

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
 Data File : BG047597.D
 Acq On : 5 Dec 2020 9:08
 Operator : CG/JU
 Sample : L4864-11
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0BD7

Quant Time: Dec 07 04:22:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 05 00:50:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	65	20.00	ng/ul	0.02
18) Naphthalene-d8	11.08	136	124551	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.87	164	98902	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.60	188	258357	20.00	ng/ul	-0.02
78) Chrysene-d12	21.88	240	253220	20.00	ng/ul	-0.02
86) Perylene-d12	25.26	264	263182	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	2460	1375.82	ng/uL	-0.03
5) Phenol-d5	7.44	99	134	20.56	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	7.56	67	29106	7828.54	ng/ul	-0.03
9) 2-Chlorophenol-d4	7.78	132	44245	10120.07	ng/ul	-0.02
13) 4-Methylphenol-d8	8.99	113	91	18.17	ng/ul	0.03
19) Nitrobenzene-d5	9.41	128	22620	21.99	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.15	143	26661	23.75	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.68	165	52802	20.54	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.20	131	62569	24.07	ng/ul	-0.02
44) Dimethylphthalate-d6	14.25	166	196763	23.17	ng/ul	-0.02
47) Acenaphthylene-d8	14.56	160	220254	22.45	ng/ul	-0.02
52) 4-Nitrophenol-d4	15.03	143	27134	20.95	ng/ul	0.00
58) Fluorene-d10	15.85	176	173119	22.26	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.95	200	34133	23.21	ng/ul	-0.02
71) Anthracene-d10	17.70	188	296225	23.11	ng/ul	-0.02
79) Pyrene-d10	19.97	212	343045	23.28	ng/ul	-0.01
90) Benzo(a)pyrene-d12	25.03	264	344520	22.74	ng/ul	-0.03

Target Compounds

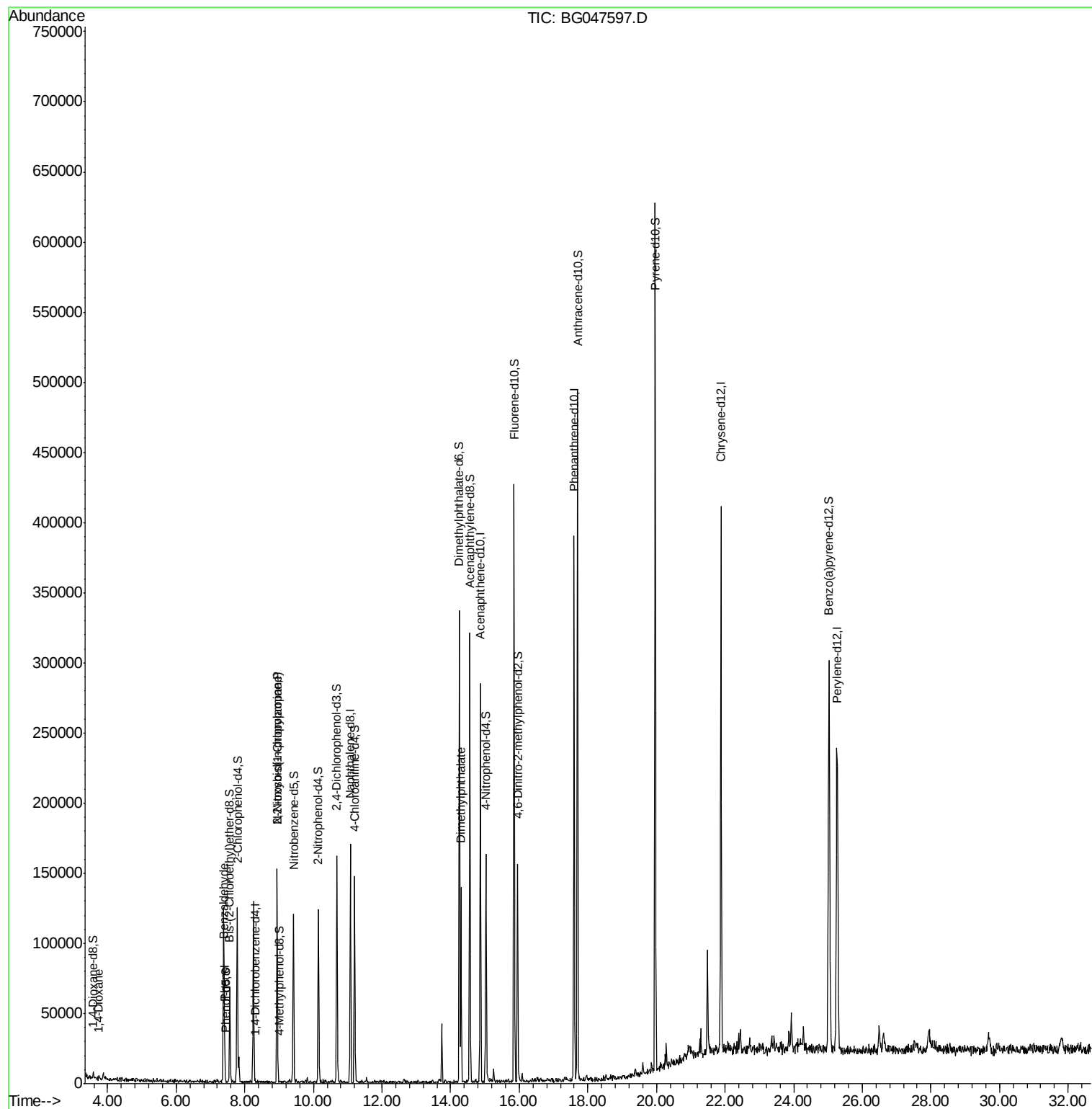
					Ovalue	
2) 1,4-Dioxane	3.74	88	133	72.082	ng/uL#	38
4) Benzaldehyde	7.40	77	81	21.037	ng/ul#	7
6) Phenol	7.42	94	5655	905.485	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.94	45	682	140.648	ng/ul#	61
15) N-Nitroso-di-n-propylamine	8.94	70	1332	286.157	ng/ul#	1
45) Dimethylphthalate	14.30	163	76492	8.832	ng/ul#	94

