

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070316\
 Data File : BG022824.D
 Acq On : 3 Jul 2016 11:13
 Operator : UM/SJ
 Sample : H3844-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 04 03:30:59 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 04 03:30:19 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	150017	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	693818	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	519754	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.65	188	1970395	20.00	ng/ul	0.09
75) Chrysene-d12	21.93	240	2054	20.00	ng/ul	0.07
83) Perylene-d12	25.23	264	1452819	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	9363	3.49	ng/uL	0.00
5) Phenol-d5	7.31	99	505169	32.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	320060	35.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	336513	31.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	397036	32.39	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	190385	34.41	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	224760	33.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	424181	30.40	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	515613	43.64	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	1468447	34.78	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	1661779	34.34	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	239732	36.16	ng/ul	0.00
57) Fluorene-d10	15.79	176	1387923	34.69	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.00	200	787	0.06	ng/ul	0.09
70) Anthracene-d10	17.65	188	1970395	21.51	ng/ul	0.00
76) Pyrene-d10	19.93	212	2295284	23391.48	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	2399193	34.76	ng/ul	0.00

Target Compounds

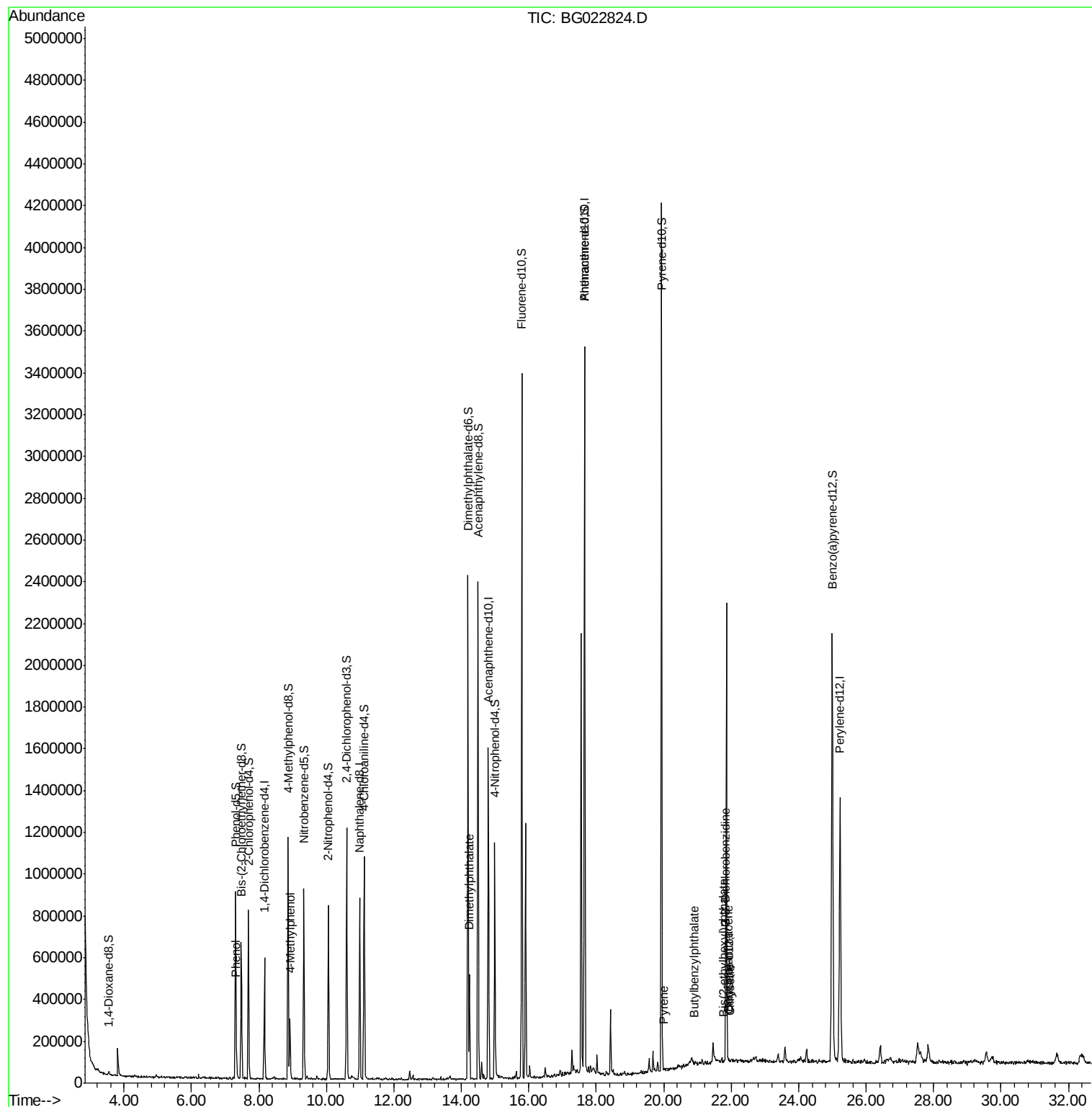
					Ovalue
6) Phenol	7.33	94	45760	2.83 ng/ul#	54
16) 4-Methylphenol	8.92	108	92332	6.84 ng/ul	98
44) Dimethylphthalate	14.24	163	304229	7.06 ng/ul	99
77) Pyrene	20.01	202	241	2.10 ng/ul#	65
78) Butylbenzylphthalate	20.90	149	478	10.72 ng/ul#	45
79) 3,3'-Dichlorobenzidine	21.83	252	210	5.40 ng/ul#	1
80) Benzo(a)anthracene	21.90	228	3652	30.31 ng/ul#	84
81) Bis(2-ethylhexyl)phthalate	21.79	149	1077	18.72 ng/ul#	52
82) Chrysene	21.97	228	195	1.78 ng/ul#	1

