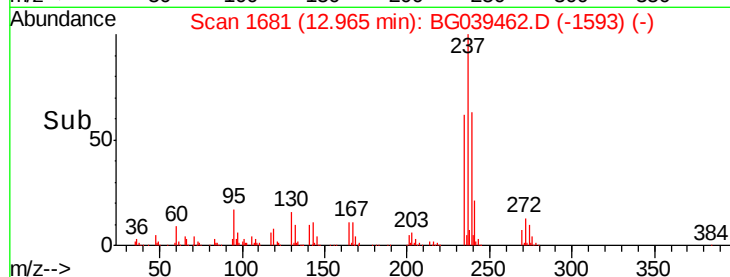
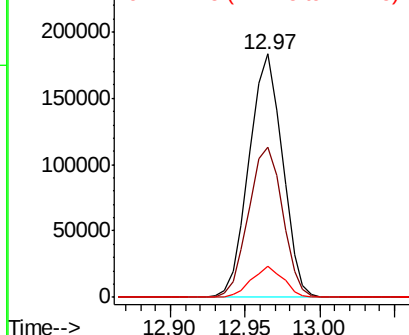
Tot Ion:	237	Resp:	284060
Ion Ratio	Lower	Upper	
237	100		
235	61.7	43.3	83.3
272	12.6	0.0	32.3

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:47 AM



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 168.659 ng

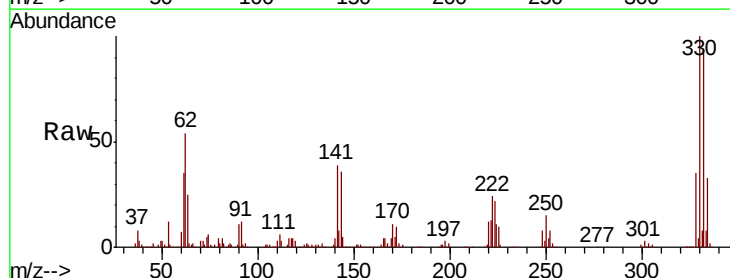
RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

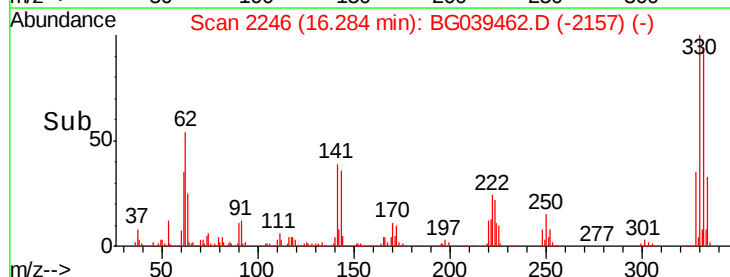
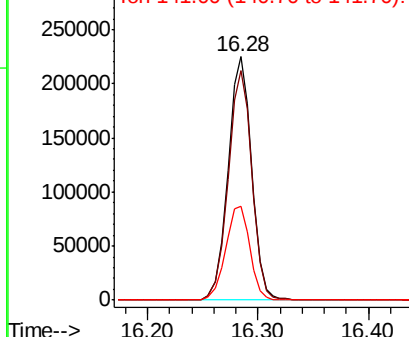
Lab File: BG039462.D

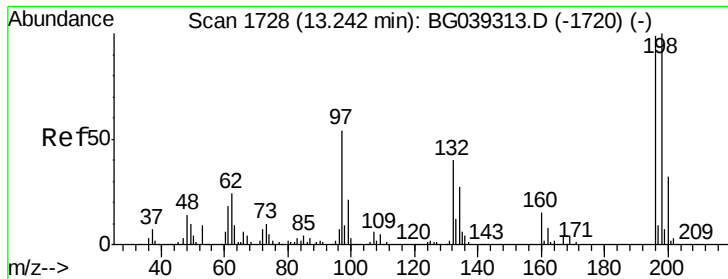
Acq: 12 Feb 2019 13:53

Tgt Ion:	330	Resp:	336193
Ion Ratio	Lower	Upper	
330	100		
332	94.7	75.7	113.5
141	39.8	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





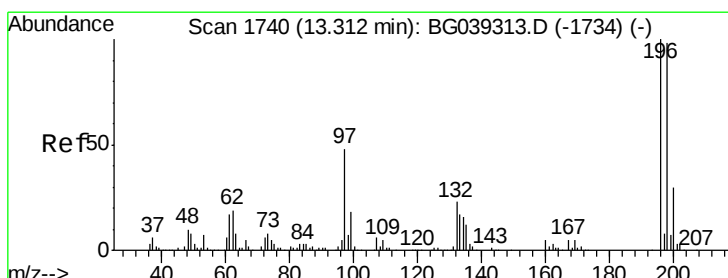
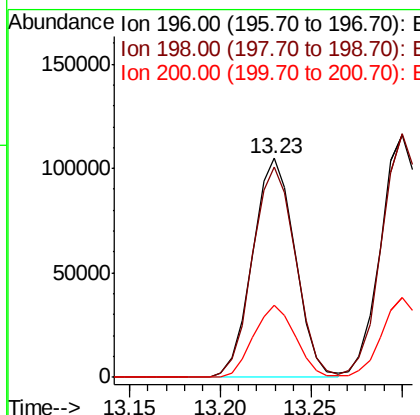
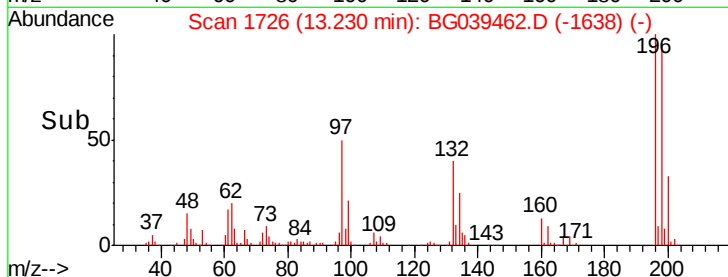
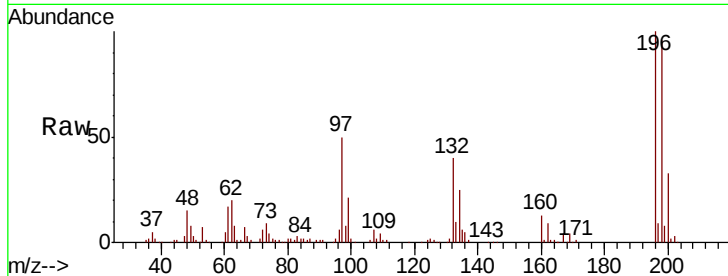
#43
 2,4,6-Trichlorophenol
 Concen: 47.129 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BG039462.D
 Acq: 12 Feb 2019 13:53

Instrument :
 BNA_G
 ClientSampleId :
 PB117032BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	170667		
198	96.1	80.6	121.0	
200	32.9	26.1	39.1	

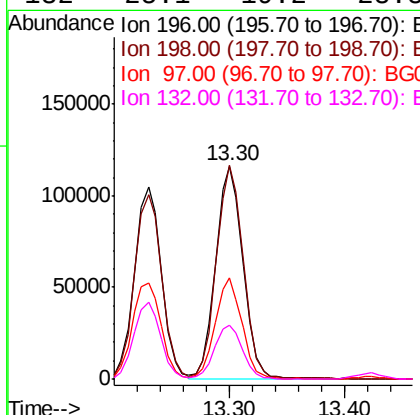
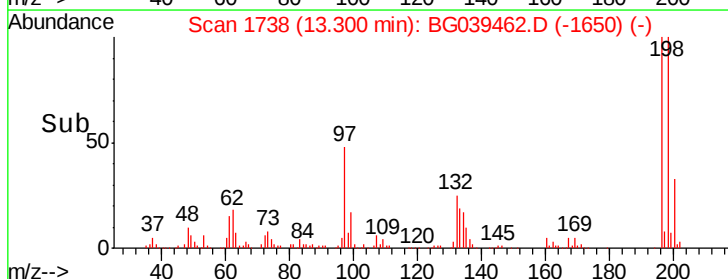
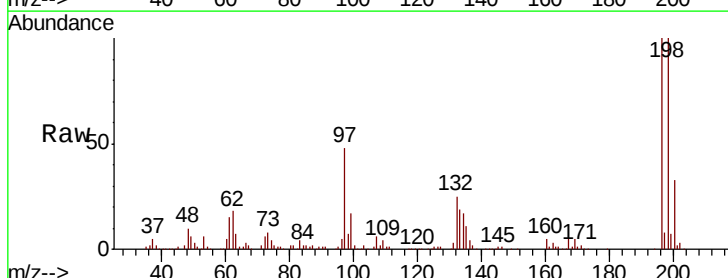
Manual Integrations
 APPROVED

Sohil
 2/13/2019 9:56:47 AM



#44
 2,4,5-Trichlorophenol
 Concen: 49.641 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG039462.D
 Acq: 12 Feb 2019 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	188407		
198	100.5	78.5	117.7	
97	47.8	38.4	57.6	
132	25.1	19.2	28.8	





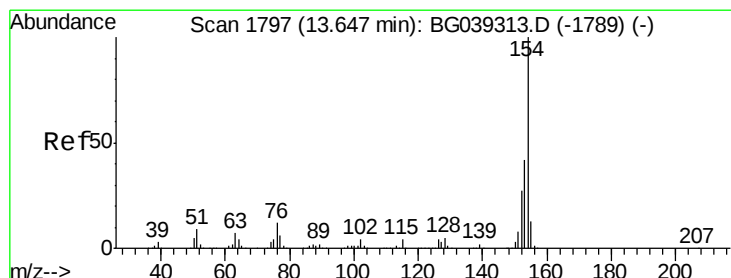
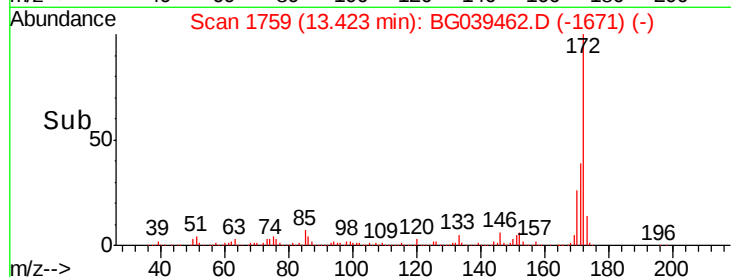
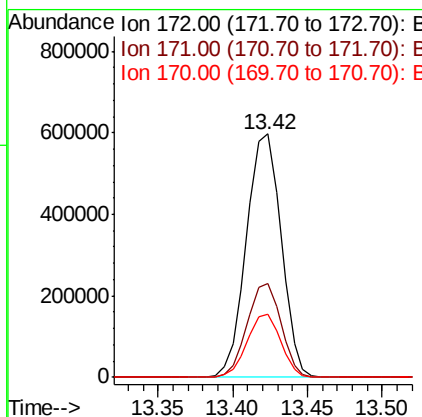
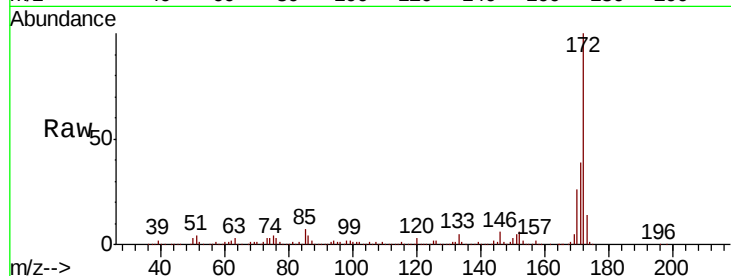
#45
 2-Fluorobiphenyl
 Concen: 74.607 ng
 RT: 13.42 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BG039462.D
 Acq: 12 Feb 2019 13:53

Instrument :
 BNA_G
 ClientSampleId :
 PB117032BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.8	46.2
170	25.7	20.2	30.4

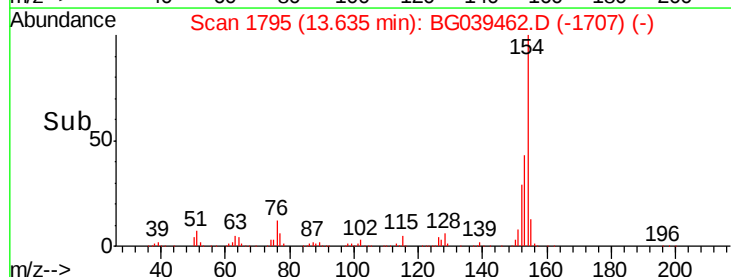
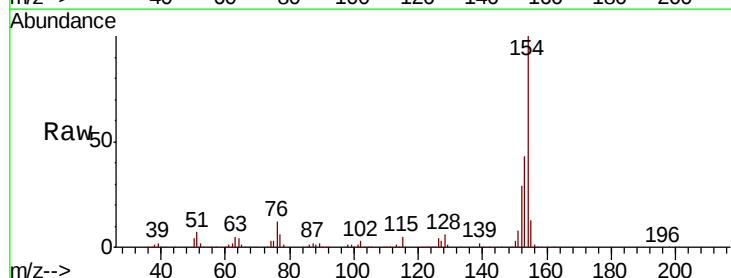
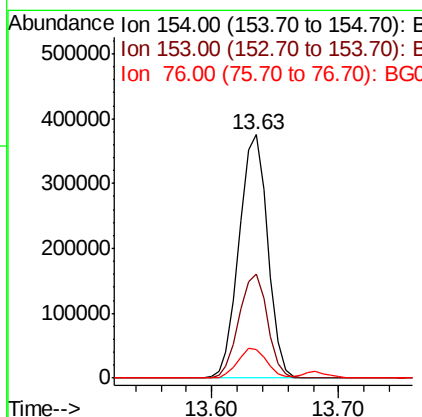
Manual Integrations
 APPROVED

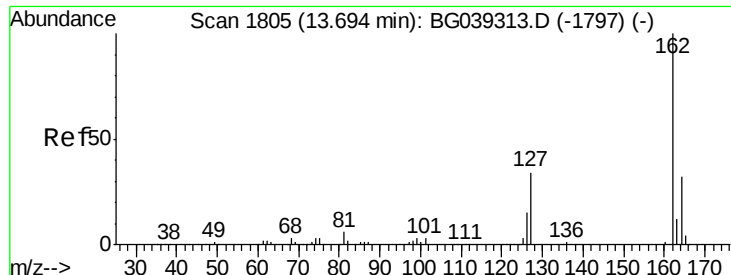
Sohil
 2/13/2019 9:56:47 AM



#46
 1,1'-Biphenyl
 Concen: 38.004 ng
 RT: 13.63 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG039462.D
 Acq: 12 Feb 2019 13:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	22.1	62.1
76	11.7	0.0	32.4





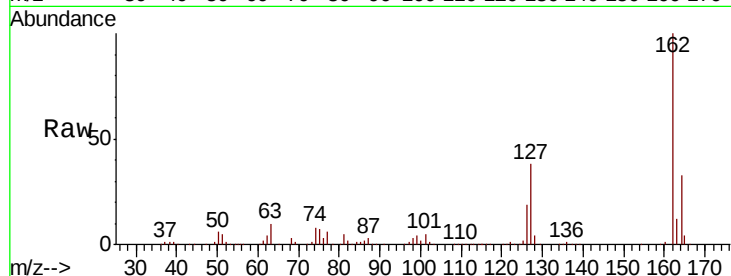
#47
 2-Chloronaphthalene
 Concen: 39.084 ng
 RT: 13.68 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BG039462.D
 Acq: 12 Feb 2019 13:53

Instrument :
 BNA_G
 ClientSampleId :
 PB117032BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		452843		
127	38.0		31.0	46.6	
164	32.5		25.7	38.5	

