

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041119\
 Data File : BG040439.D
 Acq On : 11 Apr 2019 13:28
 Operator : JU/SJ
 Sample : PB118804BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118804BS

Manual Integrations
 APPROVED

Sohil
 4/15/2019 12:22:59 AM

Quant Time: Apr 12 03:50:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	54508	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	237685	20.00	ng	-0.03
39) Acenaphthene-d10	14.67	164	153225	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	415620	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	439389	20.00	ng	-0.04
87) Perylene-d12	24.97	264	431005	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	456257	139.15	ng	-0.02
7) Phenol-d6	7.21	99	631028	139.26	ng	-0.02
23) Nitrobenzene-d5	9.22	82	390986	87.44	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	263367	159.04	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	880593	85.16	ng	-0.02
79) Terphenyl-d14	20.02	244	1590126	81.41	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	53669	34.810	ng	# 95
3) Pyridine	3.89	79	132367	31.887	ng	97
4) n-Nitrosodimethylamine	3.82	42	72364	37.686	ng	# 90
6) Aniline	7.37	93	182879	31.063	ng	98
8) 2-Chlorophenol	7.61	128	163244	42.531	ng	96
9) Benzaldehyde	7.19	77	74051	23.824	ng	93
10) Phenol	7.23	94	215102	43.733	ng	99
11) bis(2-Chloroethyl)ether	7.46	93	157516	39.985	ng	97
12) 1,3-Dichlorobenzene	7.93	146	159779	38.295	ng	95
13) 1,4-Dichlorobenzene	8.08	146	162373	39.073	ng	100
14) 1,2-Dichlorobenzene	8.40	146	156951	39.495	ng	96
15) Benzyl Alcohol	8.29	79	142927	39.165	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	297461	39.344	ng	98
17) 2-Methylphenol	8.48	107	145862	42.857	ng	99
18) Hexachloroethane	9.12	117	59639	37.729	ng	97
19) n-Nitroso-di-n-propylamine	8.85	70	123006	37.861	ng	97
20) 3+4-Methylphenols	8.81	107	200837	43.559	ng	98
22) Acetophenone	8.88	105	242032	40.822	ng	# 98
24) Nitrobenzene	9.26	77	186001	40.168	ng	98
25) Isophorone	9.77	82	361572	39.298	ng	99
26) 2-Nitrophenol	9.97	139	90865	41.413	ng	98
27) 2,4-Dimethylphenol	10.01	122	167779	48.140	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	215876	39.658	ng	99
29) 2,4-Dichlorophenol	10.50	162	166144	43.919	ng	99
30) 1,2,4-Trichlorobenzene	10.71	180	170333	41.006	ng	97
31) Naphthalene	10.91	128	497600	40.844	ng	99
32) Benzoic acid	10.17	122	66993	31.814	ng	93
33) 4-Chloroaniline	11.03	127	145305	27.961	ng	97
34) Hexachlorobutadiene	11.17	225	101959	38.380	ng	94
35) Caprolactam	11.81	113	64480m	42.951	ng	
36) 4-Chloro-3-methylphenol	12.14	107	190567	43.818	ng	98
37) 2-Methylnaphthalene	12.51	142	372258	41.314	ng	98
38) 1-Methylnaphthalene	12.73	142	359165	41.107	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	190367	39.090	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041119\
 Data File : BG040439.D
 Acq On : 11 Apr 2019 13:28
 Operator : JU/SJ
 Sample : PB118804BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118804BS

Manual Integrations
 APPROVED

Sohil
 4/15/2019 12:22:59 AM

Quant Time: Apr 12 03:50:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	213513	79.848	ng	96
43) 2,4,6-Trichlorophenol	13.11	196	137795	43.886	ng	97
44) 2,4,5-Trichlorophenol	13.19	196	150236	43.898	ng	96
46) 1,1'-Biphenyl	13.51	154	484258	39.999	ng	98
47) 2-Chloronaphthalene	13.56	162	378684	40.777	ng	100
48) 2-Nitroaniline	13.77	65	135012	43.101	ng	98
49) Acenaphthylene	14.40	152	622718	39.549	ng	100
50) Dimethylphthalate	14.13	163	503015	41.946	ng	99
51) 2,6-Dinitrotoluene	14.26	165	117391	43.597	ng	96
52) Acenaphthene	14.74	154	370713	41.089	ng	97
53) 3-Nitroaniline	14.60	138	97774	34.304	ng	92
54) 2,4-Dinitrophenol	14.80	184	128348	89.628	ng	94
55) Dibenzofuran	15.07	168	619364	42.722	ng	98
56) 4-Nitrophenol	14.90	139	208403	90.595	ng	97
57) 2,4-Dinitrotoluene	15.04	165	174756	46.708	ng	96
58) Fluorene	15.72	166	490289	43.014	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	149777	48.228	ng	98
60) Diethylphthalate	15.48	149	546761	44.556	ng	100
61) 4-Chlorophenyl-phenylether	15.71	204	262575	43.097	ng	100
62) 4-Nitroaniline	15.76	138	141792	46.356	ng	95
63) Azobenzene	16.00	77	502578	43.419	ng	100
65) 4,6-Dinitro-2-methylphenol	15.80	198	96789	41.451	ng	98
66) n-Nitrosodiphenylamine	15.93	169	476808	39.204	ng	98
67) 4-Bromophenyl-phenylether	16.60	248	176614	37.761	ng	97
68) Hexachlorobenzene	16.72	284	184102	39.148	ng	97
69) Atrazine	16.87	200	181868	40.199	ng	98
70) Pentachlorophenol	17.07	266	211893	77.936	ng	95
71) Phenanthrene	17.47	178	894660	40.954	ng	99
72) Anthracene	17.56	178	920476	42.096	ng	98
73) Carbazole	17.83	167	886780	42.853	ng	99
74) Di-n-butylphthalate	18.36	149	1070001	43.622	ng	99
75) Fluoranthene	19.47	202	1133033	43.800	ng	99
77) Benzidine	19.66	184	421237	26.548	ng	99
78) Pyrene	19.83	202	1116047	38.625	ng	99
80) Butylbenzylphthalate	20.70	149	520318	42.082	ng	96
81) Benzo(a)anthracene	21.68	228	1044523	38.595	ng	98
82) 3,3'-Dichlorobenzidine	21.59	252	307659	29.884	ng	97
83) Chrysene	21.74	228	1039207	39.954	ng	100
84) Bis(2-ethylhexyl)phthalate	21.54	149	756214	42.785	ng	99
85) Di-n-octyl phthalate	22.76	149	1287950	42.770	ng	100
86) Indeno(1,2,3-cd)pyrene	28.74	276	1274939	40.077	ng	100
88) Benzo(b)fluoranthene	23.92	252	1132104	42.903	ng	99
89) Benzo(k)fluoranthene	23.99	252	1089717	44.906	ng	99
90) Benzo(a)pyrene	24.82	252	1107608	44.736	ng	99
91) Dibenzo(a,h)anthracene	28.80	278	1041778	45.305	ng	98
92) Benzo(g,h,i)perylene	29.93	276	1063267	44.993	ng	98

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

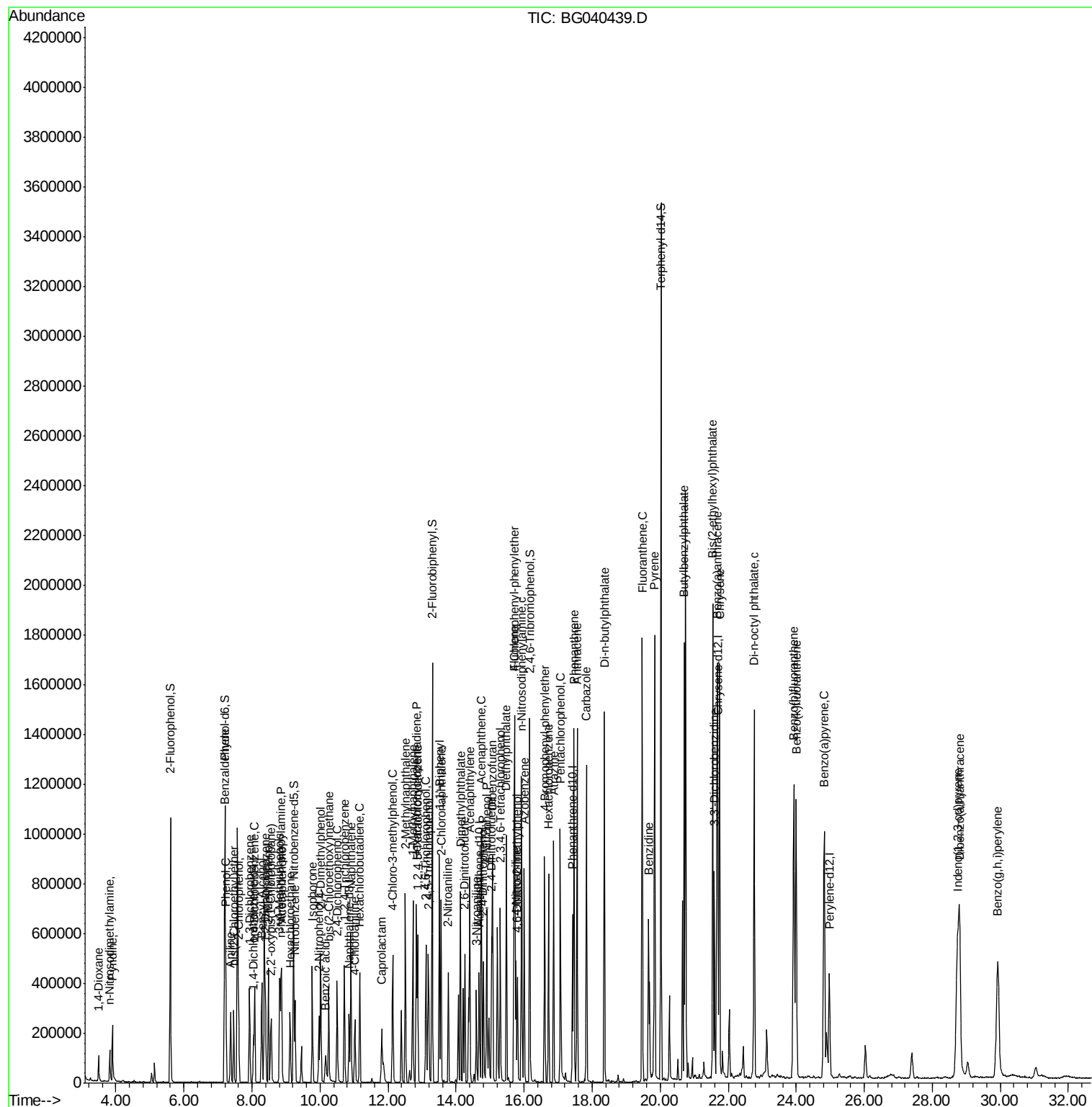
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041119\
Data File : BG040439.D
Acq On : 11 Apr 2019 13:28
Operator : JU/SJ
Sample : PB118804BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB118804BS

Manual Integrations
APPROVED

Sohil
4/15/2019 12:22:59 AM

Quant Time: Apr 12 03:50:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration





#1

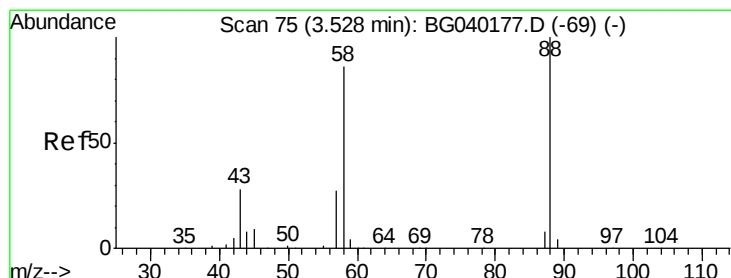
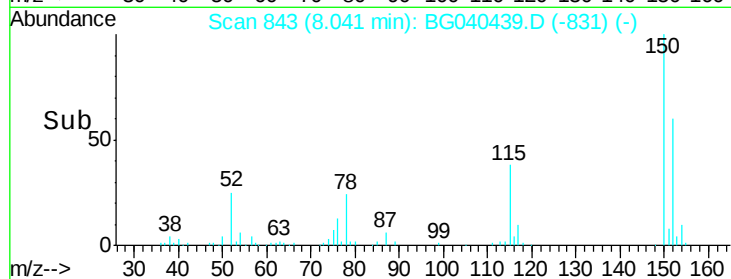
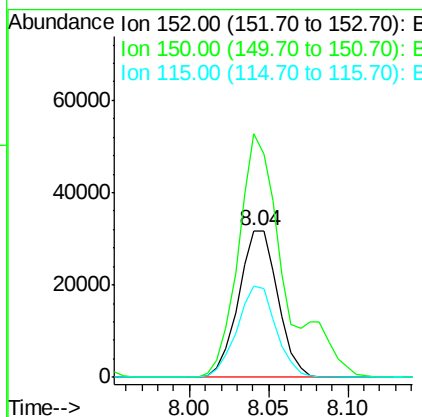
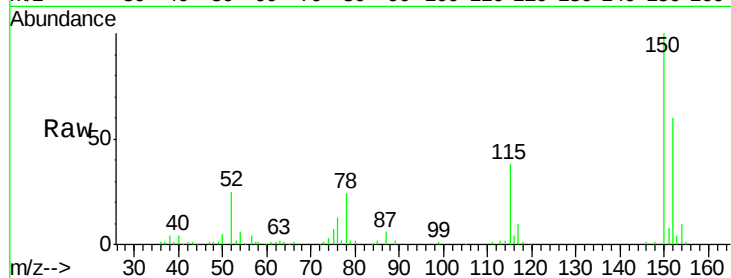
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040439.D
Acq: 11 Apr 2019 13:28

Instrument :
BNA_G
ClientSampleId :
PB118804BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	166.0	123.7	185.5
115	62.5	46.9	70.3

Manual Integrations
APPROVED

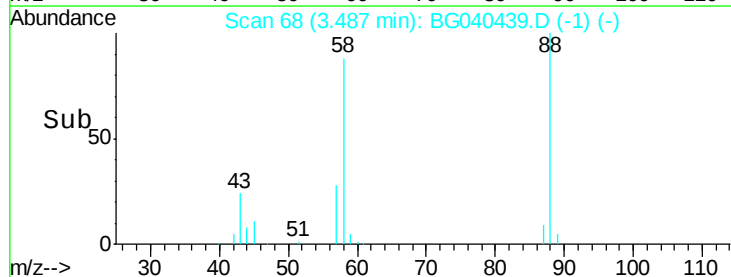
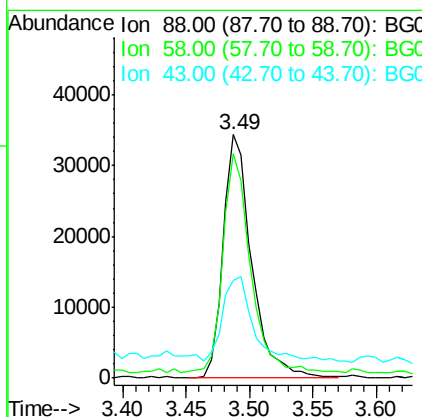
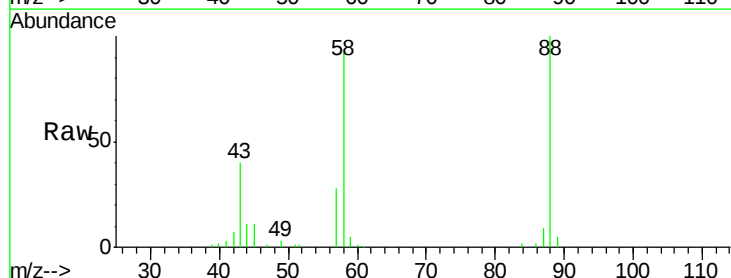
Sohil
4/15/2019 12:22:59 AM

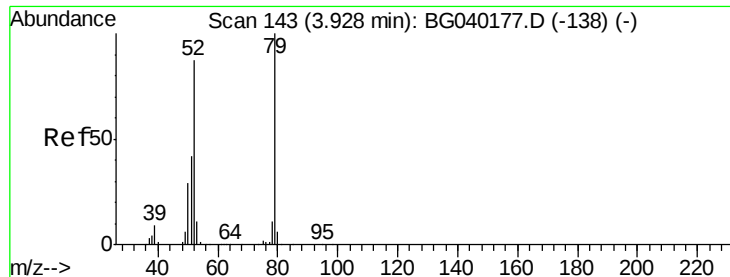


#2

1,4-Dioxane
Concen: 34.810 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.04 min
Lab File: BG040439.D
Acq: 11 Apr 2019 13:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.0	70.6	106.0
43	38.6	24.8	37.2





#3

Pyridine

Concen: 31.887 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.04 min

Lab File: BG040439.D

Acq: 11 Apr 2019 13:28

Instrument :

BNA_G

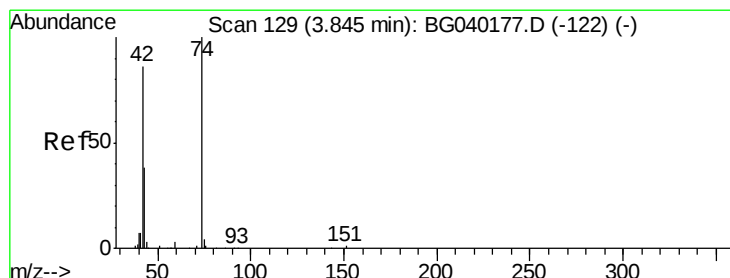
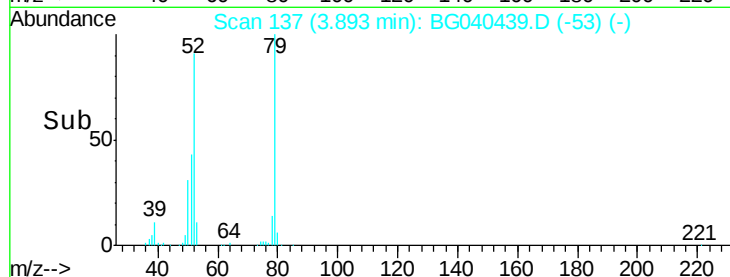
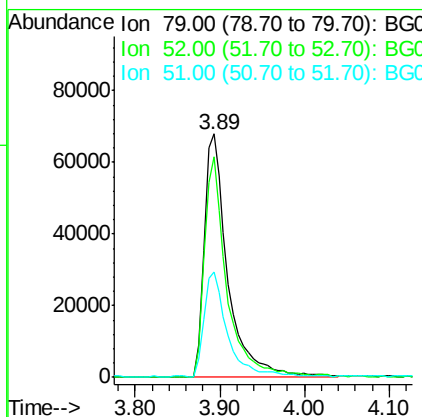
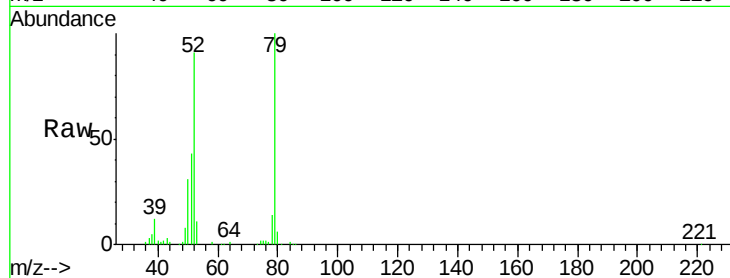
ClientSampleId :

PB118804BS

Tgt Ion:	79	Resp:	132367
Ion Ratio	Lower	Upper	
79	100		
52	90.7	69.8	104.8
51	43.5	33.9	50.9

Manual Integrations
APPROVED

Sohil
4/15/2019 12:22:59 AM



#4

n-Nitrosodimethylamine

Concen: 37.686 ng

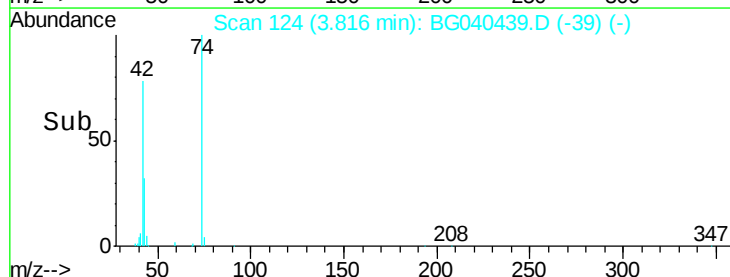
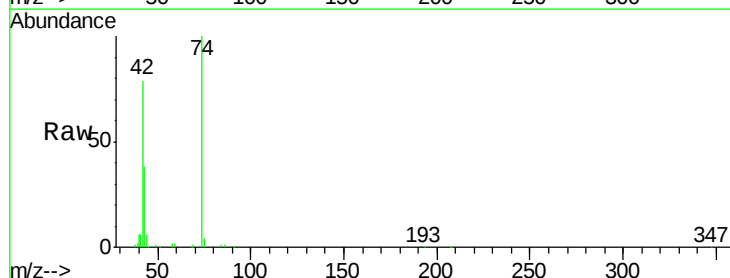
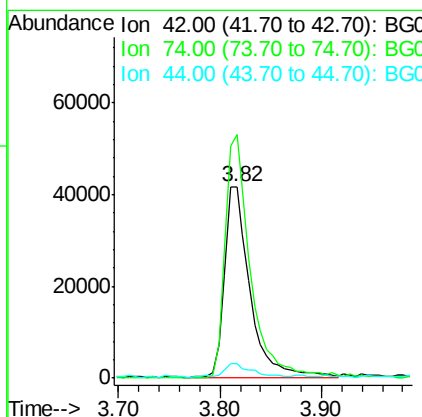
RT: 3.82 min Scan# 124

Delta R.T. -0.03 min

Lab File: BG040439.D

Acq: 11 Apr 2019 13:28

Tgt Ion:	42	Resp:	72364
Ion Ratio	Lower	Upper	
42	100		
74	127.1	92.9	139.3
44	7.9	9.7	14.5#





#5

2-Fluorophenol

Concen: 139.152 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.02 min

Lab File: BG040439.D

Acq: 11 Apr 2019 13:28

Instrument :

BNA_G

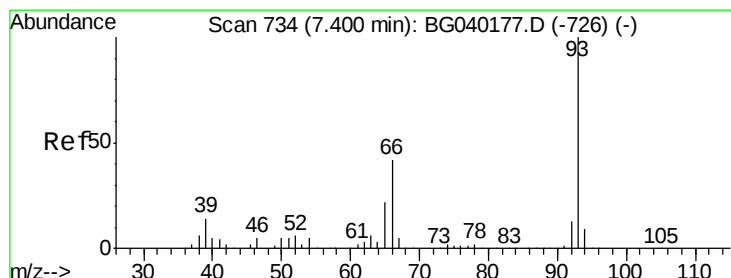
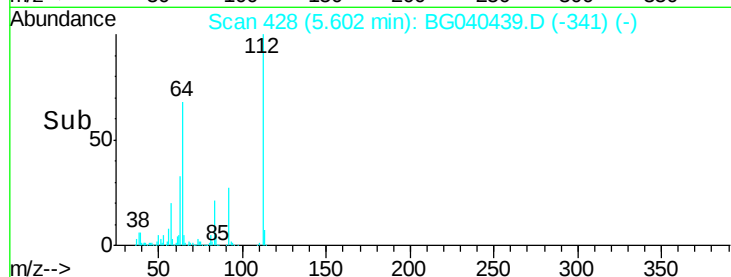
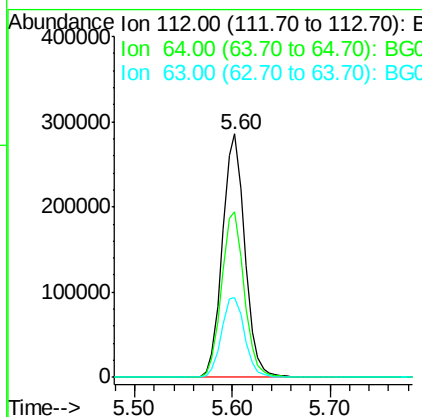
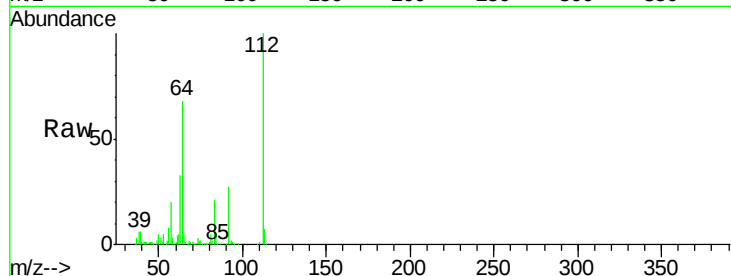
ClientSampleId :

PB118804BS

Tgt Ion:	112	Resp:	456257
Ion Ratio	Lower	Upper	
112	100		
64	67.8	54.2	81.2
63	32.8	26.4	39.6

Manual Integrations
APPROVED

Sohil
4/15/2019 12:22:59 AM



#6

Aniline

Concen: 31.063 ng

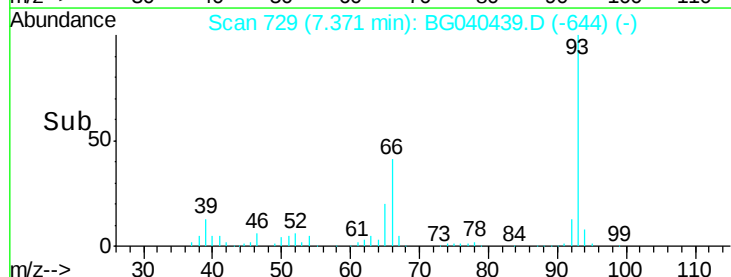
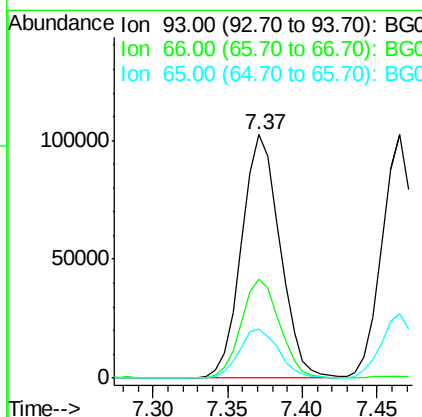
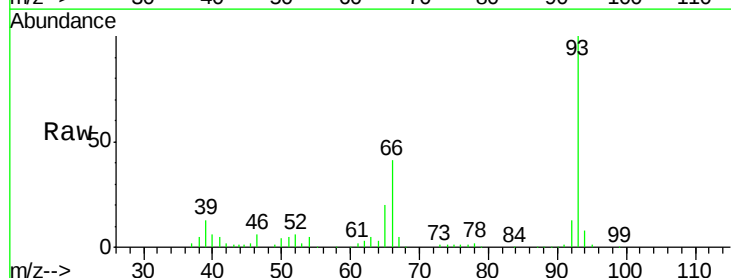
RT: 7.37 min Scan# 729

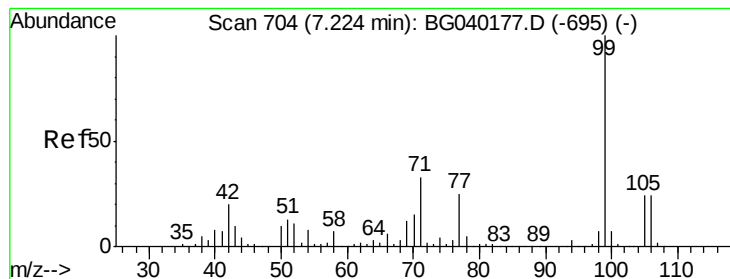
Delta R.T. -0.03 min

Lab File: BG040439.D

Acq: 11 Apr 2019 13:28

Tgt Ion:	93	Resp:	182879
Ion Ratio	Lower	Upper	
93	100		
66	40.8	33.6	50.4
65	20.2	17.4	26.2





#7

Phenol-d6

Concen: 139.256 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040439.D

Acq: 11 Apr 2019 13:28

Instrument :

BNA_G

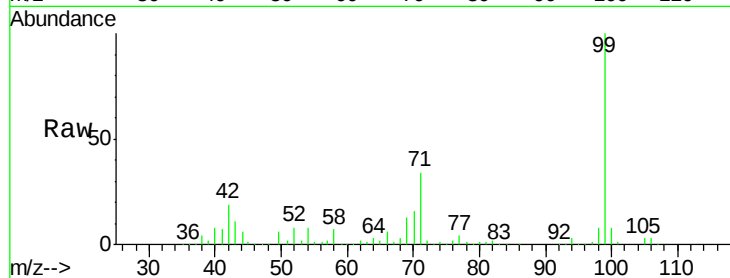
ClientSampleId :

PB118804BS

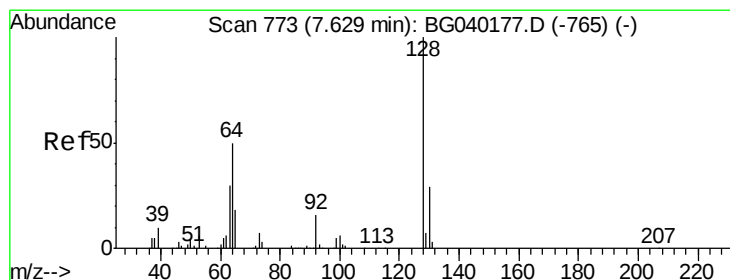
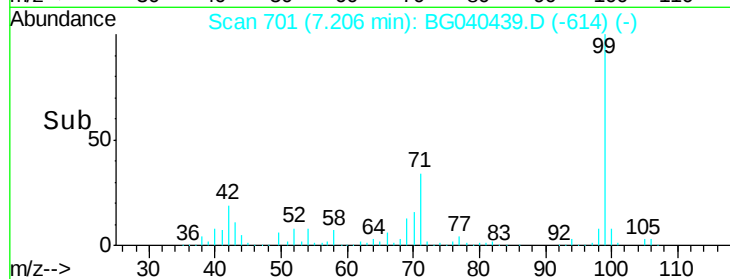
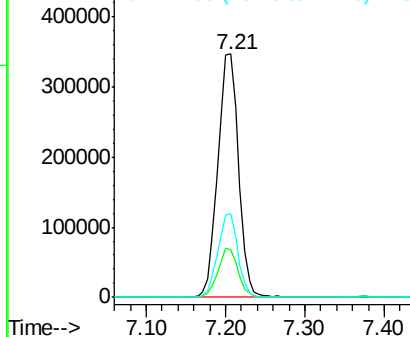
Tgt Ion:	99	Resp:	631028
Ion Ratio	Lower	Upper	
99	100		
42	19.5	16.2	24.2
71	34.3	26.8	40.2

Manual Integrations
APPROVED

Sohil
4/15/2019 12:22:59 AM



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



#8

2-Chlorophenol

Concen: 42.531 ng

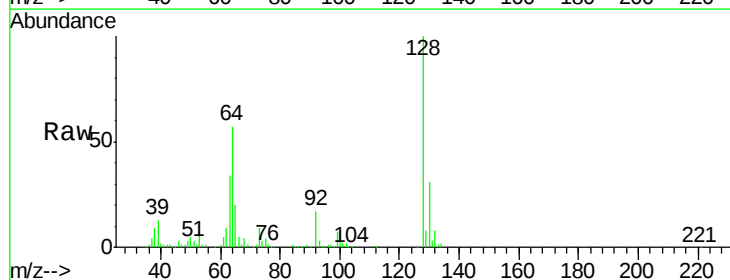
RT: 7.61 min Scan# 769

Delta R.T. -0.02 min

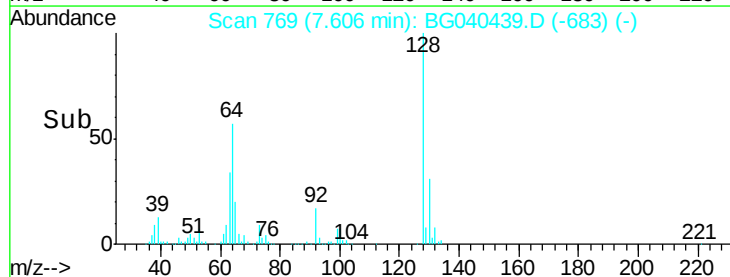
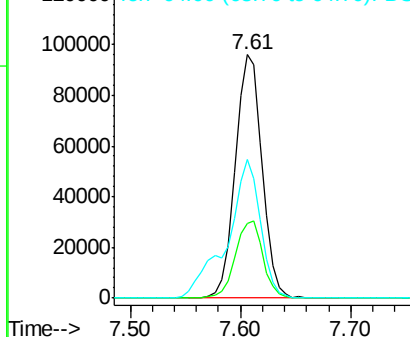
Lab File: BG040439.D

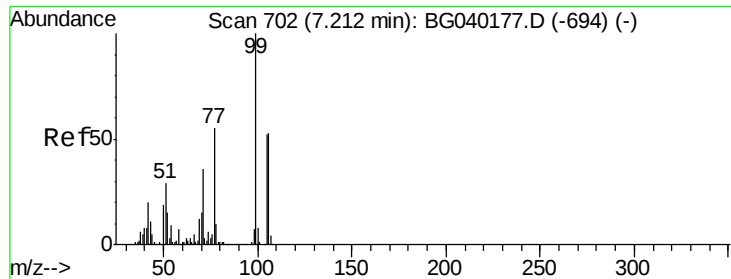
Acq: 11 Apr 2019 13:28

Tgt Ion:	128	Resp:	163244
Ion Ratio	Lower	Upper	
128	100		
130	30.8	9.1	49.1
64	56.7	33.1	73.1



