

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101420\
 Data File : BG046899.D
 Acq On : 14 Oct 2020 19:07
 Operator : CG/JU
 Sample : L4360-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB7W4

Quant Time: Oct 15 00:38:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 13:03:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	60815	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	247328	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	179005	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	446760	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	495476	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	494684	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	7168	5.79	ng/uL	0.00
5) Phenol-d5	7.24	99	37354	7.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	79495	25.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	87711	23.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	66402	16.31	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	55969	30.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	62477	33.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	133670	30.20	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	137063	26.06	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	432327	31.61	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	492076	30.30	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	13649	5.85	ng/ul	0.00
58) Fluorene-d10	15.71	176	385881	30.60	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	43196	19.35	ng/ul	0.00
71) Anthracene-d10	17.56	188	625455	30.51	ng/ul	0.00
79) Pyrene-d10	19.85	212	783739	30.48	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	818557	30.70	ng/ul	0.00

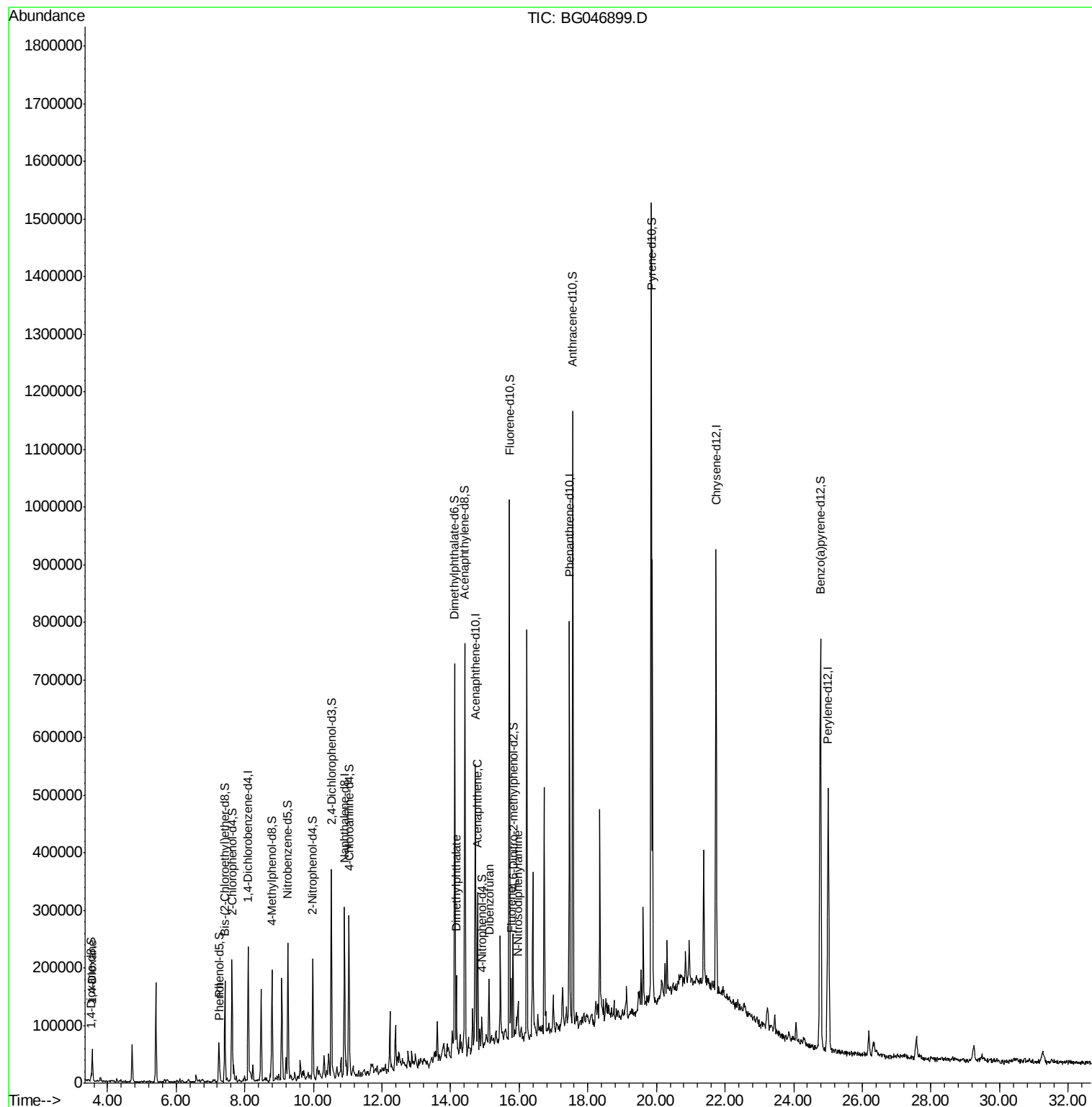
Target Compounds					Ovalue	
2) 1,4-Dioxane	3.56	88	28593	18.003	ng/uL	93
6) Phenol	7.27	94	6187	1.135	ng/ul#	74
45) Dimethylphthalate	14.17	163	84473	6.102	ng/ul#	96
50) Acenaphthene	14.78	153	114766	10.079	ng/ul	94
54) Dibenzofuran	15.12	168	68560	4.098	ng/ul	98
59) Fluorene	15.76	166	46155	3.397	ng/ul	90
65) N-Nitrosodiphenylamine	15.97	169	14135	1.099	ng/ul#	85

