

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021921\
 Data File : BG048244.D
 Acq On : 20 Feb 2021 20:05
 Operator : CG/JU
 Sample : M1412-21
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBGZ8

Quant Time: Feb 21 01:41:51 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	8.12	152	44114	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	176363	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.75	164	121895	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.49	188	256524	20.00	ng/ul	0.00
78) Chrysene-d12	21.78	240	271408	20.00	ng/ul	0.02
86) Perylene-d12	25.09	264	269727	20.00	ng/ul	0.05

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	2735	2.58	ng/uL	0.01
5) Phenol-d5	7.33	99	72668	19.55	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	7.44	67	43775	19.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	54482	20.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	58667	20.12	ng/ul	0.03
19) Nitrobenzene-d5	9.30	128	27412	20.81	ng/ul	0.01
22) 2-Nitrophenol-d4	10.02	143	33883	21.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.58	165	62302	19.96	ng/ul	0.03
29) 4-Chloroaniline-d4	11.08	131	34669	11.24	ng/ul	0.01
44) Dimethylphthalate-d6	14.16	166	187353	20.75	ng/ul	0.01
47) Acenaphthylene-d8	14.44	160	232090	21.03	ng/ul	0.00
52) 4-Nitrophenol-d4	15.02	143	25182	16.41	ng/ul	0.04
58) Fluorene-d10	15.74	176	162927	20.23	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.87	200	23584	15.00	ng/ul	0.02
71) Anthracene-d10	17.59	188	250466	22.77	ng/ul	0.01
79) Pyrene-d10	19.88	212	275286	20.31	ng/ul	0.02
90) Benzo(a)pyrene-d12	24.86	264	286599	20.83	ng/ul	0.04

Target Compounds

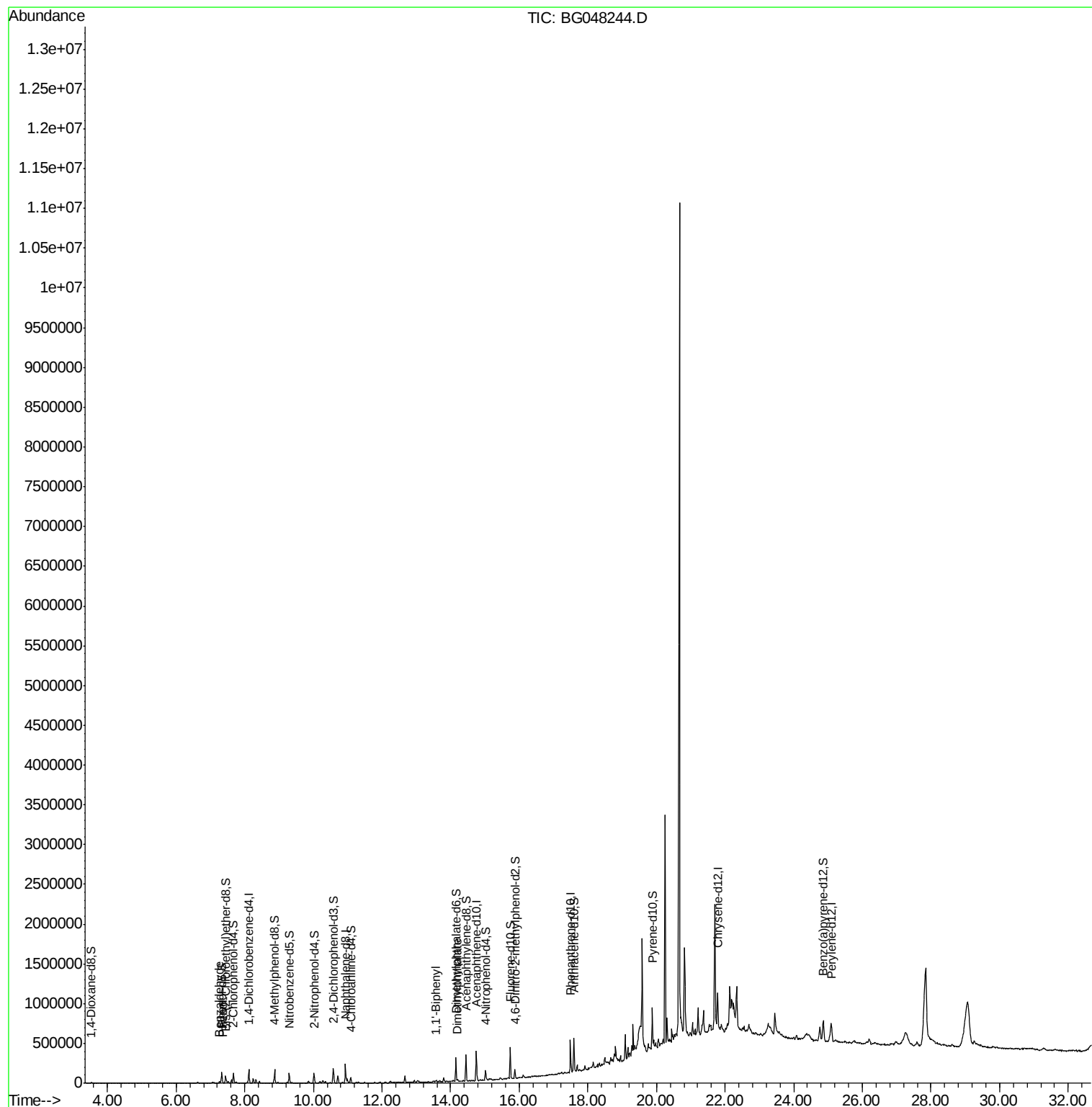
				Ovalue	
4) Benzaldehyde	7.26	77	6822	3.122	ng/ul 89
6) Phenol	7.36	94	4929	1.284	ng/ul# 83
41) 1,1'-Biphenyl	13.58	154	9727	1.163	ng/ul 99
45) Dimethylphthalate	14.20	163	14998	1.607	ng/ul# 93

