

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021921\
 Data File : BG048246.D
 Acq On : 20 Feb 2021 21:26
 Operator : CG/JU
 Sample : M1412-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBGX5

Quant Time: Feb 21 02:03:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Feb 21 00:59:07 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	45738	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	180944	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.75	164	123777	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.49	188	281502	20.00	ng/ul	0.00
78) Chrysene-d12	21.78	240	282699	20.00	ng/ul	0.01
86) Perylene-d12	25.08	264	278728	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	3290	3.00	ng/uL	0.01
5) Phenol-d5	7.32	99	72440	18.80	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.44	67	46324	20.18	ng/ul	0.01
9) 2-Chlorophenol-d4	7.66	132	54410	20.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	45510	15.05	ng/ul	0.03
19) Nitrobenzene-d5	9.30	128	26500	19.61	ng/ul	0.01
22) 2-Nitrophenol-d4	10.02	143	33779	20.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.58	165	60101	18.77	ng/ul	0.02
29) 4-Chloroaniline-d4	11.09	131	43936	13.89	ng/ul	0.02
44) Dimethylphthalate-d6	14.15	166	193262	21.08	ng/ul	0.00
47) Acenaphthylene-d8	14.44	160	234613	20.93	ng/ul	0.00
52) 4-Nitrophenol-d4	15.02	143	16939	10.87	ng/ul	0.04
58) Fluorene-d10	15.74	176	166923	20.41	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.87	200	25252	14.63	ng/ul	0.02
71) Anthracene-d10	17.59	188	250676	20.77	ng/ul	0.01
79) Pyrene-d10	19.87	212	298164	21.12	ng/ul	0.01
90) Benzo(a)pyrene-d12	24.85	264	290219	20.41	ng/ul	0.03

Target Compounds

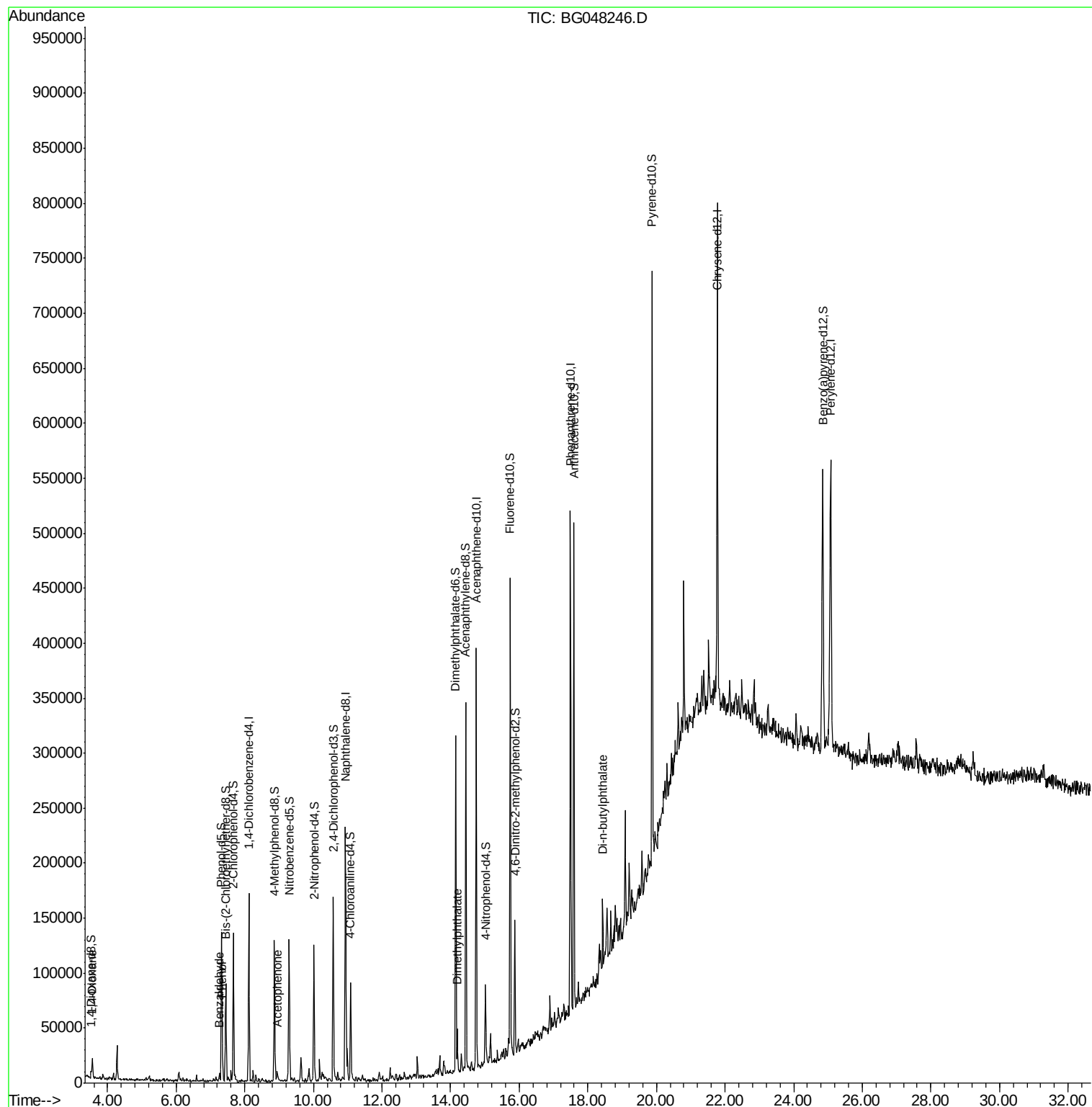
					Ovalue	
2) 1,4-Dioxane	3.55	88	10361	8.223	ng/uL	92
4) Benzaldehyde	7.26	77	2519	1.112	ng/ul#	76
6) Phenol	7.35	94	6244	1.569	ng/ul#	87
14) Acetophenone	8.95	105	5592	1.136	ng/ul	98
45) Dimethylphthalate	14.20	163	21911	2.312	ng/ul#	98
76) Di-n-butylphthalate	18.43	149	23056	1.584	ng/ul#	98