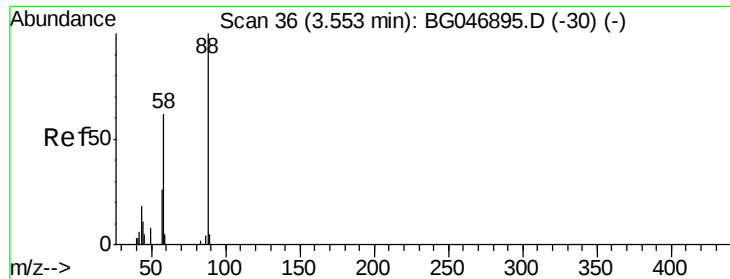
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 18.003 ng/uL

RT: 3.56 min Scan# 37

Delta R.T. 0.00 min

Lab File: BG046899.D

Acq: 14 Oct 2020 19:07

Instrument :

BNA_G

ClientSampleId :

CB7W4

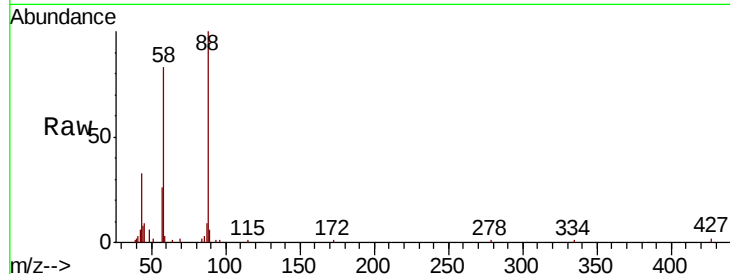
Tot Ion: 88 Resp: 28593

Ion Ratio Lower Upper

88 100

43 33.1 22.3 33.5

58 83.4 62.2 93.2

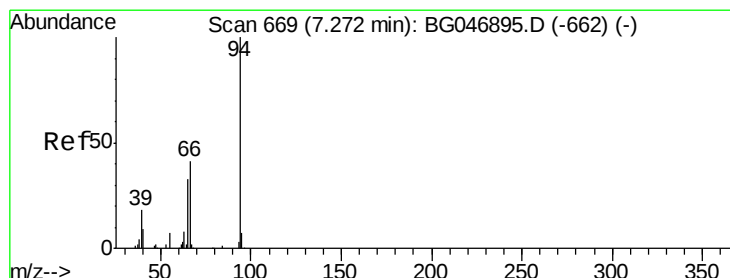
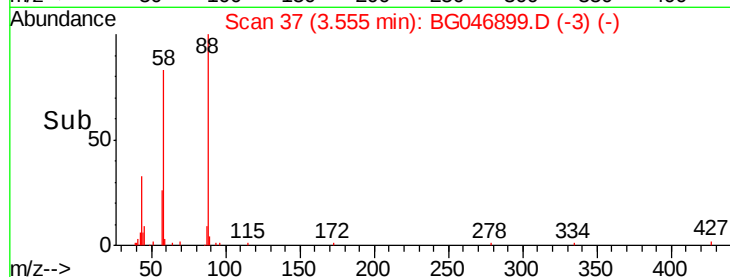
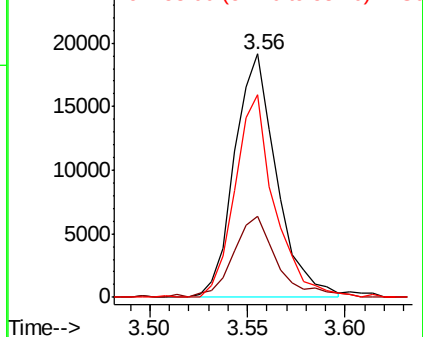


Abundance

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: 1.135 ng/uL