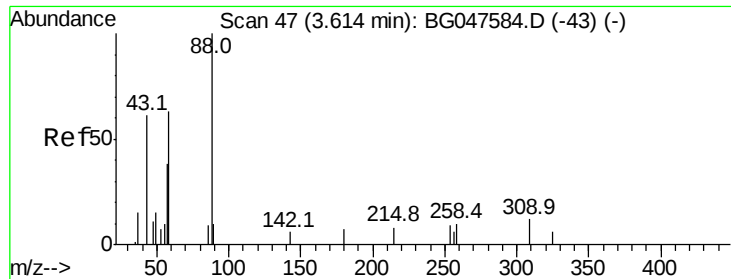
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 72.082 ng/uL

RT: 3.74 min Scan# 68

Delta R.T. 0.08 min

Lab File: BG047597.D

Acq: 5 Dec 2020 9:08

Instrument :

BNA_G

ClientSampleId :

C0BD7

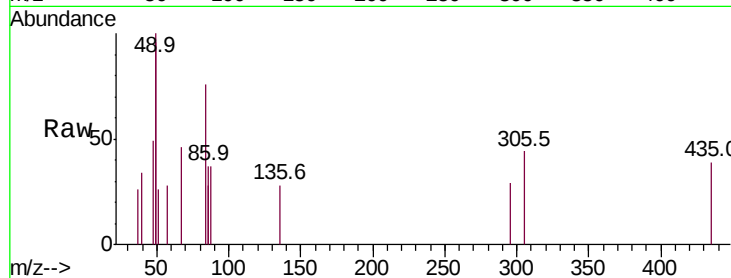
Tot Ion: 88 Resp: 133

Ion Ratio Lower Upper

88 100

43 0.0 10.4 15.6#

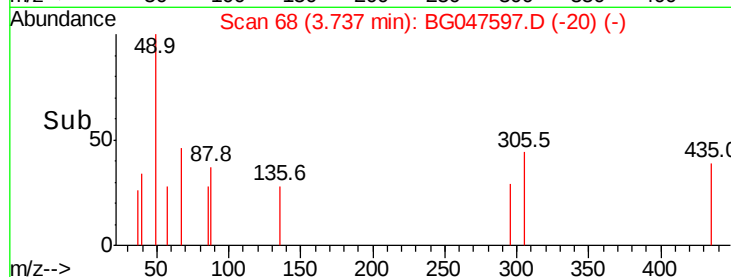
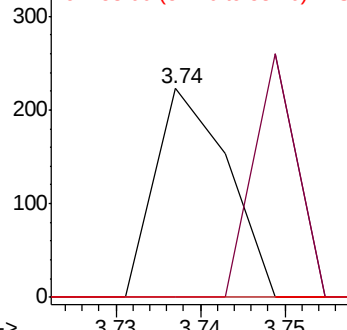
58 0.0 37.8 56.8#



