

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120816\
 Data File : BG025022.D
 Acq On : 9 Dec 2016 1:13
 Operator : UM/SJ
 Sample : H5863-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA7Z0

Quant Time: Dec 09 02:06:04 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 09 01:31:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	121999	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	487027	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	388190	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	955611	20.00	ng/ul	0.10
75) Chrysene-d12	22.03	240	2563	20.00	ng/ul	0.13
83) Perylene-d12	25.32	264	1142493	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	8309	3.52	ng/uL	0.00
5) Phenol-d5	7.39	99	208960	19.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	131543	20.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	153916	20.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	178120	20.25	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	78895	22.88	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	93911	21.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	183202	22.16	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	139718	17.19	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	642219	24.05	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	690103	23.59	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	102517	22.34	ng/ul	0.00
57) Fluorene-d10	15.85	176	584185	23.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	556	0.09	ng/ul	0.10
70) Anthracene-d10	17.70	188	957098	23.73	ng/ul	0.00
76) Pyrene-d10	19.98	212	1172101	11102.85	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	1260741	27.23	ng/ul	0.00

Target Compounds

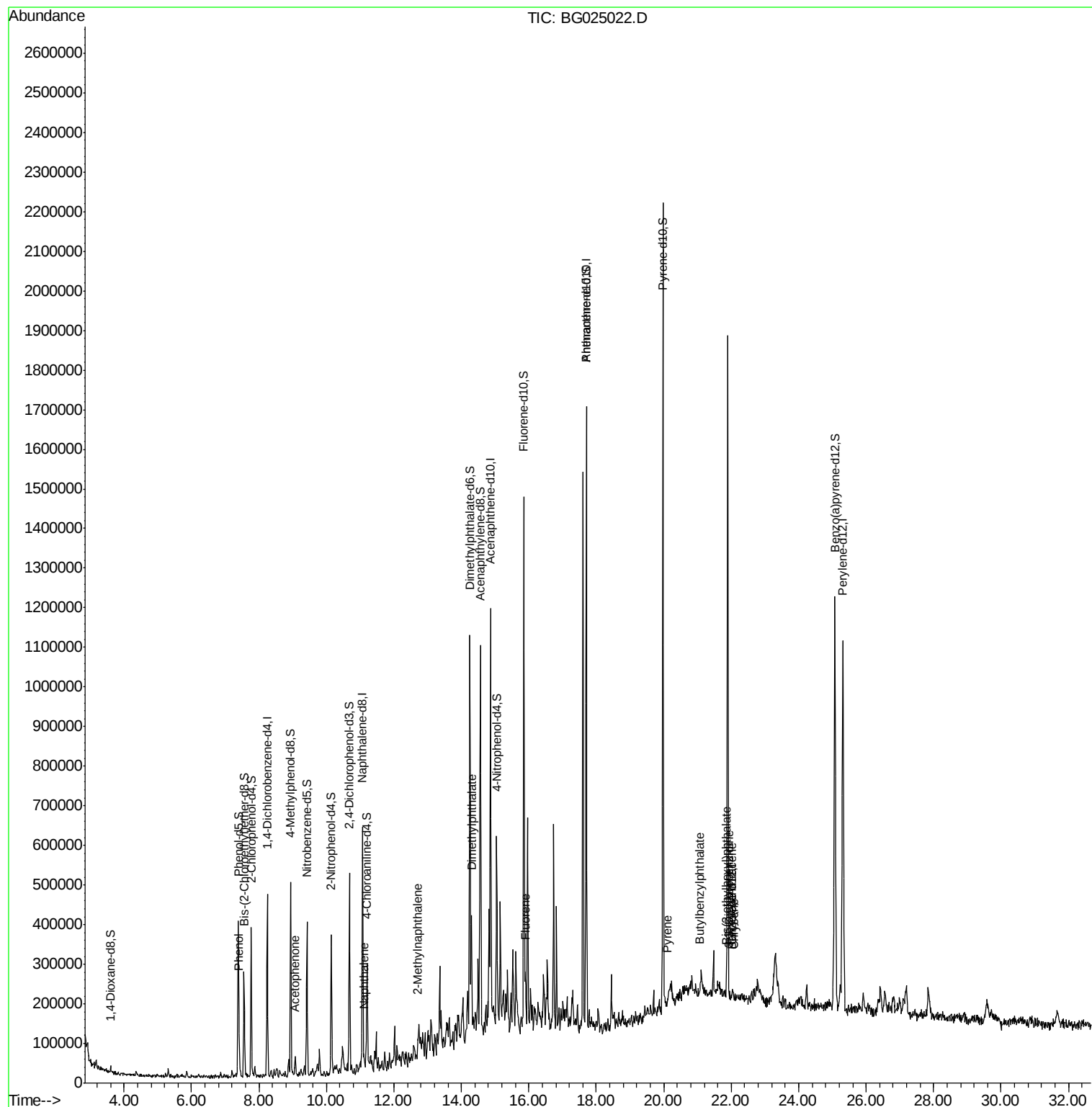
					Qvalue	
6) Phenol	7.41	94	37308	3.45	ng/ul#	85
14) Acetophenone	9.07	105	30848	2.30	ng/ul	97
28) Naphthalene	11.12	128	26211	1.16	ng/ul	94
34) 2-Methylnaphthalene	12.70	142	24921	1.39	ng/ul	97
44) Dimethylphthalate	14.30	163	113417	4.32	ng/ul	98
58) Fluorene	15.90	166	27016	1.08	ng/ul#	79
77) Pyrene	20.12	202	777	6.31	ng/ul#	1
78) Butylbenzylphthalate	21.06	149	1233	25.56	ng/ul	88
79) 3,3'-Dichlorobenzidine	21.94	252	649	14.53	ng/ul#	67
80) Benzo(a)anthracene	22.02	228	167	1.25	ng/ul#	1
81) Bis(2-ethylhexyl)phthalate	21.85	149	821	12.37	ng/ul#	8
82) Chrysene	22.07	228	650	5.22	ng/ul#	24

