

Data Path : Z:\HPCHEM1\BNA_G\Data\BG012916\
 Data File : BG020769.D
 Acq On : 29 Jan 2016 10:55
 Operator : SJ/IZ
 Sample : H1274-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BD1N7

Quant Time: Jan 29 11:32:27 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG012716.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 29 10:13:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	16375	20.00	ng/ul	0.00
18) Naphthalene-d8	11.11	136	88269	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.90	164	55523	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.63	188	128520	20.00	ng/ul	0.00
78) Chrysene-d12	21.92	240	112929	20.00	ng/ul	0.00
86) Perylene-d12	25.32	264	106274	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	478	1.40	ng/uL	0.00
5) Phenol-d5	7.42	99	9346	5.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.60	67	25239	28.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.81	132	27542	21.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	20164	13.95	ng/ul	0.00
19) Nitrobenzene-d5	9.45	128	17543	32.57	ng/ul	0.00
22) 2-Nitrophenol-d4	10.18	143	14896	31.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.72	165	33164	25.73	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	724	0.40	ng/ul	0.00
44) Dimethylphthalate-d6	14.29	166	145605	30.70	ng/ul	0.00
47) Acenaphthylene-d8	14.59	160	178329	30.85	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	4053	4.83	ng/ul	0.00
58) Fluorene-d10	15.88	176	125930	30.37	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.98	200	10025	23.62	ng/ul	0.00
71) Anthracene-d10	17.73	188	191115	30.24	ng/ul	0.00
79) Pyrene-d10	20.00	212	183822	29.99	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.09	264	175856	30.87	ng/ul	0.01

Target Compounds

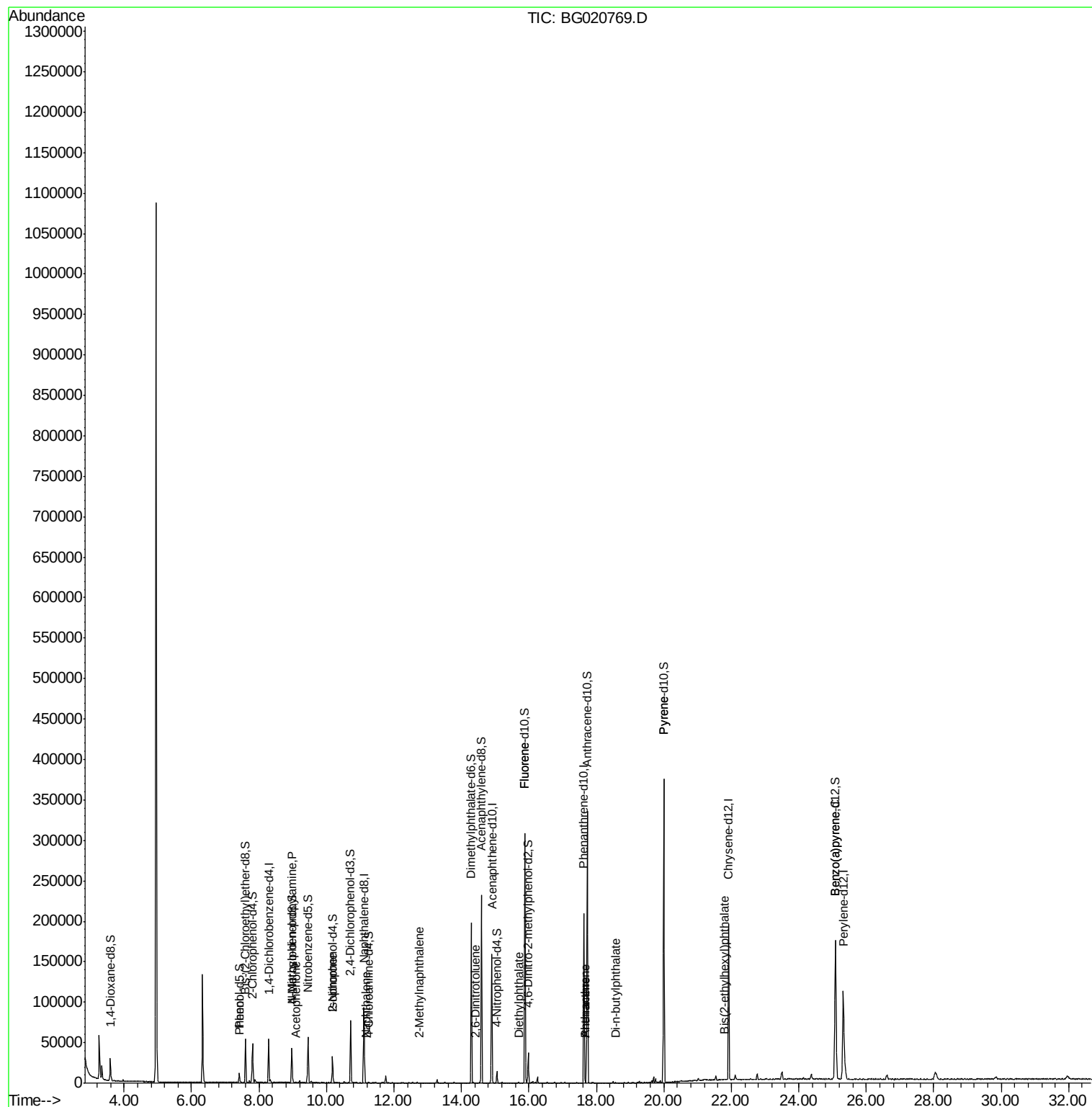
						Qvalue
6) Phenol	7.44	94	194	0.11	ng/ul#	41
14) Acetophenone	9.11	105	256	0.11	ng/ul#	20
15) N-Nitroso-di-n-propylamine	8.97	70	289	0.26	ng/ul#	1
21) Isophorone	10.18	82	683	0.21	ng/ul#	66
28) Naphthalene	11.16	128	478	0.10	ng/ul#	69
34) 2-Methylnaphthalene	12.74	142	116	0.03	ng/ul#	5
46) 2,6-Dinitrotoluene	14.42	165	196	0.30	ng/ul#	33
57) Diethylphthalate	15.69	149	691	0.13	ng/ul#	57
59) Fluorene	15.88	166	219	0.04	ng/ul#	9
70) Phenanthrene	17.67	178	261	0.03	ng/ul#	60
72) Anthracene	17.67	178	261	0.03	ng/ul#	59
76) Di-n-butylphthalate	18.58	149	956	0.11	ng/ul#	78
80) Pyrene	20.00	202	200	0.02	ng/ul#	1
84) Bis(2-ethylhexyl)phthalate	21.80	149	663	0.13	ng/ul#	52
91) Benzo(a)pyrene	25.09	252	162	0.02	ng/ul#	61