Manual Integrations
 APPROVED

Sohil
 2/13/2019 9:56:47 AM

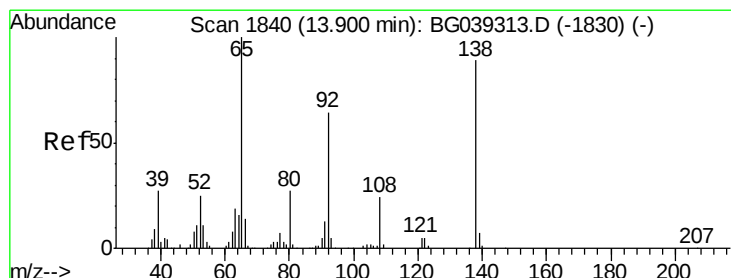
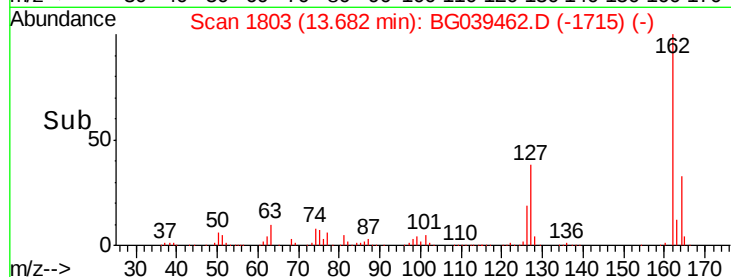
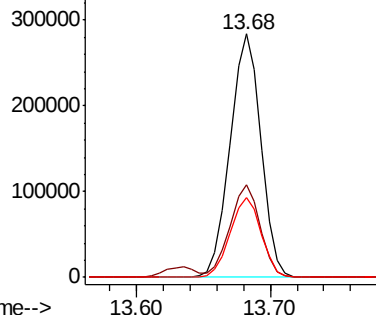


Abundance

Ion 162.00 (161.70 to 162.70): E

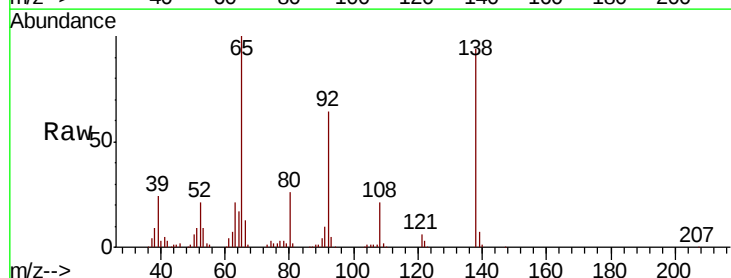
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 48.112 ng
 RT: 13.89 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BG039462.D
 Acq: 12 Feb 2019 13:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		160210		
92	64.1		51.4	77.2	
138	94.3		71.4	107.2	

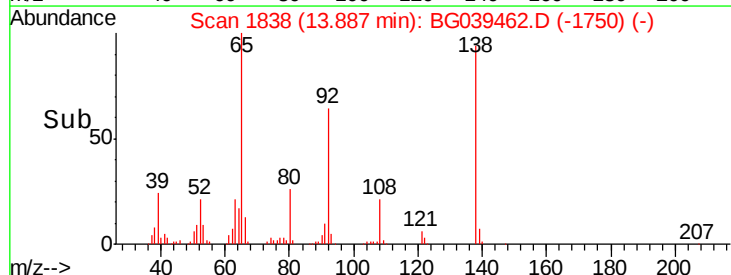
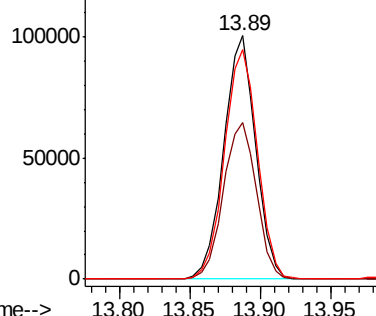


Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





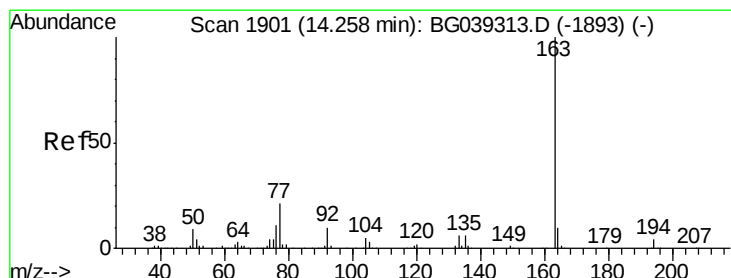
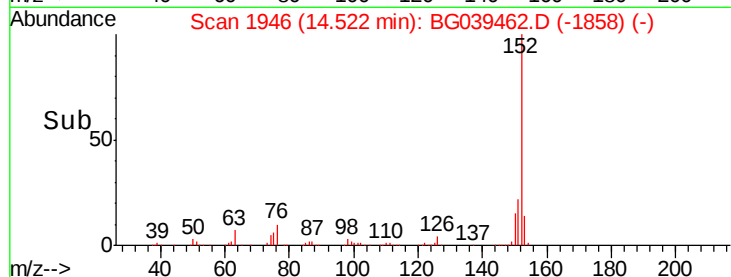
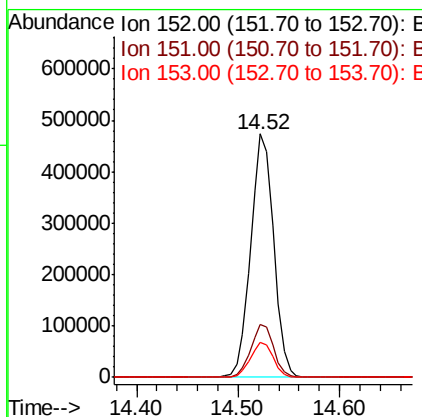
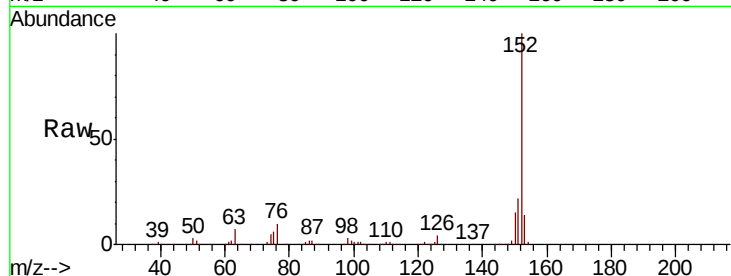
#49
Acenaphthylene
Concen: 42.475 ng
RT: 14.52 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Instrument :
BNA_G
ClientSampleId :
PB117032BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.6	16.8	25.2
153	14.1	11.7	17.5

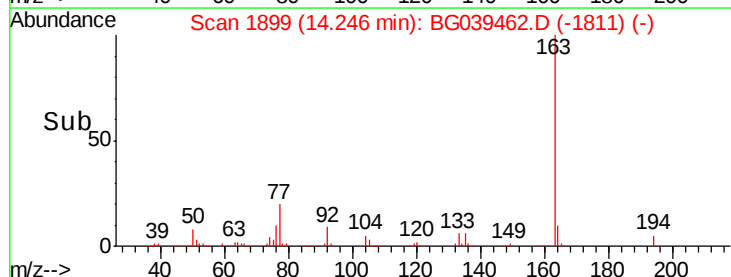
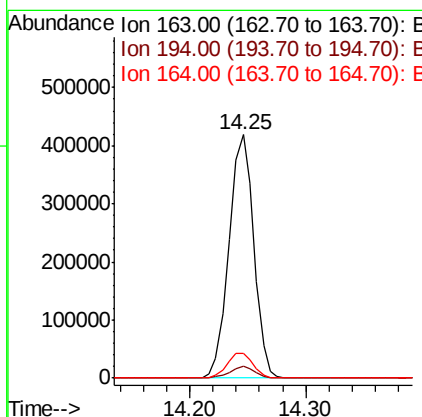
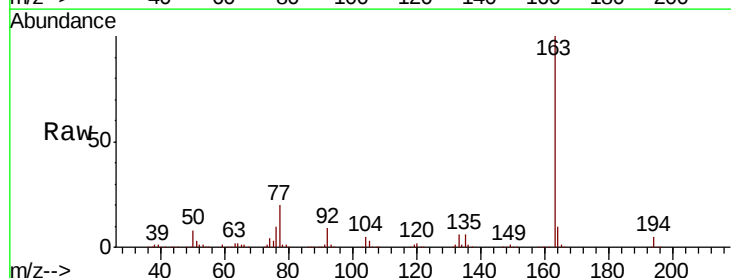
Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:47 AM



#50
Dimethylphthalate
Concen: 41.489 ng
RT: 14.25 min Scan# 1899
Delta R.T. -0.01 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.6	5.4
164	10.2	8.4	12.6





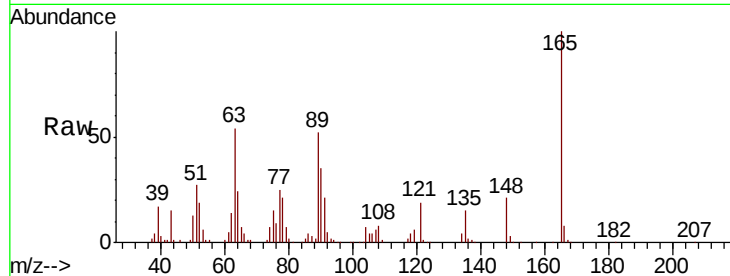
#51
2,6-Dinitrotoluene
Concen: 50.886 ng
RT: 14.38 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Instrument :
BNA_G
ClientSampleId :
PB117032BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	143458		
63	53.6	47.0	70.6	
89	52.2	45.8	68.8	

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:47 AM

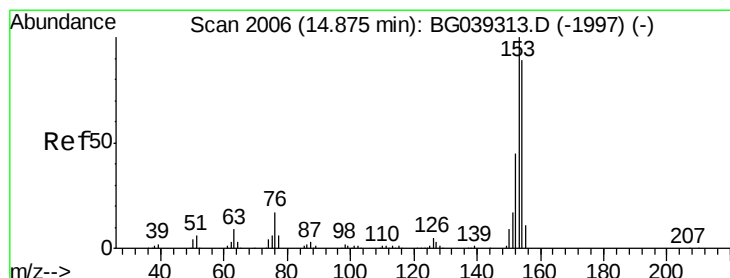
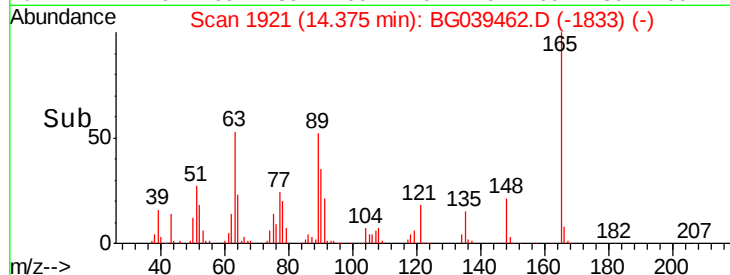
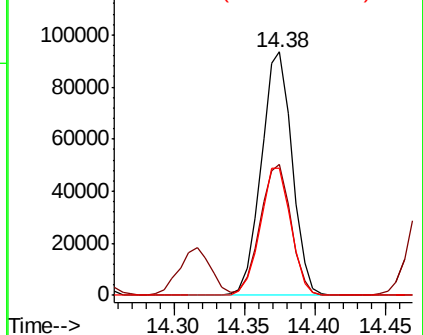


Abundance

Ion 165.00 (164.70 to 165.70): E

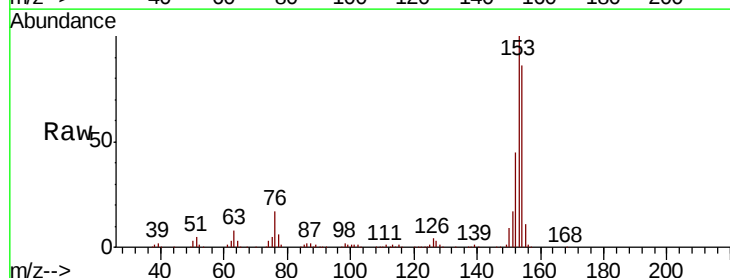
Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52
Acenaphthene
Concen: 39.621 ng
RT: 14.86 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	449643		
153	116.4	90.1	135.1	
152	52.1	40.9	61.3	

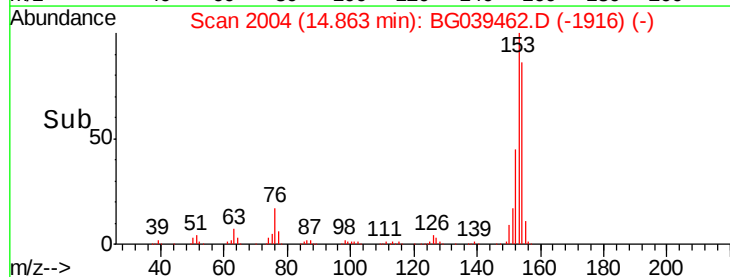
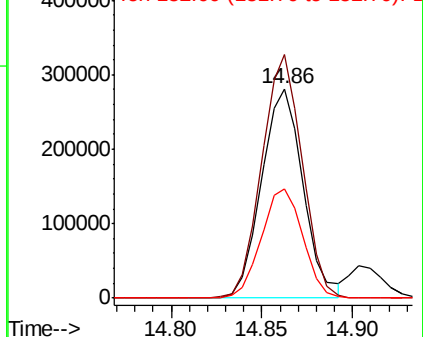


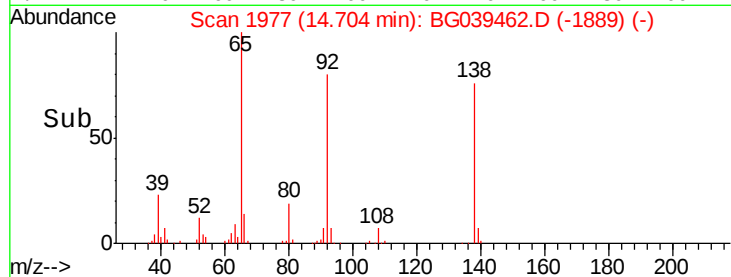
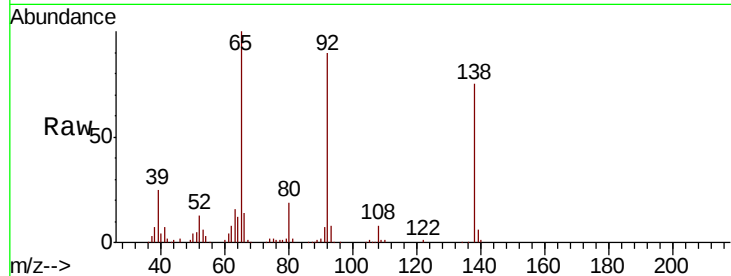
Abundance

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





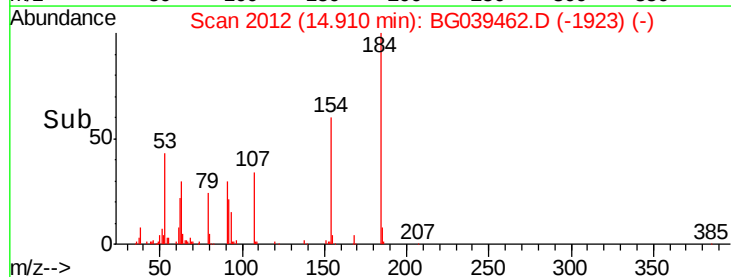
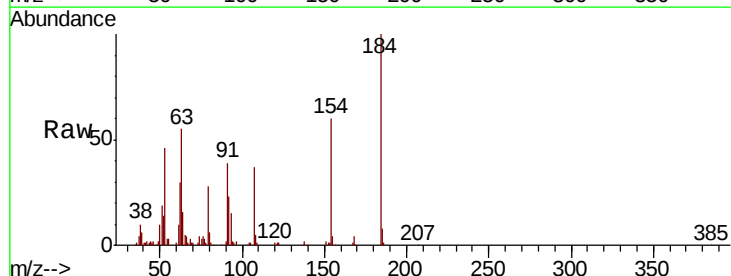
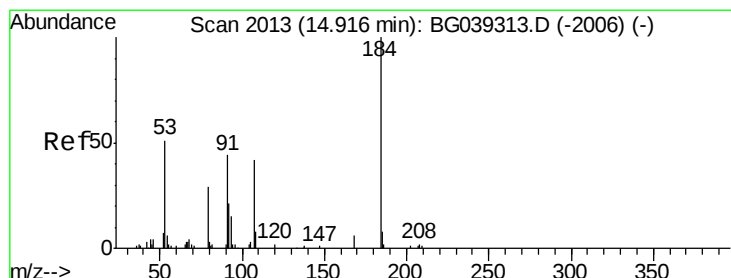
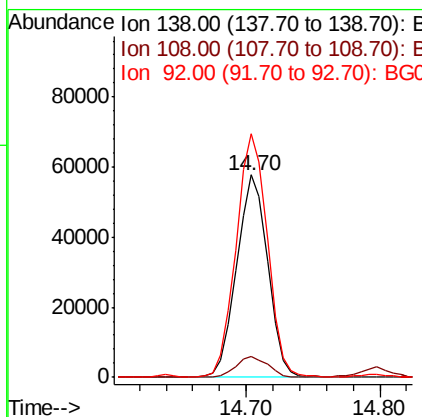
#53
3-Nitroaniline
Concen: 32.911 ng
RT: 14.70 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Instrument :
BNA_G
ClientSampleId :
PB117032BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	13.8	20.8#
92	120.2	103.7	155.5