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





#9

Benzaldehyde

Concen: 23.824 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.02 min

Lab File: BG040439.D

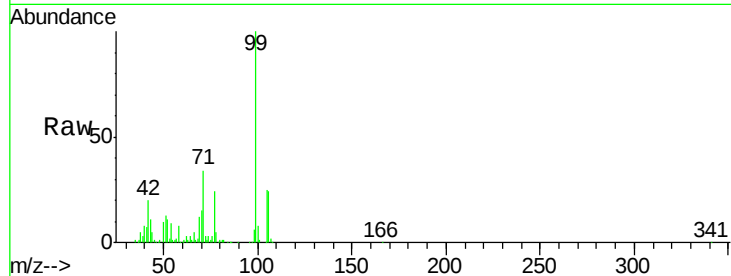
Acq: 11 Apr 2019 13:28

Instrument :

BNA_G

ClientSampled :

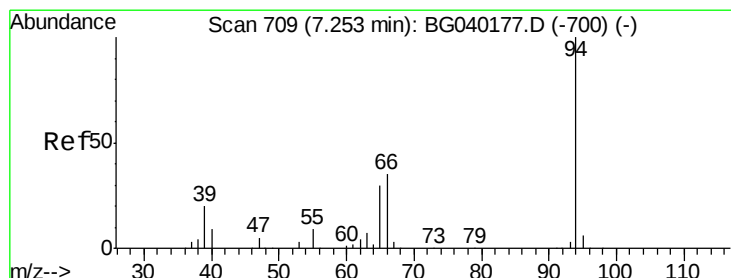
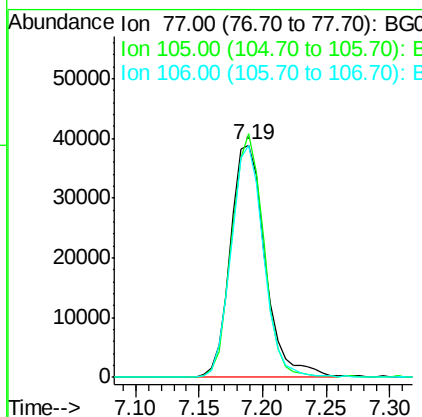
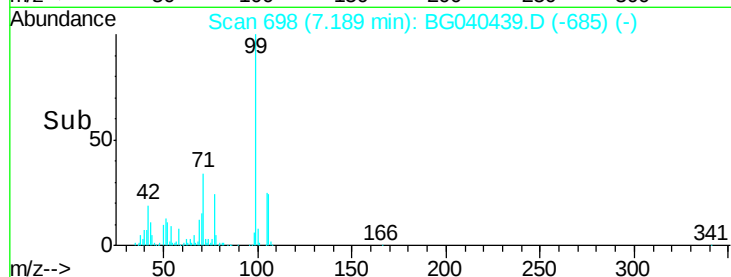
PB118804BS



Tgt Ion:	77	Resp:	74051
Ion	Ratio	Lower	Upper
77	100		
105	104.7	75.0	115.0
106	99.9	75.7	115.7

Manual Integrations
APPROVED

Sohil
4/15/2019 12:22:59 AM



#10

Phenol

Concen: 43.733 ng

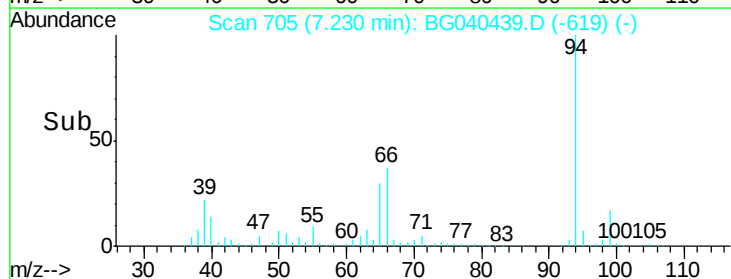
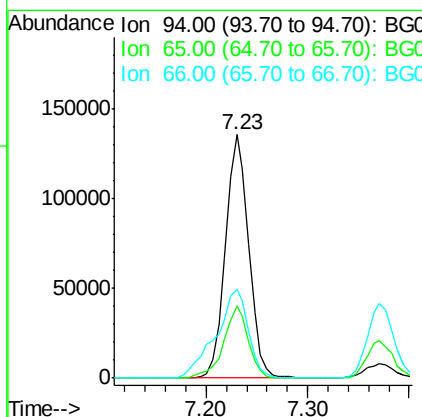
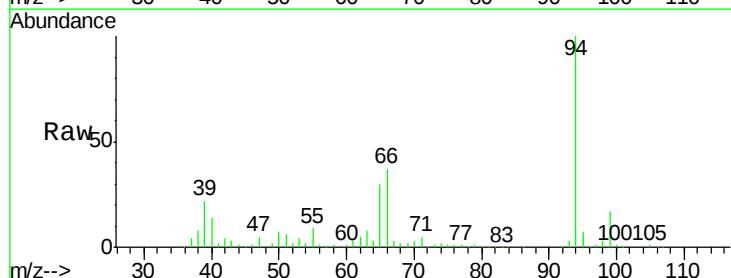
RT: 7.23 min Scan# 705

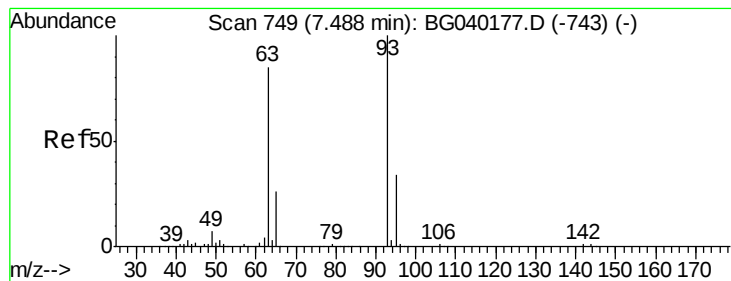
Delta R.T. -0.02 min

Lab File: BG040439.D

Acq: 11 Apr 2019 13:28

Tgt Ion:	94	Resp:	215102
Ion	Ratio	Lower	Upper
94	100		
65	29.7	10.5	50.5
66	36.5	16.9	56.9





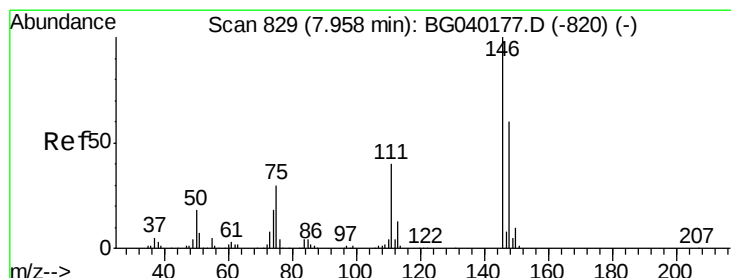
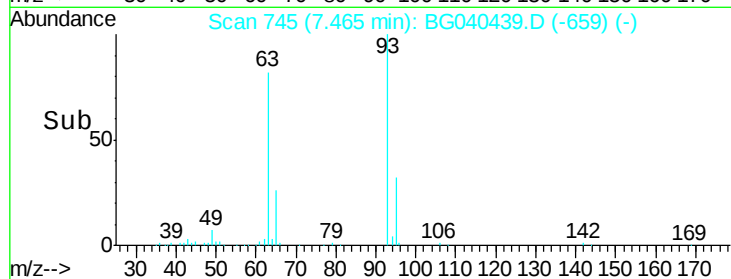
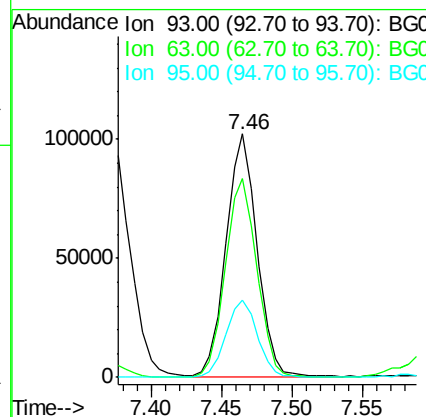
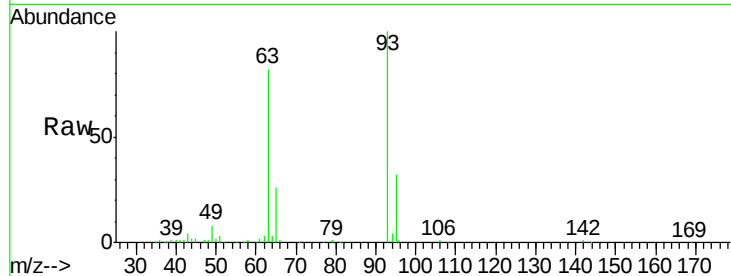
#11
 bis(2-Chloroethyl)ether
 Concen: 39.985 ng
 RT: 7.46 min Scan# 745
 Delta R.T. -0.02 min
 Lab File: BG040439.D
 Acq: 11 Apr 2019 13:28

Instrument :
 BNA_G
 ClientSampleID :
 PB118804BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	157516		
63	81.5	64.2	104.2	
95	31.6	14.0	54.0	

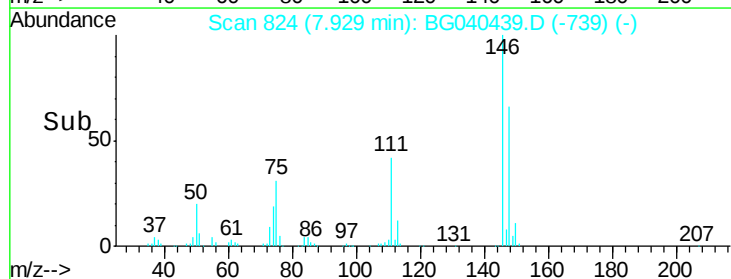
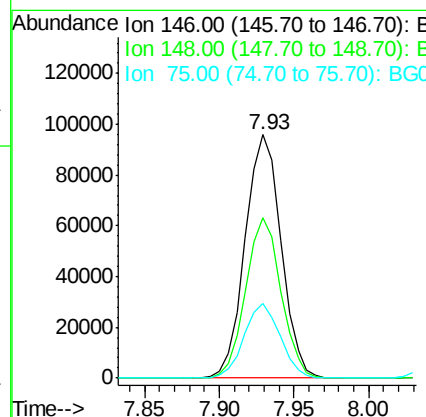
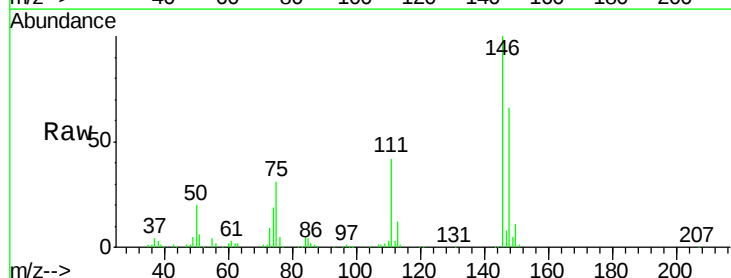
Manual Integrations
 APPROVED

Sohil
 4/15/2019 12:22:59 AM



#12
 1,3-Dichlorobenzene
 Concen: 38.295 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.03 min
 Lab File: BG040439.D
 Acq: 11 Apr 2019 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	159779		
148	65.8	48.2	72.2	
75	30.8	24.1	36.1	





#13

1,4-Dichlorobenzene

Concen: 39.073 ng

RT: 8.08 min Scan# 849

Delta R.T. -0.03 min

Lab File: BG040439.D

Acq: 11 Apr 2019 13:28

Instrument :

BNA_G

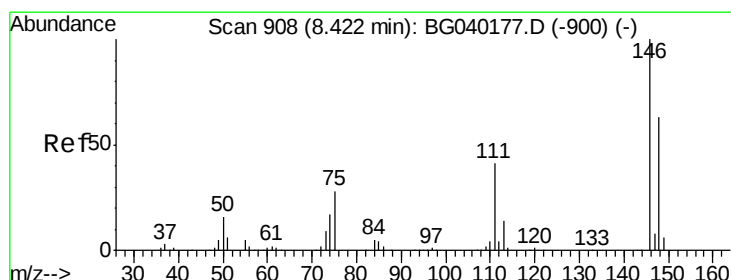
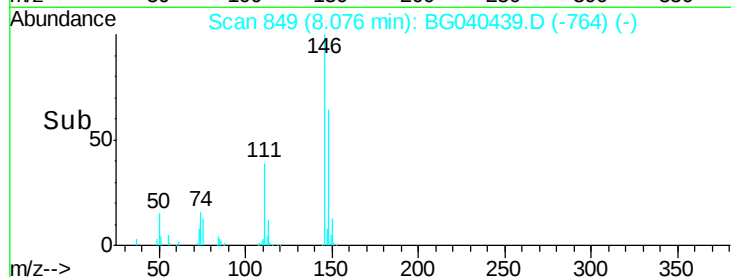
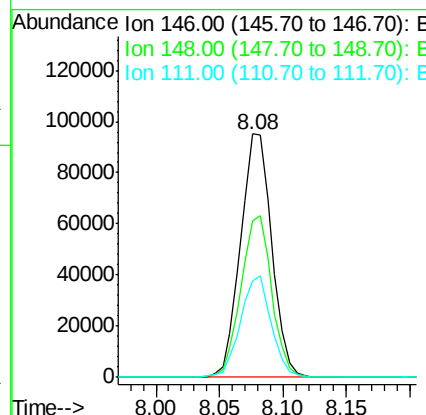
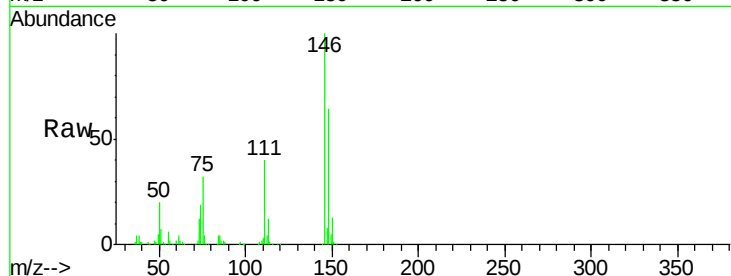
ClientSampleId :

PB118804BS

Tgt Ion:	146	Resp:	162373
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.0	76.4
111	39.5	31.8	47.6

Manual Integrations
APPROVED

Sohil
4/15/2019 12:22:59 AM



#14

1,2-Dichlorobenzene

Concen: 39.495 ng

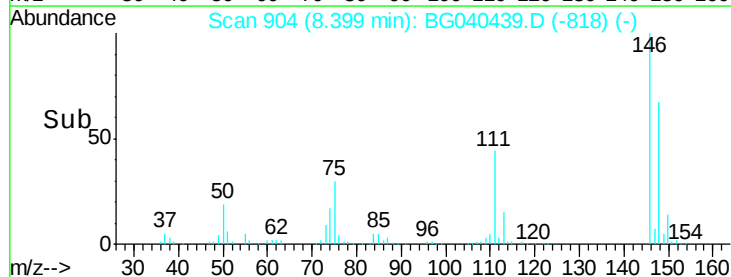
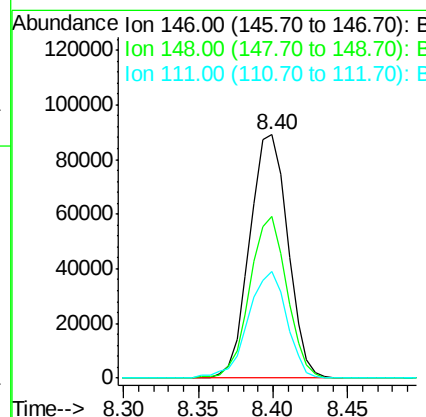
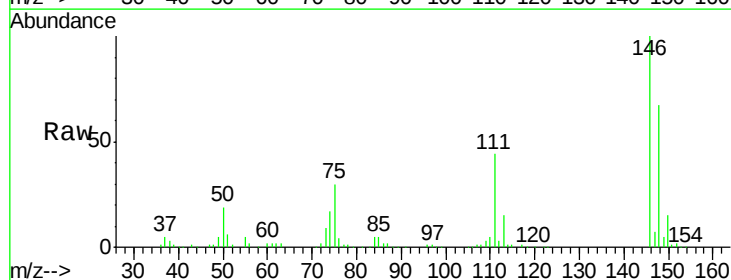
RT: 8.40 min Scan# 904

Delta R.T. -0.02 min

Lab File: BG040439.D

Acq: 11 Apr 2019 13:28

Tgt Ion:	146	Resp:	156951
Ion Ratio	Lower	Upper	
146	100		
148	66.6	50.8	76.2
111	43.8	33.4	50.0





#15

Benzyl Alcohol

Concen: 39.165 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.02 min

Lab File: BG040439.D

Acq: 11 Apr 2019 13:28

Instrument :

BNA_G

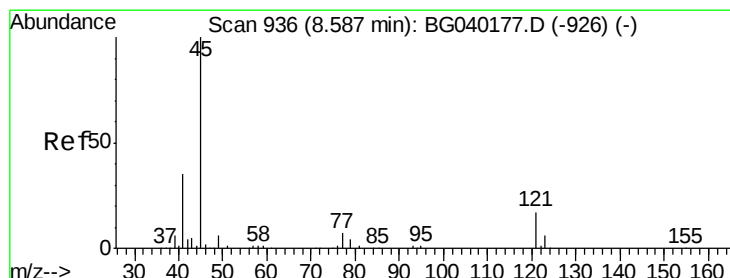
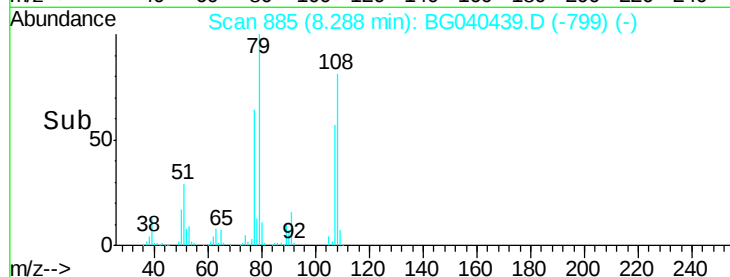
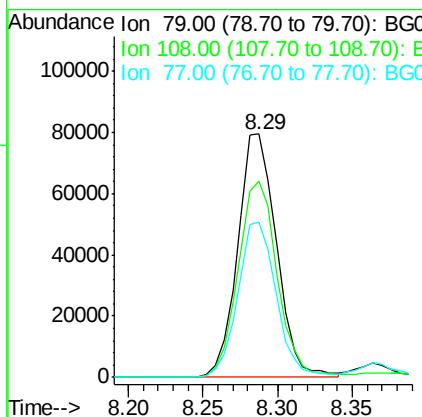
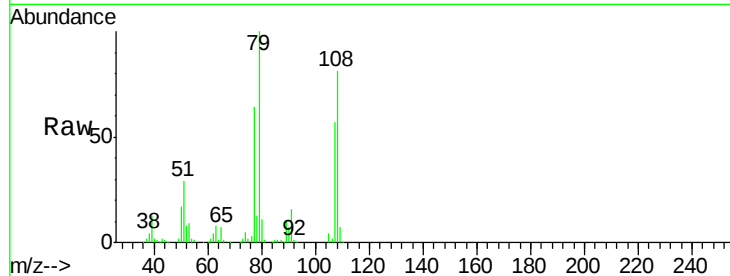
ClientSampled :

PB118804BS

Tgt Ion:	79	Resp:	142927
Ion Ratio	Lower	Upper	
79	100		
108	80.6	62.1	93.1
77	64.0	51.9	77.9

Manual Integrations
APPROVED

Sohil
4/15/2019 12:22:59 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.344 ng

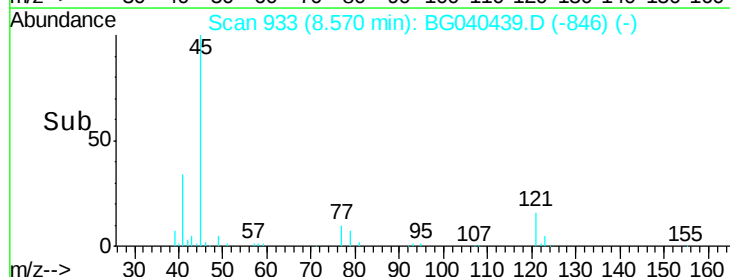
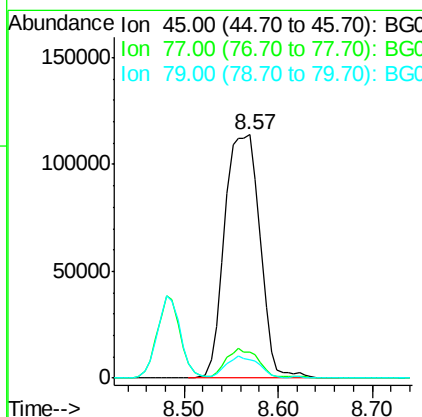
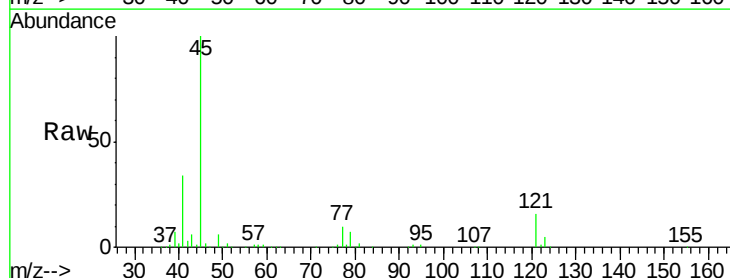
RT: 8.57 min Scan# 933

Delta R.T. -0.02 min

Lab File: BG040439.D

Acq: 11 Apr 2019 13:28

Tgt Ion:	45	Resp:	297461
Ion Ratio	Lower	Upper	
45	100		
77	10.5	0.0	31.4
79	7.5	0.0	28.3





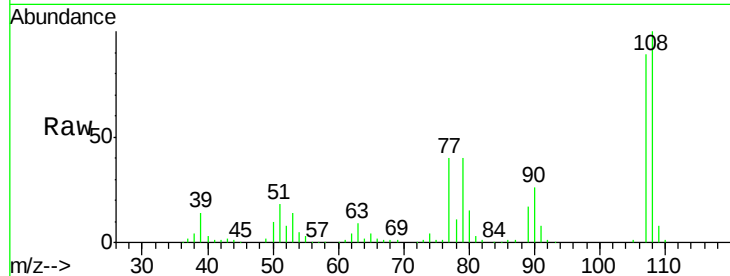
#17
2-Methylphenol
Concen: 42.857 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.02 min
Lab File: BG040439.D
Acq: 11 Apr 2019 13:28

Instrument :
BNA_G
ClientSampleId :
PB118804BS

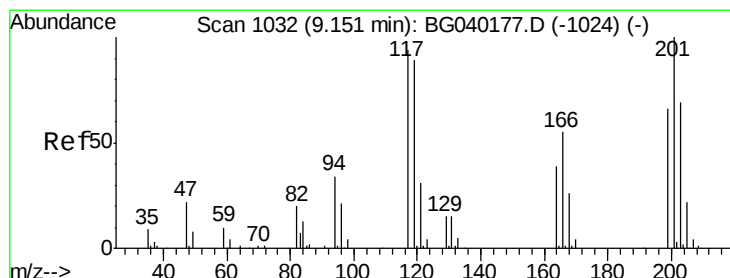
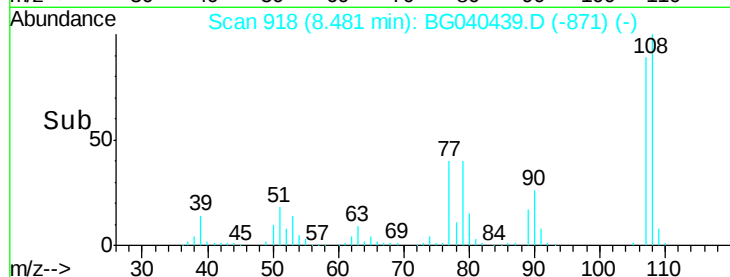
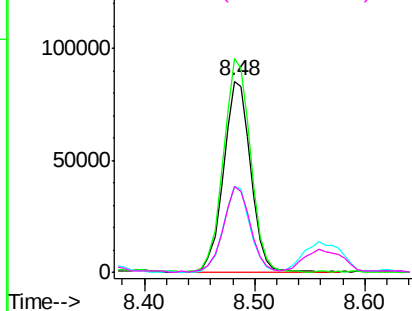
Tgt Ion:	107	Resp:	145862
Ion Ratio	Lower	Upper	
107	100		
108	111.8	88.2	132.4
77	45.3	36.6	55.0
79	45.0	36.5	54.7

Manual Integrations
APPROVED

Sohil
4/15/2019 12:22:59 AM



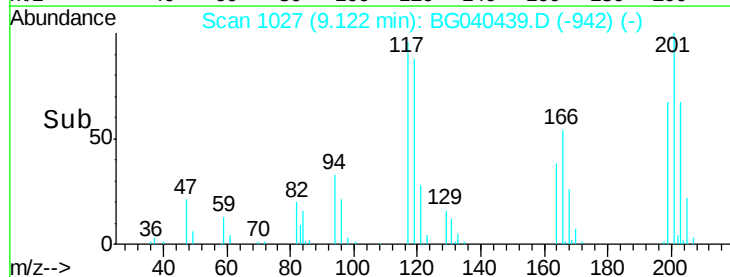
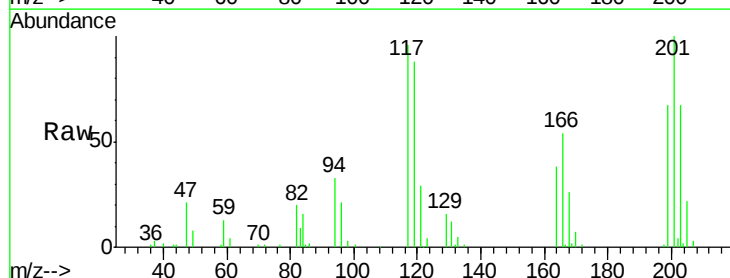
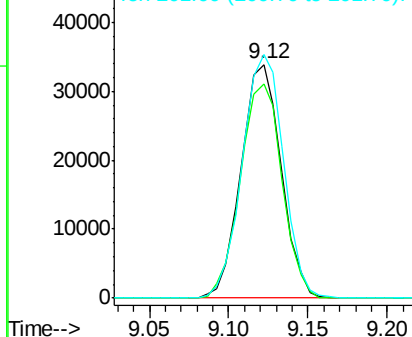
Abundance Ion 107.00 (106.70 to 107.70): E
150000
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

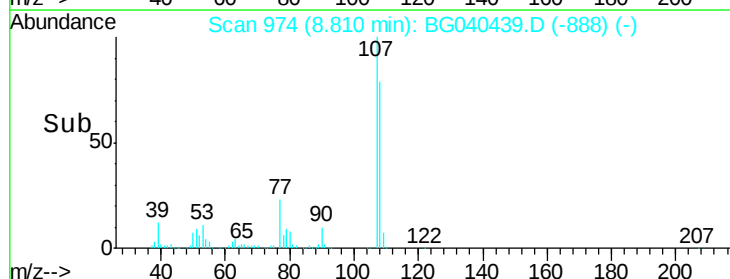
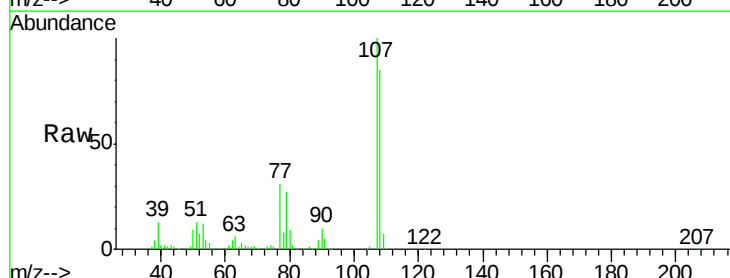
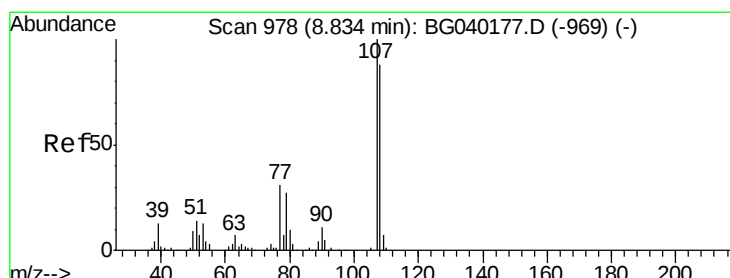
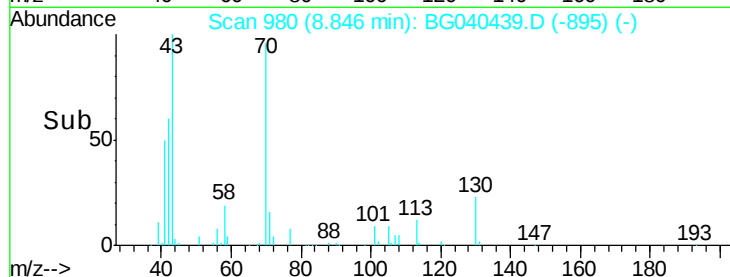
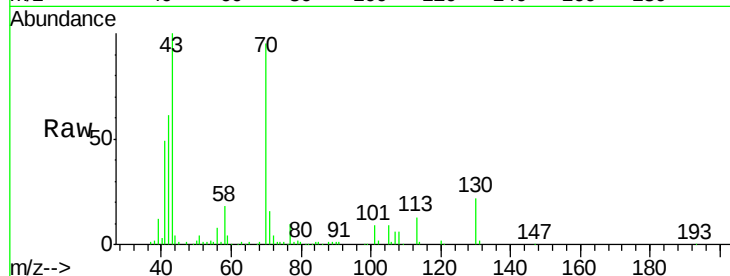
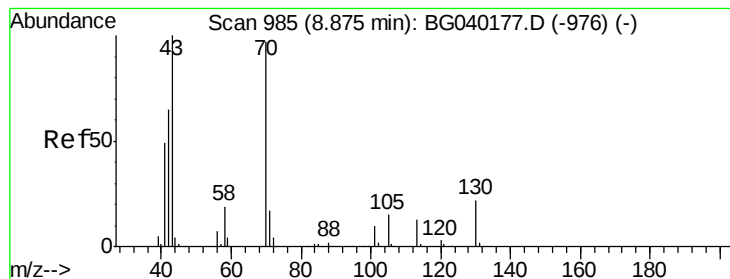


#18
Hexachloroethane
Concen: 37.729 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.03 min
Lab File: BG040439.D
Acq: 11 Apr 2019 13:28

Tgt Ion:	117	Resp:	59639
Ion Ratio	Lower	Upper	
117	100		
119	91.7	76.6	115.0
201	104.2	85.0	127.4

Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 37.861 ng

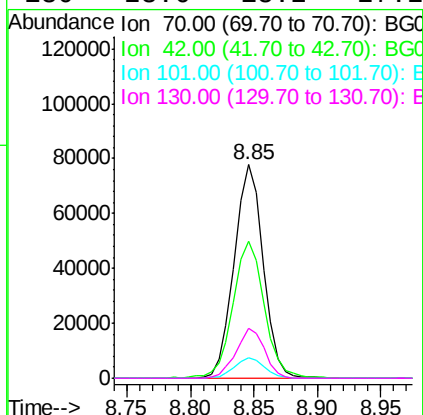
RT: 8.85 min Scan# 980

Delta R.T. -0.03 min

Lab File: BG040439.D

Acq: 11 Apr 2019 13:28

Tgt Ion	Ratio	Lower	Upper
70	100		
42	64.3	54.0	81.0
101	9.5	8.6	13.0
130	23.6	18.2	27.2



Instrument :

BNA_G

ClientSampleId :

PB118804BS

Manual Integrations
APPROVED

Sohil
4/15/2019 12:22:59 AM

#20

3+4-Methylphenols

Concen: 43.559 ng

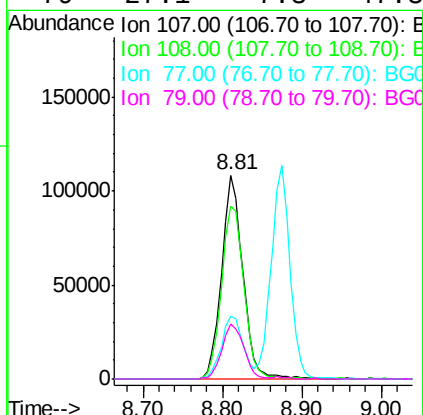
RT: 8.81 min Scan# 974

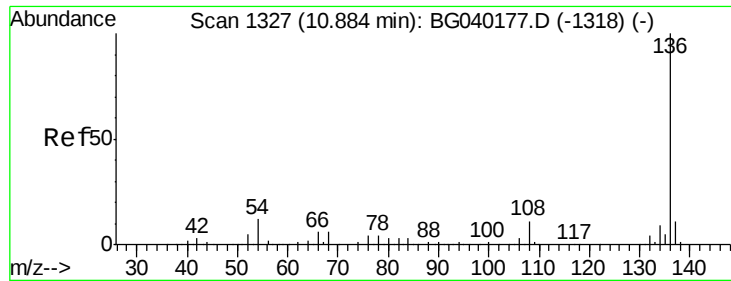
Delta R.T. -0.02 min

Lab File: BG040439.D

Acq: 11 Apr 2019 13:28

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.0	68.3	108.3
77	30.7	11.3	51.3
79	27.1	7.3	47.3





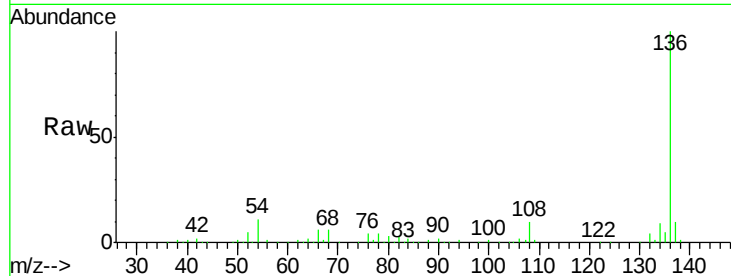
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.03 min
Lab File: BG040439.D
Acq: 11 Apr 2019 13:28

