

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
 Data File : BG025098.D
 Acq On : 11 Dec 2016 10:57
 Operator : UM/SJ
 Sample : H5905-20
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA819

Quant Time: Dec 12 06:39:53 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 12 06:35:19 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	99568	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	428000	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	336454	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	717394	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	839943	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	875992	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	8309	4.31	ng/uL	0.00
5) Phenol-d5	7.38	99	157431	18.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	112011	21.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	117567	19.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.93	113	129143	17.99	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	63864	21.07	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	77507	20.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	140767	19.37	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	66082	9.25	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	490917	21.21	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	524634	20.70	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	52096	13.10	ng/ul	0.01
57) Fluorene-d10	15.84	176	431698	19.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	73398	16.55	ng/ul	0.00
70) Anthracene-d10	17.70	188	631017	20.84	ng/ul	0.00
76) Pyrene-d10	19.97	212	716418	20.71	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.06	264	715950	20.17	ng/ul	0.00

Target Compounds

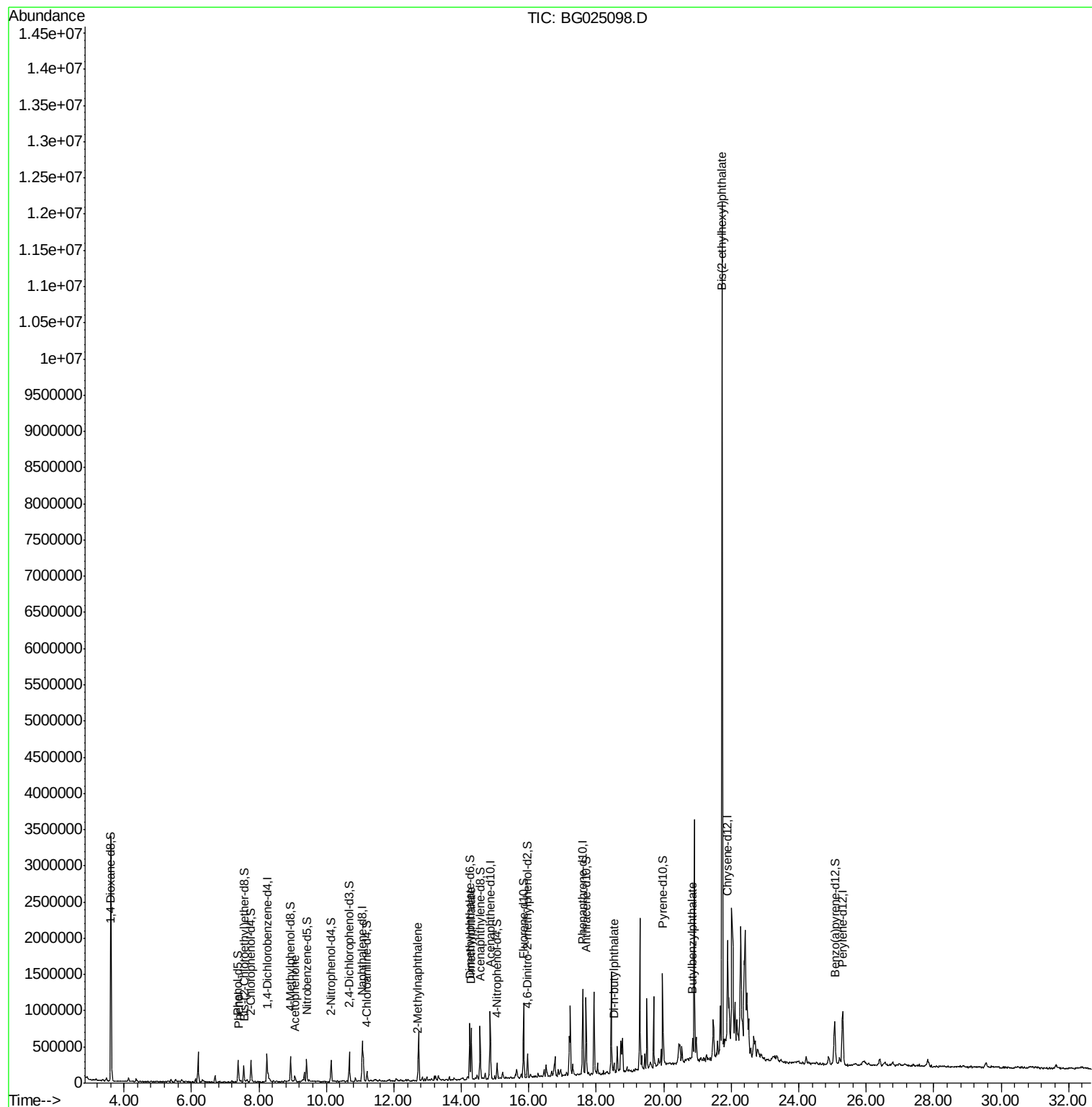
						Qvalue
6) Phenol	7.41	94	15615	1.77	ng/ul#	77
14) Acetophenone	9.07	105	46124	4.22	ng/ul#	92
34) 2-Methylnaphthalene	12.69	142	19684	1.25	ng/ul	87
44) Dimethylphthalate	14.30	163	410024	18.03	ng/ul	99
73) Di-n-butylphthalate	18.52	149	49954	1.35	ng/ul#	96
78) Butylbenzylphthalate	20.85	149	82121	5.19	ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.73	149	3773774	173.43	ng/ul#	72