RT: 7.27 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG046899.D

Acq: 14 Oct 2020 19:07

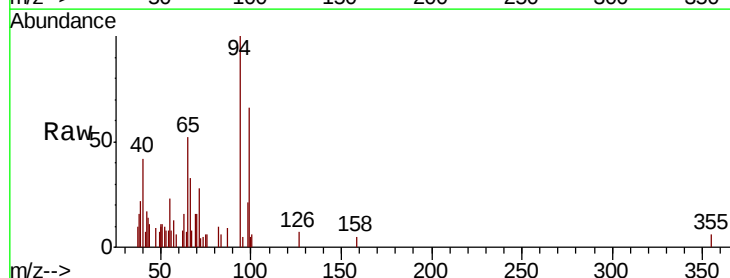
Tgt Ion: 94 Resp: 6187

Ion Ratio Lower Upper

94 100

65 52.0 25.9 38.9#

66 33.2 36.6 54.8#

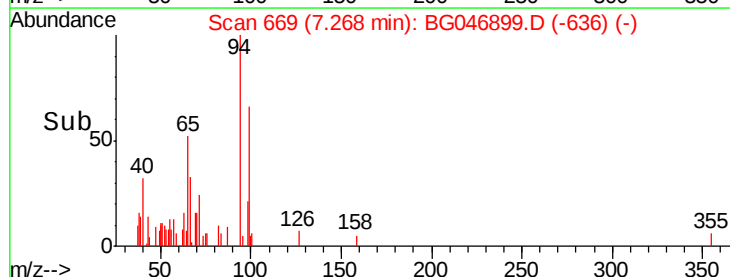
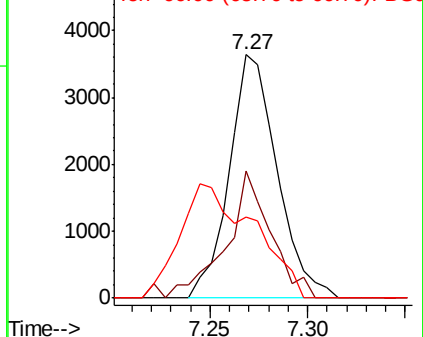


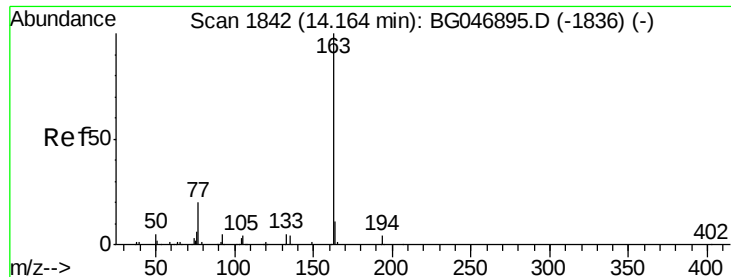
Abundance

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





#45

Dimethylphthalate

Concen: 6.102 ng/ul

RT: 14.17 min Scan# 1843

Delta R.T. 0.00 min

Lab File: BG046899.D

Acq: 14 Oct 2020 19:07

Instrument :