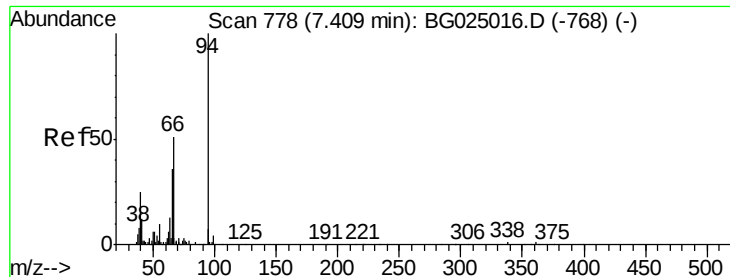
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 01:31:52 2016
Response via : Initial Calibration





#6

Phenol

Concen: 3.45 ng/ul

RT: 7.41 min Scan# 778

Delta R.T. -0.00 min

Lab File: BG025022.D

Acq: 9 Dec 2016 1:13

Instrument :

BNA_G

ClientSampleId :

DA7Z0

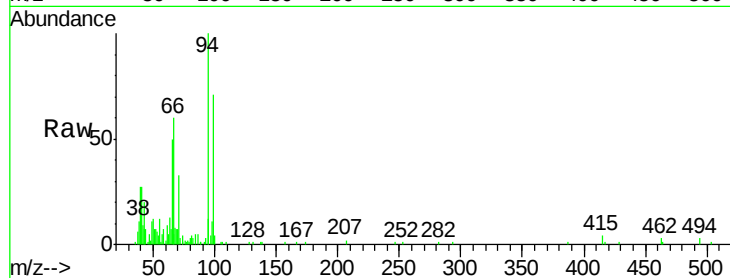
Tgt Ion: 94 Resp: 37308

Ion Ratio Lower Upper

94 100

65 50.2 26.8 40.2#

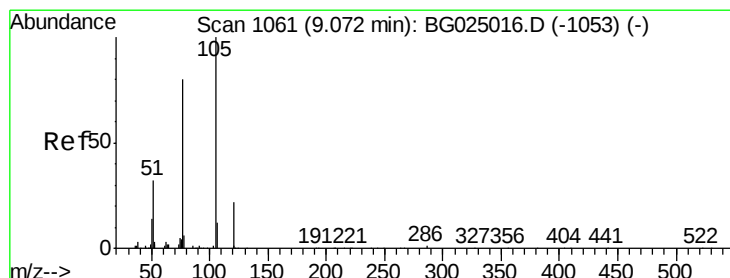
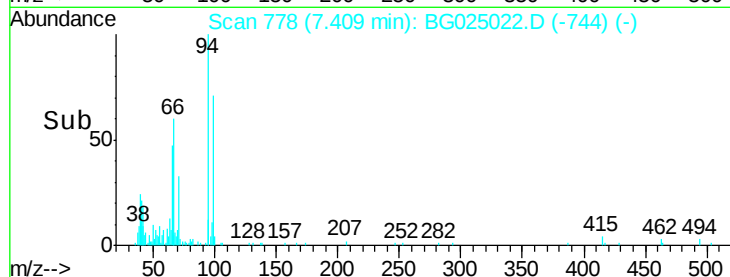
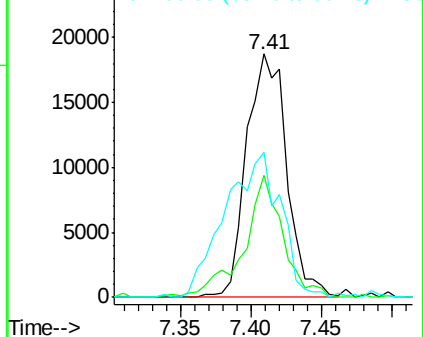
66 59.8 44.4 66.6