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

Ion 58.00 (57.70 to 58.70): BGC



#4

Benzaldehyde

Concen: 21.037 ng/uL

RT: 7.40 min Scan# 692

Delta R.T. 0.00 min

Lab File: BG047597.D

Acq: 5 Dec 2020 9:08

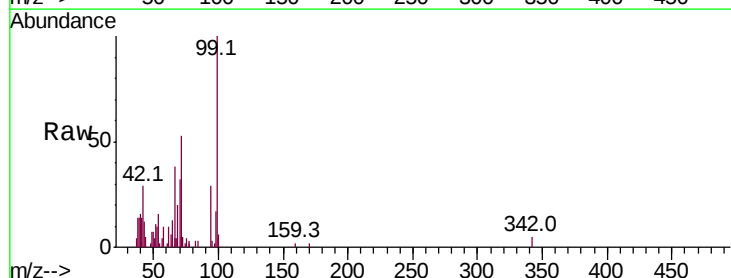
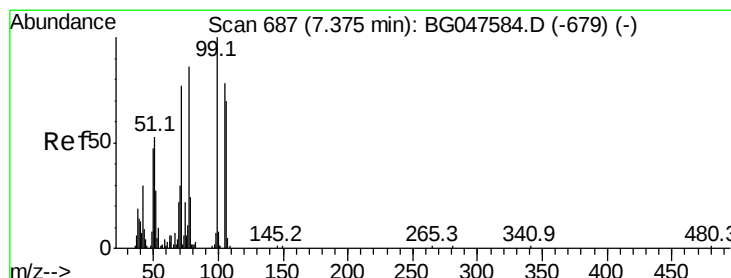
Tgt Ion: 77 Resp: 81

Ion Ratio Lower Upper

77 100

105 0.0 67.8 101.8#

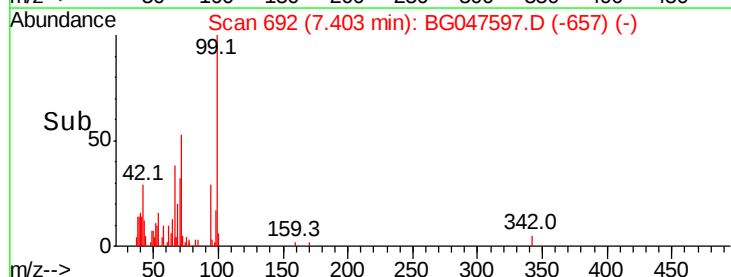
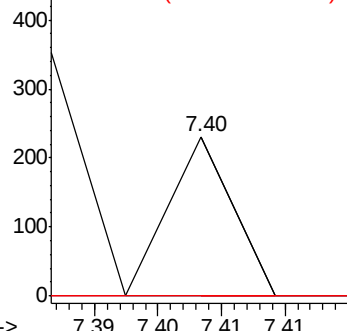
106 0.0 68.5 102.7#

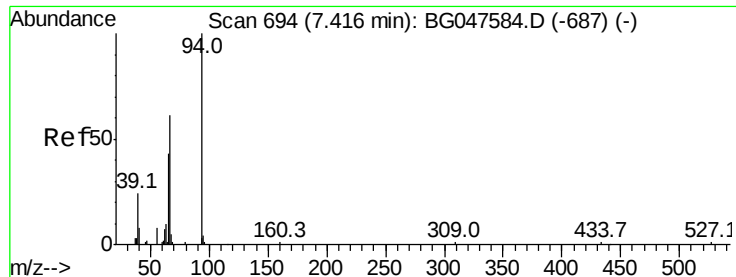


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC





#6

Phenol

Concen: 905.485 ng/ul

RT: 7.42 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG047597.D

Acq: 5 Dec 2020 9:08

Instrument :

BNA_G

ClientSampleId :

