

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070216\
 Data File : BG022796.D
 Acq On : 2 Jul 2016 16:28
 Operator : UM/SJ
 Sample : H3752-20
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDHN4

Quant Time: Jul 03 00:33:15 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 03 00:31:55 2016
 Response via : Initial Calibration

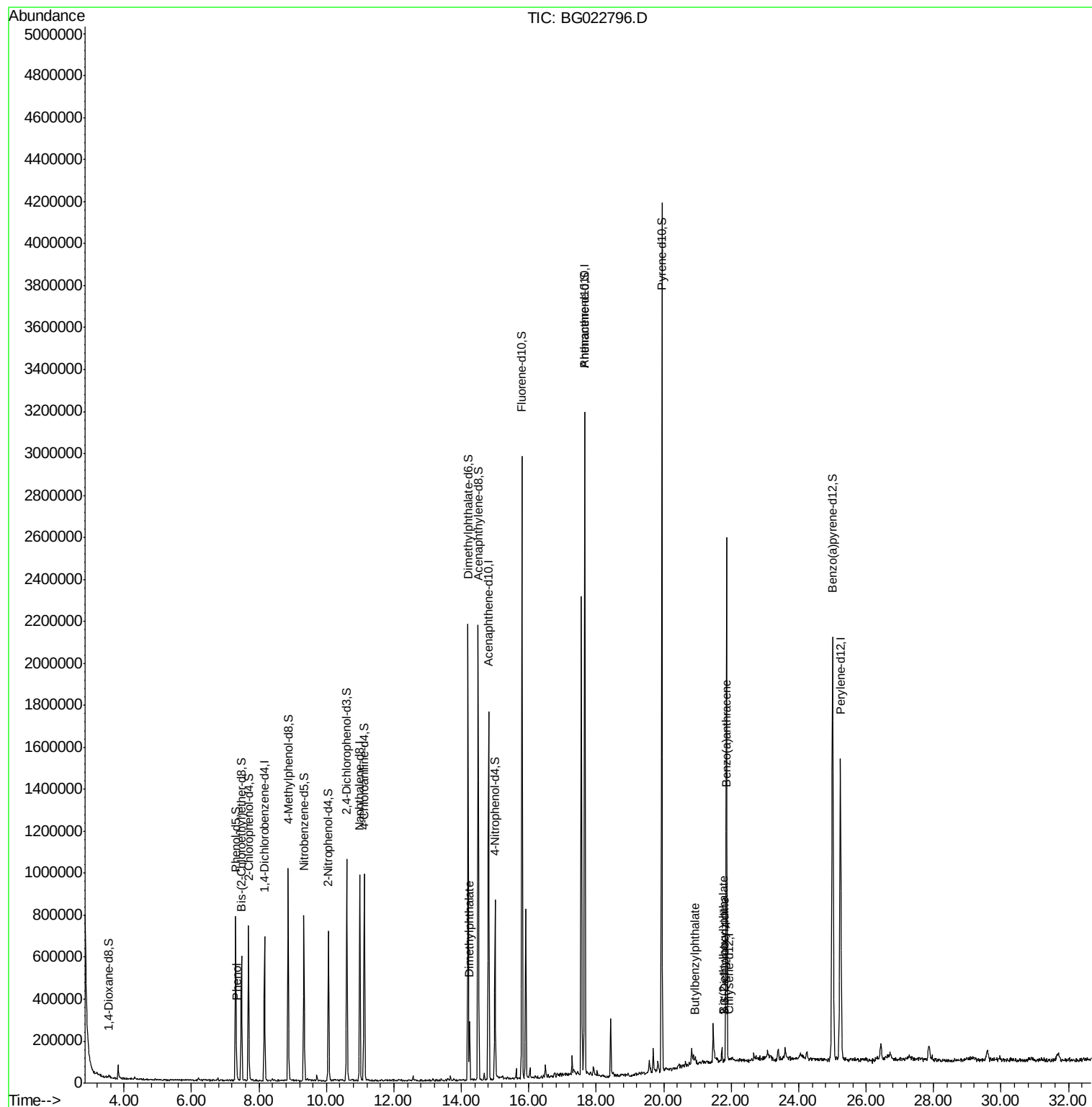
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	186411	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	786015	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	592505	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.66	188	1823982	20.00	ng/ul	0.10
75) Chrysene-d12	21.93	240	4042	20.00	ng/ul	0.07
83) Perylene-d12	25.24	264	1642105	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	6783	2.03	ng/uL	0.01
5) Phenol-d5	7.31	99	458212	23.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	300672	27.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	306712	23.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	359813	23.62	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	166198	26.52	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	196163	25.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	383322	24.25	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	467755	34.94	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	1348164	28.01	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	1527388	27.69	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	179630	23.77	ng/ul	0.00
57) Fluorene-d10	15.80	176	1262328	27.68	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.99	200	301	0.03	ng/ul	0.08
70) Anthracene-d10	17.66	188	1823982	21.51	ng/ul	0.00
76) Pyrene-d10	19.94	212	2196536	11375.32	ng/ul	0.01
87) Benzo(a)pyrene-d12	25.01	264	2251337	28.86	ng/ul	0.02
Target Compounds						
6) Phenol	7.34	94	24631	1.23	ng/ul#	67
44) Dimethylphthalate	14.25	163	169903	3.46	ng/ul#	95
78) Butylbenzylphthalate	20.91	149	603	6.87	ng/ul#	69
79) 3,3'-Dichlorobenzidine	21.81	252	168	2.19	ng/ul#	1
80) Benzo(a)anthracene	21.84	228	9384	39.58	ng/ul	92
81) Bis(2-ethylhexyl)phthalate	21.79	149	746	6.59	ng/ul#	60