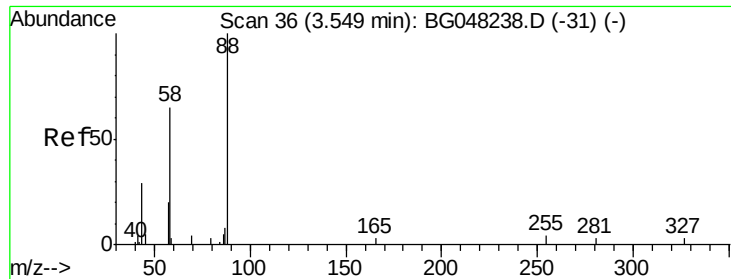
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 8.223 ng/uL

RT: 3.55 min Scan# 36

Delta R.T. 0.01 min

Lab File: BG048246.D

Acq: 20 Feb 2021 21:26

Instrument :

BNA_G

ClientSampleId :

DBGX5

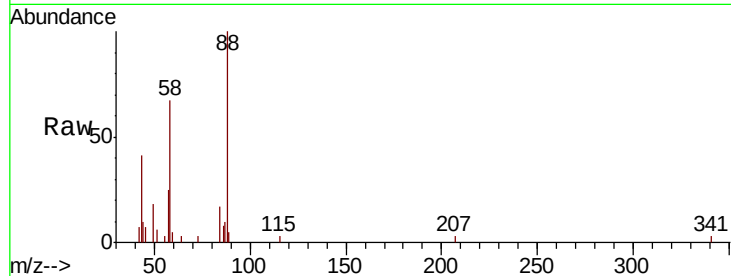
Tot Ion: 88 Resp: 10361

Ion Ratio Lower Upper

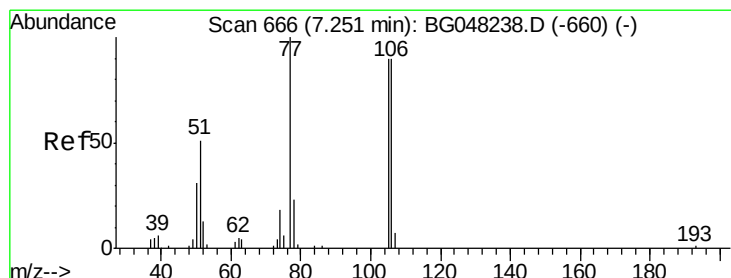
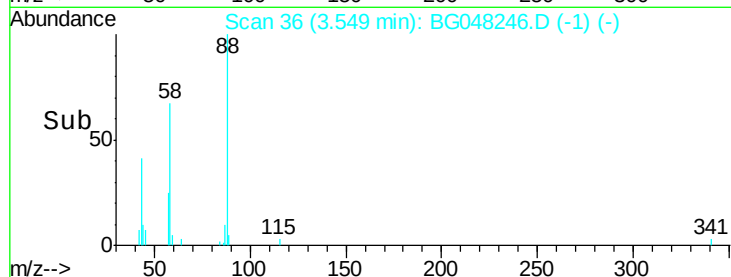
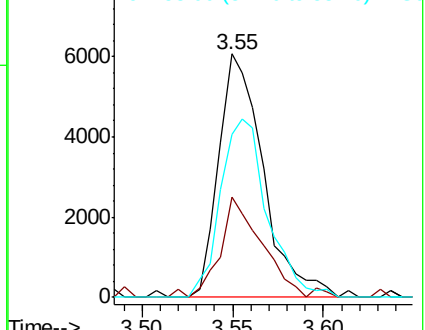
88 100