BNA_G

ClientSampleId :

CB7W4

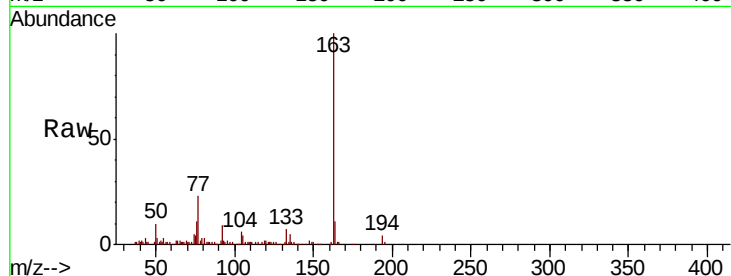
Tot Ion:163 Resp: 84473

Ion Ratio Lower Upper

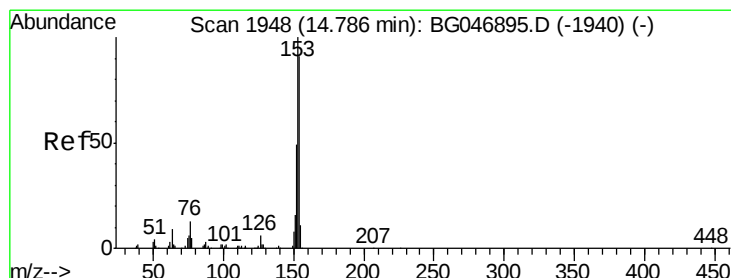
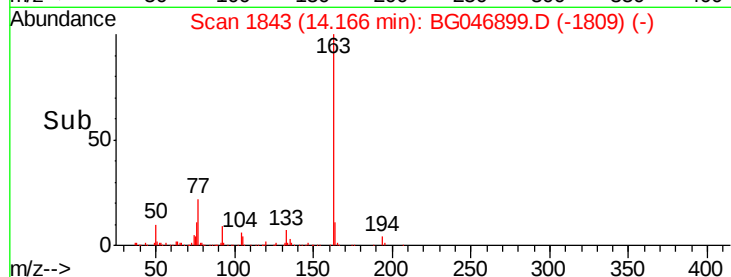
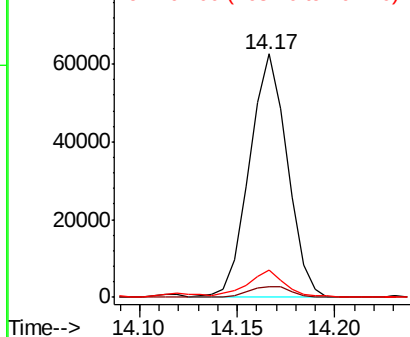
163 100