Instrument :
BNA_G
ClientSampleId :
PB118804BS

Tgt	Ion	Ratio	Resp	Lower	Upper
136	100		237685		
137	10.1		8.9	13.3	
54	10.5		9.6	14.4	
68	6.5		5.1	7.7	

Manual Integrations
APPROVED

Sohil
4/15/2019 12:22:59 AM



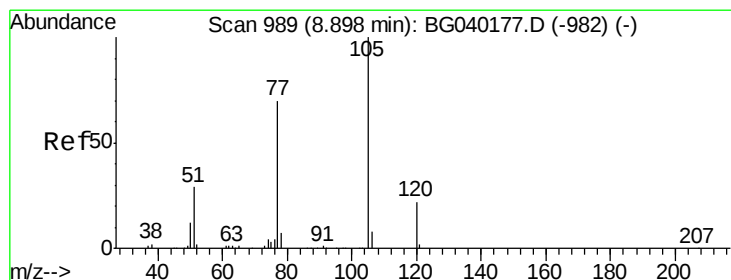
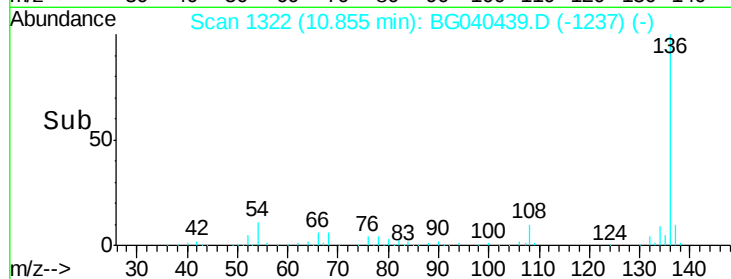
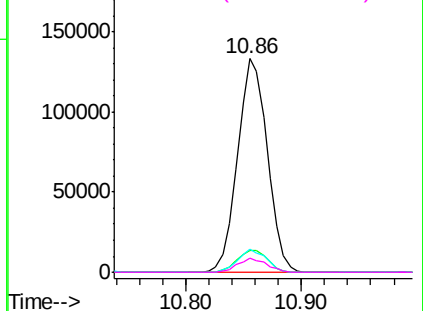
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 40.822 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG040439.D
Acq: 11 Apr 2019 13:28

Tgt	Ion	Ratio	Resp	Lower	Upper
105	100		242032		
71	0.5		0.6	1.0#	
51	30.5		25.1	37.7	
120	23.4		17.6	26.4	

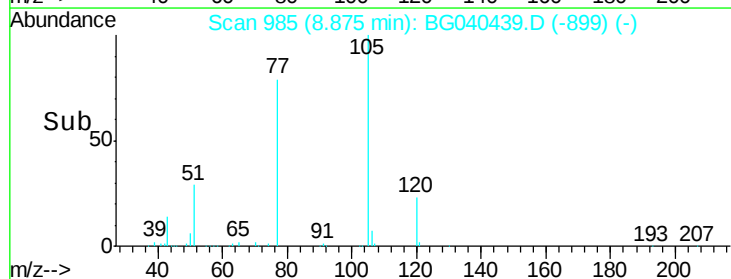
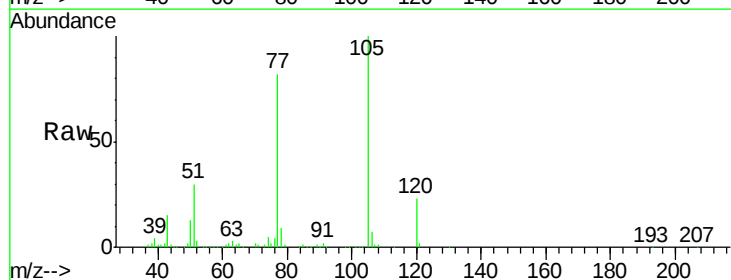
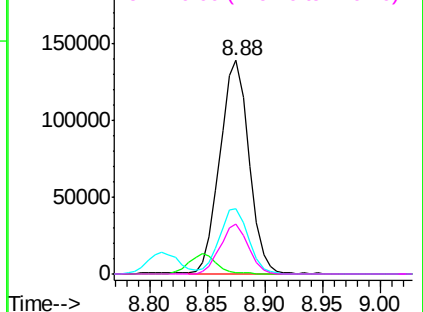
Abundance

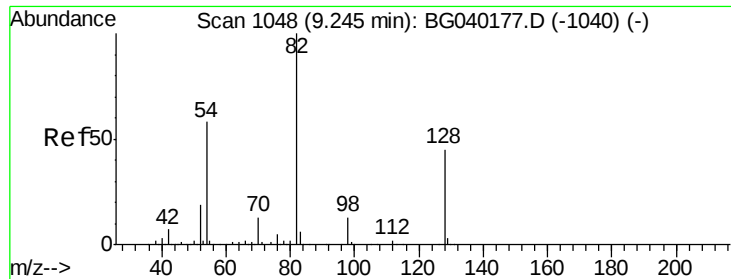
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





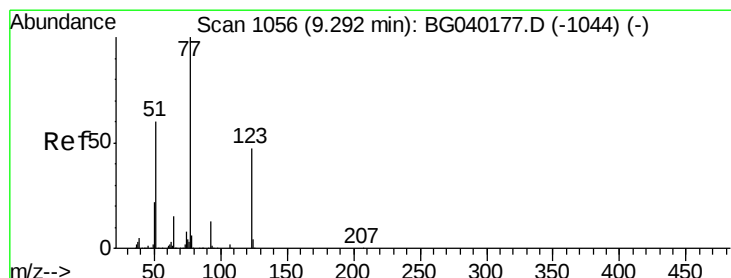
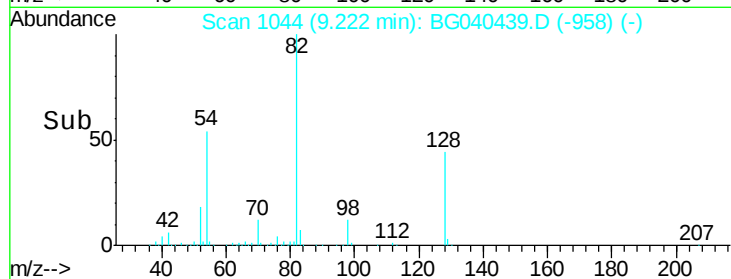
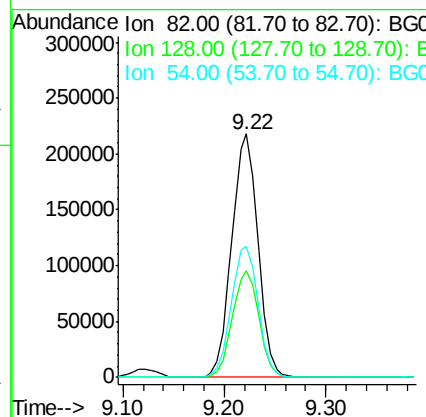
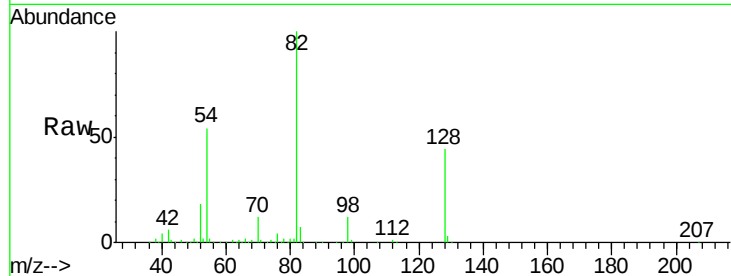
#23
 Nitrobenzene-d5
 Concen: 87.436 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG040439.D
 Acq: 11 Apr 2019 13:28

Instrument :
 BNA_G
 ClientSampleId :
 PB118804BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	390986		
128	43.8	35.8	53.8	
54	54.0	46.2	69.2	

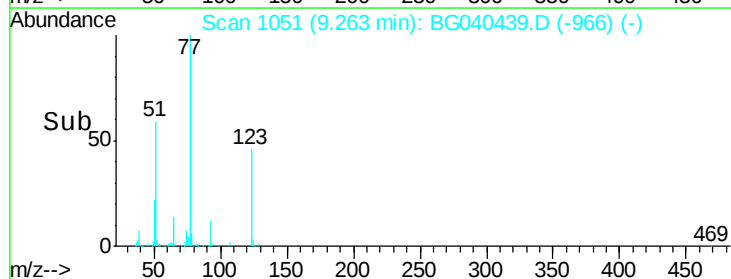
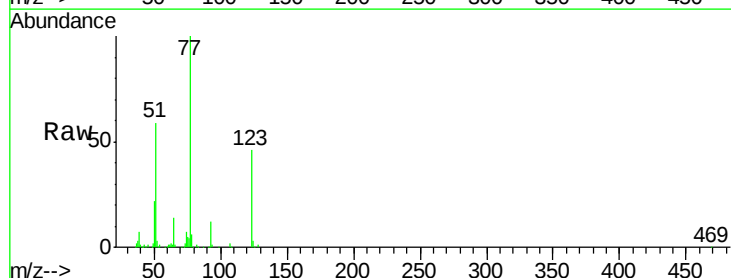
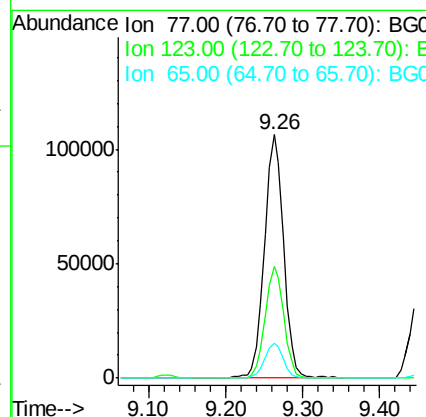
Manual Integrations
 APPROVED

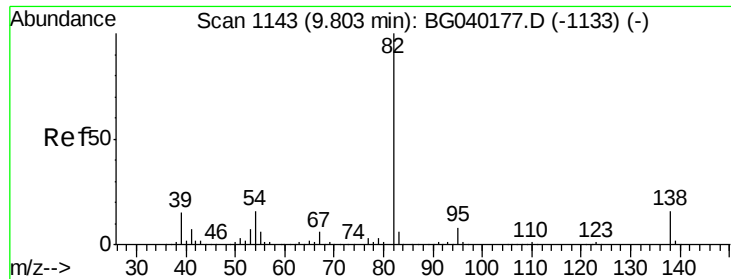
Sohil
 4/15/2019 12:22:59 AM



#24
 Nitrobenzene
 Concen: 40.168 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. -0.03 min
 Lab File: BG040439.D
 Acq: 11 Apr 2019 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	186001		
123	45.8	37.8	56.6	
65	14.5	12.0	18.0	





#25

Isophorone

Concen: 39.298 ng

RT: 9.77 min Scan# 1138

Delta R.T. -0.03 min

Lab File: BG040439.D

Acq: 11 Apr 2019 13:28

Instrument :

BNA_G

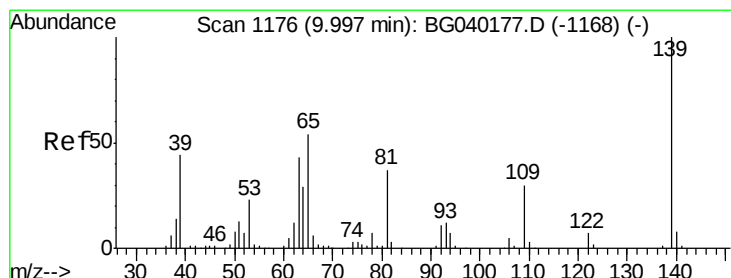
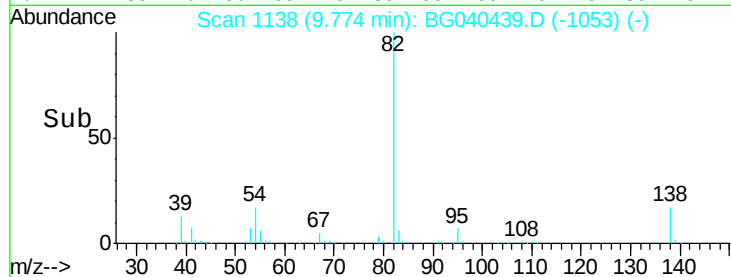
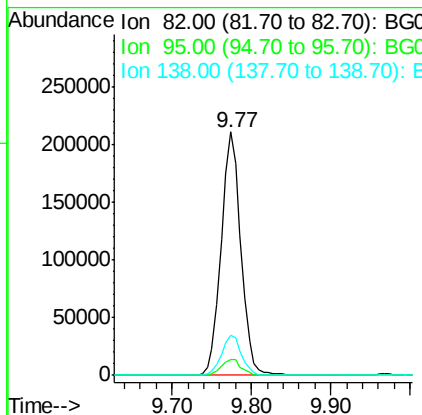
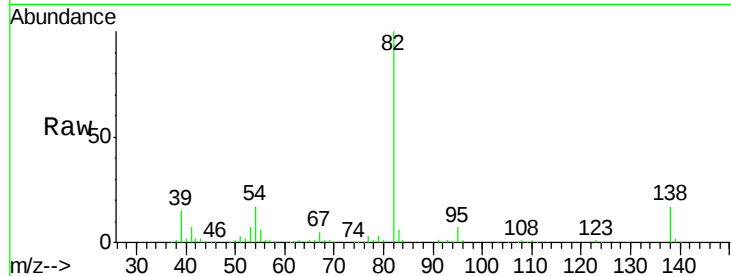
ClientSampleId :

PB118804BS

Tgt Ion:	82	Resp:	361572
Ion Ratio	Lower	Upper	
82	100		
95	6.6	6.1	9.1
138	16.5	13.2	19.8

Manual Integrations
APPROVED

Sohil
4/15/2019 12:22:59 AM



#26

2-Nitrophenol

Concen: 41.413 ng

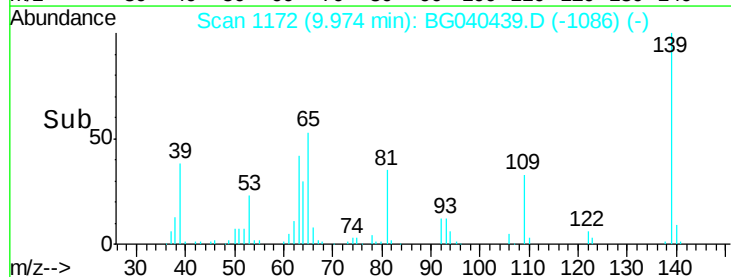
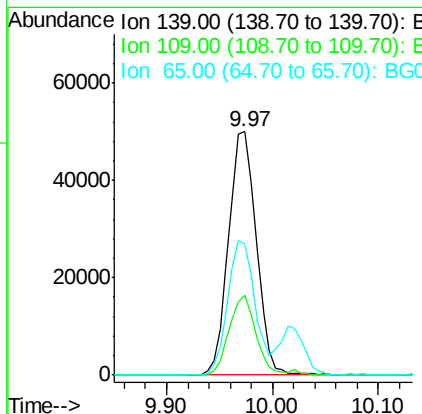
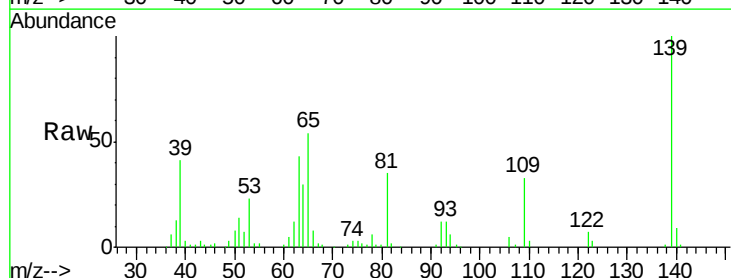
RT: 9.97 min Scan# 1172

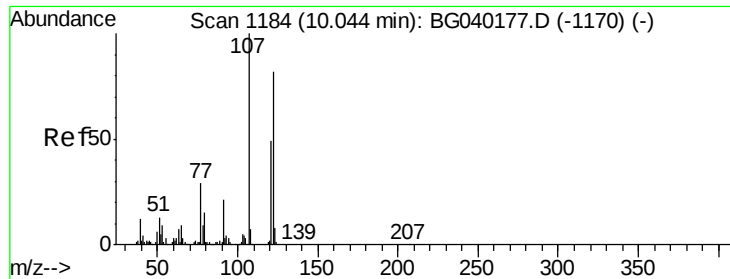
Delta R.T. -0.02 min

Lab File: BG040439.D

Acq: 11 Apr 2019 13:28

Tgt Ion:	139	Resp:	90865
Ion Ratio	Lower	Upper	
139	100		
109	32.6	24.1	36.1
65	53.8	43.0	64.6





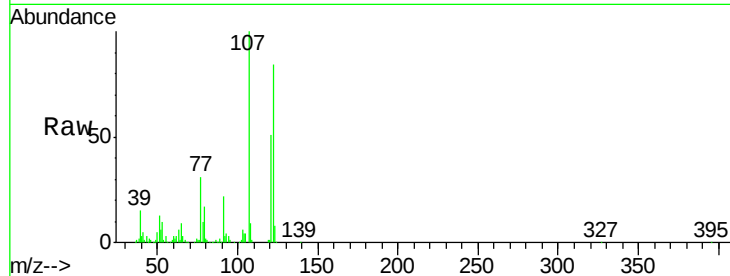
#27
2,4-Dimethylphenol
Concen: 48.140 ng
RT: 10.01 min Scan# 1179
Delta R.T. -0.03 min
Lab File: BG040439.D
Acq: 11 Apr 2019 13:28

Instrument :
BNA_G
ClientSampled :
PB118804BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	167779		
107	118.4	97.4	146.2	
121	60.0	47.7	71.5	

Manual Integrations
APPROVED

Sohil
4/15/2019 12:22:59 AM

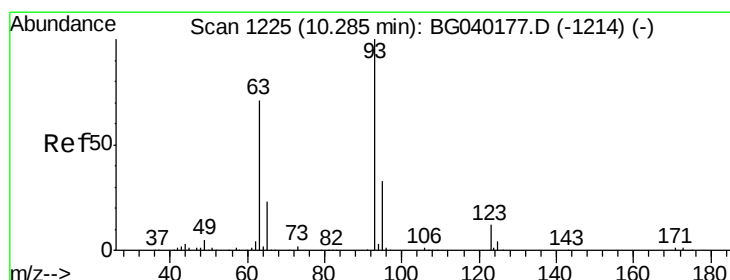
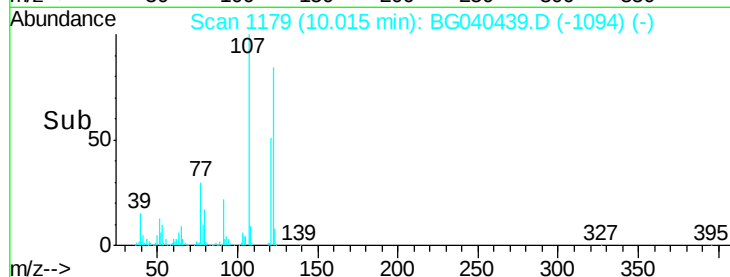
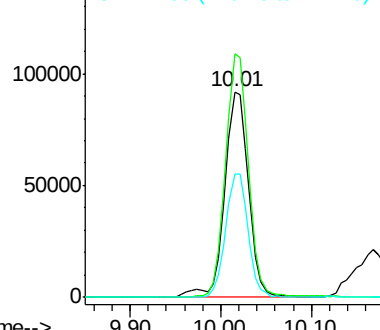


Abundance

Ion 122.00 (121.70 to 122.70): E

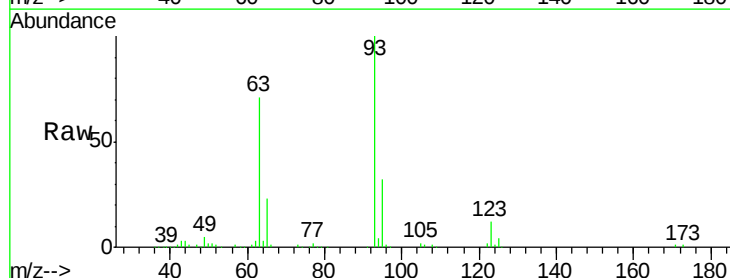
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 39.658 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.03 min
Lab File: BG040439.D
Acq: 11 Apr 2019 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	215876		
95	32.0	26.2	39.4	
123	11.9	9.4	14.0	

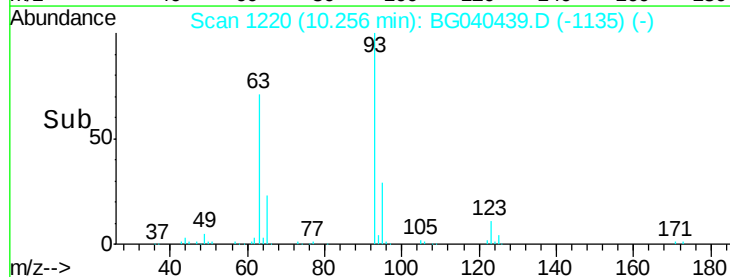
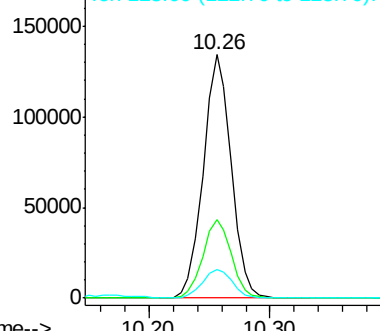


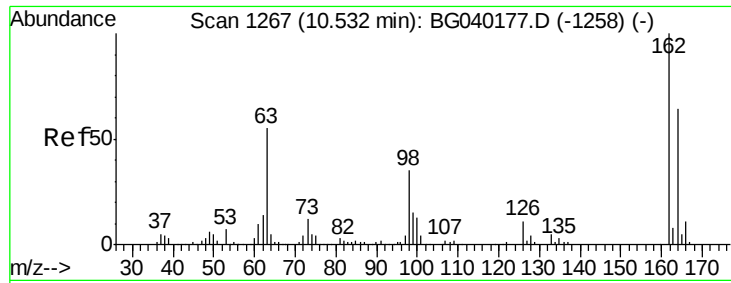
Abundance

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





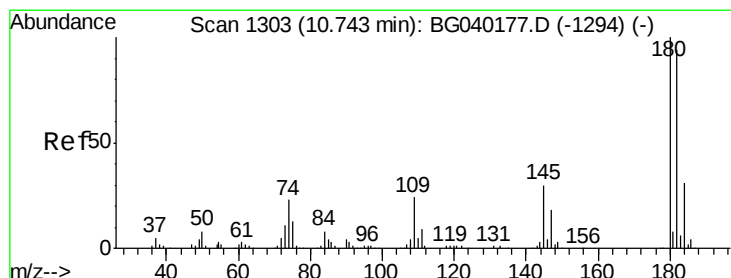
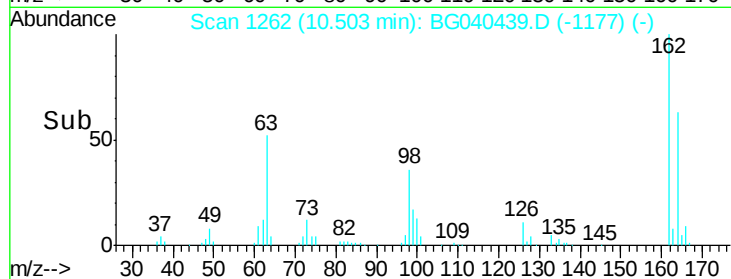
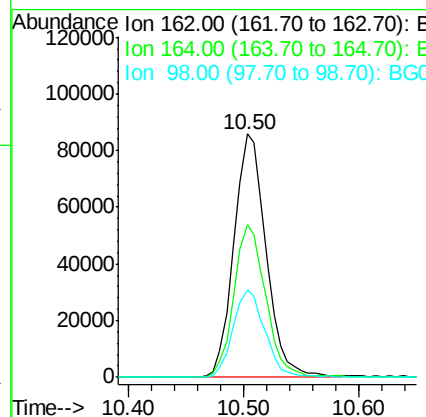
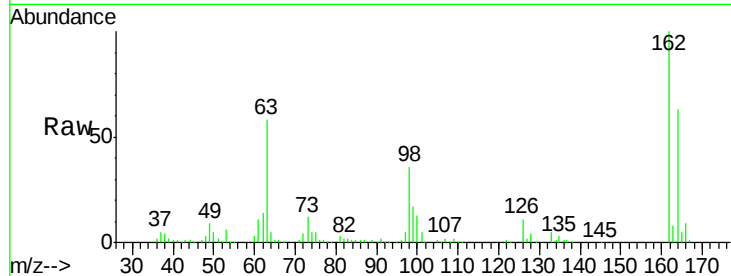
#29
 2,4-Dichlorophenol
 Concen: 43.919 ng
 RT: 10.50 min Scan# 1262
 Delta R.T. -0.03 min
 Lab File: BG040439.D
 Acq: 11 Apr 2019 13:28

Instrument :
 BNA_G
 ClientSampleId :
 PB118804BS

Tgt Ion:	162	Resp:	166144
Ion Ratio	Lower	Upper	
162	100		
164	62.7	43.9	83.9
98	35.8	15.6	55.6

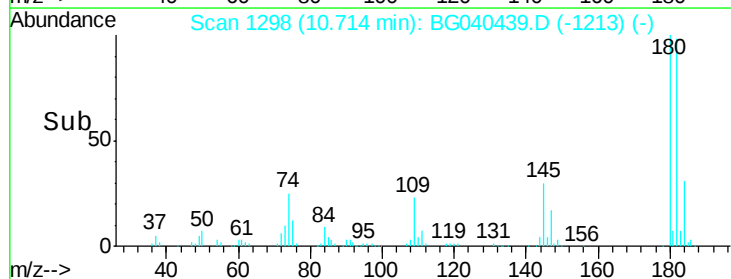
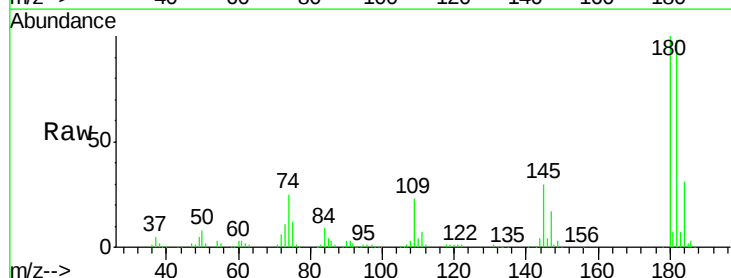
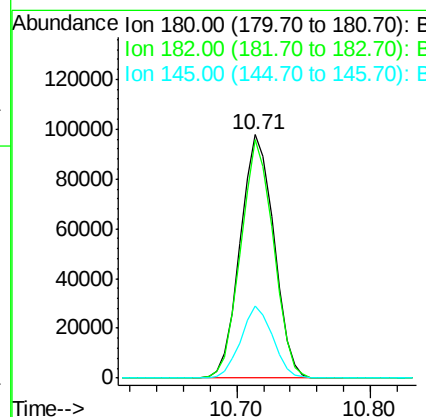
Manual Integrations
 APPROVED

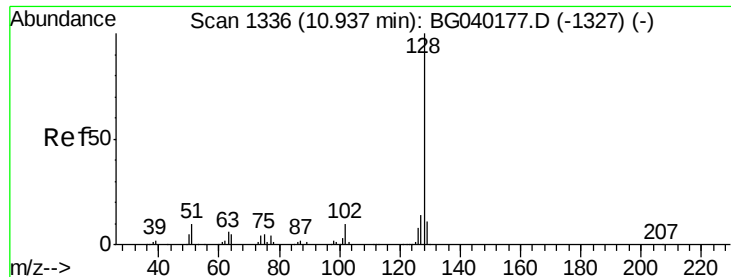
Sohil
 4/15/2019 12:22:59 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 41.006 ng
 RT: 10.71 min Scan# 1298
 Delta R.T. -0.03 min
 Lab File: BG040439.D
 Acq: 11 Apr 2019 13:28

Tgt Ion:	180	Resp:	170333
Ion Ratio	Lower	Upper	
180	100		
182	97.8	75.1	112.7
145	29.6	24.1	36.1





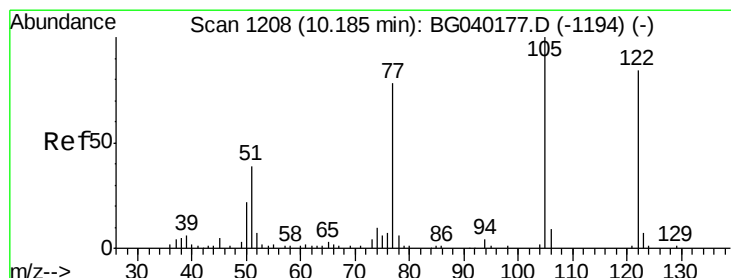
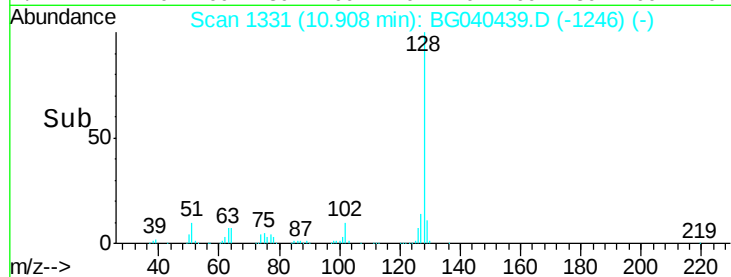
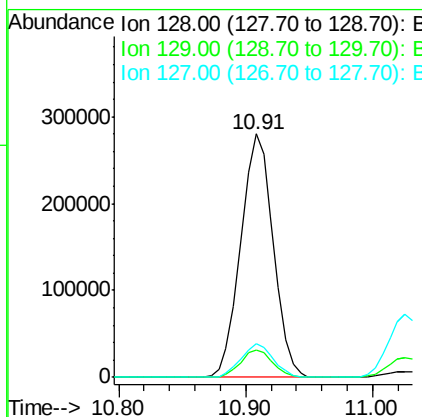
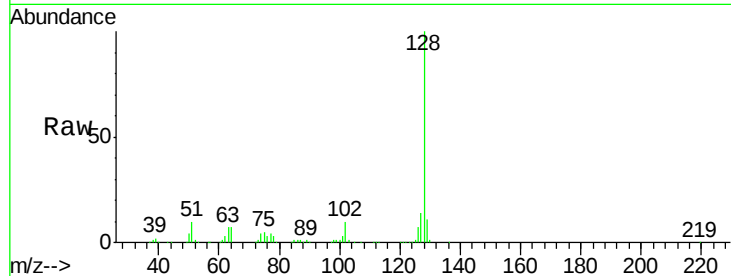
#31
Naphthalene
Concen: 40.844 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.03 min
Lab File: BG040439.D
Acq: 11 Apr 2019 13:28

Instrument :
BNA_G
ClientSampleId :
PB118804BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	497600		
129	11.3	8.9	13.3	
127	14.0	11.4	17.0	

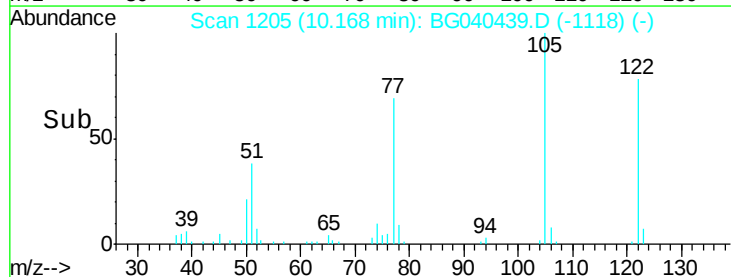
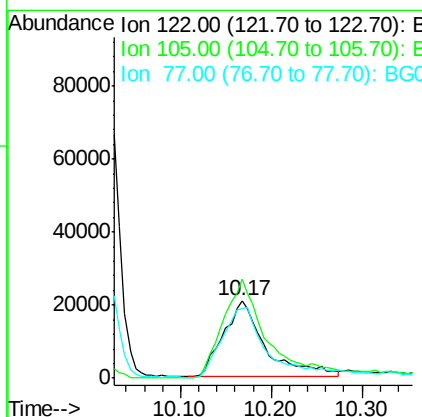
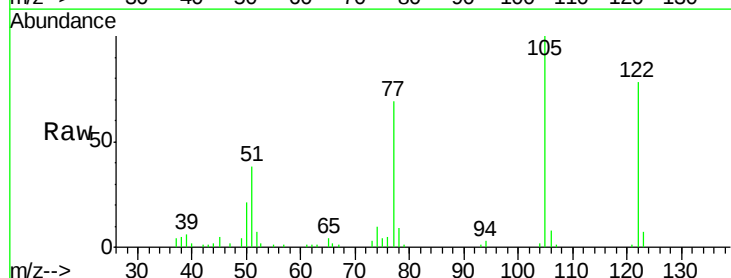
Manual Integrations
APPROVED

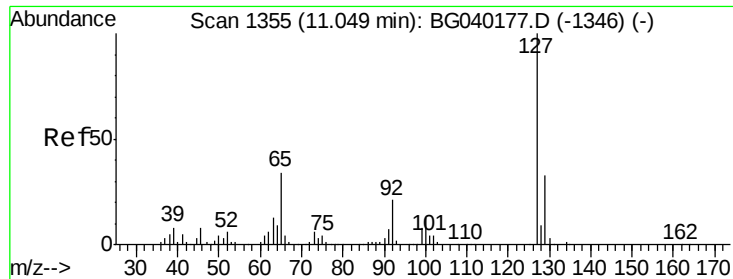
Sohil
4/15/2019 12:22:59 AM



#32
Benzoic acid
Concen: 31.814 ng
RT: 10.17 min Scan# 1205
Delta R.T. -0.02 min
Lab File: BG040439.D
Acq: 11 Apr 2019 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	66993		
105	128.3	98.2	138.2	
77	89.0	73.6	113.6	