43 41.0 27.5 41.3

58 66.9 58.1 87.1



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: 1.112 ng/uL

RT: 7.26 min Scan# 668

Delta R.T. 0.01 min

Lab File: BG048246.D

Acq: 20 Feb 2021 21:26

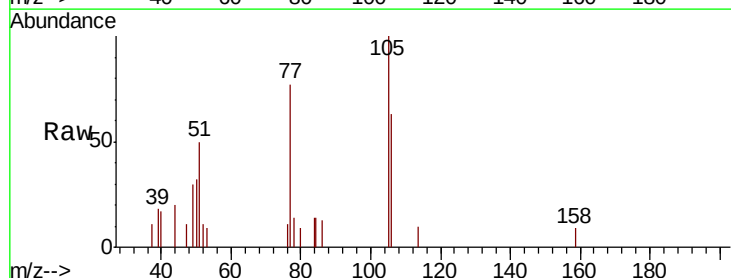
Tgt Ion: 77 Resp: 2519

Ion Ratio Lower Upper

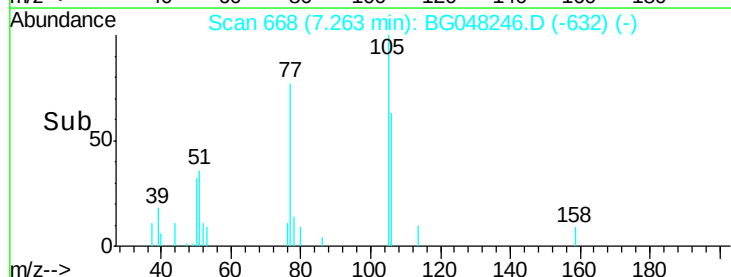
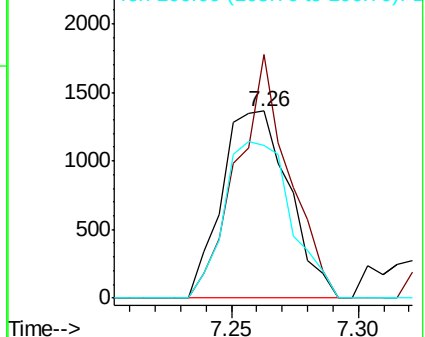
77 100

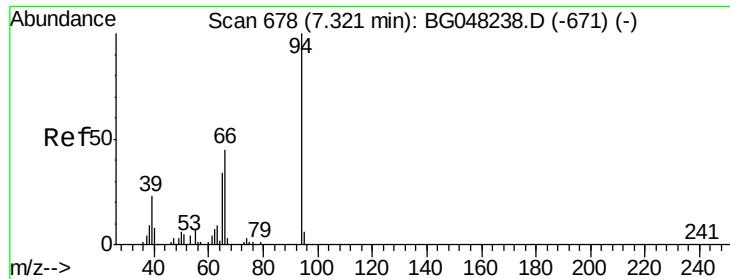
105 130.4 70.6 105.8#

106 81.9 64.4 96.6



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: 1.569 ng/ul

RT: 7.35 min Scan# 683

Delta R.T. 0.02 min

Lab File: BG048246.D

Acq: 20 Feb 2021 21:26

Instrument :

BNA_G

ClientSampled :