194 4.3 3.6 5.4

164 11.1 7.4 11.0#



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



#50

Acenaphthene

Concen: 10.079 ng/ul

RT: 14.78 min Scan# 1948

Delta R.T. 0.00 min

Lab File: BG046899.D

Acq: 14 Oct 2020 19:07

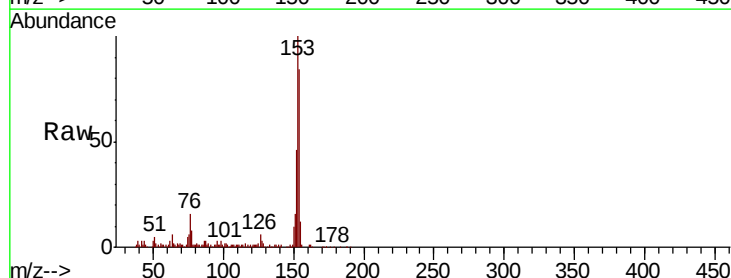
Tgt Ion:153 Resp: 114766

Ion Ratio Lower Upper

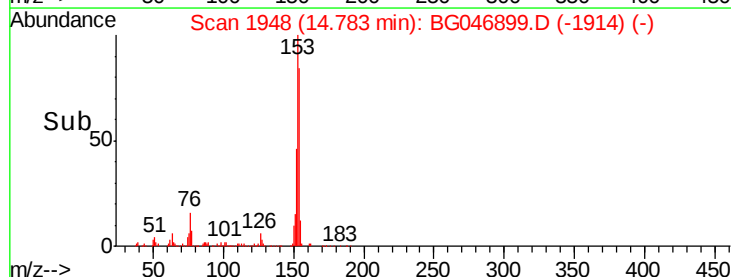
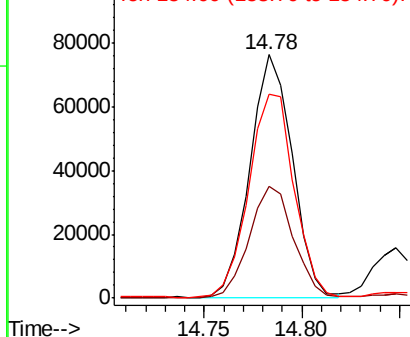
153 100

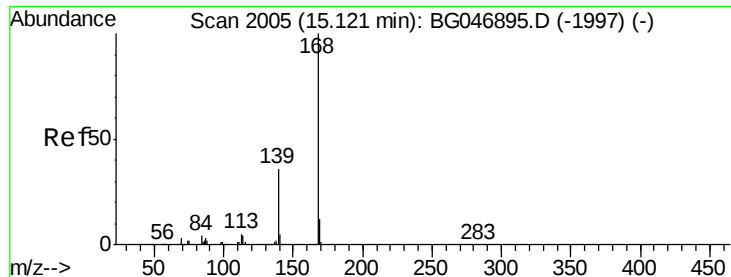
152 46.0 37.2 55.8

154 83.6 72.9 109.3



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





#54

Diben-zofuran

Concen: 4.098 ng/ul

RT: 15.12 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BG046899.D

Acq: 14 Oct 2020 19:07

Instrument :

BNA_G

ClientSampleId :

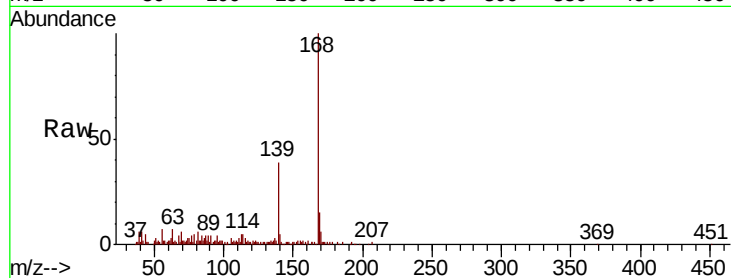
CB7W4

Tot Ion:168 Resp: 68560

Ion Ratio Lower Upper

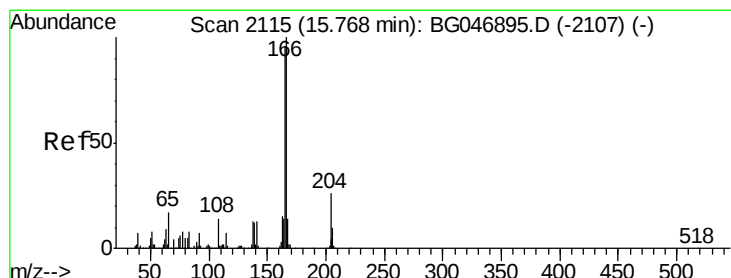
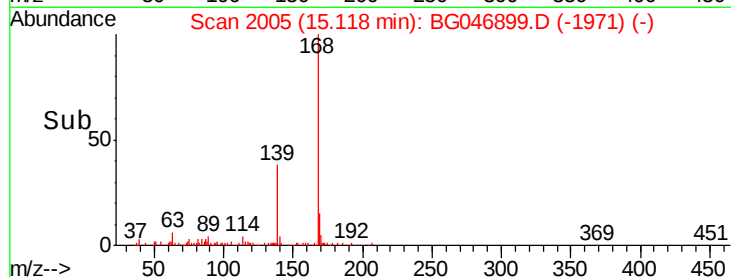
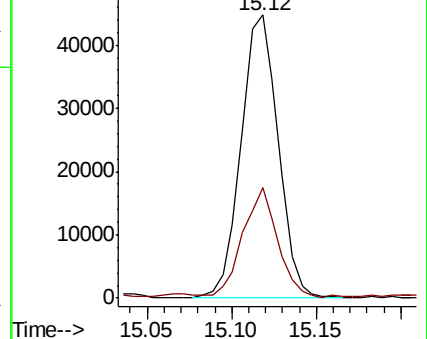
168 100