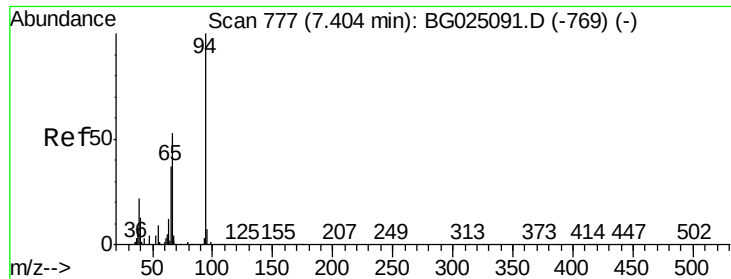
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.77 ng/ul

RT: 7.41 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG025098.D

Acq: 11 Dec 2016 10:57

Instrument :

BNA_G

ClientSampleId :

DA819

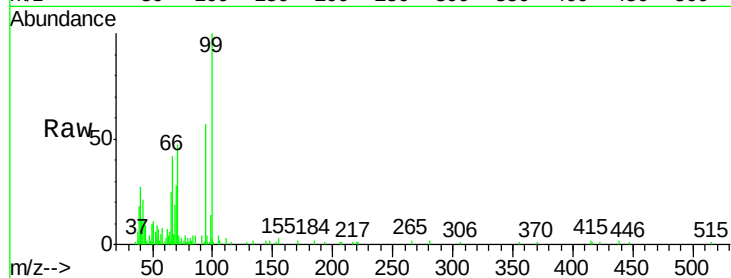
Tgt Ion: 94 Resp: 15615

Ion Ratio Lower Upper

94 100

65 43.7 26.8 40.2#

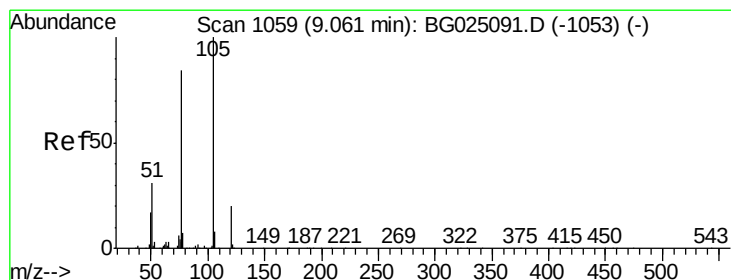
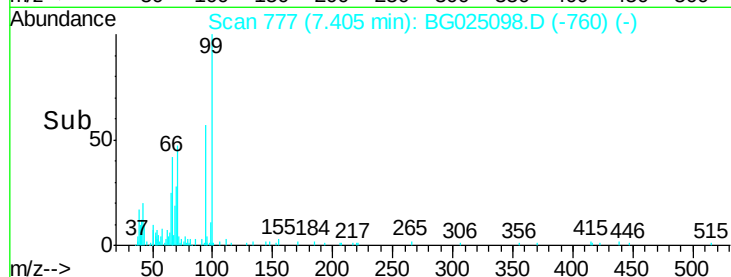
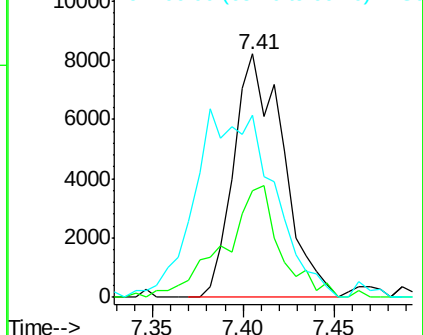
66 74.7 44.4 66.6#