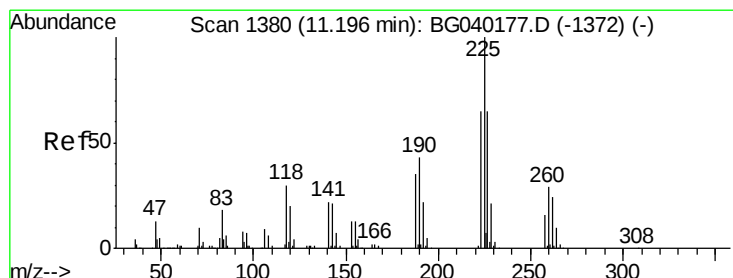
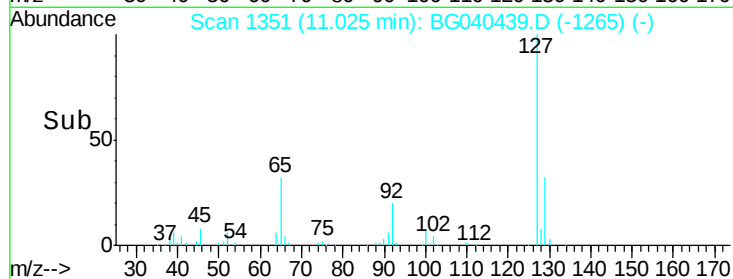
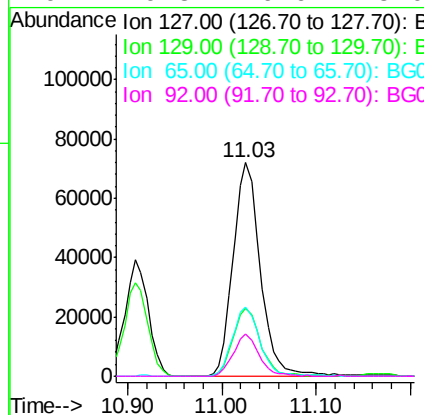
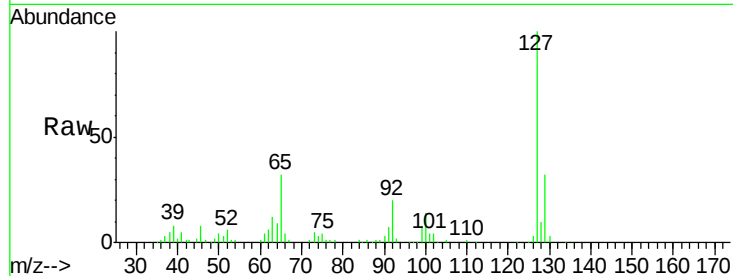
#33
4-Chloroaniline
Concen: 27.961 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG040439.D
Acq: 11 Apr 2019 13:28

Instrument :
BNA_G
ClientSampleId :
PB118804BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	145305		
129	31.6	26.6	40.0	
65	32.3	27.0	40.4	
92	19.8	16.6	25.0	

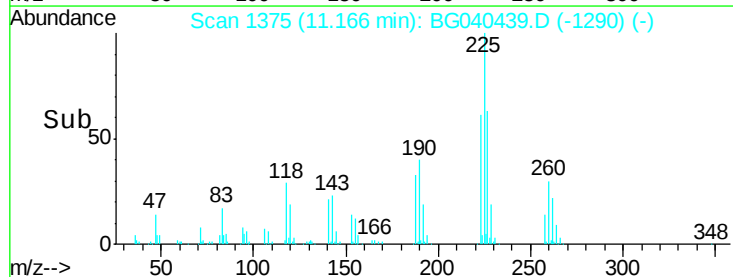
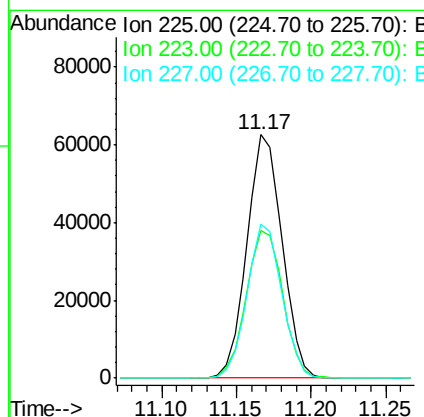
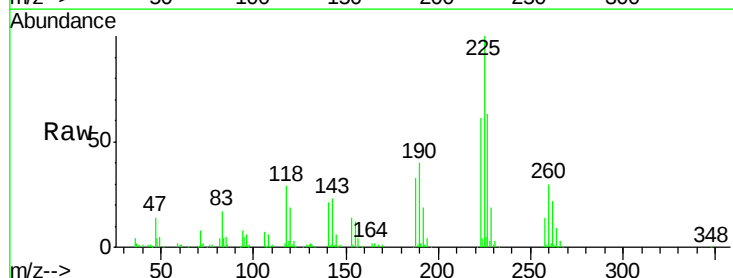
Manual Integrations
APPROVED

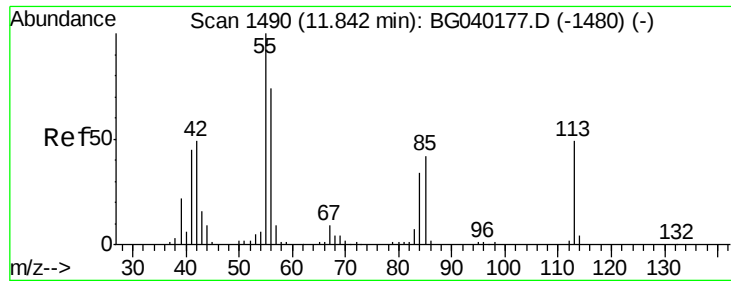
Sohil
4/15/2019 12:22:59 AM



#34
Hexachlorobutadiene
Concen: 38.380 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.03 min
Lab File: BG040439.D
Acq: 11 Apr 2019 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	101959		
223	60.5	51.8	77.8	
227	63.3	54.9	82.3	





#35

Caprolactam

Concen: 42.951 ng m

RT: 11.81 min Scan# 1485

Delta R.T. -0.03 min

Lab File: BG040439.D

Acq: 11 Apr 2019 13:28

Instrument :

BNA_G

ClientSampleId :

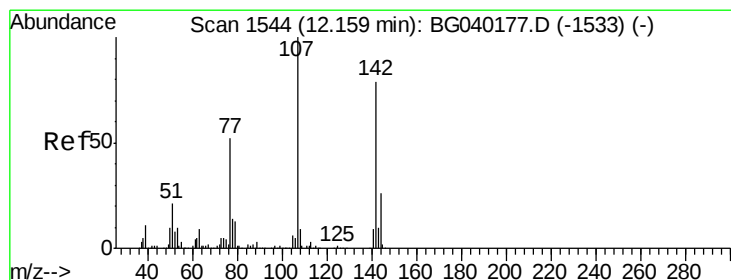
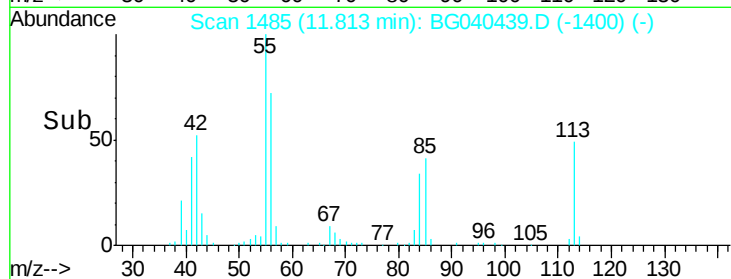
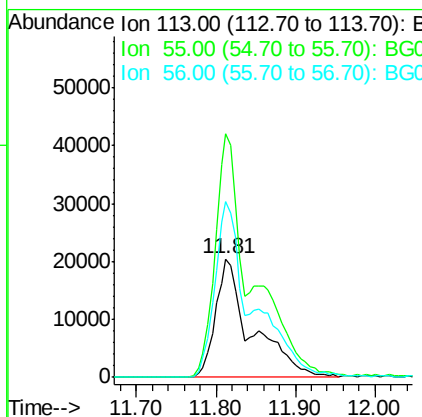
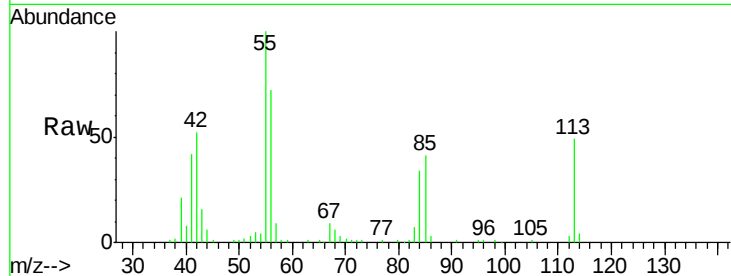
PB118804BS

Tgt Ion:113 Resp: 64480

Ion	Ratio	Lower	Upper
113	100		
55	206.0	184.2	224.2
56	149.2	131.3	171.3

Manual Integrations
APPROVED

Sohil
4/15/2019 12:22:59 AM



#36

4-Chloro-3-methylphenol

Concen: 43.818 ng

RT: 12.14 min Scan# 1540

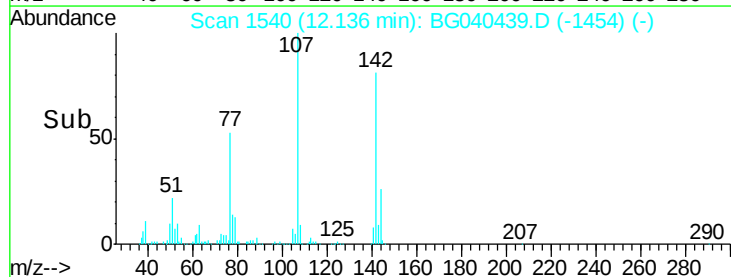
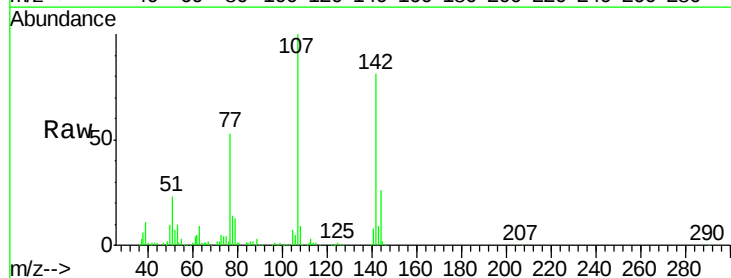
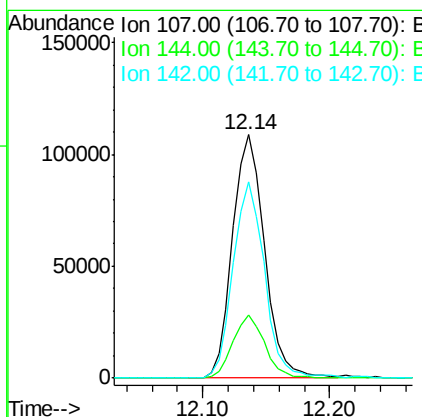
Delta R.T. -0.02 min

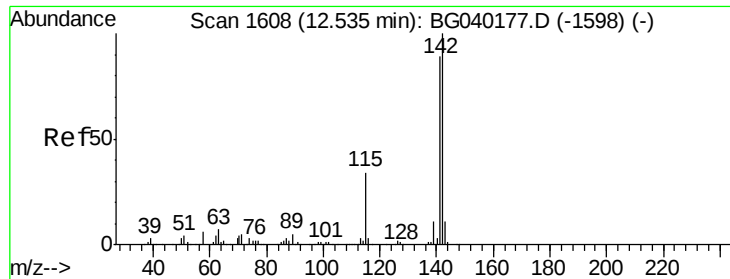
Lab File: BG040439.D

Acq: 11 Apr 2019 13:28

Tgt Ion:107 Resp: 190567

Ion	Ratio	Lower	Upper
107	100		
144	25.7	20.5	30.7
142	80.8	63.1	94.7





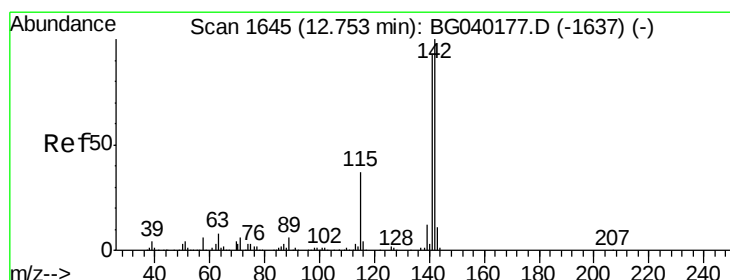
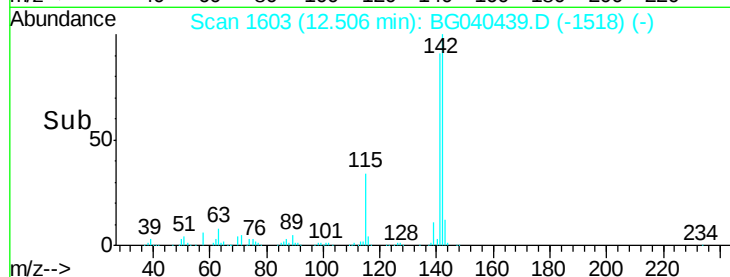
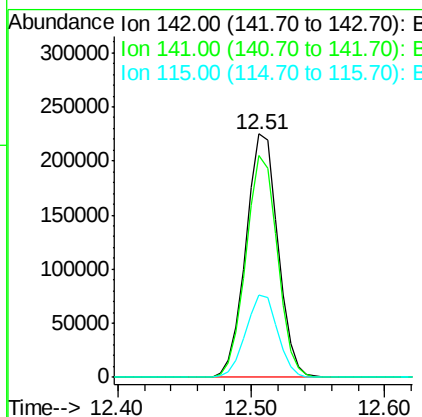
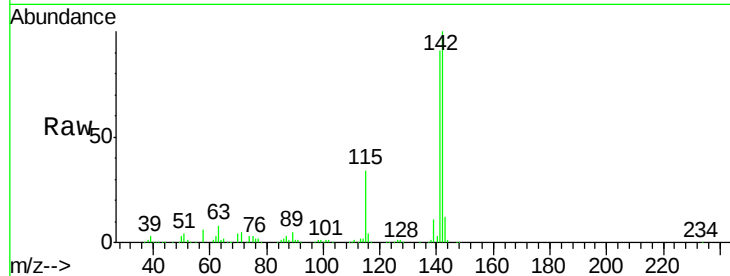
#37
2-Methylnaphthalene
Concen: 41.314 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.03 min
Lab File: BG040439.D
Acq: 11 Apr 2019 13:28

Instrument :
BNA_G
ClientSampleId :
PB118804BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.0	106.6
115	33.9	27.3	40.9

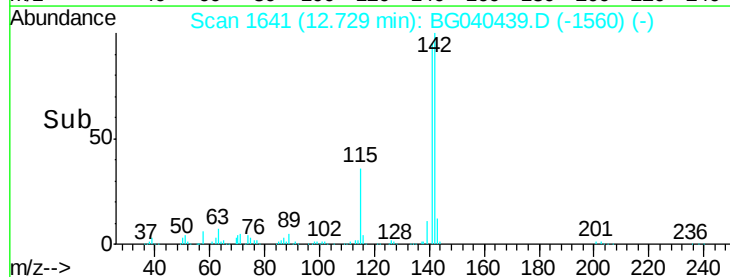
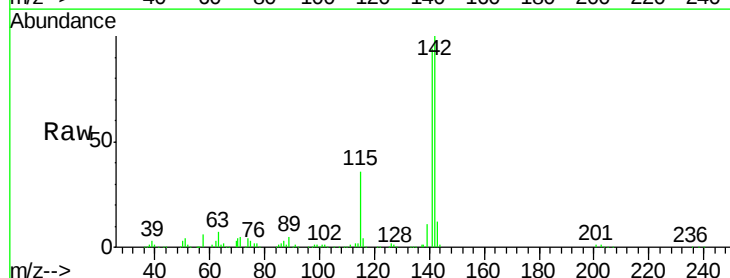
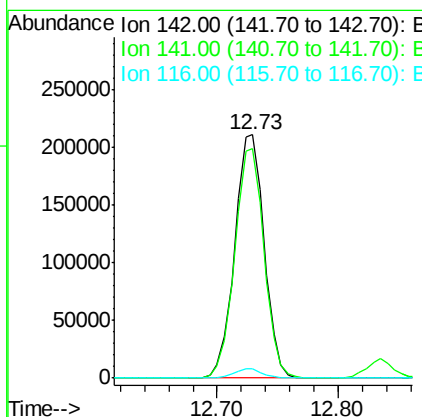
Manual Integrations
APPROVED

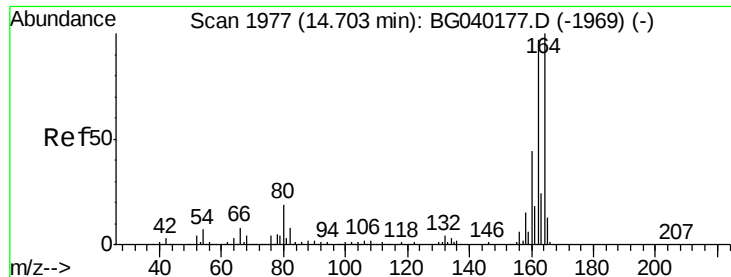
Sohil
4/15/2019 12:22:59 AM



#38
1-Methylnaphthalene
Concen: 41.107 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.02 min
Lab File: BG040439.D
Acq: 11 Apr 2019 13:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.4	74.2	111.4
116	4.0	3.0	4.4





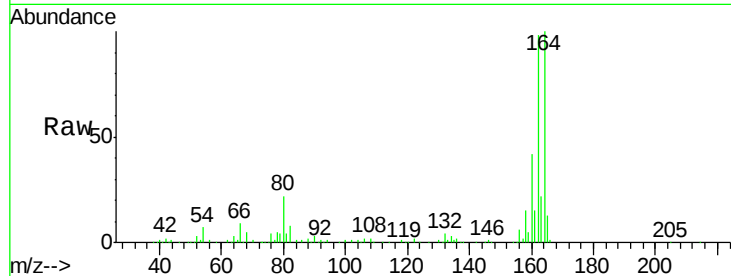
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.03 min
Lab File: BG040439.D
Acq: 11 Apr 2019 13:28

Instrument :
BNA_G
ClientSampled :
PB118804BS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	153225		
162	98.1	77.4	116.2	
160	41.9	35.3	52.9	

Manual Integrations
APPROVED

Sohil
4/15/2019 12:22:59 AM

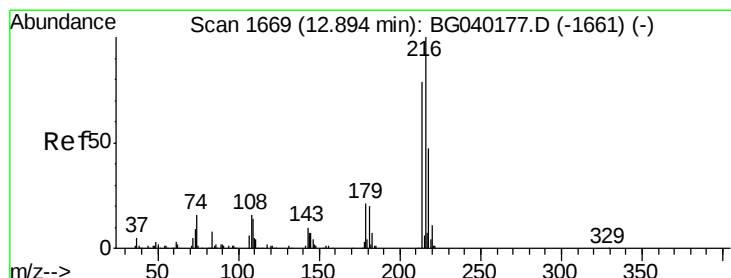
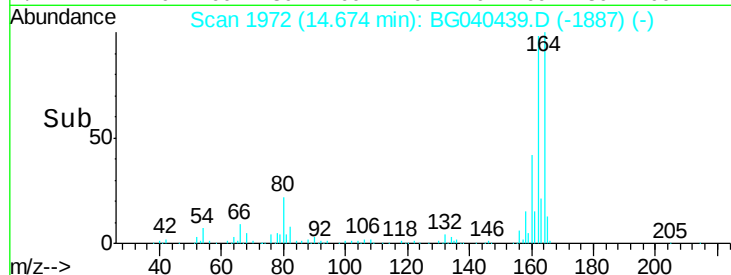
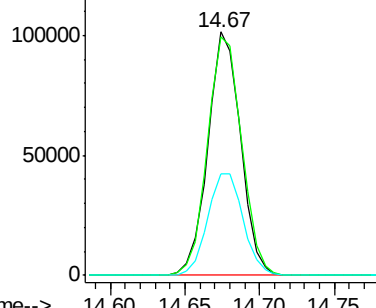


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.090 ng
RT: 12.87 min Scan# 1665
Delta R.T. -0.02 min
Lab File: BG040439.D
Acq: 11 Apr 2019 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	190367		
214	78.7	63.5	95.3	
179	20.6	16.6	25.0	
108	19.4	13.8	20.8	

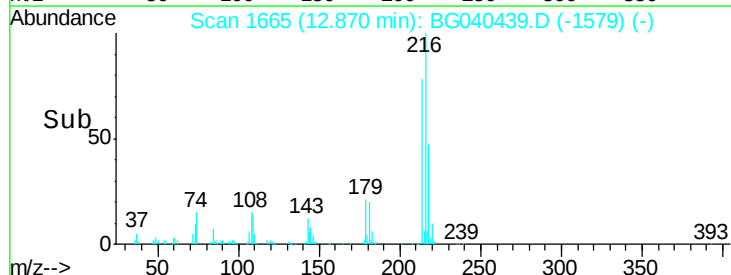
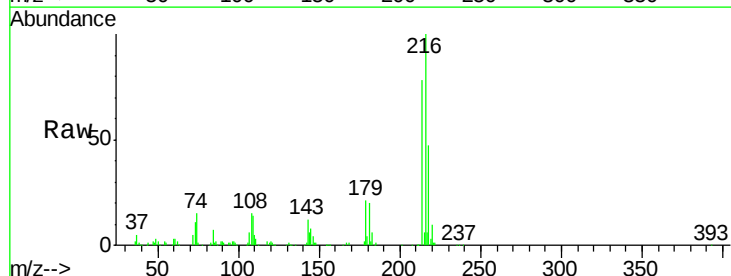
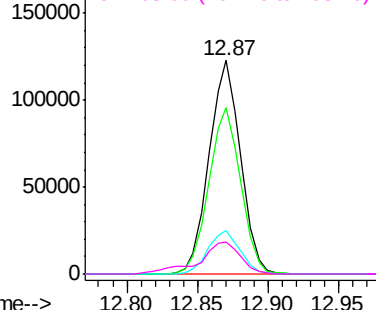
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 79.848 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.02 min

Lab File: BG040439.D

Acq: 11 Apr 2019 13:28

Instrument :

BNA_G

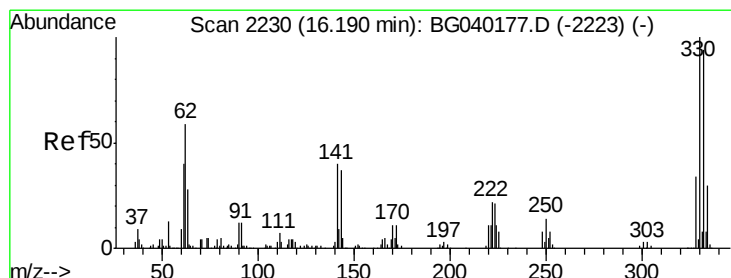
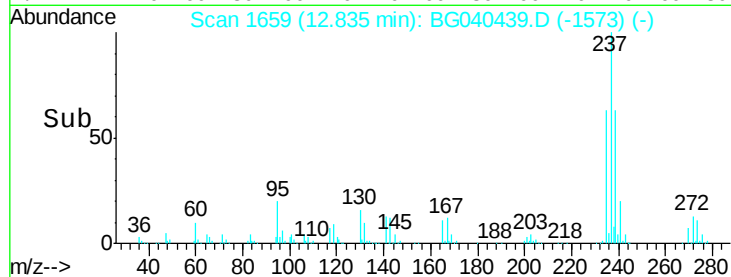
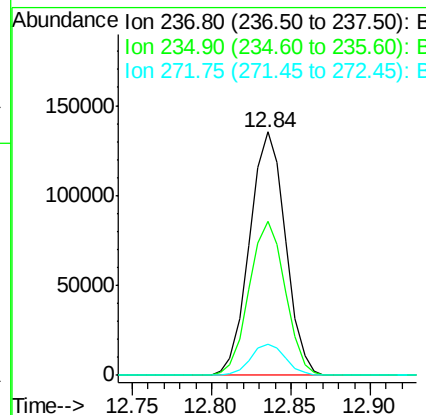
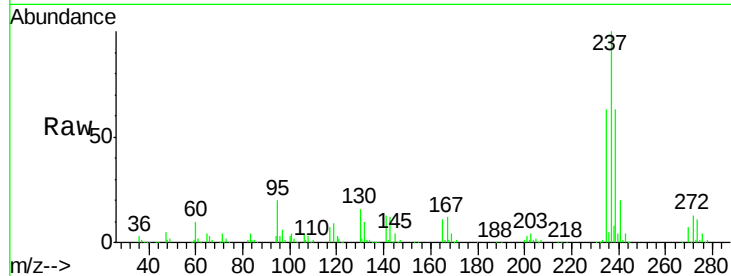
ClientSampleId :

PB118804BS

Tgt Ion:	237	Resp:	213513
Ion Ratio	Lower	Upper	
237	100		
235	63.0	46.2	86.2
272	12.8	0.0	30.5

Manual Integrations
APPROVED

Sohil
4/15/2019 12:22:59 AM



#42

2,4,6-Tribromophenol

Concen: 159.042 ng

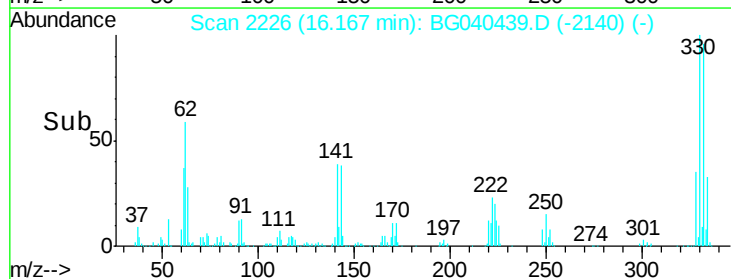
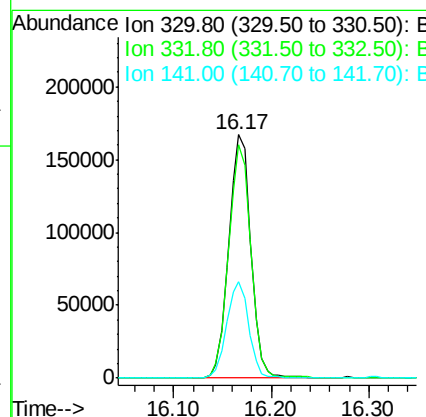
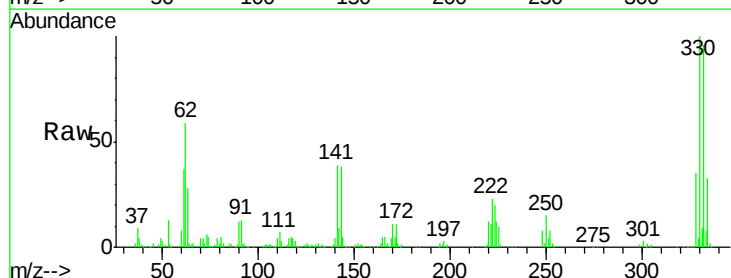
RT: 16.17 min Scan# 2226

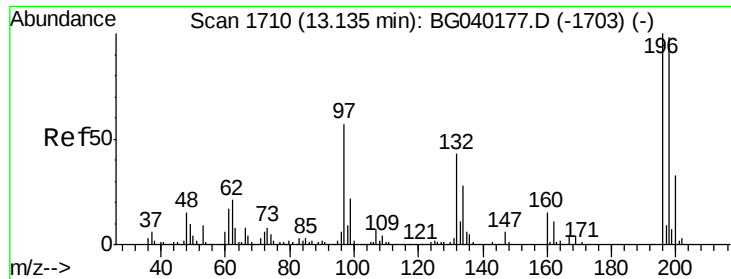
Delta R.T. -0.02 min

Lab File: BG040439.D

Acq: 11 Apr 2019 13:28

Tgt Ion:	330	Resp:	263367
Ion Ratio	Lower	Upper	
330	100		
332	96.4	76.6	115.0
141	39.4	32.6	48.8





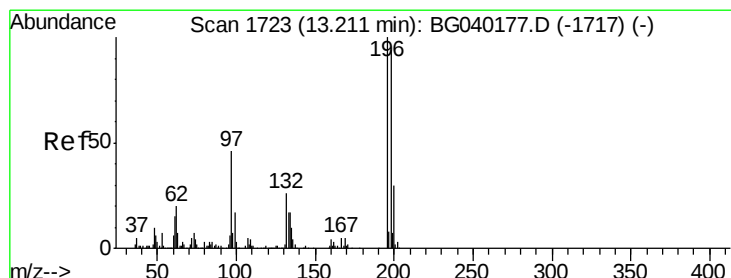
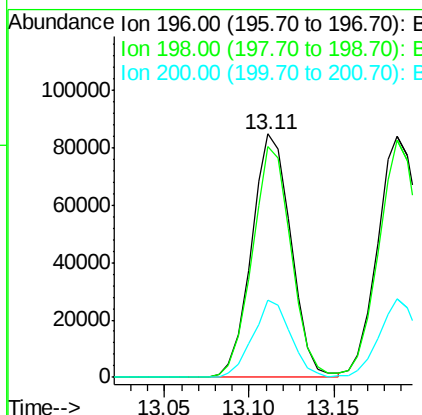
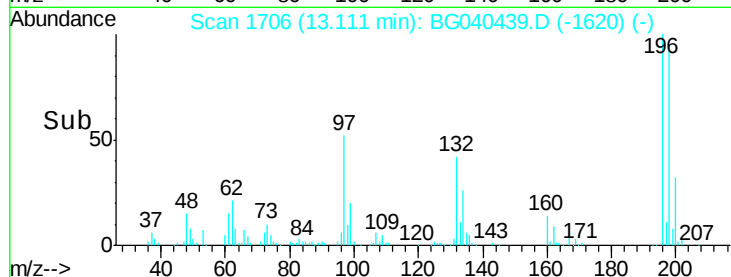
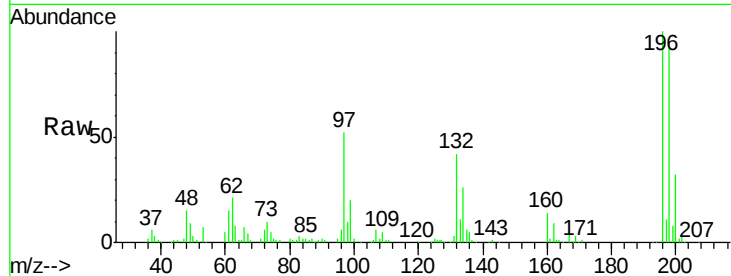
#43
 2,4,6-Trichlorophenol
 Concen: 43.886 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG040439.D
 Acq: 11 Apr 2019 13:28

Instrument :
 BNA_G
 ClientSampleId :
 PB118804BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	137795		
198	95.0	78.3	117.5	
200	31.6	26.0	39.0	

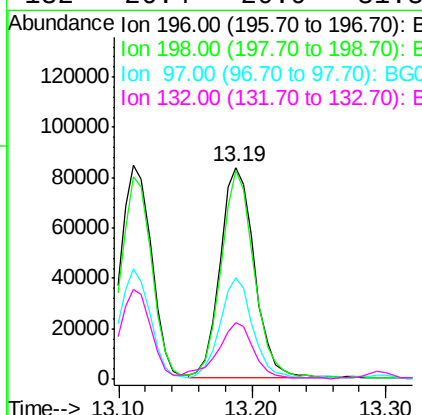
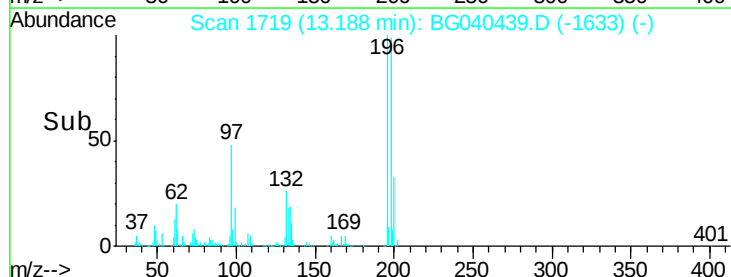
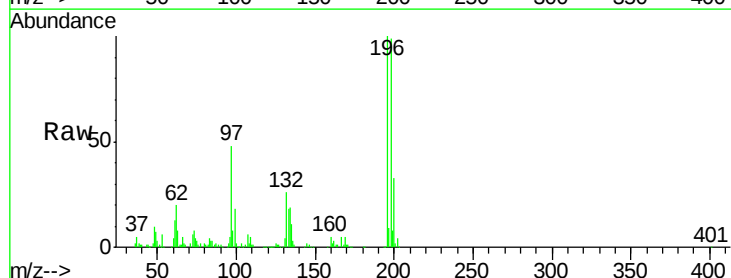
Manual Integrations
 APPROVED

Sohil
 4/15/2019 12:22:59 AM



#44
 2,4,5-Trichlorophenol
 Concen: 43.898 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG040439.D
 Acq: 11 Apr 2019 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	150236		
198	98.8	75.0	112.6	
97	48.1	37.3	55.9	
132	26.4	20.9	31.3	