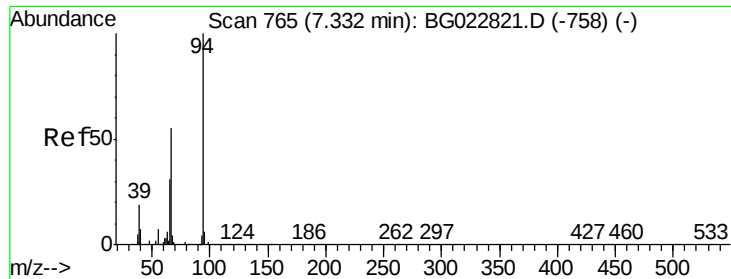
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.83 ng/ul

RT: 7.33 min Scan# 765

Delta R.T. 0.00 min

Lab File: BG022824.D

Acq: 3 Jul 2016 11:13

Instrument :

BNA_G

ClientSampleId :

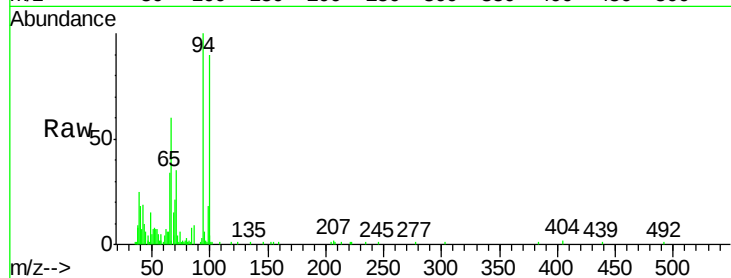
Tot Ion: 94 Resp: 45760

Ion Ratio Lower Upper

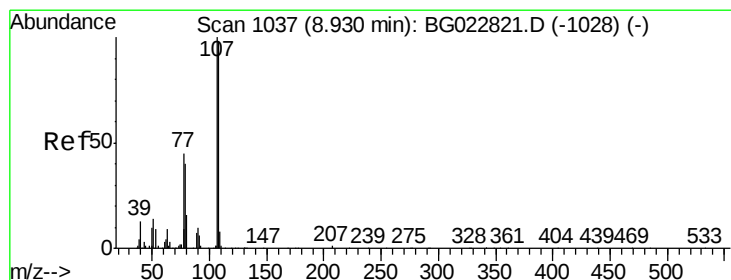
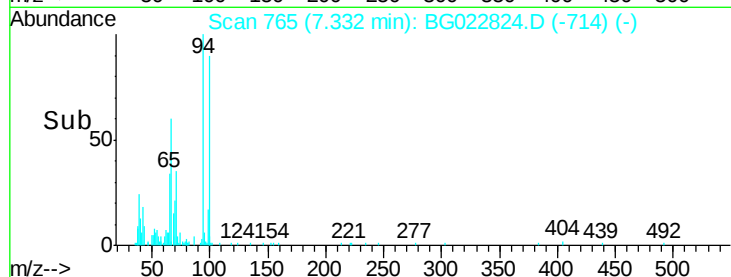
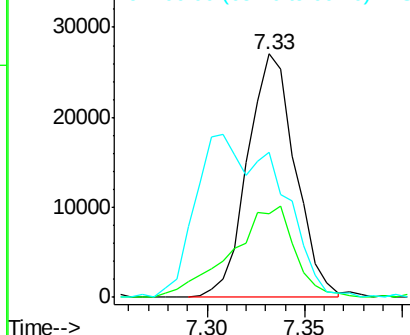
94 100

65 34.3 16.8 25.2#

66 59.6 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



#16

4-Methylphenol

Concen: 6.84 ng/ul

RT: 8.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BG022824.D

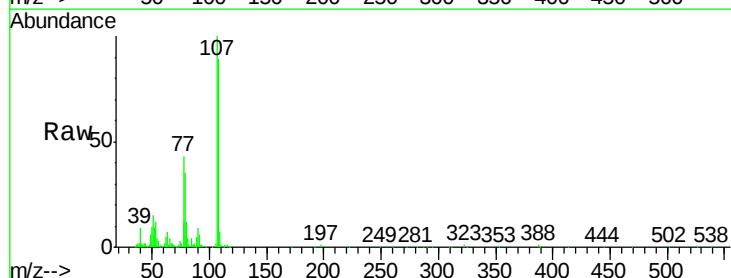
Acq: 3 Jul 2016 11:13

Tgt Ion: 108 Resp: 92332

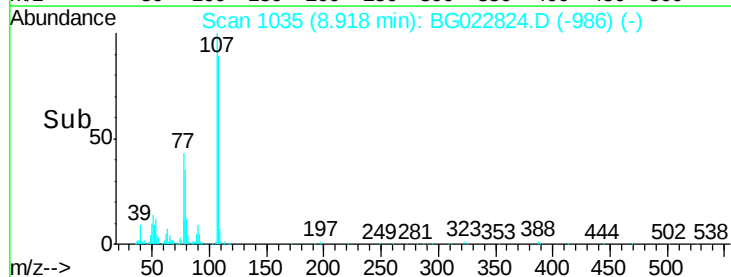
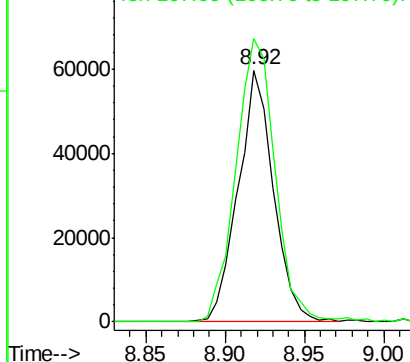
Ion Ratio Lower Upper