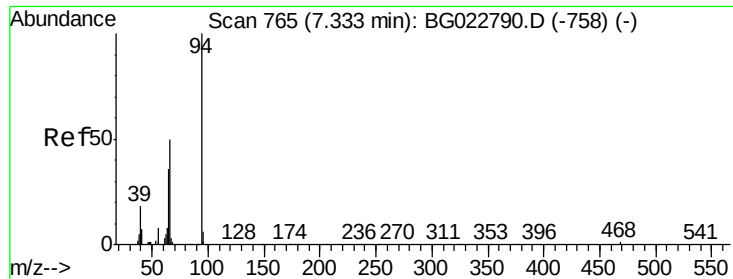
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.23 ng/ul

RT: 7.34 min Scan# 766

Delta R.T. 0.00 min

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Acq: 2 Jul 2016 16:28

Instrument :

BNA_G

ClientSampleId :

BDHN4

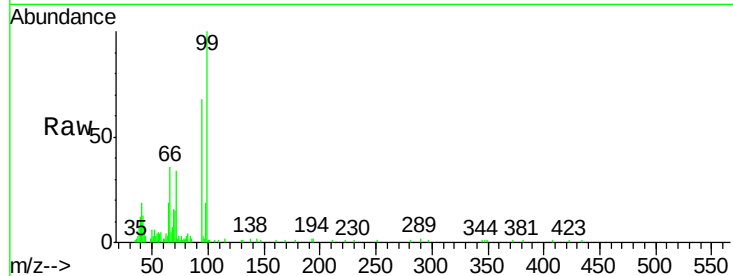
Tot Ion: 94 Resp: 24631

Ion Ratio Lower Upper

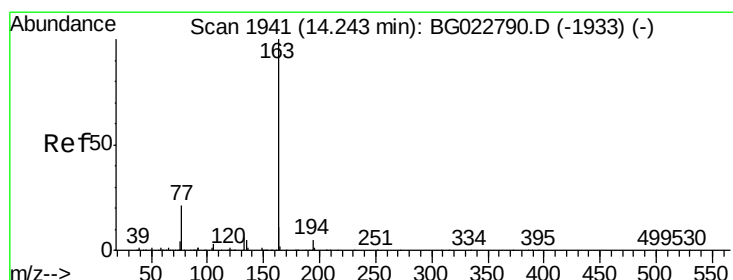
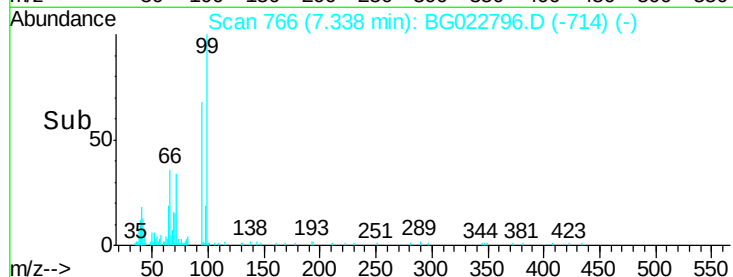
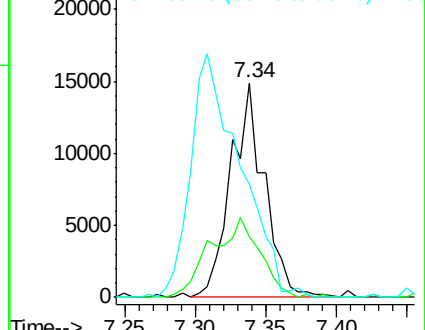
94 100

