

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
 Data File : BG048277.D
 Acq On : 22 Feb 2021 20:46
 Operator : CG/JU
 Sample : M1429-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBGR9

Quant Time: Feb 23 04:41:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 22 11:08:29 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	43540	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	163369	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.75	164	116514	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.50	188	250167	20.00	ng/ul	0.01
78) Chrysene-d12	21.79	240	258615	20.00	ng/ul	0.02
86) Perylene-d12	25.11	264	251961	20.00	ng/ul	0.05

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	3579	3.42	ng/uL	0.02
5) Phenol-d5	7.35	99	30453	8.30	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	7.44	67	62573	28.64	ng/ul	0.01
9) 2-Chlorophenol-d4	7.67	132	70700	27.46	ng/ul	0.02
13) 4-Methylphenol-d8	8.88	113	53608	18.63	ng/ul	0.03
19) Nitrobenzene-d5	9.30	128	38867	31.85	ng/ul	0.02
22) 2-Nitrophenol-d4	10.02	143	49101	33.26	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.59	165	89885	31.09	ng/ul	0.02
29) 4-Chloroaniline-d4	11.09	131	72	0.03	ng/ul	0.01
44) Dimethylphthalate-d6	14.16	166	270855	31.38	ng/ul	0.02
47) Acenaphthylene-d8	14.46	160	338724	32.11	ng/ul	0.02
52) 4-Nitrophenol-d4	15.04	143	19497	13.30	ng/ul	0.04
58) Fluorene-d10	15.74	176	244006	31.70	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.88	200	46325	30.20	ng/ul	0.01
71) Anthracene-d10	17.60	188	375829	35.04	ng/ul	0.01
79) Pyrene-d10	19.88	212	429700	33.27	ng/ul	0.02
90) Benzo(a)pyrene-d12	24.89	264	433988	33.76	ng/ul	0.05

Target Compounds

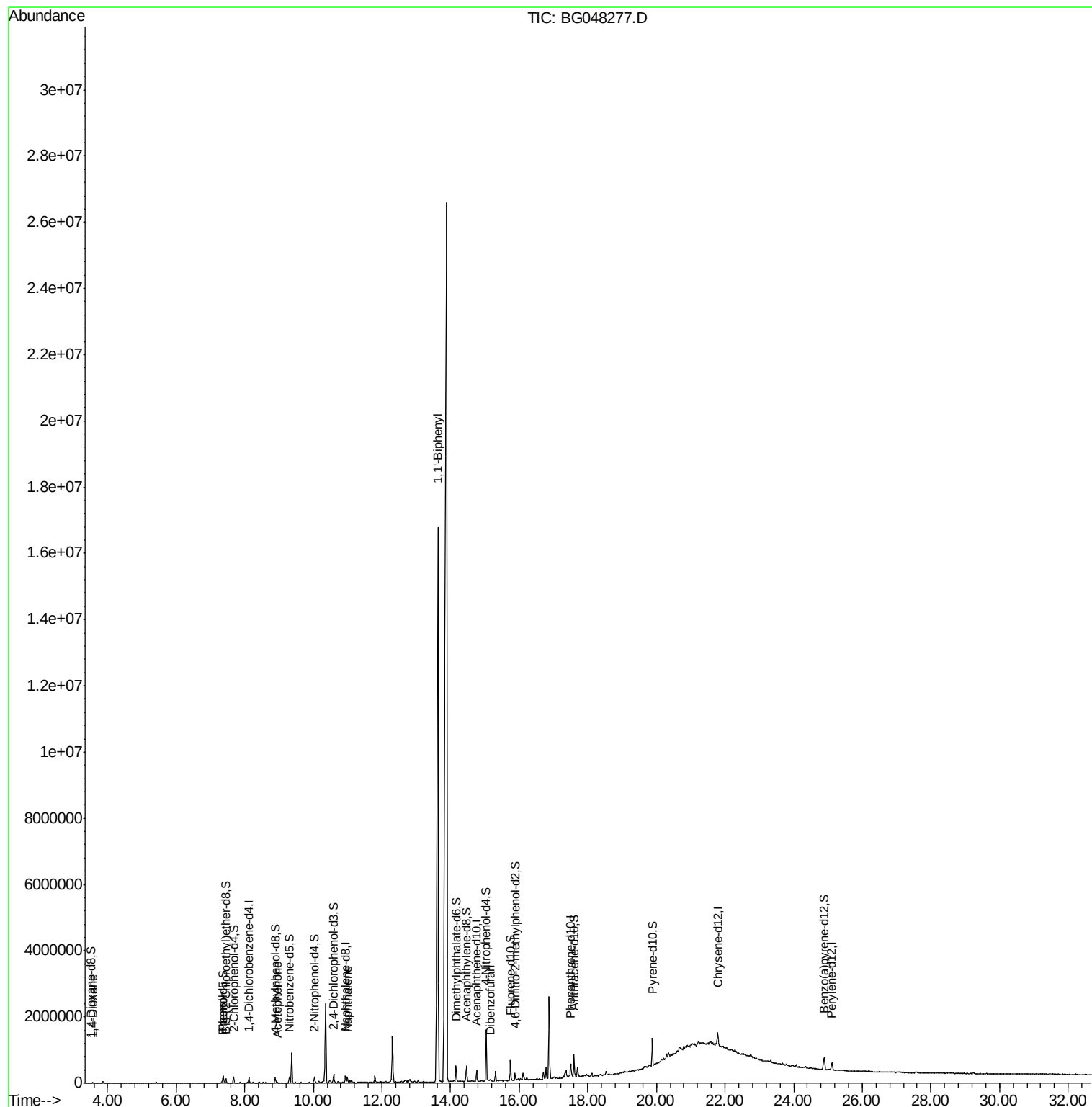
				Ovalue	
2) 1,4-Dioxane	3.56	88	3207	2.674	ng/uL# 57
6) Phenol	7.37	94	116832	30.846	ng/ul 94
14) Acetophenone	8.96	105	5318	1.135	ng/ul 92
28) Naphthalene	10.99	128	120083	14.573	ng/ul 98
41) 1,1'-Biphenyl	13.63	154	7940159	993.427	ng/ul# 26
54) Dibenzofuran	15.15	168	26702	2.584	ng/ul 94