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: 2.30 ng/ul

RT: 9.07 min Scan# 1061

Delta R.T. -0.00 min

Lab File: BG025022.D

Acq: 9 Dec 2016 1:13

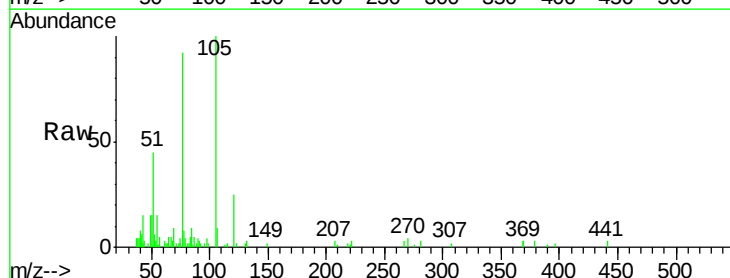
Tgt Ion: 105 Resp: 30848

Ion Ratio Lower Upper

105 100

77 91.9 76.0 114.0

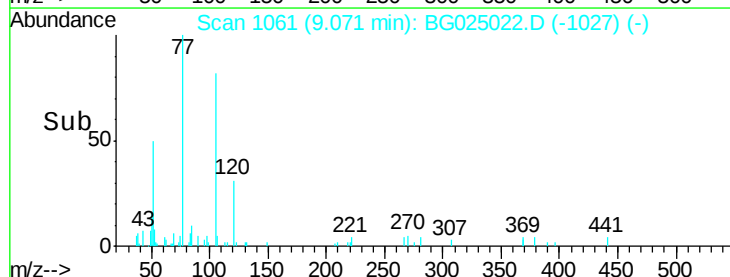
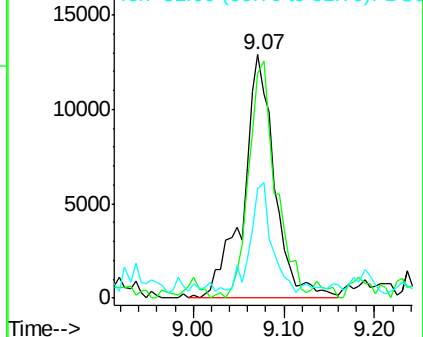
51 44.8 34.8 52.2

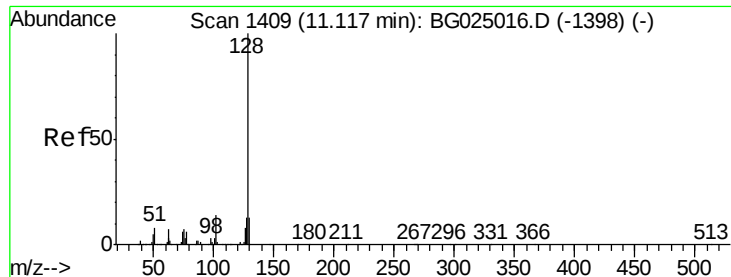


Abundance Ion 105.00 (104.70 to 105.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

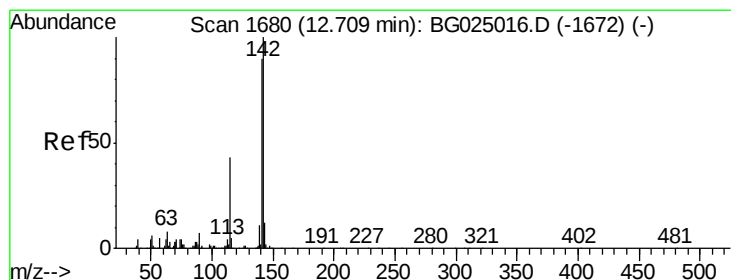
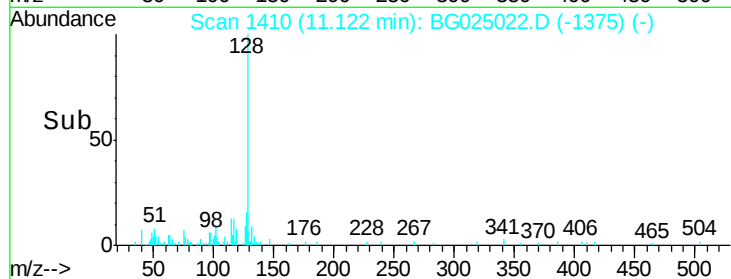
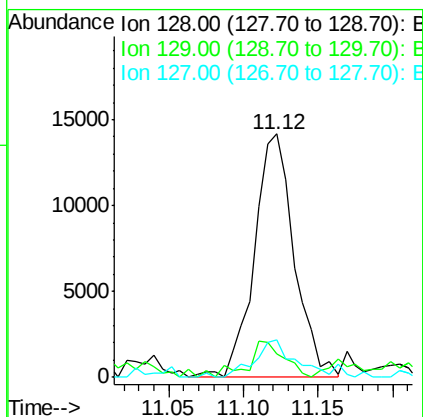
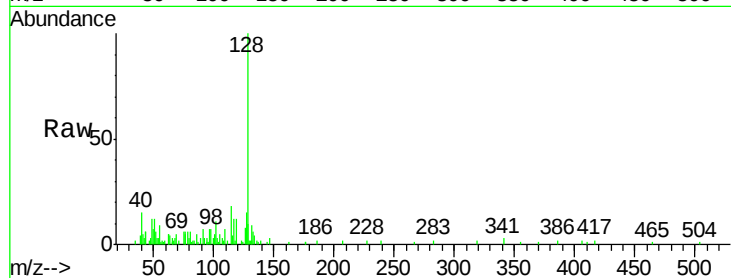




