

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031419\
 Data File : BG039928.D
 Acq On : 14 Mar 2019 17:02
 Operator : JU/SJ
 Sample : PB117835BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117835BS

Manual Integrations
 APPROVED

Sohil
 3/15/2019 10:12:31 AM

Quant Time: Mar 15 08:23:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	36713	20.00	ng	-0.03
21) Naphthalene-d8	10.97	136	154705	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	101534	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	260067	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	272141	20.00	ng	-0.02
87) Perylene-d12	25.16	264	275802	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	310614	144.34	ng	-0.01
7) Phenol-d6	7.29	99	434188	135.31	ng	-0.02
23) Nitrobenzene-d5	9.33	82	240373	84.03	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	171252	144.71	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	579514	81.27	ng	-0.02
79) Terphenyl-d14	20.11	244	992307	80.28	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.58	88	39411	39.668	ng	96
3) Pyridine	3.98	79	98102	36.883	ng	99
4) n-Nitrosodimethylamine	3.90	42	53230	42.186	ng	# 83
6) Aniline	7.47	93	122327	29.099	ng	98
8) 2-Chlorophenol	7.71	128	109990	42.130	ng	98
9) Benzaldehyde	7.29	77	61587	29.755	ng	96
10) Phenol	7.32	94	146776	42.224	ng	98
11) bis(2-Chloroethyl)ether	7.56	93	108041	39.865	ng	99
12) 1,3-Dichlorobenzene	8.03	146	118433	40.110	ng	99
13) 1,4-Dichlorobenzene	8.19	146	120277	39.991	ng	97
14) 1,2-Dichlorobenzene	8.50	146	114009	39.234	ng	98
15) Benzyl Alcohol	8.39	79	104758	41.157	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.66	45	217244	40.079	ng	98
17) 2-Methylphenol	8.58	107	94154	42.479	ng	97
18) Hexachloroethane	9.23	117	43517	40.325	ng	96
19) n-Nitroso-di-n-propylamine	8.95	70	86430	37.423	ng	96
20) 3+4-Methylphenols	8.91	107	131087	42.572	ng	96
22) Acetophenone	8.98	105	165084	39.758	ng	# 94
24) Nitrobenzene	9.37	77	129194	43.053	ng	98
25) Isophorone	9.88	82	241388	40.274	ng	99
26) 2-Nitrophenol	10.08	139	63943	44.133	ng	95
27) 2,4-Dimethylphenol	10.12	122	111011	49.265	ng	96
28) bis(2-Chloroethoxy)methane	10.36	93	148992	40.906	ng	98
29) 2,4-Dichlorophenol	10.61	162	116575	45.949	ng	96
30) 1,2,4-Trichlorobenzene	10.82	180	120471	42.199	ng	98
31) Naphthalene	11.02	128	339631	41.464	ng	99
32) Benzoic acid	10.25	122	56212m	37.936	ng	
33) 4-Chloroaniline	11.13	127	79597	22.917	ng	97
34) Hexachlorobutadiene	11.28	225	82454	42.266	ng	97
35) Caprolactam	11.91	113	40911	42.214	ng	# 88
36) 4-Chloro-3-methylphenol	12.23	107	127626	43.884	ng	99
37) 2-Methylnaphthalene	12.61	142	257533	42.054	ng	97
38) 1-Methylnaphthalene	12.83	142	245542	41.259	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	144919	42.131	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031419\
 Data File : BG039928.D
 Acq On : 14 Mar 2019 17:02
 Operator : JU/SJ
 Sample : PB117835BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 PB117835BS

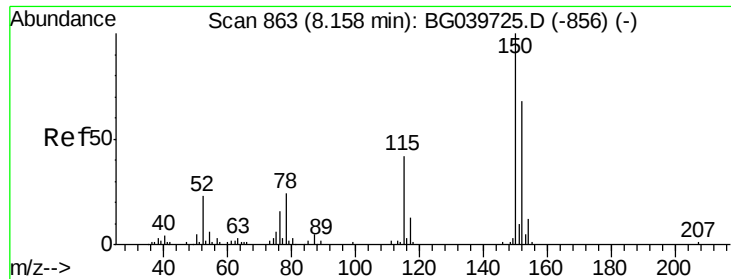
Manual Integrations
 APPROVED

Sohil
 3/15/2019 10:12:31 AM

Quant Time: Mar 15 08:23:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	192909	104.651	nq	98
43) 2,4,6-Trichlorophenol	13.21	196	96602	47.970	nq	98
44) 2,4,5-Trichlorophenol	13.28	196	102219	45.032	nq	98
46) 1,1'-Biphenyl	13.61	154	353227	42.297	nq	99
47) 2-Chloronaphthalene	13.66	162	270929	43.125	nq	98
48) 2-Nitroaniline	13.87	65	92225	45.679	nq	93
49) Acenaphthylene	14.50	152	431635	41.853	nq	99
50) Dimethylphthalate	14.22	163	365406	43.039	nq	100
51) 2,6-Dinitrotoluene	14.35	165	80207	44.562	nq	99
52) Acenaphthene	14.84	154	267217	43.049	nq	99
53) 3-Nitroaniline	14.69	138	51525	28.478	nq	# 96
54) 2,4-Dinitrophenol	14.89	184	87904	77.612	nq	98
55) Dibenzofuran	15.17	168	430044	42.226	nq	98
56) 4-Nitrophenol	14.98	139	133918	82.742	nq	91
57) 2,4-Dinitrotoluene	15.14	165	116204	45.948	nq	87
58) Fluorene	15.82	166	338484	42.278	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.39	232	105239	47.472	nq	97
60) Diethylphthalate	15.57	149	369439	43.956	nq	99
61) 4-Chlorophenyl-phenylether	15.81	204	182171	42.640	nq	97
62) 4-Nitroaniline	15.85	138	86730	44.217	nq	94
63) Azobenzene	16.10	77	331350	43.492	nq	97
65) 4,6-Dinitro-2-methylphenol	15.89	198	63795	41.488	nq	100
66) n-Nitrosodiphenylamine	16.02	169	318356	42.284	nq	100
67) 4-Bromophenyl-phenylether	16.70	248	120739	41.476	nq	96
68) Hexachlorobenzene	16.81	284	123864	41.049	nq	98
69) Atrazine	16.96	200	123467	41.668	nq	92
70) Pentachlorophenol	17.16	266	148170	77.751	nq	100
71) Phenanthrene	17.56	178	587261	40.996	nq	100
72) Anthracene	17.65	178	597377	42.794	nq	99
73) Carbazole	17.93	167	536643	42.643	nq	98
74) Di-n-butylphthalate	18.45	149	651103	43.974	nq	99
75) Fluoranthene	19.56	202	725239	42.839	nq	98
77) Benzidine	19.74	184	295260	34.190	nq	100
78) Pyrene	19.92	202	728423	41.191	nq	99
80) Butylbenzylphthalate	20.79	149	304103	44.387	nq	98
81) Benzo(a)anthracene	21.79	228	706537	41.425	nq	99
82) 3,3'-Dichlorobenzidine	21.70	252	160249	25.735	nq	99
83) Chrysene	21.86	228	677256	40.959	nq	100
84) Bis(2-ethylhexyl)phthalate	21.65	149	426678	44.318	nq	98
85) Di-n-octyl phthalate	22.90	149	732423	45.946	nq	95
86) Indeno(1,2,3-cd)pyrene	29.04	276	811453	43.258	nq	# 96
88) Benzo(b)fluoranthene	24.09	252	707952	43.045	nq	98
89) Benzo(k)fluoranthene	24.16	252	684019	44.680	nq	99
90) Benzo(a)pyrene	25.01	252	688136	45.279	nq	99
91) Dibenzo(a,h)anthracene	29.10	278	659191	44.244	nq	99
92) Benzo(g,h,i)perylene	30.26	276	677697	45.290	nq	97

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



#1

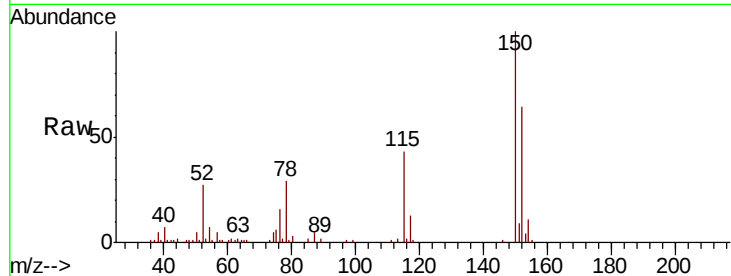
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 861
Delta R.T. -0.03 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Instrument :
BNA_G
ClientSampleId :
PB117835BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	123.7	185.5
115	66.9	45.9	68.9

Manual Integrations
APPROVED

Sohil
3/15/2019 10:12:31 AM

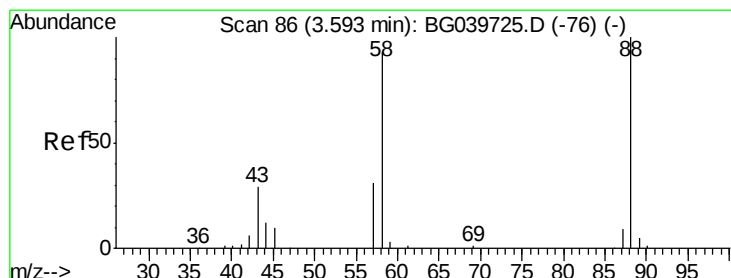
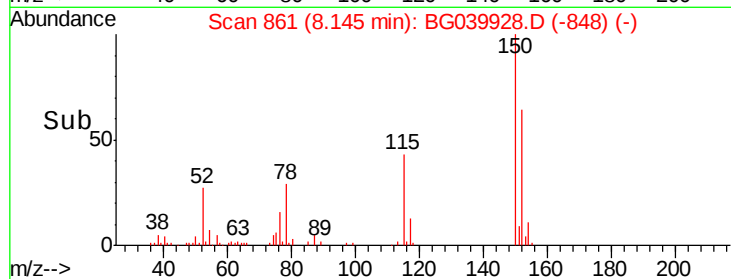
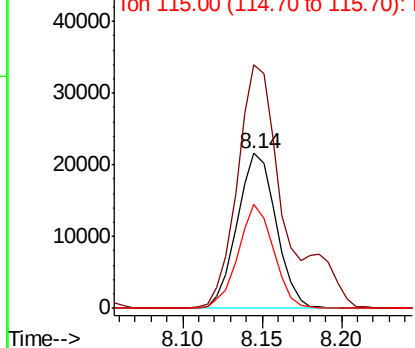


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

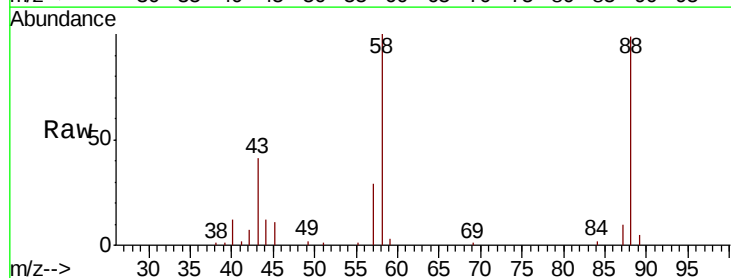
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.668 ng
RT: 3.58 min Scan# 84
Delta R.T. -0.03 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

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

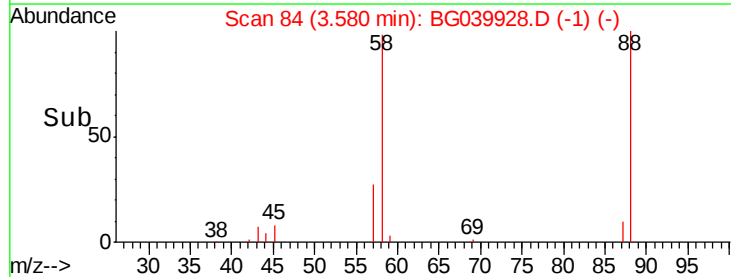
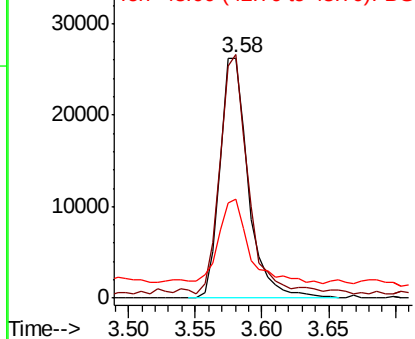


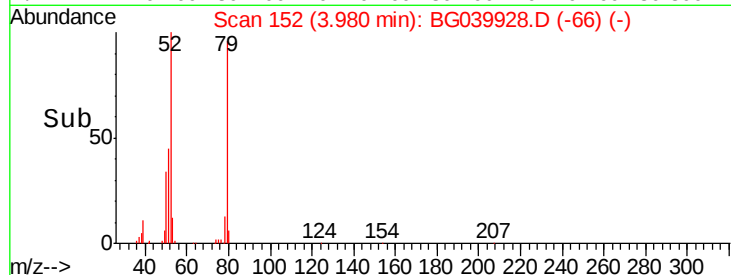
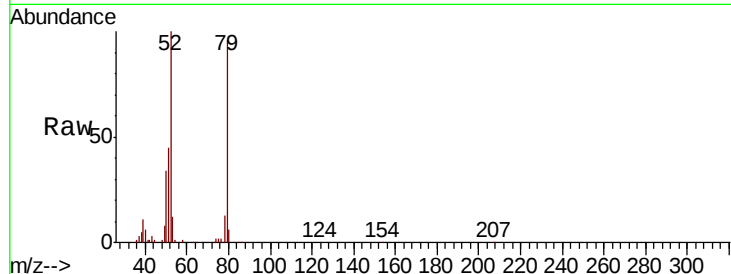
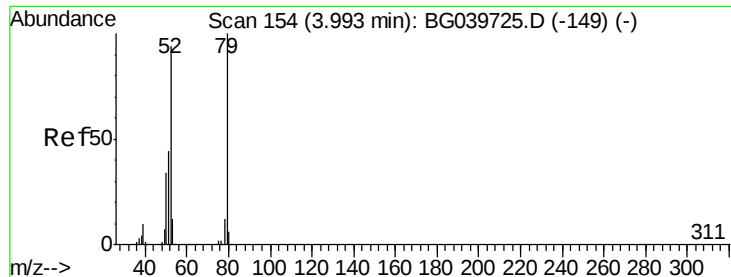
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





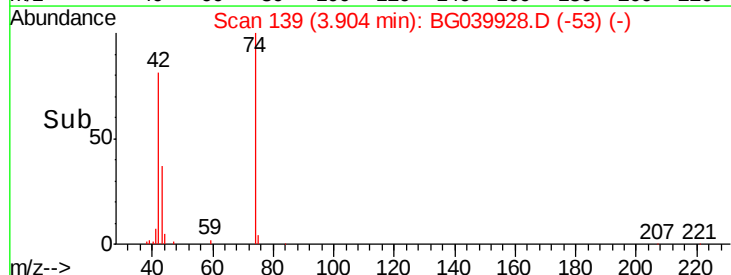
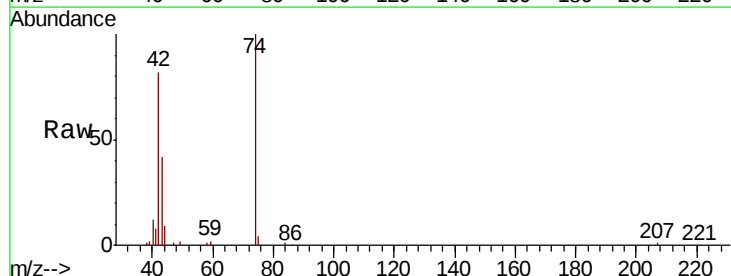
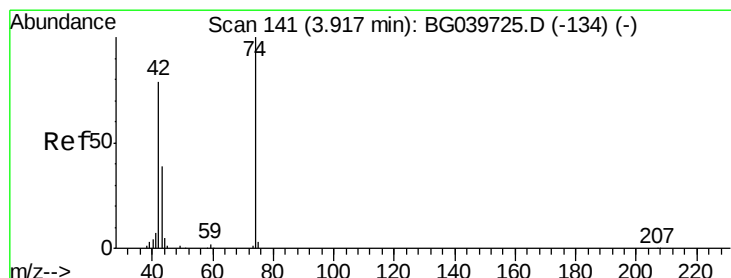
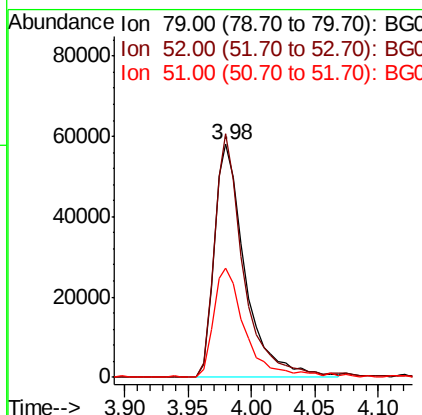
#3
 Pvridine
 Concen: 36.883 ng
 RT: 3.98 min Scan# 152
 Delta R.T. -0.03 min
 Lab File: BG039928.D
 Acq: 14 Mar 2019 17:02

Tot Ion:	79	Resp:	98102
Ion Ratio	Lower	Upper	
79	100		
52	104.6	82.6	124.0
51	47.1	37.5	56.3

Instrument :
 BNA_G
 ClientSampleId :
 PB117835BS

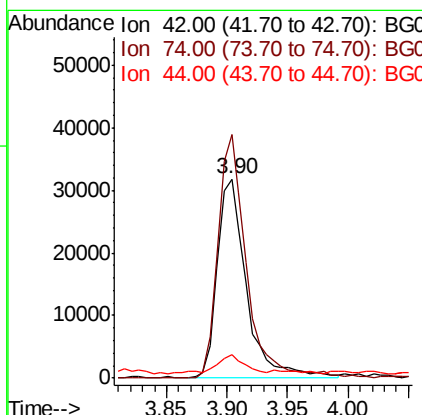
Manual Integrations
 APPROVED

Sohil
 3/15/2019 10:12:31 AM



#4
 n-Nitrosodimethylamine
 Concen: 42.186 ng
 RT: 3.90 min Scan# 139
 Delta R.T. -0.03 min
 Lab File: BG039928.D
 Acq: 14 Mar 2019 17:02

Tgt Ion:	42	Resp:	53230
Ion Ratio	Lower	Upper	
42	100		
74	122.2	83.6	125.4
44	11.5	6.9	10.3#





#5

2-Fluorophenol

Concen: 144.339 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.01 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

Instrument :

BNA_G

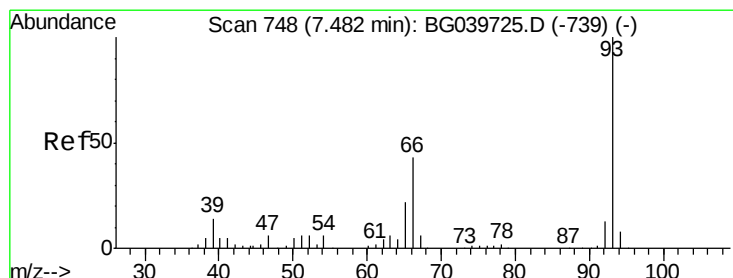
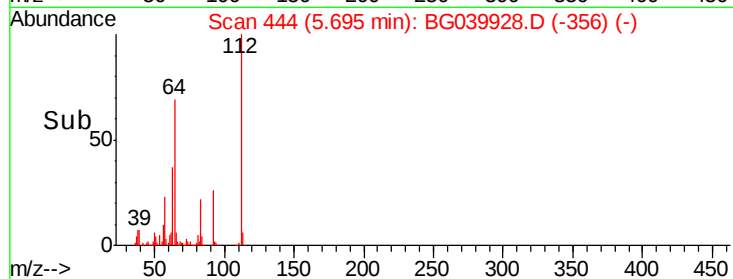
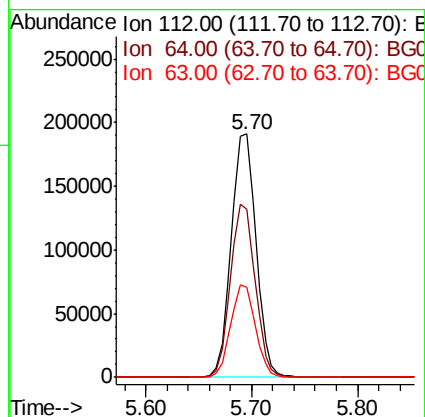
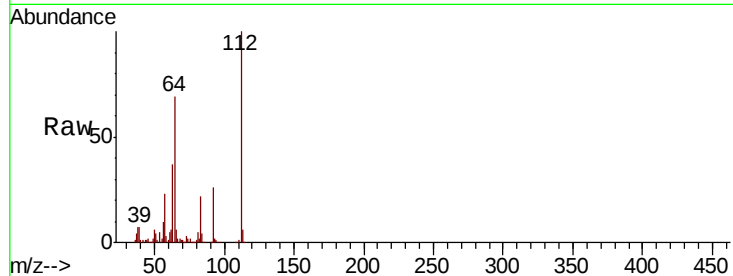
ClientSampleId :

PB117835BS

Tot Ion:	112	Resp:	310614
Ion Ratio	Lower	Upper	
112	100		
64	69.1	57.8	86.8
63	36.9	29.8	44.6

Manual Integrations
APPROVED

Sohil
3/15/2019 10:12:31 AM



#6

Aniline

Concen: 29.099 ng

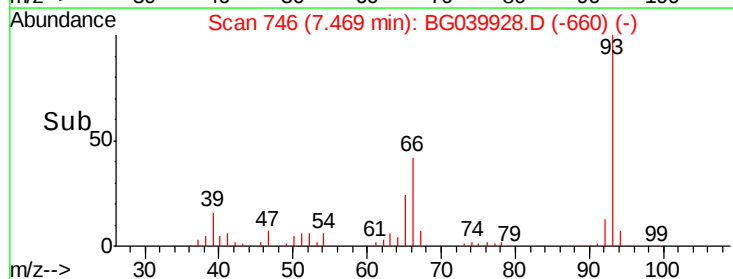
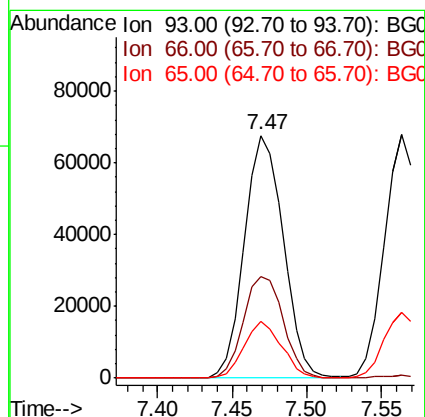
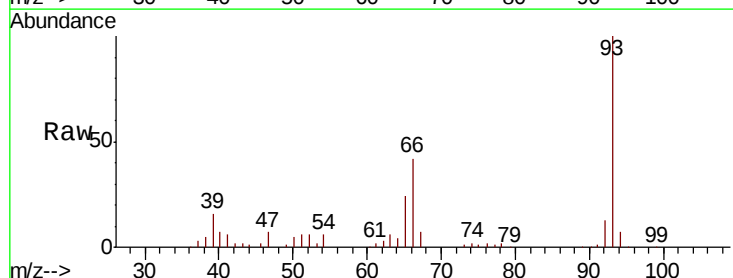
RT: 7.47 min Scan# 746

Delta R.T. -0.03 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

Tgt Ion:	93	Resp:	122327
Ion Ratio	Lower	Upper	
93	100		
66	41.8	34.2	51.4
65	23.5	17.7	26.5





#7

Phenol-d6

Concen: 135.315 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

Instrument :

BNA_G

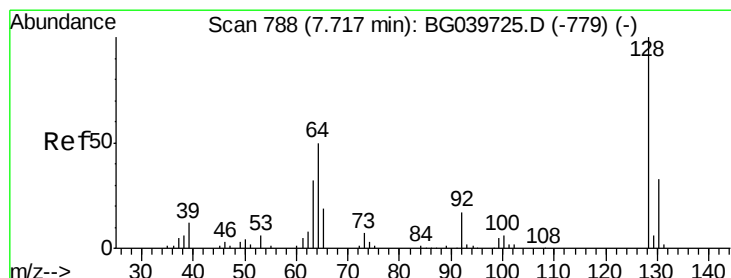
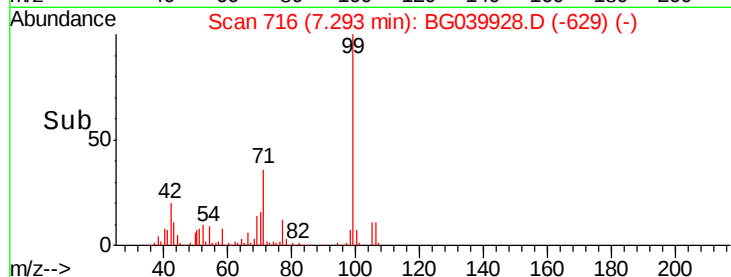
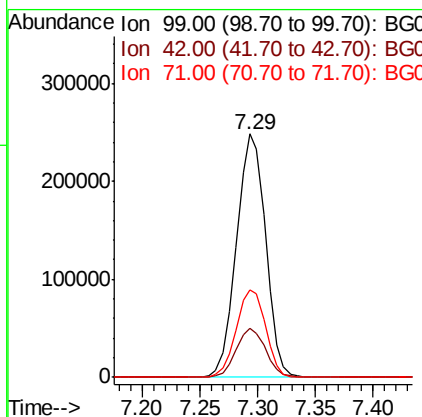
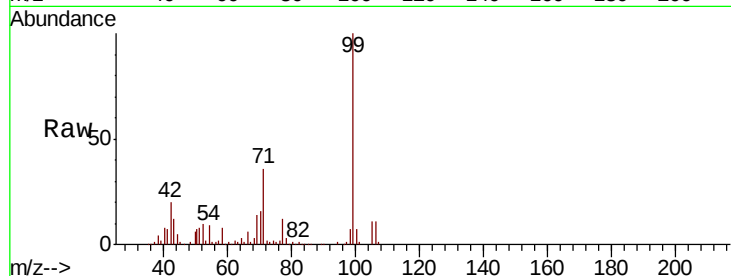
ClientSampleId :

PB117835BS

Tot Ion:	99	Resp:	434188
Ion Ratio	Lower	Upper	
99	100		
42	20.2	18.2	27.2
71	35.9	28.0	42.0

Manual Integrations
APPROVED

Sohil
3/15/2019 10:12:31 AM



#8

2-Chlorophenol

Concen: 42.130 ng

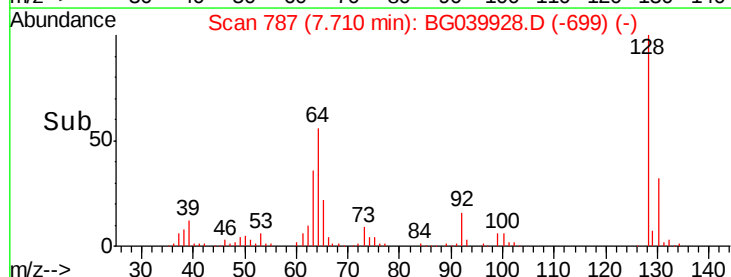
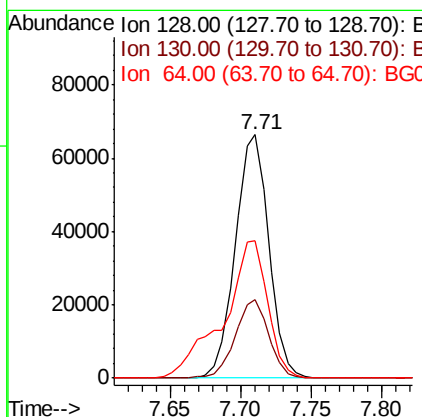
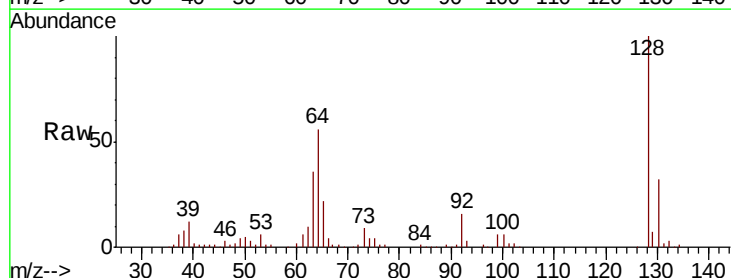
RT: 7.71 min Scan# 787

Delta R.T. -0.01 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

Tgt Ion:	128	Resp:	109990
Ion Ratio	Lower	Upper	
128	100		
130	32.3	12.9	52.9
64	56.2	38.7	78.7





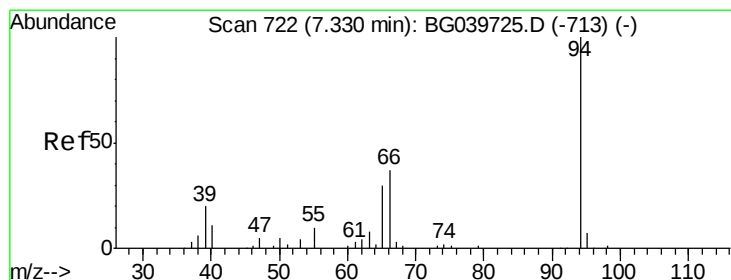
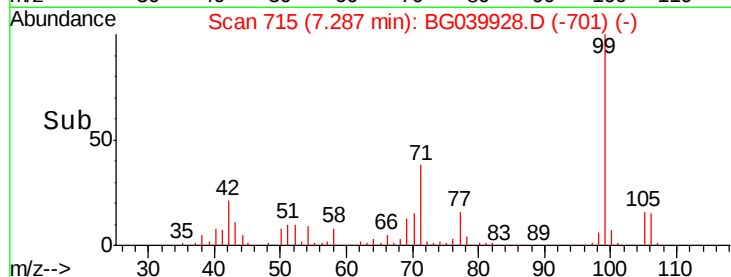
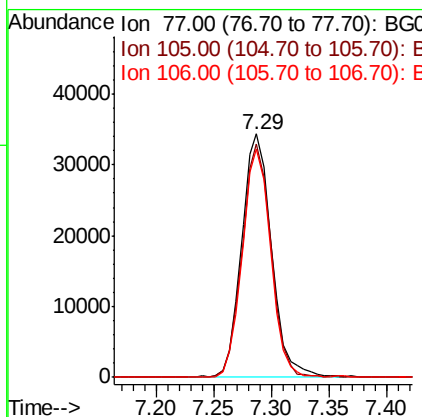
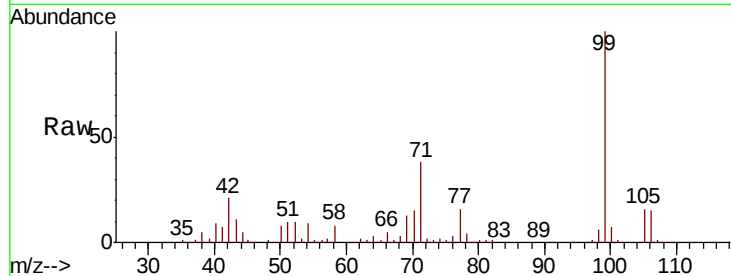
#9
Benzaldehyde
Concen: 29.755 ng
RT: 7.29 min Scan# 715
Delta R.T. -0.02 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Instrument :
BNA_G
ClientSampleId :
PB117835BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	95.6	74.5	114.5	
106	93.6	68.0	108.0	