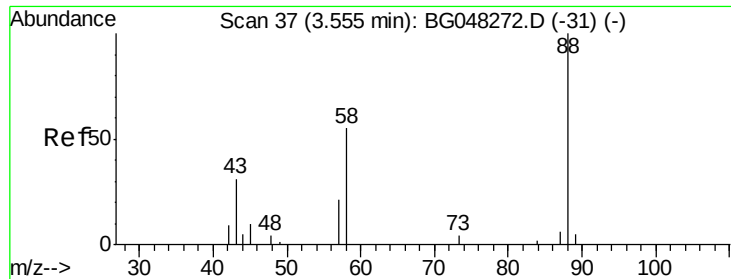
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 2.674 ng/uL

RT: 3.56 min Scan# 38

Delta R.T. 0.01 min

Lab File: BG048277.D

Acq: 22 Feb 2021 20:46

Instrument :

BNA_G

ClientSampleId :

DBG9

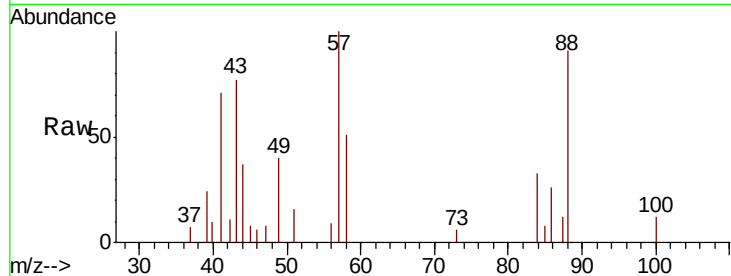
Tot Ion: 88 Resp: 3207

Ion Ratio Lower Upper

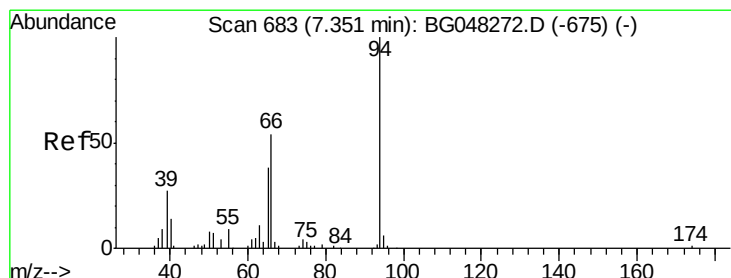
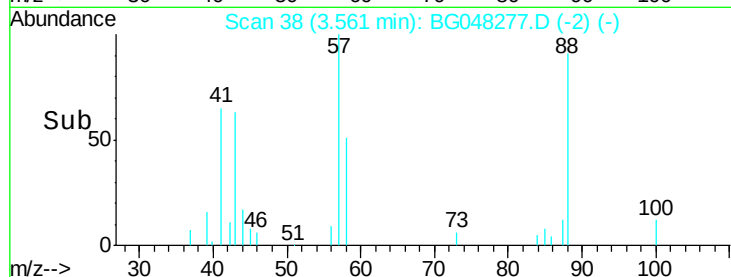
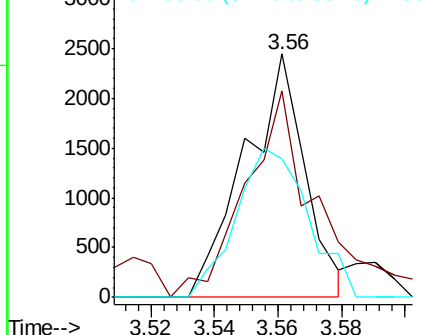
88 100