#28
Naphthalene
Concen: 1.16 ng/ul
RT: 11.12 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BG025022.D
Acq: 9 Dec 2016 1:13

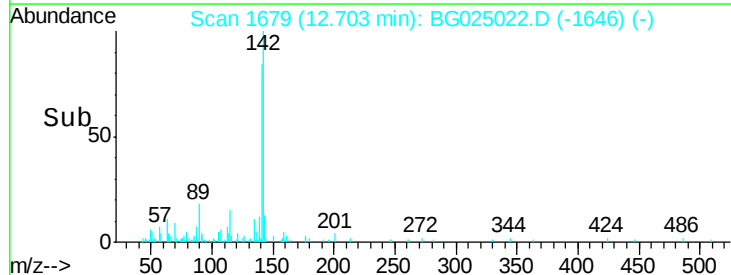
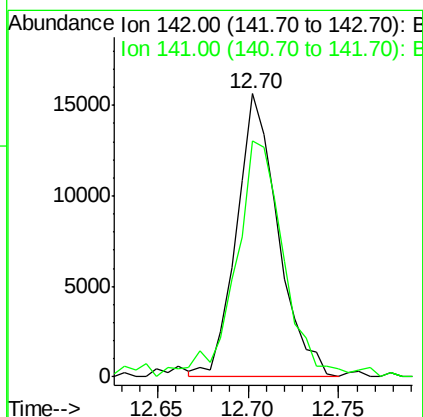
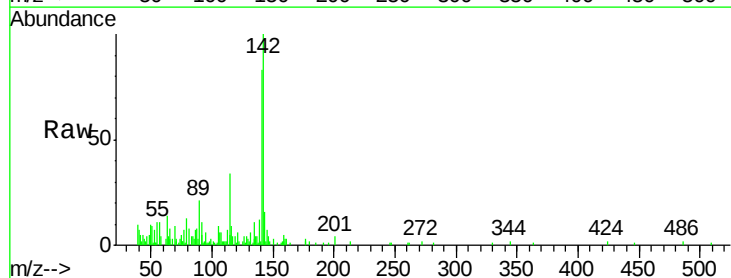
Instrument :
BNA_G
ClientSampleId :
DA7Z0

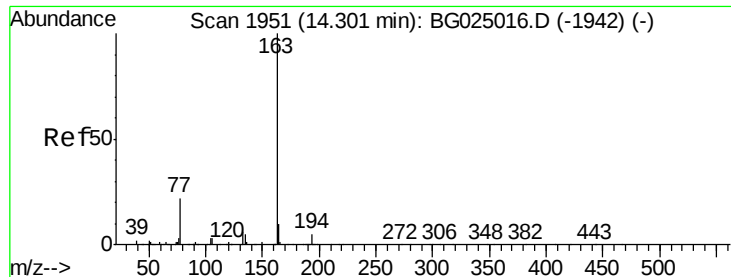
Tgt Ion	Ratio	Lower	Upper
128	100		
129	9.7	9.4	14.2
127	15.4	10.3	15.5



#34
2-Methylnaphthalene
Concen: 1.39 ng/ul
RT: 12.70 min Scan# 1679
Delta R.T. -0.01 min
Lab File: BG025022.D
Acq: 9 Dec 2016 1:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	83.4	68.6	102.8

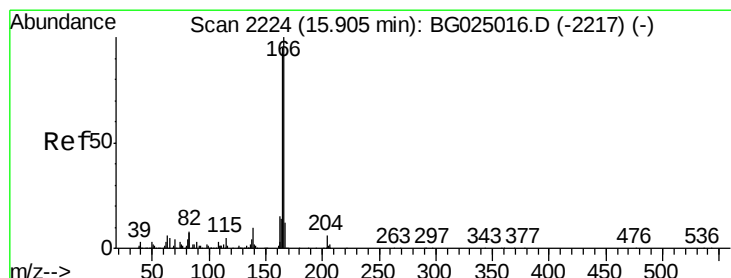
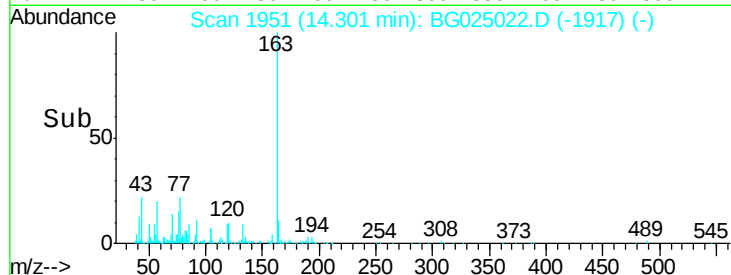
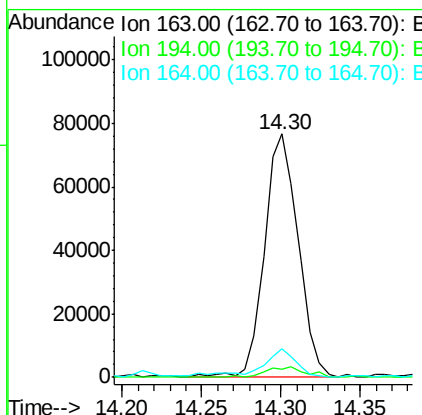
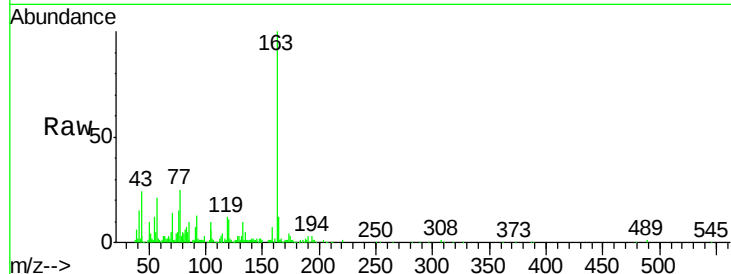