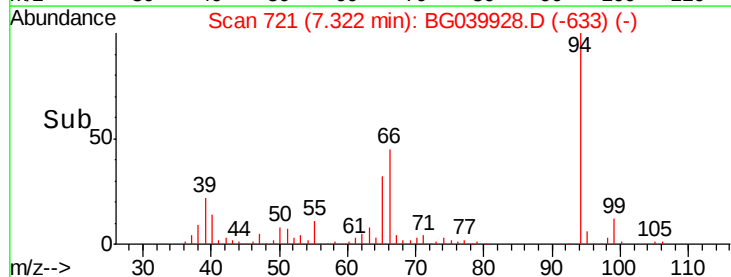
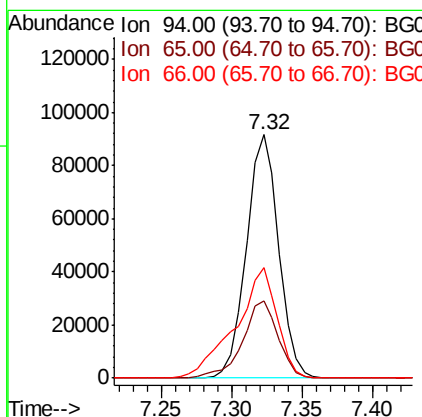
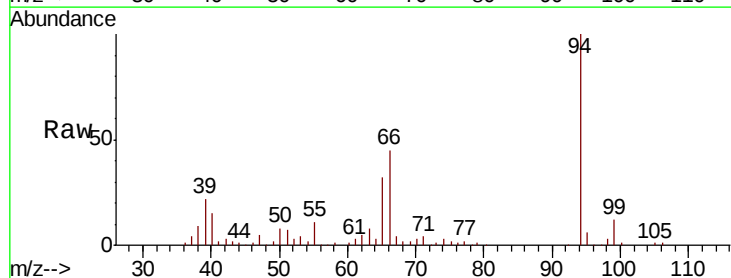
Manual Integrations
APPROVED

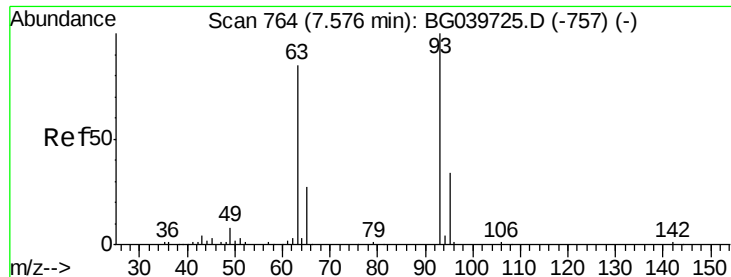
Sohil
3/15/2019 10:12:31 AM



#10
Phenol
Concen: 42.224 ng
RT: 7.32 min Scan# 721
Delta R.T. -0.01 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	31.9	11.7	51.7	
66	45.3	23.7	63.7	





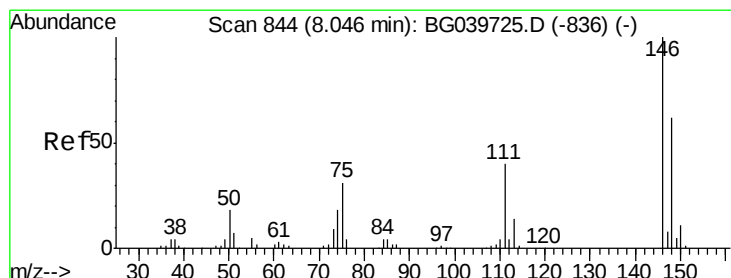
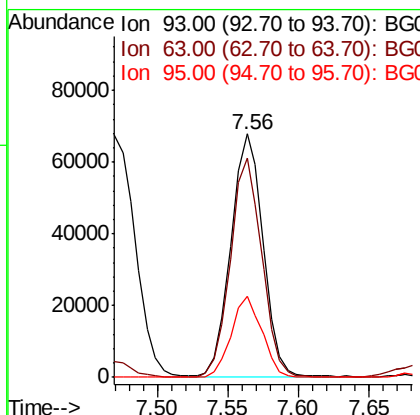
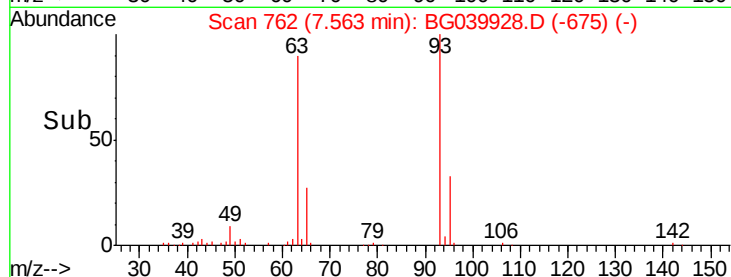
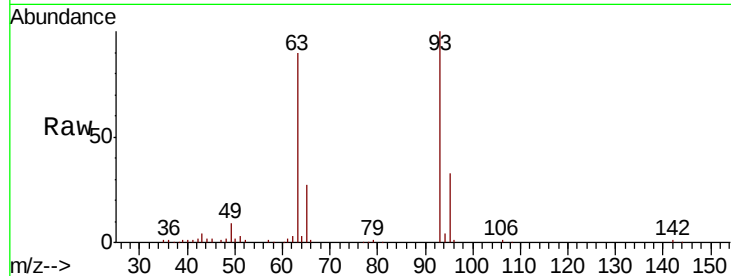
#11
bis(2-Chloroethyl)ether
Concen: 39.865 ng
RT: 7.56 min Scan# 762
Delta R.T. -0.02 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Instrument :
BNA_G
ClientSampleId :
PB117835BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.8	69.5	109.5
95	33.5	12.7	52.7

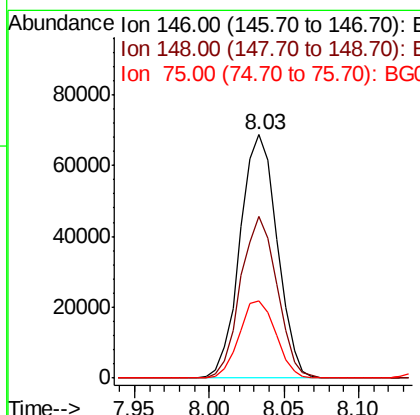
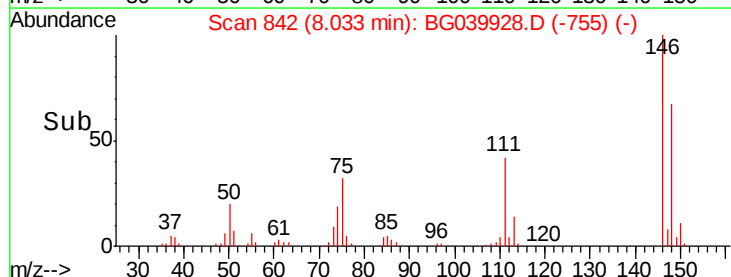
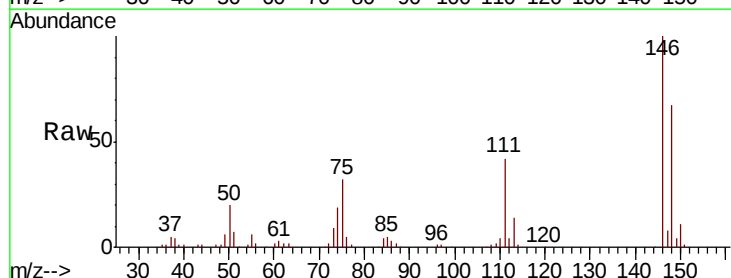
Manual Integrations
APPROVED

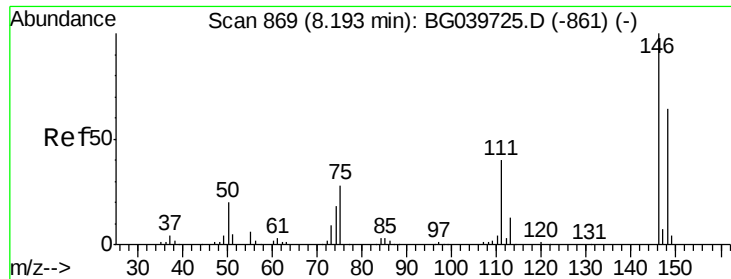
Sohil
3/15/2019 10:12:31 AM



#12
1,3-Dichlorobenzene
Concen: 40.110 ng
RT: 8.03 min Scan# 842
Delta R.T. -0.02 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.6	52.6	79.0
75	31.8	25.8	38.6





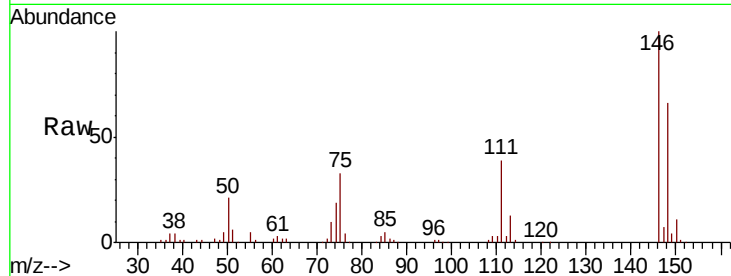
#13
1,4-Dichlorobenzene
Concen: 39.991 ng
RT: 8.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Instrument :
BNA_G
ClientSampleId :
PB117835BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.1	76.7
111	38.7	32.6	48.8

Manual Integrations
APPROVED

Sohil
3/15/2019 10:12:31 AM

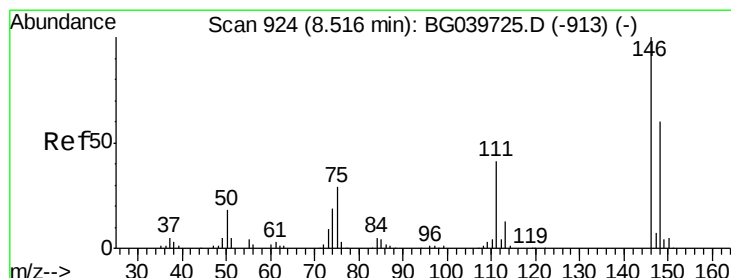
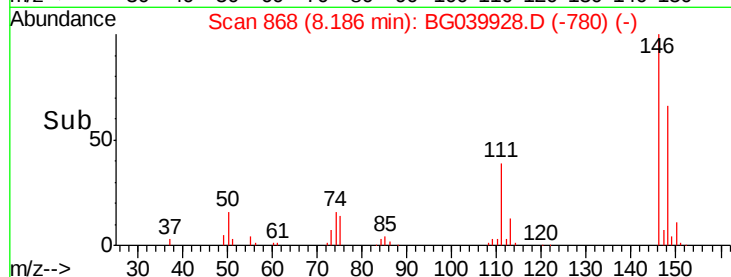
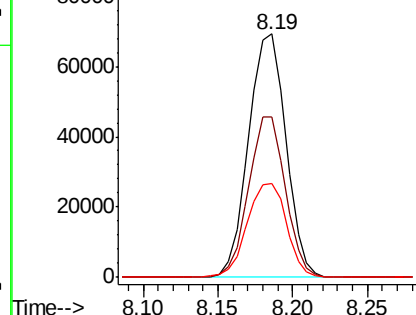


Abundance

Ion 146.00 (145.70 to 146.70): E

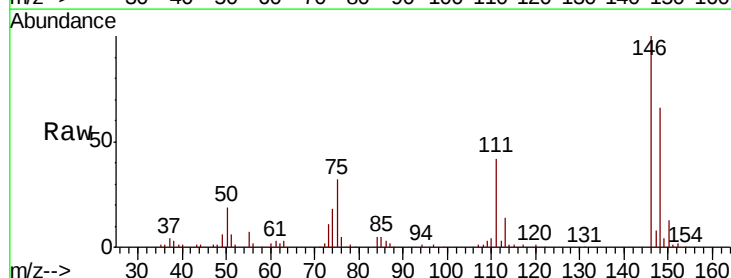
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 39.234 ng
RT: 8.50 min Scan# 922
Delta R.T. -0.02 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.2	51.5	77.3
111	41.6	33.8	50.6

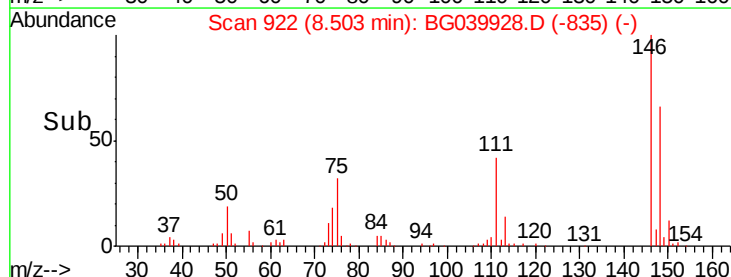
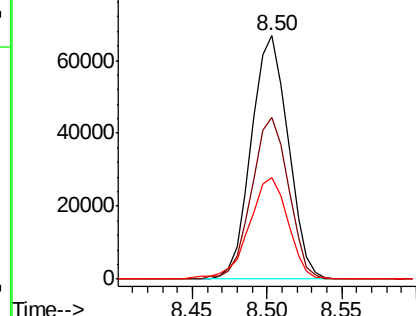


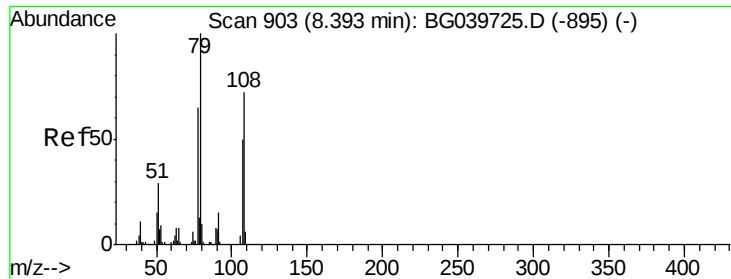
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.157 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

Instrument :

BNA_G

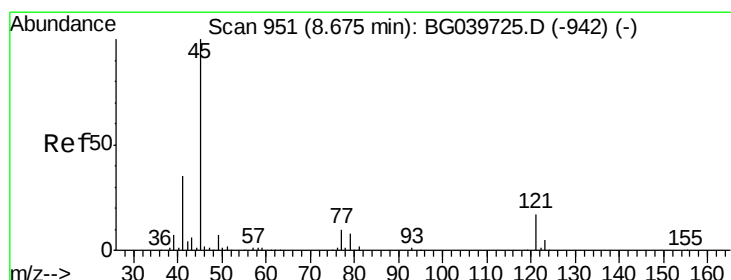
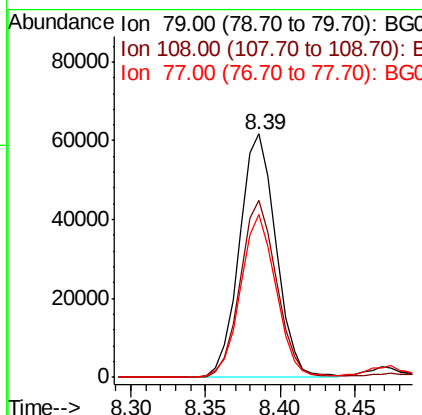
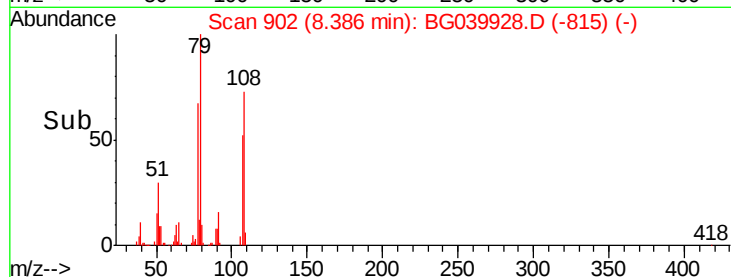
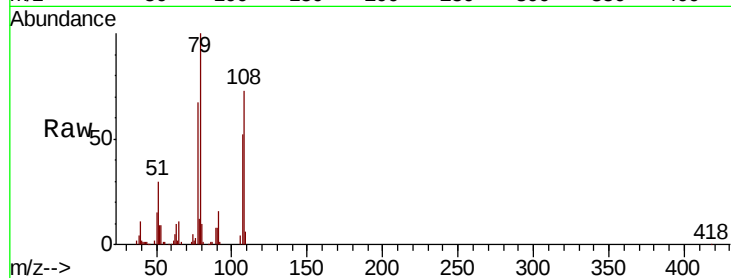
ClientSampleId :

PB117835BS

Tot Ion:	79	Resp:	104758
Ion Ratio	Lower	Upper	
79	100		
108	72.8	57.8	86.6
77	67.1	51.1	76.7

Manual Integrations
APPROVED

Sohil
3/15/2019 10:12:31 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.079 ng

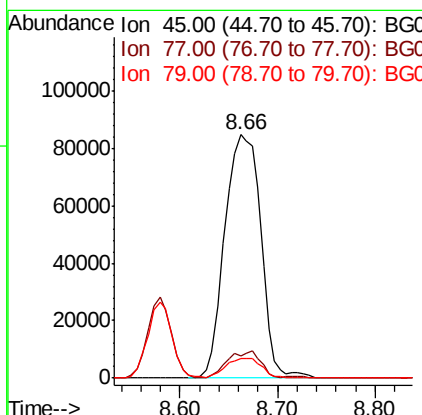
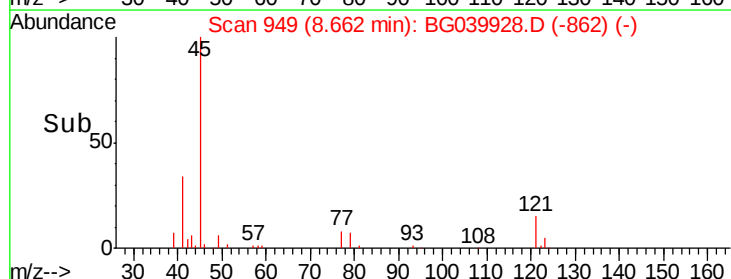
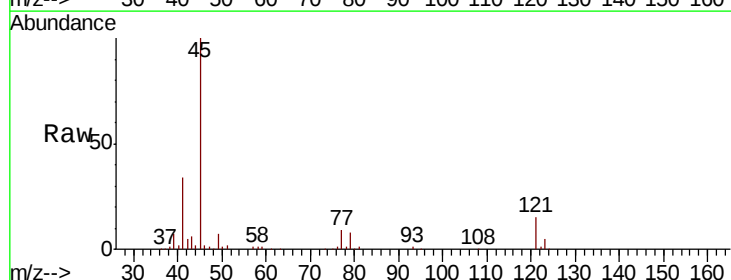
RT: 8.66 min Scan# 949

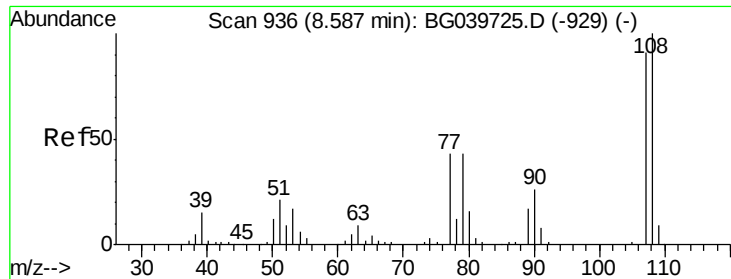
Delta R.T. -0.02 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

Tgt Ion:	45	Resp:	217244
Ion Ratio	Lower	Upper	
45	100		
77	9.2	0.0	30.0
79	7.8	0.0	27.5





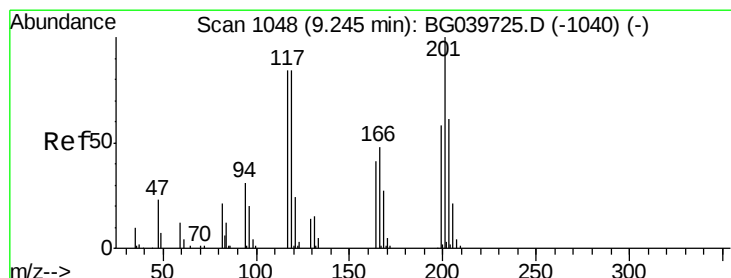
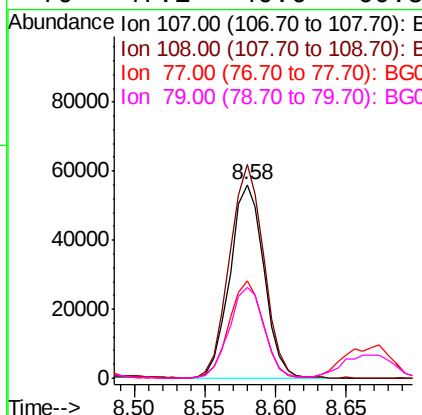
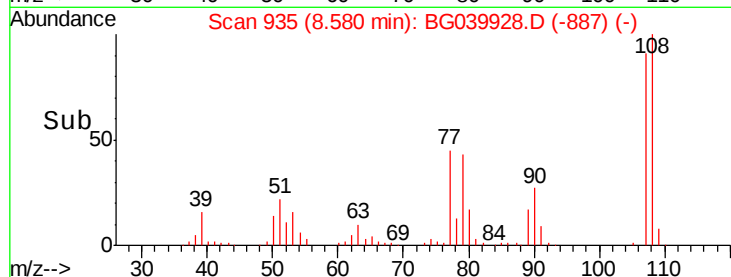
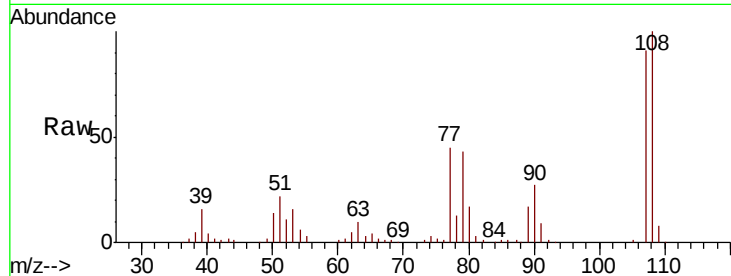
#17
2-Methylphenol
Concen: 42.479 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.02 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Instrument :
BNA_G
ClientSampled :
PB117835BS

Tot Ion:	107	Resp:	94154
Ion Ratio	Lower	Upper	
107	100		
108	110.2	90.8	136.2
77	50.0	40.7	61.1
79	47.1	40.6	60.8

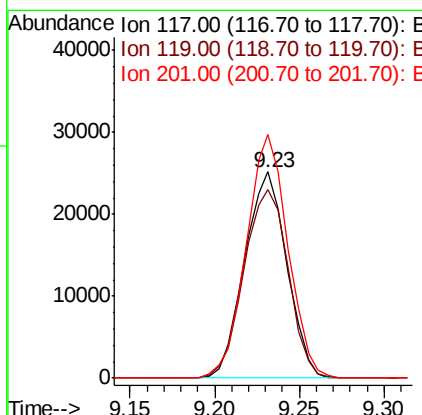
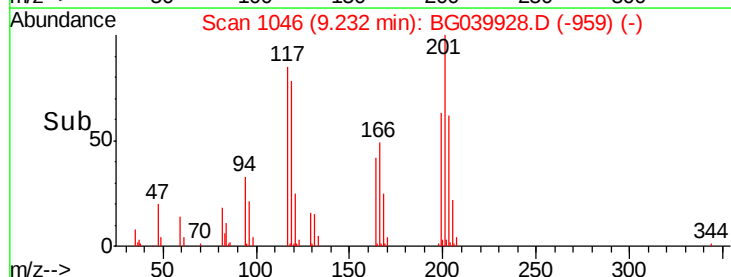
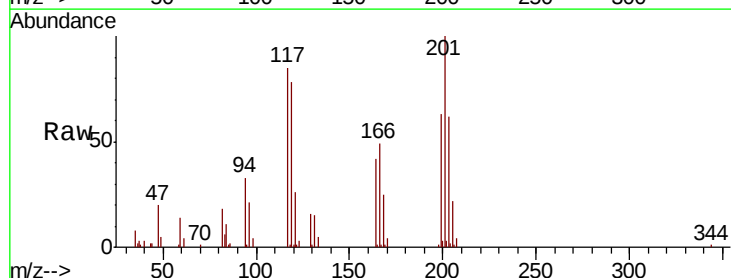
Manual Integrations
APPROVED

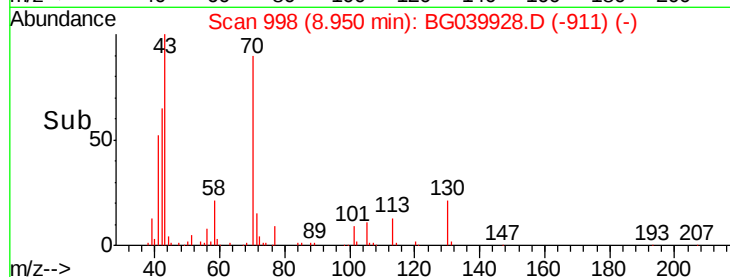
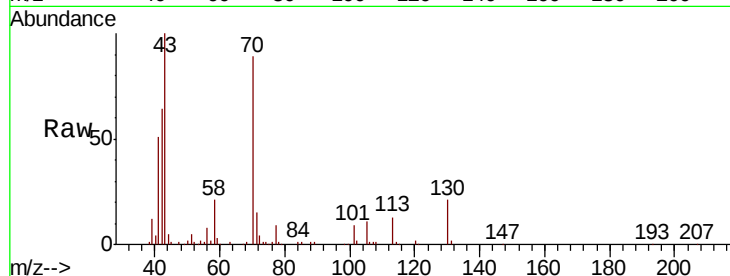
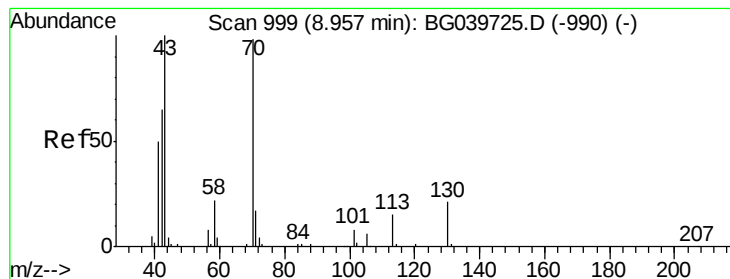
Sohil
3/15/2019 10:12:31 AM



#18
Hexachloroethane
Concen: 40.325 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Tgt Ion:	117	Resp:	43517
Ion Ratio	Lower	Upper	
117	100		
119	91.5	76.3	114.5
201	118.0	91.1	136.7





#19

n-Nitroso-di-n-propylamine

Concen: 37.423 ng

RT: 8.95 min Scan# 998

Delta R.T. -0.02 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

Instrument :

BNA_G

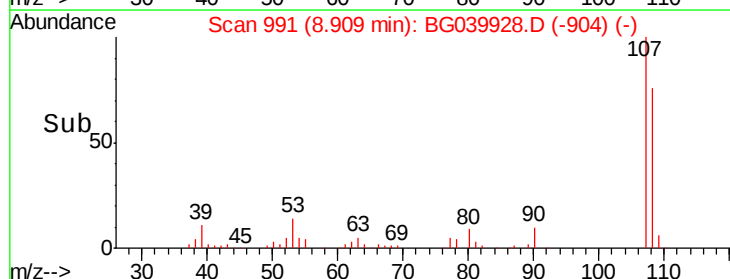
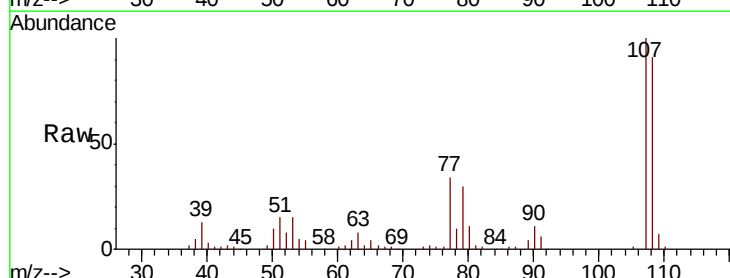
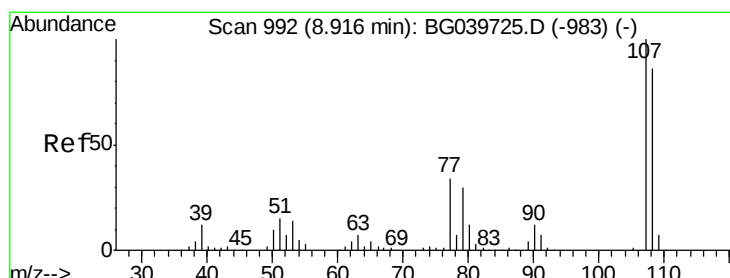
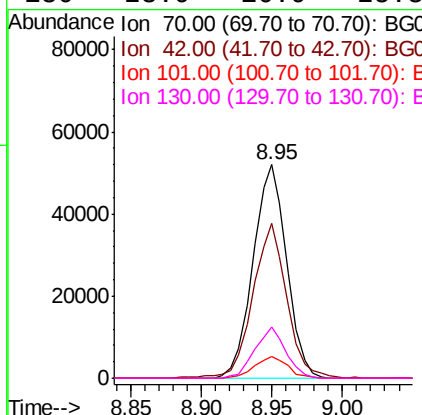
ClientSampleId :

PB117835BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	72.3	60.4	90.6
101	10.4	7.5	11.3
130	23.9	16.9	25.3

Manual Integrations
APPROVED

Sohil
3/15/2019 10:12:31 AM



#20

3+4-Methylphenols

Concen: 42.572 ng

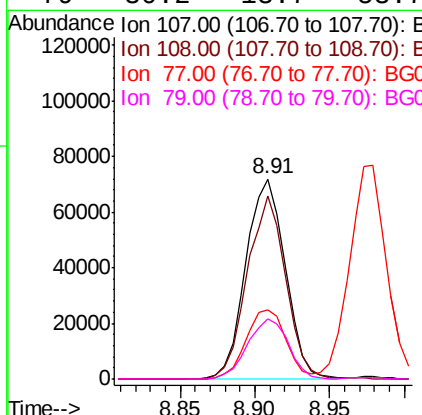
RT: 8.91 min Scan# 991

Delta R.T. -0.02 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.3	67.9	107.9
77	34.4	15.4	55.4
79	30.2	13.7	53.7





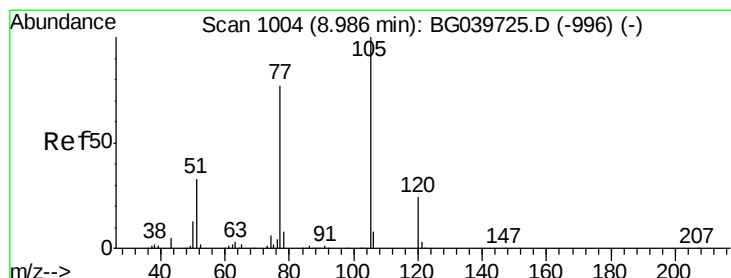
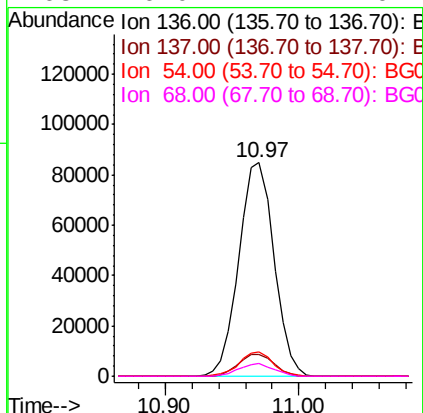
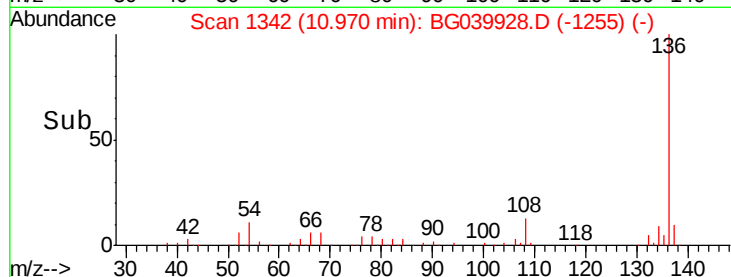
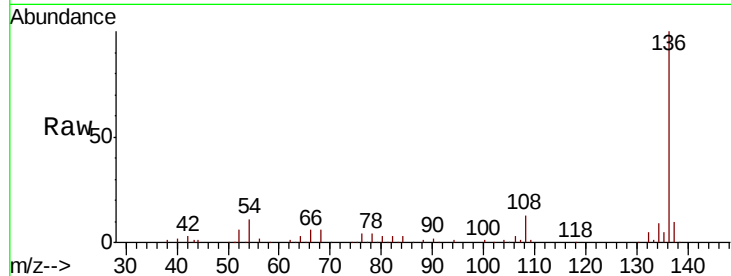
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Instrument :
BNA_G
ClientSampleId :
PB117835BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	154705		
137	10.2		9.1	13.7
54	11.5		9.4	14.2
68	6.0		4.2	6.4