43 84.8 29.9 44.9#

58 56.8 63.4 95.0#



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



#6

Phenol

Concen: 30.846 ng/uL

RT: 7.37 min Scan# 686

Delta R.T. 0.03 min

Lab File: BG048277.D

Acq: 22 Feb 2021 20:46

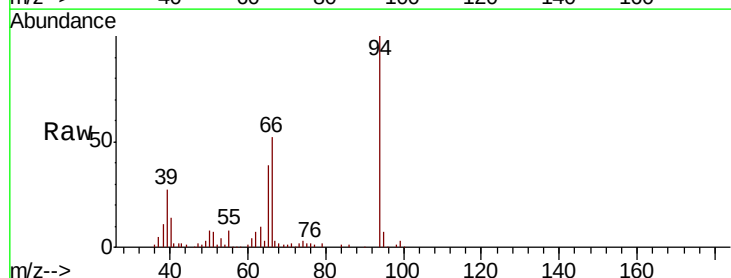
Tgt Ion: 94 Resp: 116832

Ion Ratio Lower Upper

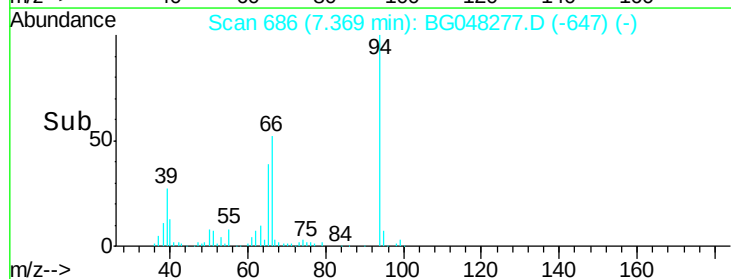
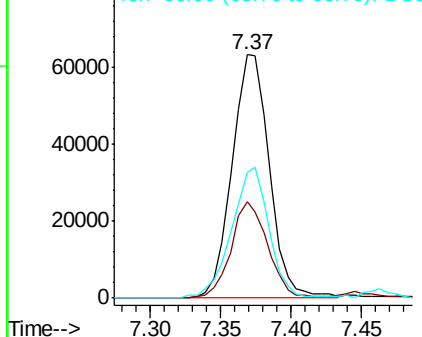
94 100

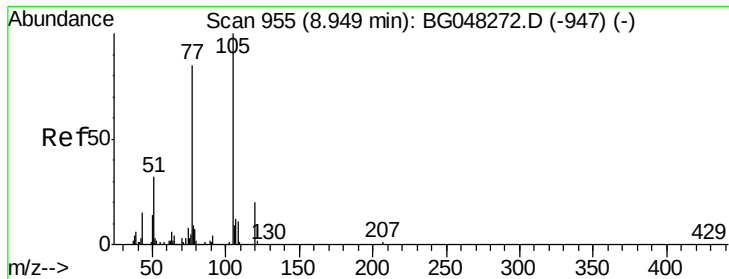
65 39.4 31.0 46.6

66 51.7 46.8 70.2



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





#14

Acetophenone

Concen: 1.135 ng/ul

RT: 8.96 min Scan# 957

Delta R.T. 0.02 min

Lab File: BG048277.D

Acq: 22 Feb 2021 20:46

Instrument :

BNA_G

ClientSampleId :