#44
Dimethylphthalate
Concen: 4.32 ng/ul
RT: 14.30 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG025022.D
Acq: 9 Dec 2016 1:13

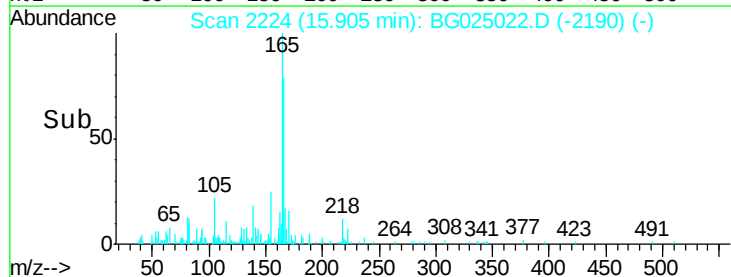
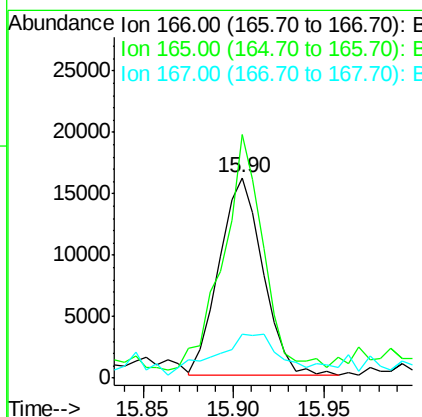
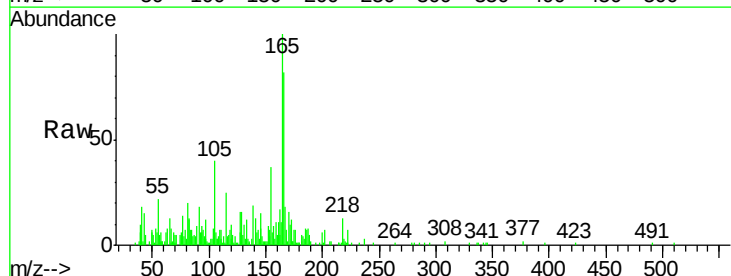
Instrument :
BNA_G
ClientSampleId :
DA7Z0

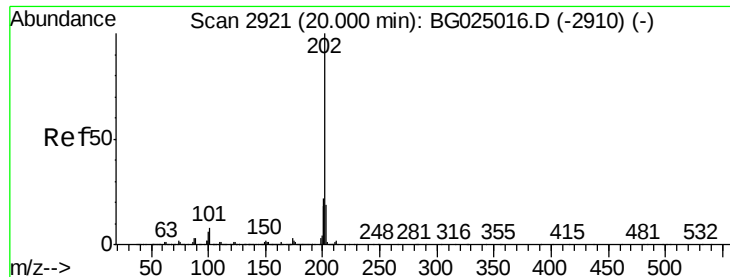
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.4	5.0
164	11.9	9.0	13.4



#58
Fluorene
Concen: 1.08 ng/ul
RT: 15.90 min Scan# 2224
Delta R.T. -0.00 min
Lab File: BG025022.D
Acq: 9 Dec 2016 1:13

Tgt Ion	Ratio	Lower	Upper
166	100		
165	121.4	79.7	119.5#
167	22.2	11.4	17.2#





#77

Pyrene

Concen: 6.31 ng/ul

RT: 20.12 min Scan# 2942

Delta R.T. 0.12 min

Lab File: BG025022.D

Acq: 9 Dec 2016 1:13

Instrument :

BNA_G

ClientSampleId :