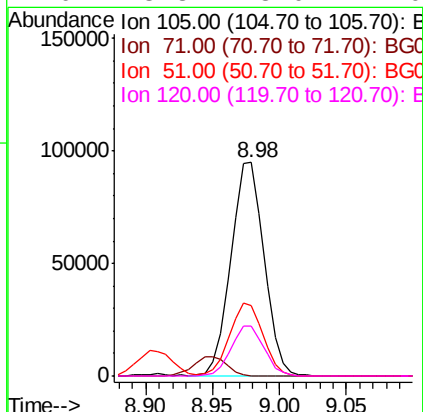
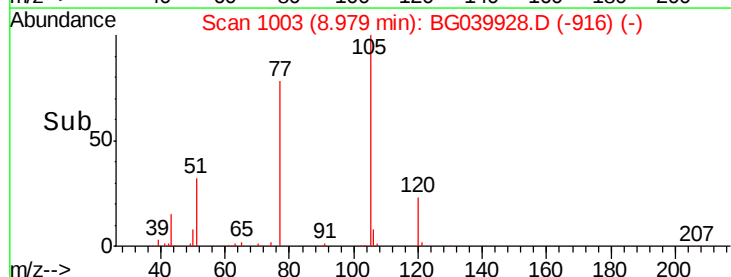
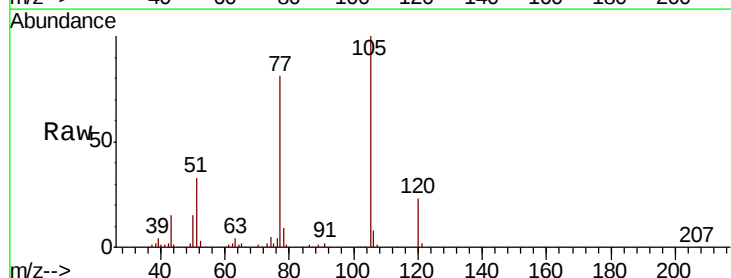
Manual Integrations
APPROVED

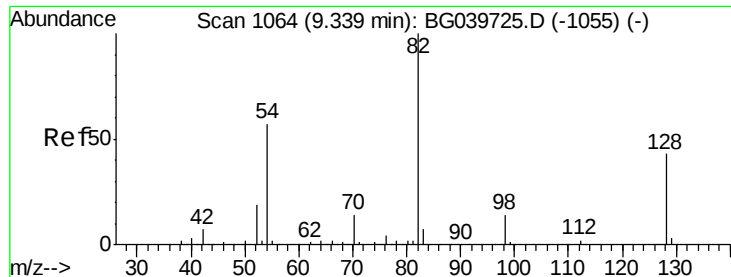
Sohil
3/15/2019 10:12:31 AM



#22
Acetophenone
Concen: 39.758 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	165084		
71	0.3		0.8	1.2#
51	32.8		30.2	45.2
120	23.3		18.0	27.0





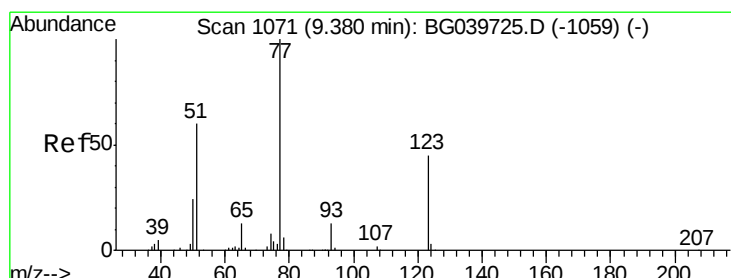
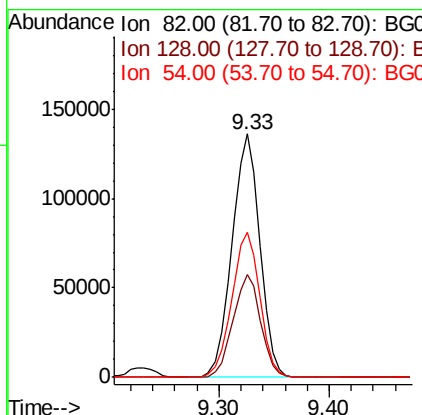
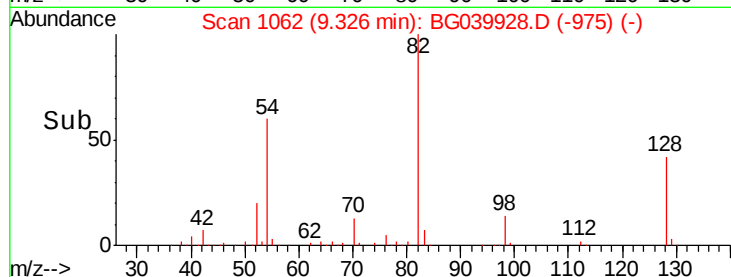
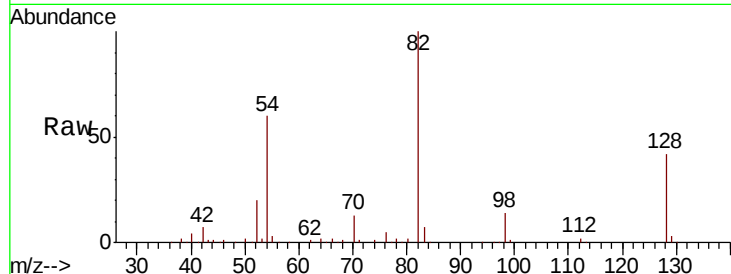
#23
 Nitrobenzene-d5
 Concen: 84.033 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.02 min
 Lab File: BG039928.D
 Acq: 14 Mar 2019 17:02

Instrument :
 BNA_G
 ClientSampleId :
 PB117835BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	240373		
128	42.4	31.3	46.9	
54	59.7	50.9	76.3	

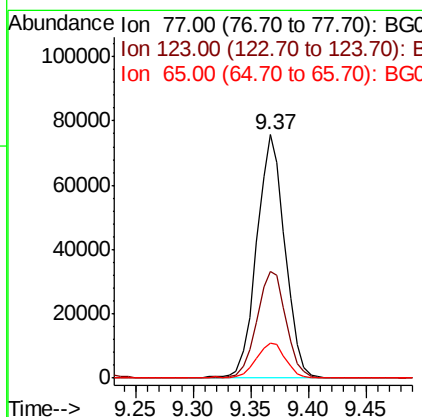
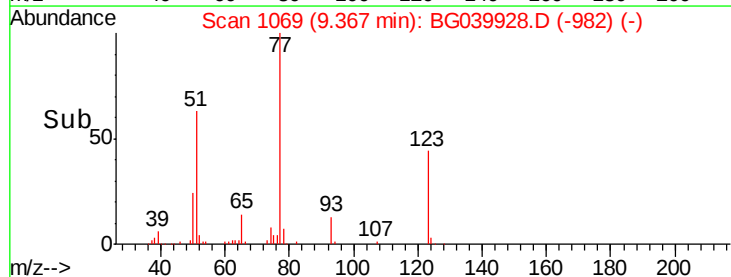
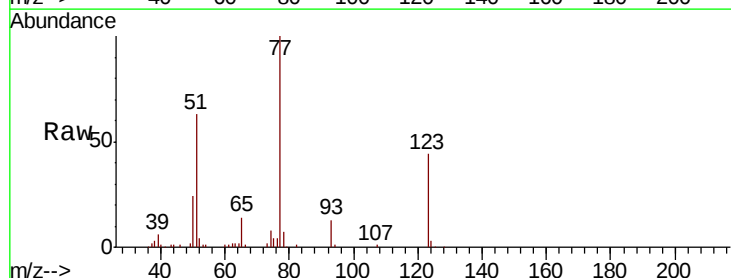
Manual Integrations
 APPROVED

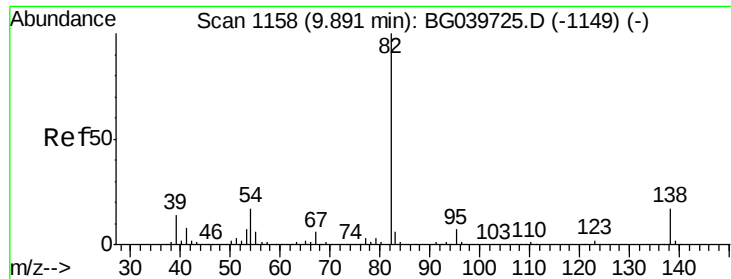
Sohil
 3/15/2019 10:12:31 AM



#24
 Nitrobenzene
 Concen: 43.053 ng
 RT: 9.37 min Scan# 1069
 Delta R.T. -0.02 min
 Lab File: BG039928.D
 Acq: 14 Mar 2019 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	129194		
123	43.6	34.1	51.1	
65	14.3	12.3	18.5	





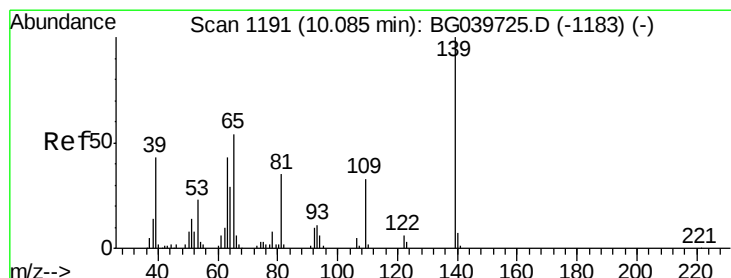
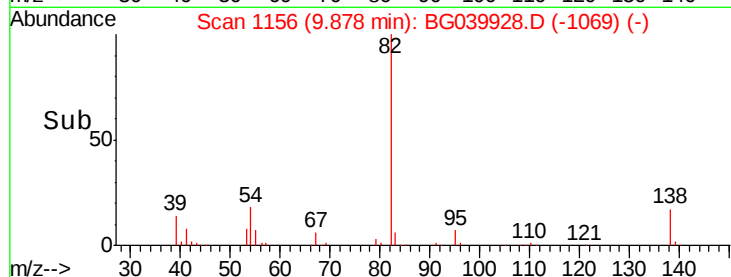
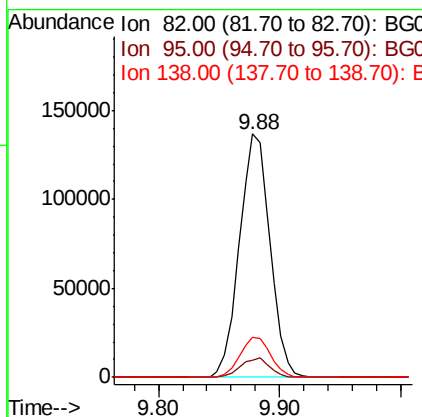
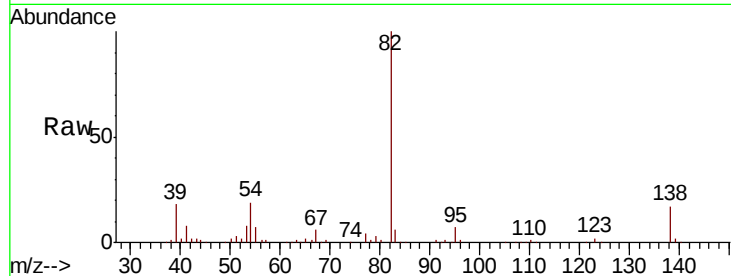
#25
Isophorone
Concen: 40.274 ng
RT: 9.88 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Instrument :
BNA_G
ClientSampleId :
PB117835BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	241388		
95	7.1		6.2	9.2
138	16.6		13.0	19.4

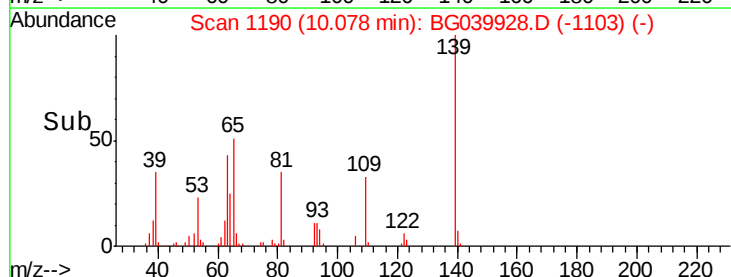
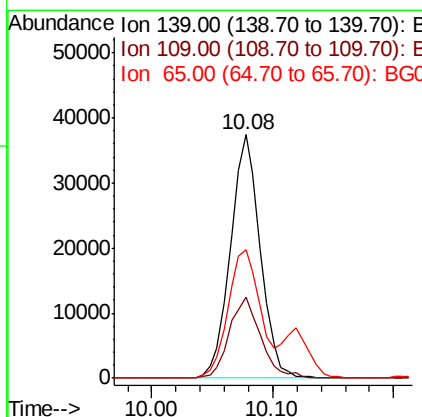
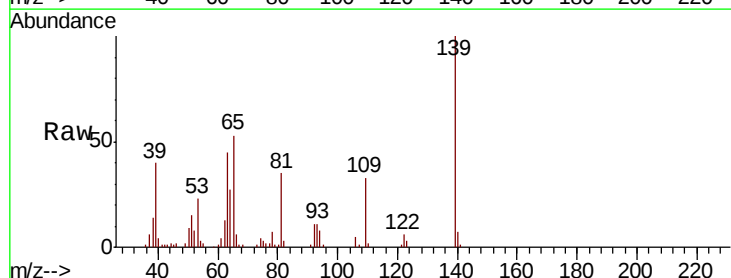
Manual Integrations
APPROVED

Sohil
3/15/2019 10:12:31 AM



#26
2-Nitrophenol
Concen: 44.133 ng
RT: 10.08 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	63943		
109	33.3		23.4	35.0
65	53.0		44.3	66.5





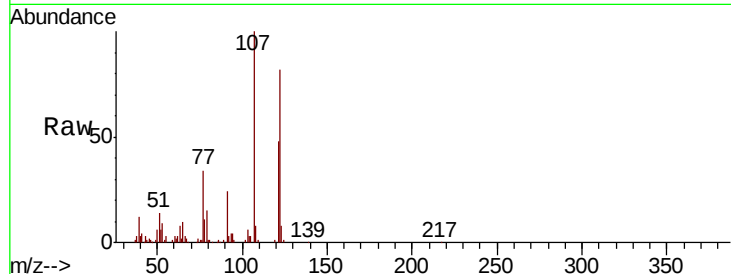
#27
2,4-Dimethylphenol
Concen: 49.265 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Instrument :
BNA_G
ClientSampleId :
PB117835BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	121.2	91.7	137.5	
121	58.0	46.4	69.6	

Manual Integrations
APPROVED

Sohil
3/15/2019 10:12:31 AM

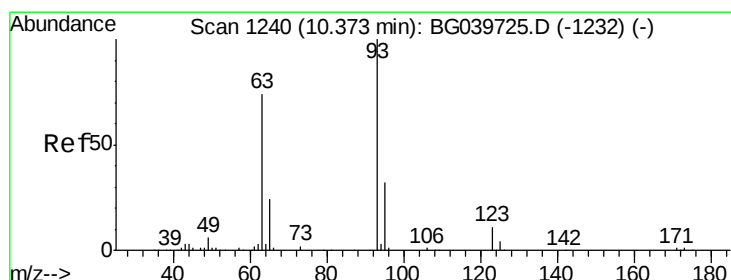
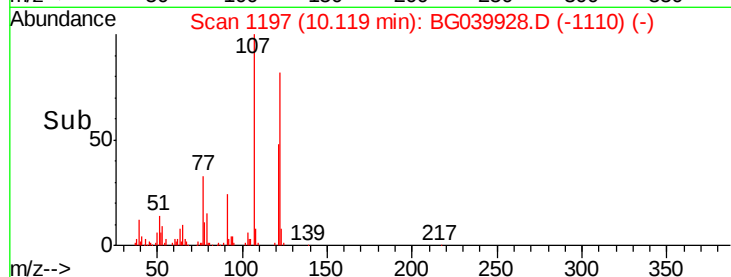
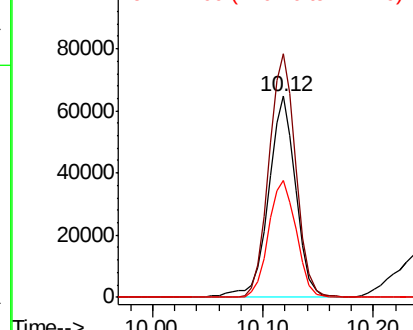


Abundance

Ion 122.00 (121.70 to 122.70): E

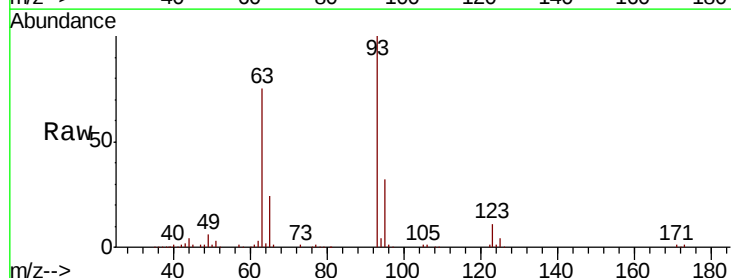
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 40.906 ng
RT: 10.36 min Scan# 1238
Delta R.T. -0.02 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	32.1	25.0	37.4	
123	11.2	8.6	12.8	

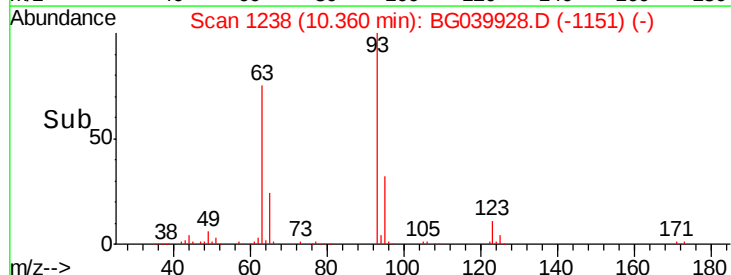
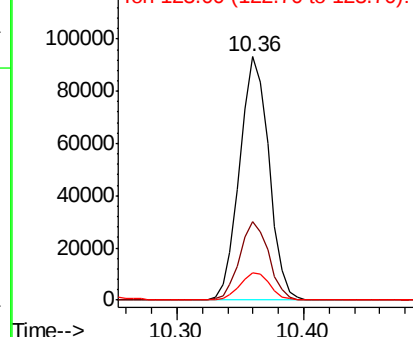


Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





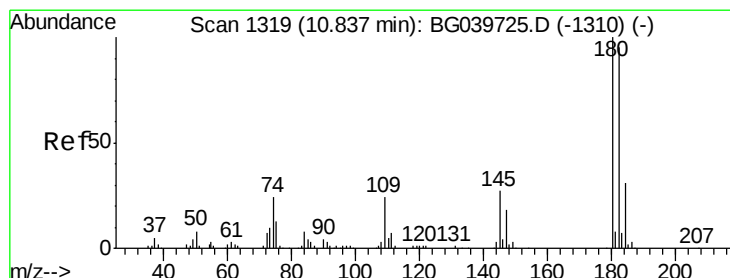
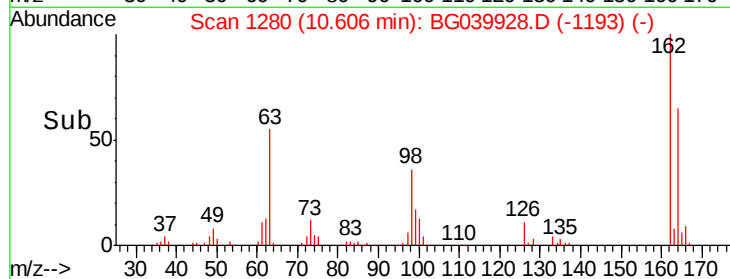
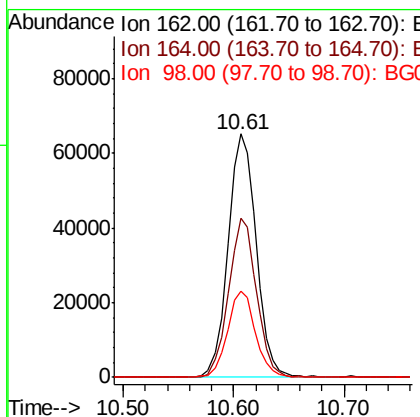
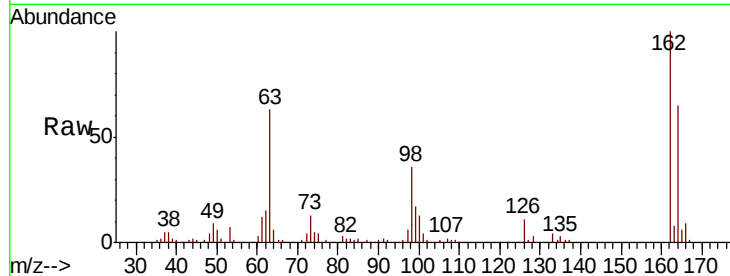
#29
 2,4-Dichlorophenol
 Concen: 45.949 ng
 RT: 10.61 min Scan# 1280
 Delta R.T. -0.02 min
 Lab File: BG039928.D
 Acq: 14 Mar 2019 17:02

Instrument :
 BNA_G
 ClientSampleId :
 PB117835BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	116575		
164	65.3	48.1	88.1	
98	35.6	18.1	58.1	

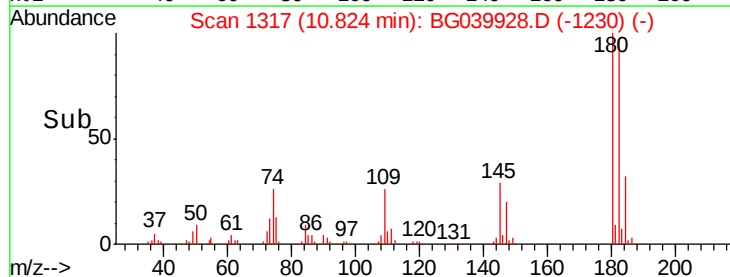
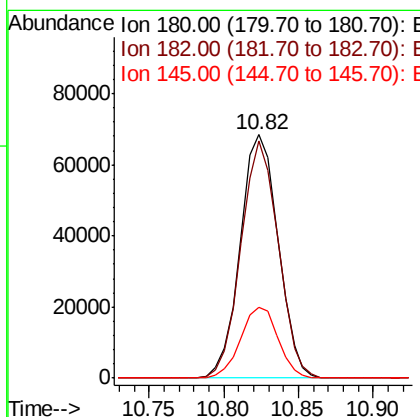
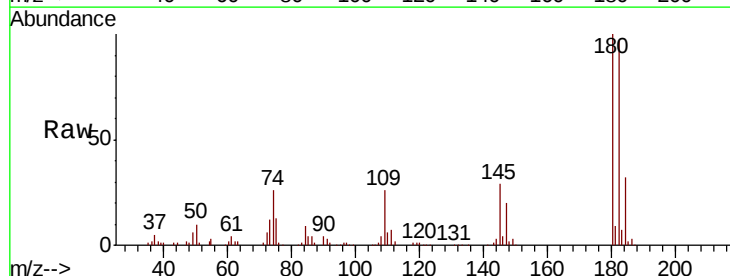
Manual Integrations
 APPROVED

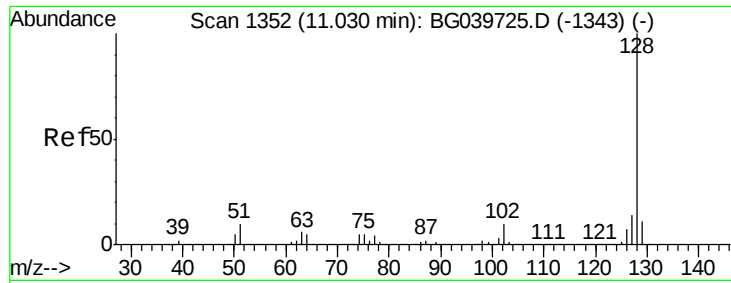
Sohil
 3/15/2019 10:12:31 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 42.199 ng
 RT: 10.82 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BG039928.D
 Acq: 14 Mar 2019 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	120471		
182	97.4	76.0	114.0	
145	29.2	22.7	34.1	





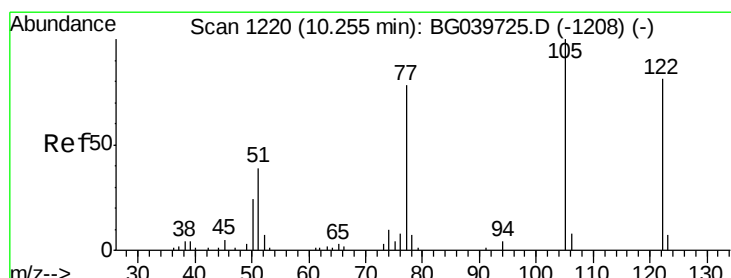
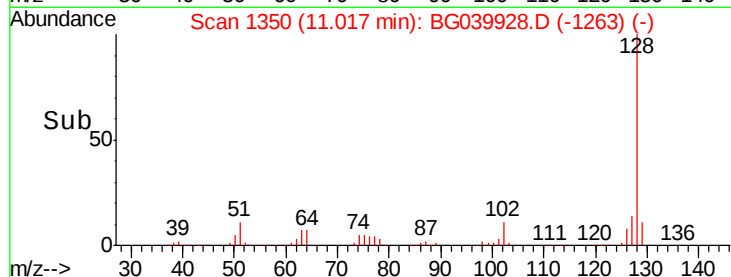
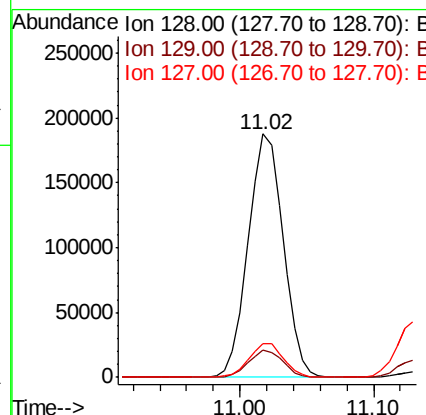
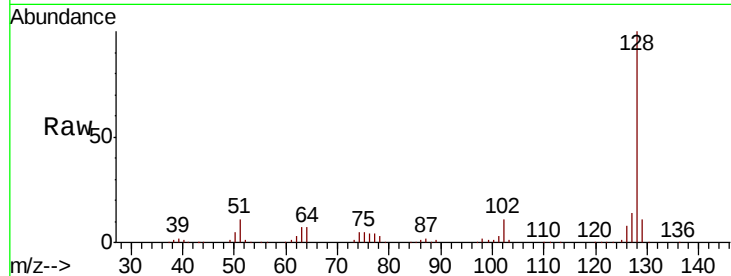
#31
Naphthalene
Concen: 41.464 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Instrument :
BNA_G
ClientSampleId :
PB117835BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.7	13.1
127	13.7	10.8	16.2

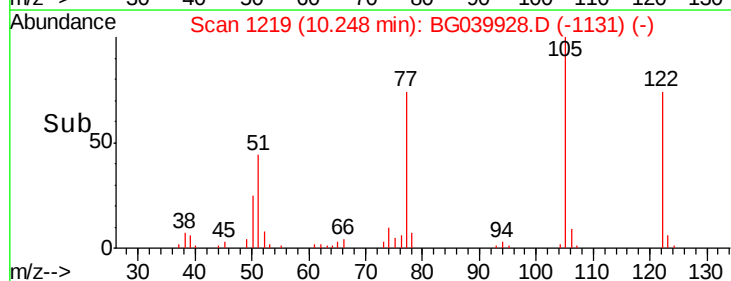
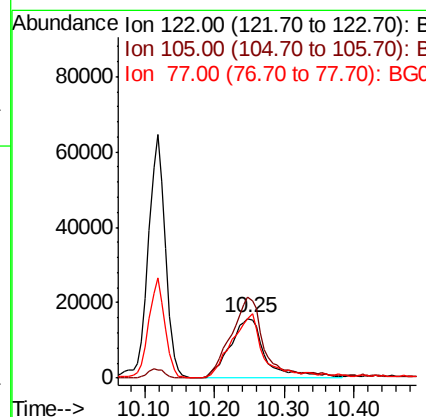
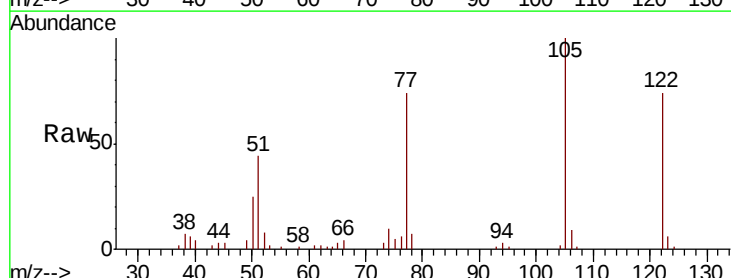
Manual Integrations
APPROVED

Sohil
3/15/2019 10:12:31 AM



#32
Benzoic acid
Concen: 37.936 ng m
RT: 10.25 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.9	101.8	141.8
77	101.0	76.3	116.3





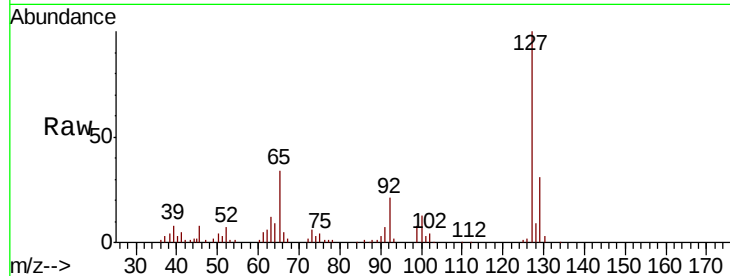
#33
4-Chloroaniline
Concen: 22.917 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Instrument :
BNA_G
ClientSampleId :
PB117835BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.3	27.0	40.4
65	33.7	28.8	43.2
92	21.0	16.6	25.0