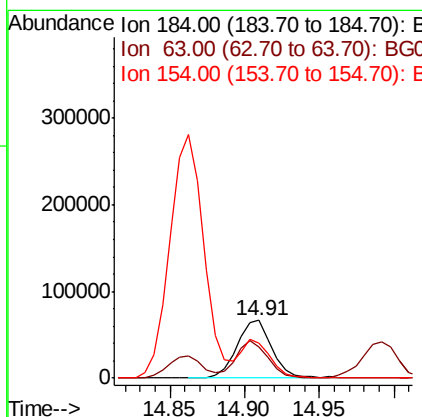
Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:47 AM



#54
2,4-Dinitrophenol
Concen: 84.849 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.9	50.9	76.3
154	60.1	53.0	79.6





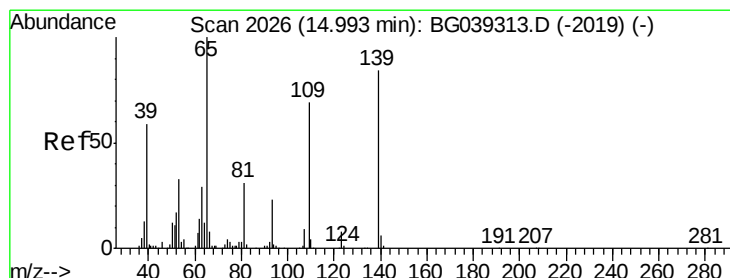
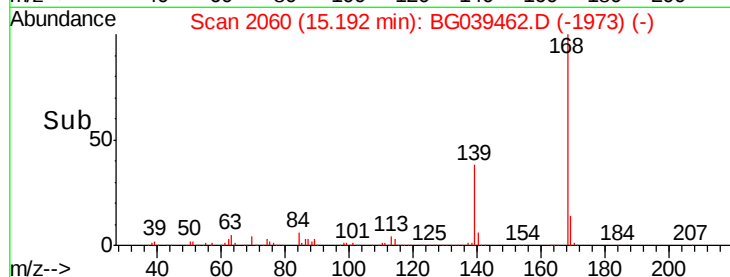
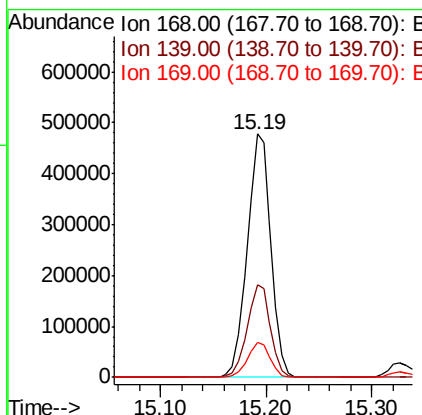
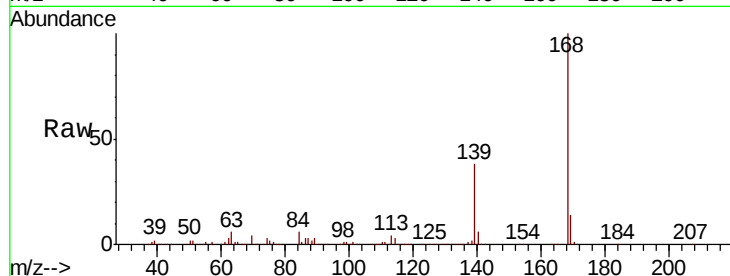
#55
Dibenzofuran
Concen: 40.590 ng
RT: 15.19 min Scan# 2060
Delta R.T. -0.02 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Instrument :
BNA_G
ClientSampleId :
PB117032BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.3	30.1	45.1
169	14.1	10.6	16.0

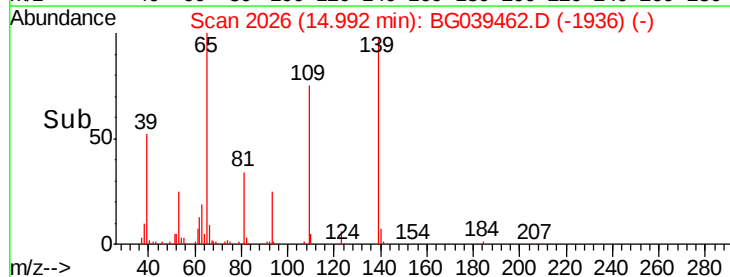
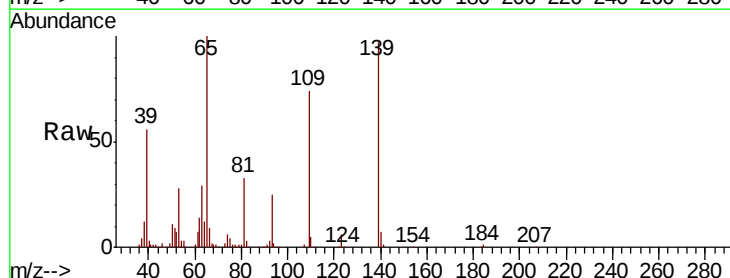
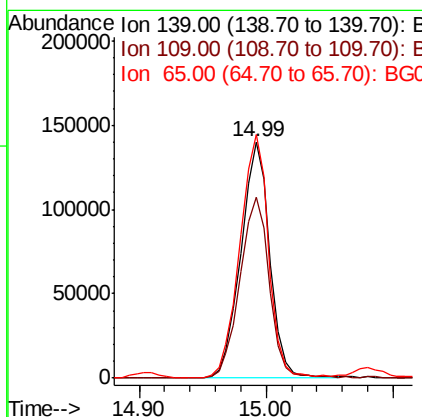
Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:47 AM



#56
4-Nitrophenol
Concen: 81.505 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.7	61.9	101.9
65	103.1	99.1	139.1





#57

2,4-Dinitrotoluene

Concen: 53.921 ng

RT: 15.16 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

Instrument :

BNA_G

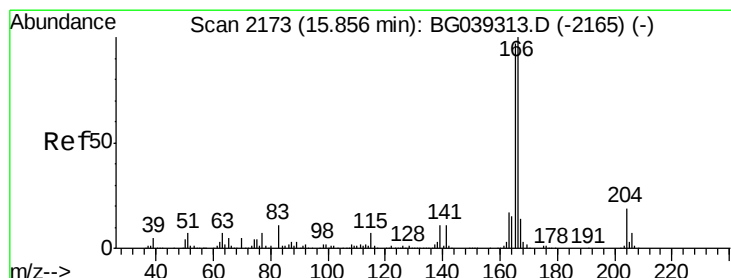
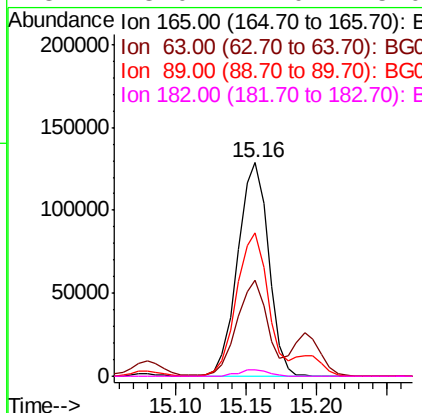
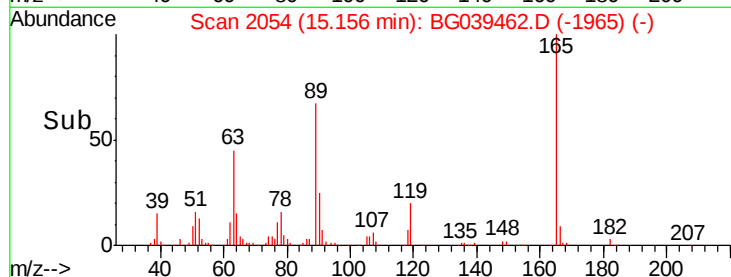
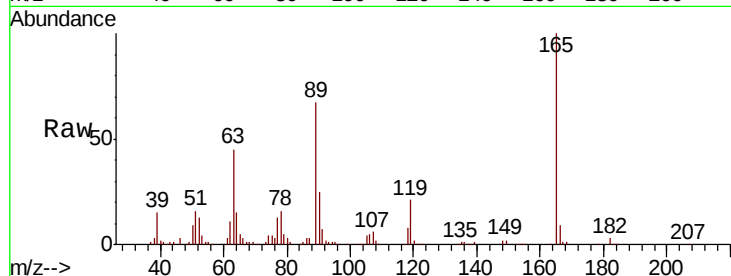
ClientSampleId :

PB117032BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	45.1	41.0	61.6
89	67.0	64.6	96.8
182	3.0	2.0	3.0#

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:47 AM



#58

Fluorene

Concen: 43.477 ng

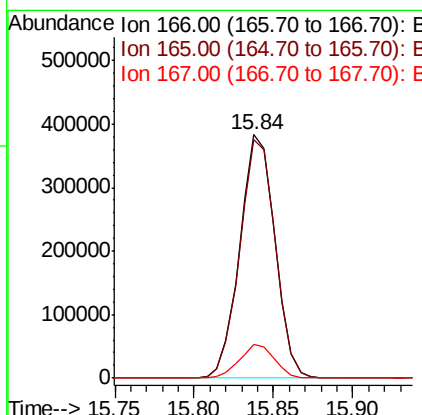
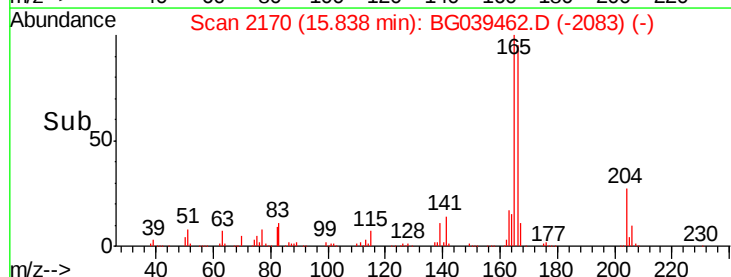
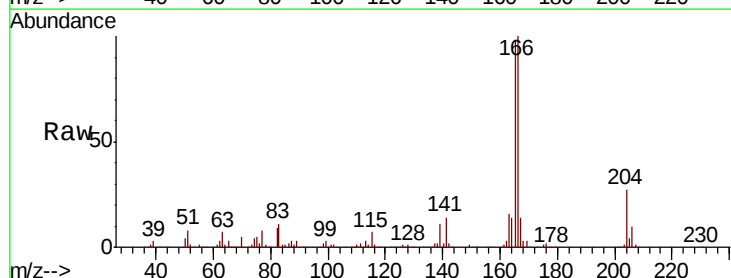
RT: 15.84 min Scan# 2170

Delta R.T. -0.02 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	98.0	77.9	116.9
167	13.6	10.8	16.2





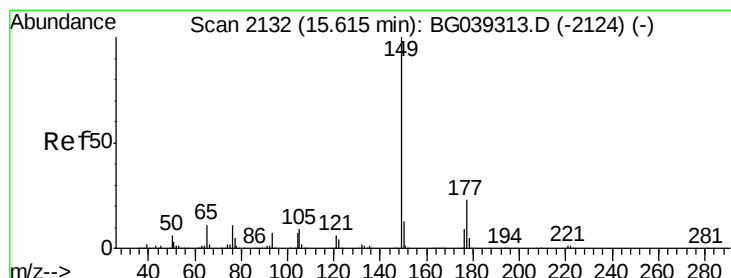
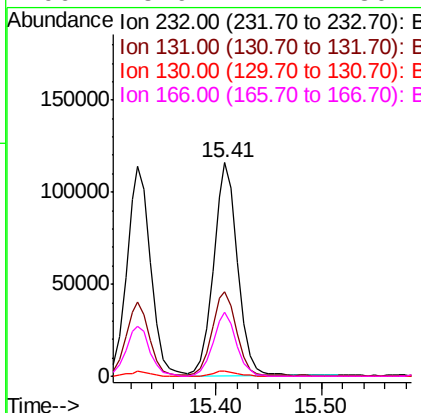
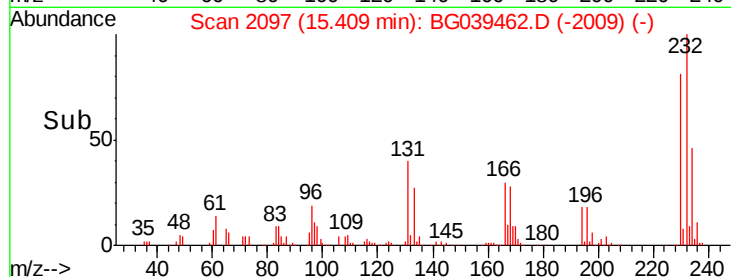
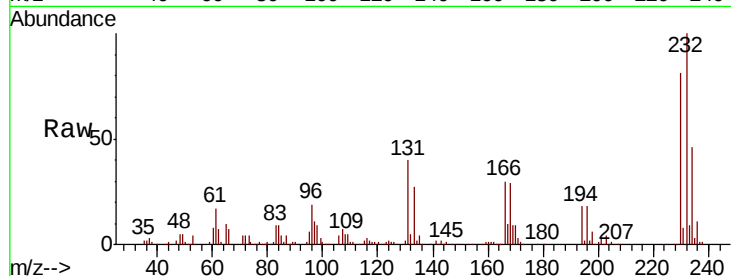
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.654 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BG039462.D
 Acq: 12 Feb 2019 13:53

Instrument :
 BNA_G
 ClientSampleId :
 PB117032BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	183563		
131	39.9		34.9	52.3
130	2.4		2.0	3.0
166	28.6		24.1	36.1

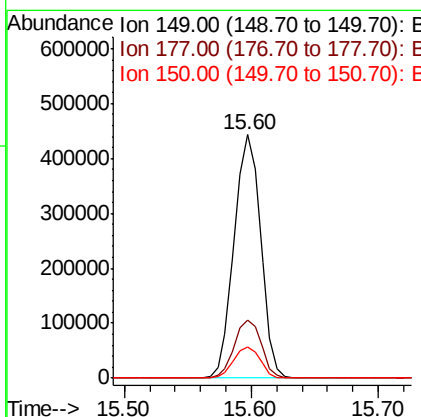
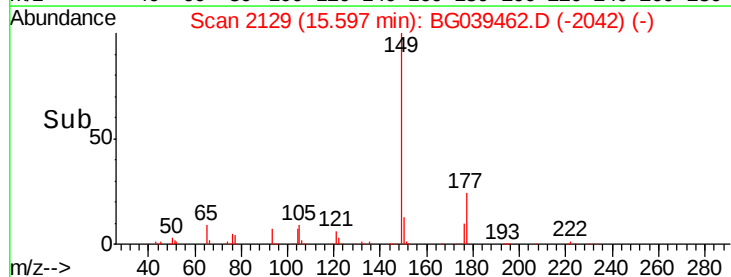
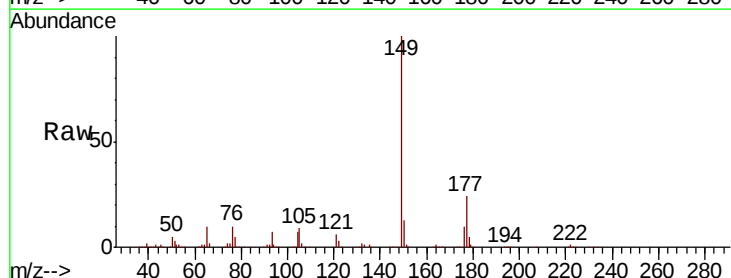
Manual Integrations
 APPROVED

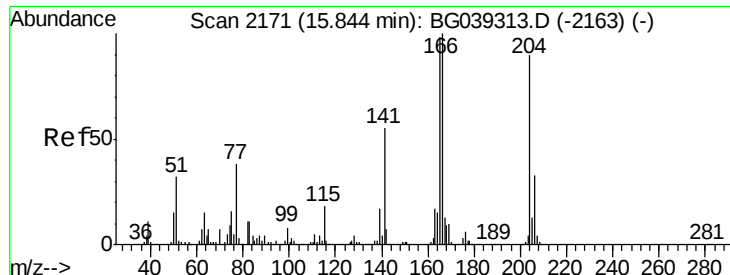
Sohil
 2/13/2019 9:56:47 AM



#60
 Diethylphthalate
 Concen: 41.406 ng
 RT: 15.60 min Scan# 2129
 Delta R.T. -0.02 min
 Lab File: BG039462.D
 Acq: 12 Feb 2019 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	640029		
177	24.1		18.3	27.5
150	13.0		10.2	15.2