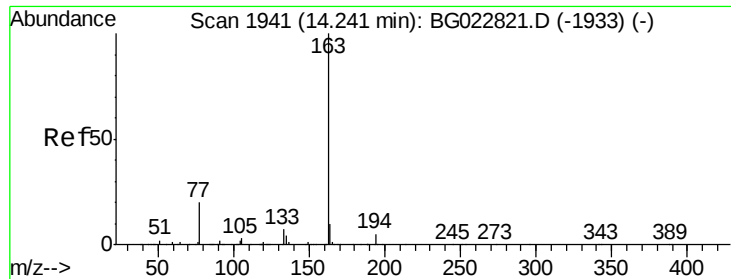
108 100

107 112.6 88.3 132.5



Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E





#44

Dimethylphthalate

Concen: 7.06 ng/ul

RT: 14.24 min Scan# 1941

Delta R.T. 0.00 min

Lab File: BG022824.D

Acq: 3 Jul 2016 11:13

Instrument :

BNA_G

ClientSampled :

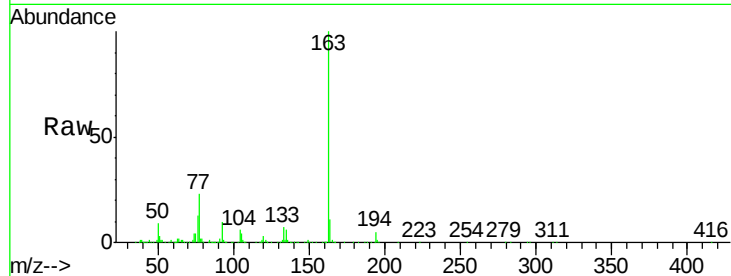
Tot Ion:163 Resp: 304229

Ion Ratio Lower Upper

163 100

194 5.1 3.4 5.2

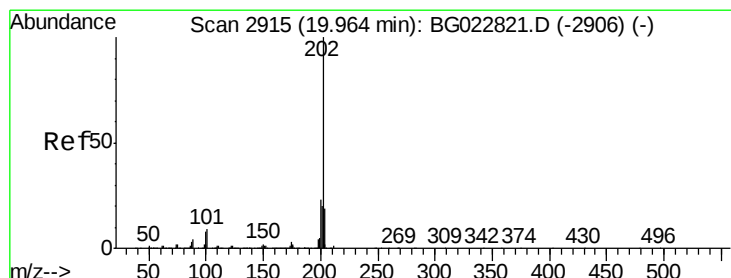
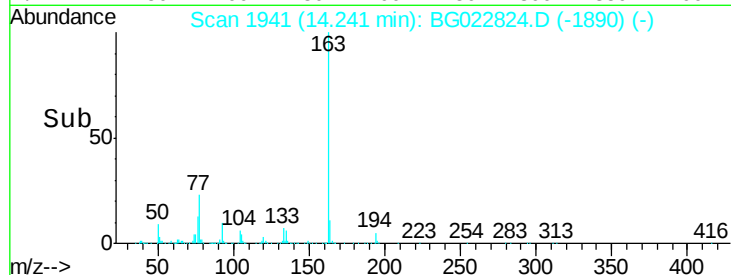
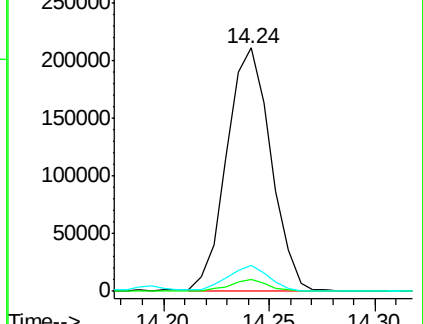
164 10.6 8.8 13.2