Manual Integrations
APPROVED

Sohil
3/15/2019 10:12:31 AM



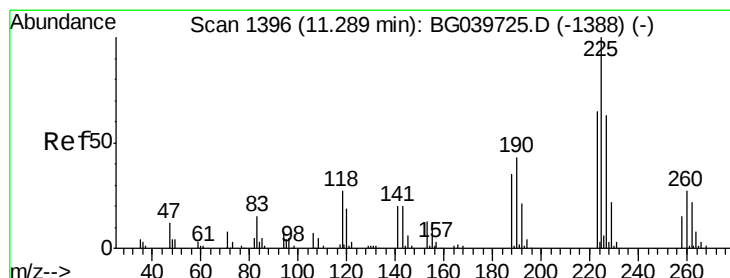
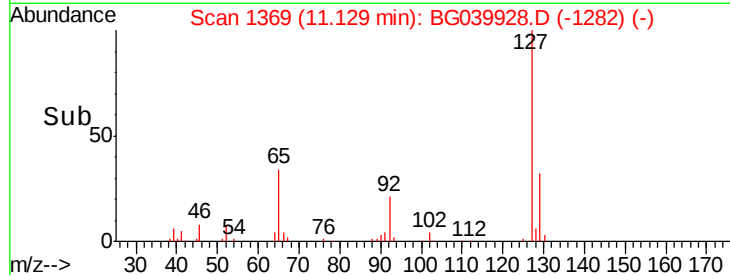
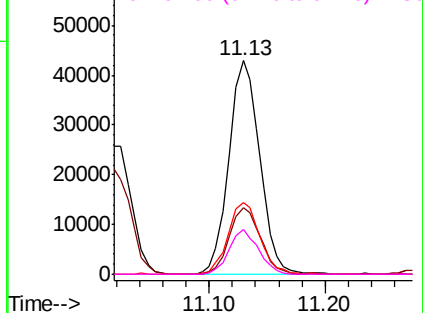
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

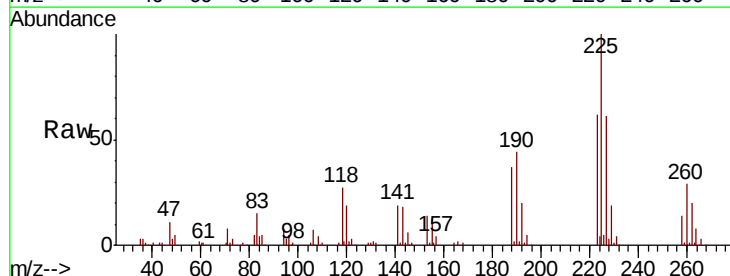
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 42.266 ng
RT: 11.28 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	49.0	73.6
227	61.4	46.3	69.5

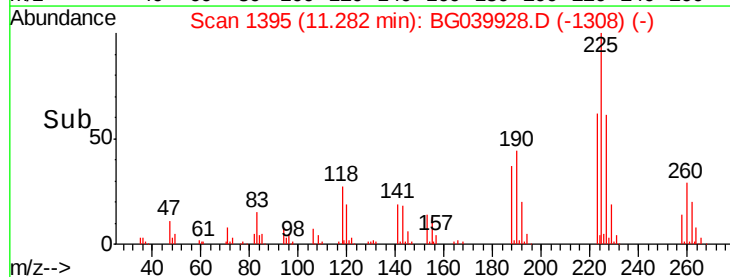
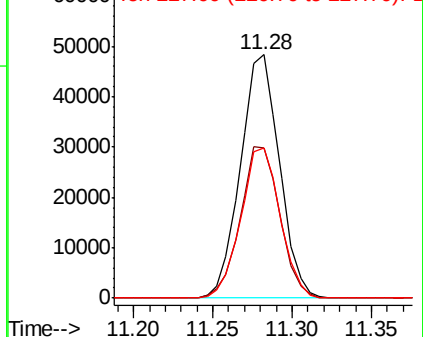


Abundance

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: 42.214 ng

RT: 11.91 min Scan# 1502

Delta R.T. -0.03 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

Instrument :

BNA_G

ClientSampled :

PB117835BS

Tot Ion:113 Resp: 40911

Ion Ratio Lower Upper

113 100

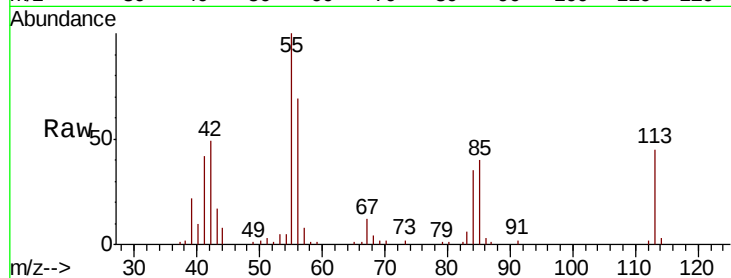
55 221.1 216.9 256.9

56 152.5 152.6 192.6#

Manual Integrations
APPROVED

Sohil

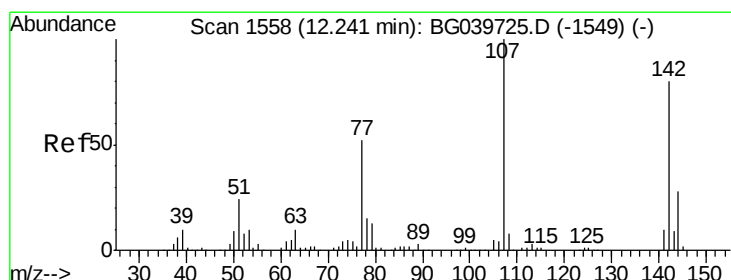
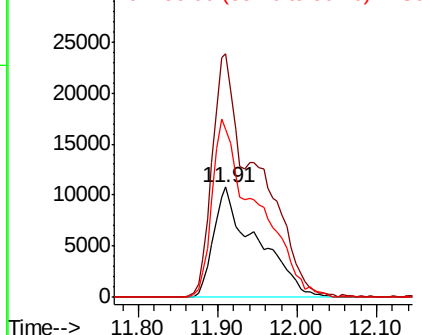
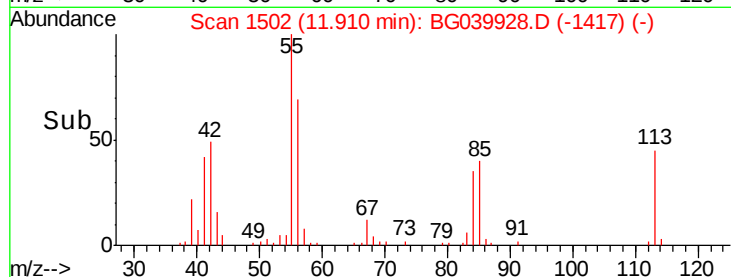
3/15/2019 10:12:31 AM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG039928.D (-1417) (-)

Ion 56.00 (55.70 to 56.70): BG039928.D (-1417) (-)



#36

4-Chloro-3-methylphenol

Concen: 43.884 ng

RT: 12.23 min Scan# 1556

Delta R.T. -0.02 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

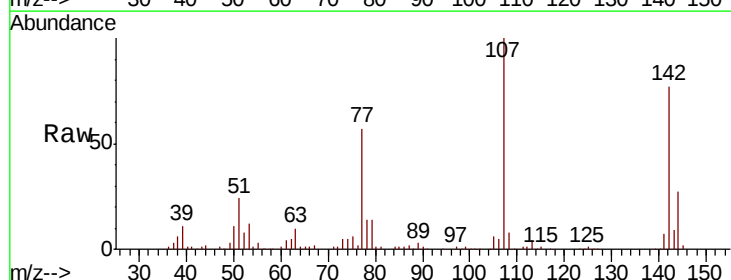
Tgt Ion:107 Resp: 127626

Ion Ratio Lower Upper

107 100

144 26.6 20.2 30.2

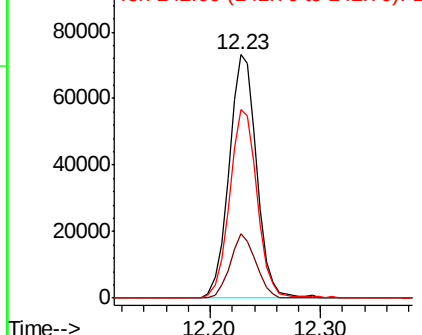
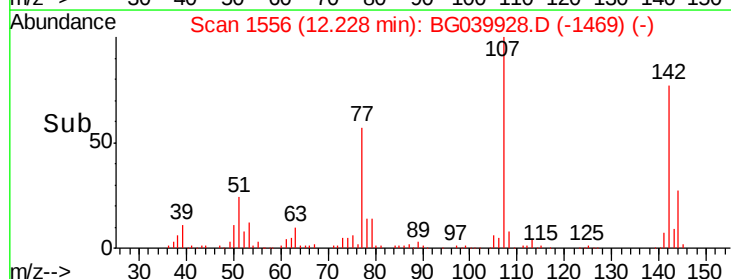
142 77.3 61.4 92.2

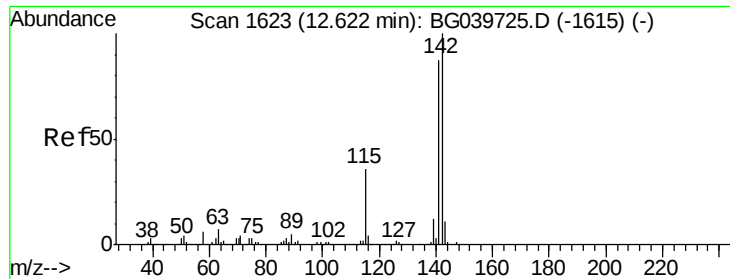


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





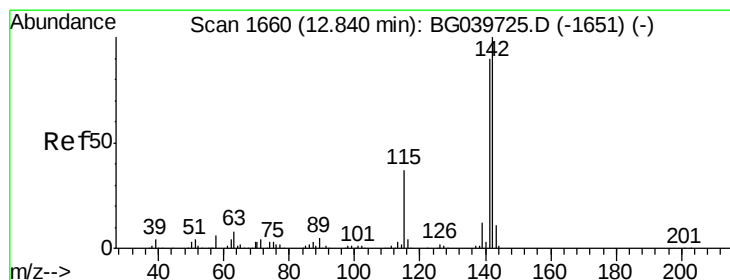
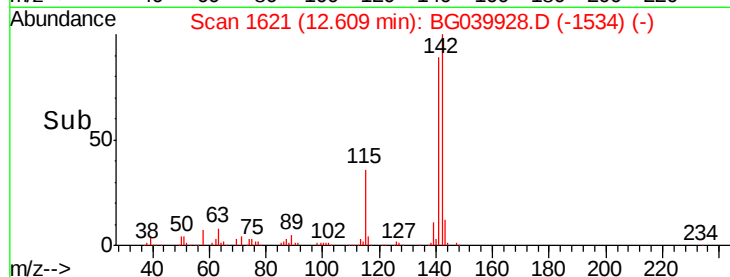
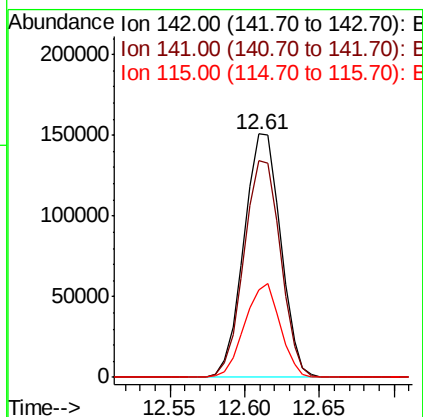
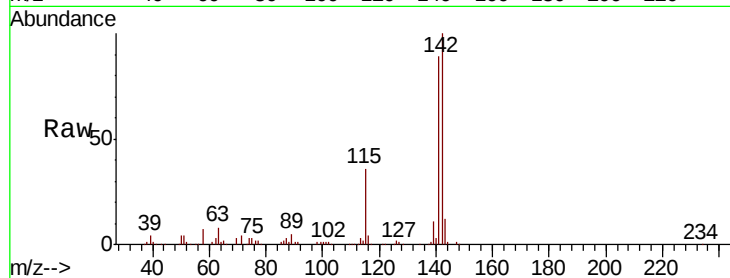
#37
2-Methylnaphthalene
Concen: 42.054 ng
RT: 12.61 min Scan# 1621
Delta R.T. -0.02 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Instrument :
BNA_G
ClientSampleId :
PB117835BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	73.5	110.3
115	36.1	30.8	46.2

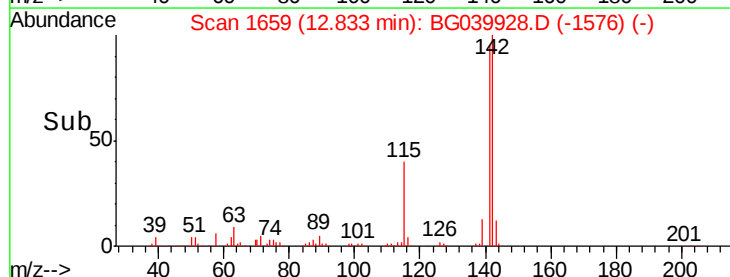
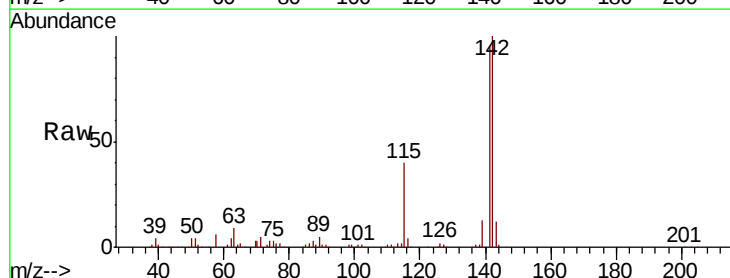
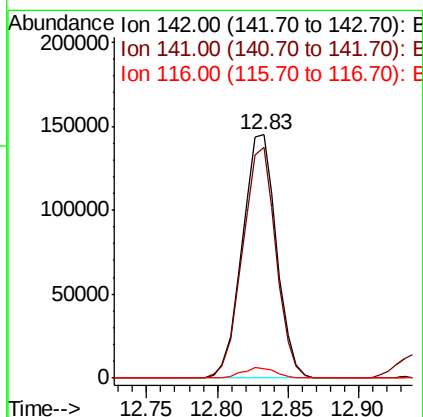
Manual Integrations
APPROVED

Sohil
3/15/2019 10:12:31 AM



#38
1-Methylnaphthalene
Concen: 41.259 ng
RT: 12.83 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.0	74.2	111.4
116	3.9	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

Instrument :

BNA_G

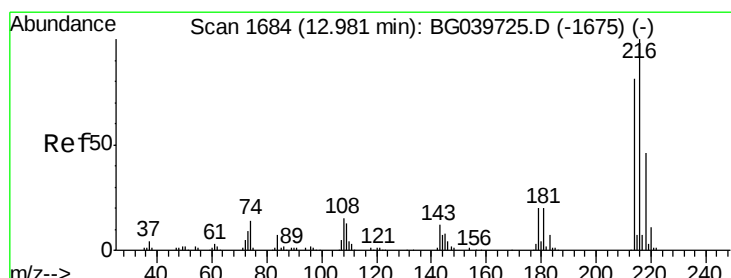
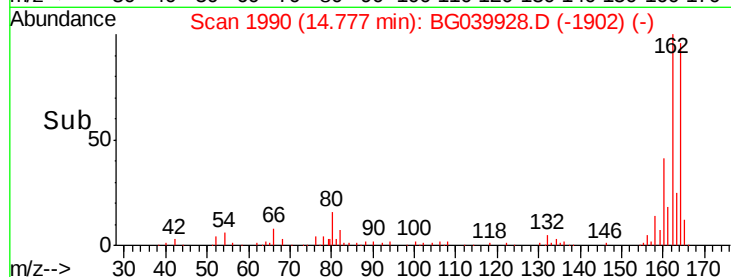
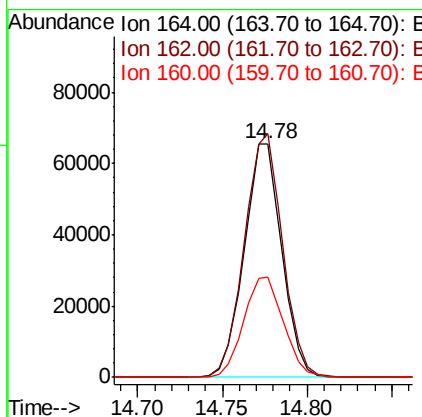
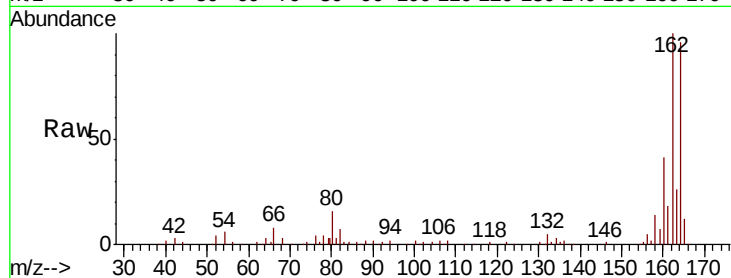
ClientSampleId :

PB117835BS

Tot Ion:	164	Resp:	101534
Ion Ratio	Lower	Upper	
164	100		
162	104.2	81.6	122.4
160	43.0	34.2	51.2

Manual Integrations
APPROVED

Sohil
3/15/2019 10:12:31 AM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.131 ng

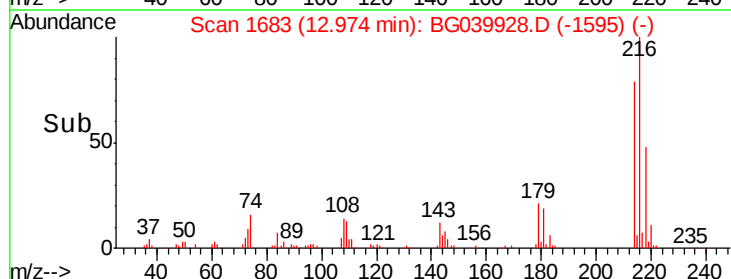
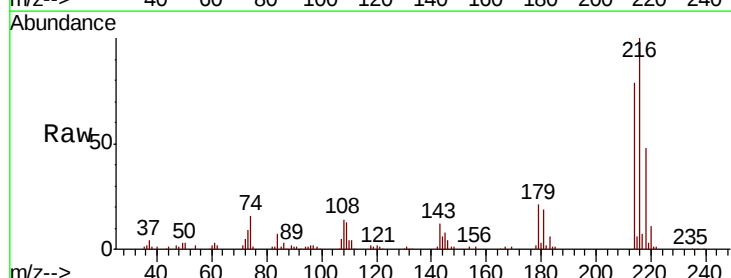
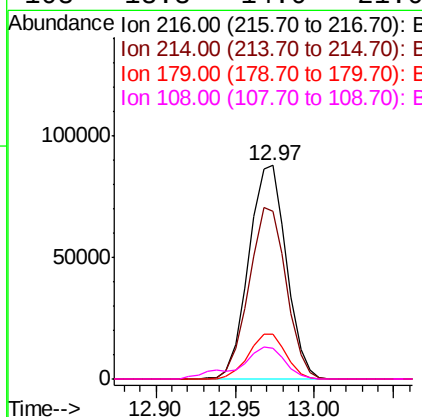
RT: 12.97 min Scan# 1683

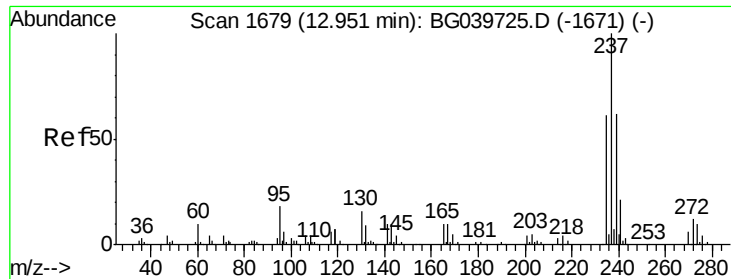
Delta R.T. -0.01 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

Tgt Ion:	216	Resp:	144919
Ion Ratio	Lower	Upper	
216	100		
214	79.6	62.6	94.0
179	20.9	16.6	25.0
108	18.3	14.0	21.0





#41

Hexachlorocyclopentadiene

Concen: 104.651 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.02 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

Instrument :

BNA_G

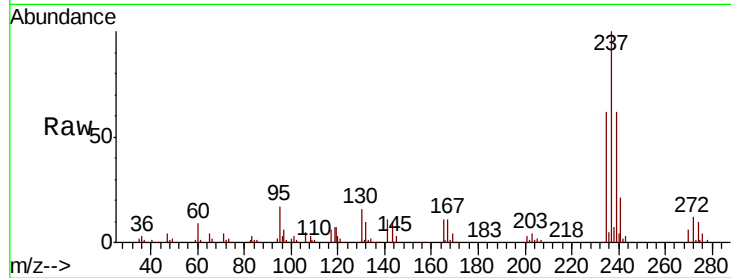
ClientSampleId :

PB117835BS

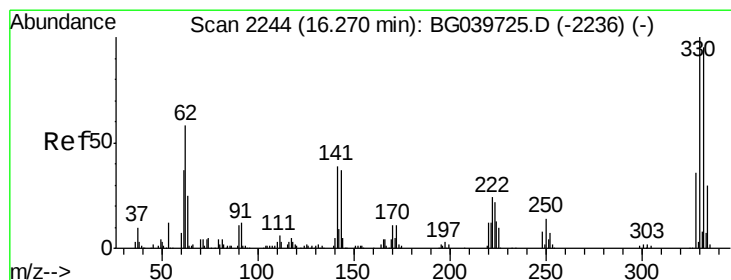
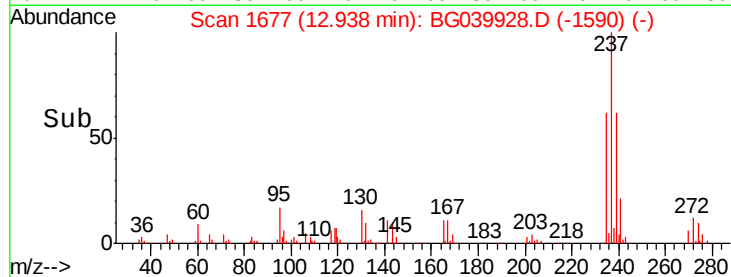
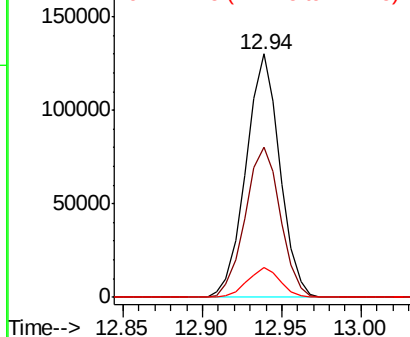
Tot Ion:	237	Resp:	192909
Ion Ratio	Lower	Upper	
237	100		
235	61.6	43.3	83.3
272	12.3	0.0	32.3

Manual Integrations
APPROVED

Sohil
3/15/2019 10:12:31 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: 144.705 ng

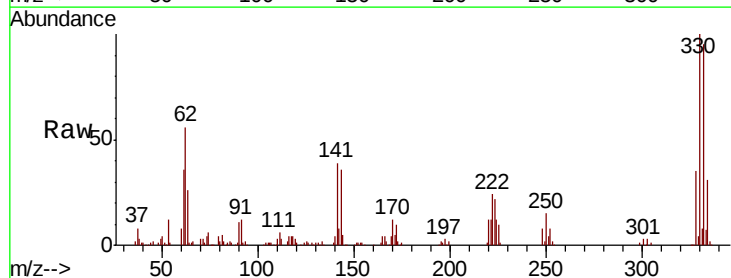
RT: 16.26 min Scan# 2243

Delta R.T. -0.01 min

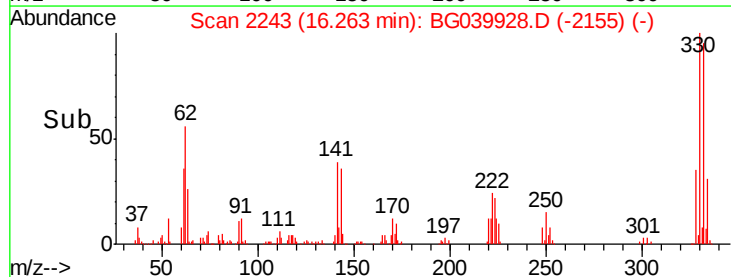
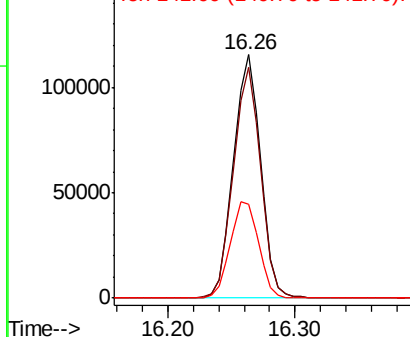
Lab File: BG039928.D

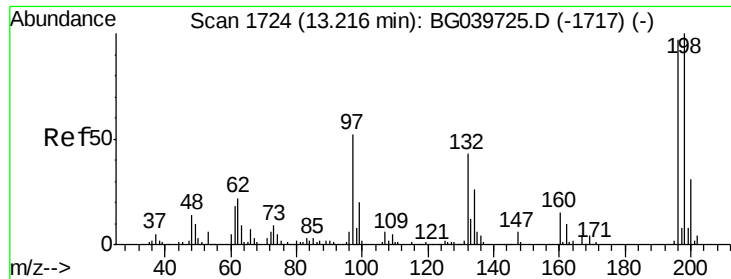
Acq: 14 Mar 2019 17:02

Tgt Ion:	330	Resp:	171252
Ion Ratio	Lower	Upper	
330	100		
332	95.1	75.7	113.5
141	41.2	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





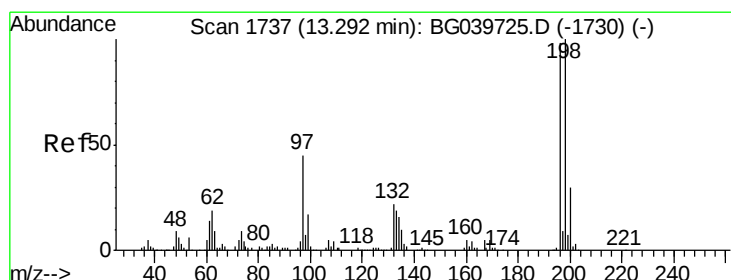
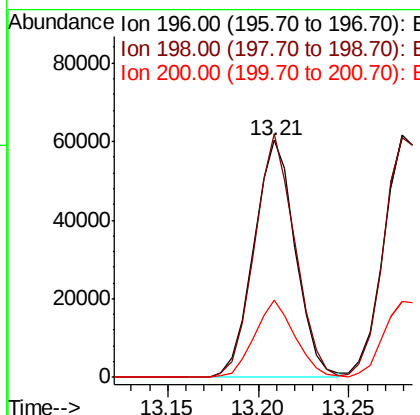
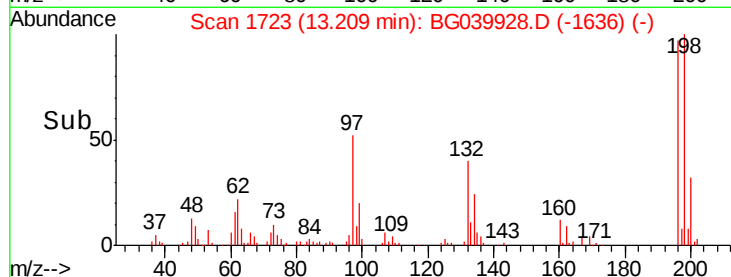
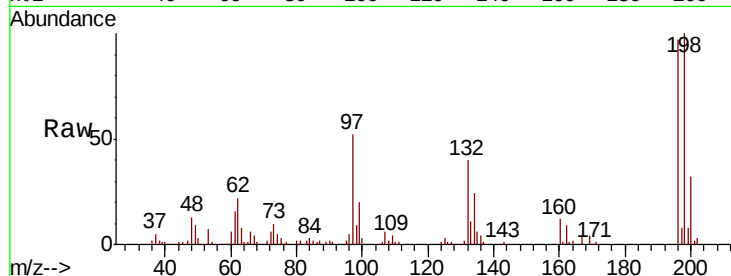
#43
 2,4,6-Trichlorophenol
 Concen: 47.970 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.02 min
 Lab File: BG039928.D
 Acq: 14 Mar 2019 17:02

Instrument :
 BNA_G
 ClientSampled :
 PB117835BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	96602		
198	102.8	80.6	121.0	
200	32.7	26.1	39.1	

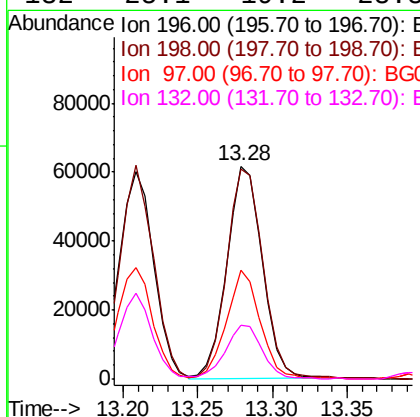
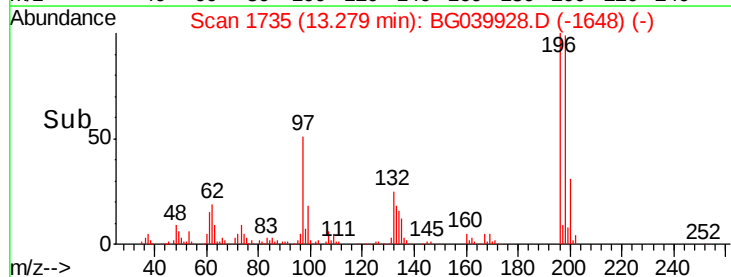
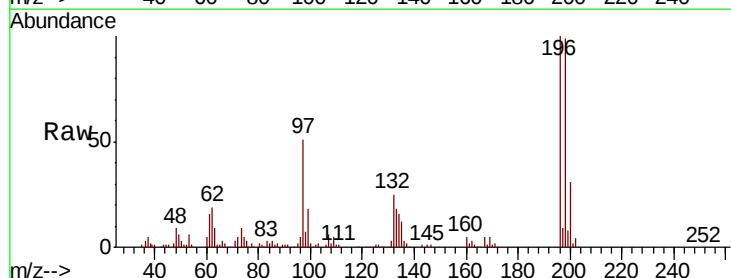
Manual Integrations
 APPROVED

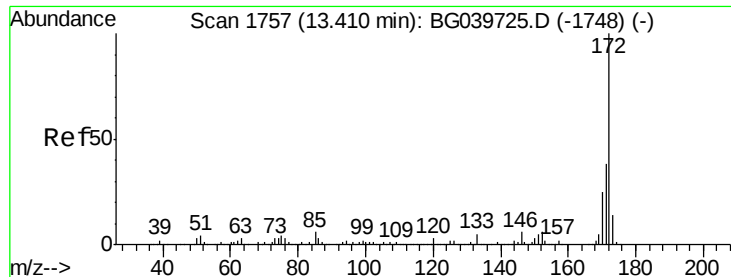
Sohil
 3/15/2019 10:12:31 AM



#44
 2,4,5-Trichlorophenol
 Concen: 45.032 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG039928.D
 Acq: 14 Mar 2019 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	102219		
198	98.7	78.5	117.7	
97	51.1	38.4	57.6	
132	25.1	19.2	28.8	