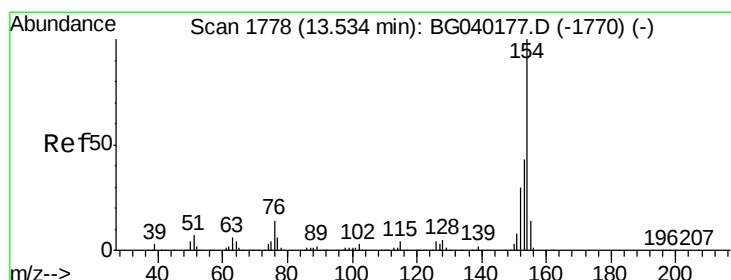
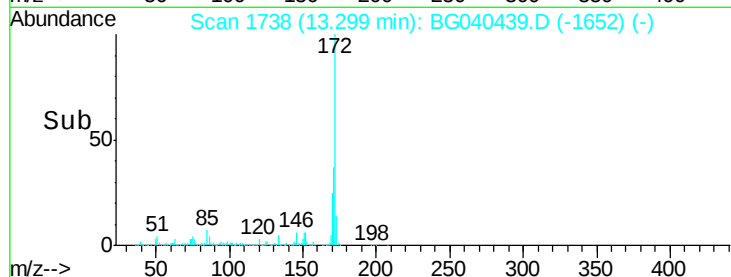
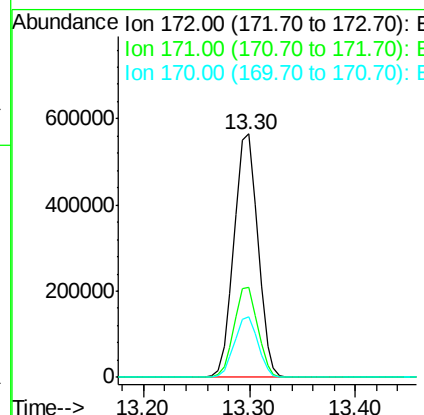
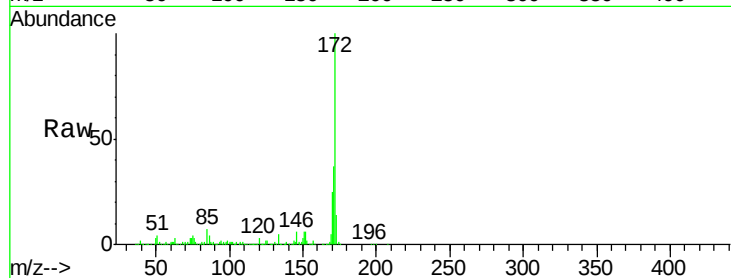
#45
2-Fluorobiphenyl
Concen: 85.158 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040439.D
Acq: 11 Apr 2019 13:28

Instrument :
BNA_G
ClientSampleId :
PB118804BS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.5	45.7
170	25.1	20.1	30.1

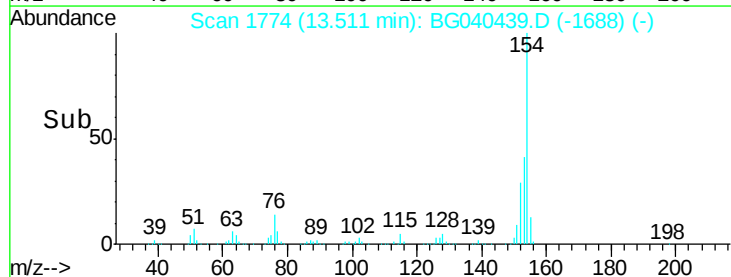
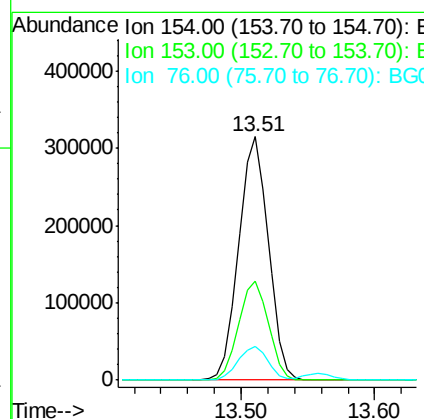
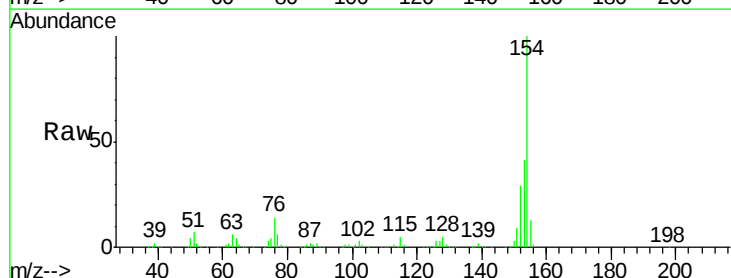
Manual Integrations
APPROVED

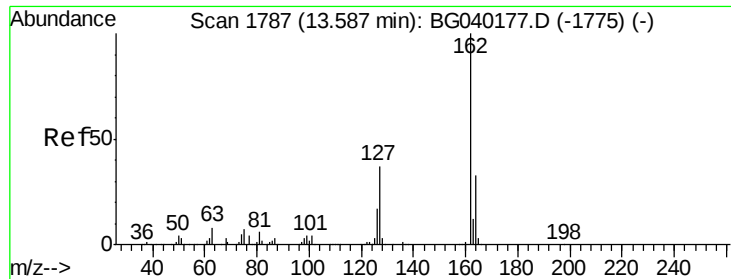
Sohil
4/15/2019 12:22:59 AM



#46
1,1'-Biphenyl
Concen: 39.999 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BG040439.D
Acq: 11 Apr 2019 13:28

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	22.5	62.5
76	13.9	0.0	33.7





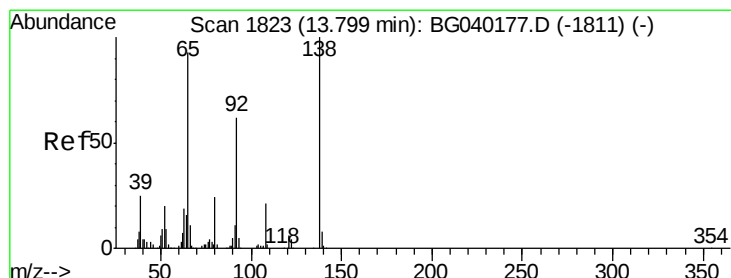
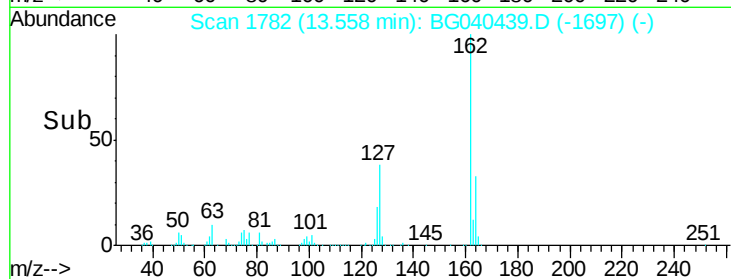
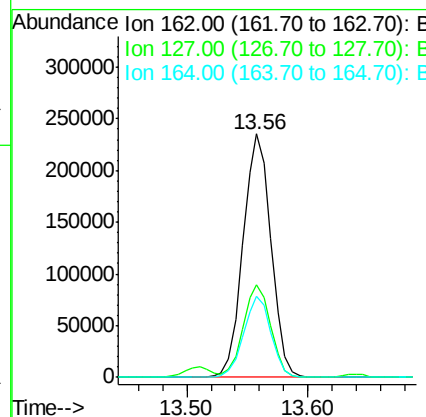
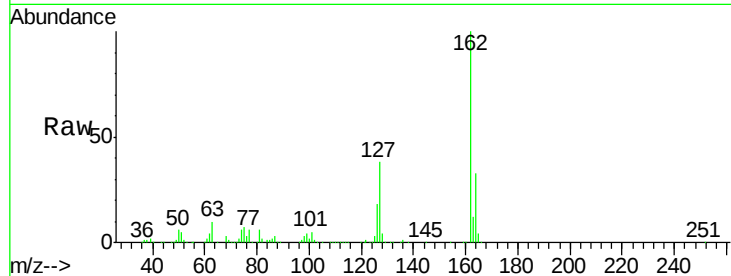
#47
 2-Chloronaphthalene
 Concen: 40.777 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. -0.03 min
 Lab File: BG040439.D
 Acq: 11 Apr 2019 13:28

Instrument :
 BNA_G
 ClientSampleId :
 PB118804BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	378684		
127	38.0	30.6	45.8	
164	33.2	26.2	39.4	

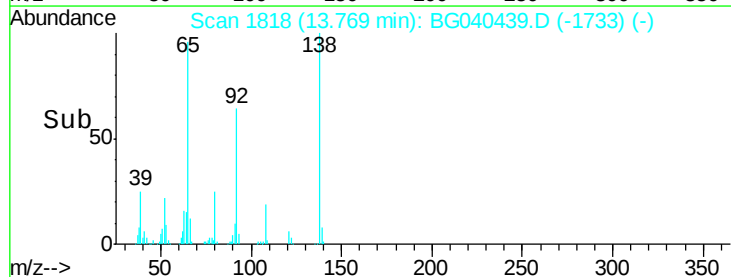
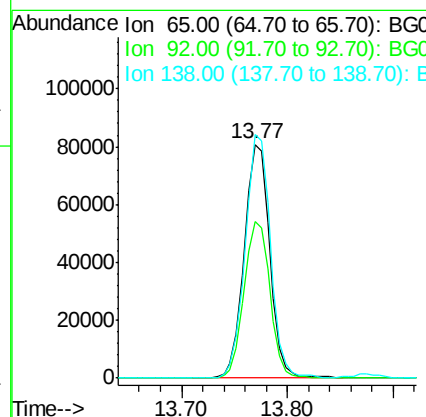
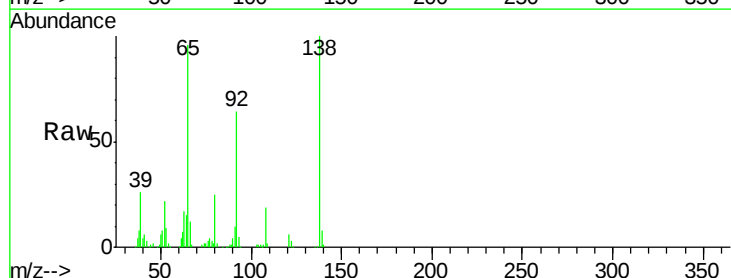
Manual Integrations
 APPROVED

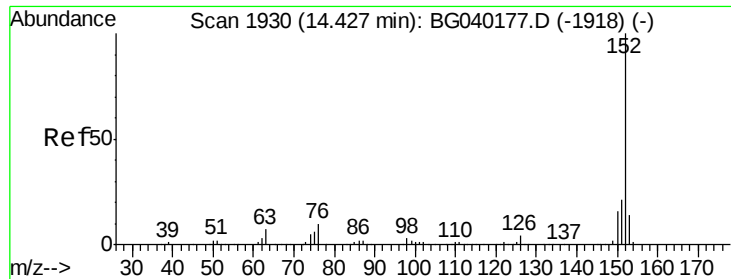
Sohil
 4/15/2019 12:22:59 AM



#48
 2-Nitroaniline
 Concen: 43.101 ng
 RT: 13.77 min Scan# 1818
 Delta R.T. -0.03 min
 Lab File: BG040439.D
 Acq: 11 Apr 2019 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	135012		
92	67.0	53.8	80.6	
138	104.2	86.3	129.5	





#49

Acenaphthylene

Concen: 39.549 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BG040439.D

Acq: 11 Apr 2019 13:28

Instrument :

BNA_G

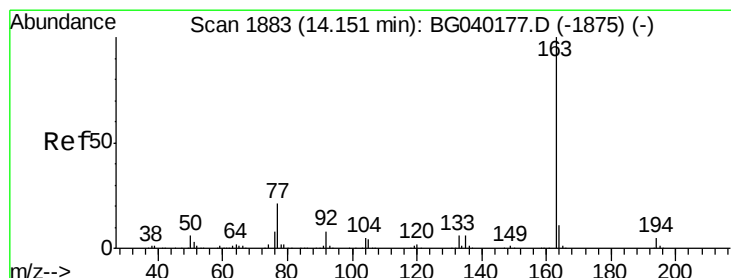
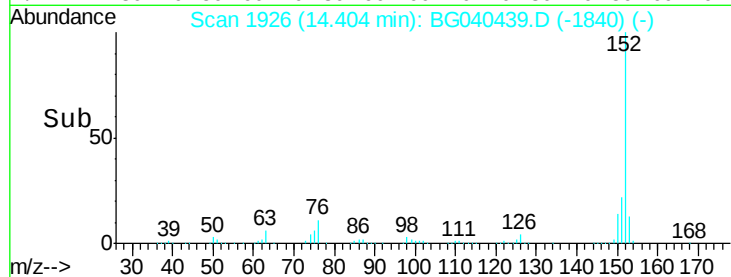
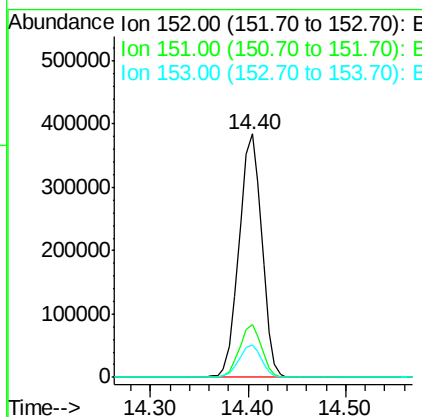
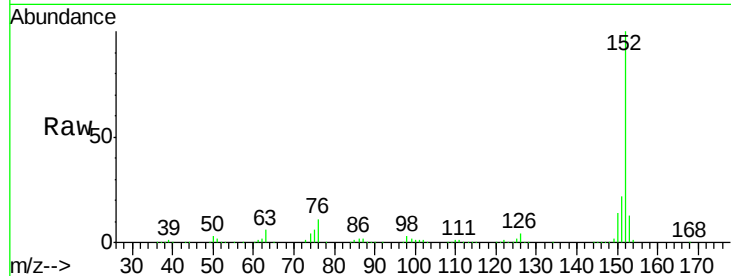
ClientSampleId :

PB118804BS

Tgt Ion:	152	Resp:	622718
Ion Ratio	Lower	Upper	
152	100		
151	21.5	17.0	25.6
153	13.4	10.8	16.2

Manual Integrations
APPROVED

Sohil
4/15/2019 12:22:59 AM



#50

Dimethylphthalate

Concen: 41.946 ng

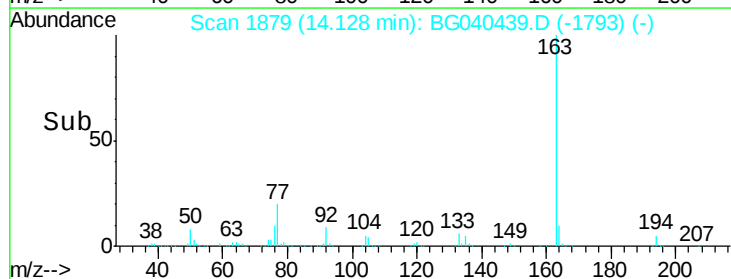
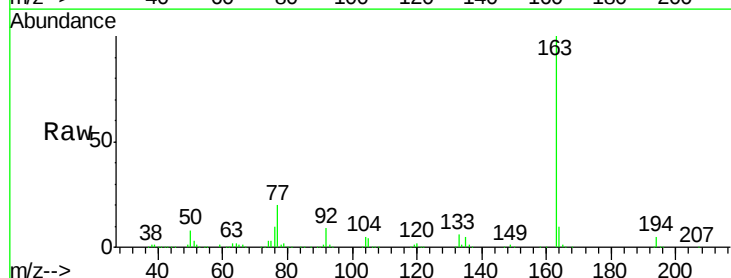
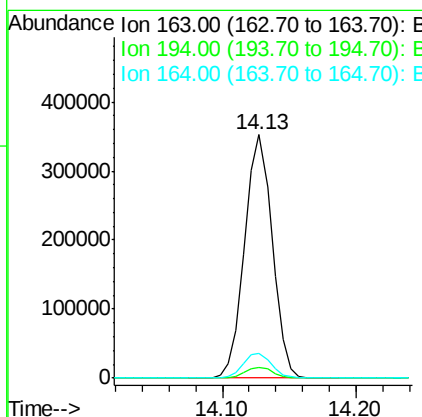
RT: 14.13 min Scan# 1879

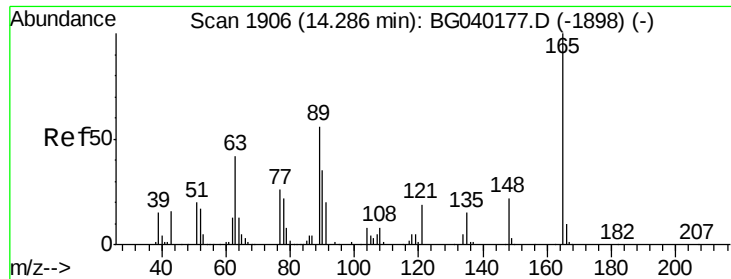
Delta R.T. -0.02 min

Lab File: BG040439.D

Acq: 11 Apr 2019 13:28

Tgt Ion:	163	Resp:	503015
Ion Ratio	Lower	Upper	
163	100		
194	4.6	4.1	6.1
164	10.3	8.6	13.0





#51

2,6-Dinitrotoluene

Concen: 43.597 ng

RT: 14.26 min Scan# 1902

Delta R.T. -0.02 min

Lab File: BG040439.D

Acq: 11 Apr 2019 13:28

Instrument :

BNA_G

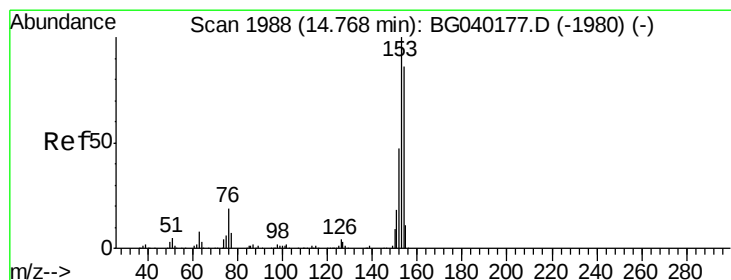
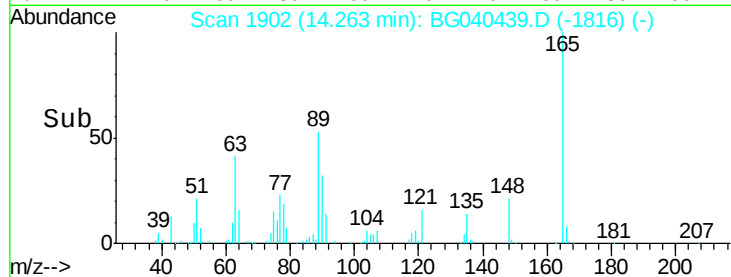
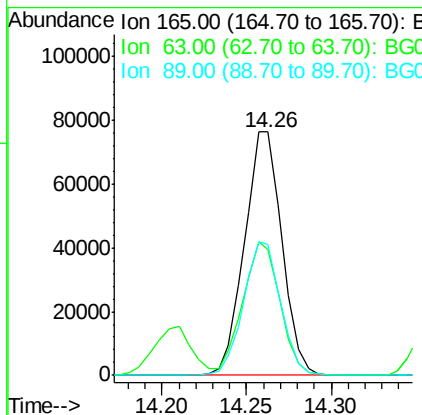
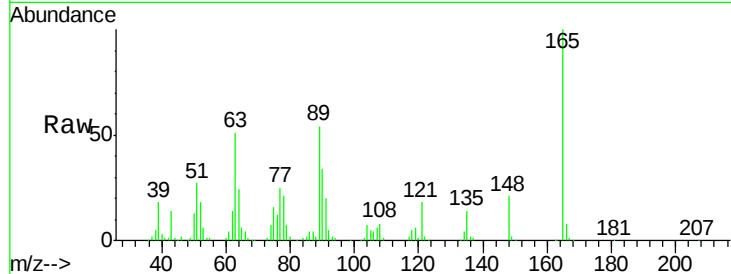
ClientSampled :

PB118804BS

Tgt Ion:	165	Resp:	117391
Ion Ratio		Lower	Upper
165	100		
63	51.5	44.1	66.1
89	53.9	44.9	67.3

Manual Integrations
APPROVED

Sohil
4/15/2019 12:22:59 AM



#52

Acenaphthene

Concen: 41.089 ng

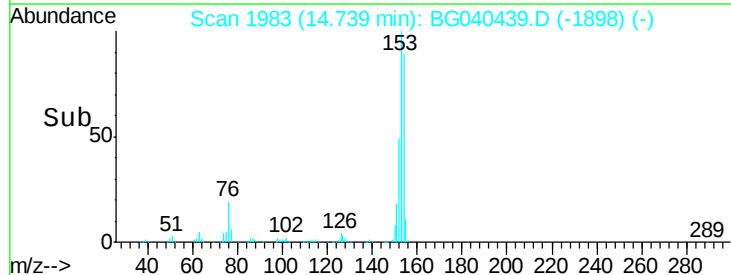
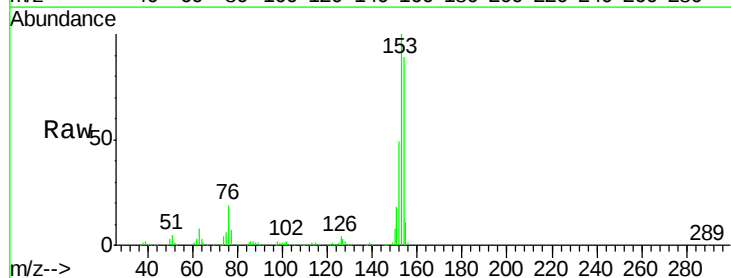
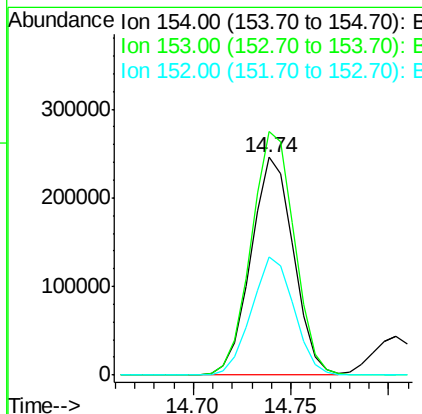
RT: 14.74 min Scan# 1983

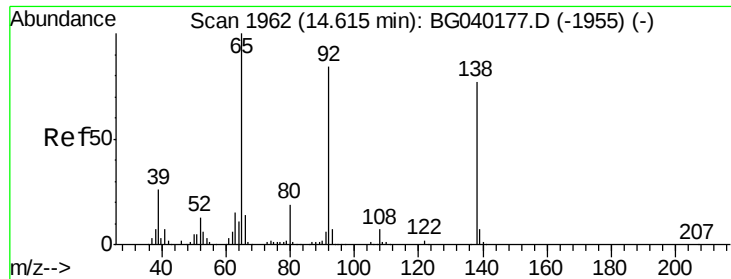
Delta R.T. -0.03 min

Lab File: BG040439.D

Acq: 11 Apr 2019 13:28

Tgt Ion:	154	Resp:	370713
Ion Ratio		Lower	Upper
154	100		
153	112.0	92.8	139.2
152	54.5	43.4	65.2





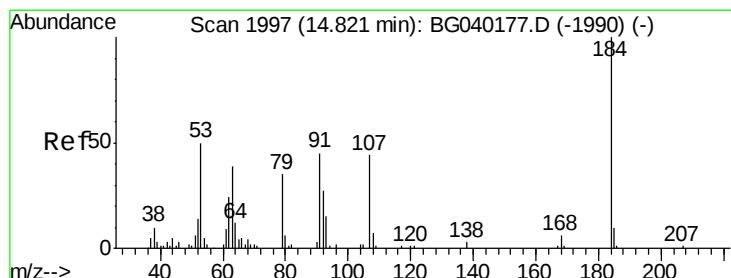
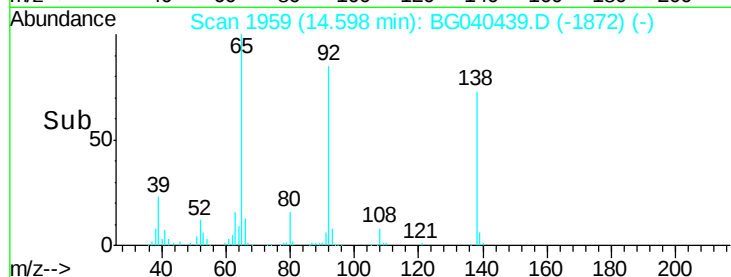
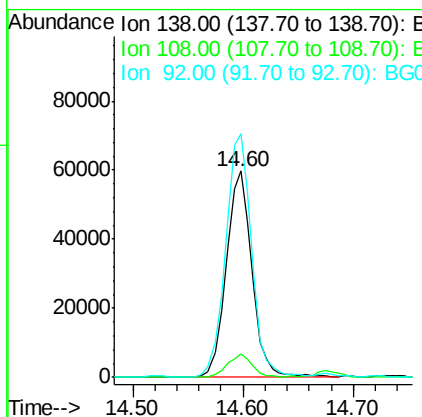
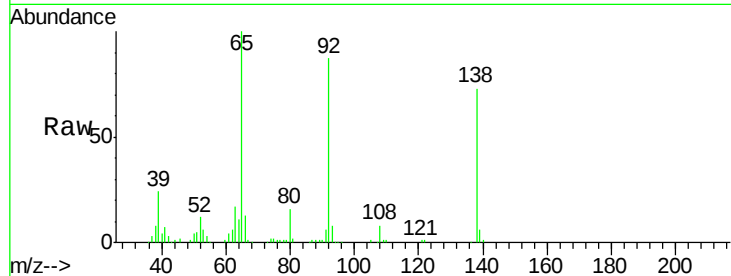
#53
3-Nitroaniline
Concen: 34.304 ng
RT: 14.60 min Scan# 1959
Delta R.T. -0.02 min
Lab File: BG040439.D
Acq: 11 Apr 2019 13:28

Instrument :
BNA_G
ClientSampleId :
PB118804BS

Tgt Ion:138 Resp: 97774
Ion Ratio Lower Upper
138 100
108 11.3 7.8 11.8
92 118.0 87.5 131.3

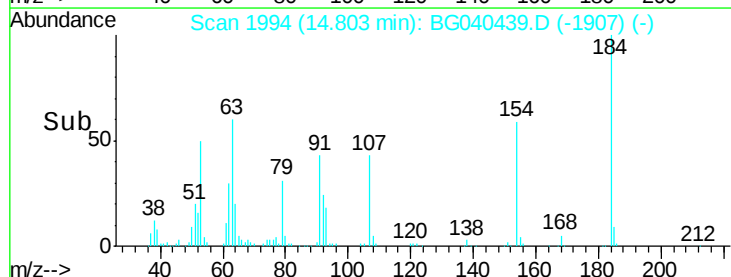
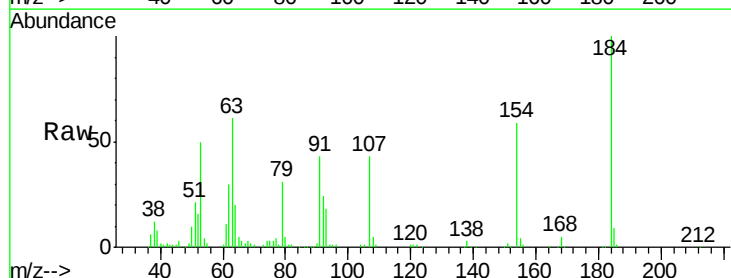
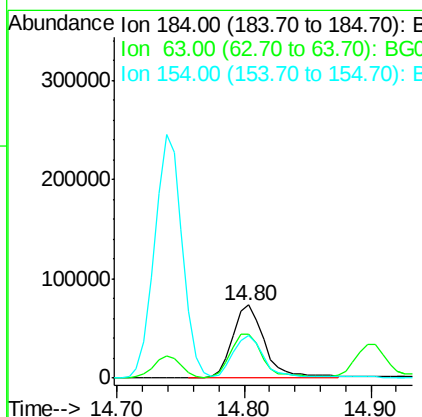
Manual Integrations
APPROVED

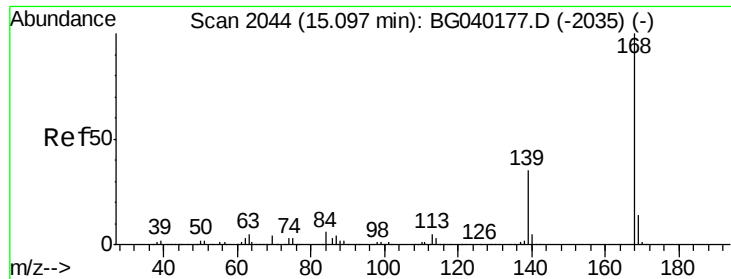
Sohil
4/15/2019 12:22:59 AM



#54
2,4-Dinitrophenol
Concen: 89.628 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BG040439.D
Acq: 11 Apr 2019 13:28

Tgt Ion:184 Resp: 128348
Ion Ratio Lower Upper
184 100
63 60.7 51.8 77.8
154 58.7 50.9 76.3





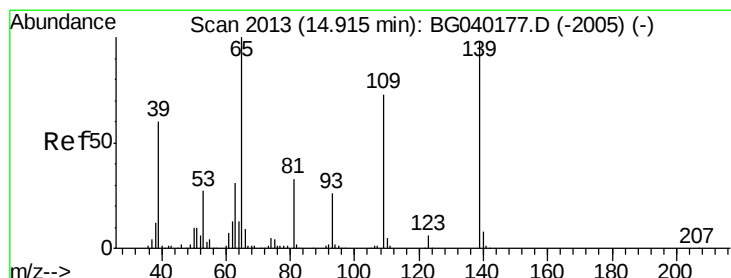
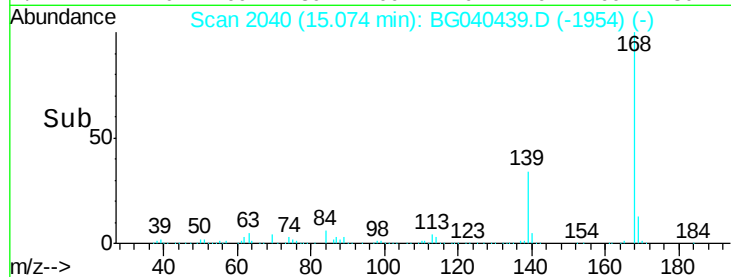
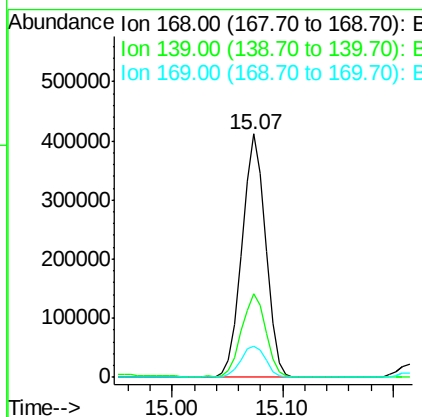
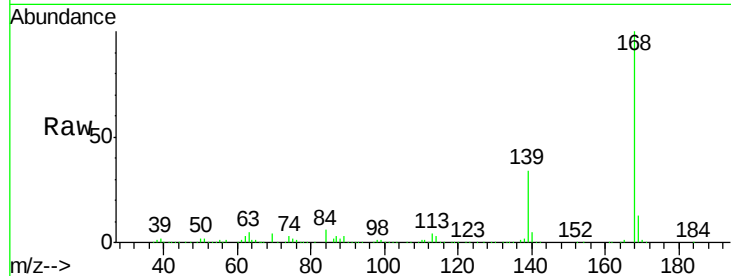
#55
Dibenzenofuran
Concen: 42.722 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.02 min
Lab File: BG040439.D
Acq: 11 Apr 2019 13:28

Instrument :
BNA_G
ClientSampled :
PB118804BS

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	619364		
139	34.1	27.9	41.9	
169	12.9	11.3	16.9	

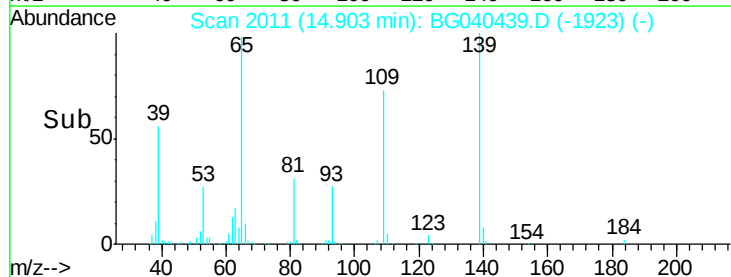
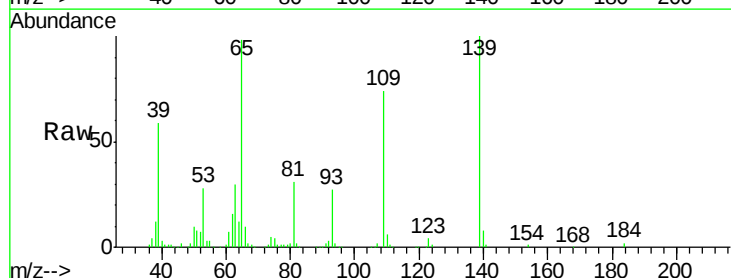
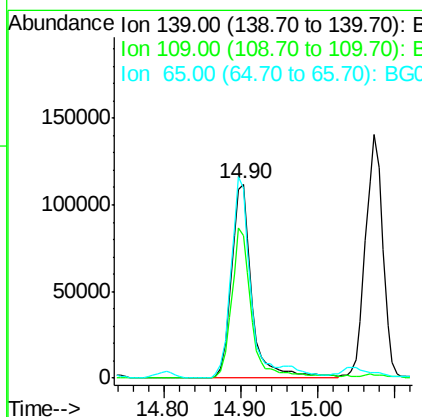
Manual Integrations
APPROVED