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



#77

Pyrene

Concen: 2.10 ng/ul

RT: 20.01 min Scan# 2922

Delta R.T. 0.04 min

Lab File: BG022824.D

Acq: 3 Jul 2016 11:13

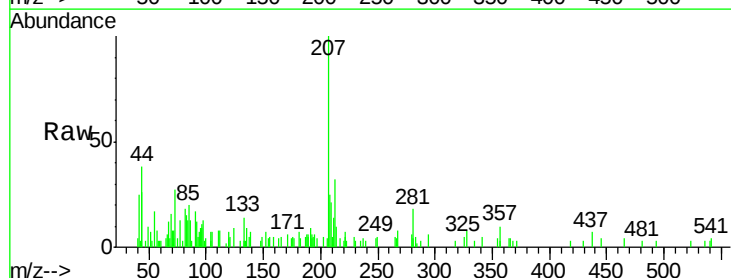
Tgt Ion:202 Resp: 241

Ion Ratio Lower Upper

202 100

101 0.0 12.5 18.7#

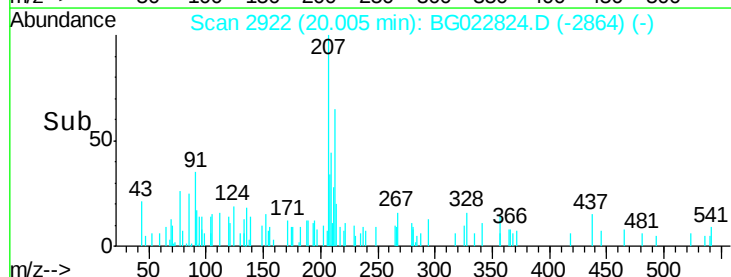
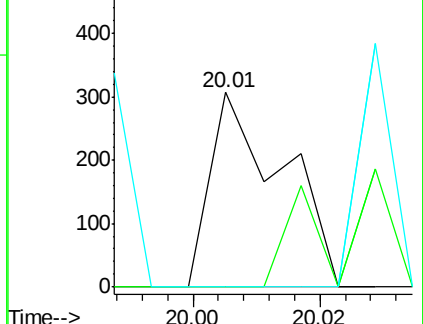
100 0.0 10.2 15.4#