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: 4.22 ng/ul

RT: 9.07 min Scan# 1060

Delta R.T. 0.01 min

Lab File: BG025098.D

Acq: 11 Dec 2016 10:57

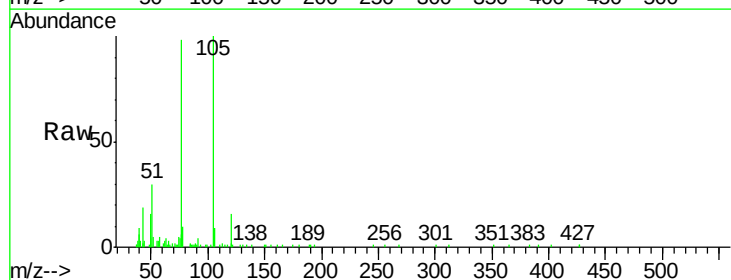
Tgt Ion: 105 Resp: 46124

Ion Ratio Lower Upper

105 100

77 97.7 76.0 114.0

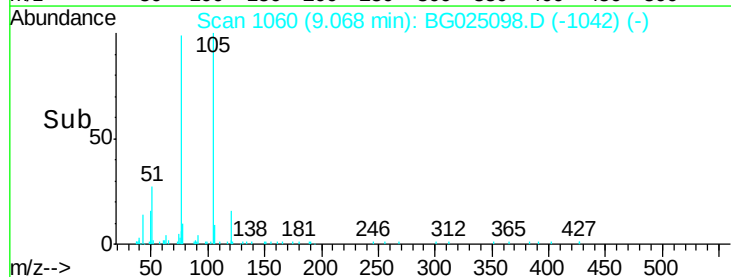
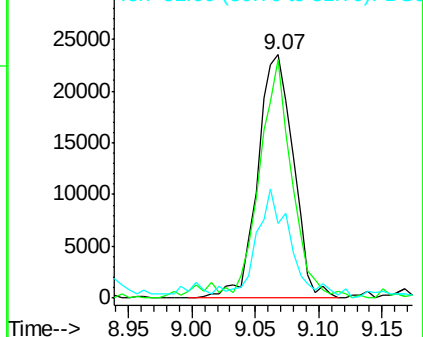
51 30.4 34.8 52.2#

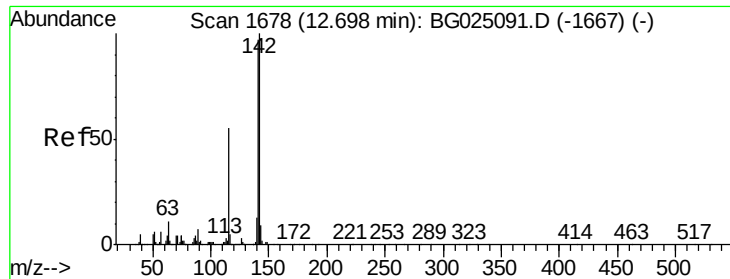


Abundance Ion 105.00 (104.70 to 105.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 51.00 (50.70 to 51.70): BGC