#61

4-Chlorophenyl-phenylether

Concen: 41.236 ng

RT: 15.83 min Scan# 2168

Delta R.T. -0.02 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

Instrument :

BNA_G

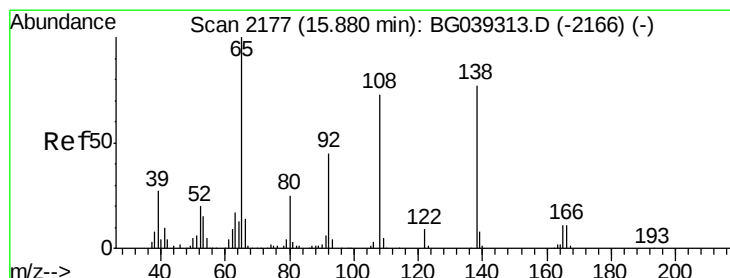
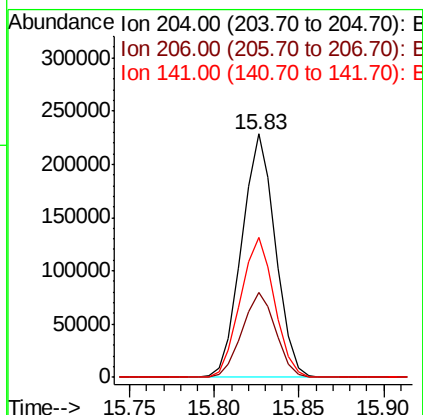
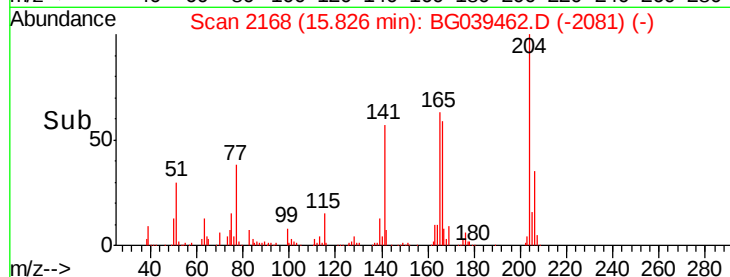
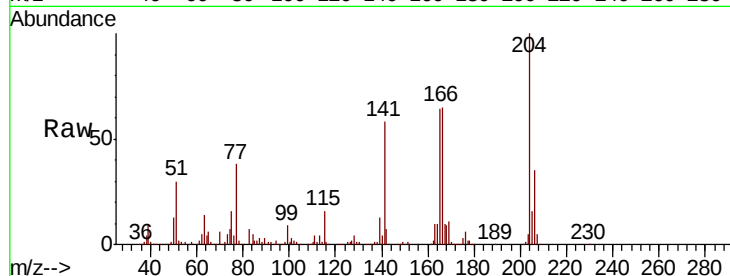
ClientSampleId :

PB117032BS

Tot Ion:	204	Resp:	316705
Ion Ratio	Lower	Upper	
204	100		
206	34.8	29.2	43.8
141	57.6	49.0	73.4

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:47 AM



#62

4-Nitroaniline

Concen: 43.451 ng

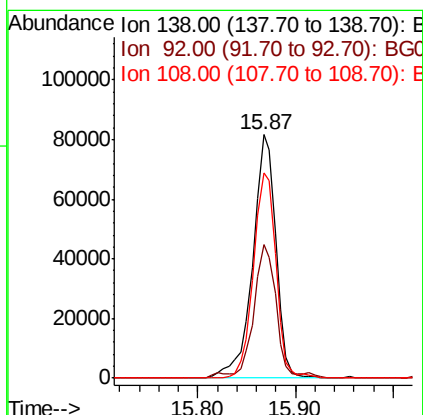
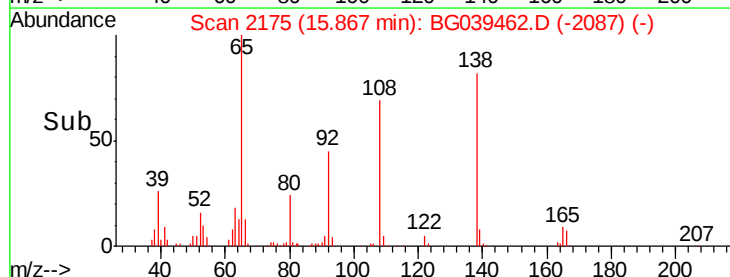
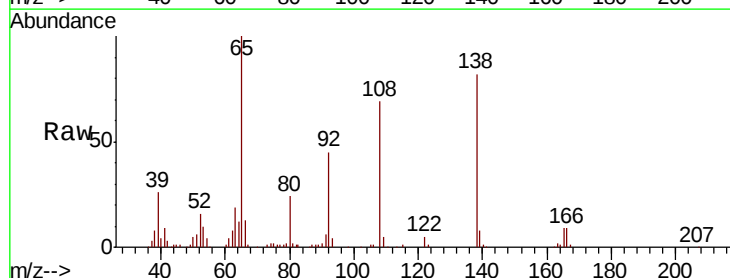
RT: 15.87 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

Tgt Ion:	138	Resp:	134852
Ion Ratio	Lower	Upper	
138	100		
92	54.7	38.7	78.7
108	84.3	74.6	114.6





#63

Azobenzene

Concen: 37.397 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.02 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

Instrument :

BNA_G

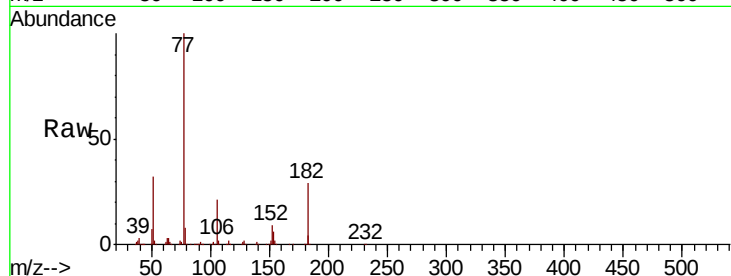
ClientSampleId :

PB117032BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	29.1	6.4	46.4		
105	21.1	0.0	39.8		
51	32.2	14.1	54.1		

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:47 AM



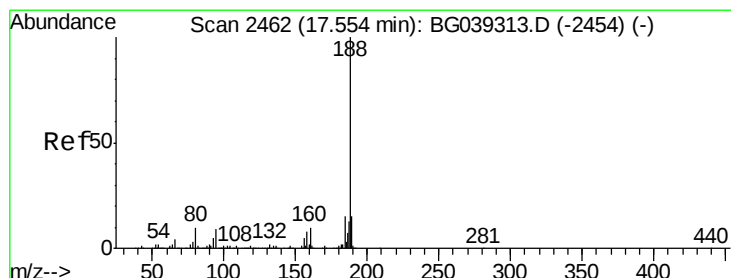
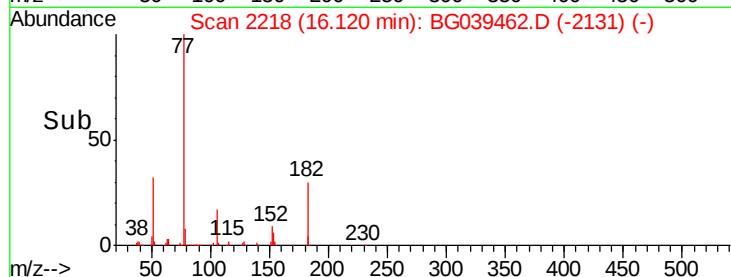
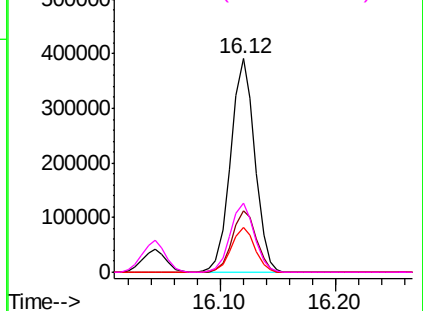
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.54 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

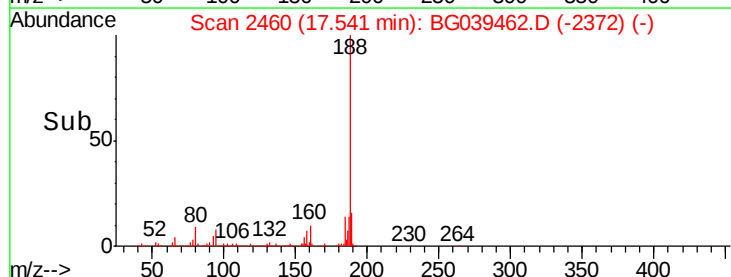
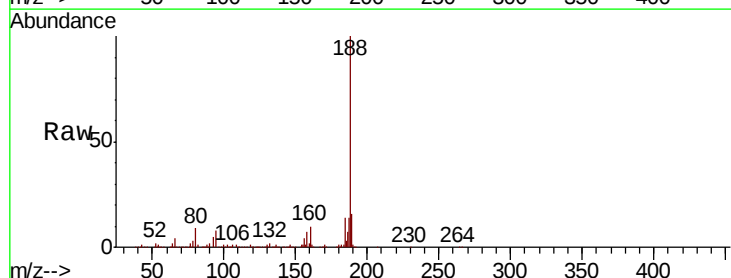
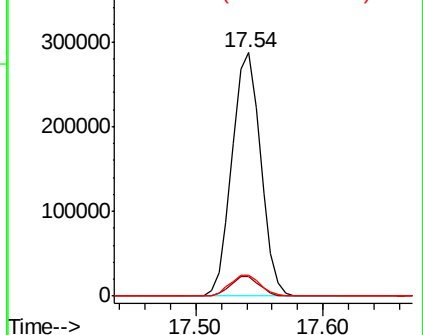
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	7.9	6.9	10.3		
80	8.7	8.1	12.1		

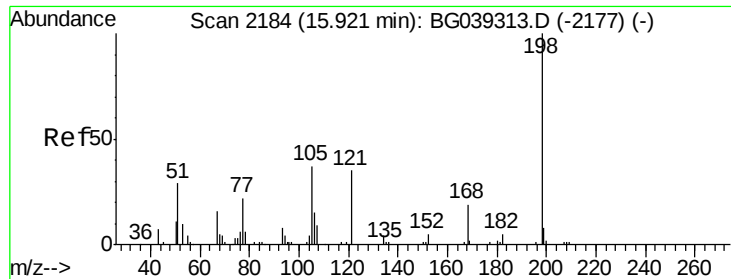
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 52.190 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

Instrument :

BNA_G

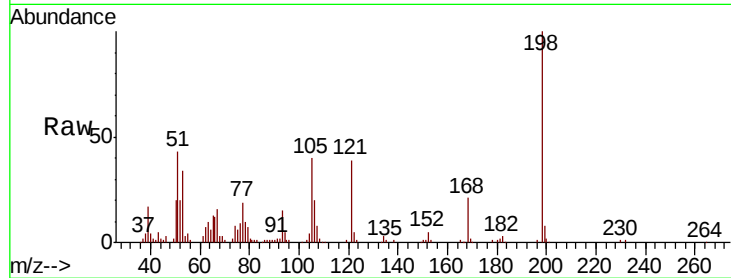
ClientSampleId :

PB117032BS

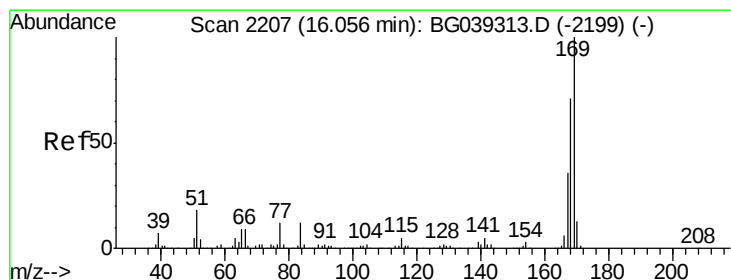
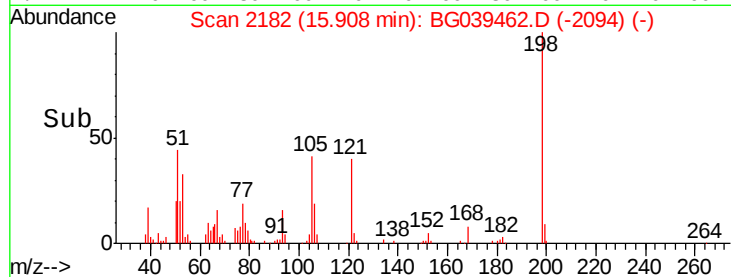
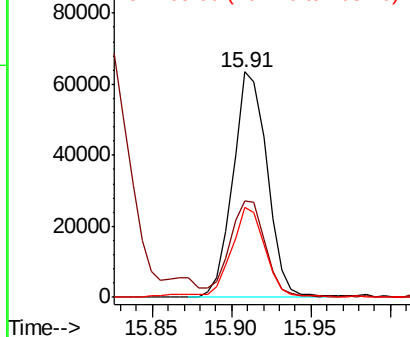
Tot Ion:	198	Resp:	95467
Ion Ratio	Lower	Upper	
198	100		
51	42.9	27.4	67.4
105	40.2	19.7	59.7

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:47 AM



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



#66

n-Nitrosodiphenylamine

Concen: 40.100 ng

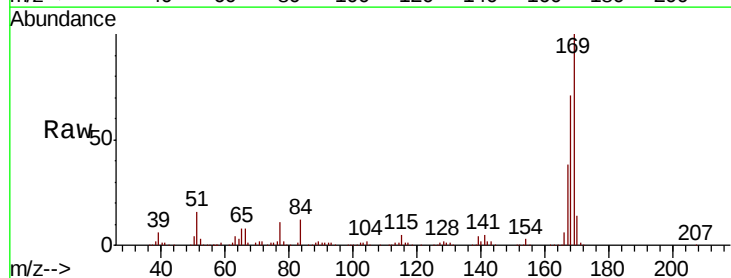
RT: 16.04 min Scan# 2205

Delta R.T. -0.01 min

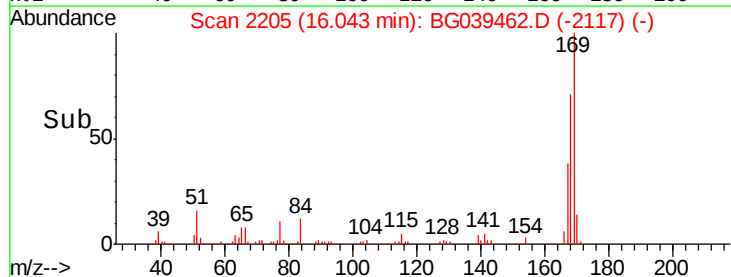
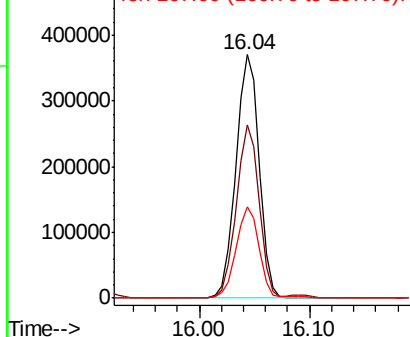
Lab File: BG039462.D

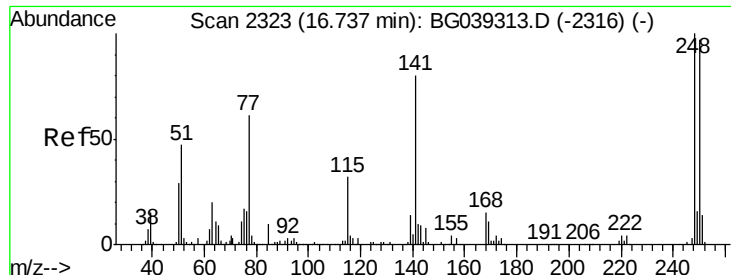
Acq: 12 Feb 2019 13:53

Tgt Ion:	169	Resp:	546842
Ion Ratio	Lower	Upper	
169	100		
168	71.1	56.6	85.0
167	37.6	28.8	43.2