DBGX5

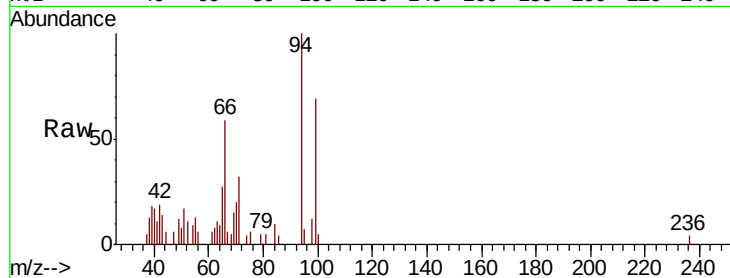
Tot Ion: 94 Resp: 6244

Ion Ratio Lower Upper

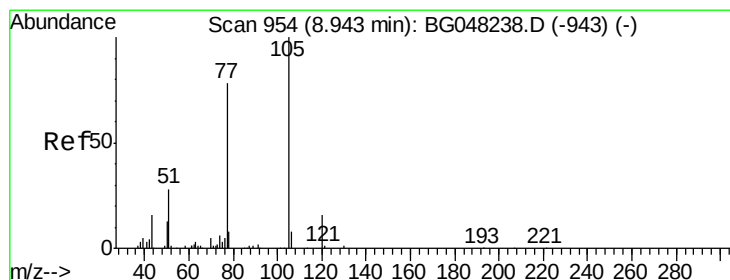
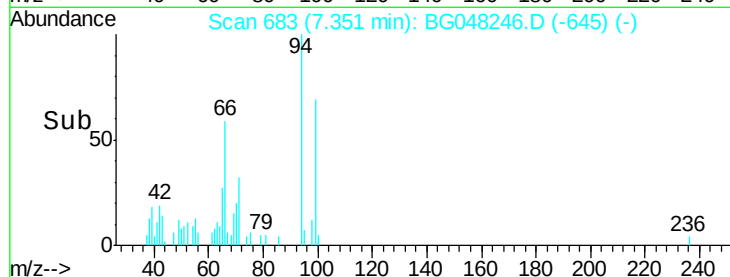
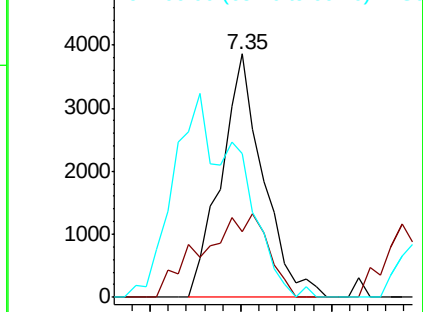
94 100

65 26.8 27.1 40.7#

66 58.9 40.1 60.1



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



#14

Acetophenone

Concen: 1.136 ng/ul

RT: 8.95 min Scan# 955

Delta R.T. 0.01 min

Lab File: BG048246.D

Acq: 20 Feb 2021 21:26

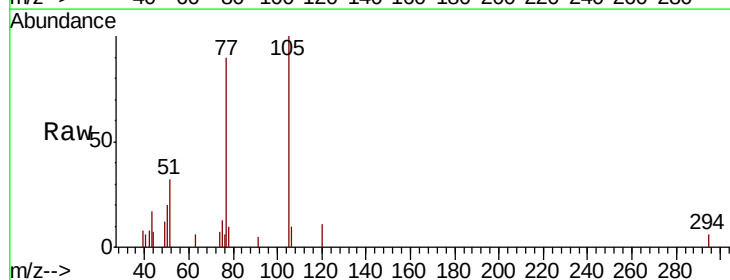
Tgt Ion: 105 Resp: 5592

Ion Ratio Lower Upper

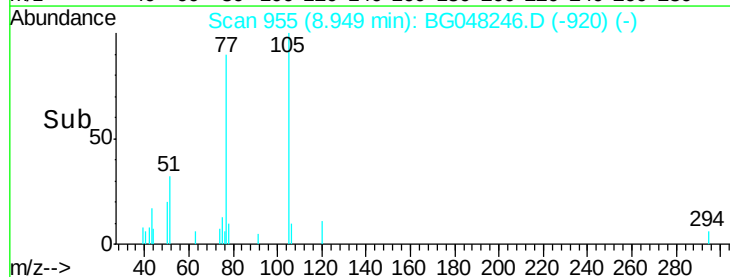
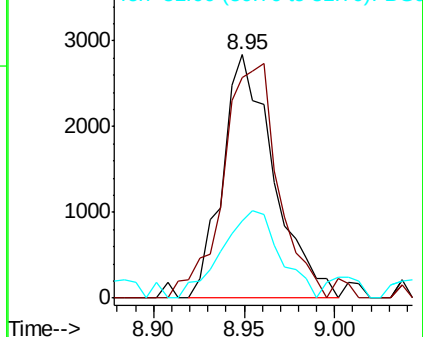
105 100