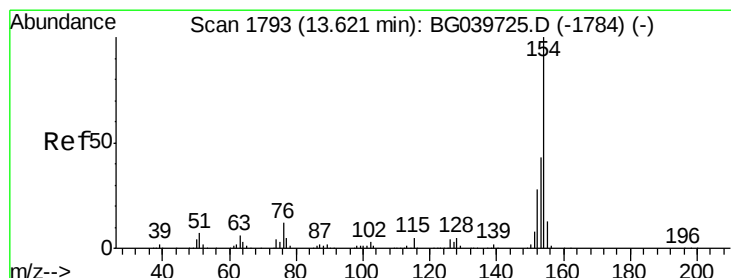
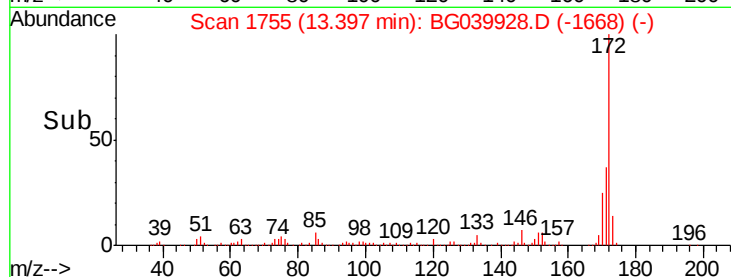
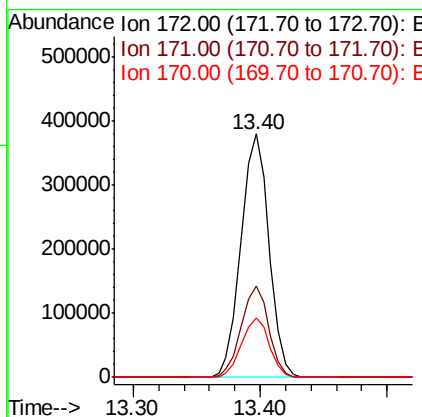
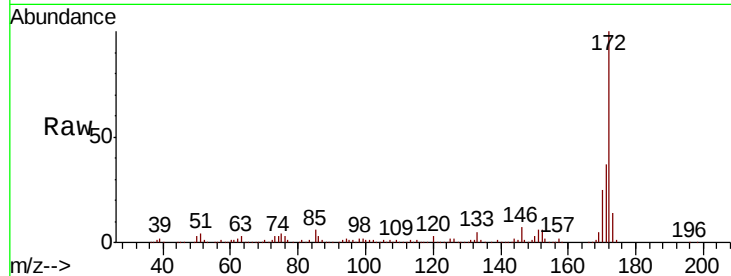
#45
2-Fluorobiphenyl
Concen: 81.266 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Instrument :
BNA_G
ClientSampleId :
PB117835BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.8	46.2
170	24.6	20.2	30.4

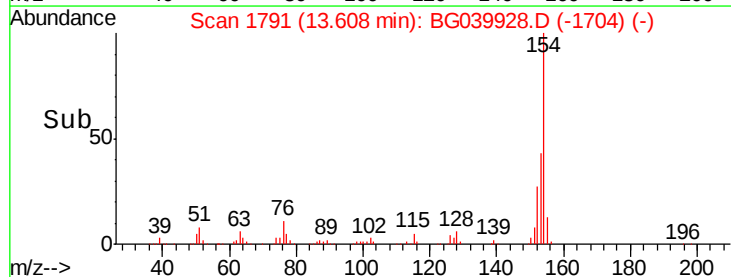
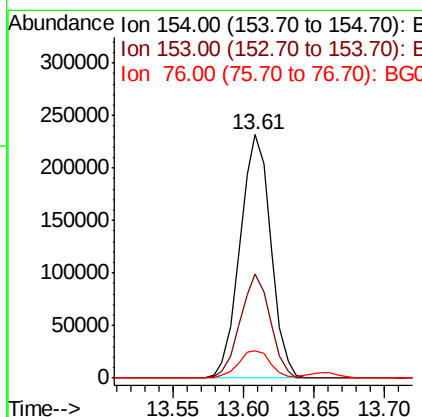
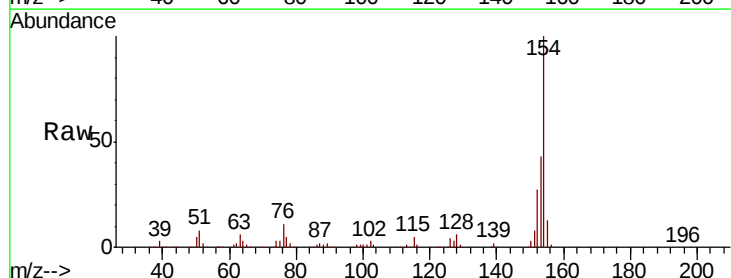
Manual Integrations
APPROVED

Sohil
3/15/2019 10:12:31 AM



#46
1,1'-Biphenyl
Concen: 42.297 ng
RT: 13.61 min Scan# 1791
Delta R.T. -0.02 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.7	22.1	62.1
76	11.3	0.0	32.4





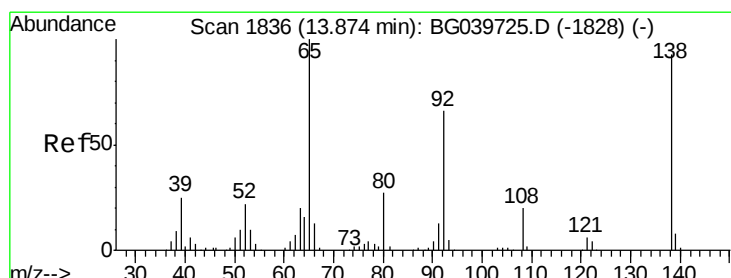
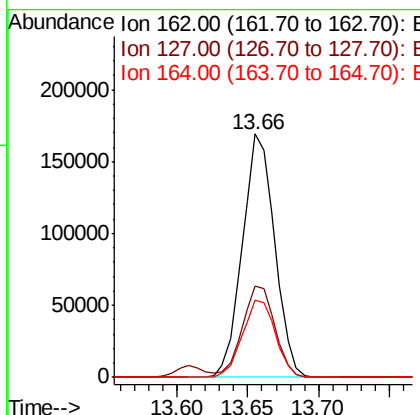
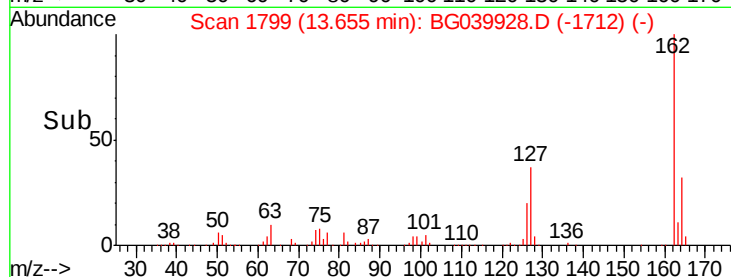
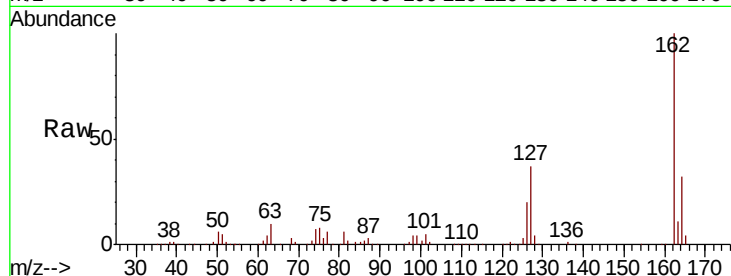
#47
2-Chloronaphthalene
Concen: 43.125 ng
RT: 13.66 min Scan# 1799
Delta R.T. -0.02 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Instrument :
BNA_G
ClientSampleId :
PB117835BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.3	31.0	46.6
164	31.7	25.7	38.5

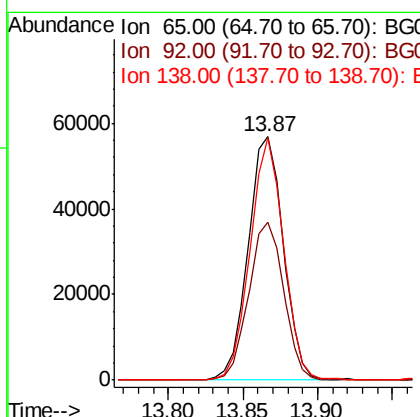
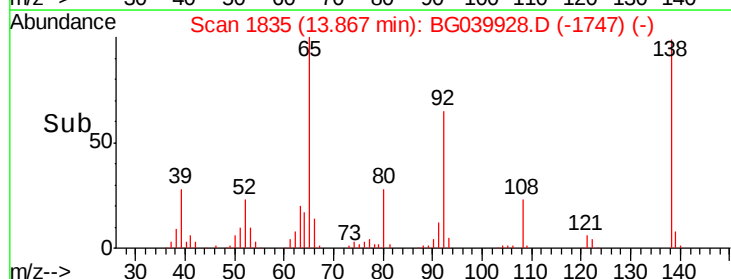
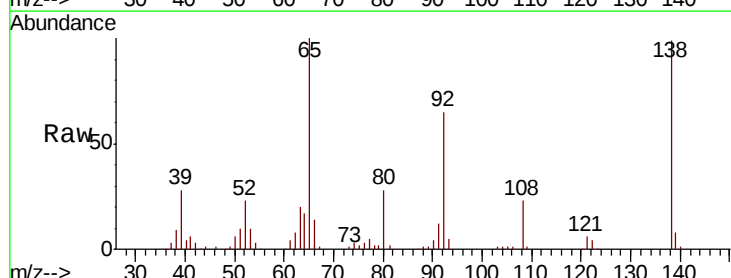
Manual Integrations
APPROVED

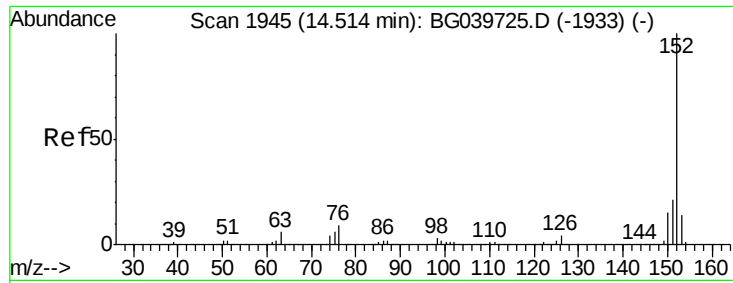
Sohil
3/15/2019 10:12:31 AM



#48
2-Nitroaniline
Concen: 45.679 ng
RT: 13.87 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.0	51.4	77.2
138	99.3	71.4	107.2





#49

Acenaphthylene

Concen: 41.853 ng

RT: 14.50 min Scan# 1943

Delta R.T. -0.02 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

Instrument :

BNA_G

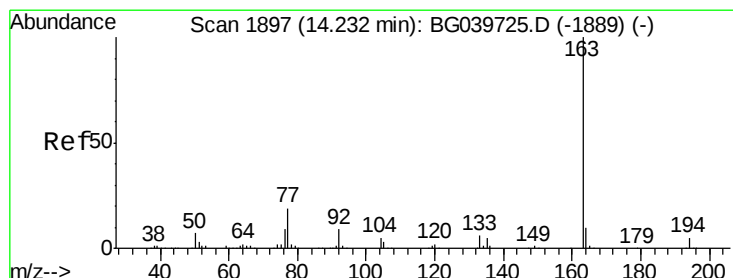
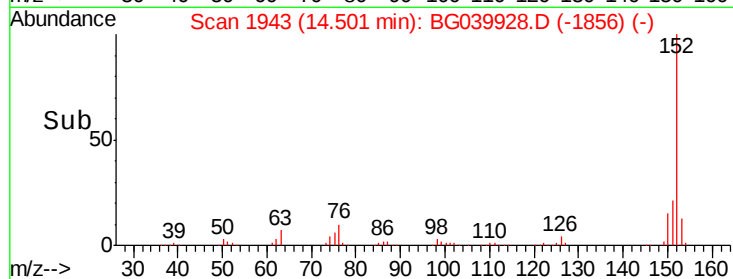
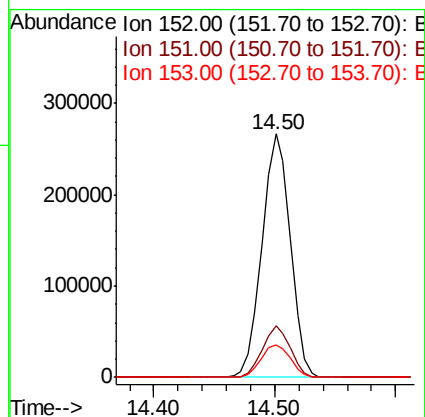
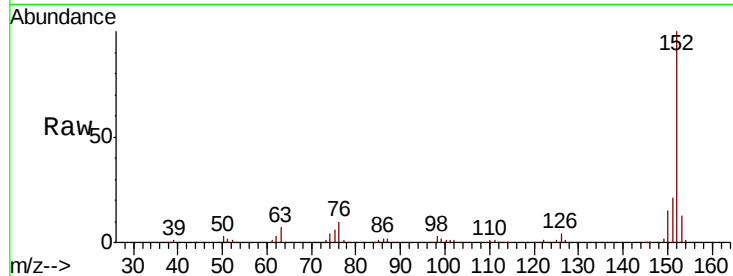
ClientSampleId :

PB117835BS

Tot Ion:	152	Resp:	431635
Ion Ratio	Lower	Upper	
152	100		
151	21.1	16.8	25.2
153	13.4	11.7	17.5

Manual Integrations
APPROVED

Sohil
3/15/2019 10:12:31 AM



#50

Dimethylphthalate

Concen: 43.039 ng

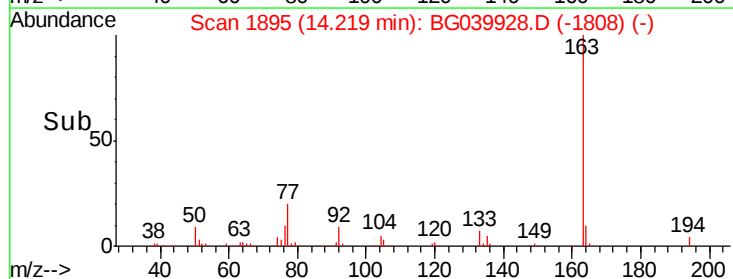
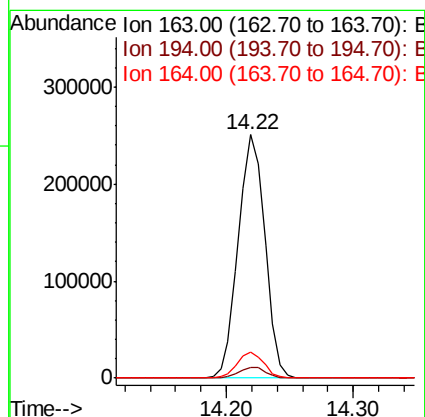
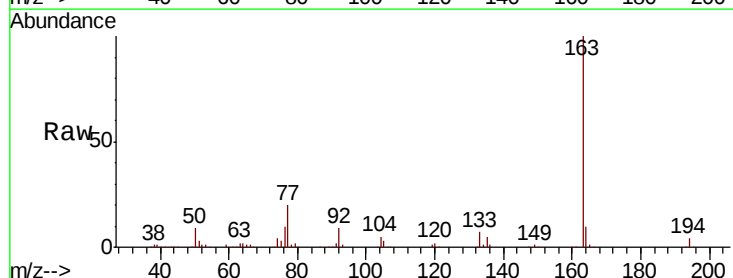
RT: 14.22 min Scan# 1895

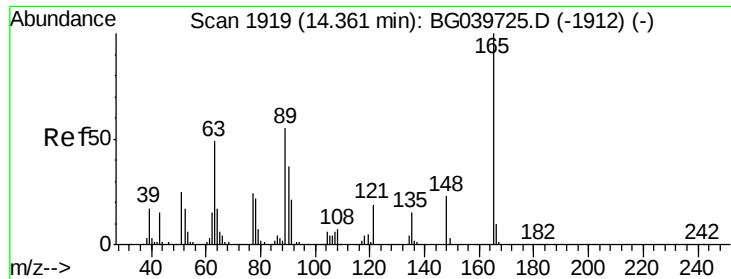
Delta R.T. -0.02 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

Tgt Ion:	163	Resp:	365406
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.6	5.4
164	10.5	8.4	12.6





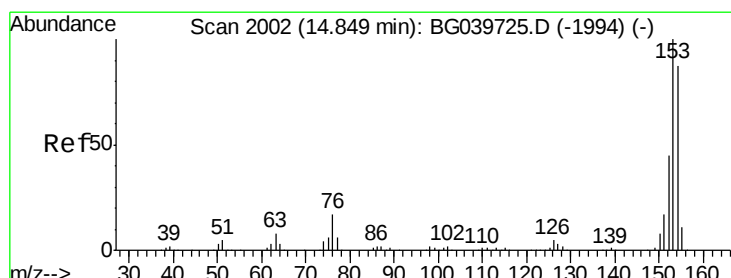
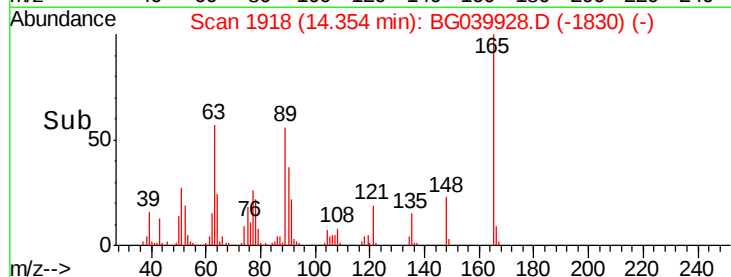
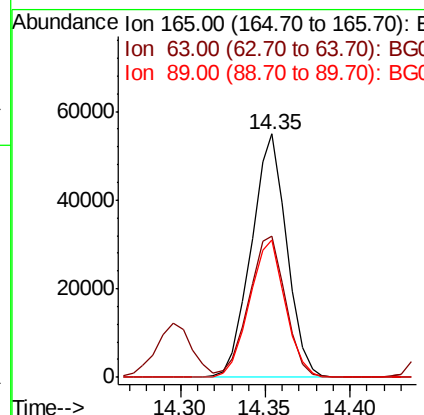
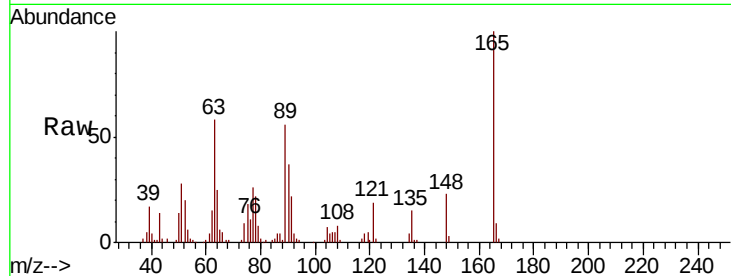
#51
2,6-Dinitrotoluene
Concen: 44.562 ng
RT: 14.35 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Instrument :
BNA_G
ClientSampleId :
PB117835BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	80207		
63	57.9		47.0	70.6
89	56.5		45.8	68.8

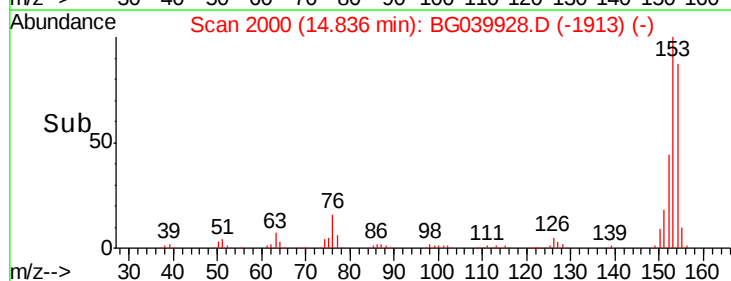
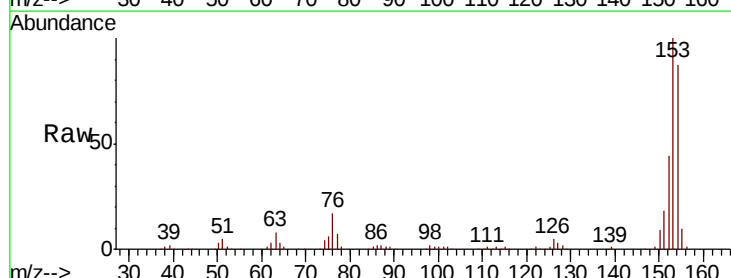
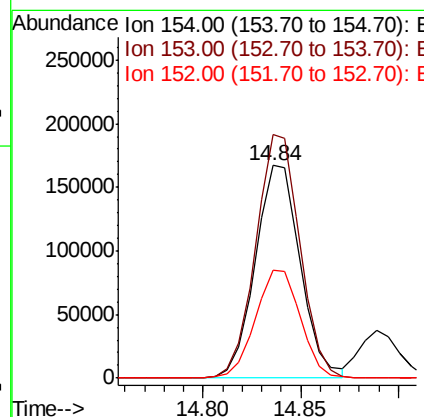
Manual Integrations
APPROVED

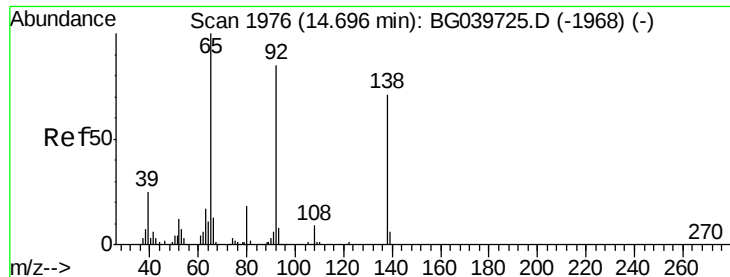
Sohil
3/15/2019 10:12:31 AM



#52
Acenaphthene
Concen: 43.049 ng
RT: 14.84 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	267217		
153	114.6		90.1	135.1
152	50.9		40.9	61.3





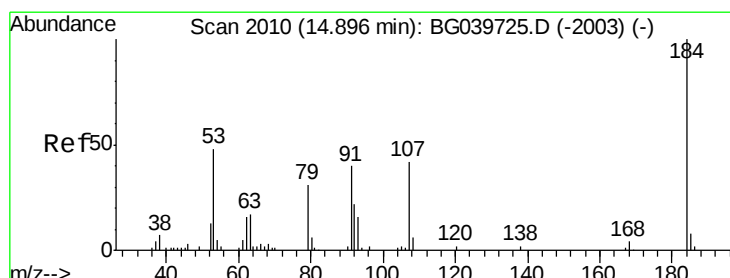
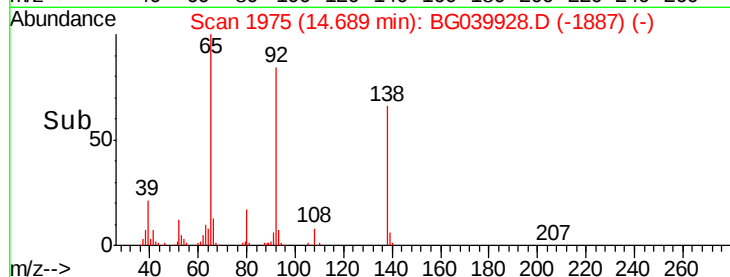
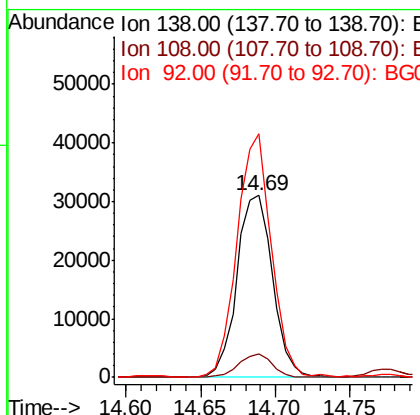
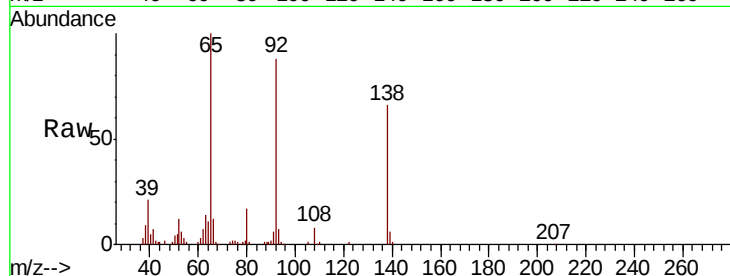
#53
3-Nitroaniline
Concen: 28.478 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Instrument :
BNA_G
ClientSampleId :
PB117835BS

Tot Ion:138 Resp: 51525
Ion Ratio Lower Upper
138 100
108 12.9 13.8 20.8#
92 133.7 103.7 155.5

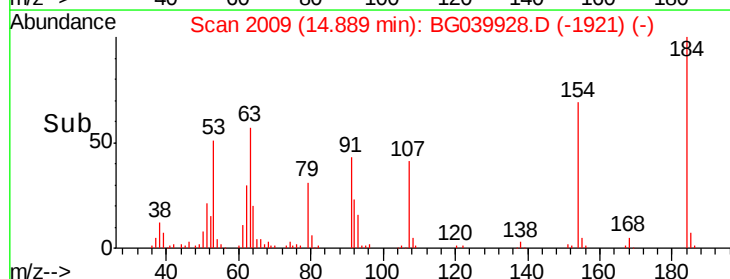
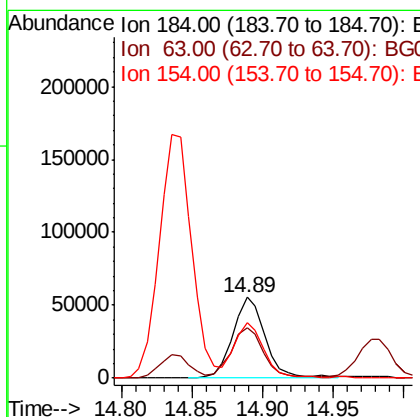
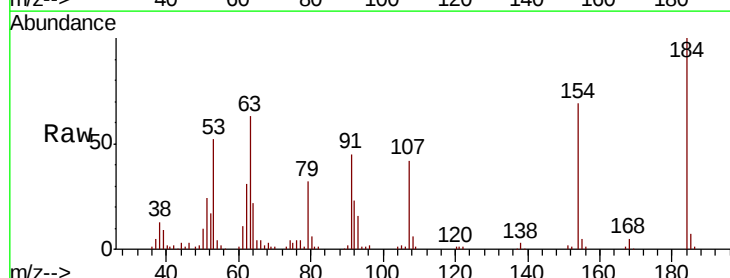
Manual Integrations
APPROVED

Sohil
3/15/2019 10:12:31 AM



#54
2,4-Dinitrophenol
Concen: 77.612 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Tgt Ion:184 Resp: 87904
Ion Ratio Lower Upper
184 100
63 62.5 50.9 76.3
154 68.8 53.0 79.6





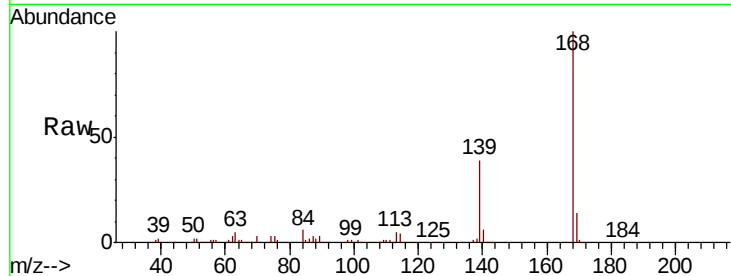
#55
Dibenzenofuran
Concen: 42.226 ng
RT: 15.17 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Instrument :
BNA_G
ClientSampleId :
PB117835BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	430044		
139	39.1		30.1	45.1
169	13.9		10.6	16.0

Manual Integrations
APPROVED

Sohil
3/15/2019 10:12:31 AM

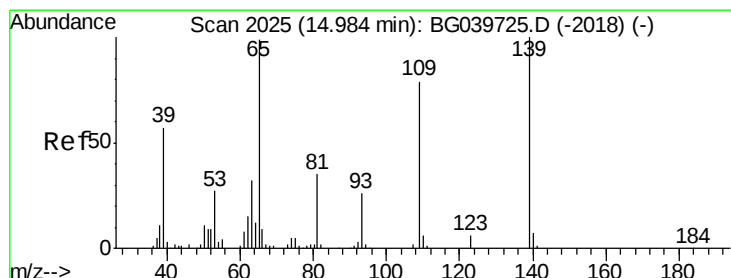
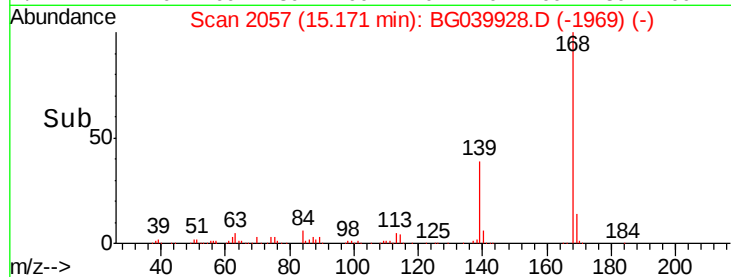
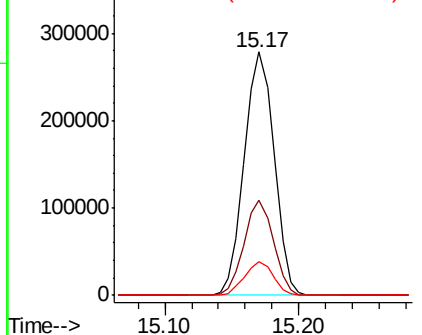


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 82.742 ng
RT: 14.98 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

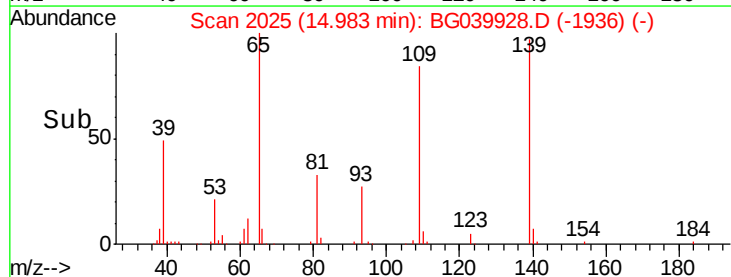
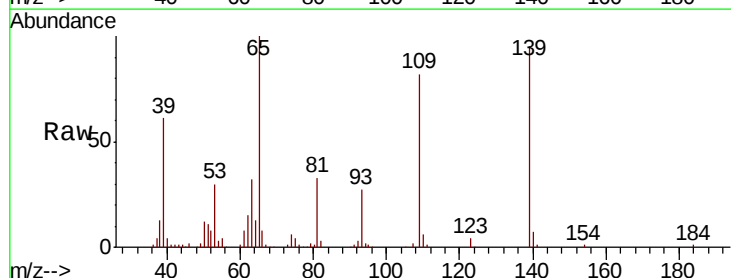
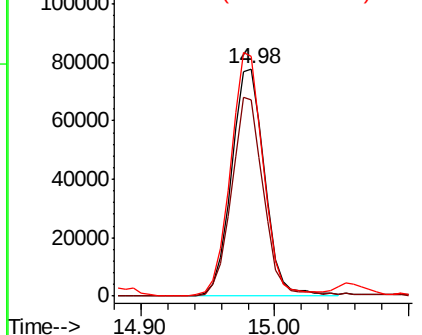
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	133918		
109	86.5		61.9	101.9
65	105.7		99.1	139.1

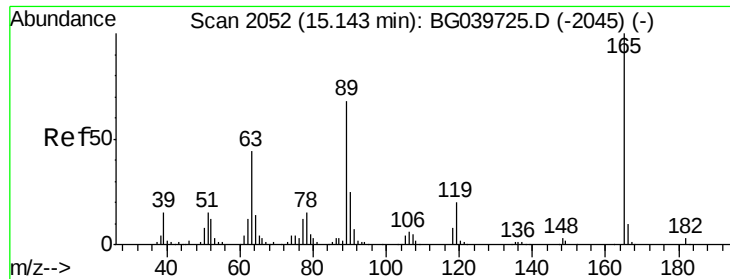
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG





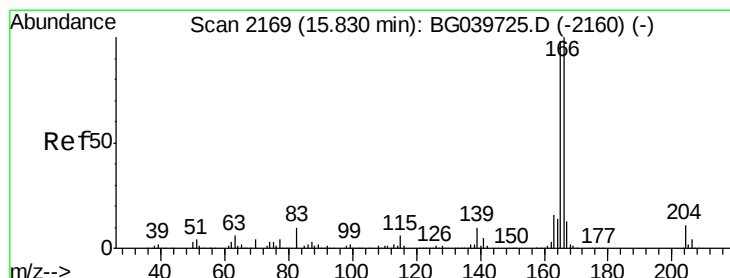
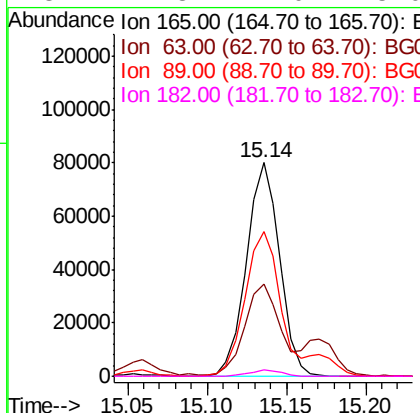
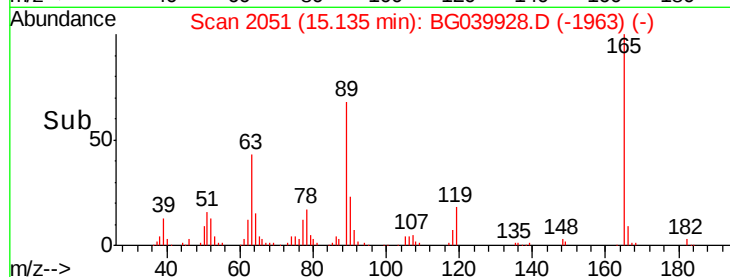
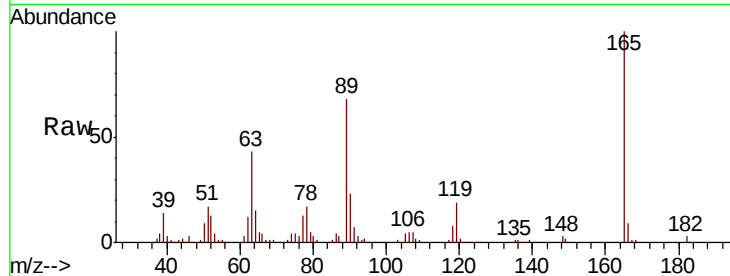
#57
2,4-Dinitrotoluene
Concen: 45.948 ng
RT: 15.14 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Instrument :
BNA_G
ClientSampleId :
PB117835BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		116204		
63	43.3		41.0	61.6	
89	68.0		64.6	96.8	
182	2.8		2.0	3.0	

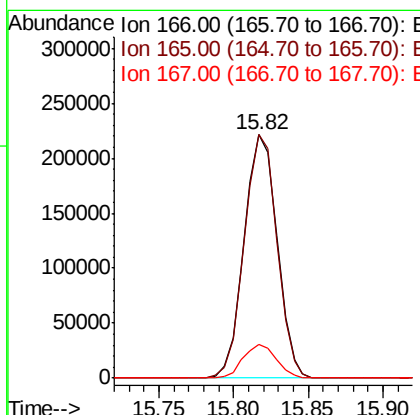
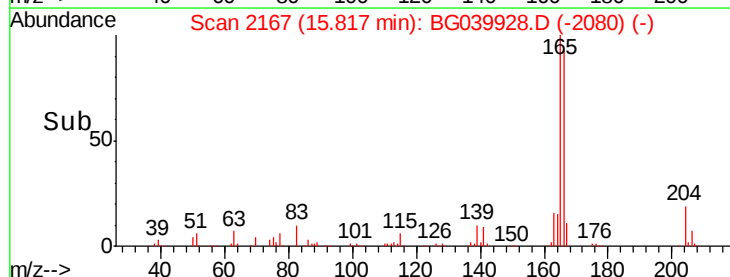
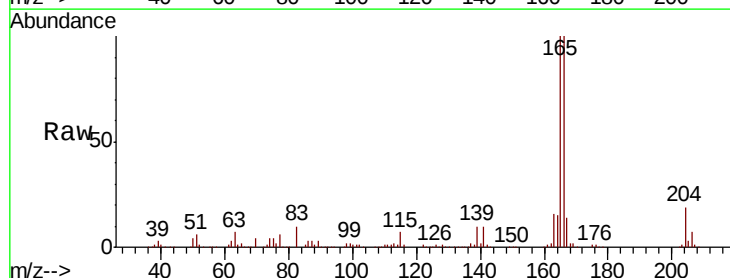
Manual Integrations
APPROVED

Sohil
3/15/2019 10:12:31 AM



#58
Fluorene
Concen: 42.278 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		338484		
165	100.1		77.9	116.9	
167	13.8		10.8	16.2	





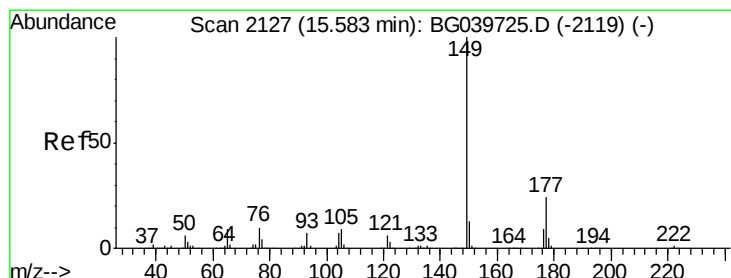
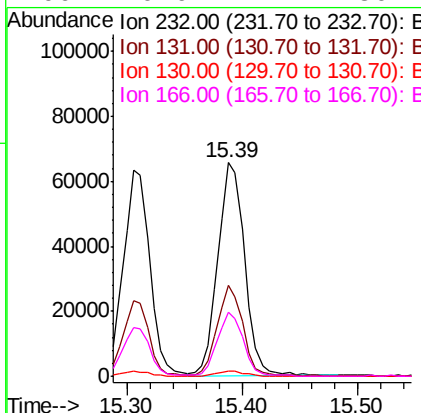
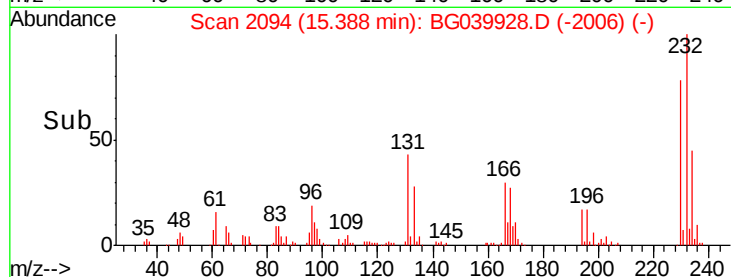
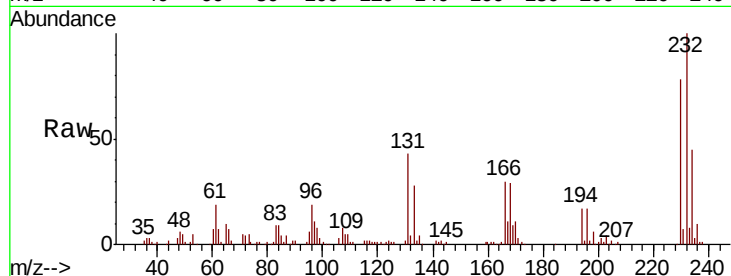
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.472 ng
RT: 15.39 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Instrument :
BNA_G
ClientSampleId :
PB117835BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	105239		
131	40.1		34.9	52.3
130	2.5		2.0	3.0
166	29.6		24.1	36.1

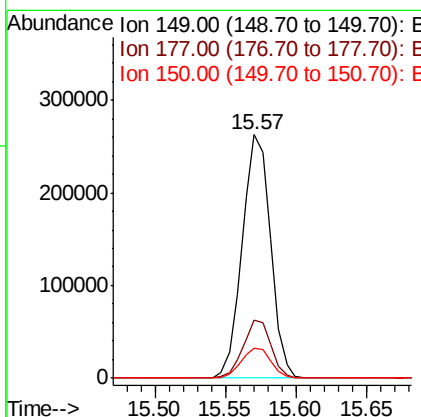
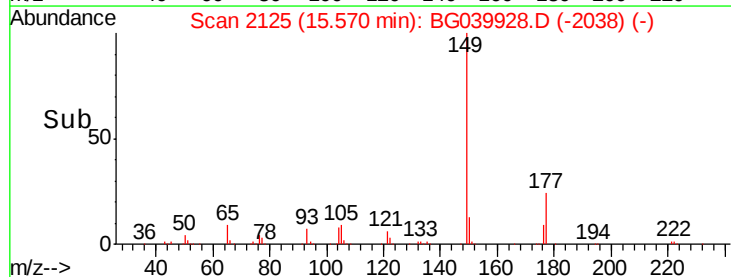
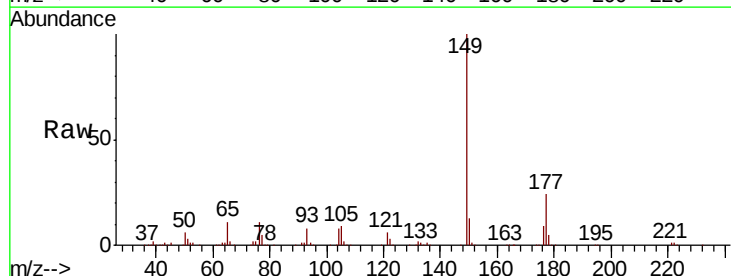
Manual Integrations
APPROVED

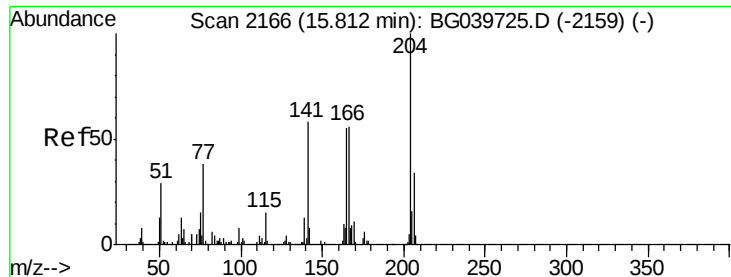
Sohil
3/15/2019 10:12:31 AM



#60
Diethylphthalate
Concen: 43.956 ng
RT: 15.57 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	369439		
177	23.9		18.3	27.5
150	12.5		10.2	15.2





#61

4-Chlorophenyl-phenylether

Concen: 42.640 ng

RT: 15.81 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

Instrument :

BNA_G

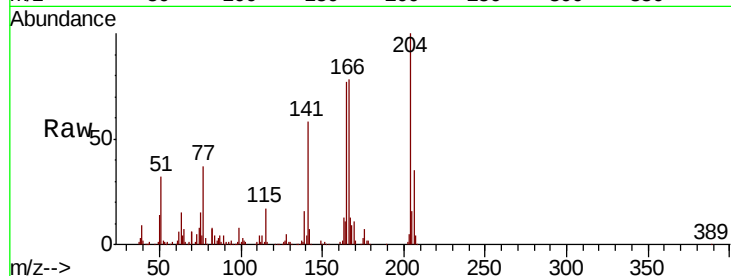
ClientSampleId :

PB117835BS

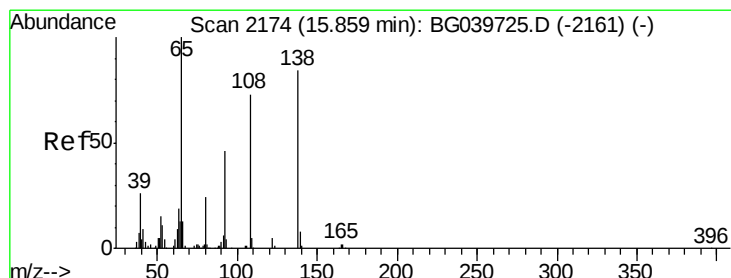
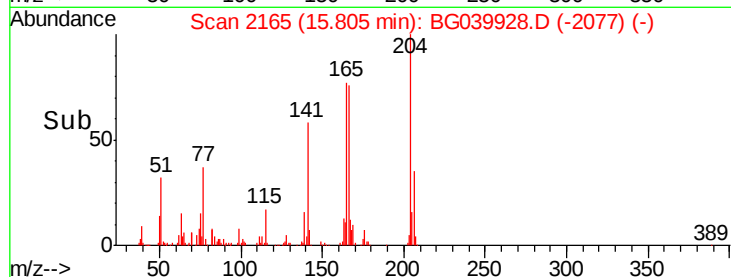
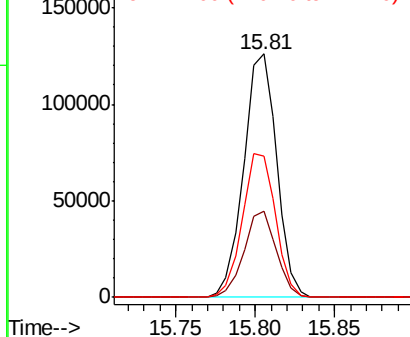
Tot Ion:	204	Resp:	182171
Ion Ratio	Lower	Upper	
204	100		
206	35.5	29.2	43.8
141	58.1	49.0	73.4

Manual Integrations
APPROVED

Sohil
3/15/2019 10:12:31 AM



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 44.217 ng

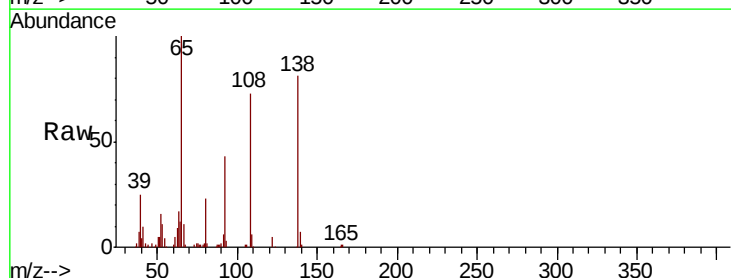
RT: 15.85 min Scan# 2173

Delta R.T. -0.01 min

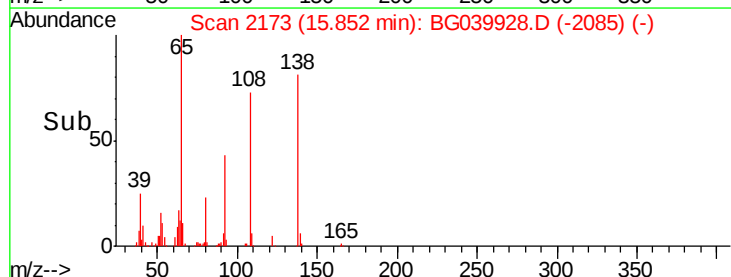
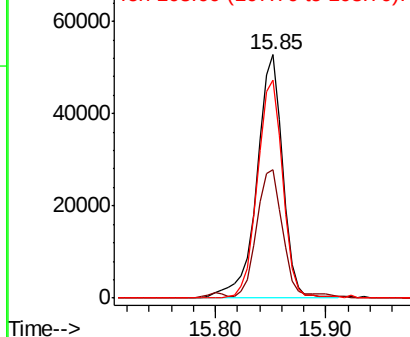
Lab File: BG039928.D

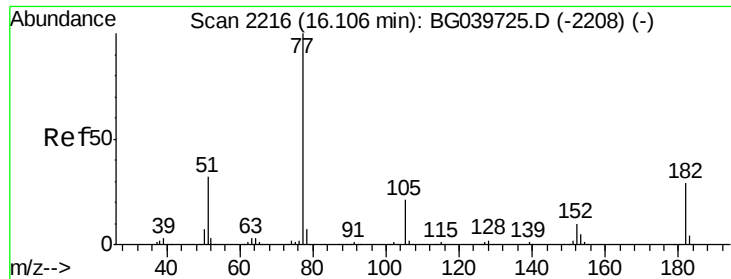
Acq: 14 Mar 2019 17:02

Tgt Ion:	138	Resp:	86730
Ion Ratio	Lower	Upper	
138	100		
92	53.0	38.7	78.7
108	89.7	74.6	114.6



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E





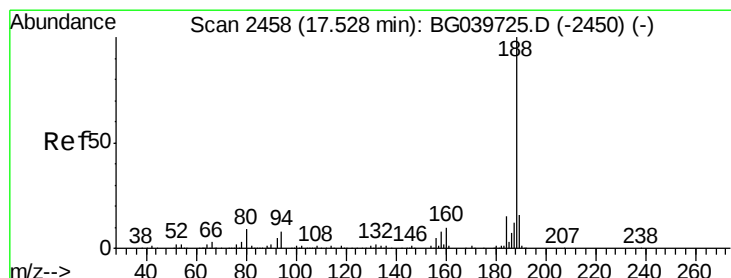
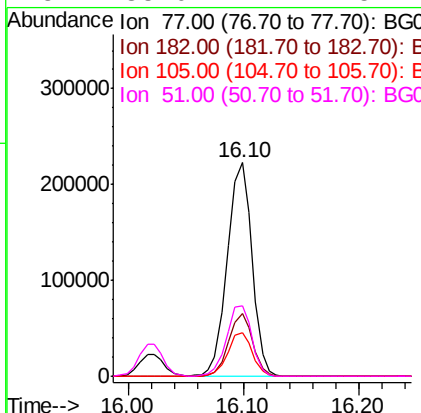
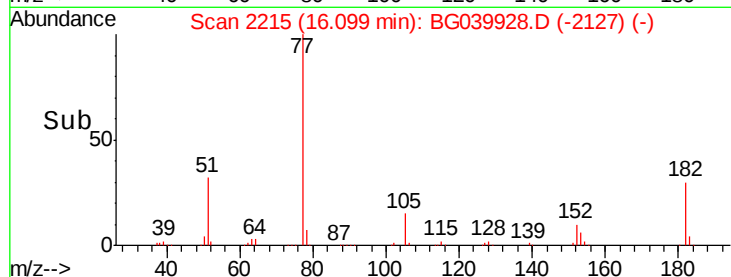
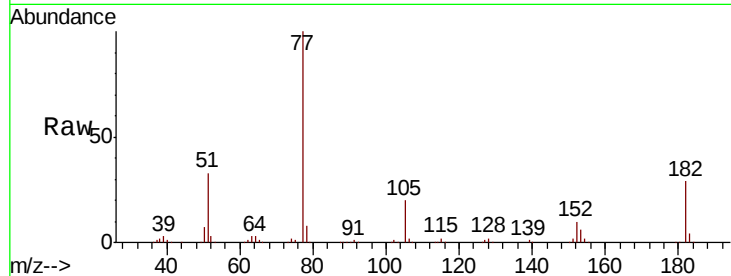
#63
Azobenzene
Concen: 43.492 ng
RT: 16.10 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Instrument :
BNA_G
ClientSampleId :
PB117835BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	29.1	6.4	46.4		
105	20.4	0.0	39.8		
51	33.0	14.1	54.1		

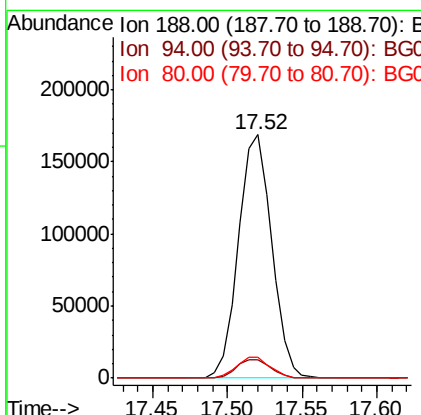
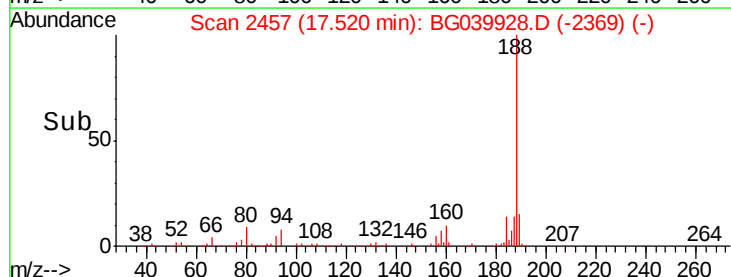
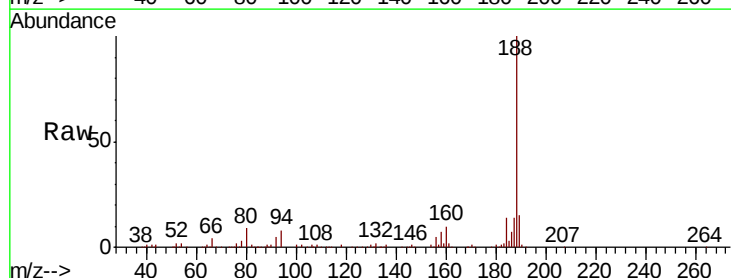
Manual Integrations
APPROVED

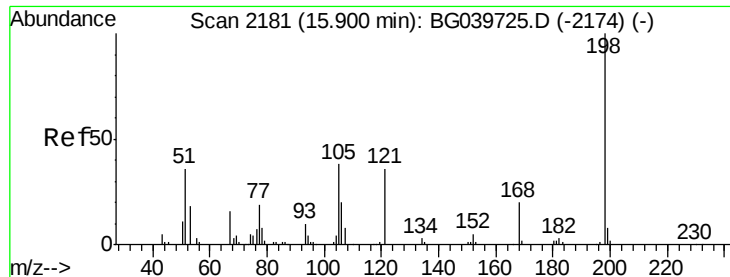
Sohil
3/15/2019 10:12:31 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	7.5	6.9	10.3		
80	8.6	8.1	12.1		





#65

4,6-Dinitro-2-methylphenol

Concen: 41.488 ng

RT: 15.89 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

Instrument :

BNA_G

ClientSampleId :

PB117835BS

Tot Ion:198 Resp: 63795

Ion Ratio Lower Upper

198 100

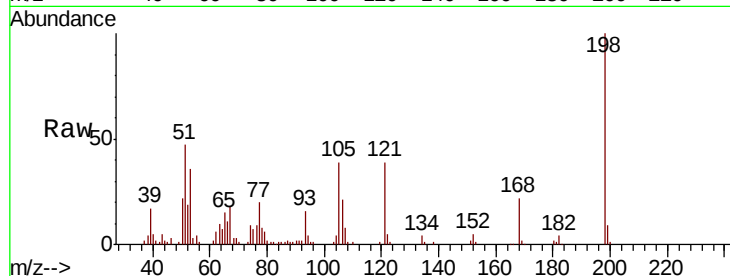
51 47.3 27.4 67.4

105 39.1 19.7 59.7

Manual Integrations
APPROVED

Sohil

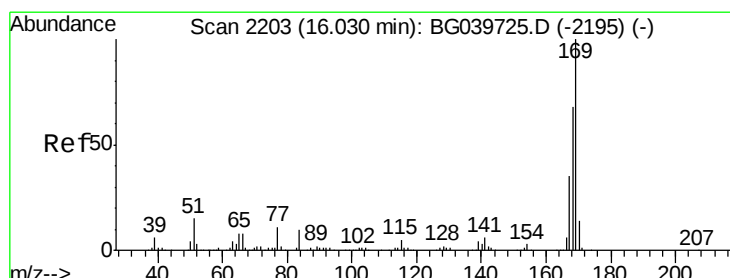
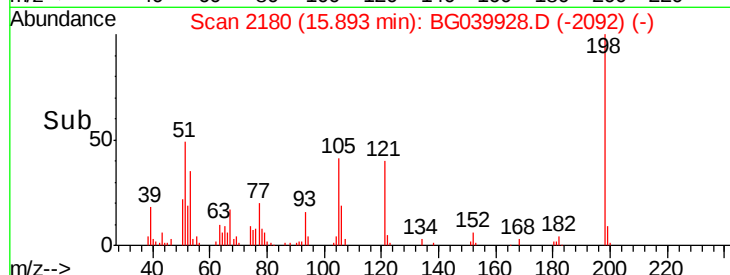
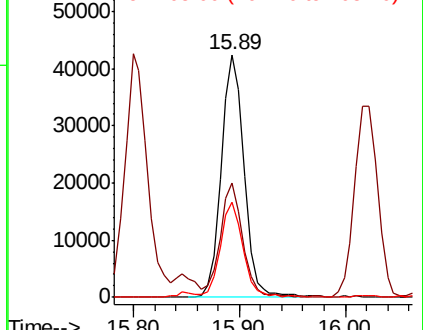
3/15/2019 10:12:31 AM



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: 42.284 ng

RT: 16.02 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

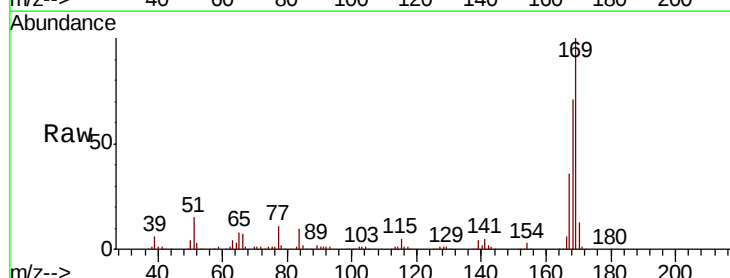
Tgt Ion:169 Resp: 318356

Ion Ratio Lower Upper

169 100

168 70.6 56.6 85.0

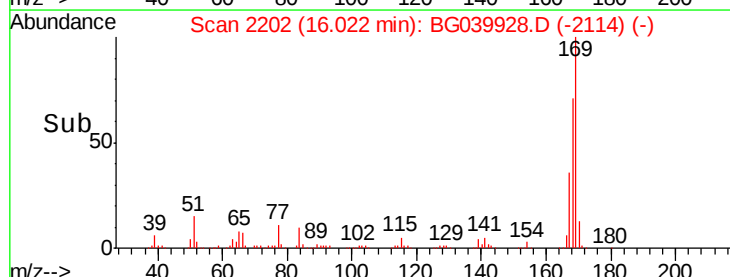
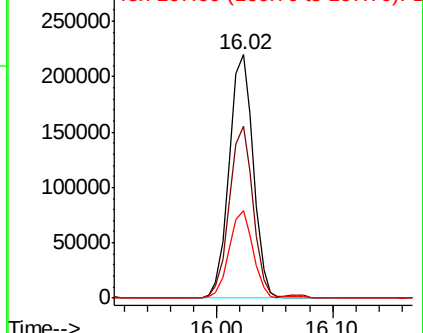
167 35.9 28.8 43.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





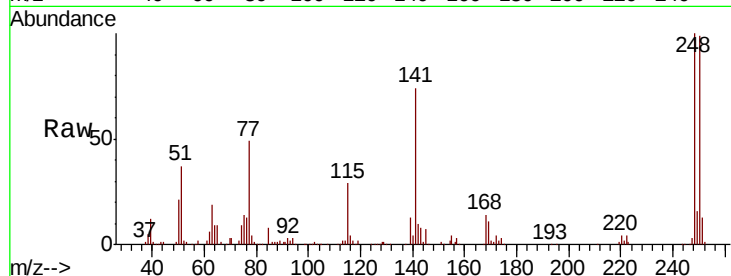
#67
4-Bromophenyl-phenylether
Concen: 41.476 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.02 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Instrument :
BNA_G
ClientSampleId :
PB117835BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.8	77.6	116.4
141	74.0	63.9	95.9

Manual Integrations
APPROVED

Sohil
3/15/2019 10:12:31 AM

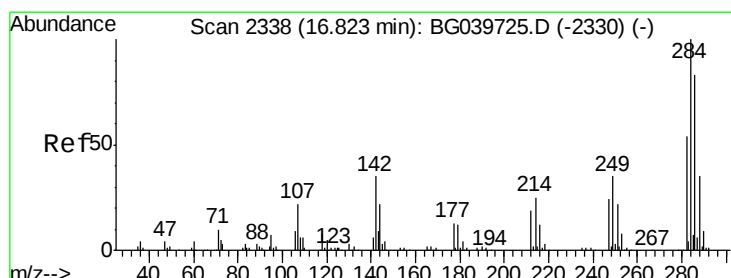
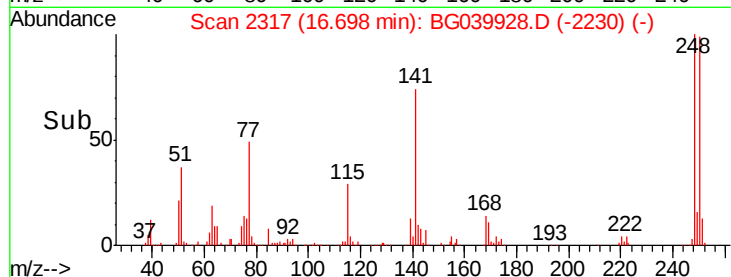
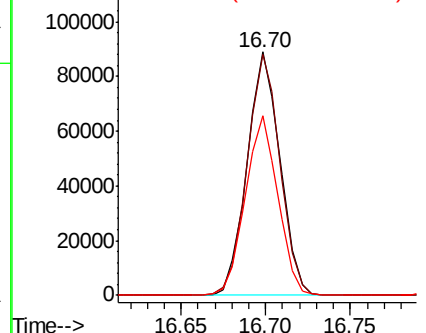


Abundance

Ion 248.00 (247.70 to 248.70): E

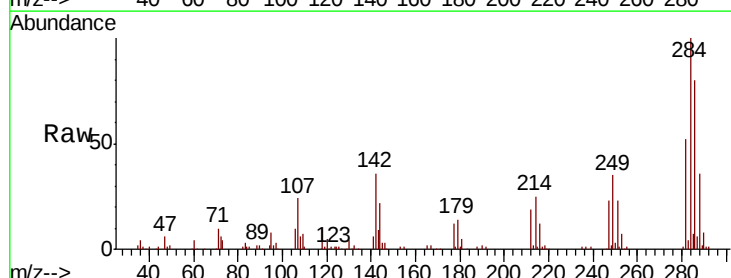
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.049 ng
RT: 16.81 min Scan# 2336
Delta R.T. -0.02 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.2	30.6	45.8
249	35.3	28.2	42.2

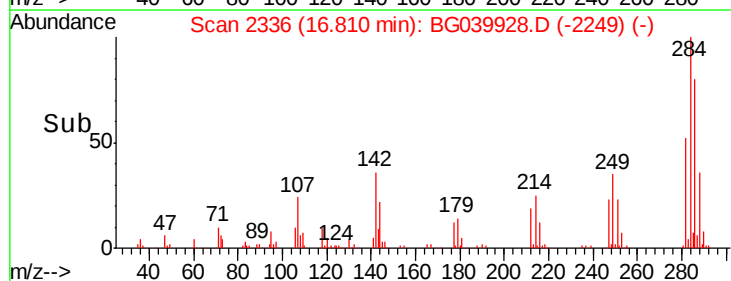
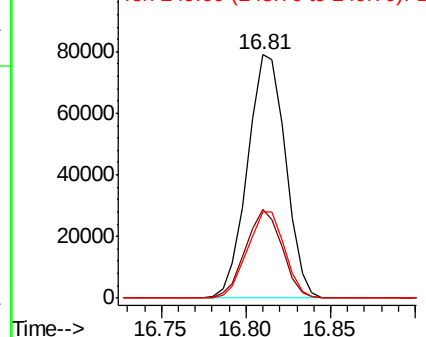