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





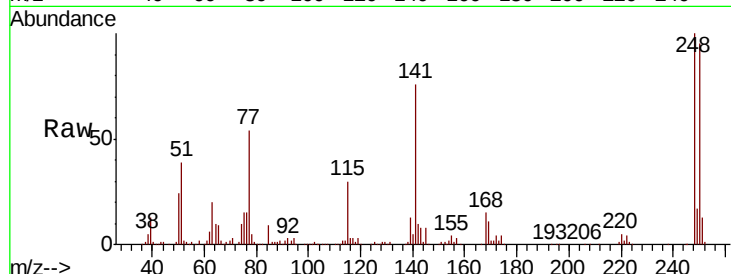
#67
 4-Bromophenyl-phenylether
 Concen: 41.550 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.02 min
 Lab File: BG039462.D
 Acq: 12 Feb 2019 13:53

Instrument :
 BNA_G
 ClientSampleId :
 PB117032BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.1	77.6	116.4
141	76.0	63.9	95.9

Manual Integrations
 APPROVED

Sohil
 2/13/2019 9:56:47 AM

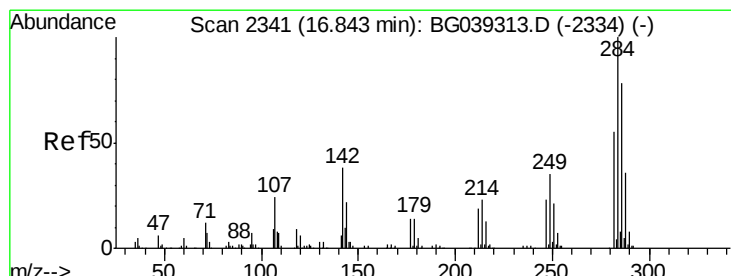
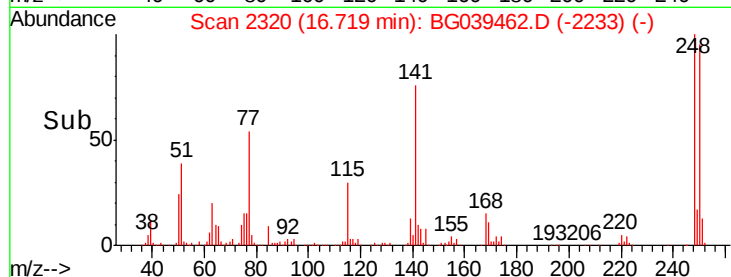
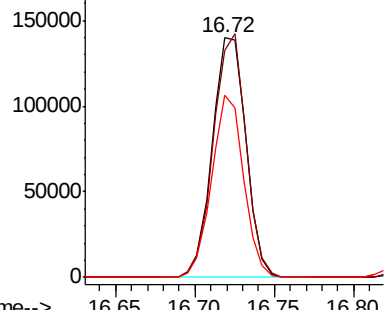


Abundance

Ion 248.00 (247.70 to 248.70): E

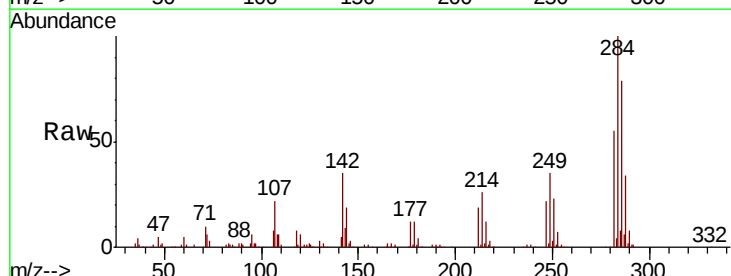
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 42.669 ng
 RT: 16.83 min Scan# 2339
 Delta R.T. -0.01 min
 Lab File: BG039462.D
 Acq: 12 Feb 2019 13:53

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.5	30.6	45.8
249	34.5	28.2	42.2

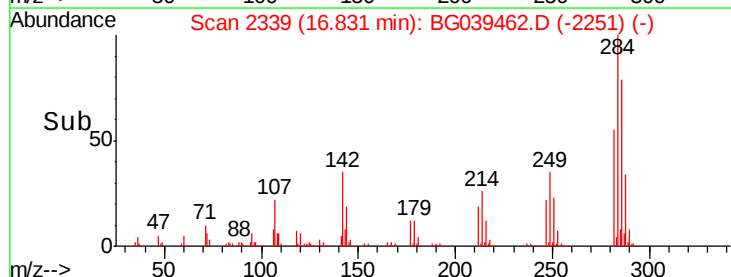
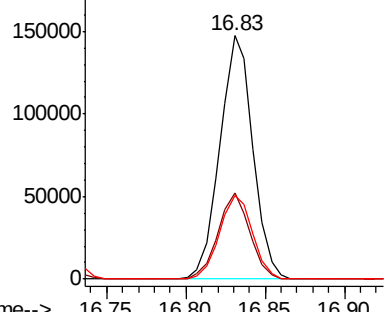


Abundance

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: 42.935 ng

RT: 16.98 min Scan# 2365

Delta R.T. -0.01 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

Instrument :

BNA_G

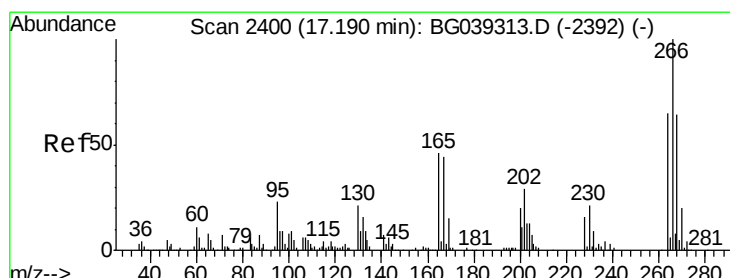
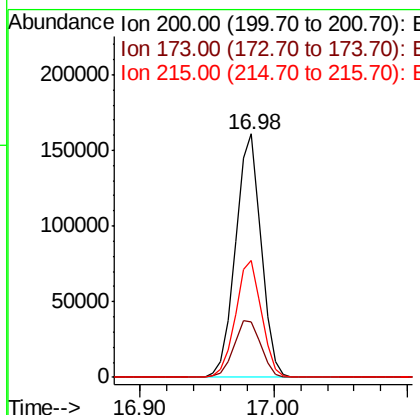
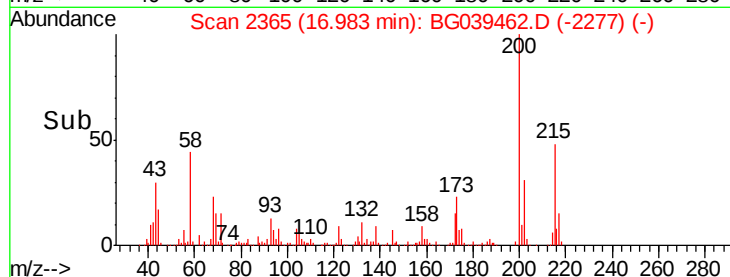
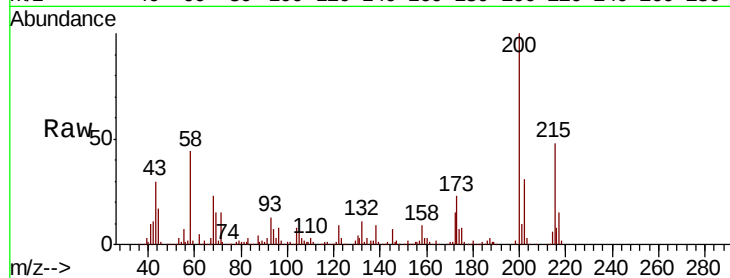
ClientSampleId :

PB117032BS

Tot Ion:	200	Resp:	213967
Ion Ratio		Lower	Upper
200	100		
173	22.8	3.9	43.9
215	47.8	30.9	70.9

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:47 AM



#70

Pentachlorophenol

Concen: 69.009 ng

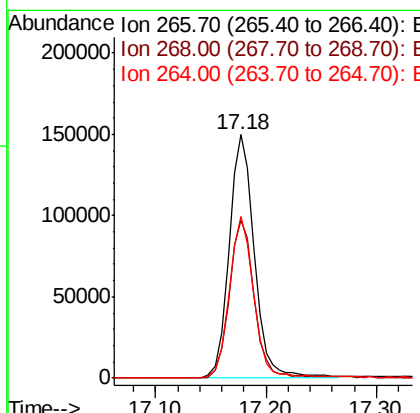
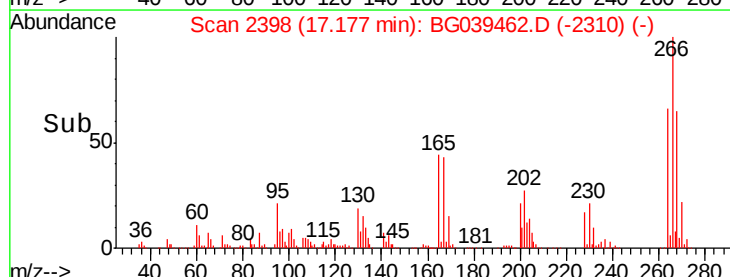
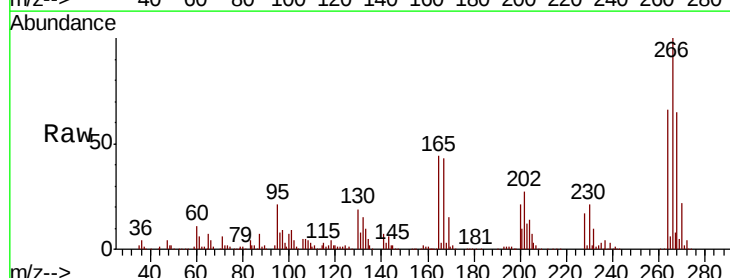
RT: 17.18 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

Tgt Ion:	266	Resp:	239424
Ion Ratio		Lower	Upper
266	100		
268	64.6	51.1	76.7
264	66.2	52.1	78.1





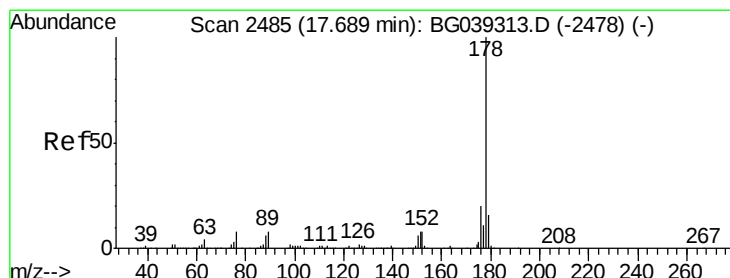
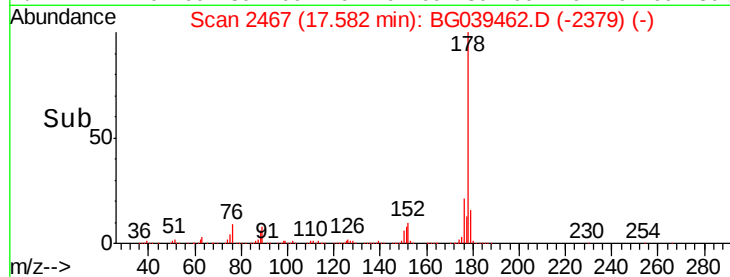
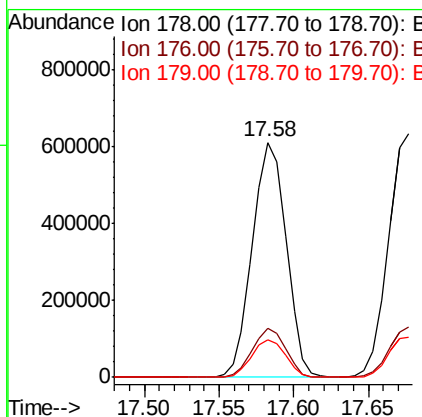
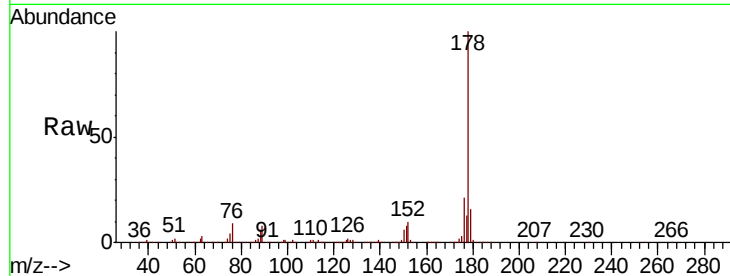
#71
Phenanthrene
Concen: 41.388 ng
RT: 17.58 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Instrument :
BNA_G
ClientSampleId :
PB117032BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.0	16.2	24.4
179	16.0	12.6	19.0

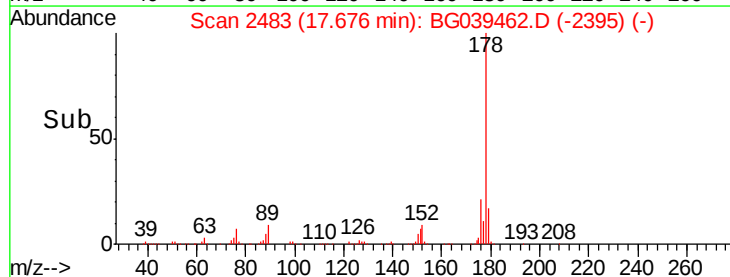
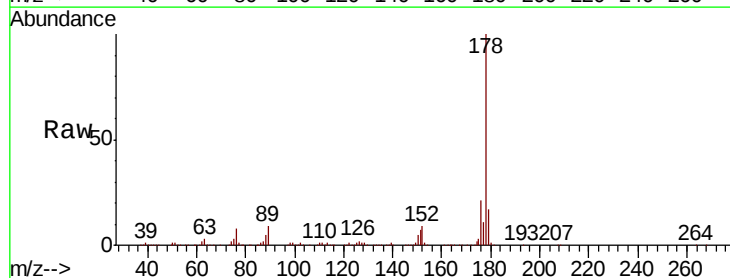
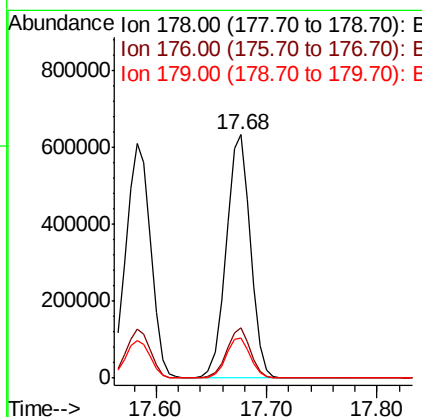
Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:47 AM



#72
Anthracene
Concen: 42.314 ng
RT: 17.68 min Scan# 2483
Delta R.T. -0.01 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.8	23.6
179	16.6	12.5	18.7





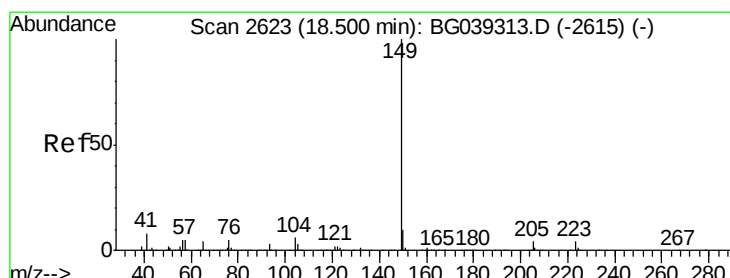
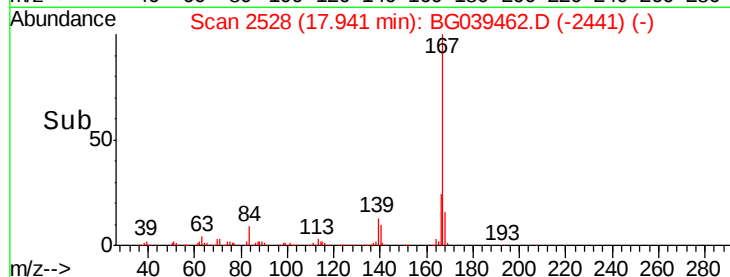
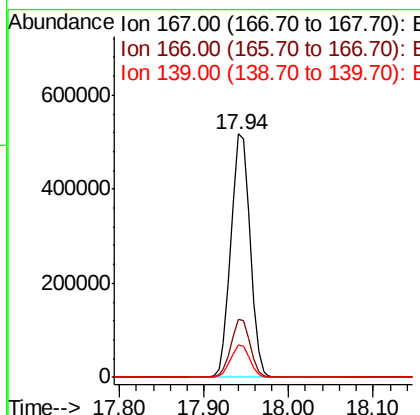
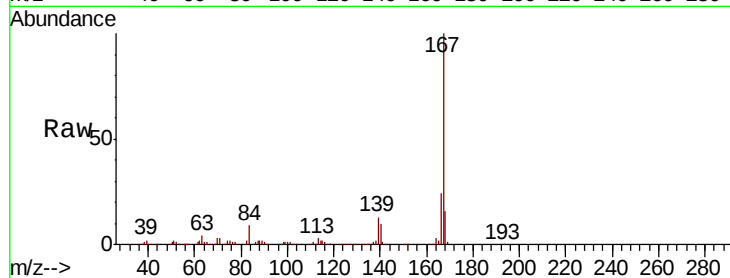
#73
 Carbazole
 Concen: 35.247 ng
 RT: 17.94 min Scan# 2528
 Delta R.T. -0.02 min
 Lab File: BG039462.D
 Acq: 12 Feb 2019 13:53