65 28.0 16.8 25.2#

66 52.6 22.6 33.8#



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



#44

Dimethylphthalate

Concen: 3.46 ng/ul

RT: 14.25 min Scan# 1942

Delta R.T. 0.00 min

Lab File: BG022796.D

Acq: 2 Jul 2016 16:28

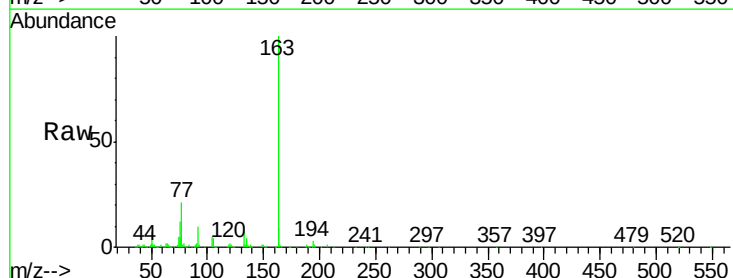
Tgt Ion:163 Resp: 169903

Ion Ratio Lower Upper

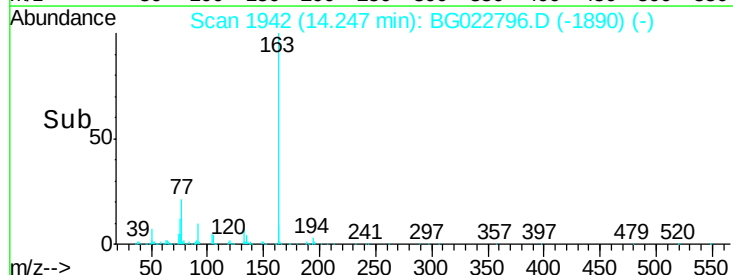
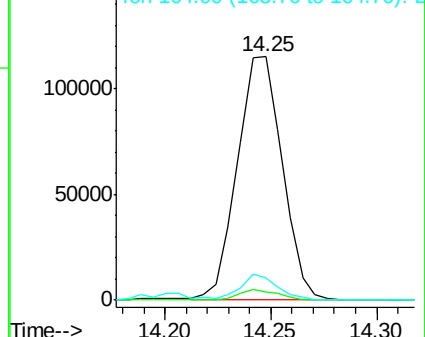
163 100