DBG9

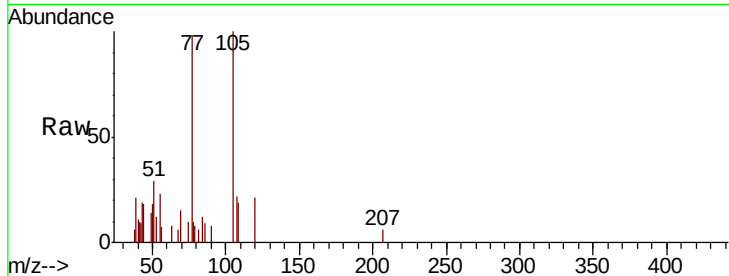
Tot Ion:105 Resp: 5318

Ion Ratio Lower Upper

105 100

77 98.1 70.9 106.3

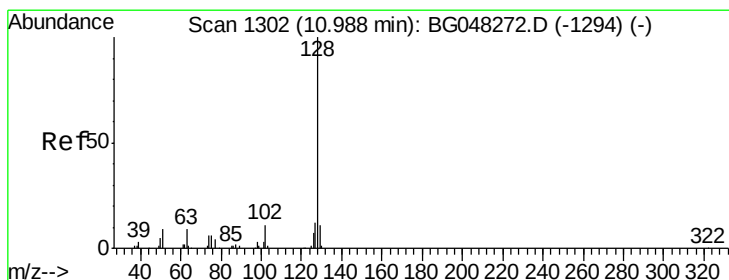
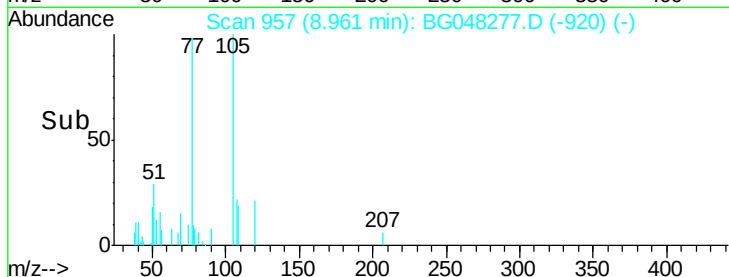
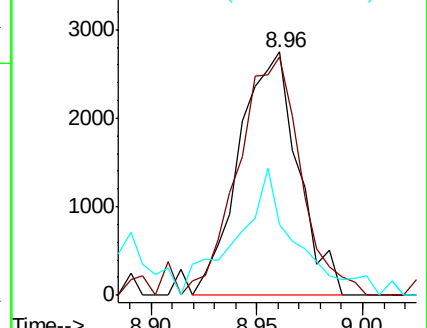
51 28.8 23.4 35.0



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG0

Ion 51.00 (50.70 to 51.70): BG0



#28

Naphthalene

Concen: 14.573 ng/ul

RT: 10.99 min Scan# 1302

Delta R.T. 0.01 min

Lab File: BG048277.D

Acq: 22 Feb 2021 20:46

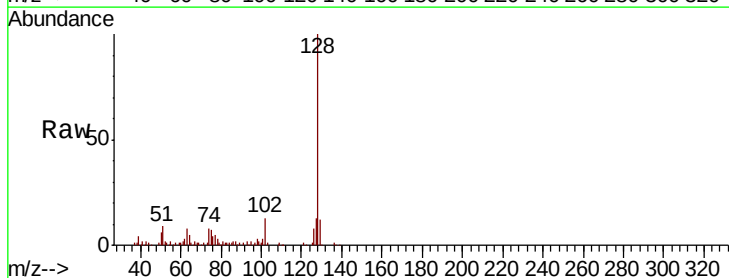
Tgt Ion:128 Resp: 120083

Ion Ratio Lower Upper

128 100

129 11.5 10.4 15.6

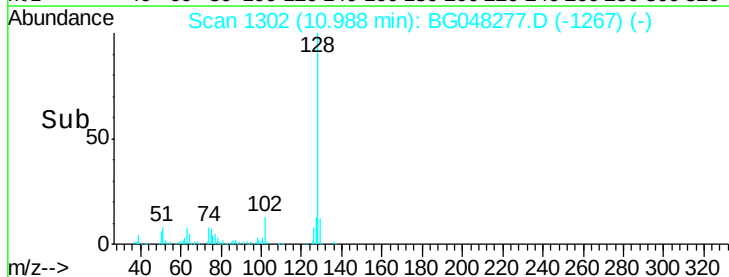
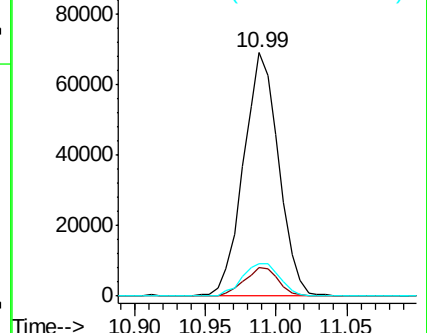
127 13.2 10.2 15.2