139 39.0 30.3 45.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#59

Fluorene

Concen: 3.397 ng/ul

RT: 15.76 min Scan# 2115

Delta R.T. 0.00 min

Lab File: BG046899.D

Acq: 14 Oct 2020 19:07

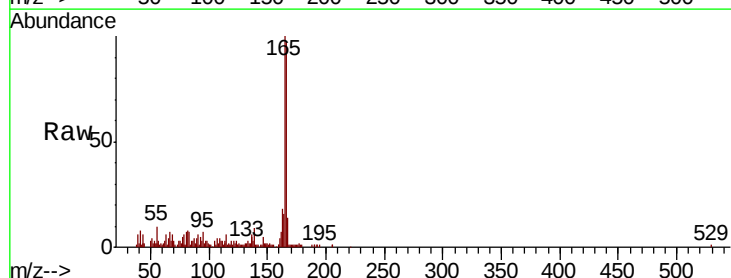
Tgt Ion:166 Resp: 46155

Ion Ratio Lower Upper

166 100

165 103.0 74.2 111.2

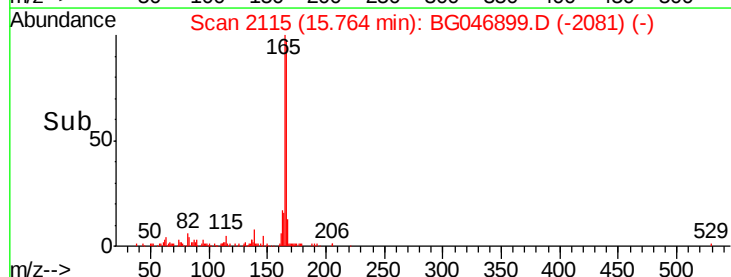
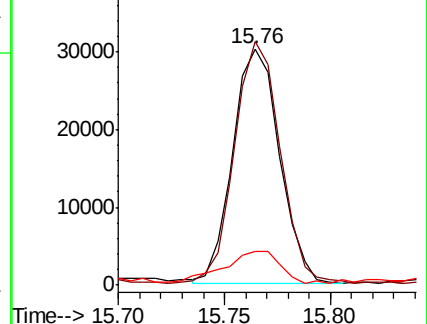
167 14.4 9.8 14.8

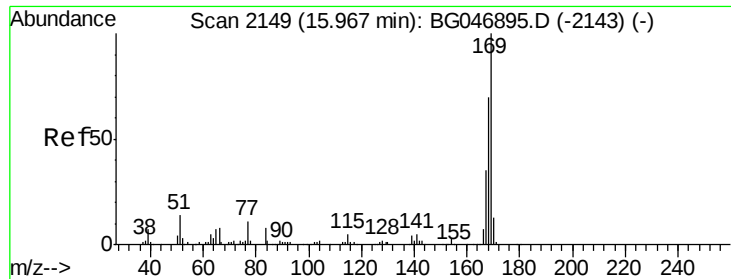


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#65
 N-Nitrosodiphenylamine
 Concen: 1.099 ng/ul
 RT: 15.97 min Scan# 2150
 Delta R.T. 0.01 min
 Lab File: BG046899.D
 Acq: 14 Oct 2020 19:07

Instrument :
 BNA_G
 ClientSampleId :
 CB7W4

Tot Ion	Ratio	Lower	Upper
169	100		
168	82.1	53.3	79.9#
167	29.5	26.3	39.5