C0BD7

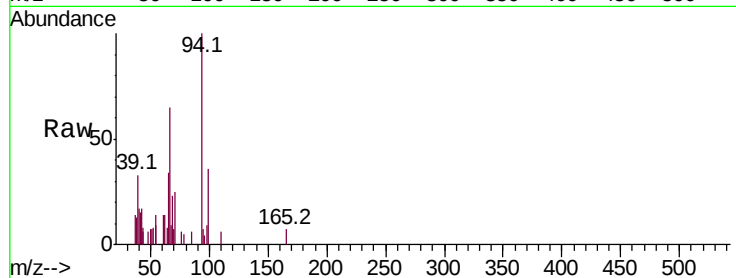
Tot Ion: 94 Resp: 5655

Ion Ratio Lower Upper

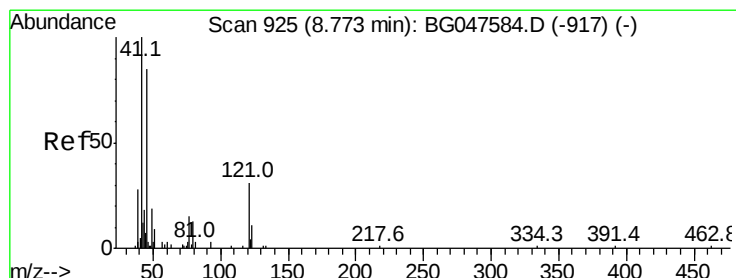
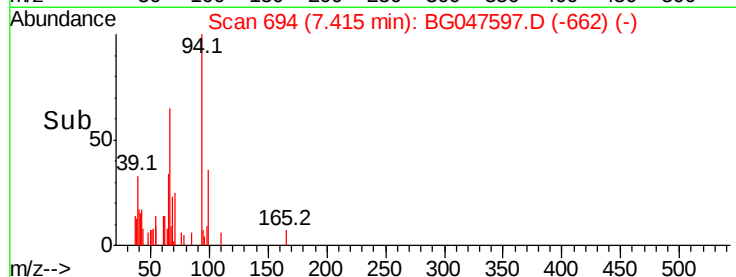
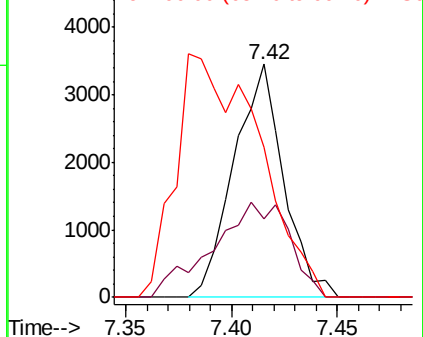
94 100

65 33.6 31.2 46.8

66 64.6 52.2 78.2



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



#12

2,2'-oxybis(1-Chloropropane)

Concen: 140.648 ng/ul

RT: 8.94 min Scan# 953

Delta R.T. 0.13 min

Lab File: BG047597.D

Acq: 5 Dec 2020 9:08

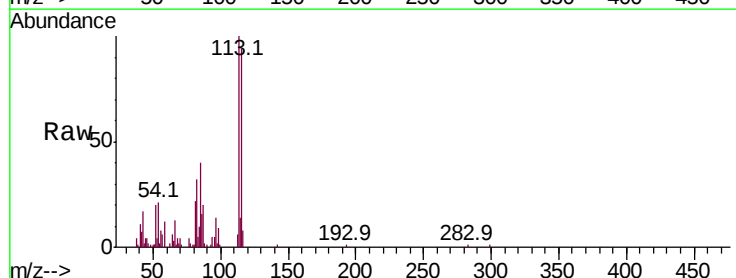
Tgt Ion: 45 Resp: 682

Ion Ratio Lower Upper

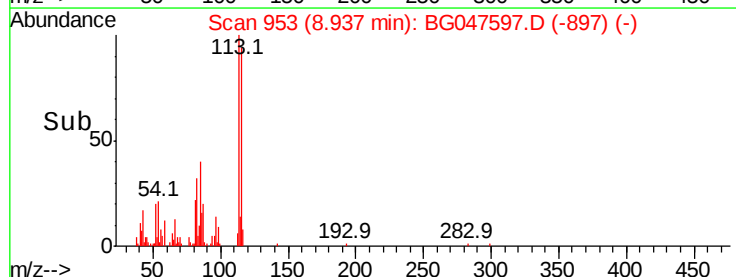
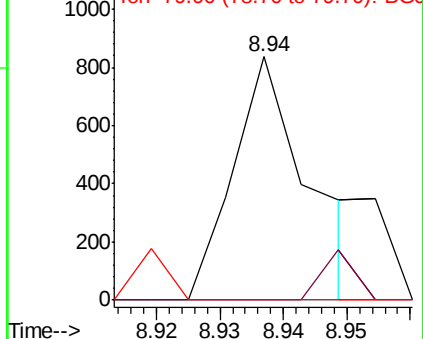
45 100