Instrument :
 BNA_G
 ClientSampleId :
 PB117032BS

Tot Ion	Ratio	Resp	Lower	Upper
167	100	804272		
166	23.6		19.4	29.2
139	13.2		10.8	16.2

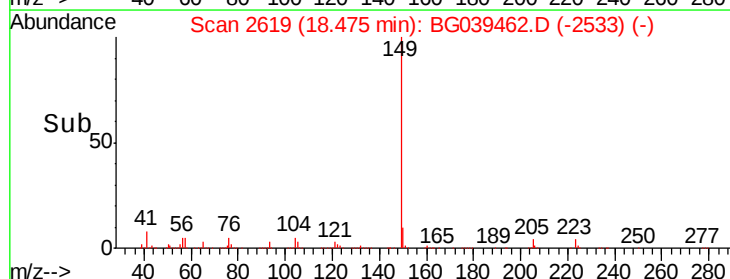
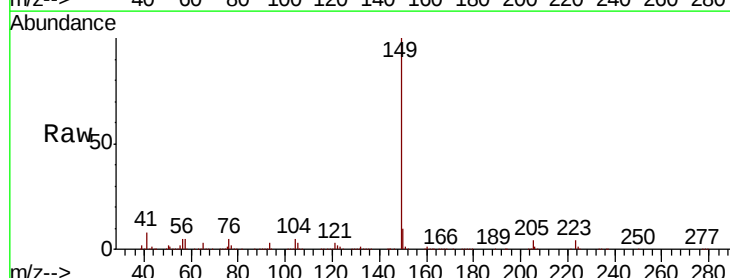
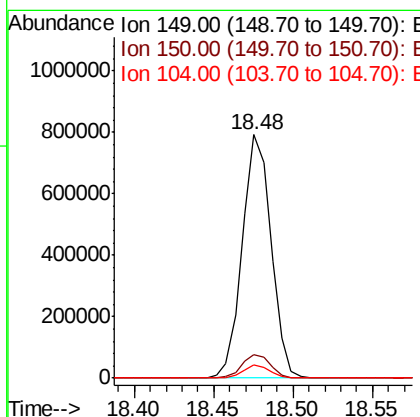
Manual Integrations
 APPROVED

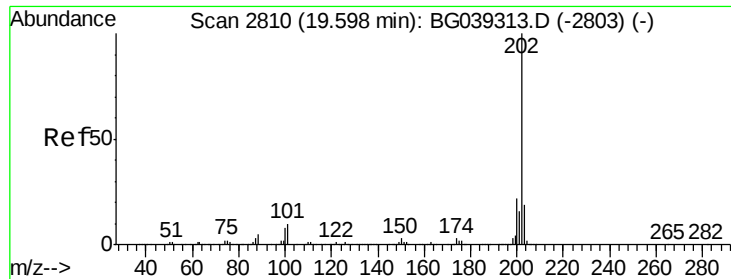
Sohil
 2/13/2019 9:56:47 AM



#74
 Di-n-butylphthalate
 Concen: 37.502 ng
 RT: 18.48 min Scan# 2619
 Delta R.T. -0.02 min
 Lab File: BG039462.D
 Acq: 12 Feb 2019 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	998314		
150	9.8		7.7	11.5
104	5.4		4.5	6.7





#75

Fluoranthene

Concen: 37.872 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.02 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

Instrument :

BNA_G

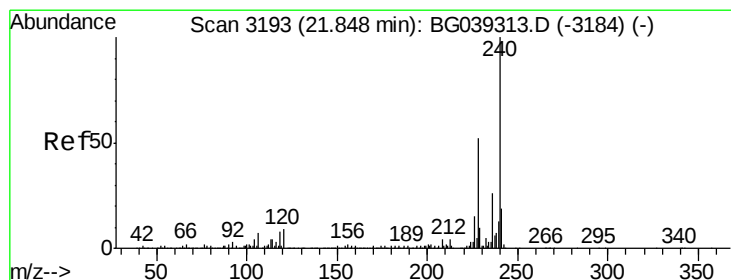
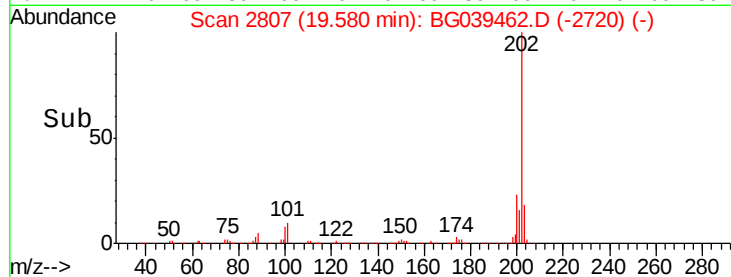
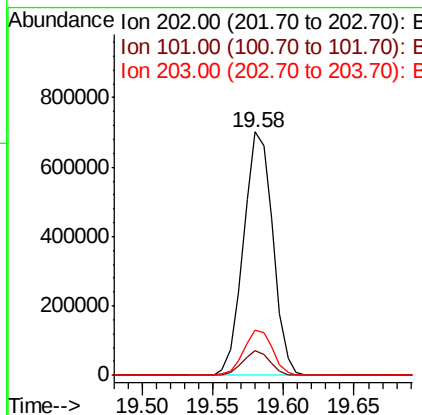
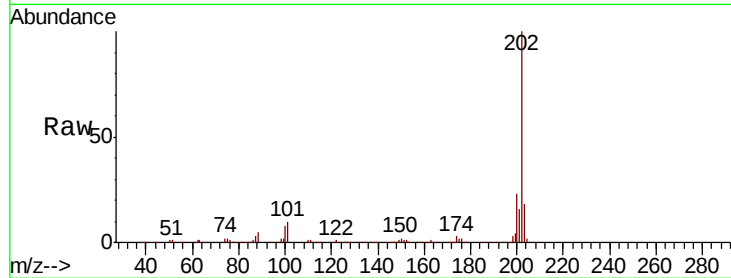
ClientSampleId :

PB117032BS

Tot Ion:	202	Resp:	1020350
Ion Ratio	Lower	Upper	
202	100		
101	10.0	0.0	30.0
203	18.4	0.0	38.9

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:47 AM



#76

Chrysene-d12

Concen: 20.000 ng

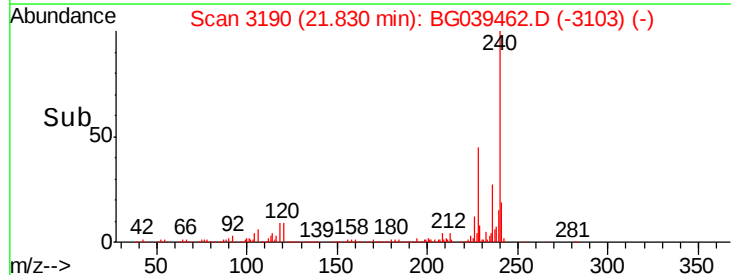
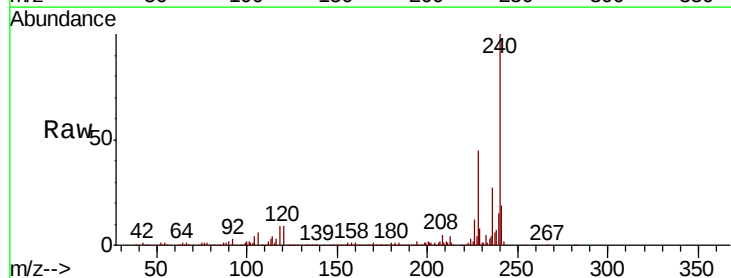
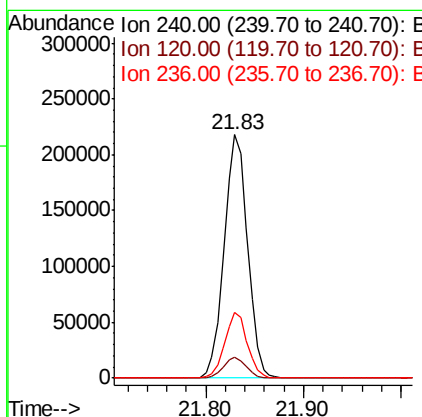
RT: 21.83 min Scan# 3190

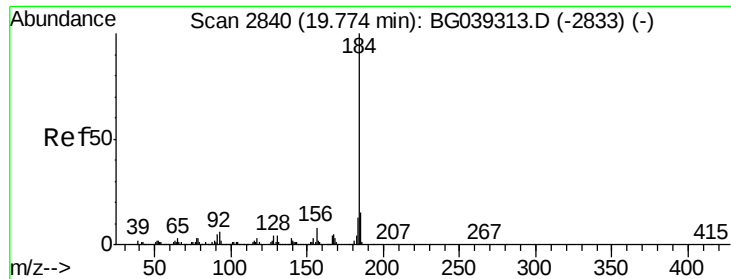
Delta R.T. -0.02 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

Tgt Ion:	240	Resp:	361629
Ion Ratio	Lower	Upper	
240	100		
120	8.7	7.0	10.6
236	26.8	21.0	31.4





#77

Benzidine

Concen: 30.503 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

Instrument :

BNA_G

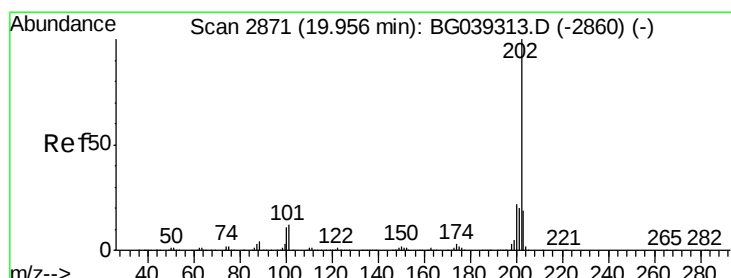
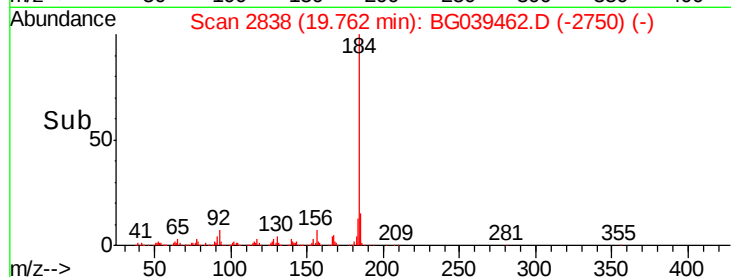
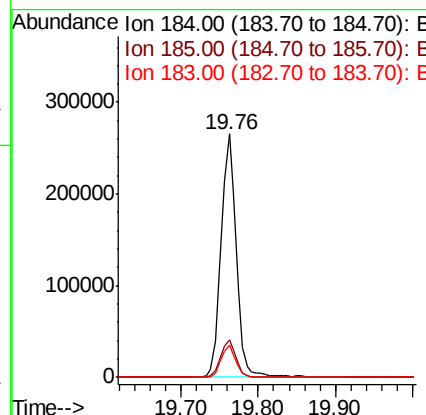
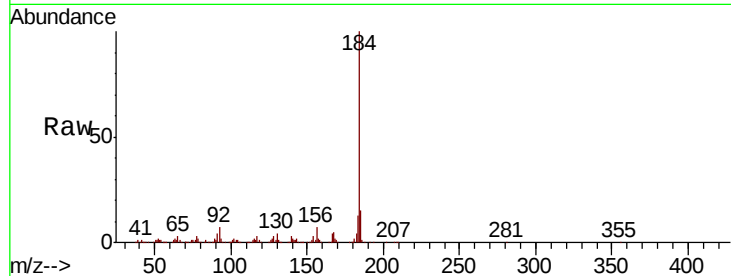
ClientSampleId :

PB117032BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.3	12.2	18.2
183	13.2	10.6	15.8

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:47 AM



#78

Pyrene

Concen: 44.694 ng

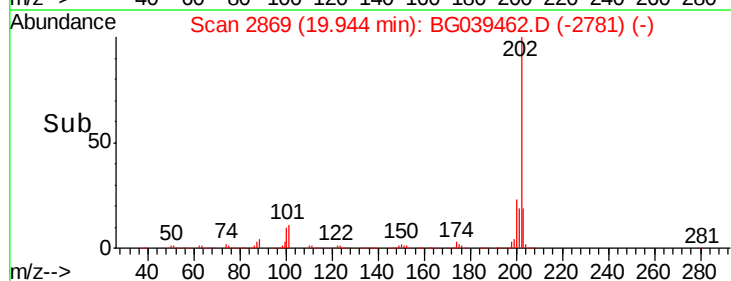
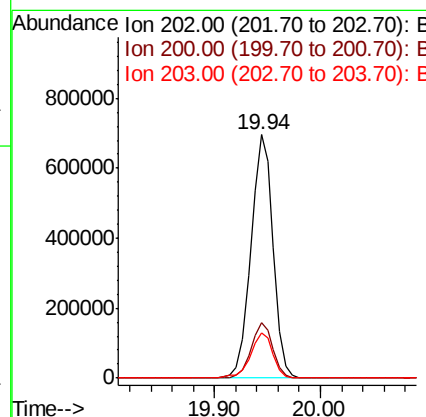
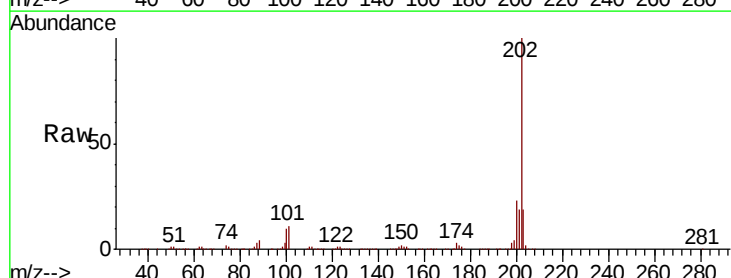
RT: 19.94 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.0	17.8	26.8
203	18.7	15.3	22.9





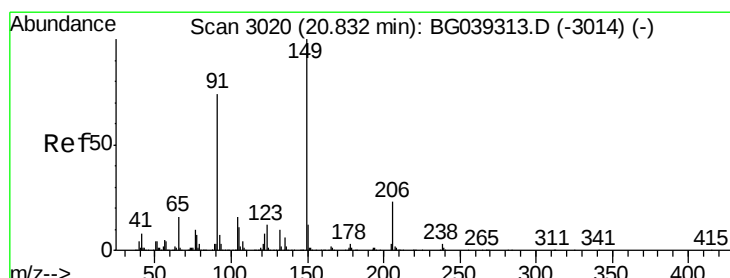
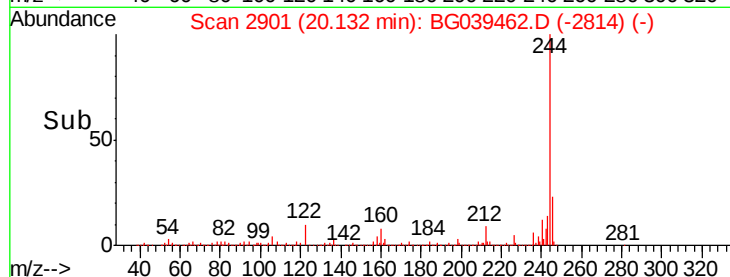
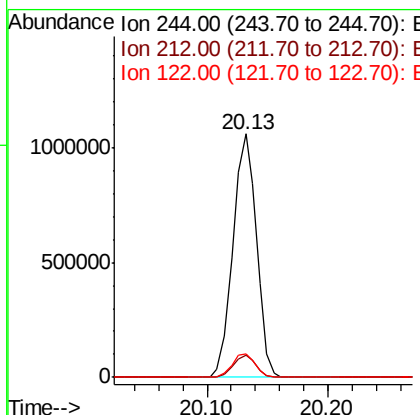
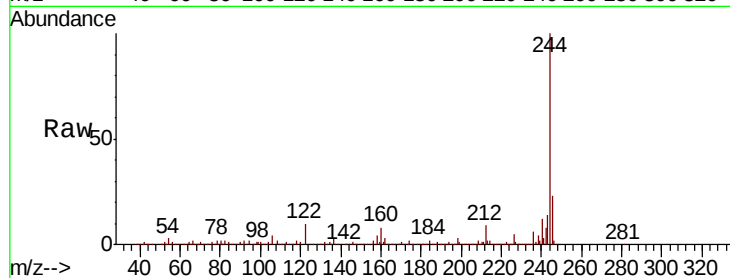
#79
 Terphenyl-d14
 Concen: 84.199 ng
 RT: 20.13 min Scan# 2901
 Delta R.T. -0.02 min
 Lab File: BG039462.D
 Acq: 12 Feb 2019 13:53