DA7Z0

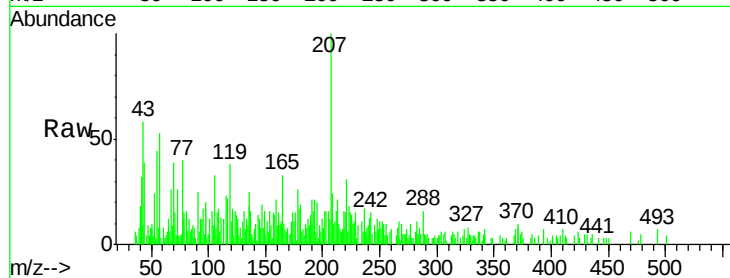
Tgt Ion:202 Resp: 777

Ion Ratio Lower Upper

202 100

101 71.2 6.9 10.3#

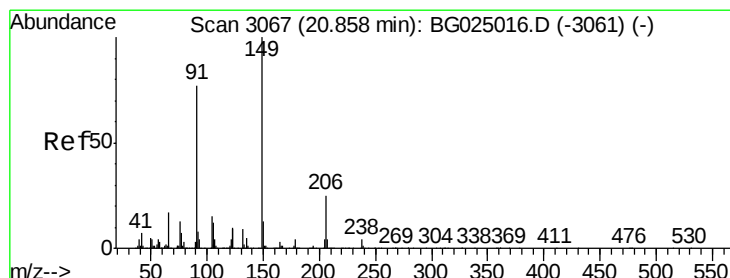
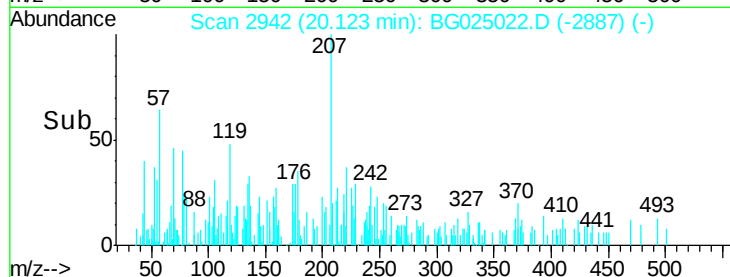
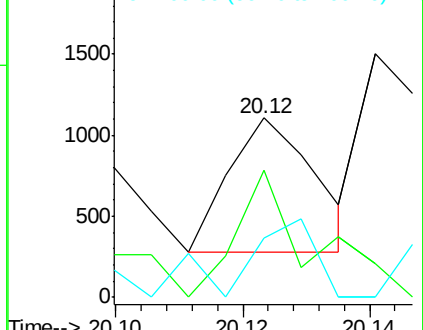
100 33.3 6.6 10.0#



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: 25.56 ng/ul

RT: 21.06 min Scan# 3101

Delta R.T. 0.20 min

Lab File: BG025022.D

Acq: 9 Dec 2016 1:13

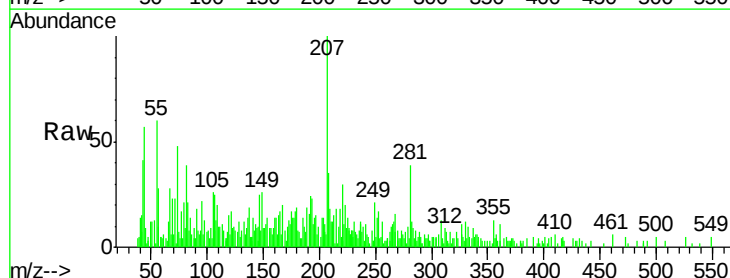
Tgt Ion:149 Resp: 1233

Ion Ratio Lower Upper

149 100

91 70.1 65.8 98.6

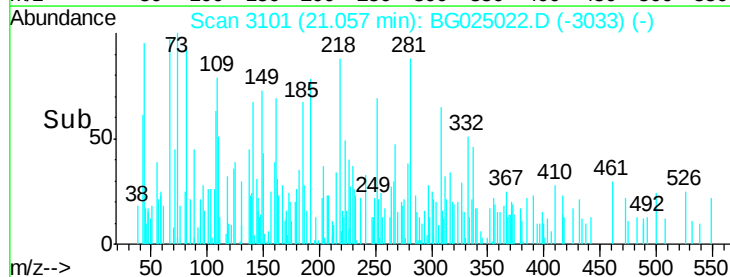
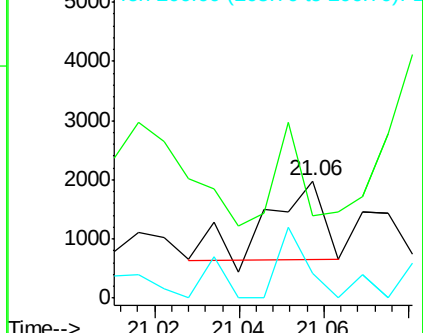
206 21.7 20.1 30.1