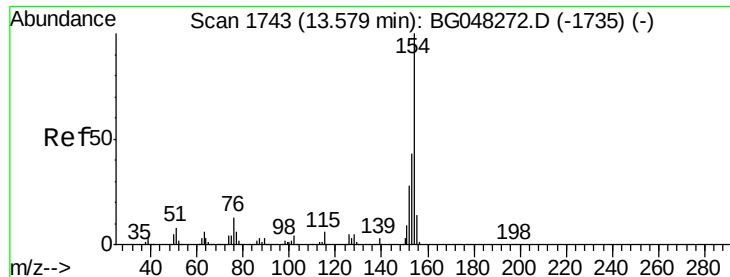


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

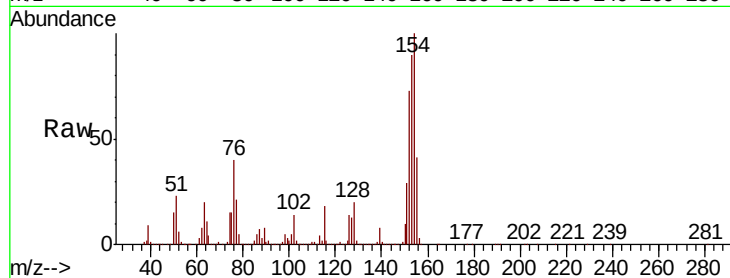




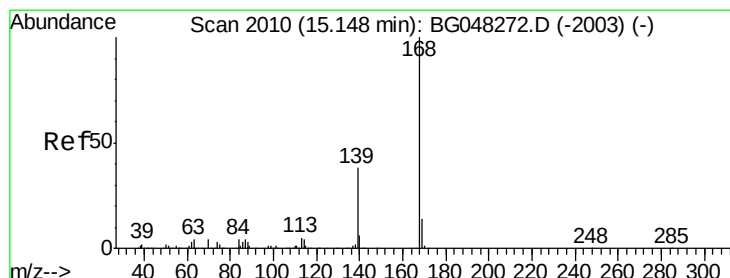
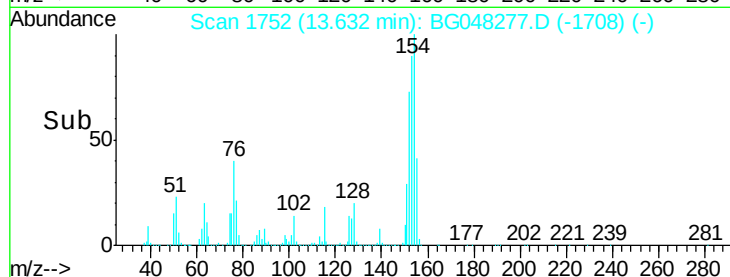
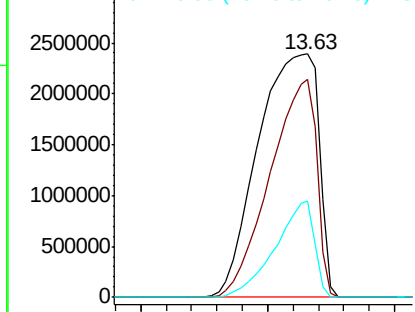
#41
 1,1'-Biphenyl
 Concen: 993.427 ng/ul
 RT: 13.63 min Scan# 1752
 Delta R.T. 0.06 min
 Lab File: BG048277.D
 Acq: 22 Feb 2021 20:46

Instrument :
 BNA_G
 ClientSampleId :
 DBGR9

Tot Ion:154 Resp: 7940159
 Ion Ratio Lower Upper
 154 100
 153 89.6 33.0 49.4#
 76 39.5 10.8 16.2#

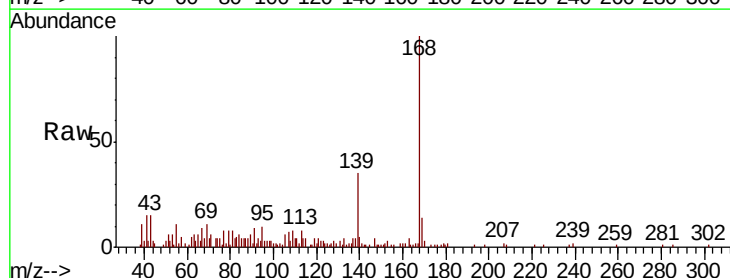


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC



#54
 Dibenzofuran
 Concen: 2.584 ng/ul
 RT: 15.15 min Scan# 2010
 Delta R.T. 0.01 min
 Lab File: BG048277.D
 Acq: 22 Feb 2021 20:46

Tgt Ion:168 Resp: 26702
 Ion Ratio Lower Upper
 168 100
 139 34.6 30.7 46.1



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E