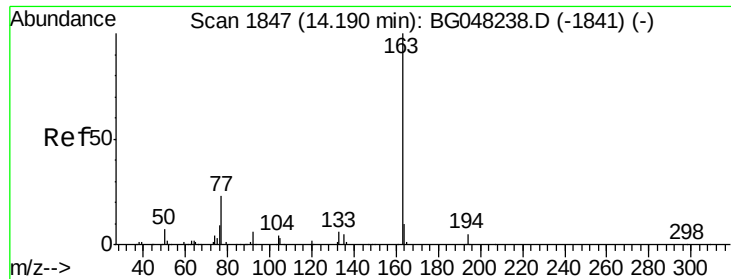
77 90.4 70.9 106.3

51 31.6 26.4 39.6



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





#45

Dimethylphthalate

Concen: 2.312 ng/ul

RT: 14.20 min Scan# 1848

Delta R.T. 0.01 min

Lab File: BG048246.D

Acq: 20 Feb 2021 21:26

Instrument :

BNA_G

ClientSampleId :

DBGX5

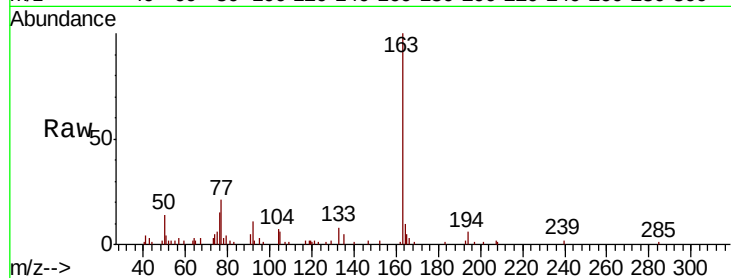
Tot Ion:163 Resp: 21911

Ion Ratio Lower Upper

163 100

194 6.3 3.3 4.9#

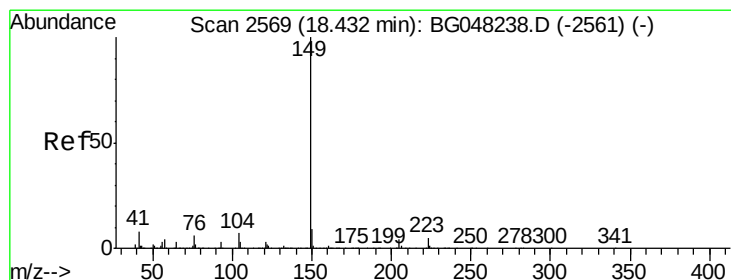
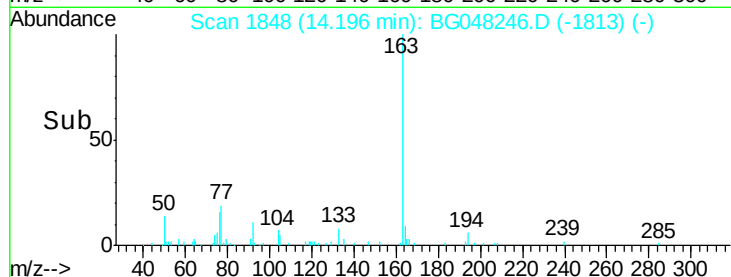
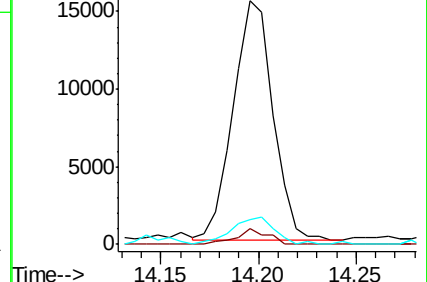
164 10.1 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#76

Di-n-butylphthalate

Concen: 1.584 ng/ul

RT: 18.43 min Scan# 2569

Delta R.T. 0.00 min

Lab File: BG048246.D

Acq: 20 Feb 2021 21:26

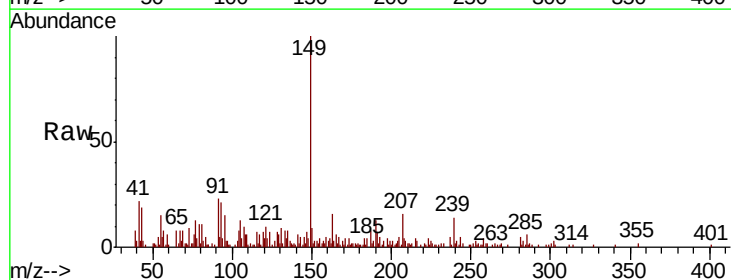
Tgt Ion:149 Resp: 23056

Ion Ratio Lower Upper

149 100

150 9.2 7.0 10.6

104 7.8 5.0 7.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