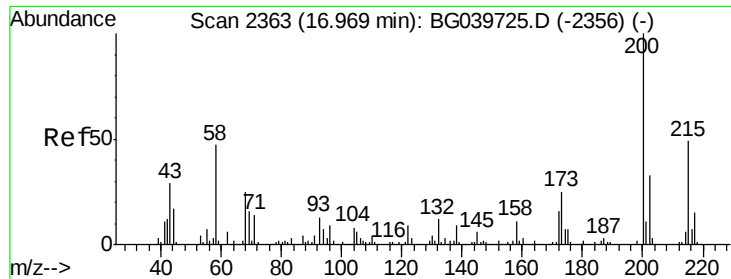
Abundance

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





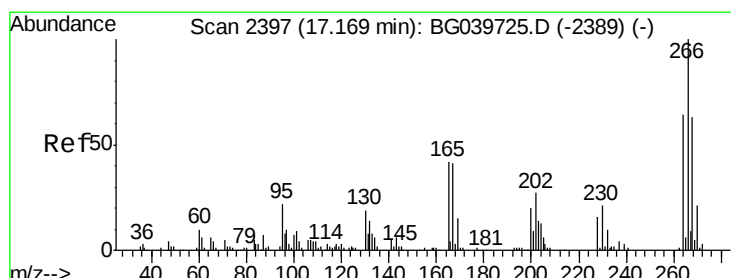
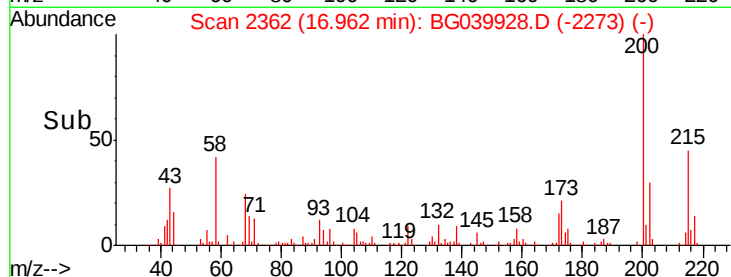
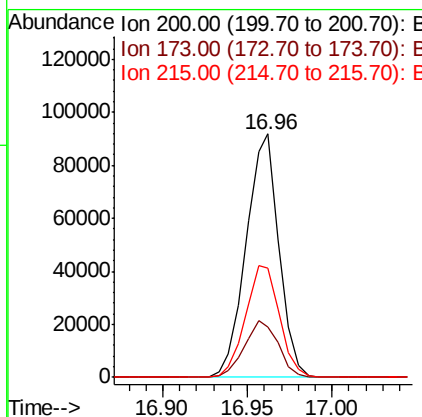
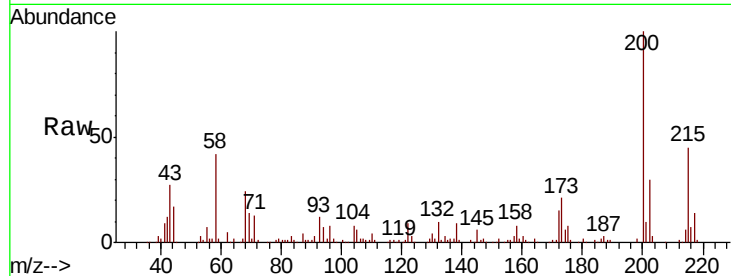
#69
 Atrazine
 Concen: 41.668 ng
 RT: 16.96 min Scan# 2362
 Delta R.T. -0.01 min
 Lab File: BG039928.D
 Acq: 14 Mar 2019 17:02

Instrument :
 BNA_G
 ClientSampleId :
 PB117835BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	20.7	3.9	43.9
215	44.8	30.9	70.9

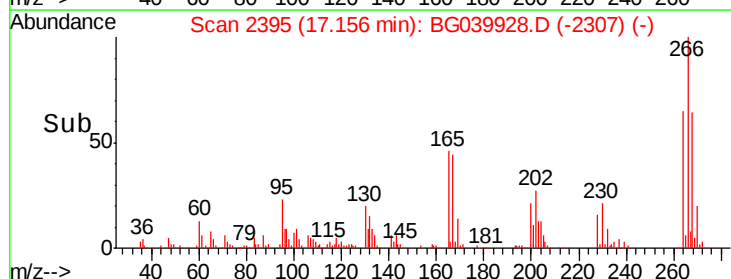
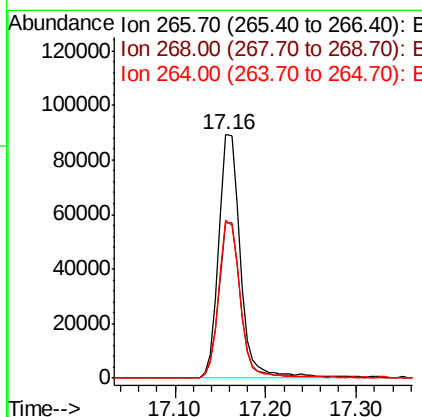
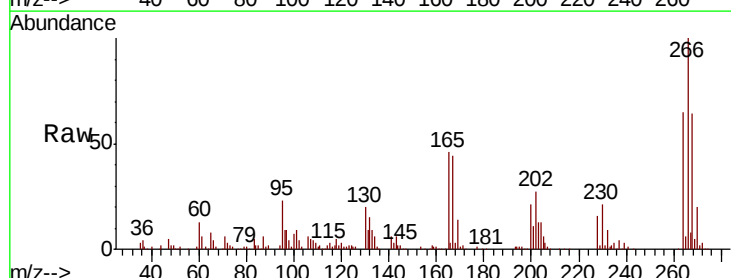
Manual Integrations
 APPROVED

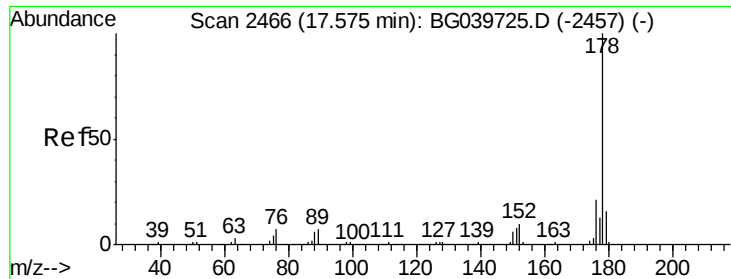
Sohil
 3/15/2019 10:12:31 AM



#70
 Pentachlorophenol
 Concen: 77.751 ng
 RT: 17.16 min Scan# 2395
 Delta R.T. -0.01 min
 Lab File: BG039928.D
 Acq: 14 Mar 2019 17:02

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.8	51.1	76.7
264	64.7	52.1	78.1





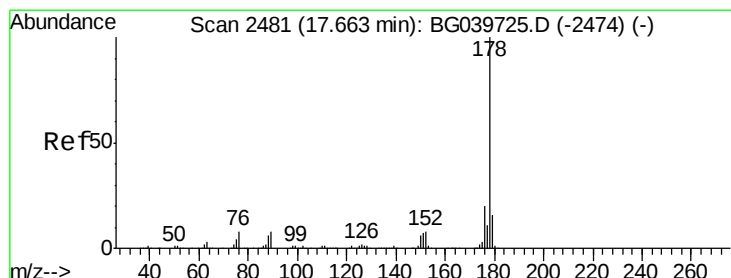
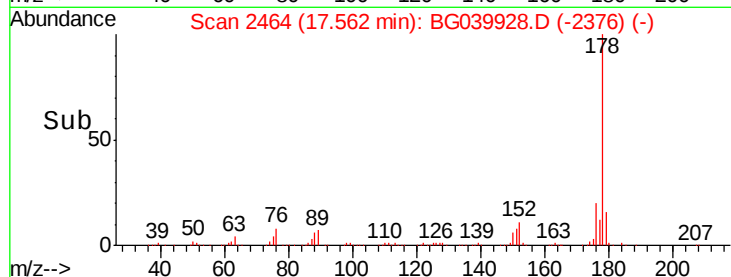
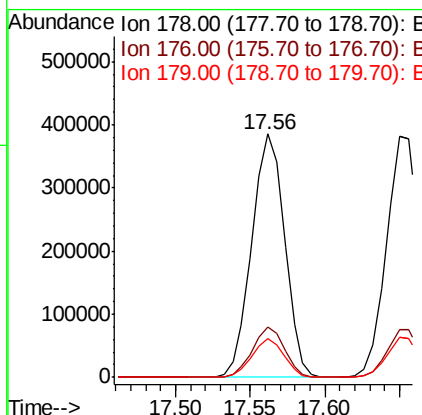
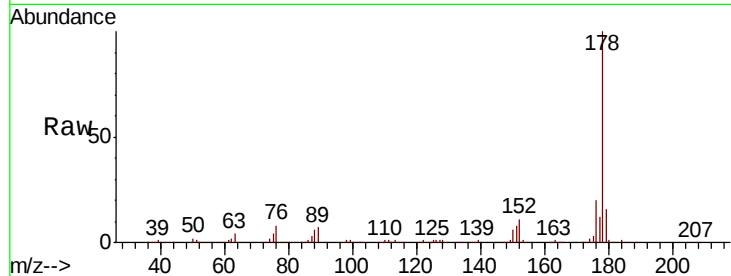
#71
Phenanthrene
Concen: 40.996 ng
RT: 17.56 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Instrument :
BNA_G
ClientSampleId :
PB117835BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.2	24.4
179	16.0	12.6	19.0

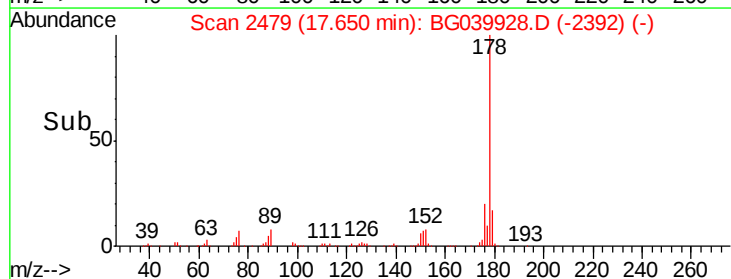
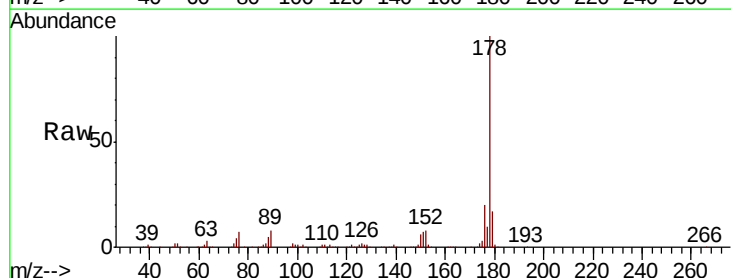
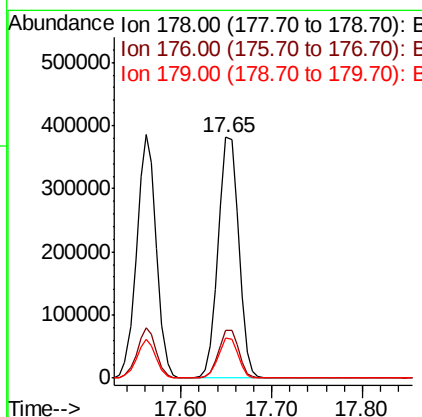
Manual Integrations
APPROVED

Sohil
3/15/2019 10:12:31 AM



#72
Anthracene
Concen: 42.794 ng
RT: 17.65 min Scan# 2479
Delta R.T. -0.02 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.6
179	16.9	12.5	18.7





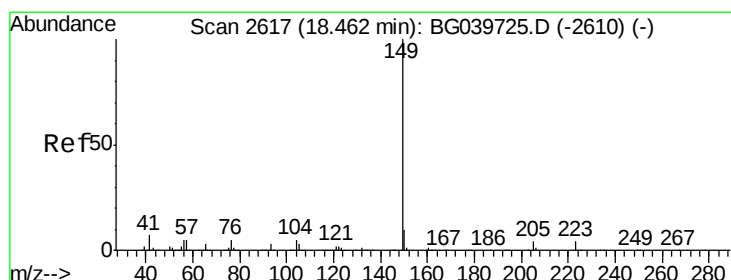
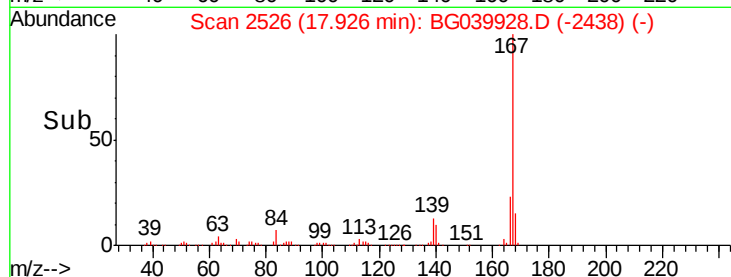
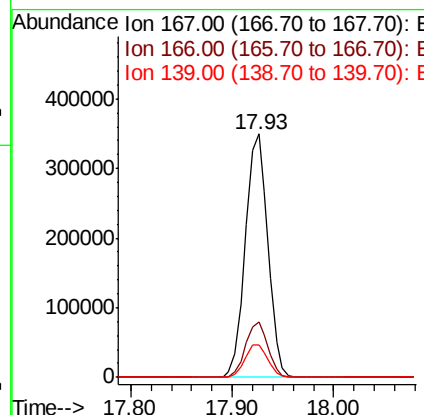
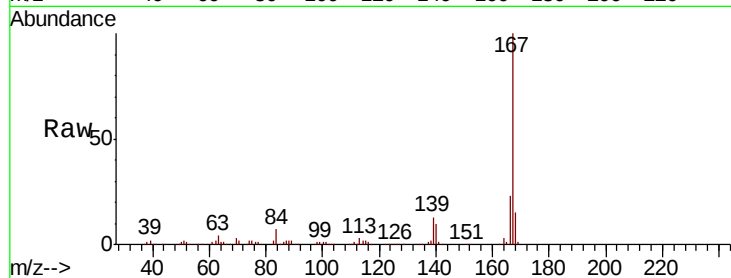
#73
 Carbazole
 Concen: 42.643 ng
 RT: 17.93 min Scan# 2526
 Delta R.T. -0.01 min
 Lab File: BG039928.D
 Acq: 14 Mar 2019 17:02

Instrument :
 BNA_G
 ClientSampleId :
 PB117835BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.8	19.4	29.2
139	13.4	10.8	16.2

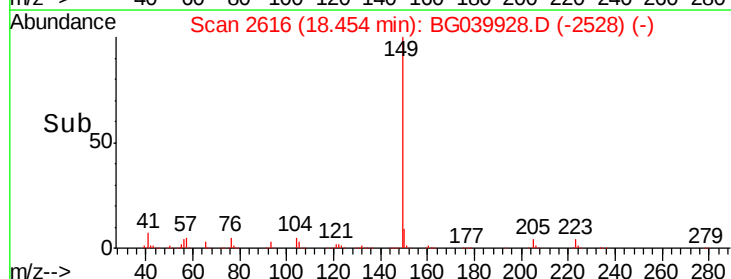
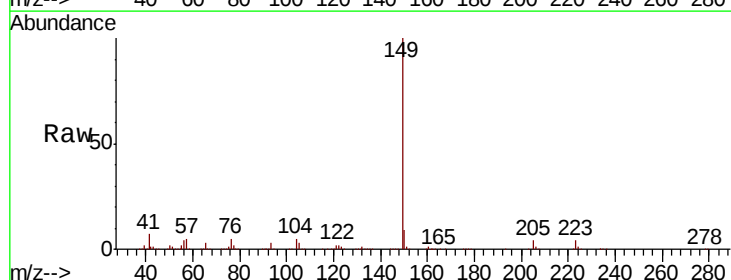
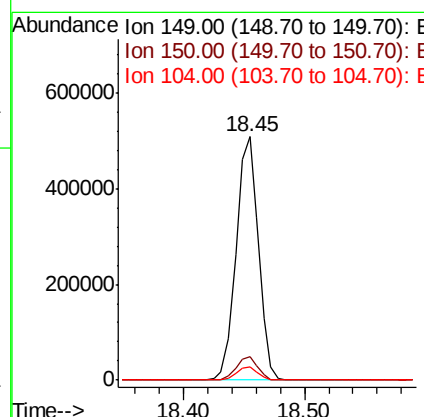
Manual Integrations
 APPROVED

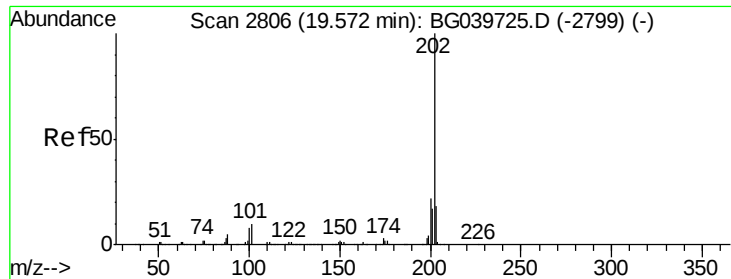
Sohil
 3/15/2019 10:12:31 AM



#74
 Di-n-butylphthalate
 Concen: 43.974 ng
 RT: 18.45 min Scan# 2616
 Delta R.T. -0.01 min
 Lab File: BG039928.D
 Acq: 14 Mar 2019 17:02

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	5.4	4.5	6.7





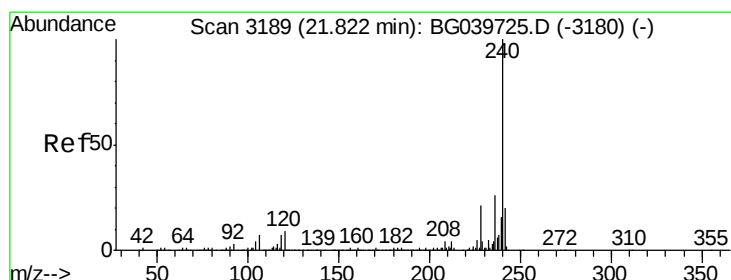
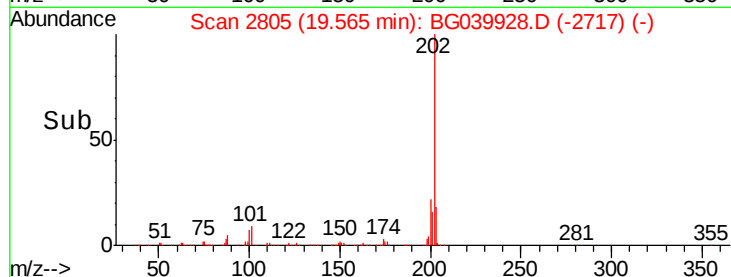
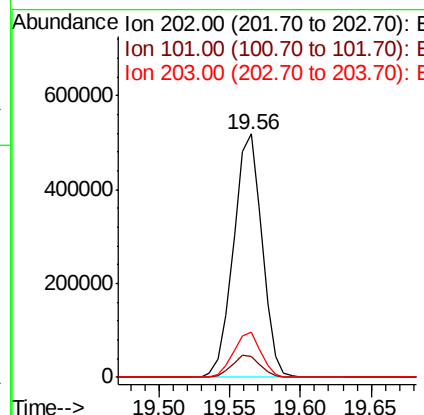
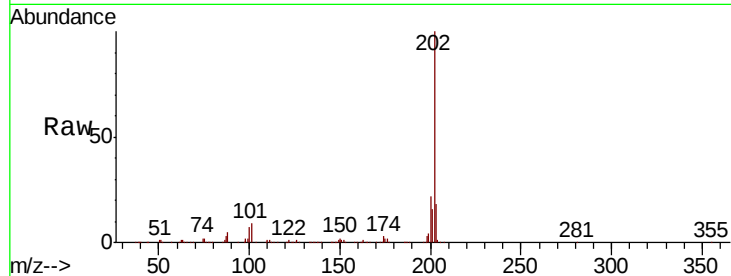
#75
Fluoranthene
Concen: 42.839 ng
RT: 19.56 min Scan# 2805
Delta R.T. -0.01 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Instrument :
BNA_G
ClientSampleId :
PB117835BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.7	0.0	30.0
203	18.4	0.0	38.9

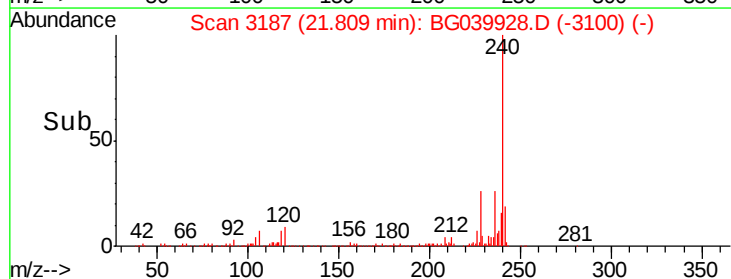
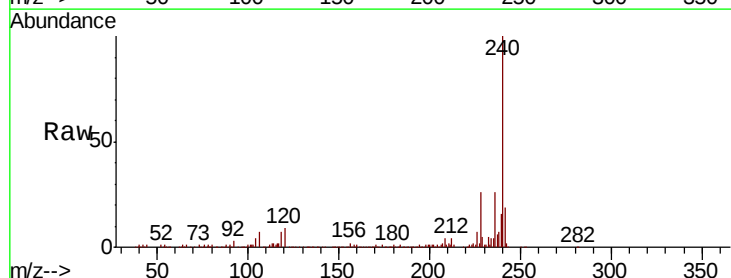
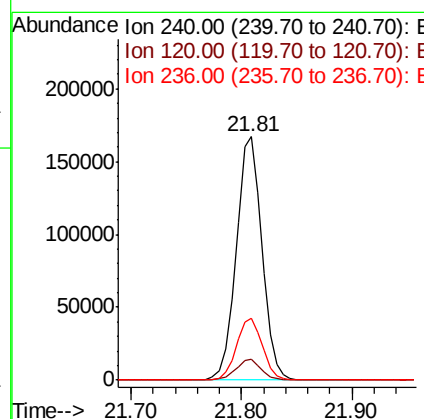
Manual Integrations
APPROVED

Sohil
3/15/2019 10:12:31 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.5	7.0	10.6
236	25.5	21.0	31.4





#77

Benzidine

Concen: 34.190 ng

RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

Instrument :

BNA_G

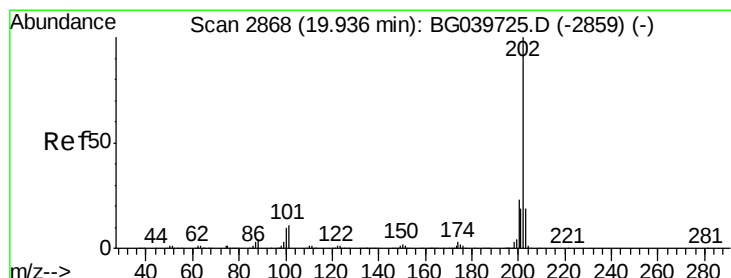
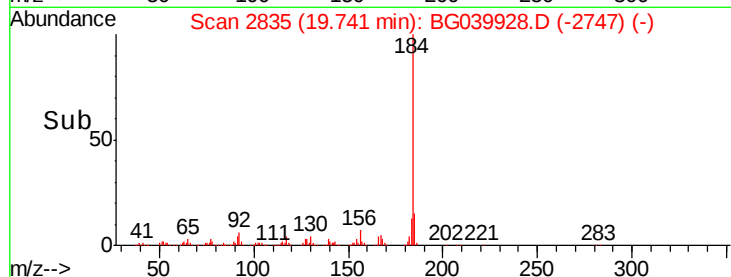
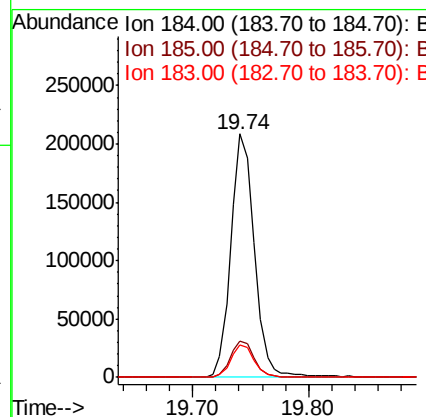
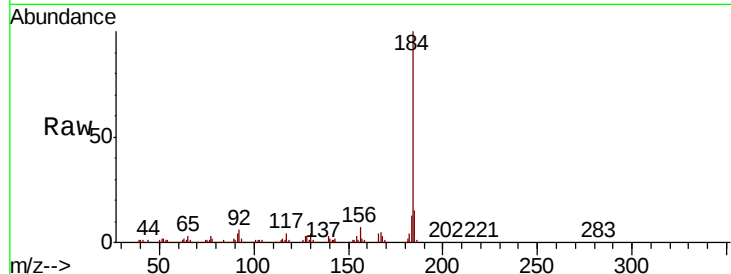
ClientSampled :

PB117835BS

Tot Ion:	184	Resp:	295260
Ion Ratio	Lower	Upper	
184	100		
185	15.1	12.2	18.2
183	13.2	10.6	15.8

Manual Integrations
APPROVED

Sohil
3/15/2019 10:12:31 AM



#78

Pyrene

Concen: 41.191 ng

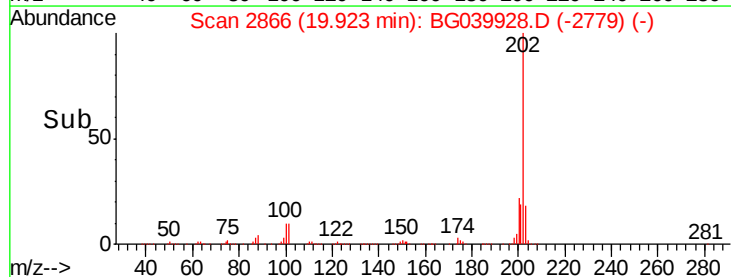
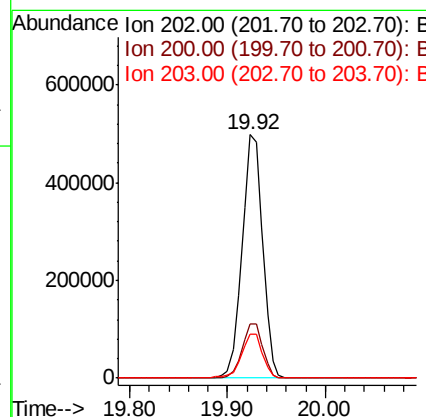
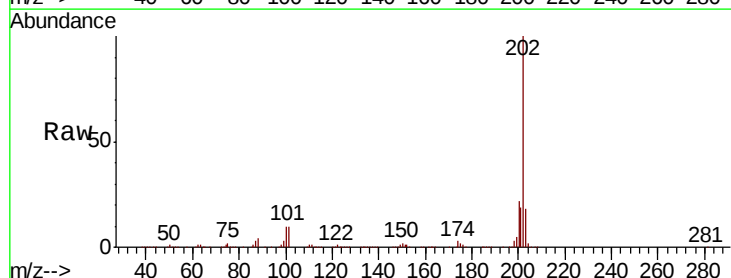
RT: 19.92 min Scan# 2866

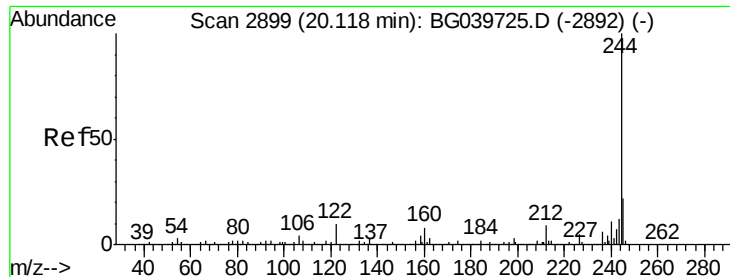
Delta R.T. -0.02 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

Tgt Ion:	202	Resp:	728423
Ion Ratio	Lower	Upper	
202	100		
200	22.3	17.8	26.8
203	17.9	15.3	22.9





#79

Terphenyl-d14

Concen: 80.284 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

Instrument :

BNA_G

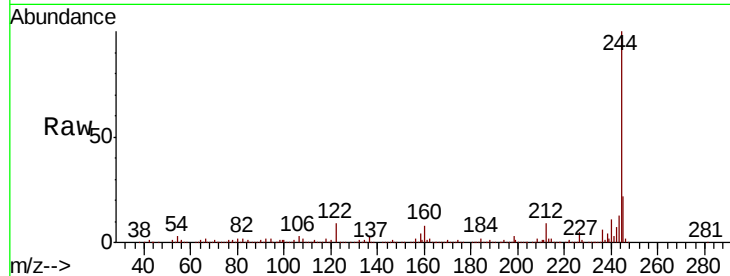
ClientSampleId :

PB117835BS

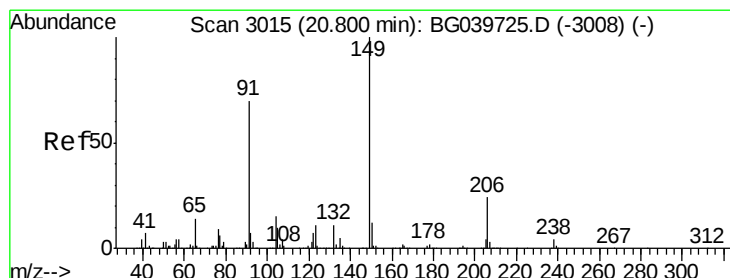
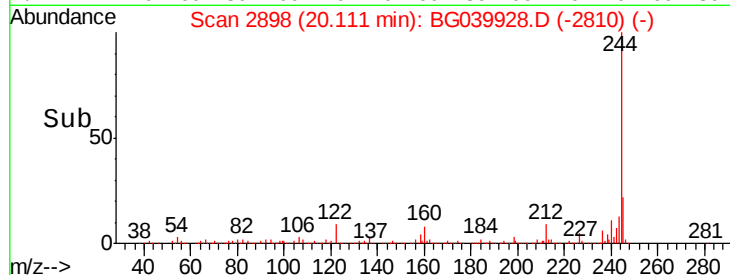
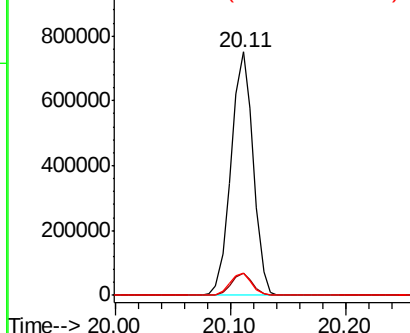
Tot Ion:	244	Resp:	992307
Ion Ratio		Lower	Upper
244	100		
212	8.9	7.3	10.9
122	9.2	8.4	12.6

Manual Integrations
APPROVED

Sohil
3/15/2019 10:12:31 AM



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.387 ng

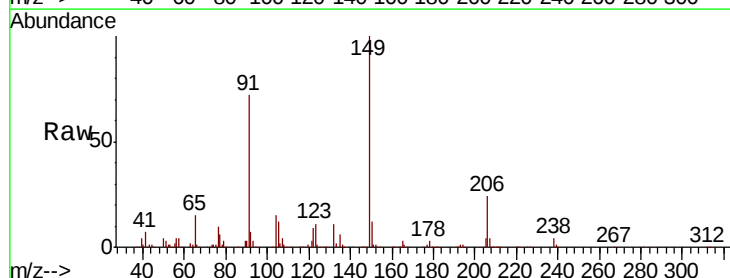
RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