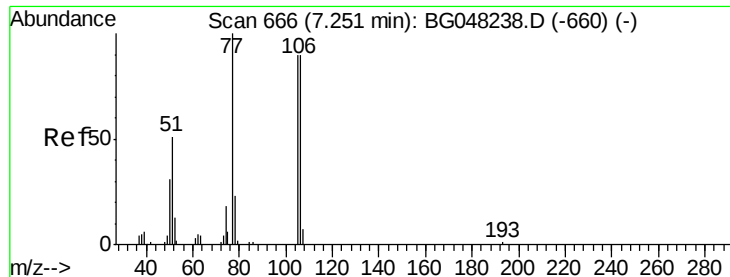
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 3.122 ng/ul

RT: 7.26 min Scan# 668

Delta R.T. 0.01 min

Lab File: BG048244.D

Acq: 20 Feb 2021 20:05

Instrument :

BNA_G

ClientSampleId :

DBGZ8

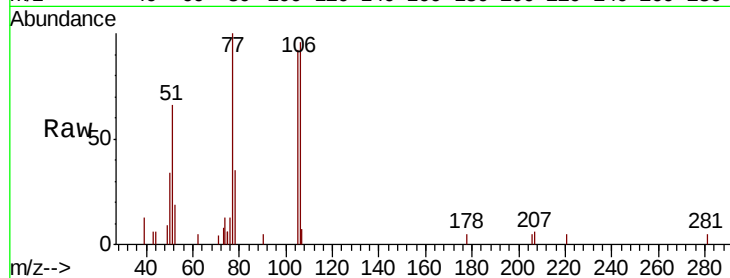
Tot Ion: 77 Resp: 6822

Ion Ratio Lower Upper

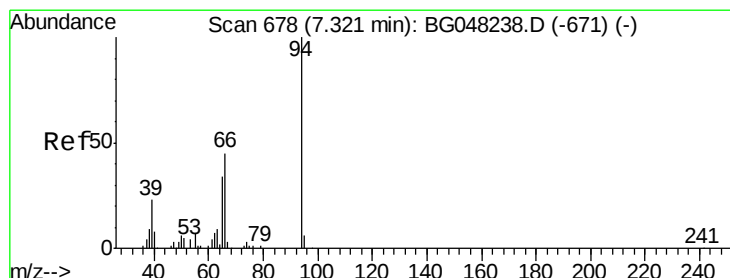
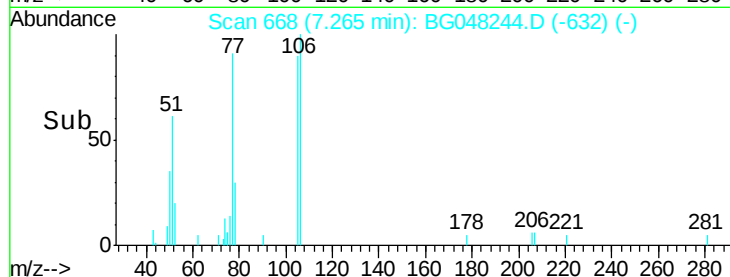
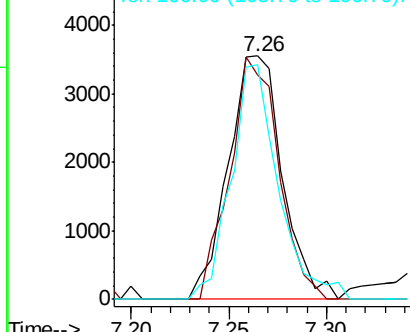
77 100

105 92.3 70.6 105.8

106 96.5 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: 1.284 ng/ul

RT: 7.36 min Scan# 684

Delta R.T. 0.03 min

Lab File: BG048244.D

Acq: 20 Feb 2021 20:05

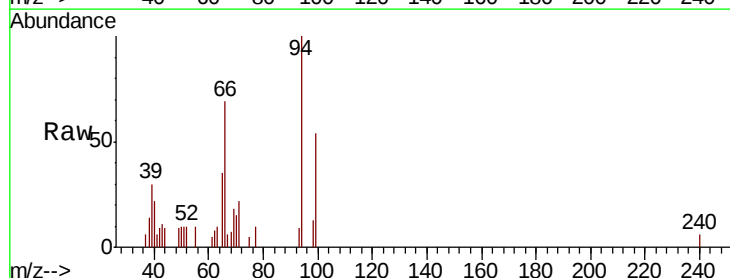
Tgt Ion: 94 Resp: 4929

Ion Ratio Lower Upper

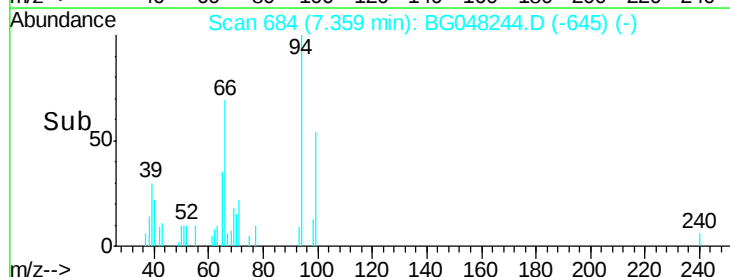
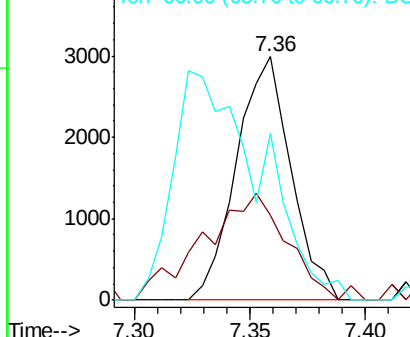
94 100