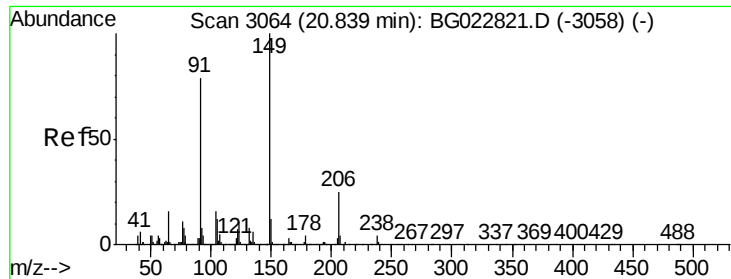


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

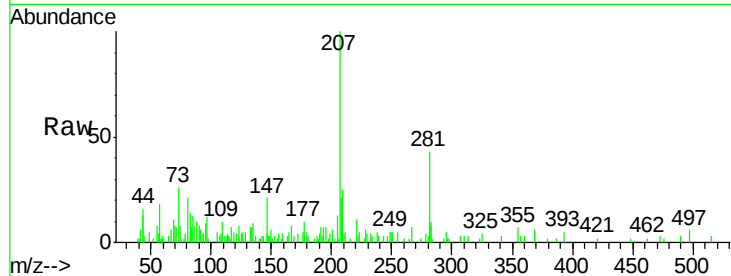




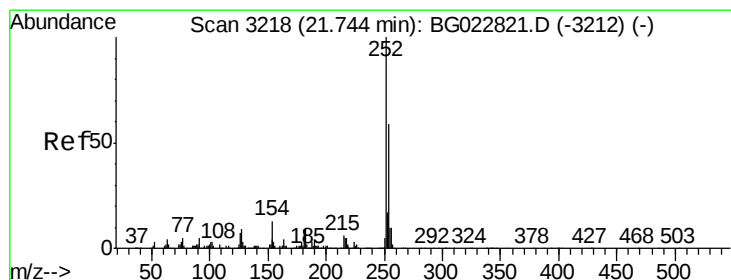
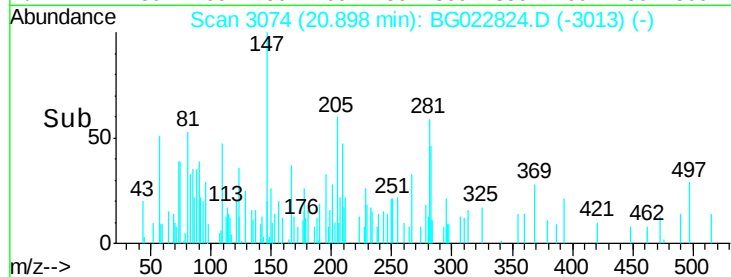
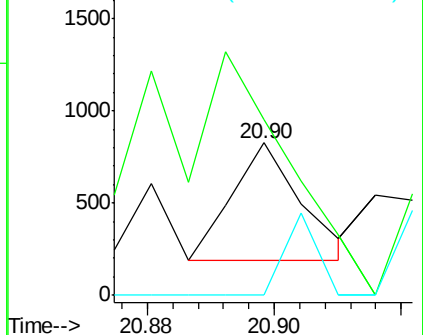
#78
Butylbenzylphthalate
Concen: 10.72 ng/ul
RT: 20.90 min Scan# 3074
Delta R.T. 0.06 min
Lab File: BG022824.D
Acq: 3 Jul 2016 11:13

Instrument :
BNA_G
ClientSampled :

Tot Ion:149 Resp: 478
Ion Ratio Lower Upper
149 100
91 115.2 54.2 81.4#
206 0.0 14.1 21.1#

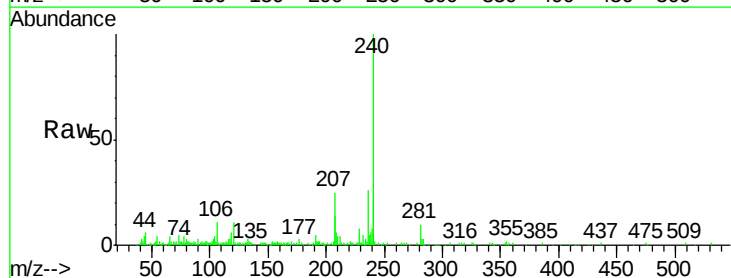


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BGC
Ion 206.00 (205.70 to 206.70): E

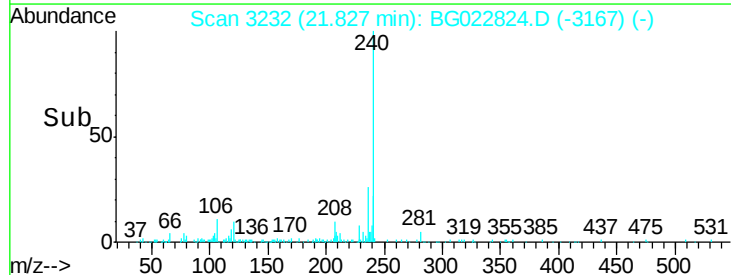
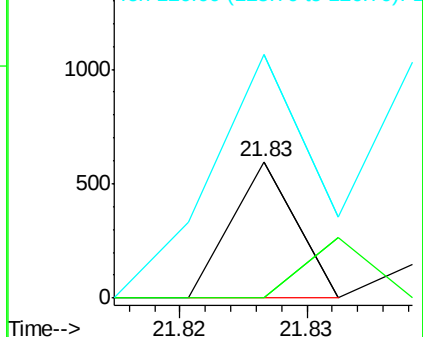