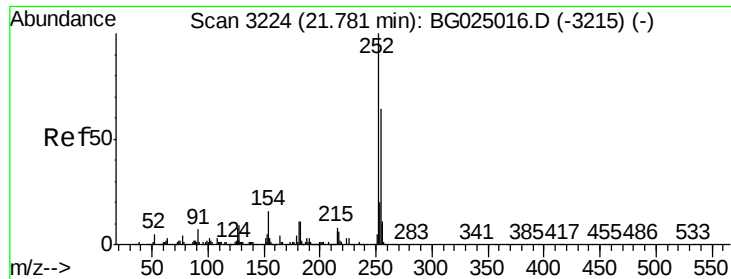


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E

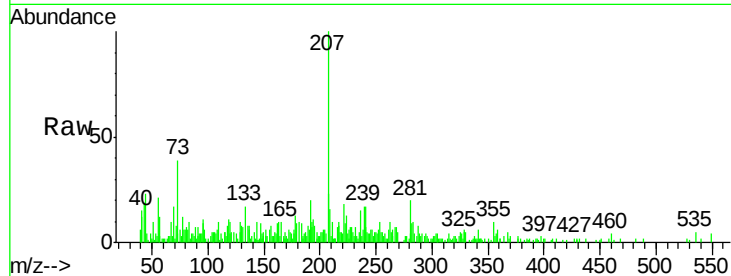




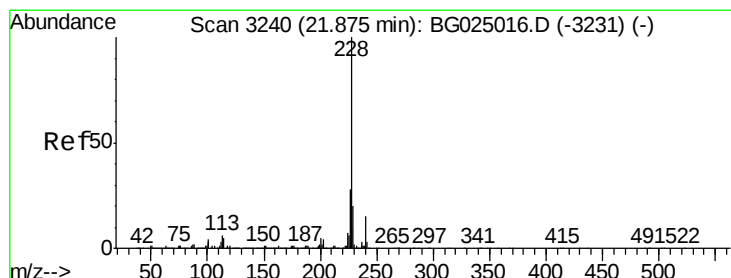
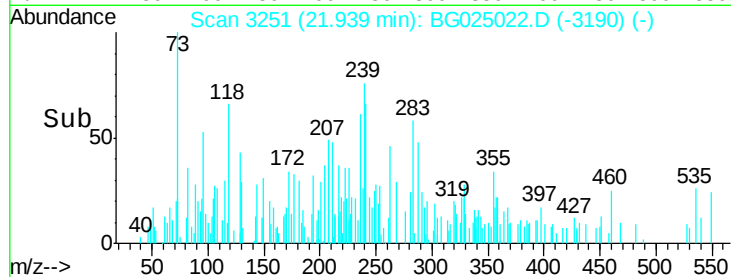
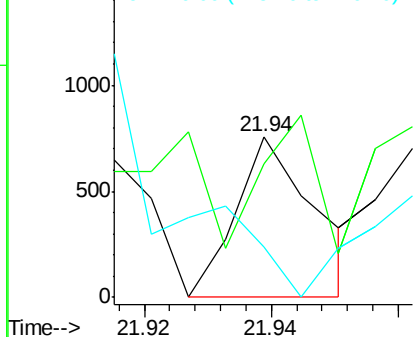
#79
 3,3'-Dichlorobenzidine
 Concen: 14.53 ng/ul
 RT: 21.94 min Scan# 3251
 Delta R.T. 0.16 min
 Lab File: BG025022.D
 Acq: 9 Dec 2016 1:13

Instrument :
 BNA_G
 ClientSampleId :
 DA7Z0

Tgt Ion: 252 Resp: 649
 Ion Ratio Lower Upper
 252 100
 254 83.2 49.0 73.6#
 126 31.0 5.1 7.7#

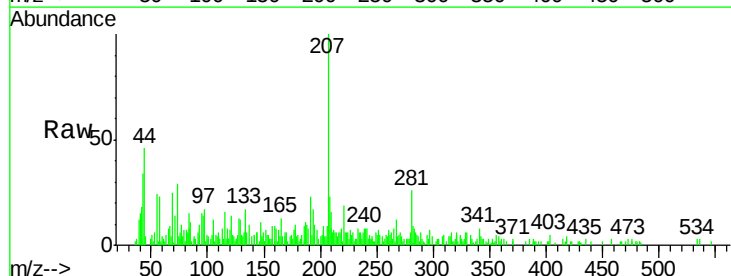


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

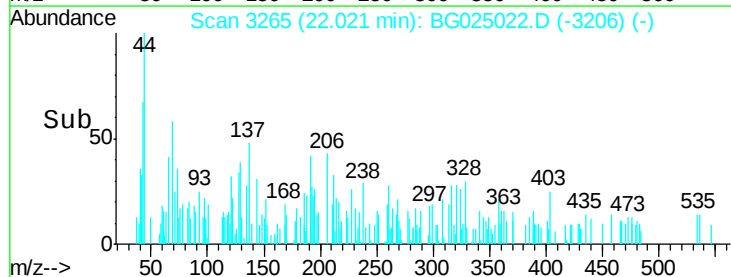
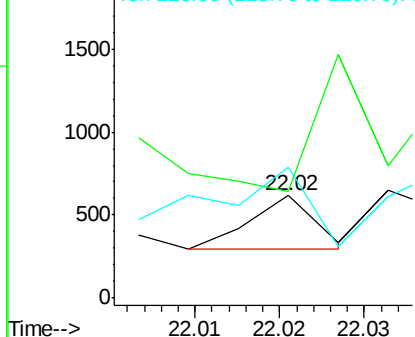