#34

2-Methylnaphthalene

Concen: 1.25 ng/ul

RT: 12.69 min Scan# 1677

Delta R.T. -0.00 min

Lab File: BG025098.D

Acq: 11 Dec 2016 10:57

Instrument :

BNA_G

ClientSampleId :

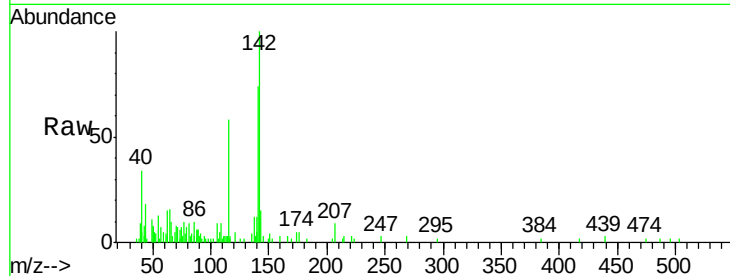
DA819

Tgt Ion:142 Resp: 19684

Ion Ratio Lower Upper

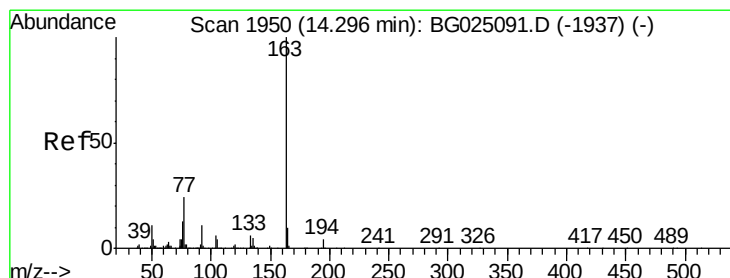
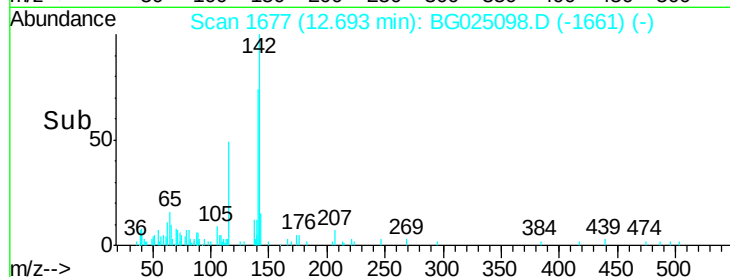
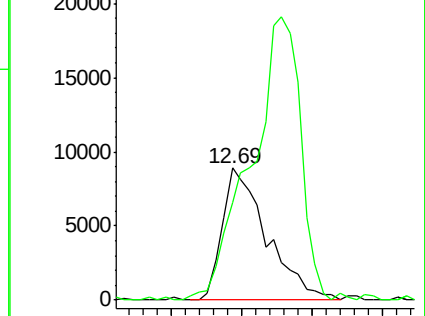
142 100