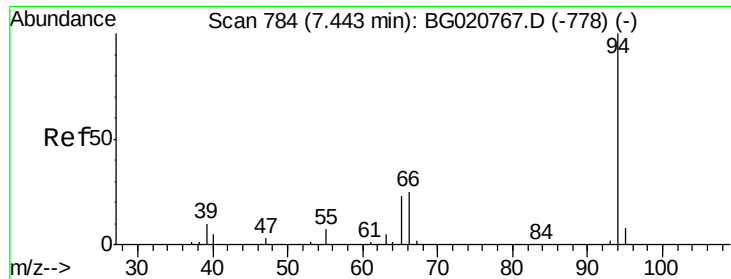
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 0.11 ng/ul

RT: 7.44 min Scan# 783

Delta R.T. -0.01 min

Lab File: BG020769.D

Acq: 29 Jan 2016 10:55

Instrument :

BNA_G

ClientSampleId :

BD1N7

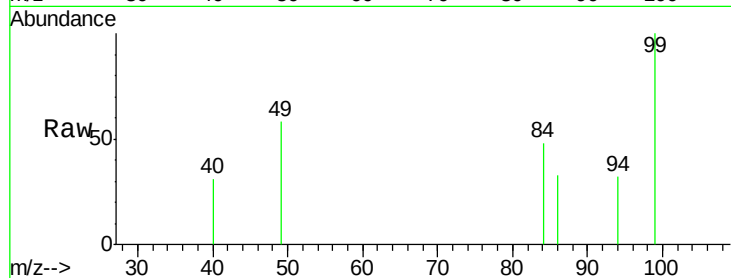
Tgt Ion: 94 Resp: 194

Ion Ratio Lower Upper

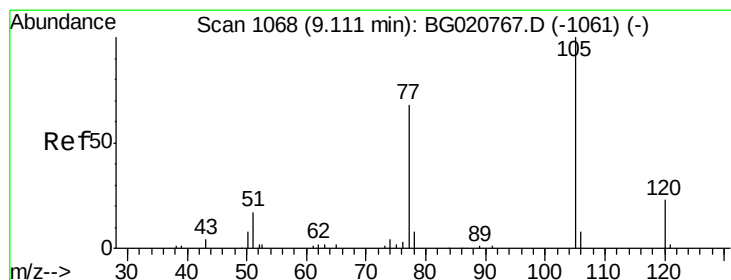
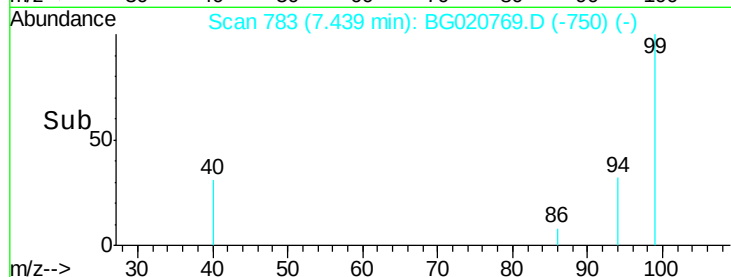
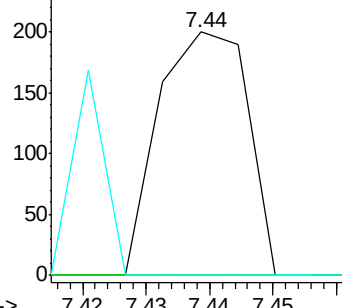
94 100

65 0.0 23.0 34.6#

66 0.0 30.4 45.6#



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: 0.11 ng/ul

RT: 9.11 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BG020769.D

Acq: 29 Jan 2016 10:55

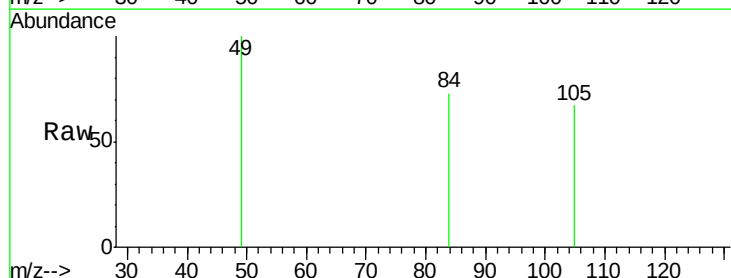
Tgt Ion: 105 Resp: 256

Ion Ratio Lower Upper

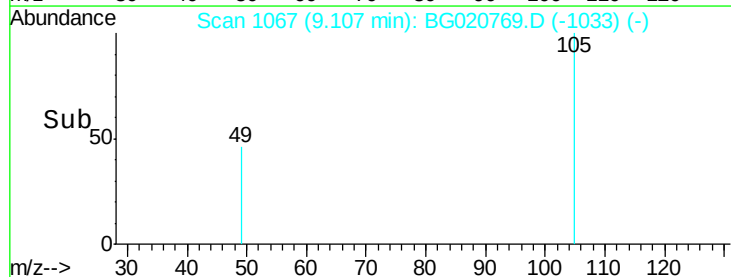
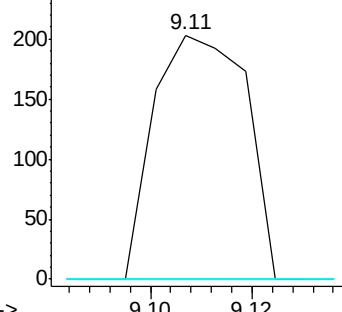
105 100