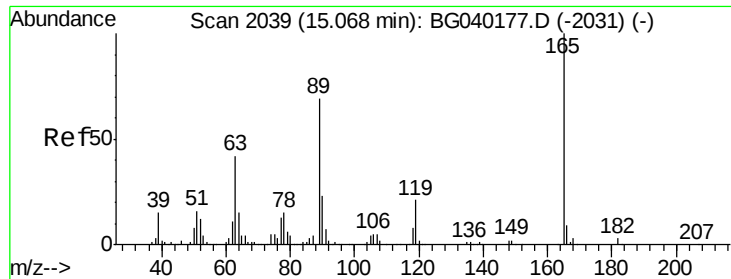
Sohil
4/15/2019 12:22:59 AM



#56
4-Nitrophenol
Concen: 90.595 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG040439.D
Acq: 11 Apr 2019 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	208403		
109	73.7	54.3	94.3	
65	97.9	82.5	122.5	





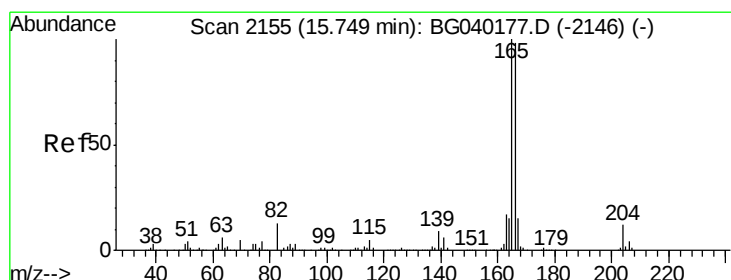
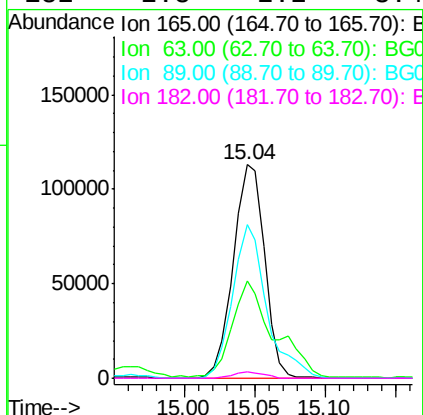
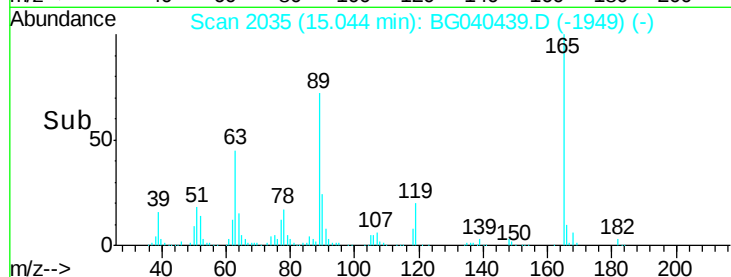
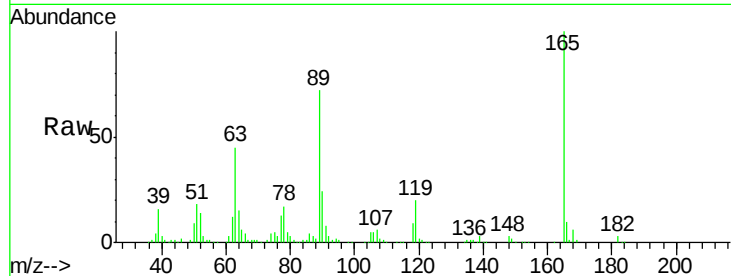
#57
2,4-Dinitrotoluene
Concen: 46.708 ng
RT: 15.04 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BG040439.D
Acq: 11 Apr 2019 13:28

Instrument :
BNA_G
ClientSampleId :
PB118804BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	174756		
63	45.4	33.8	50.6	
89	71.8	55.4	83.2	
182	2.8	2.2	3.4	

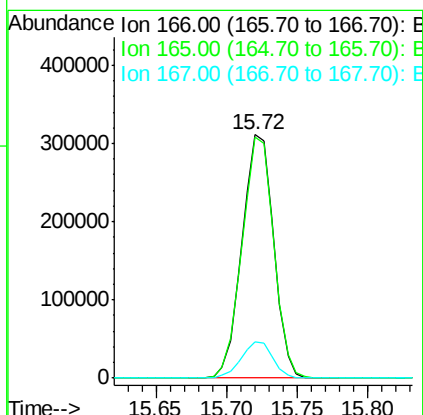
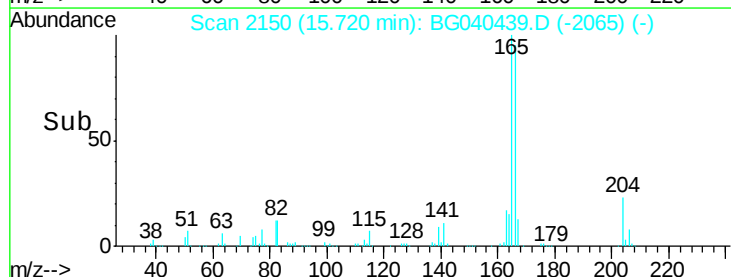
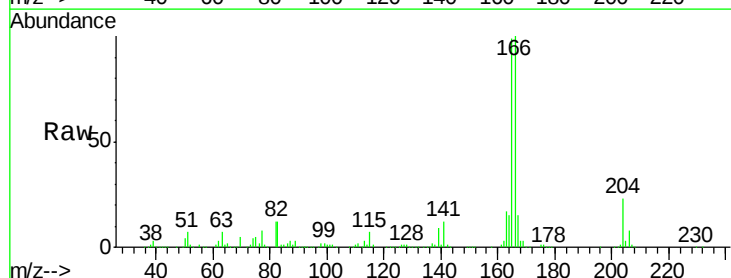
Manual Integrations
APPROVED

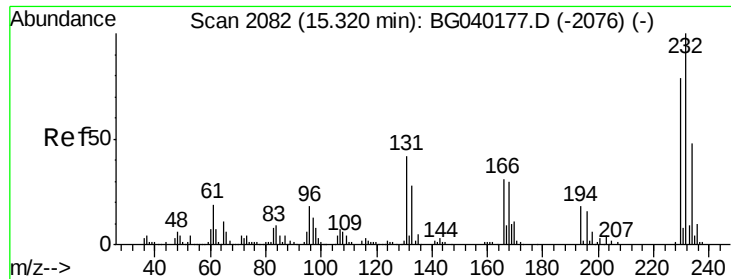
Sohil
4/15/2019 12:22:59 AM



#58
Fluorene
Concen: 43.014 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.03 min
Lab File: BG040439.D
Acq: 11 Apr 2019 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	490289		
165	99.1	81.7	122.5	
167	14.7	11.9	17.9	





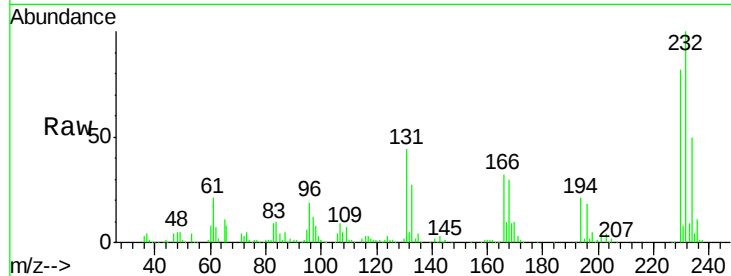
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.228 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. -0.02 min
 Lab File: BG040439.D
 Acq: 11 Apr 2019 13:28

Instrument :
 BNA_G
 ClientSampleId :
 PB118804BS

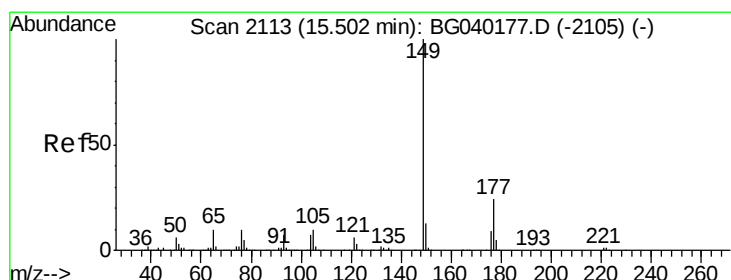
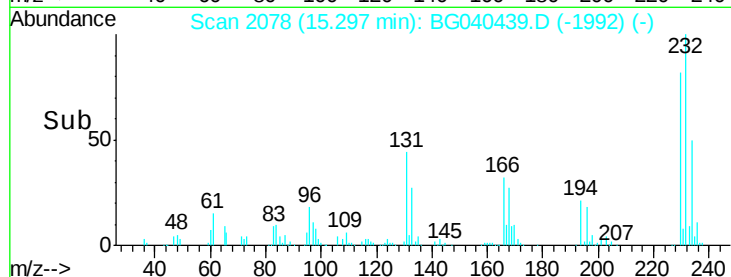
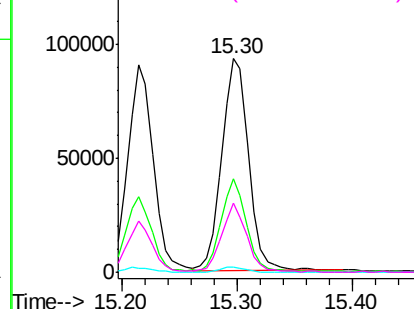
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	149777		
131	42.3	32.9	49.3	
130	2.2	1.8	2.8	
166	30.1	23.5	35.3	

Manual Integrations
 APPROVED

Sohil
 4/15/2019 12:22:59 AM

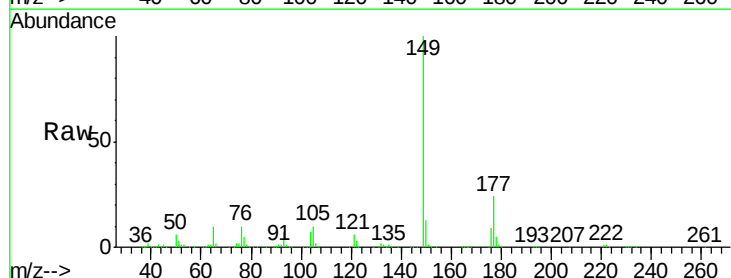


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

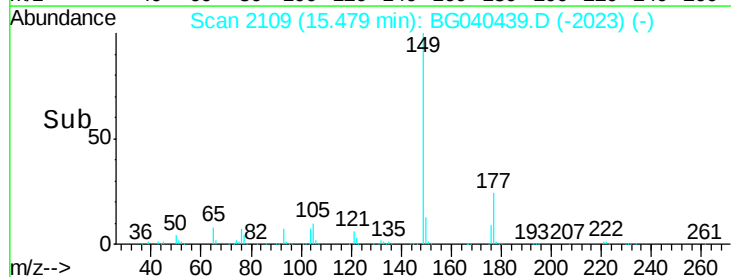
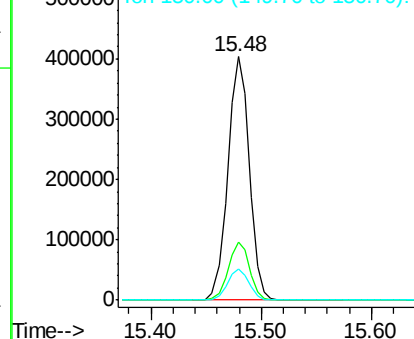


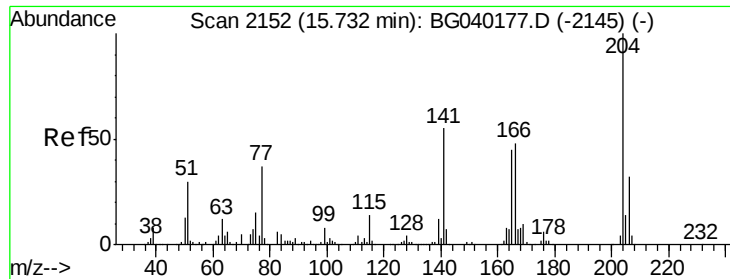
#60
 Diethylphthalate
 Concen: 44.556 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.02 min
 Lab File: BG040439.D
 Acq: 11 Apr 2019 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	546761		
177	23.8	19.1	28.7	
150	13.0	10.6	15.8	



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





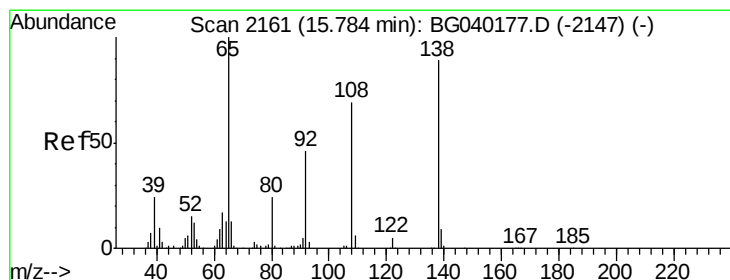
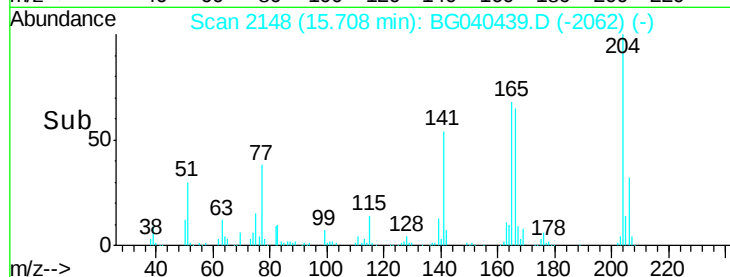
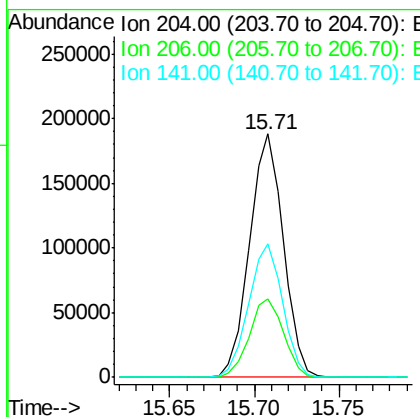
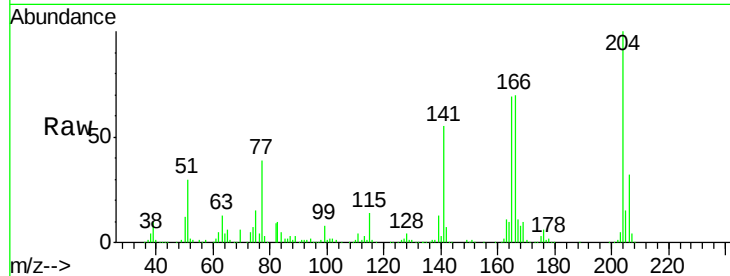
#61
 4-Chlorophenyl-phenylether
 Concen: 43.097 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.02 min
 Lab File: BG040439.D
 Acq: 11 Apr 2019 13:28

Instrument :
 BNA_G
 ClientSampled :
 PB118804BS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.1	25.7	38.5
141	54.6	44.0	66.0

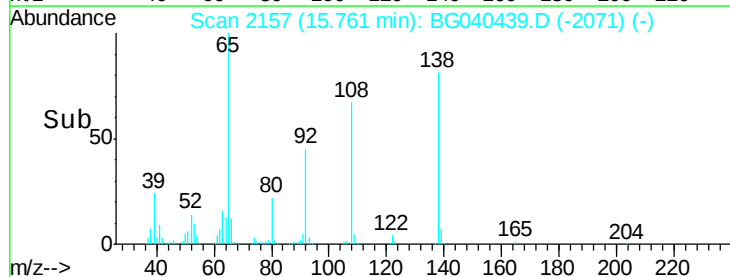
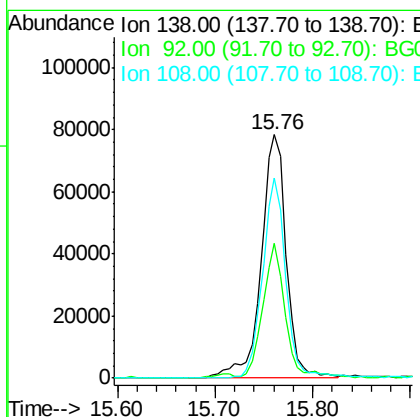
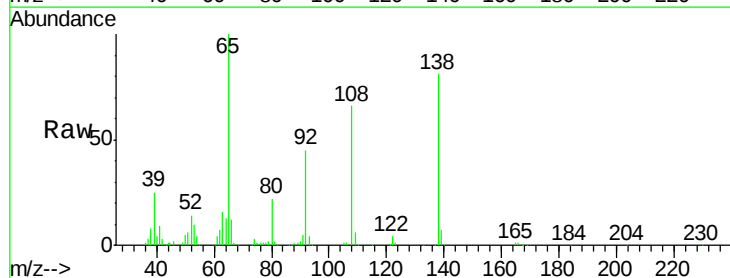
Manual Integrations
 APPROVED

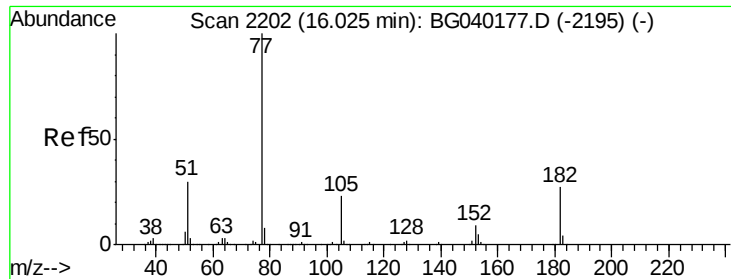
Sohil
 4/15/2019 12:22:59 AM



#62
 4-Nitroaniline
 Concen: 46.356 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. -0.02 min
 Lab File: BG040439.D
 Acq: 11 Apr 2019 13:28

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.3	31.8	71.8
108	82.0	57.2	97.2





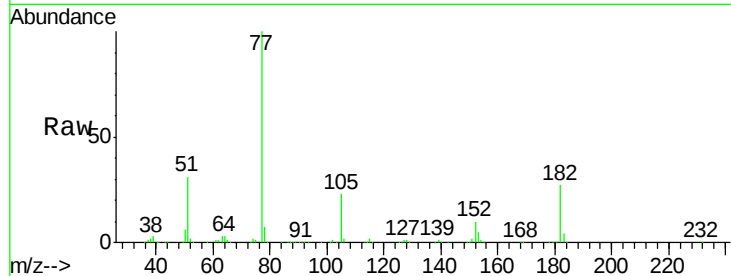
#63
Azobenzene
Concen: 43.419 ng
RT: 16.00 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BG040439.D
Acq: 11 Apr 2019 13:28

Instrument :
BNA_G
ClientSampled :
PB118804BS

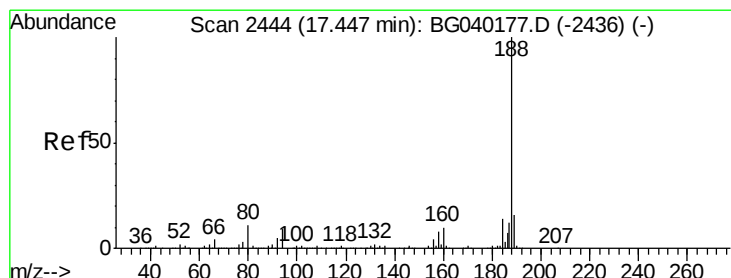
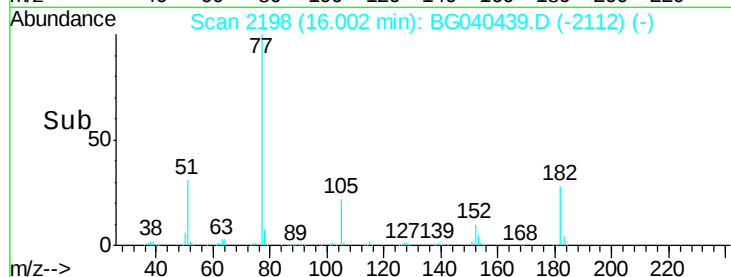
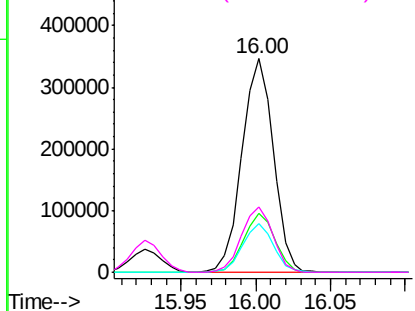
Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.4	7.2	47.2
105	22.9	2.8	42.8
51	30.8	10.4	50.4

Manual Integrations
APPROVED

Sohil
4/15/2019 12:22:59 AM



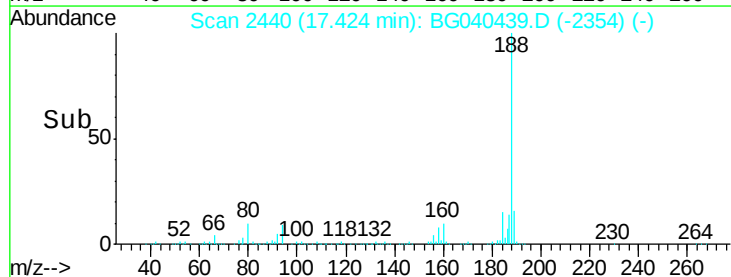
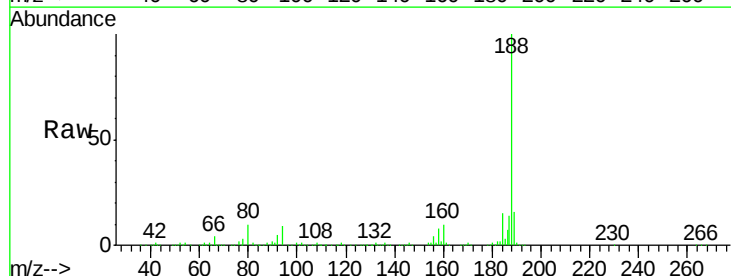
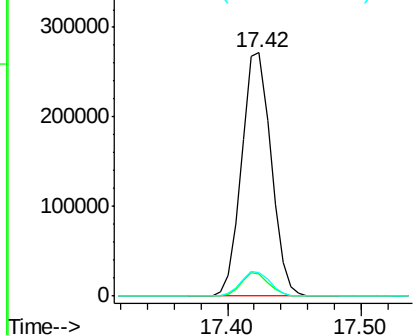
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

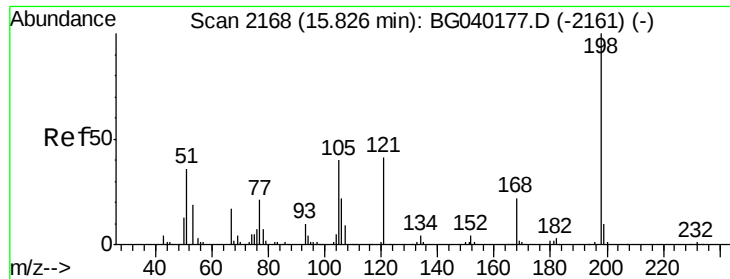


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BG040439.D
Acq: 11 Apr 2019 13:28

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.0	10.4
80	9.6	8.6	13.0

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





#65

4,6-Dinitro-2-methylphenol

Concen: 41.451 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.02 min

Lab File: BG040439.D

Acq: 11 Apr 2019 13:28

Instrument :

BNA_G

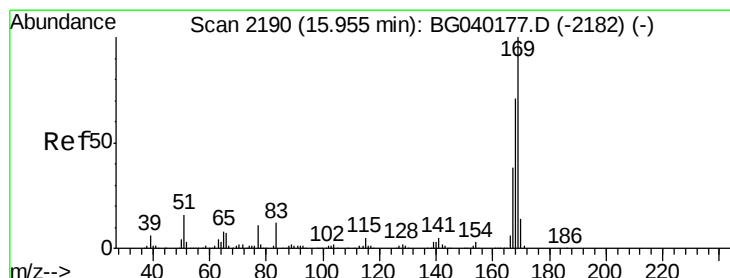
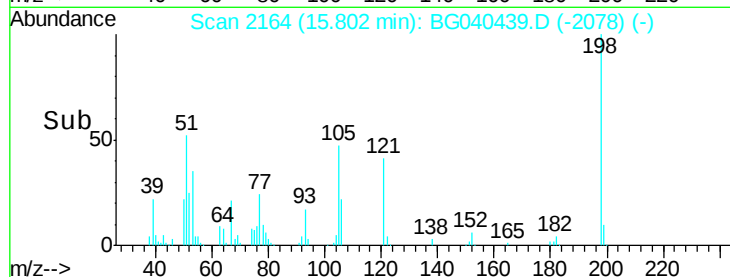
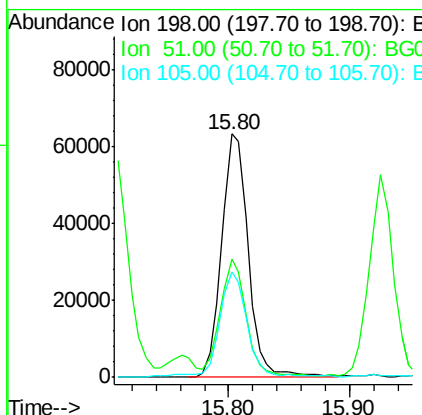
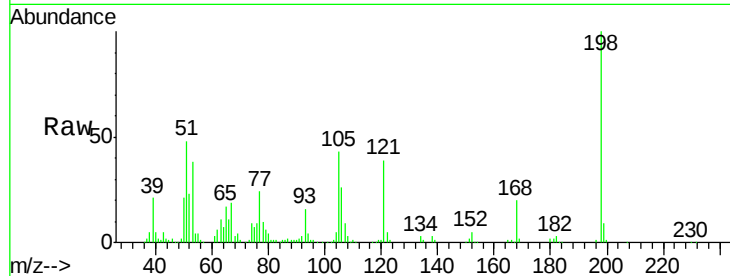
ClientSampled :

PB118804BS

Tgt Ion:	198	Resp:	96789
Ion Ratio	Lower	Upper	
198	100		
51	48.4	27.3	67.3
105	43.4	21.7	61.7

Manual Integrations
APPROVED

Sohil
4/15/2019 12:22:59 AM



#66

n-Nitrosodiphenylamine

Concen: 39.204 ng

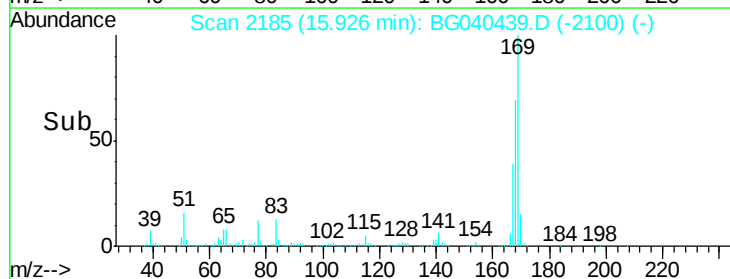
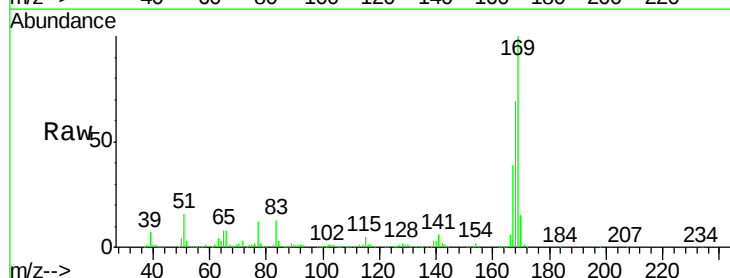
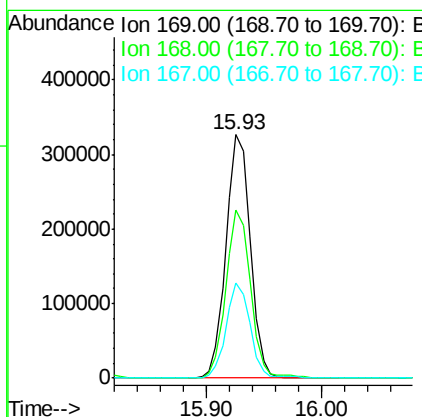
RT: 15.93 min Scan# 2185

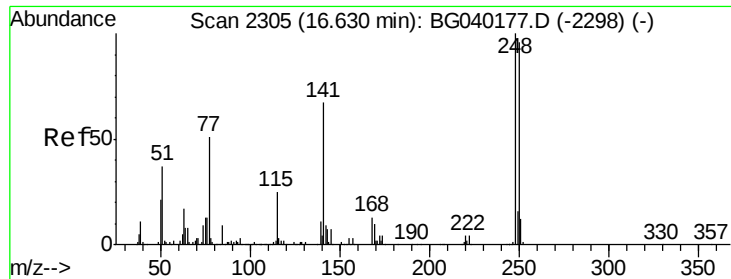
Delta R.T. -0.03 min

Lab File: BG040439.D

Acq: 11 Apr 2019 13:28

Tgt Ion:	169	Resp:	476808
Ion Ratio	Lower	Upper	
169	100		
168	69.1	56.8	85.2
167	39.1	30.2	45.4





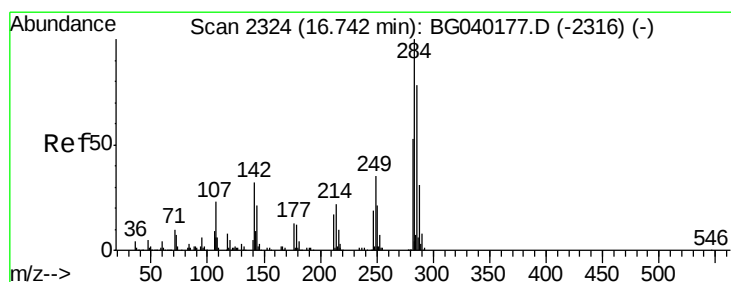
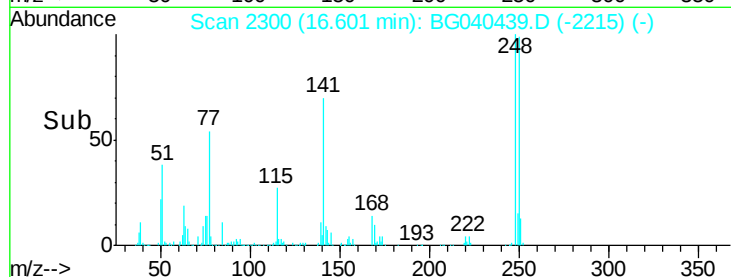
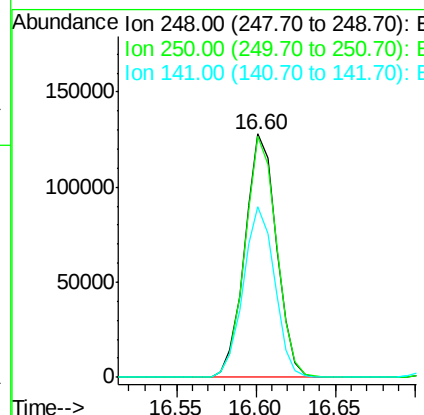
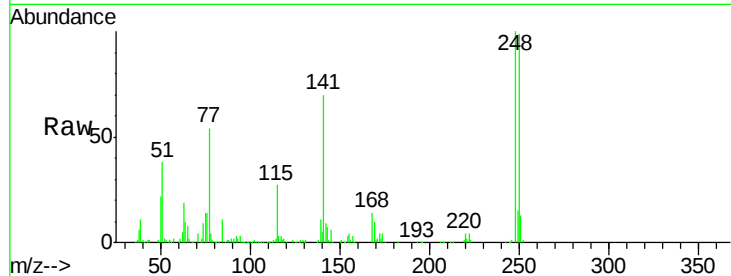
#67
4-Bromophenyl-phenylether
Concen: 37.761 ng
RT: 16.60 min Scan# 2300
Delta R.T. -0.03 min
Lab File: BG040439.D
Acq: 11 Apr 2019 13:28

Instrument :
BNA_G
ClientSampleId :
PB118804BS

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	176614		
250	98.8	76.4	114.6	
141	70.0	53.8	80.8	

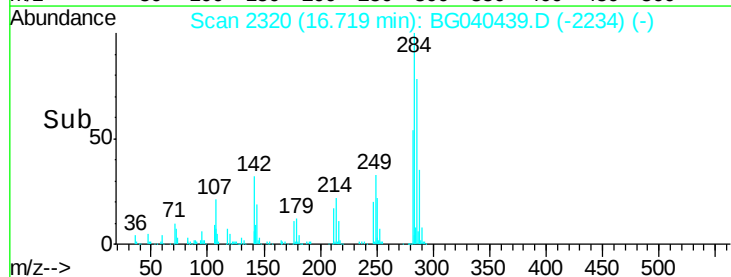
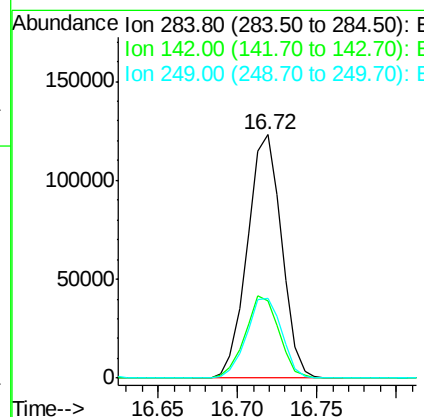
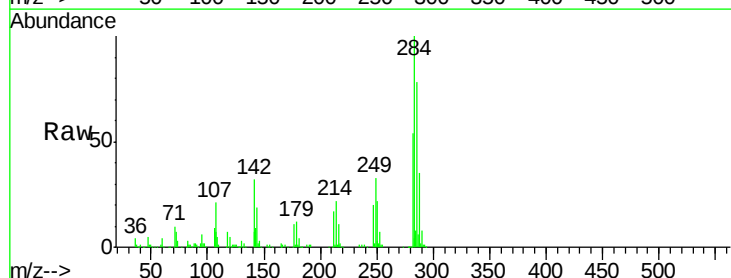
Manual Integrations
APPROVED