141 73.6 68.6 102.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#44

Dimethylphthalate

Concen: 18.03 ng/ul

RT: 14.30 min Scan# 1950

Delta R.T. 0.00 min

Lab File: BG025098.D

Acq: 11 Dec 2016 10:57

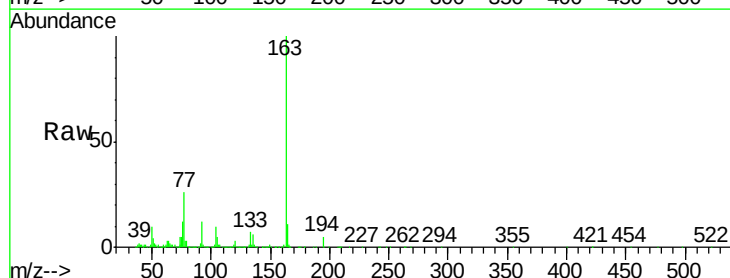
Tgt Ion:163 Resp: 410024

Ion Ratio Lower Upper

163 100

194 4.9 3.4 5.0

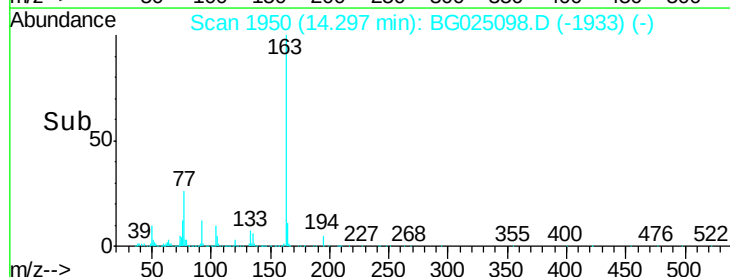
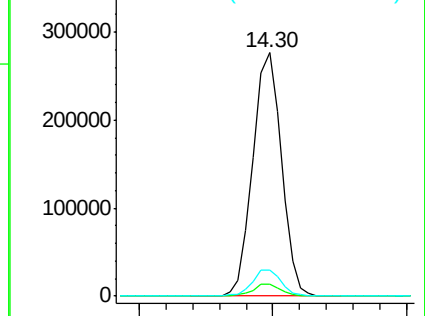
164 10.8 9.0 13.4

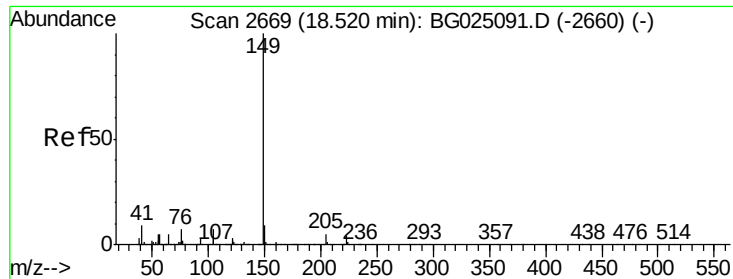


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#73

Di-n-butylphthalate

Concen: 1.35 ng/ul

RT: 18.52 min Scan# 2669

Delta R.T. 0.00 min

Lab File: BG025098.D

Acq: 11 Dec 2016 10:57

Instrument :

BNA_G

ClientSampled :

DA819

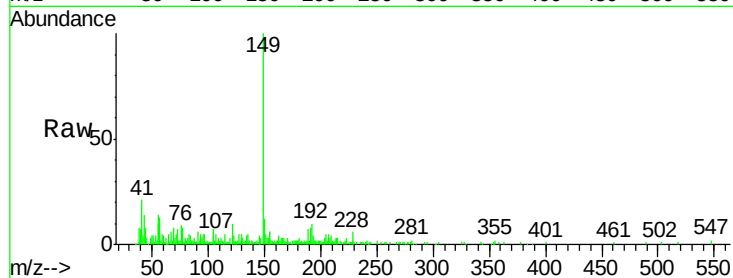
Tgt Ion:149 Resp: 49954

Ion Ratio Lower Upper

149 100

150 12.4 7.9 11.9#

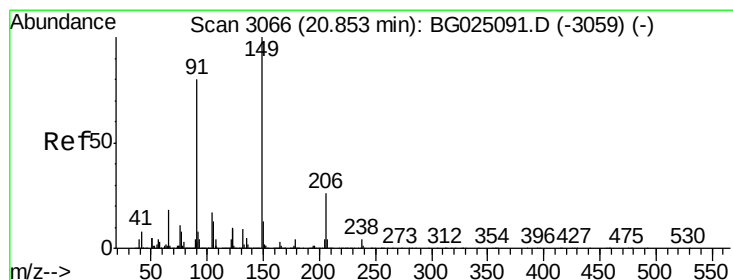
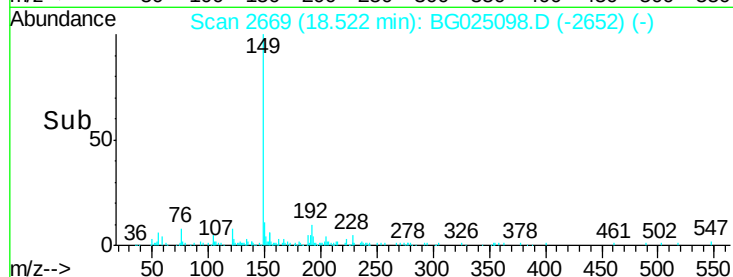
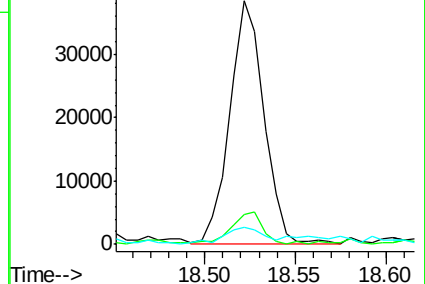
104 7.1 5.8 8.8