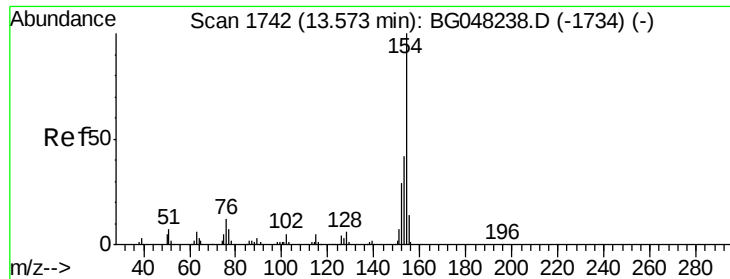
65 34.8 27.1 40.7

66 68.6 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

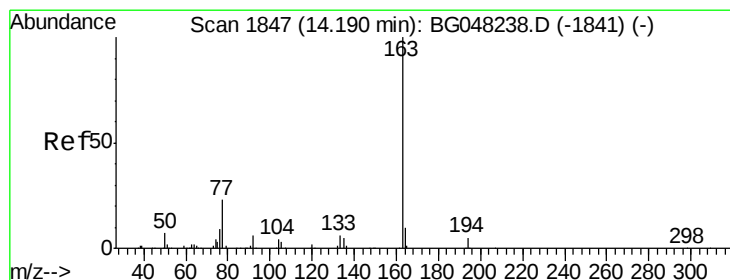
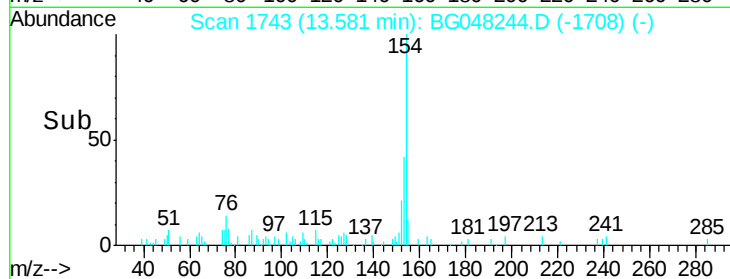
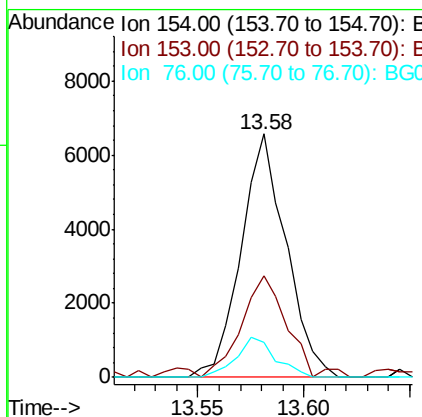
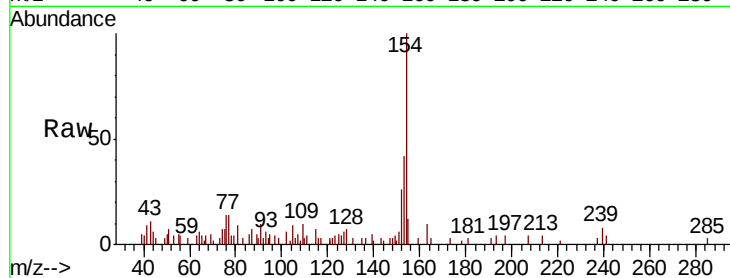




#41
1,1'-Biphenyl
Concen: 1.163 ng/ul
RT: 13.58 min Scan# 1743
Delta R.T. 0.01 min
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Tot Ion:154 Resp: 9727
Ion Ratio Lower Upper
154 100
153 41.7 33.4 50.2
76 14.2 10.0 15.0



#45
Dimethylphthalate
Concen: 1.607 ng/ul
RT: 14.20 min Scan# 1849
Delta R.T. 0.01 min
Lab File: BG048244.D
Acq: 20 Feb 2021 20:05

Tgt Ion:163 Resp: 14998
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 14.0 8.3 12.5#