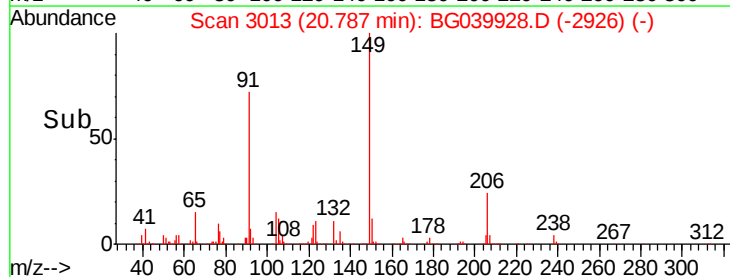
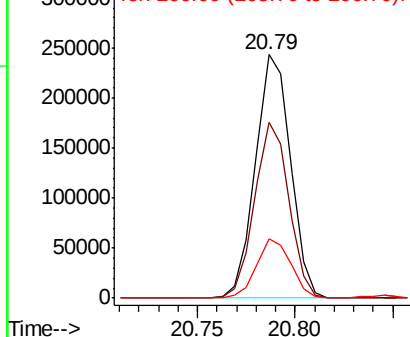
Lab File: BG039928.D

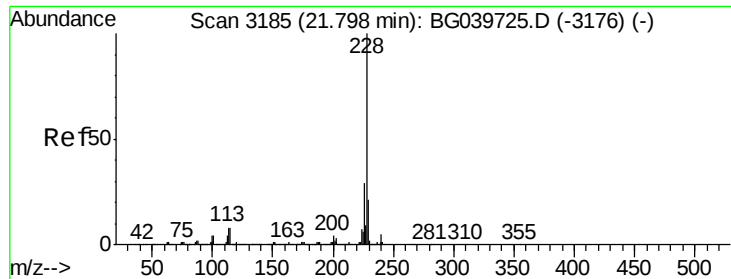
Acq: 14 Mar 2019 17:02

Tgt Ion:	149	Resp:	304103
Ion Ratio		Lower	Upper
149	100		
91	72.3	59.5	89.3
206	24.3	18.6	27.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





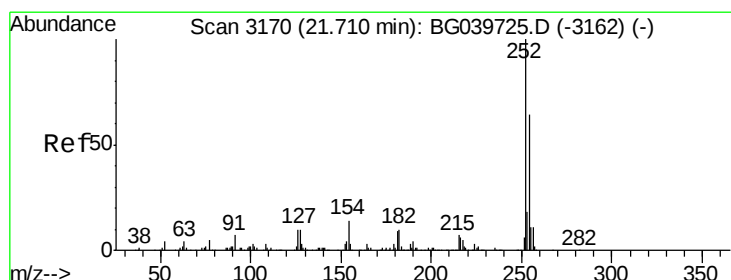
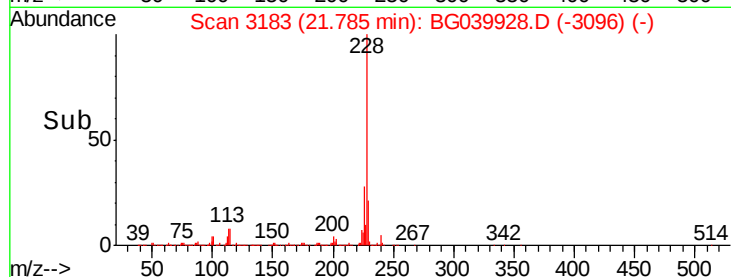
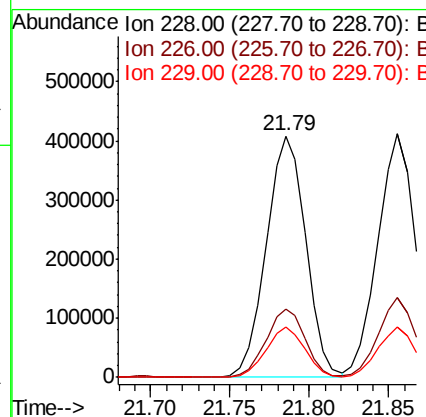
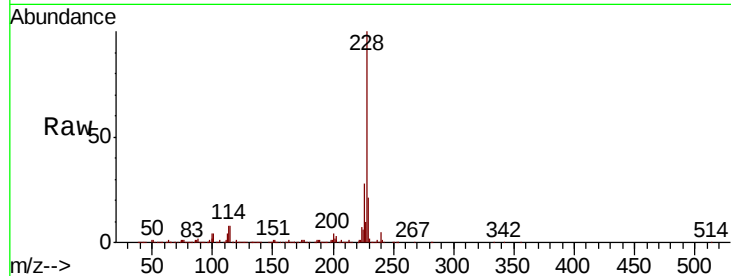
#81
Benzo(a)anthracene
Concen: 41.425 ng
RT: 21.79 min Scan# 3183
Delta R.T. -0.02 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Instrument :
BNA_G
ClientSampled :
PB117835BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.0	34.6
229	20.8	16.9	25.3

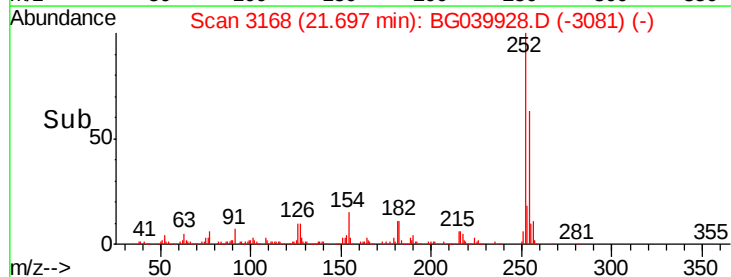
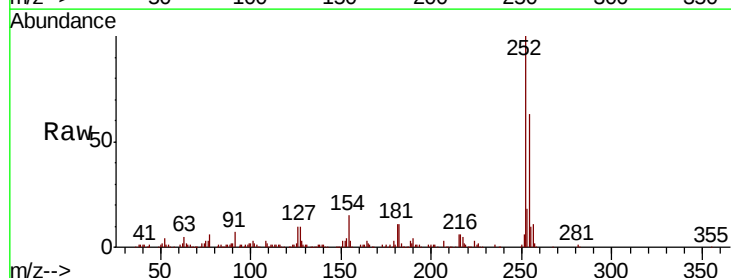
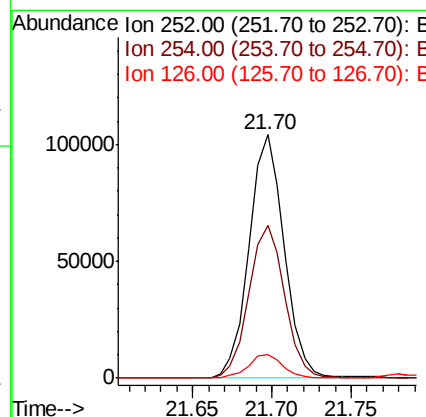
Manual Integrations
APPROVED

Sohil
3/15/2019 10:12:31 AM



#82
3,3'-Dichlorobenzidine
Concen: 25.735 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.02 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.0	51.3	76.9
126	9.7	8.0	12.0





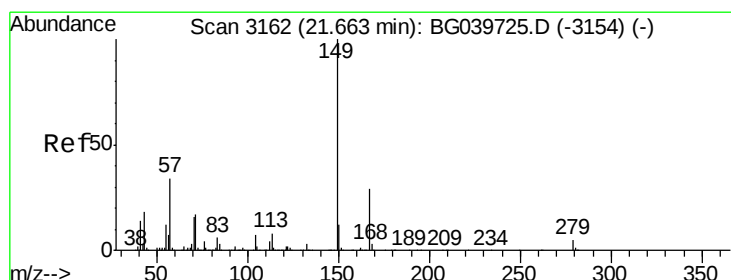
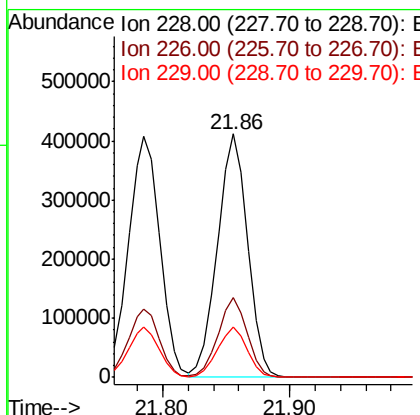
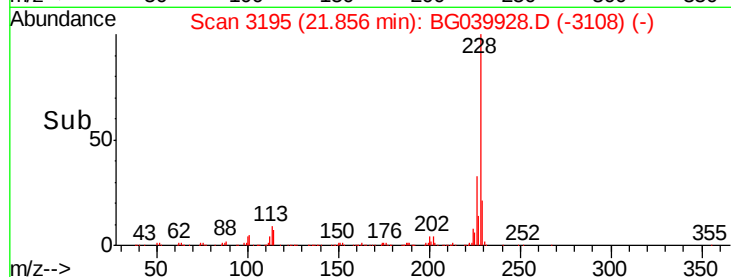
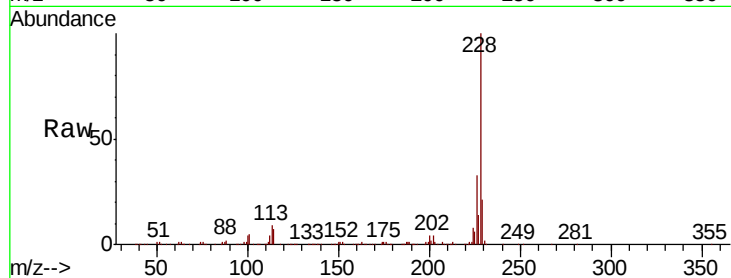
#83
Chrysene
Concen: 40.959 ng
RT: 21.86 min Scan# 3195
Delta R.T. -0.02 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Instrument :
BNA_G
ClientSampled :
PB117835BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.8	38.6
229	20.8	16.6	25.0

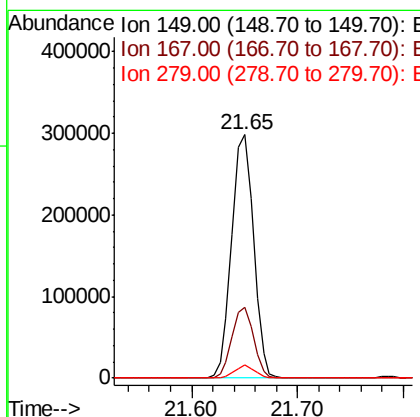
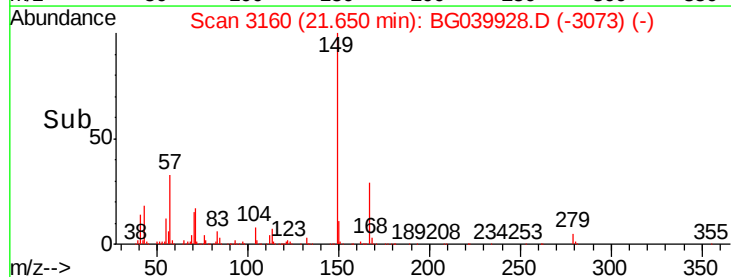
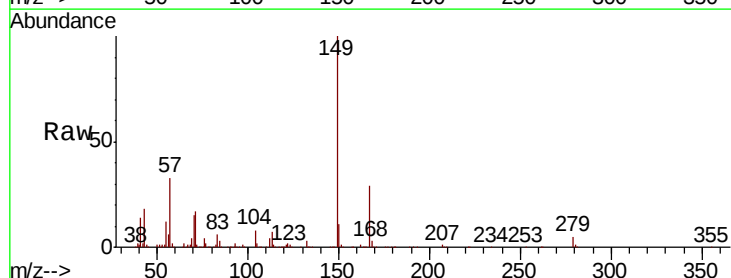
Manual Integrations
APPROVED

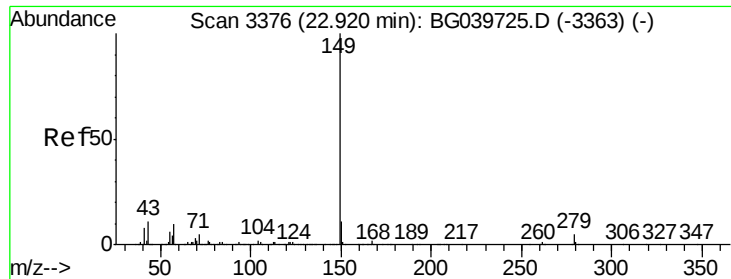
Sohil
3/15/2019 10:12:31 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.318 ng
RT: 21.65 min Scan# 3160
Delta R.T. -0.02 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.2	22.6	34.0
279	5.2	3.5	5.3





#85

Di-n-octyl phthalate

Concen: 45.946 ng

RT: 22.90 min Scan# 3373

Delta R.T. -0.03 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

Instrument :

BNA_G

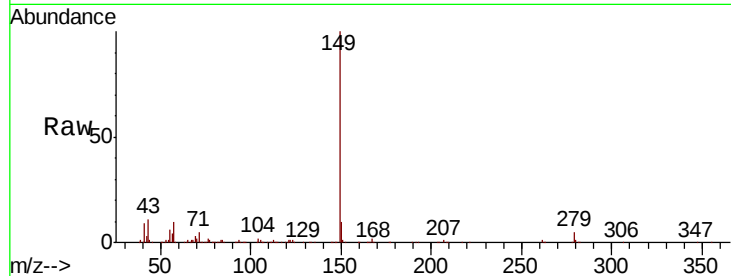
ClientSampled :

PB117835BS

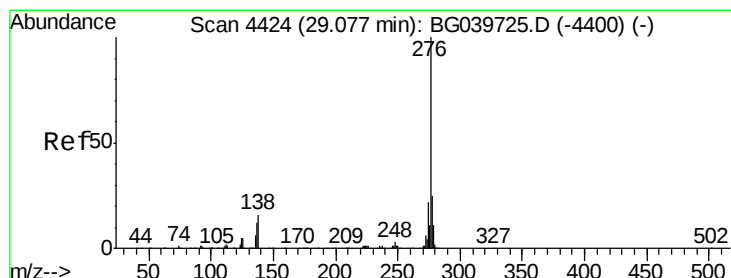
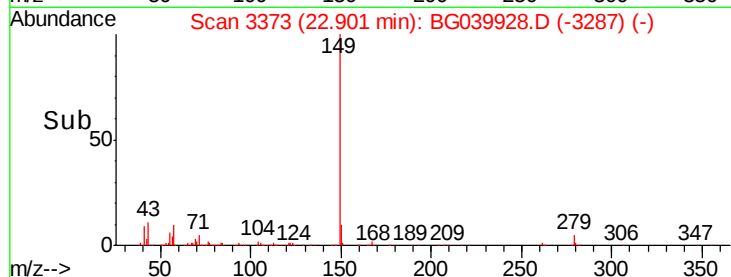
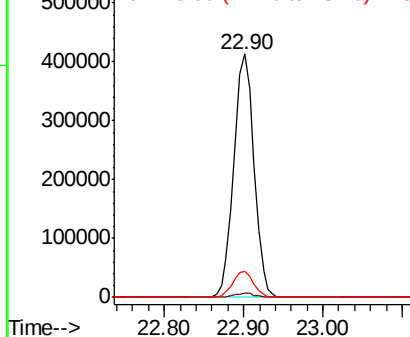
Tot Ion:	149	Resp:	732423
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	10.8	10.2	15.4

Manual Integrations
APPROVED

Sohil
3/15/2019 10:12:31 AM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.258 ng

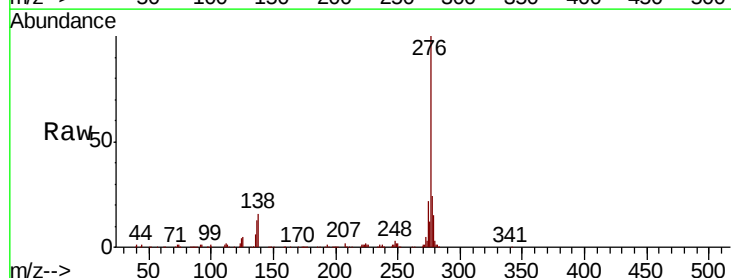
RT: 29.04 min Scan# 4418

Delta R.T. -0.05 min

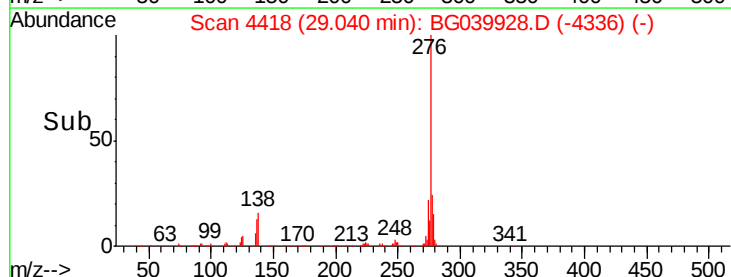
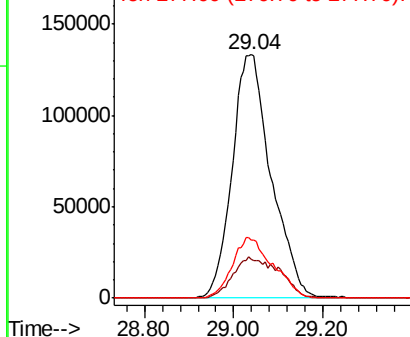
Lab File: BG039928.D

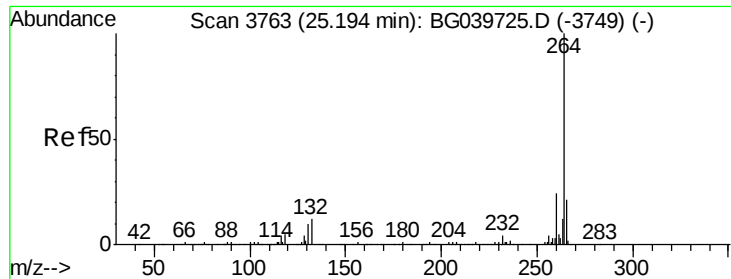
Acq: 14 Mar 2019 17:02

Tgt Ion:	276	Resp:	811453
Ion Ratio	Lower	Upper	
276	100		
138	20.0	12.6	19.0#
277	25.9	20.8	31.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.16 min Scan# 3758

Delta R.T. -0.04 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

Instrument :

BNA_G

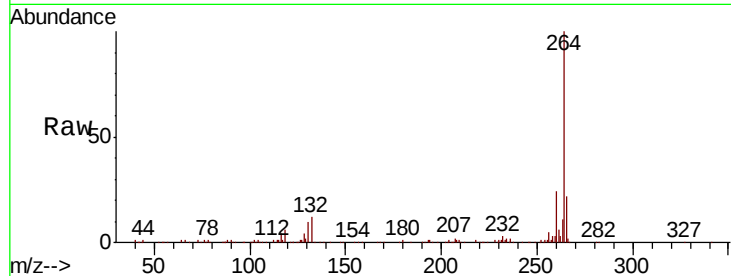
ClientSampleId :

PB117835BS

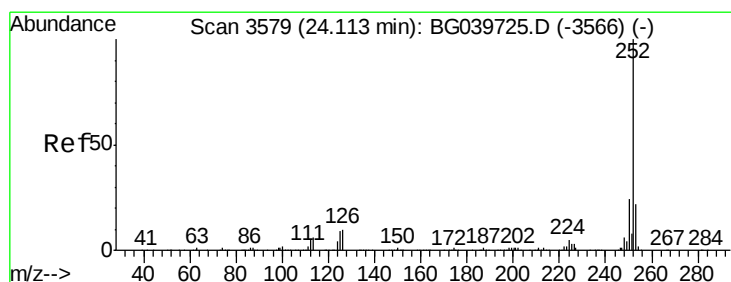
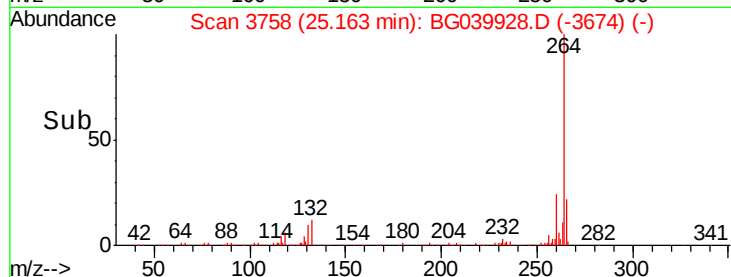
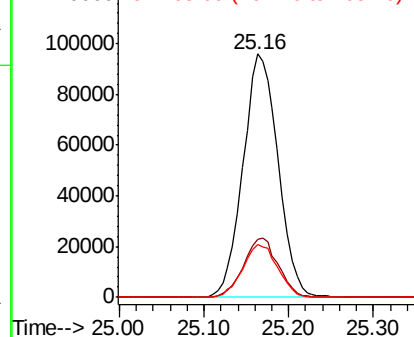
Tot Ion:	264	Resp:	275802
Ion Ratio	Lower	Upper	
264	100		
260	23.8	18.2	27.4
265	21.5	18.5	27.7

Manual Integrations
APPROVED

Sohil
3/15/2019 10:12:31 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: 43.045 ng

RT: 24.09 min Scan# 3575

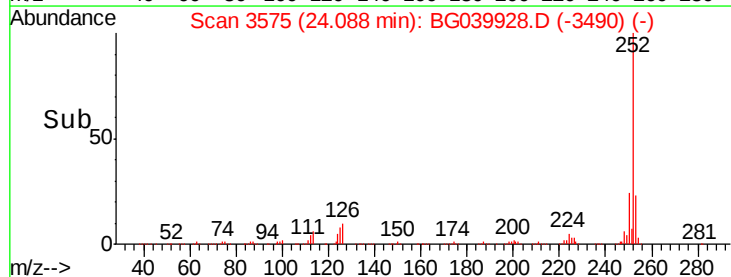
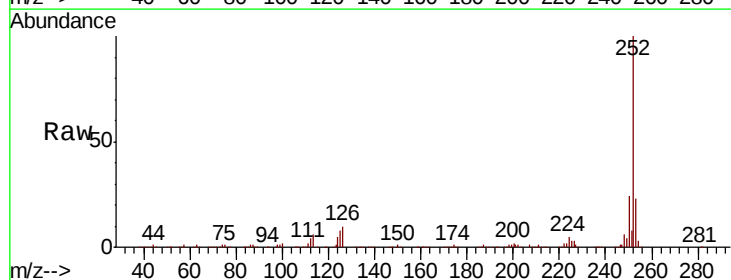
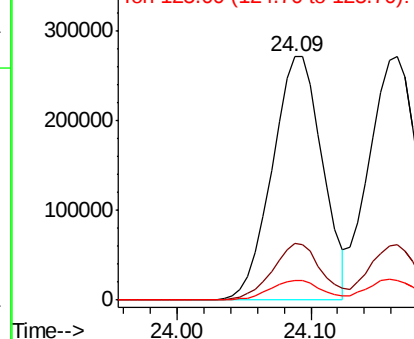
Delta R.T. -0.03 min

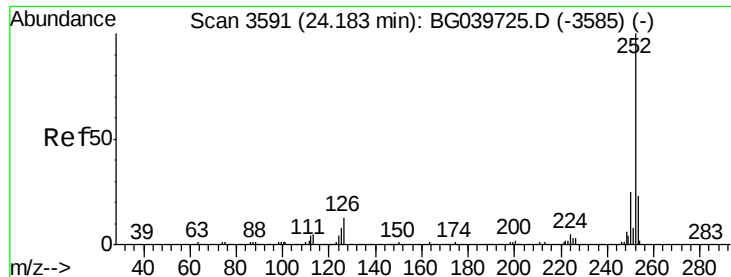
Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

Tgt Ion:	252	Resp:	707952
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.8	26.8
125	8.1	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





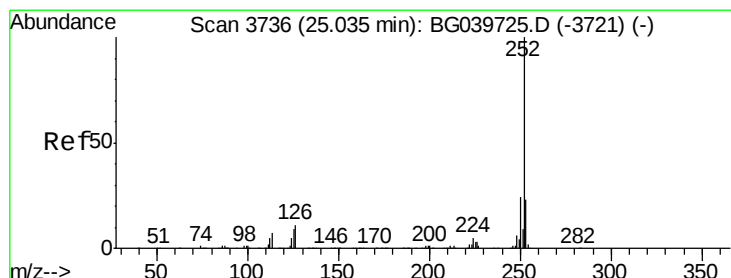
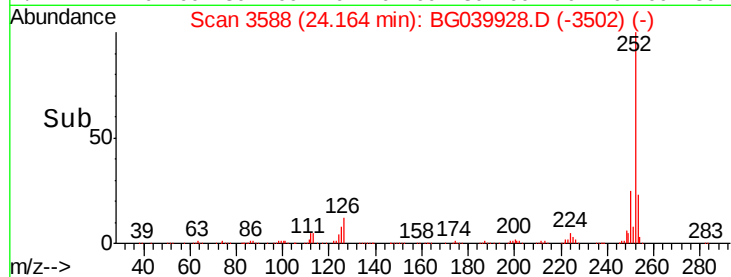
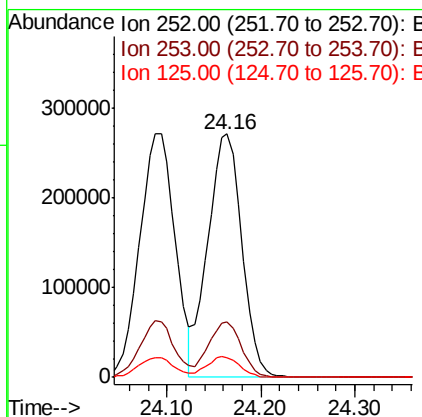
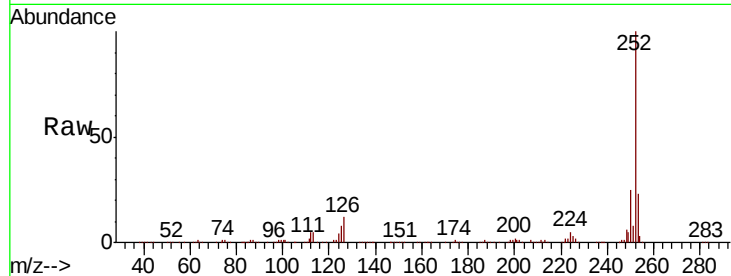
#89
Benzo(k)fluoranthene
Concen: 44.680 ng
RT: 24.16 min Scan# 3588
Delta R.T. -0.03 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Instrument :
BNA_G
ClientSampleId :
PB117835BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	8.1	7.4	11.2

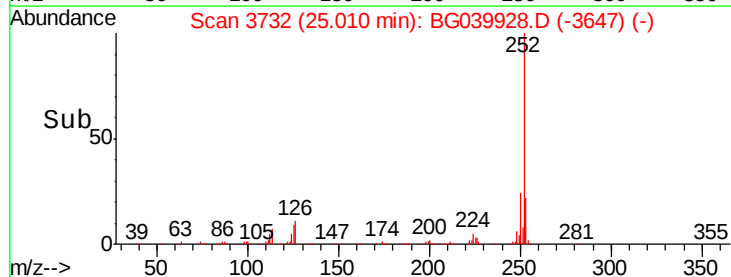
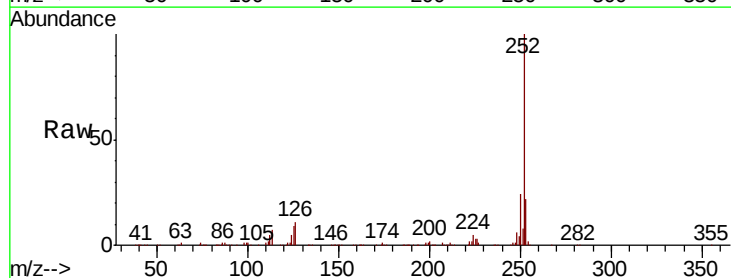
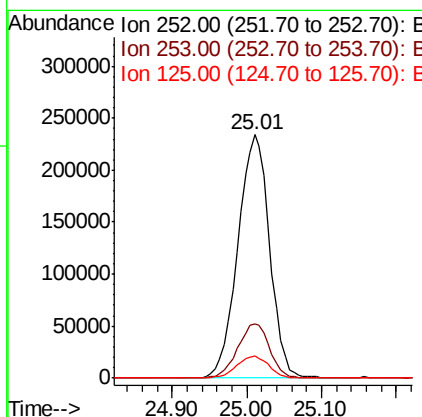
Manual Integrations
APPROVED

Sohil
3/15/2019 10:12:31 AM



#90
Benzo(a)pyrene
Concen: 45.279 ng
RT: 25.01 min Scan# 3732
Delta R.T. -0.03 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	9.1	8.3	12.5





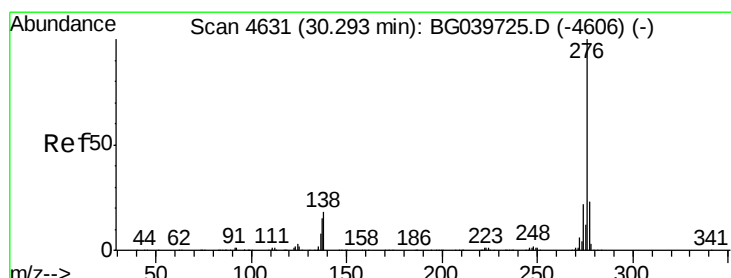
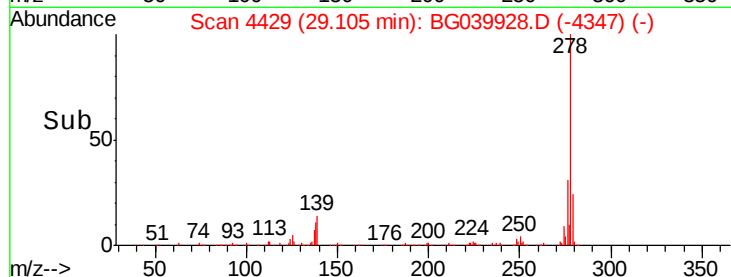
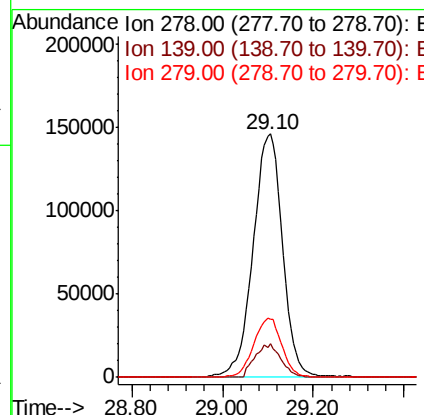
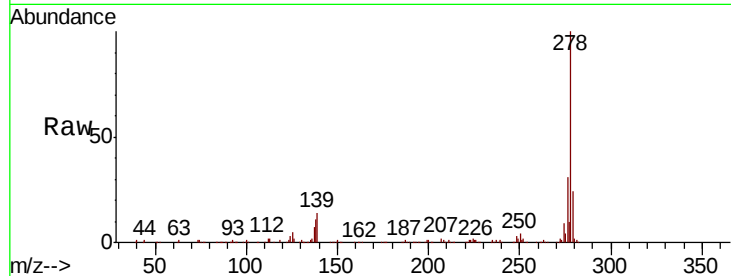
#91
Dibenzo(a,h)anthracene
Concen: 44.244 ng
RT: 29.10 min Scan# 4429
Delta R.T. -0.05 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Instrument :
BNA_G
ClientSampleId :
PB117835BS

Tot Ion:	278	Resp:	659191
Ion Ratio	Lower	Upper	
278	100		
139	13.7	11.7	17.5
279	23.6	19.1	28.7

Manual Integrations
APPROVED

Sohil
3/15/2019 10:12:31 AM



#92
Benzo(g,h,i)perylene
Concen: 45.290 ng
RT: 30.26 min Scan# 4626
Delta R.T. -0.05 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Tgt Ion:	276	Resp:	677697
Ion Ratio	Lower	Upper	
276	100		
277	23.4	19.6	29.4
138	17.0	14.7	22.1