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



#78

Butylbenzylphthalate

Concen: 5.19 ng/ul

RT: 20.85 min Scan# 3066

Delta R.T. 0.00 min

Lab File: BG025098.D

Acq: 11 Dec 2016 10:57

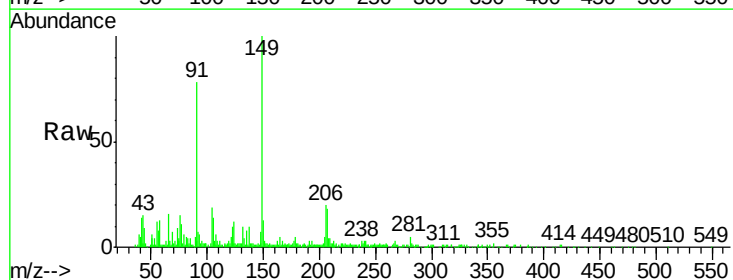
Tgt Ion:149 Resp: 82121

Ion Ratio Lower Upper

149 100

91 78.1 65.8 98.6

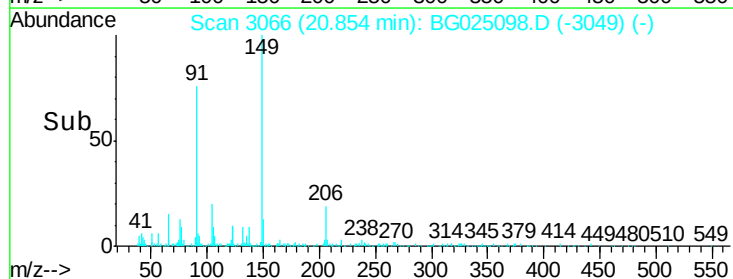
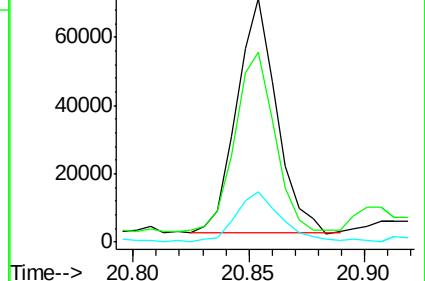
206 20.4 20.1 30.1

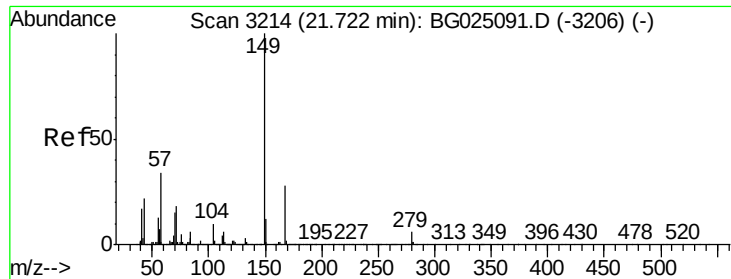


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81
 Bis(2-ethylhexyl)phthalate
 Concen: 173.43 ng/ul
 RT: 21.73 min Scan# 3215
 Delta R.T. 0.01 min
 Lab File: BG025098.D
 Acq: 11 Dec 2016 10:57

Instrument :
 BNA_G
 ClientSampleId :
 DA819

Tgt Ion:149 Resp: 3773774
 Ion Ratio Lower Upper
 149 100
 167 43.0 21.8 32.8#
 279 10.7 4.5 6.7#