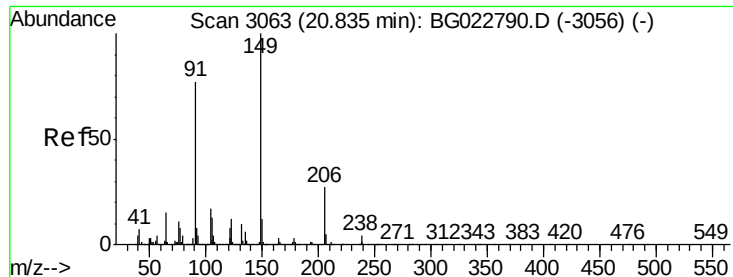
194 3.2 3.4 5.2#

164 9.0 8.8 13.2



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

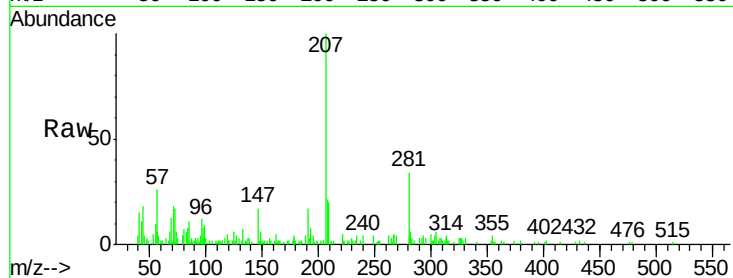




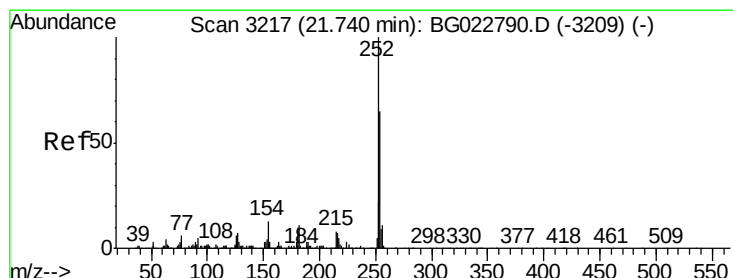
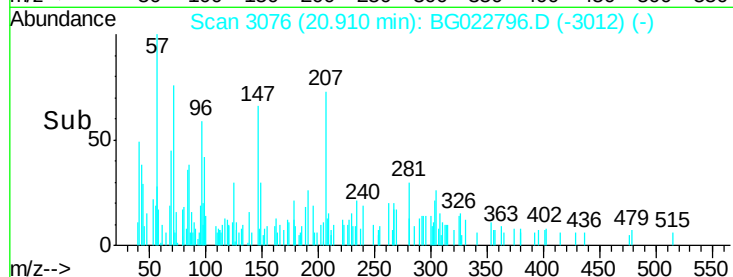
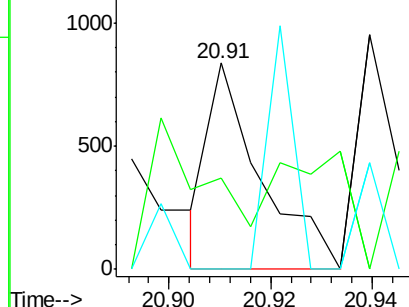
#78
Butylbenzylphthalate
Concen: 6.87 ng/ul
RT: 20.91 min Scan# 3076
Delta R.T. 0.07 min
Lab File: BG022796.D
Acq: 2 Jul 2016 16:28

Instrument :
BNA_G
ClientSampleId :
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Tot Ion:149 Resp: 603
Ion Ratio Lower Upper
149 100
91 44.5 54.2 81.4#
206 0.0 14.1 21.1#

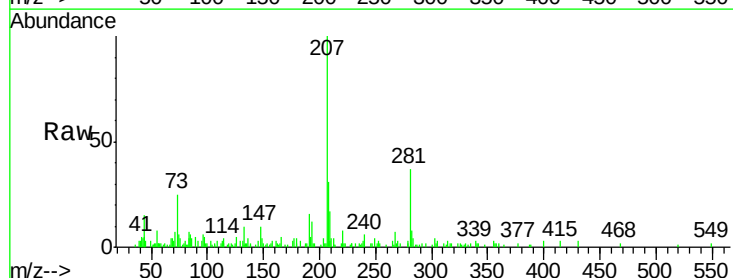


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

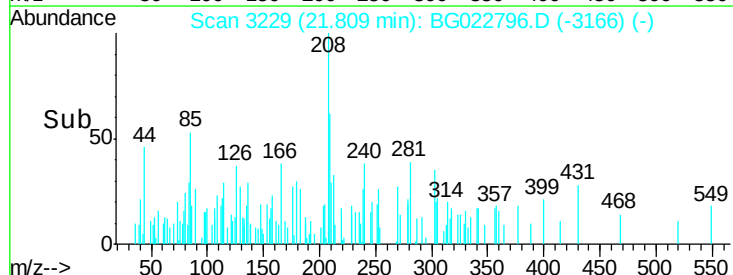
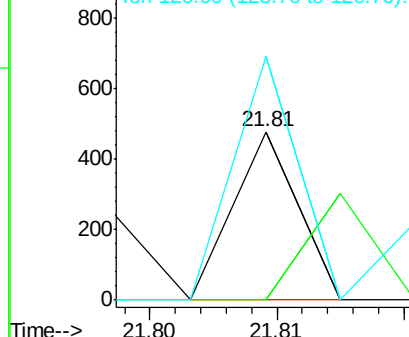


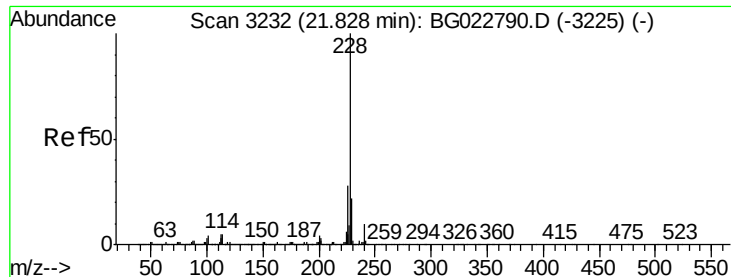
#79
3,3'-Dichlorobenzidine
Concen: 2.19 ng/ul
RT: 21.81 min Scan# 3229
Delta R.T. 0.07 min
Lab File: BG022796.D
Acq: 2 Jul 2016 16:28