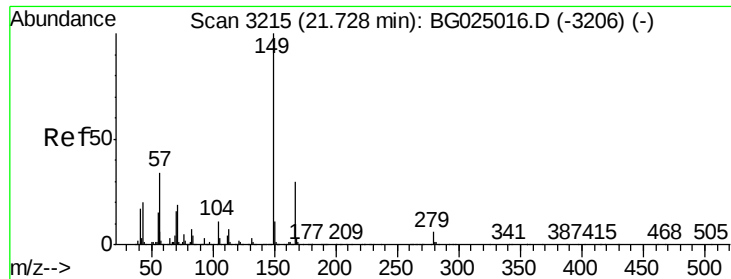
#80
 Benzo(a)anthracene
 Concen: 1.25 ng/ul
 RT: 22.02 min Scan# 3265
 Delta R.T. 0.15 min
 Lab File: BG025022.D
 Acq: 9 Dec 2016 1:13

Tgt Ion: 228 Resp: 167
 Ion Ratio Lower Upper
 228 100
 229 104.1 16.3 24.5#
 226 127.6 21.9 32.9#



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

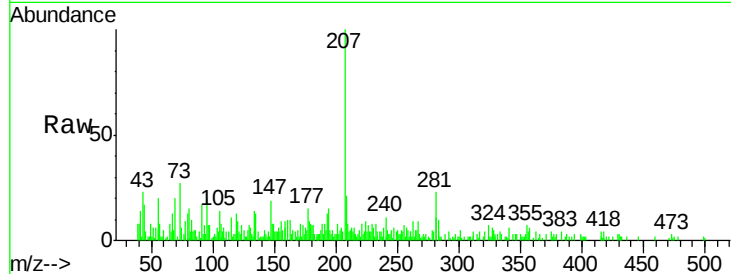




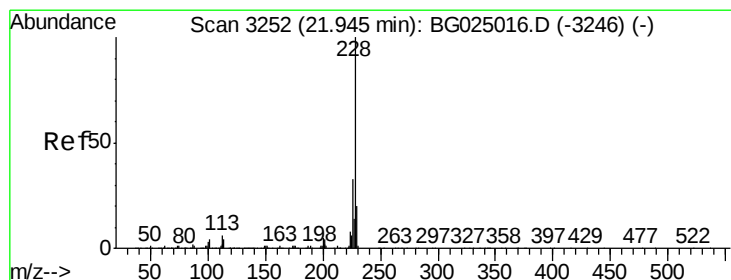
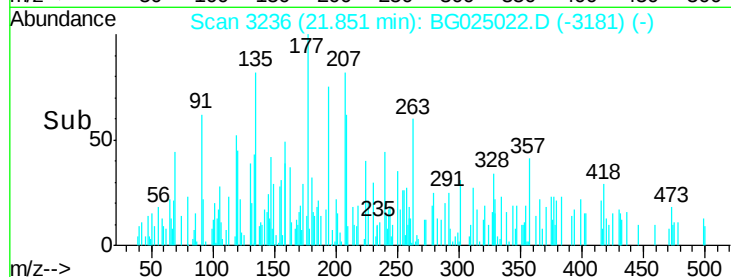
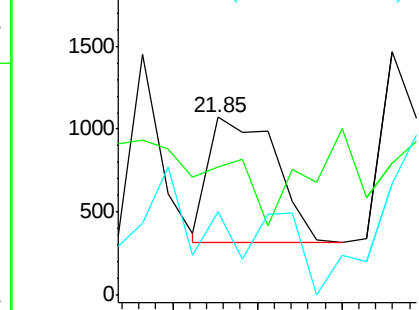
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 12.37 ng/ul
 RT: 21.85 min Scan# 3236
 Delta R.T. 0.12 min
 Lab File: BG025022.D
 Acq: 9 Dec 2016 1:13

Instrument :
 BNA_G
 ClientSampleId :
 DA7Z0

Tgt Ion:149 Resp: 821
 Ion Ratio Lower Upper
 149 100
 167 72.0 21.8 32.8#
 279 47.2 4.5 6.7#

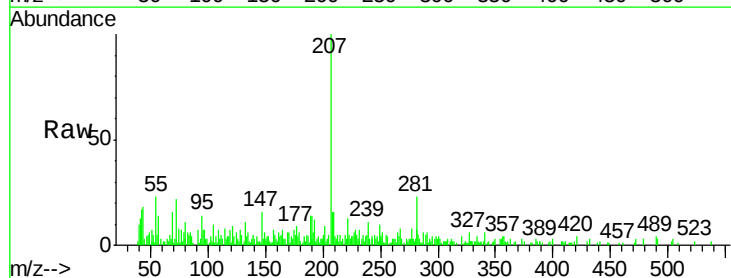


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#82
 Chrysene
 Concen: 5.22 ng/ul
 RT: 22.07 min Scan# 3274
 Delta R.T. 0.13 min
 Lab File: BG025022.D
 Acq: 9 Dec 2016 1:13

Tgt Ion:228 Resp: 650
 Ion Ratio Lower Upper
 228 100
 226 61.8 24.0 36.0#
 229 68.8 16.9 25.3#



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