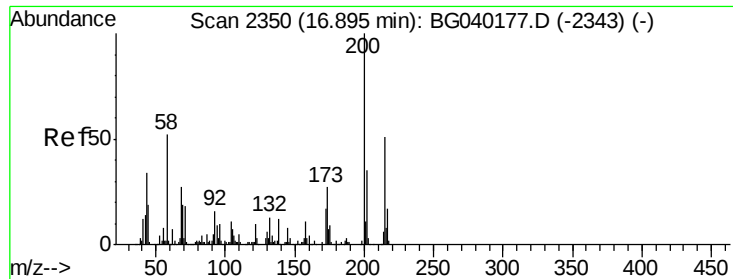
Sohil
4/15/2019 12:22:59 AM



#68
Hexachlorobenzene
Concen: 39.148 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.02 min
Lab File: BG040439.D
Acq: 11 Apr 2019 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	184102		
142	31.9	25.3	37.9	
249	32.7	28.2	42.2	





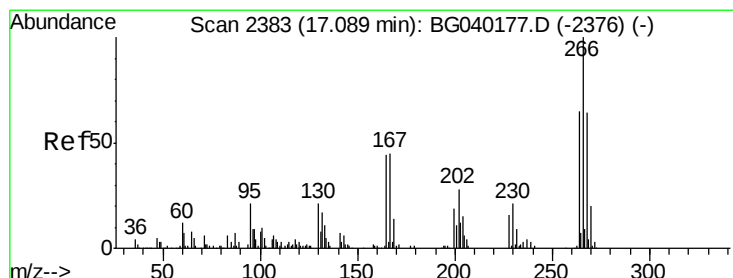
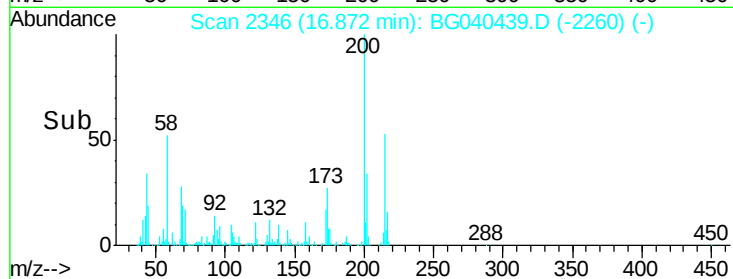
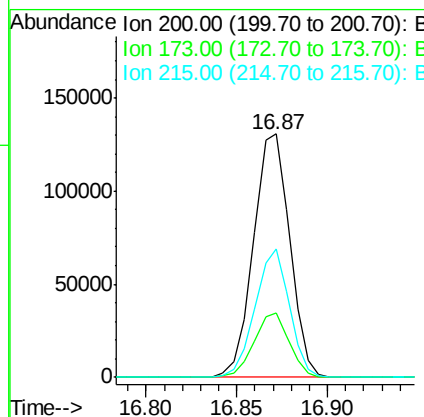
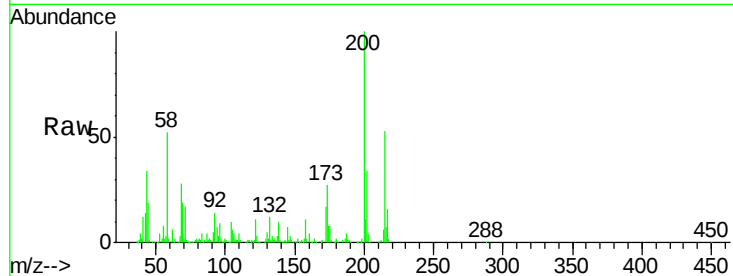
#69
Atrazine
Concen: 40.199 ng
RT: 16.87 min Scan# 2346
Delta R.T. -0.02 min
Lab File: BG040439.D
Acq: 11 Apr 2019 13:28

Instrument :
BNA_G
ClientSampleId :
PB118804BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.6	7.1	47.1
215	52.8	30.9	70.9

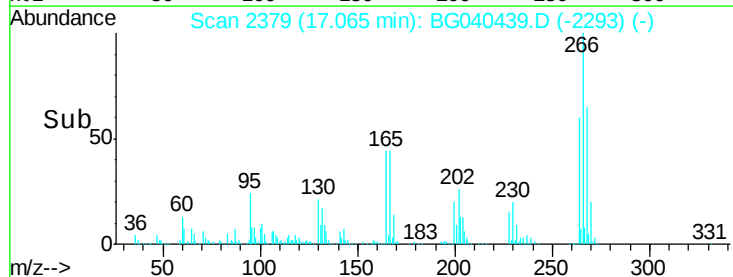
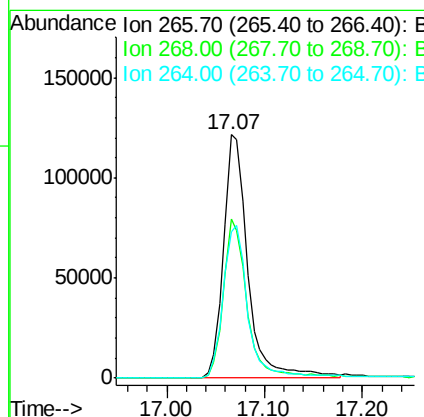
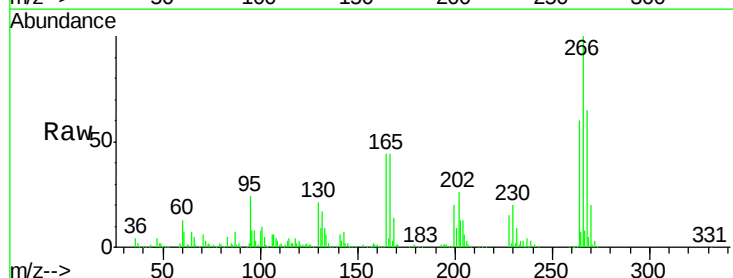
Manual Integrations
APPROVED

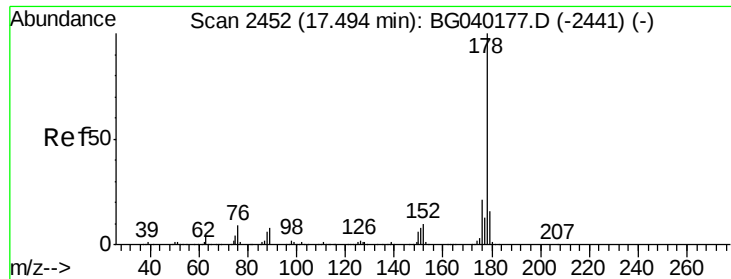
Sohil
4/15/2019 12:22:59 AM



#70
Pentachlorophenol
Concen: 77.936 ng
RT: 17.07 min Scan# 2379
Delta R.T. -0.02 min
Lab File: BG040439.D
Acq: 11 Apr 2019 13:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	65.5	55.0	82.4
264	60.3	51.8	77.8





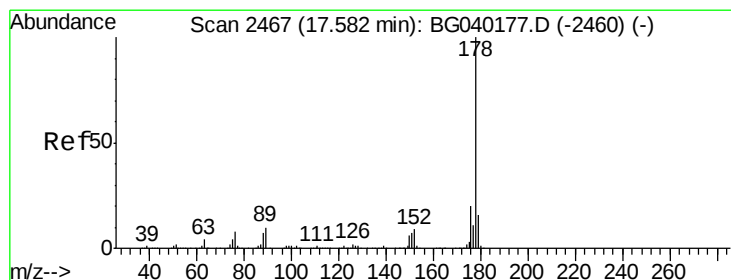
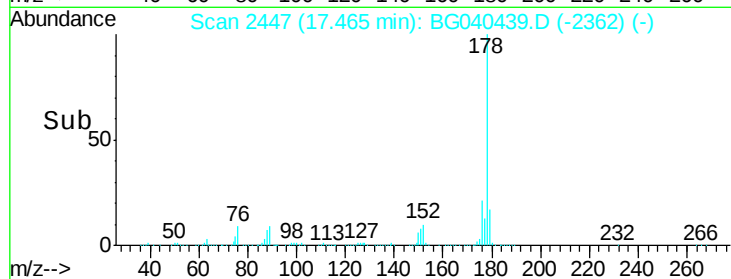
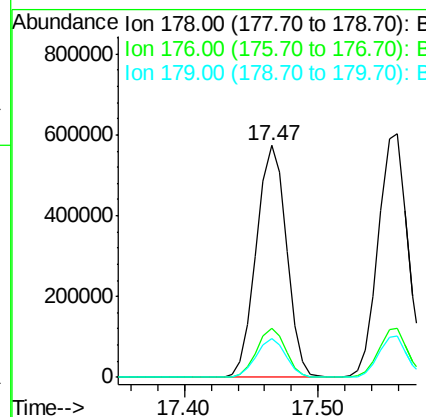
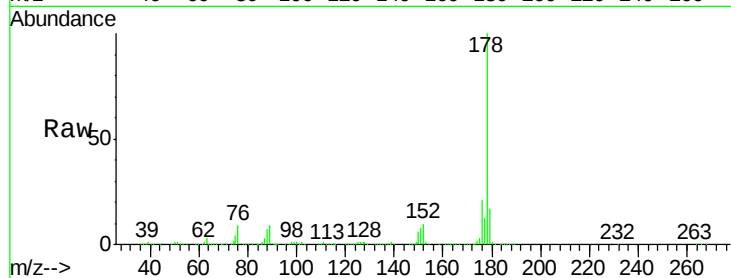
#71
Phenanthrene
Concen: 40.954 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.03 min
Lab File: BG040439.D
Acq: 11 Apr 2019 13:28

Instrument :
BNA_G
ClientSampleId :
PB118804BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.2	16.7	25.1
179	16.8	12.8	19.2

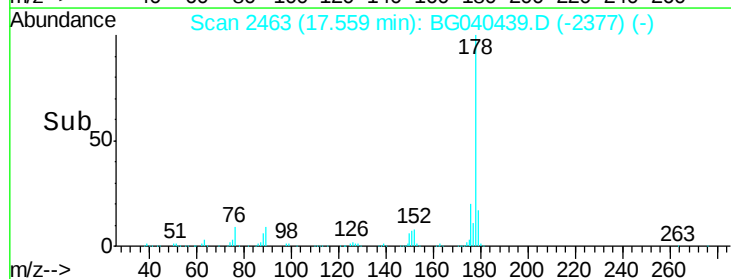
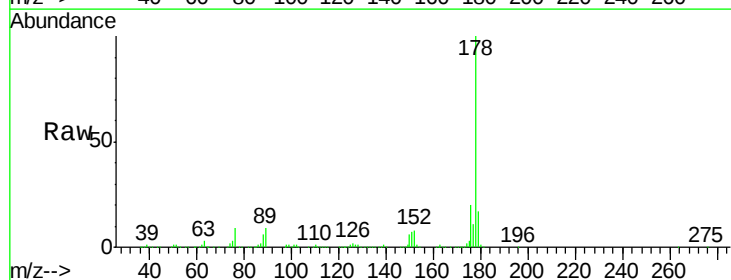
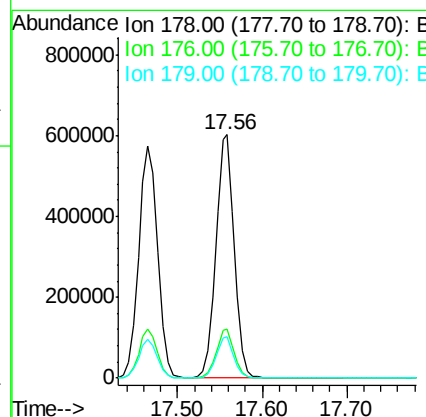
Manual Integrations
APPROVED

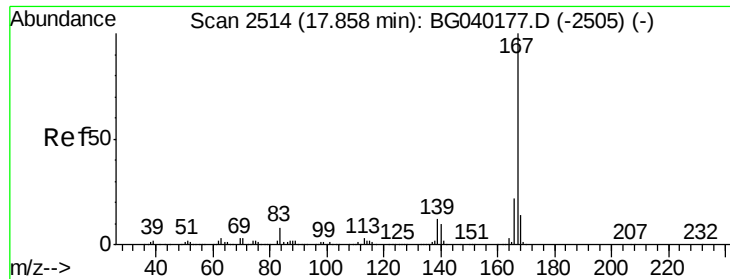
Sohil
4/15/2019 12:22:59 AM



#72
Anthracene
Concen: 42.096 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040439.D
Acq: 11 Apr 2019 13:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.9	23.9
179	17.0	12.9	19.3





#73

Carbazole

Concen: 42.853 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.03 min

Lab File: BG040439.D

Acq: 11 Apr 2019 13:28

Instrument :

BNA_G

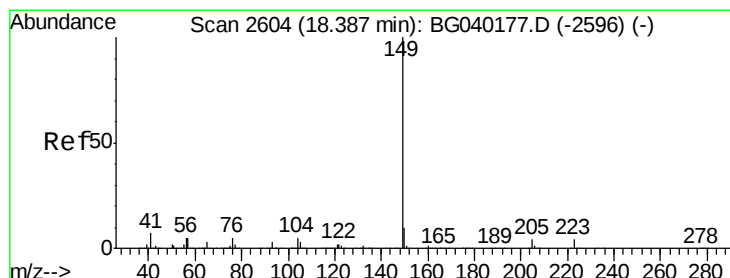
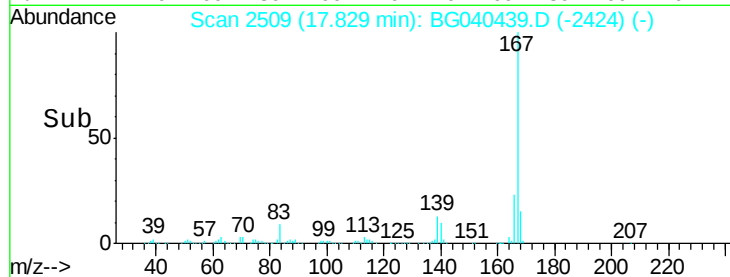
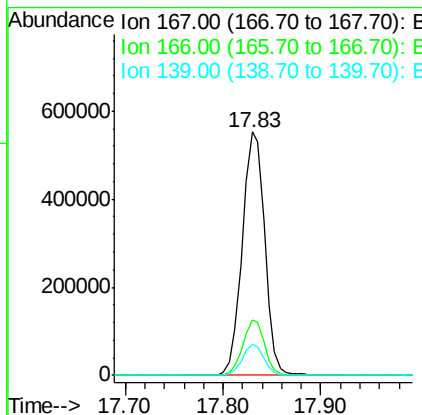
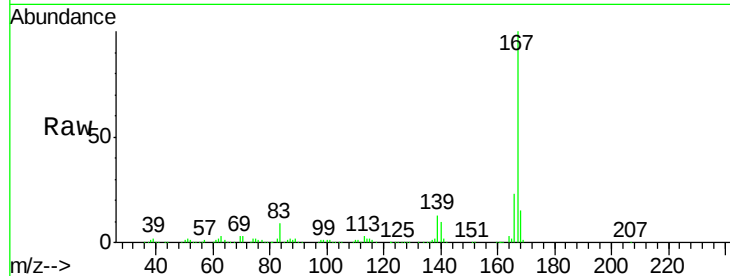
ClientSampleId :

PB118804BS

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	886780		
166	22.7	17.5	26.3	
139	12.7	10.0	15.0	

Manual Integrations
APPROVED

Sohil
4/15/2019 12:22:59 AM



#74

Di-n-butylphthalate

Concen: 43.622 ng

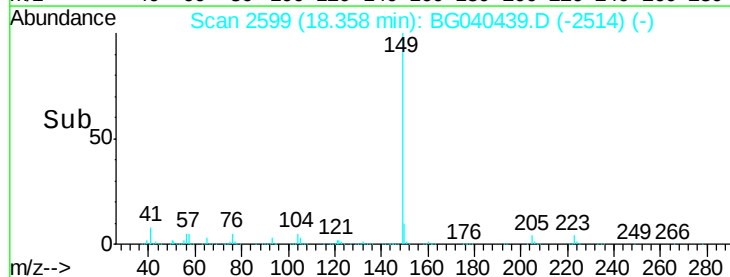
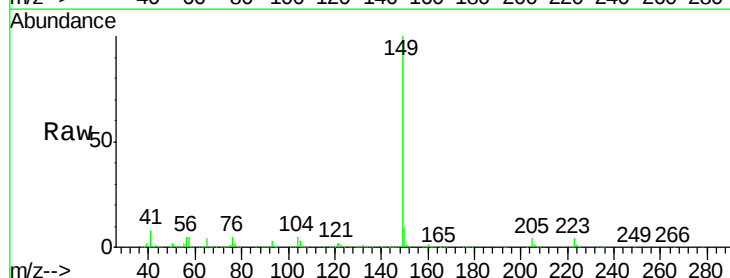
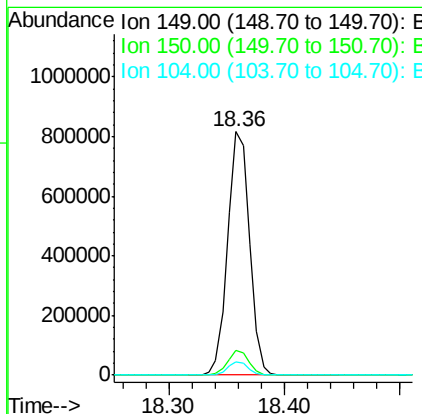
RT: 18.36 min Scan# 2599

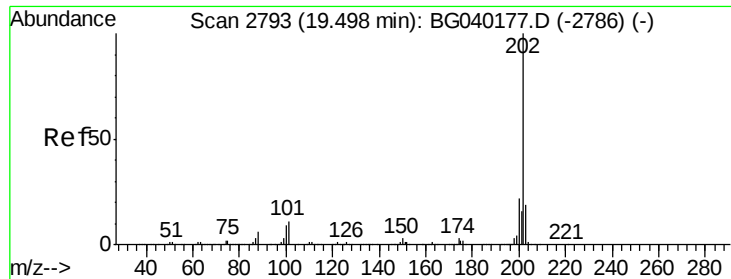
Delta R.T. -0.03 min

Lab File: BG040439.D

Acq: 11 Apr 2019 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1070001		
150	10.3	7.9	11.9	
104	5.3	4.1	6.1	





#75

Fluoranthene

Concen: 43.800 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.02 min

Lab File: BG040439.D

Acq: 11 Apr 2019 13:28

Instrument :

BNA_G

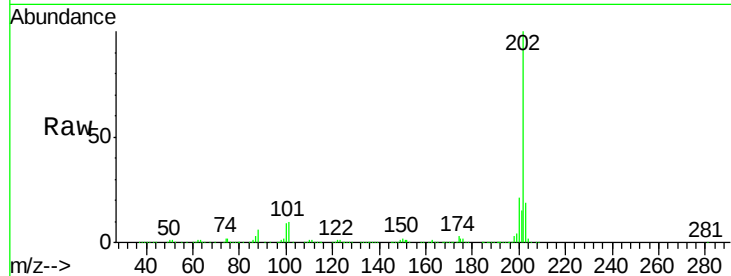
ClientSampleId :

PB118804BS

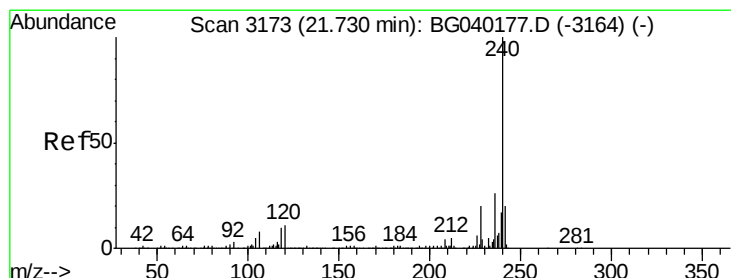
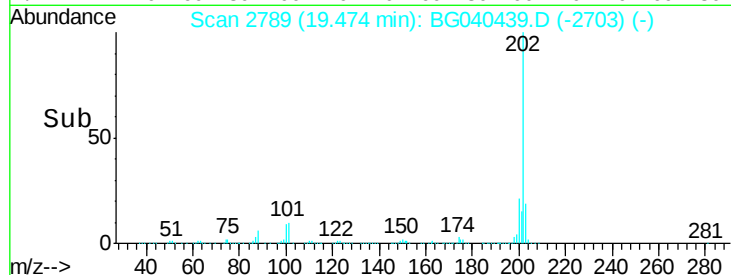
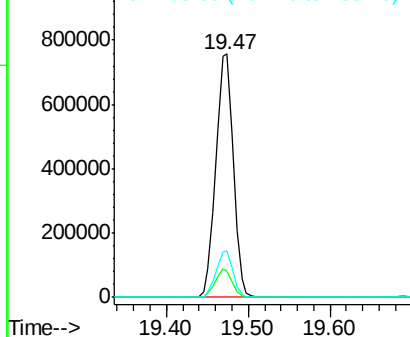
Tgt Ion:	202	Resp:	1133033
Ion Ratio	Lower	Upper	
202	100		
101	10.5	0.0	30.8
203	19.2	0.0	38.9

Manual Integrations
APPROVED

Sohil
4/15/2019 12:22:59 AM



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



#76

Chrysene-d12

Concen: 20.000 ng

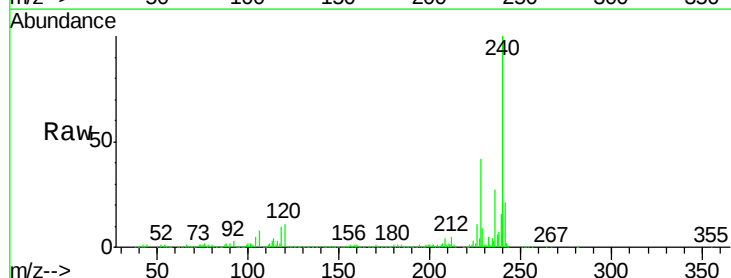
RT: 21.70 min Scan# 3167

Delta R.T. -0.04 min

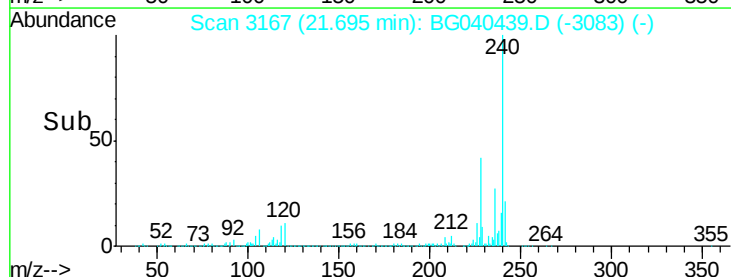
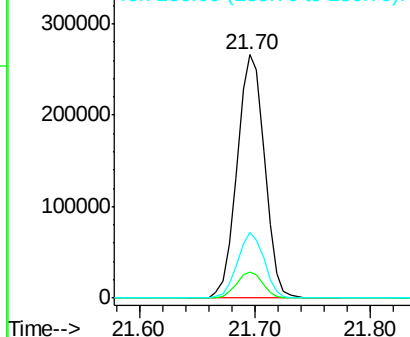
Lab File: BG040439.D

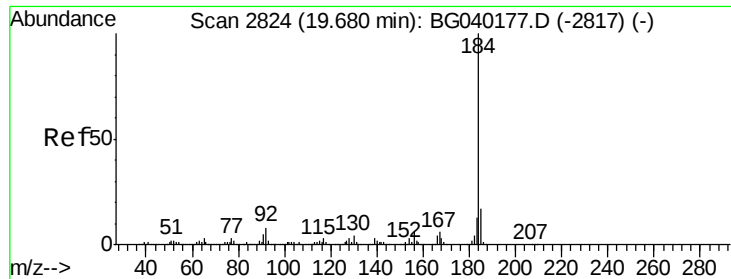
Acq: 11 Apr 2019 13:28

Tgt Ion:	240	Resp:	439389
Ion Ratio	Lower	Upper	
240	100		
120	10.8	8.4	12.6
236	27.2	20.8	31.2



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





#77

Benzidine

Concen: 26.548 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.02 min

Lab File: BG040439.D

Acq: 11 Apr 2019 13:28

Instrument :

BNA_G

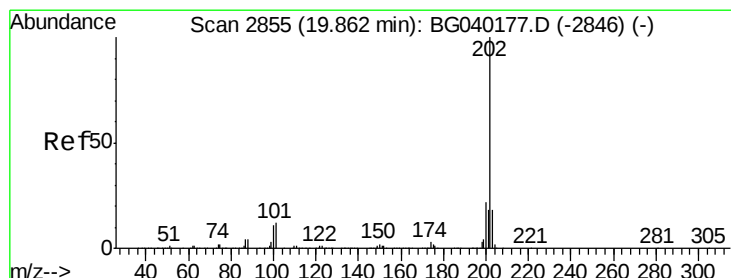
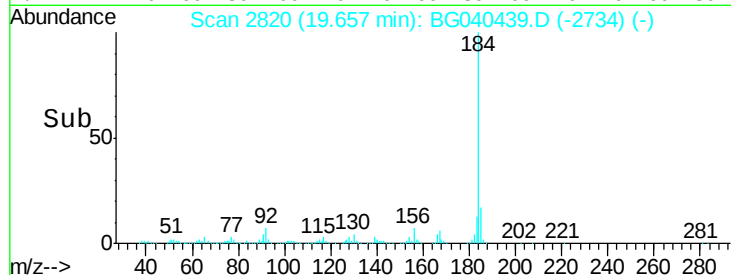
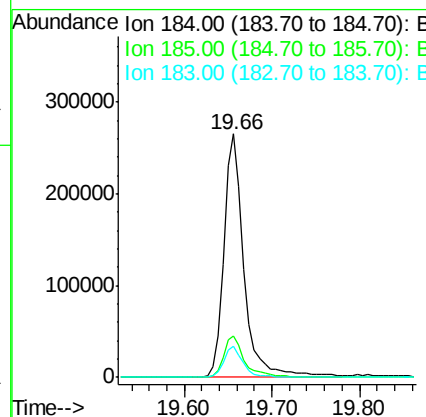
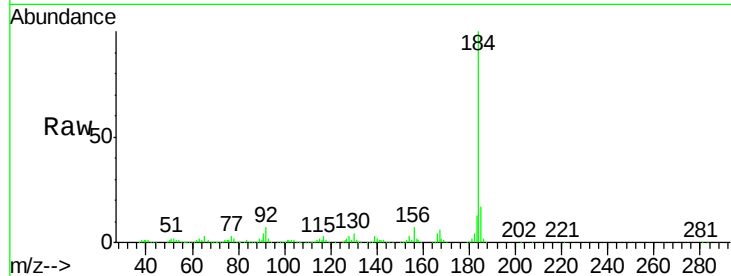
ClientSampleId :

PB118804BS

Tgt Ion:	184	Resp:	421237
Ion Ratio		Lower	Upper
184	100		
185	16.9	13.3	19.9
183	12.7	10.3	15.5

Manual Integrations
APPROVED

Sohil
4/15/2019 12:22:59 AM



#78

Pyrene

Concen: 38.625 ng

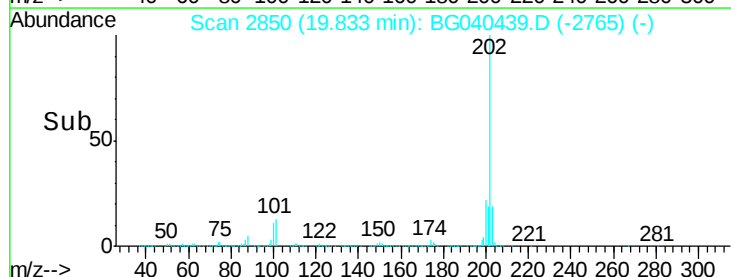
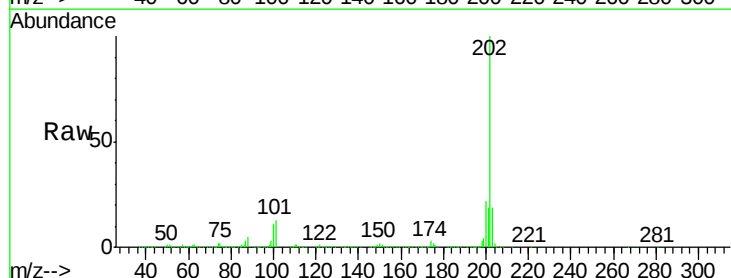
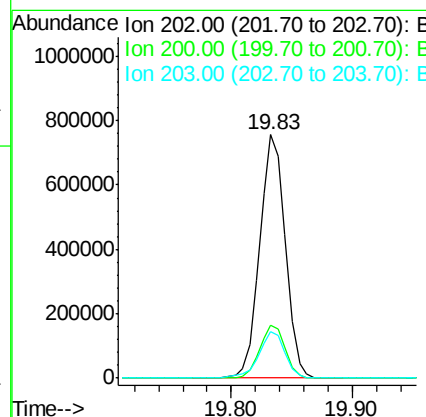
RT: 19.83 min Scan# 2850

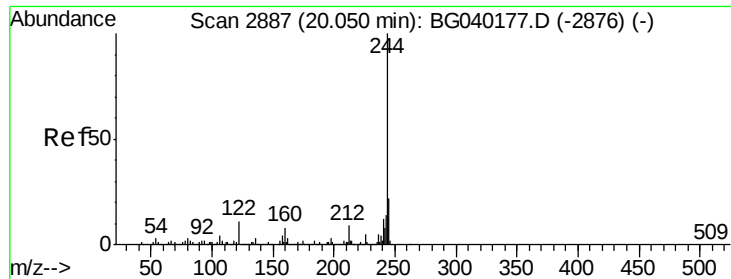
Delta R.T. -0.03 min

Lab File: BG040439.D

Acq: 11 Apr 2019 13:28

Tgt Ion:	202	Resp:	1116047
Ion Ratio		Lower	Upper
202	100		
200	21.8	17.3	25.9
203	19.1	14.6	22.0





#79

Terphenyl-d14

Concen: 81.414 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040439.D

Acq: 11 Apr 2019 13:28

Instrument :

BNA_G

ClientSampleId :

PB118804BS

Tgt Ion:244 Resp: 1590126

Ion Ratio Lower Upper

244 100

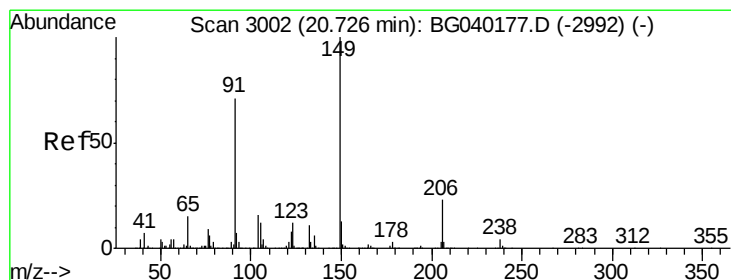
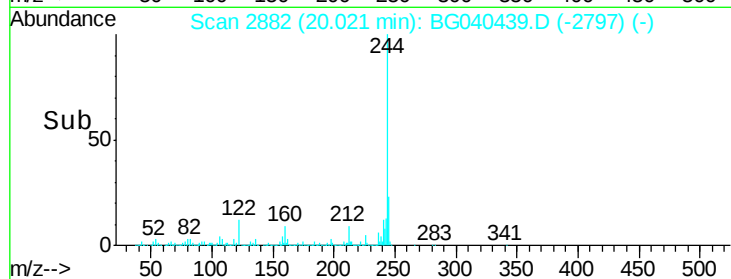
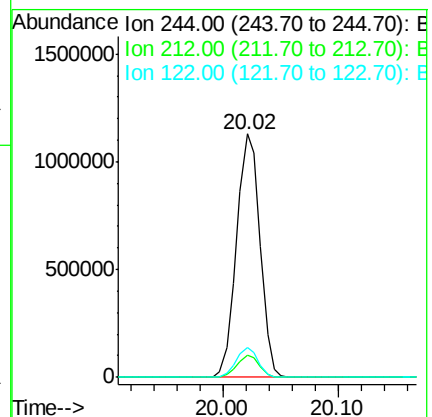
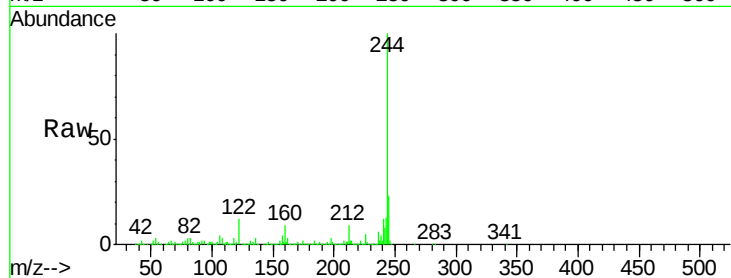
212 9.4 7.0 10.6