Instrument :
 BNA_G
 ClientSampled :
 PB117032BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.3	10.9
122	9.8	8.4	12.6

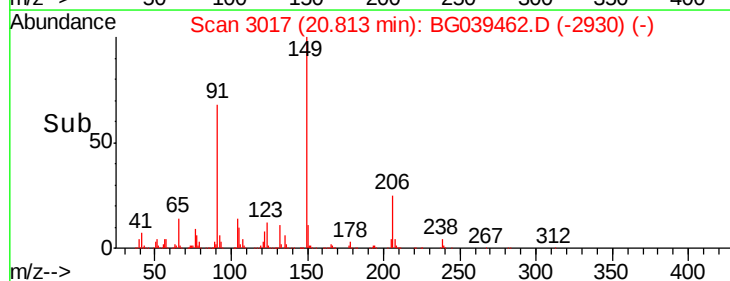
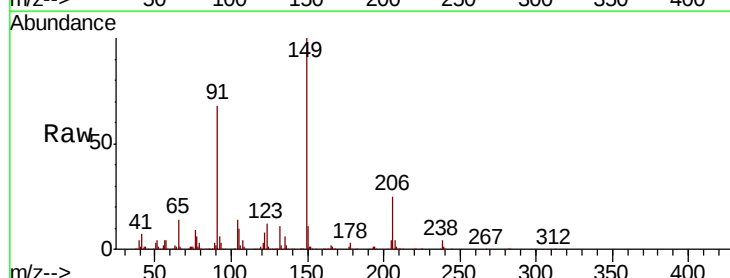
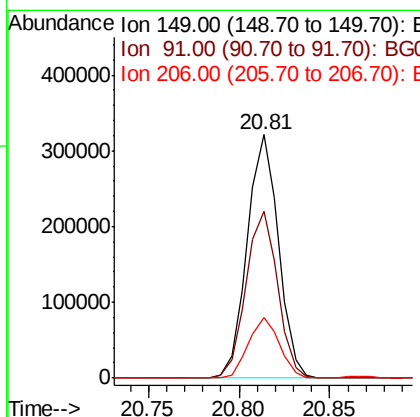
Manual Integrations
 APPROVED

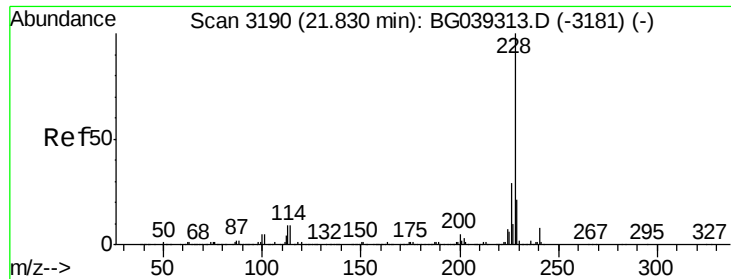
Sohil
 2/13/2019 9:56:47 AM



#80
 Butylbenzylphthalate
 Concen: 40.519 ng
 RT: 20.81 min Scan# 3017
 Delta R.T. -0.02 min
 Lab File: BG039462.D
 Acq: 12 Feb 2019 13:53

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.4	59.5	89.3
206	24.8	18.6	27.8





#81

Benzo(a)anthracene

Concen: 42.618 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

Instrument :

BNA_G

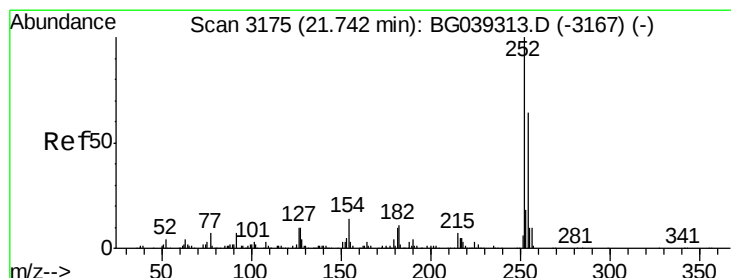
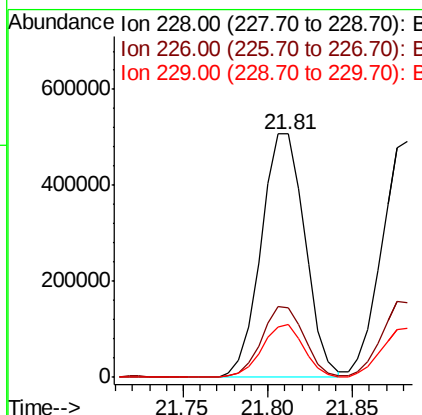
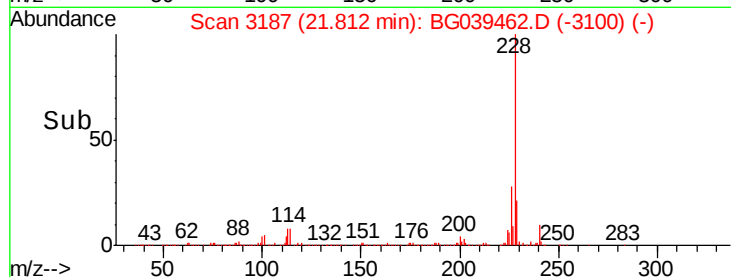
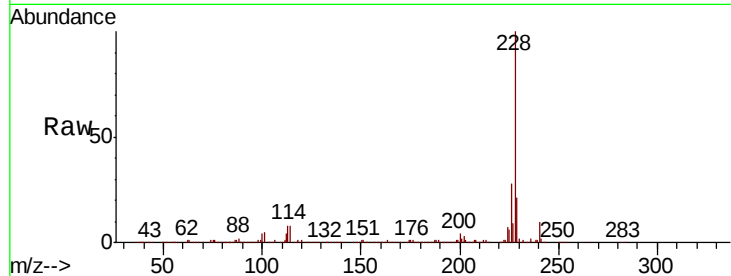
ClientSampleId :

PB117032BS

Tot Ion:	228	Resp:	910685
Ion Ratio	Lower	Upper	
228	100		
226	28.5	23.0	34.6
229	21.5	16.9	25.3

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:47 AM



#82

3,3'-Dichlorobenzidine

Concen: 26.934 ng

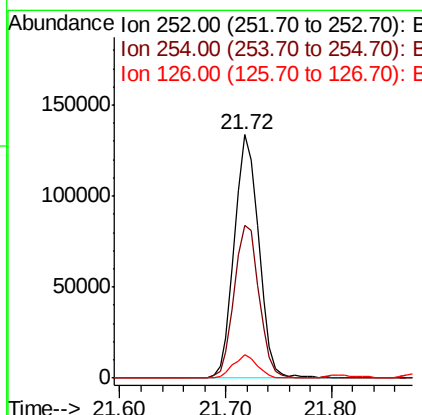
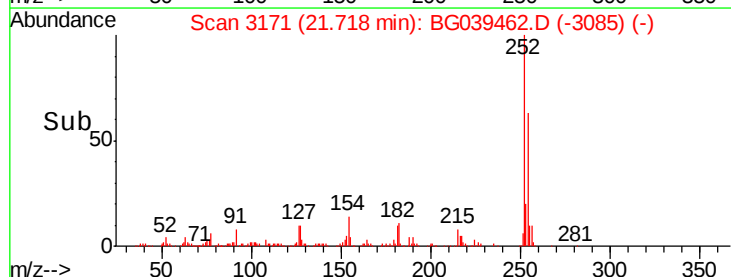
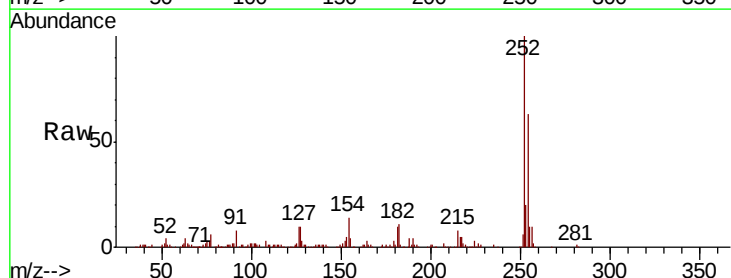
RT: 21.72 min Scan# 3171

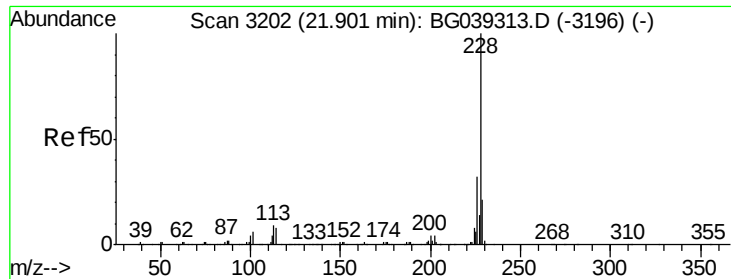
Delta R.T. -0.02 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

Tgt Ion:	252	Resp:	213406
Ion Ratio	Lower	Upper	
252	100		
254	63.0	51.3	76.9
126	9.8	8.0	12.0





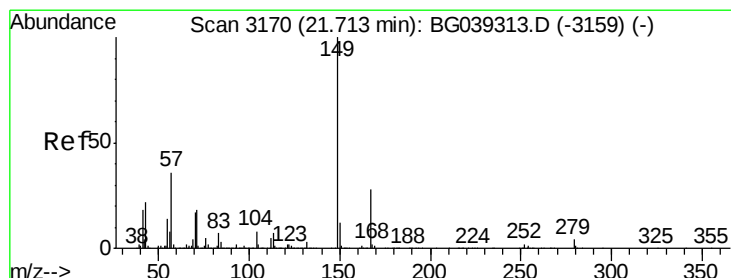
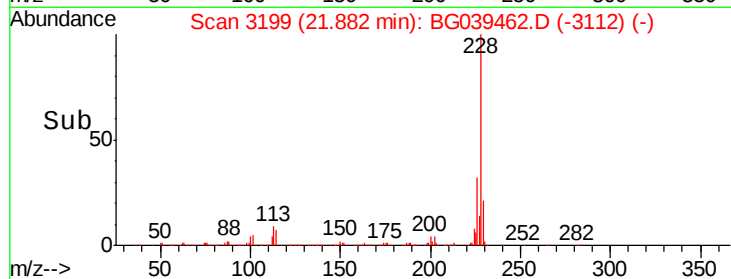
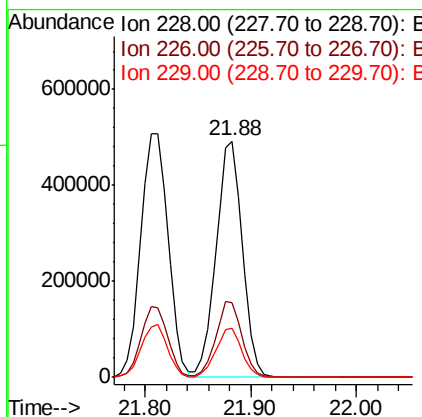
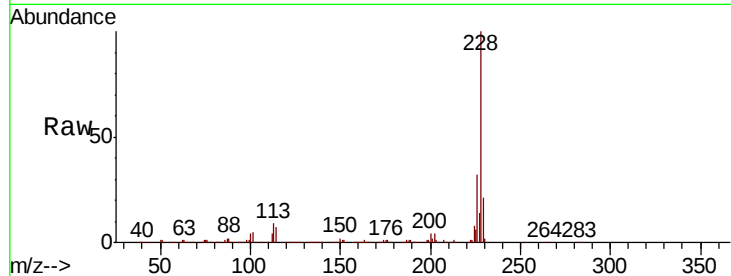
#83
Chrysene
Concen: 42.057 ng
RT: 21.88 min Scan# 3199
Delta R.T. -0.02 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Instrument :
BNA_G
ClientSampleId :
PB117032BS

Tot Ion:	228	Resp:	855504
Ion Ratio	Lower	Upper	
228	100		
226	31.6	25.8	38.6
229	20.7	16.6	25.0

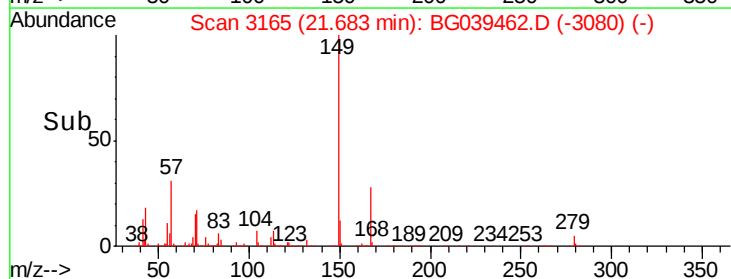
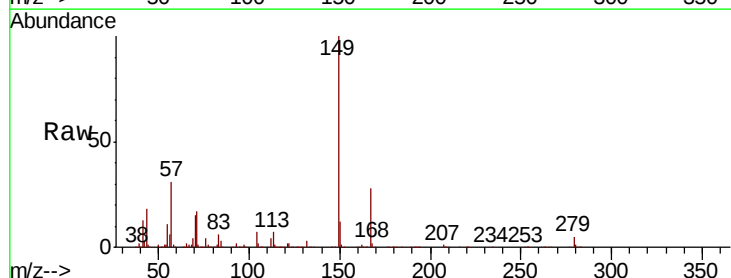
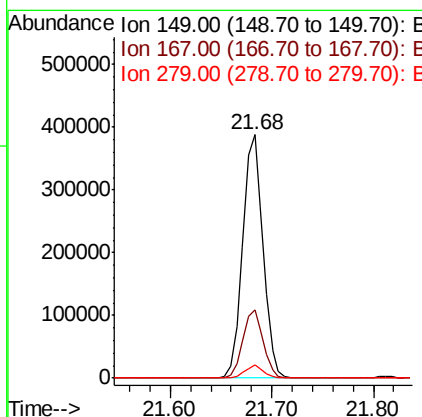
Manual Integrations
APPROVED

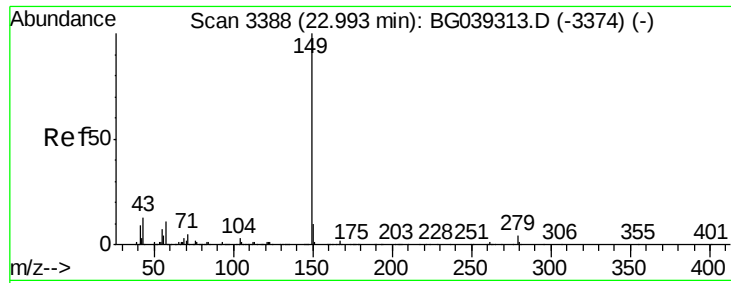
Sohil
2/13/2019 9:56:47 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 39.671 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.03 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Tgt Ion:	149	Resp:	537473
Ion Ratio	Lower	Upper	
149	100		
167	28.3	22.6	34.0
279	5.3	3.5	5.3





#85

Di-n-octyl phthalate

Concen: 41.514 ng

RT: 22.95 min Scan# 3380

Delta R.T. -0.05 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

Instrument :