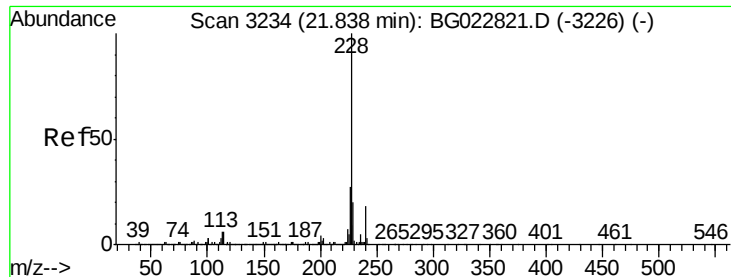
#79
3,3'-Dichlorobenzidine
Concen: 5.40 ng/ul
RT: 21.83 min Scan# 3232
Delta R.T. 0.08 min
Lab File: BG022824.D
Acq: 3 Jul 2016 11:13

Tgt Ion:252 Resp: 210
Ion Ratio Lower Upper
252 100
254 0.0 51.4 77.2#
126 178.2 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: 30.31 ng/ul

RT: 21.90 min Scan# 3245

Delta R.T. 0.06 min

Lab File: BG022824.D

Acq: 3 Jul 2016 11:13

Instrument :

BNA_G

ClientSampleId :

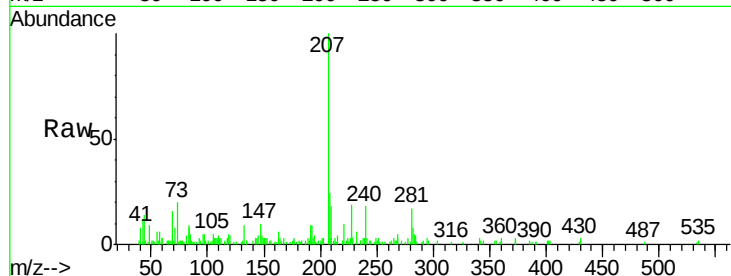
Tot Ion:228 Resp: 3652

Ion Ratio Lower Upper

228 100

229 16.5 15.4 23.2

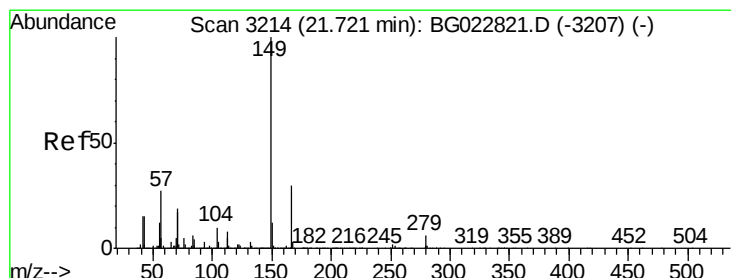
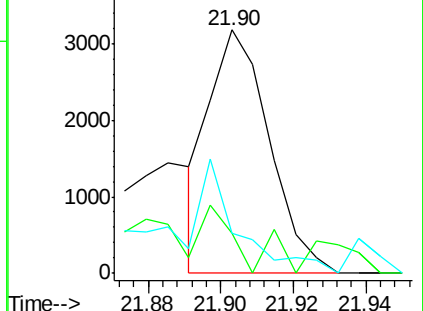
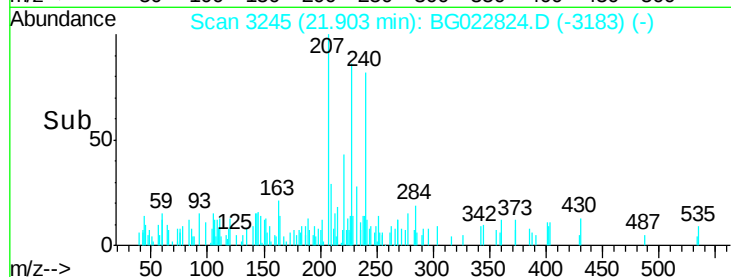
226 16.5 22.8 34.2#