122 12.1 8.5 12.7

Manual Integrations
APPROVED

Sohil

4/15/2019 12:22:59 AM



#80

Butylbenzylphthalate

Concen: 42.082 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.02 min

Lab File: BG040439.D

Acq: 11 Apr 2019 13:28

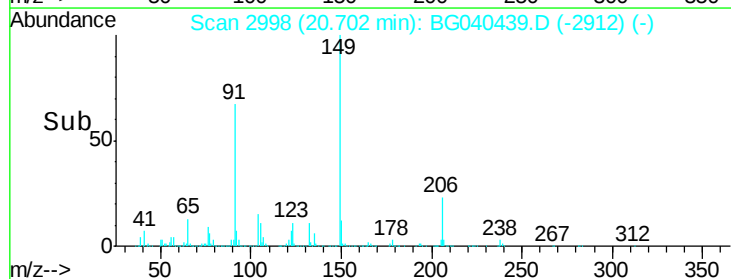
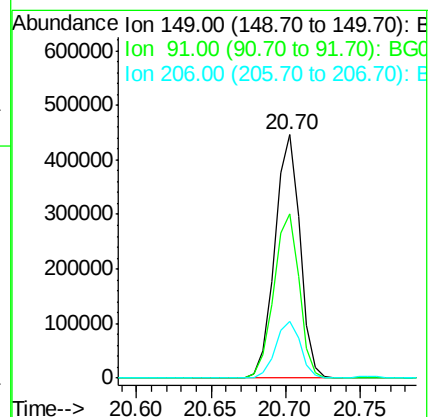
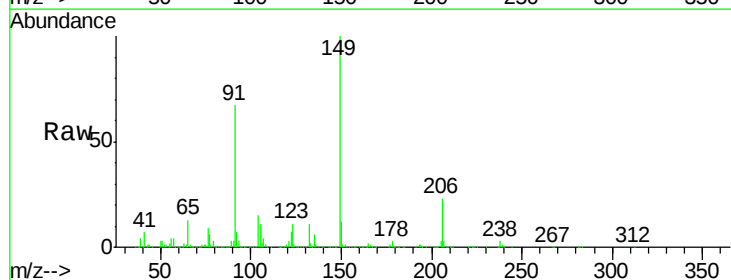
Tgt Ion:149 Resp: 520318

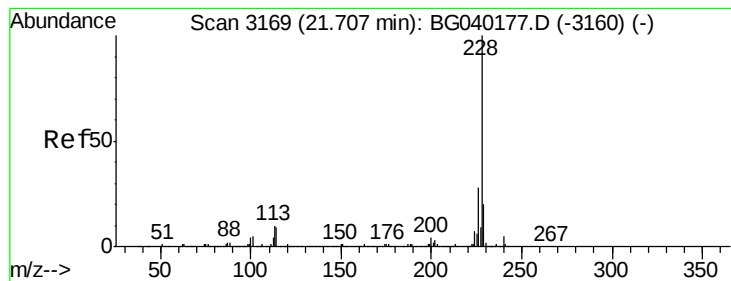
Ion Ratio Lower Upper

149 100

91 67.5 57.0 85.4

206 23.5 18.2 27.4





#81

Benzo(a)anthracene

Concen: 38.595 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.03 min

Lab File: BG040439.D

Acq: 11 Apr 2019 13:28

Instrument :

BNA_G

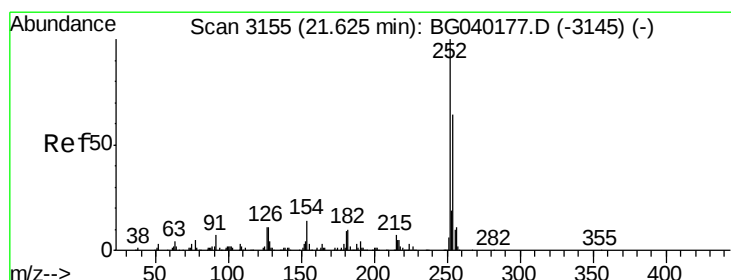
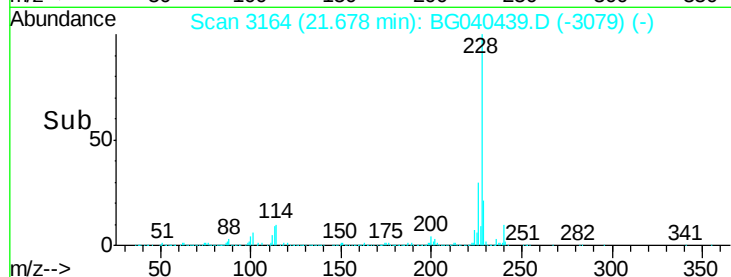
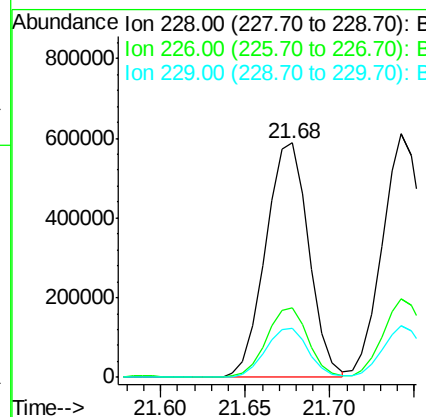
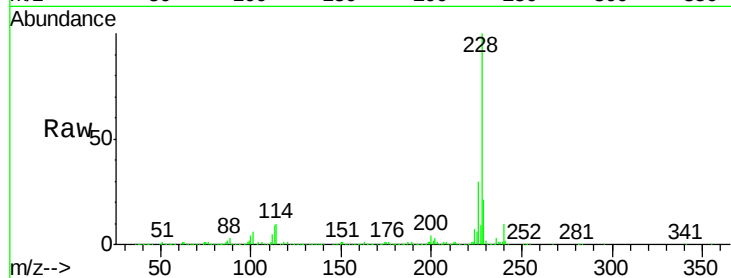
ClientSampleId :

PB118804BS

Tgt Ion:	228	Resp:	1044523
Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.6	34.0
229	21.2	16.1	24.1

Manual Integrations
APPROVED

Sohil
4/15/2019 12:22:59 AM



#82

3,3'-Dichlorobenzidine

Concen: 29.884 ng

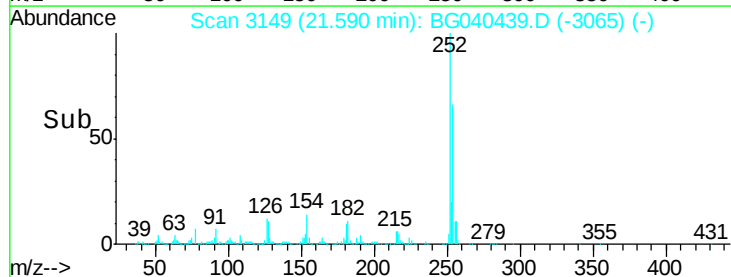
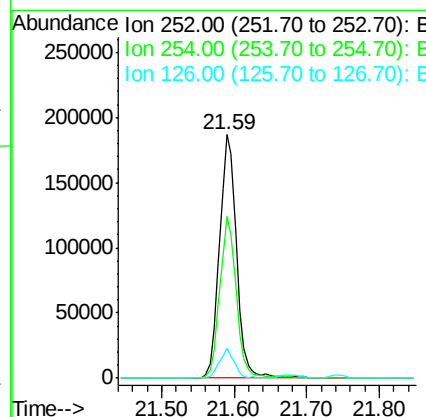
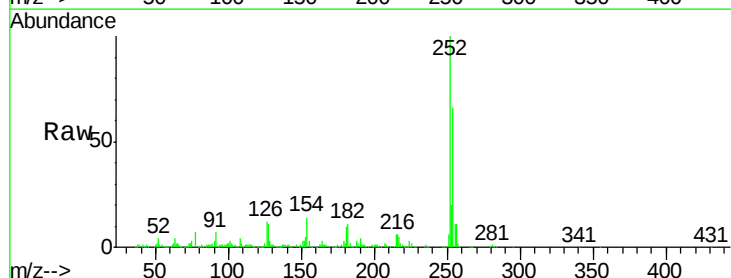
RT: 21.59 min Scan# 3149

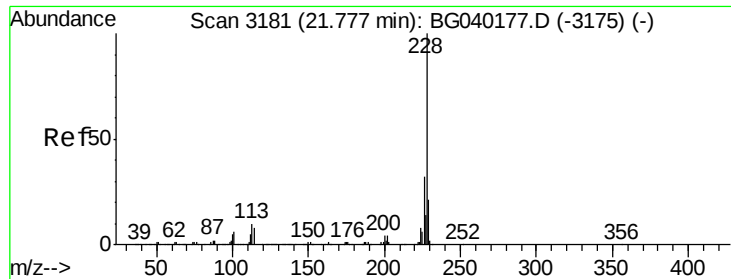
Delta R.T. -0.04 min

Lab File: BG040439.D

Acq: 11 Apr 2019 13:28

Tgt Ion:	252	Resp:	307659
Ion	Ratio	Lower	Upper
252	100		
254	66.2	51.4	77.2
126	12.0	8.5	12.7





#83

Chrysene

Concen: 39.954 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.04 min

Lab File: BG040439.D

Acq: 11 Apr 2019 13:28

Instrument :

BNA_G

ClientSampleId :

PB118804BS

Tgt Ion:228 Resp: 1039207

Ion Ratio Lower Upper

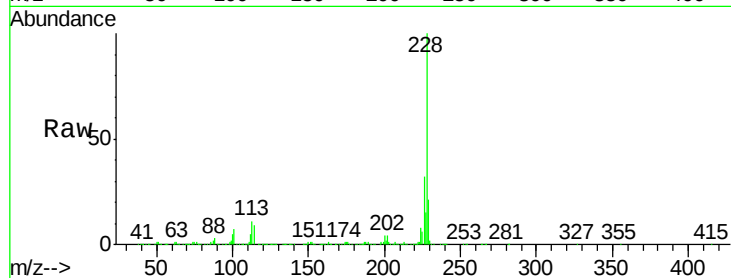
228 100

226 32.0 25.4 38.0

229 21.3 17.0 25.4

Manual Integrations
APPROVED

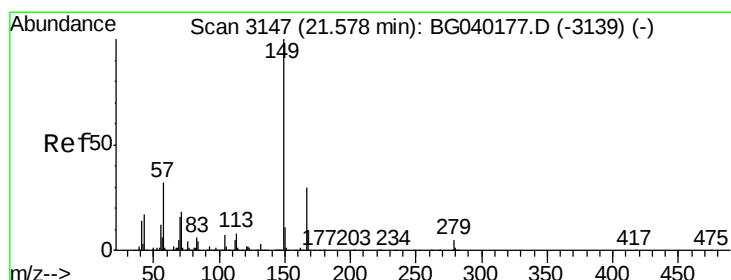
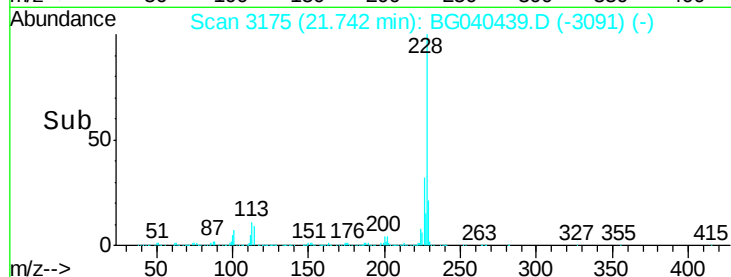
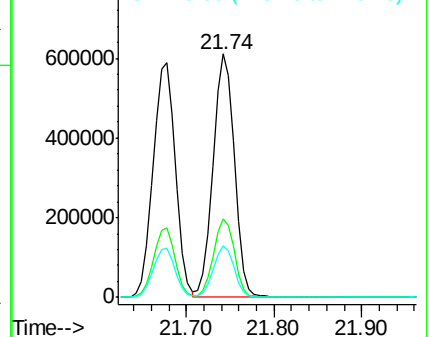
Sohil
4/15/2019 12:22:59 AM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.785 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.04 min

Lab File: BG040439.D

Acq: 11 Apr 2019 13:28

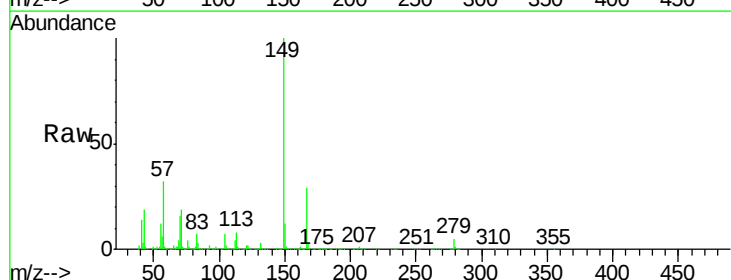
Tgt Ion:149 Resp: 756214

Ion Ratio Lower Upper

149 100

167 29.5 24.1 36.1

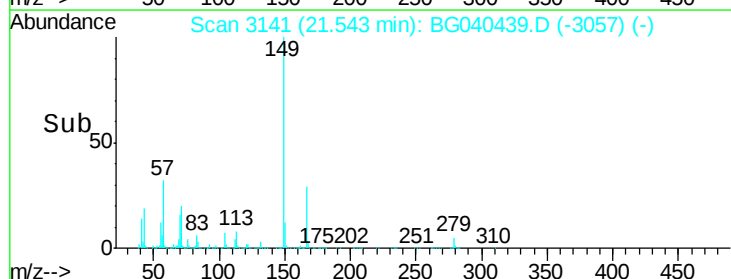
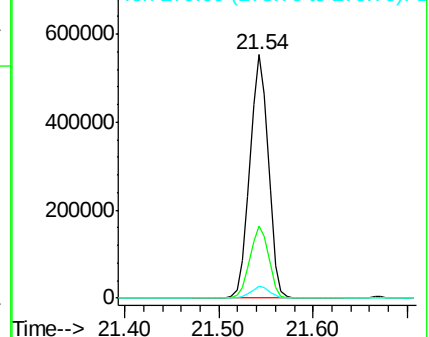
279 4.8 4.1 6.1

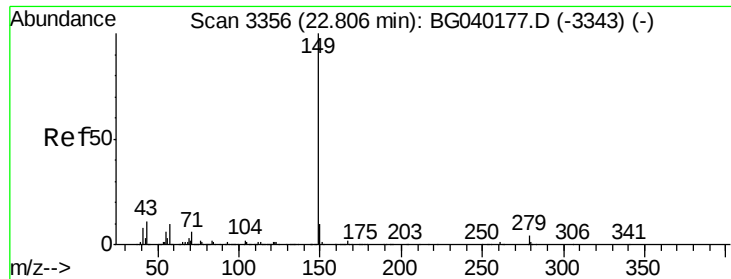


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.770 ng

RT: 22.76 min Scan# 3349

Delta R.T. -0.04 min

Lab File: BG040439.D

Acq: 11 Apr 2019 13:28

Instrument :

BNA_G

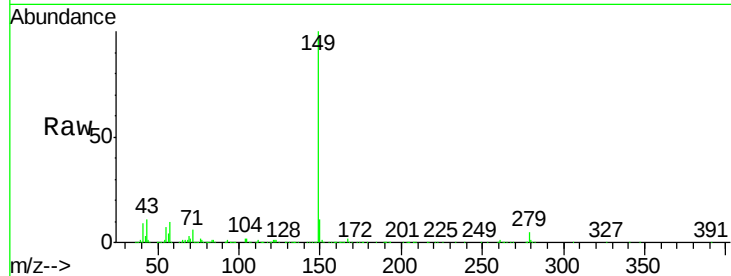
ClientSampleId :

PB118804BS

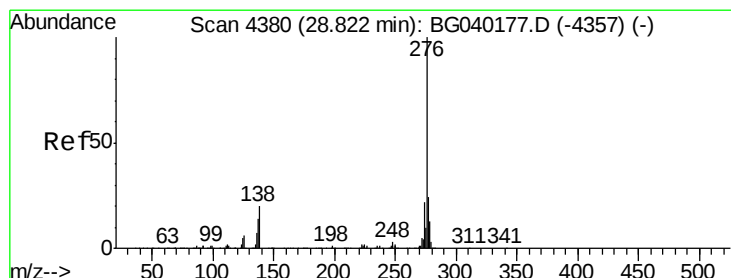
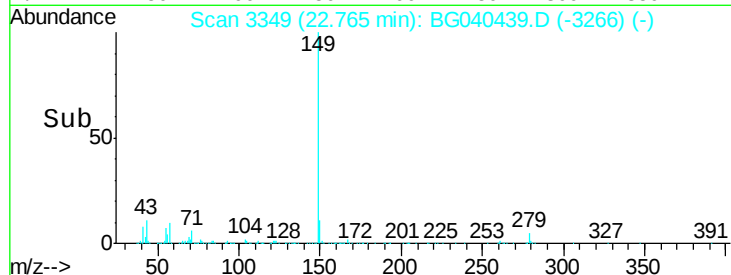
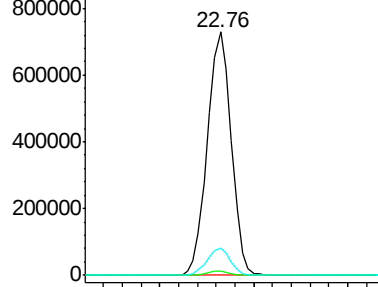
Tgt Ion:	149	Resp:	1287950
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.0
43	11.0	8.7	13.1

Manual Integrations
APPROVED

Sohil
4/15/2019 12:22:59 AM



Abundance Ion 149.00 (148.70 to 149.70): E
1000000
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: 40.077 ng

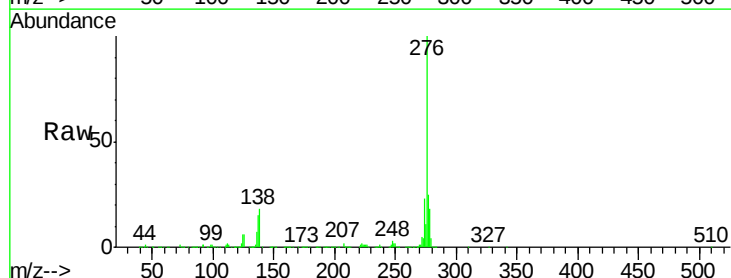
RT: 28.74 min Scan# 4366

Delta R.T. -0.08 min

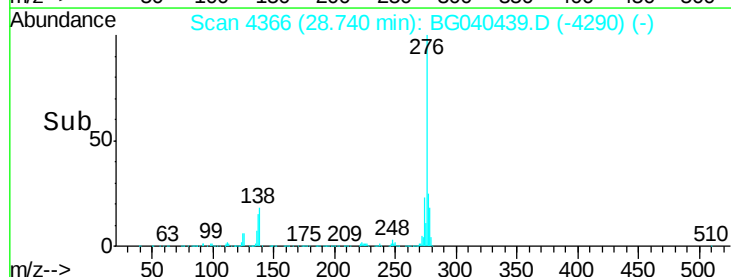
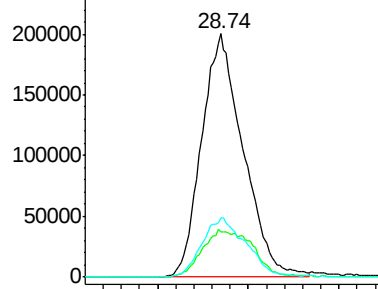
Lab File: BG040439.D

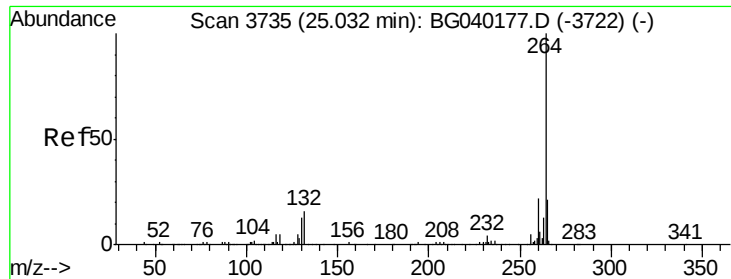
Acq: 11 Apr 2019 13:28

Tgt Ion:	276	Resp:	1274939
Ion Ratio	Lower	Upper	
276	100		
138	23.4	18.8	28.2
277	25.9	21.0	31.4



Abundance Ion 276.00 (275.70 to 276.70): E
250000
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





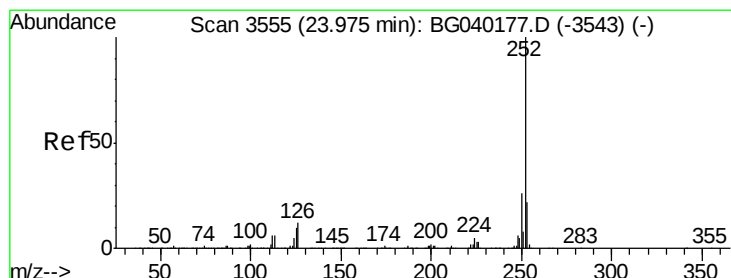
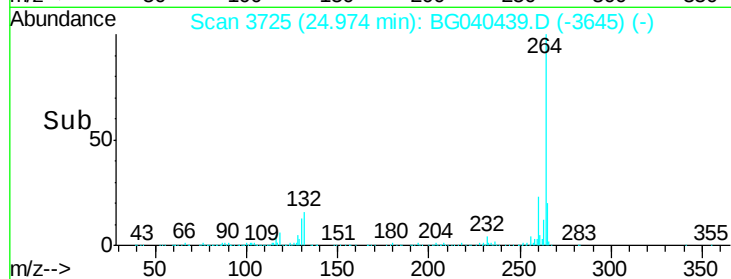
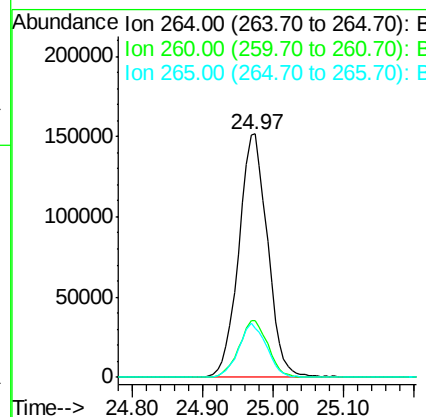
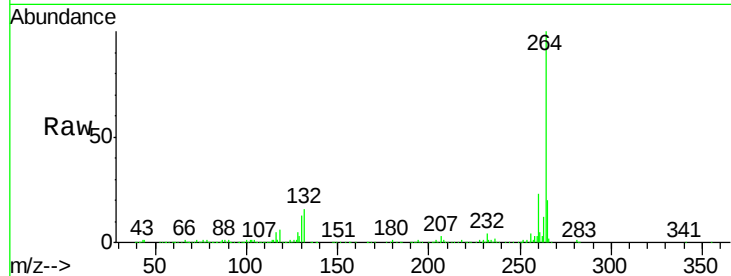
#87
Perylene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3725
Delta R.T. -0.06 min
Lab File: BG040439.D
Acq: 11 Apr 2019 13:28

Instrument :
BNA_G
ClientSampleId :
PB118804BS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.9	26.9
265	20.4	16.8	25.2

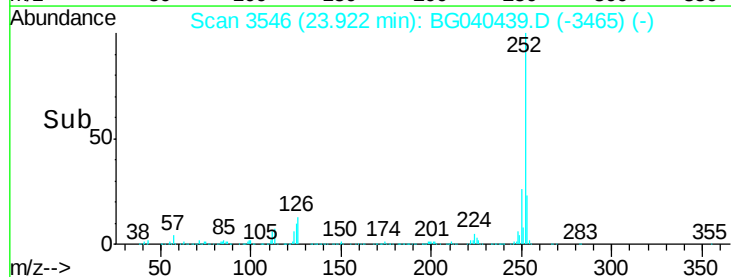
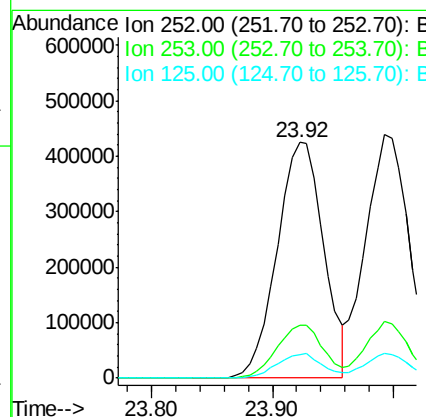
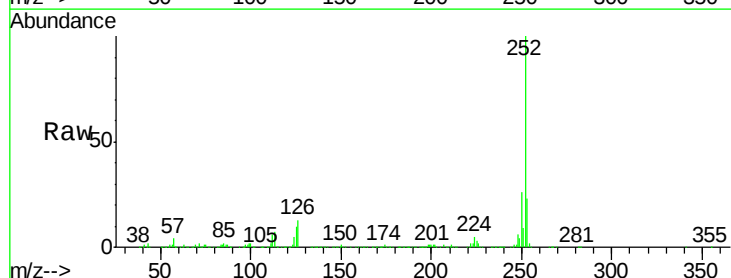
Manual Integrations
APPROVED

Sohil
4/15/2019 12:22:59 AM



#88
Benzo(b)fluoranthene
Concen: 42.903 ng
RT: 23.92 min Scan# 3546
Delta R.T. -0.05 min
Lab File: BG040439.D
Acq: 11 Apr 2019 13:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.6	26.4
125	9.8	8.2	12.4





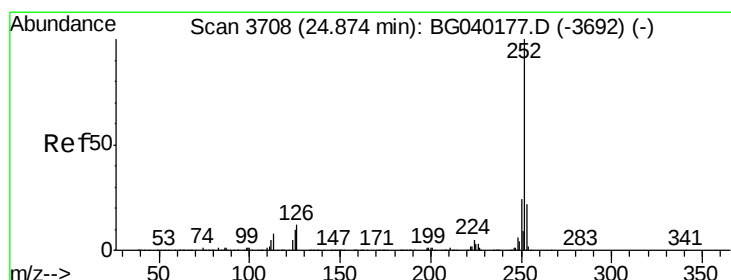
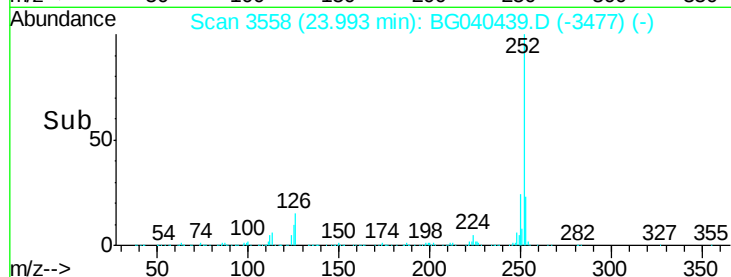
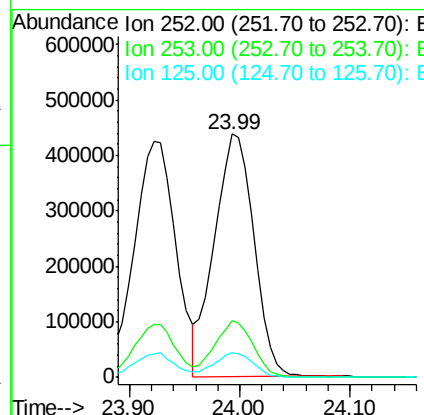
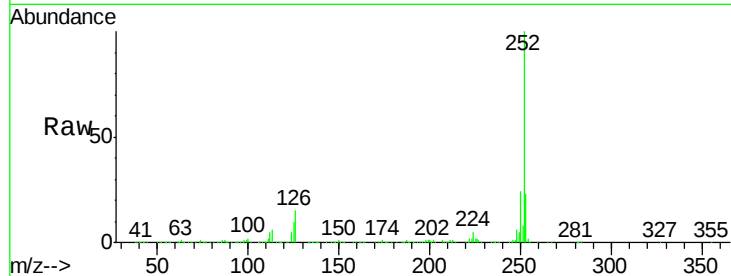
#89
Benzo(k)fluoranthene
Concen: 44.906 ng
RT: 23.99 min Scan# 3558
Delta R.T. -0.05 min
Lab File: BG040439.D
Acq: 11 Apr 2019 13:28

Instrument :
BNA_G
ClientSampleId :
PB118804BS

Tgt Ion:252 Resp: 1089717
Ion Ratio Lower Upper
252 100
253 23.1 18.6 28.0
125 10.4 7.3 10.9

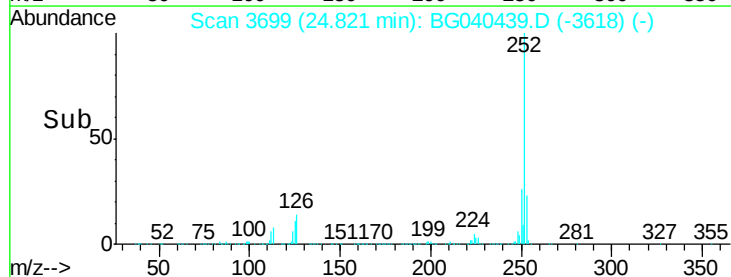
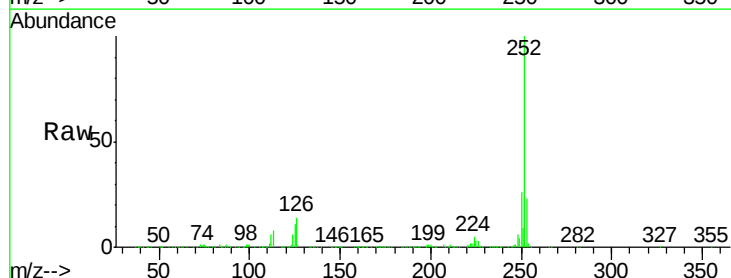
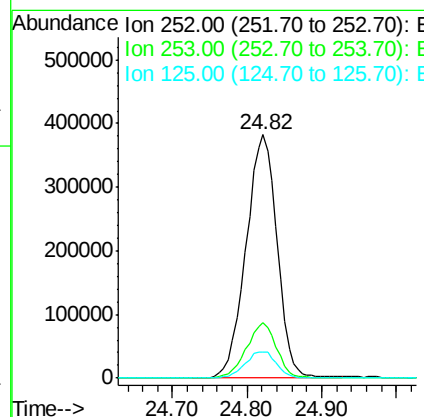
Manual Integrations
APPROVED

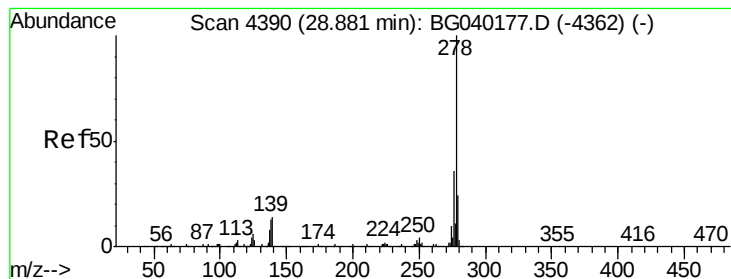
Sohil
4/15/2019 12:22:59 AM



#90
Benzo(a)pyrene
Concen: 44.736 ng
RT: 24.82 min Scan# 3699
Delta R.T. -0.05 min
Lab File: BG040439.D
Acq: 11 Apr 2019 13:28

Tgt Ion:252 Resp: 1107608
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 10.9 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 45.305 ng

RT: 28.80 min Scan# 4376

Delta R.T. -0.08 min

Lab File: BG040439.D

Acq: 11 Apr 2019 13:28

Instrument :

BNA_G

ClientSampleId :

PB118804BS

Tgt Ion:278 Resp: 1041778

Ion Ratio Lower Upper

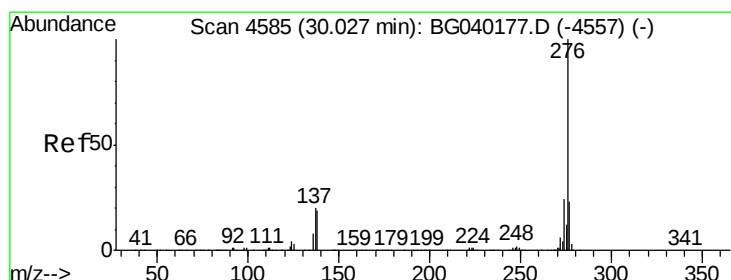
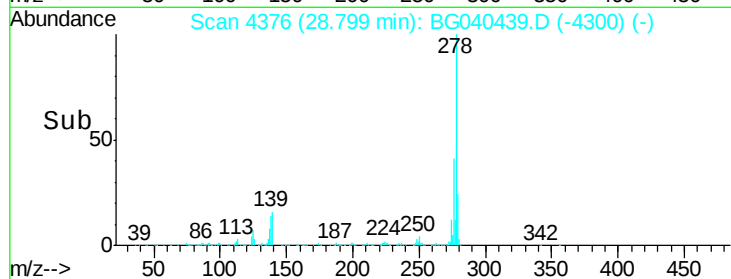
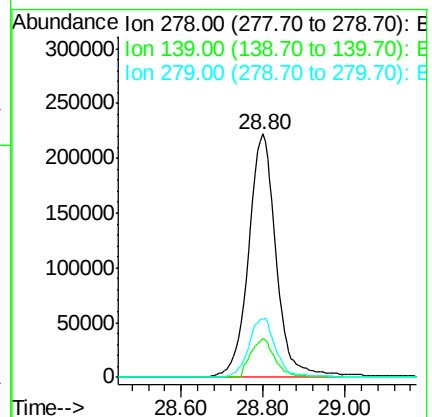
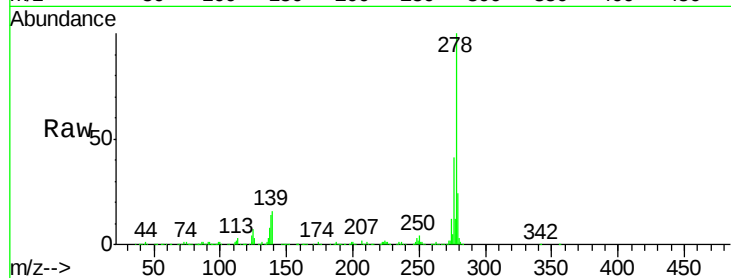
278 100

139 15.7 11.2 16.8

279 23.9 18.9 28.3

Manual Integrations
APPROVED

Sohil
4/15/2019 12:22:59 AM



#92

Benzo(g,h,i)perylene

Concen: 44.993 ng

RT: 29.93 min Scan# 4568

Delta R.T. -0.10 min

Lab File: BG040439.D

Acq: 11 Apr 2019 13:28

Tgt Ion:276 Resp: 1063267

Ion Ratio Lower Upper

276 100

277 23.3 18.6 28.0

138 20.8 15.2 22.8