BNA_G

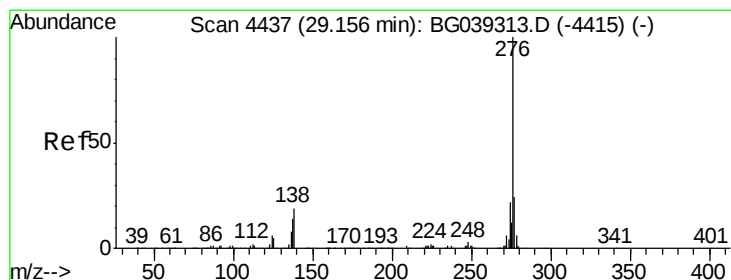
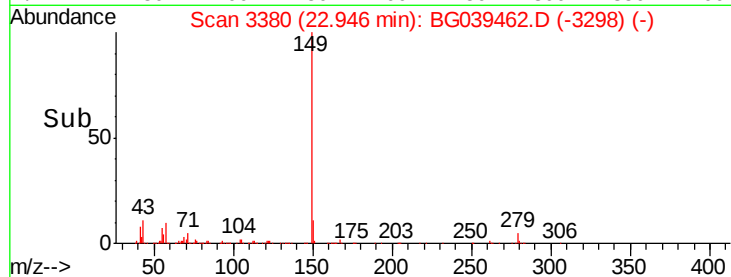
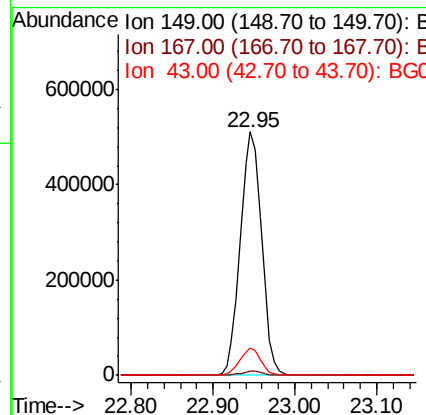
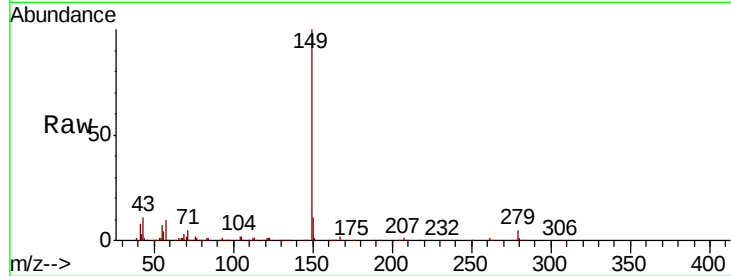
ClientSampleId :

PB117032BS

Tot Ion:	149	Resp:	929212
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	10.7	10.2	15.4

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:47 AM



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.097 ng

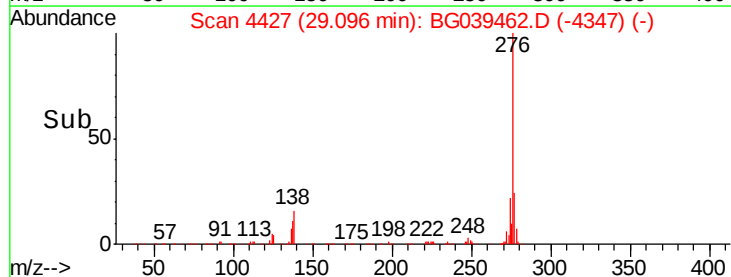
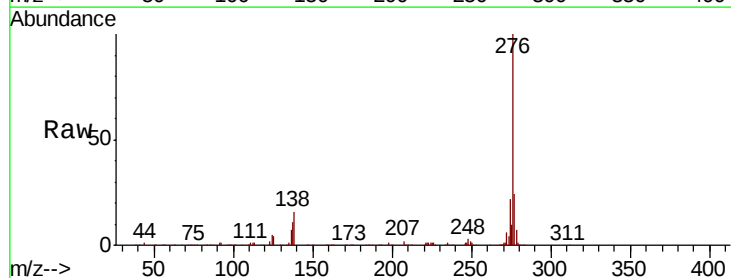
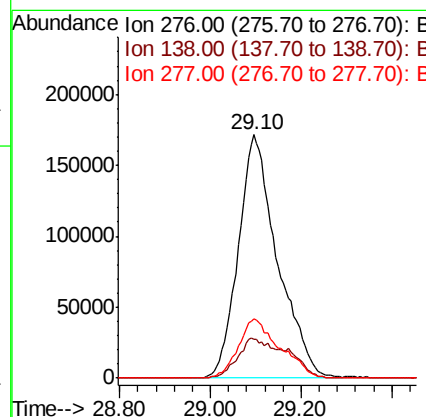
RT: 29.10 min Scan# 4427

Delta R.T. -0.06 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

Tgt Ion:	276	Resp:	1027863
Ion Ratio	Lower	Upper	
276	100		
138	15.7	12.6	19.0
277	25.9	20.8	31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.21 min Scan# 3766

Delta R.T. -0.03 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

Instrument :

BNA_G

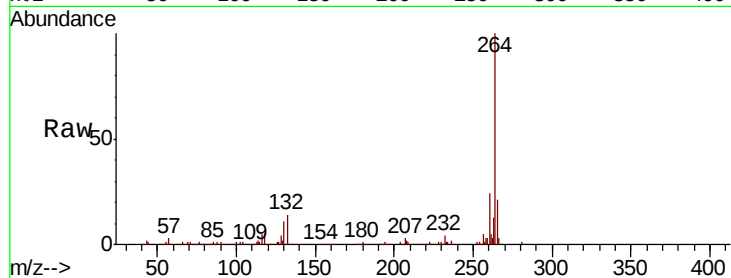
ClientSampleId :

PB117032BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	23.6	18.2	27.4		
265	21.2	18.5	27.7		

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:47 AM

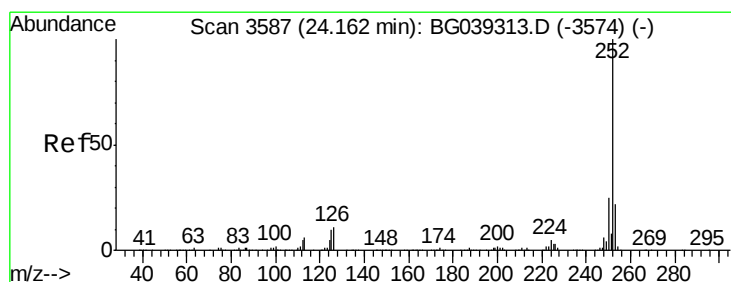
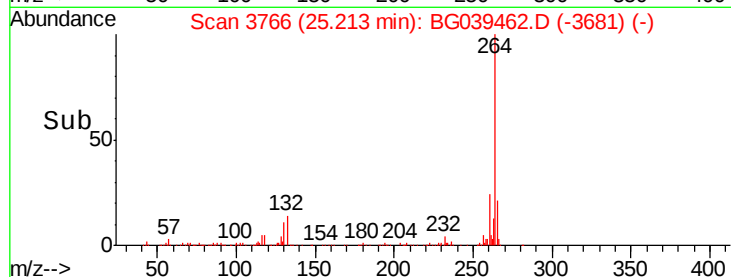
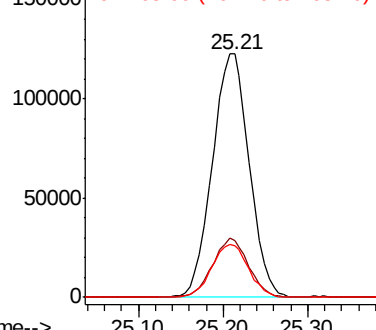


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.646 ng

RT: 24.13 min Scan# 3581

Delta R.T. -0.04 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

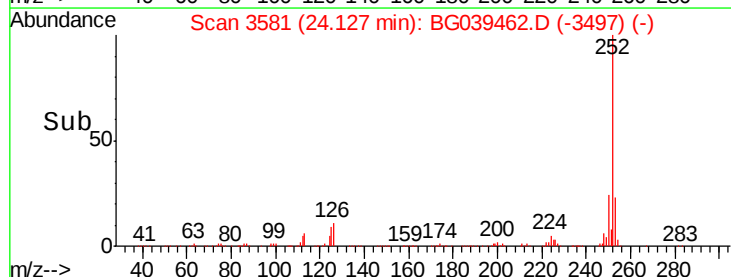
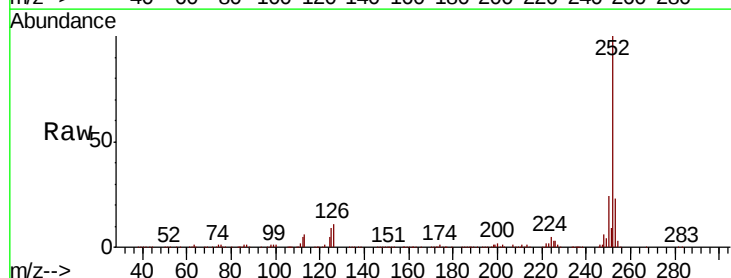
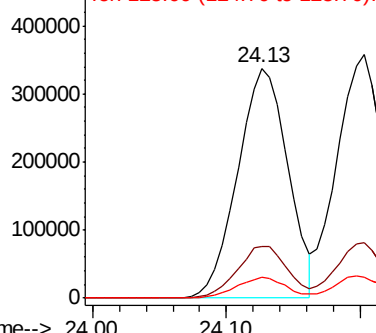
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
253	22.7	17.8	26.8		
125	9.1	7.8	11.6		

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





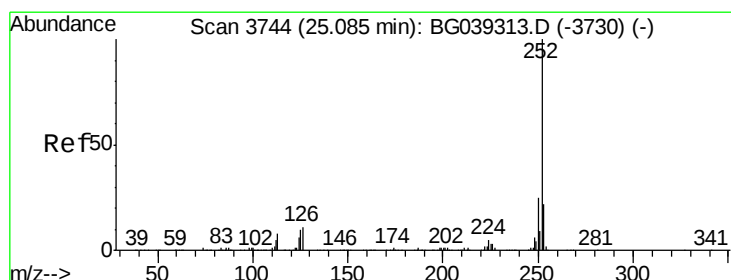
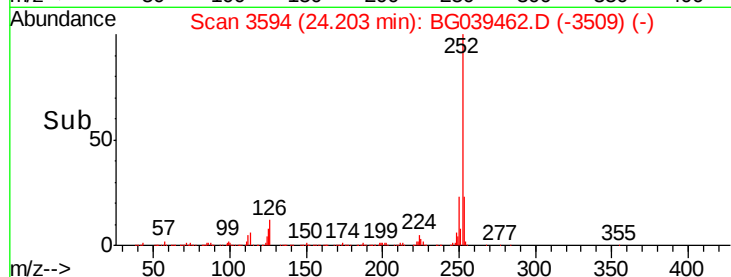
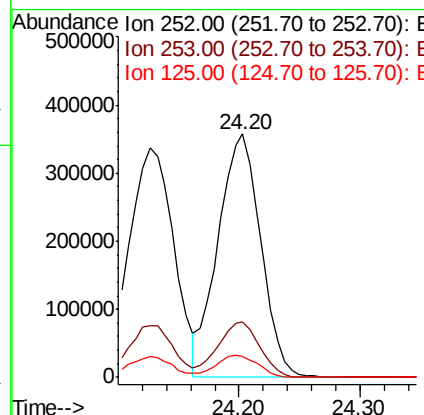
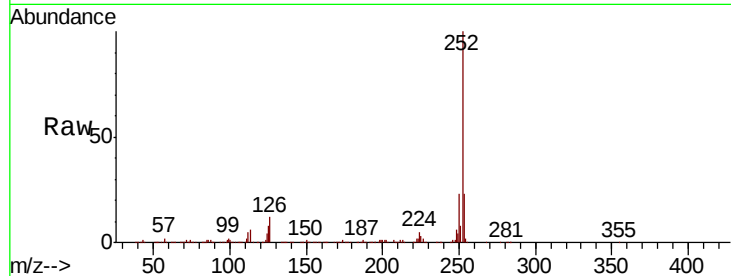
#89
Benzo(k)fluoranthene
Concen: 43.014 ng
RT: 24.20 min Scan# 3594
Delta R.T. -0.03 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Instrument :
BNA_G
ClientSampleId :
PB117032BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	8.4	7.4	11.2

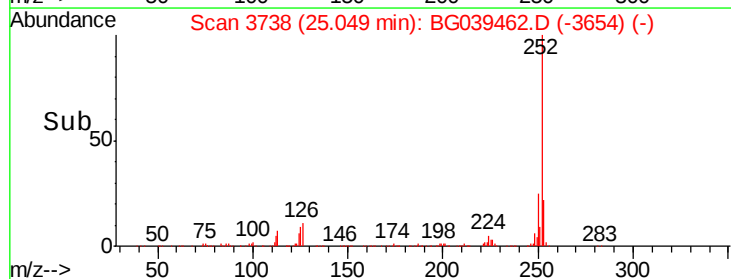
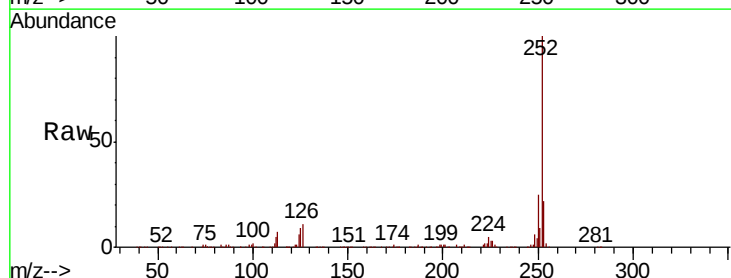
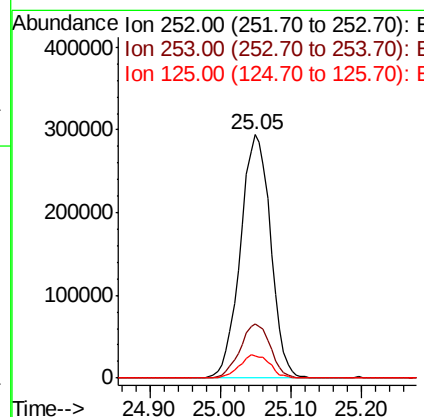
Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:47 AM



#90
Benzo(a)pyrene
Concen: 44.871 ng
RT: 25.05 min Scan# 3738
Delta R.T. -0.04 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	9.0	8.3	12.5





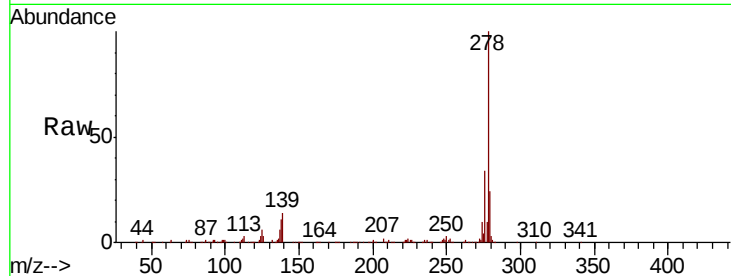
#91
Dibenzo(a,h)anthracene
Concen: 45.485 ng
RT: 29.17 min Scan# 4439
Delta R.T. -0.07 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Instrument :
BNA_G
ClientSampleId :
PB117032BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.0	11.7	17.5
279	23.7	19.1	28.7

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:47 AM

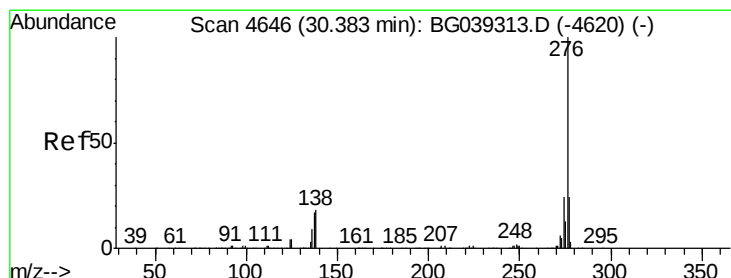
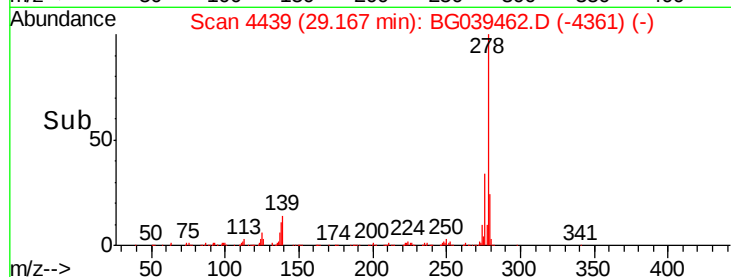
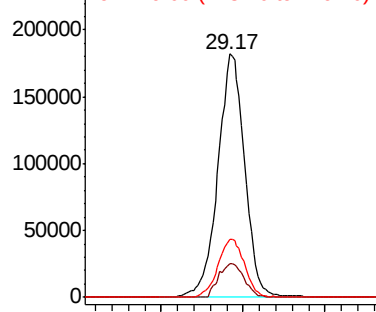


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 46.361 ng
RT: 30.33 min Scan# 4637
Delta R.T. -0.05 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.7	19.6	29.4
138	16.3	14.7	22.1

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