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: 18.72 ng/ul

RT: 21.79 min Scan# 3226

Delta R.T. 0.07 min

Lab File: BG022824.D

Acq: 3 Jul 2016 11:13

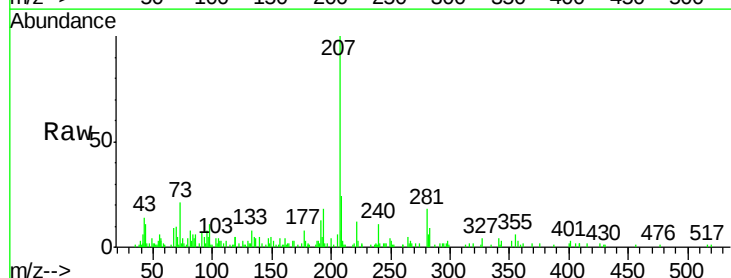
Tgt Ion:149 Resp: 1077

Ion Ratio Lower Upper

149 100

167 0.0 21.9 32.9#

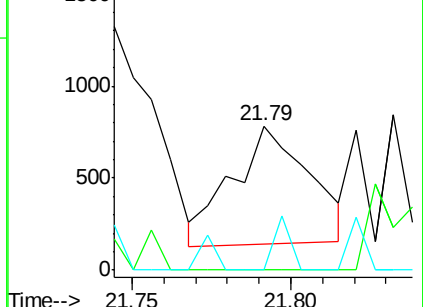
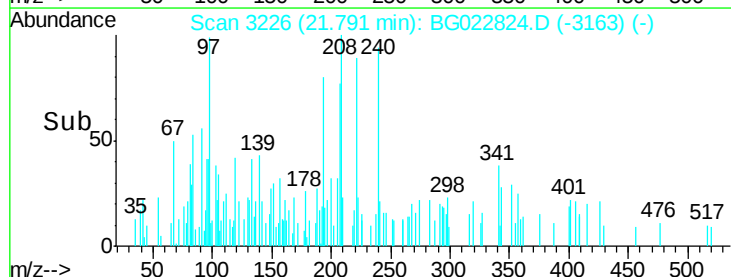
279 0.0 2.9 4.3#

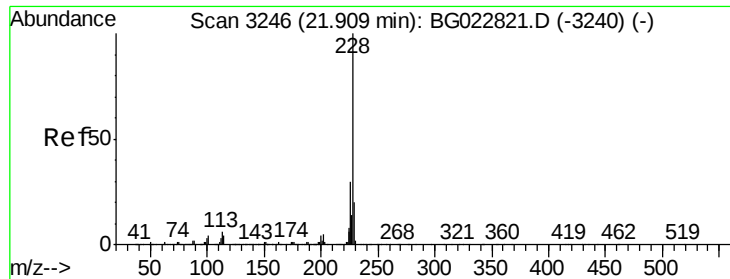


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 1.78 ng/ul

RT: 21.97 min Scan# 3256

Delta R.T. 0.06 min

Lab File: BG022824.D

Acq: 3 Jul 2016 11:13

Instrument :

BNA_G

ClientSampleId :

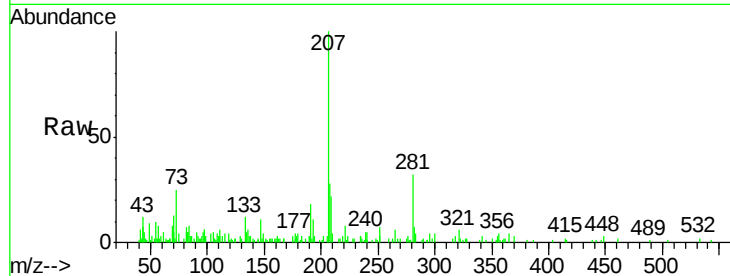
Tot Ion:228 Resp: 195

Ion Ratio Lower Upper

228 100

226 0.0 24.2 36.4#

229 106.7 15.0 22.6#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