Tgt Ion:252 Resp: 168
Ion Ratio Lower Upper
252 100
254 0.0 51.4 77.2#
126 144.7 10.7 16.1#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#80

Benzo(a)anthracene

Concen: 39.58 ng/ul

RT: 21.84 min Scan# 3234

Delta R.T. 0.01 min

Lab File: BG022796.D

Acq: 2 Jul 2016 16:28

Instrument :

BNA_G

ClientSampleId :

BDHN4

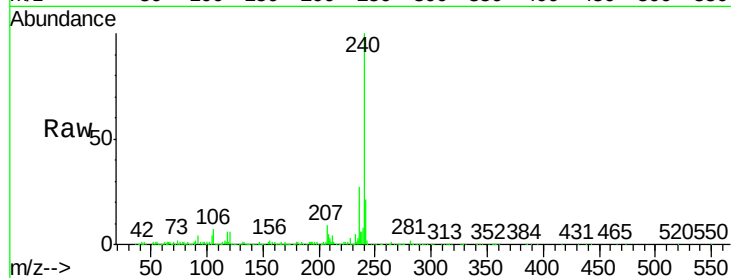
Tot Ion:228 Resp: 9384

Ion Ratio Lower Upper

228 100

229 16.7 15.4 23.2

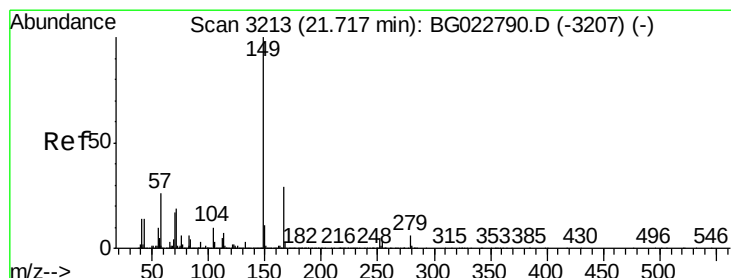
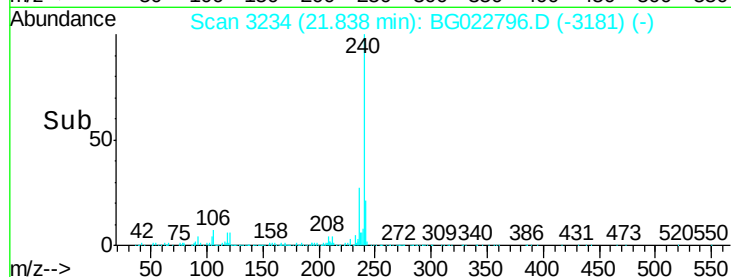
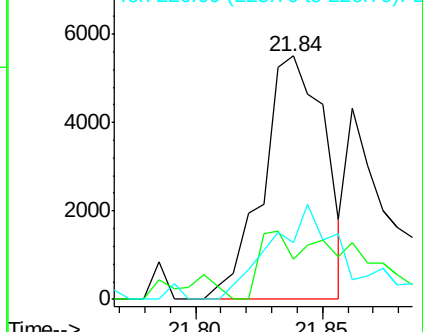
226 23.4 22.8 34.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 6.59 ng/ul

RT: 21.79 min Scan# 3225

Delta R.T. 0.07 min

Lab File: BG022796.D

Acq: 2 Jul 2016 16:28

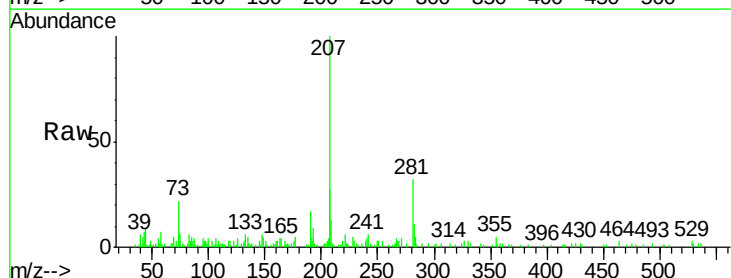
Tgt Ion:149 Resp: 746

Ion Ratio Lower Upper

149 100

167 50.3 21.9 32.9#

279 0.0 2.9 4.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