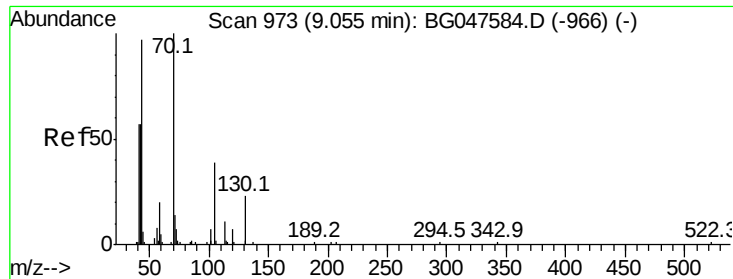
77 0.0 13.3 19.9#

79 0.0 13.4 20.2#



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#15

N-Nitroso-di-n-propylamine

Concen: 286.157 ng/ul

RT: 8.94 min Scan# 953

Delta R.T. -0.14 min

Lab File: BG047597.D

Acq: 5 Dec 2020 9:08

Instrument :

BNA_G

ClientSampleId :

C0BD7

Tot Ion: 70 Resp: 1332

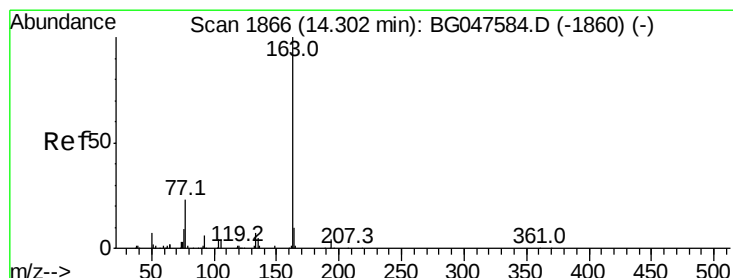
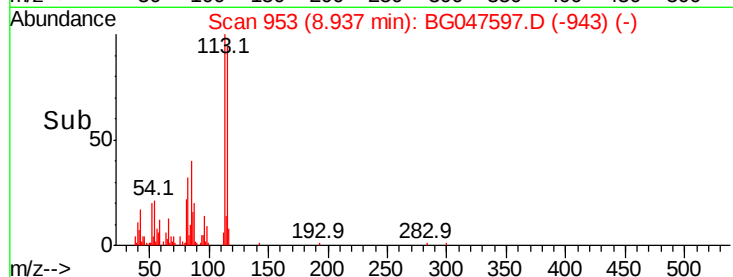
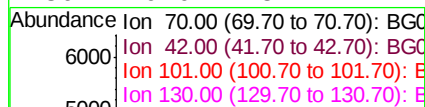
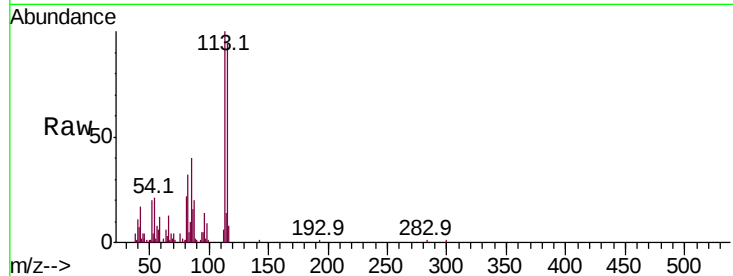
Ion Ratio Lower Upper

70 100

42 380.2 44.2 66.2#

101 0.0 9.0 13.6#

130 0.0 15.1 22.7#



#45

Dimethylphthalate

Concen: 8.832 ng/ul

RT: 14.30 min Scan# 1866

Delta R.T. -0.02 min

Lab File: BG047597.D

Acq: 5 Dec 2020 9:08

Tgt Ion: 163 Resp: 76492

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

164 7.9 8.8 13.2#