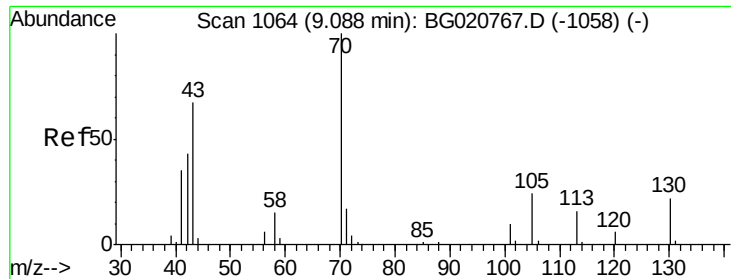
77 0.0 63.2 94.8#

51 0.0 19.8 29.8#



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

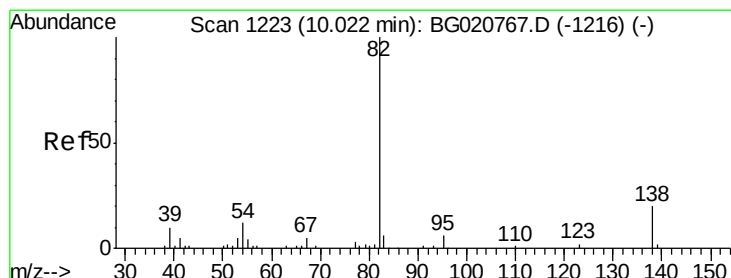
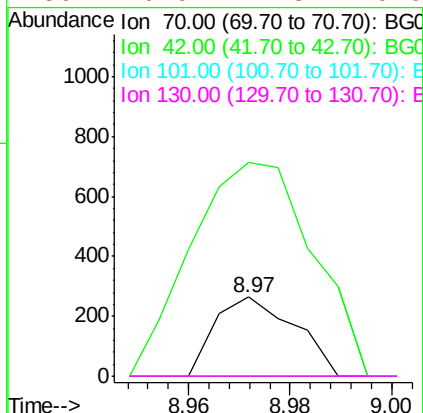
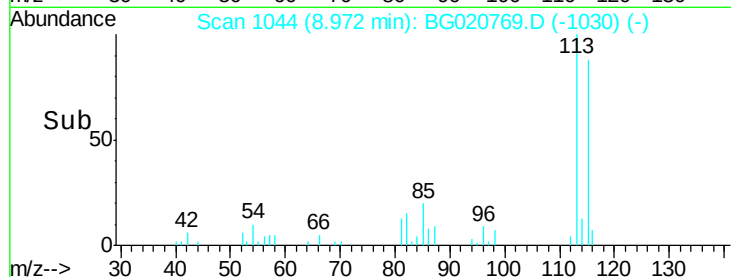
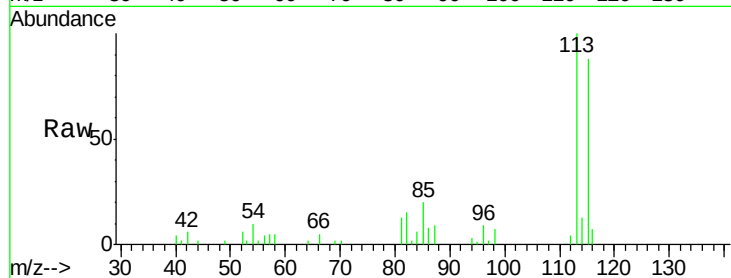




#15
N-Nitroso-di-n-propylamine
Concen: 0.26 ng/ul
RT: 8.97 min Scan# 1044
Delta R.T. -0.12 min
Lab File: BG020769.D
Acq: 29 Jan 2016 10:55

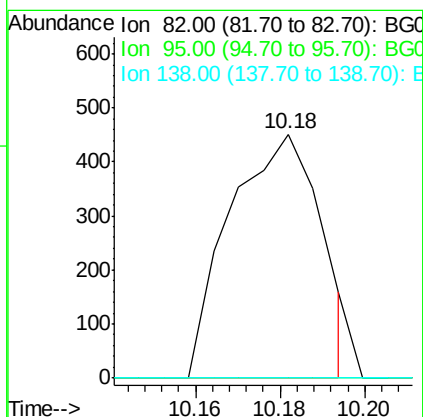
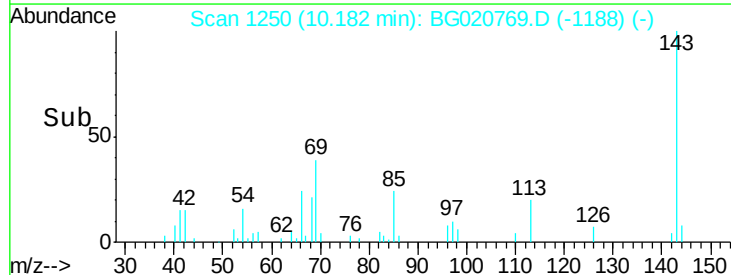
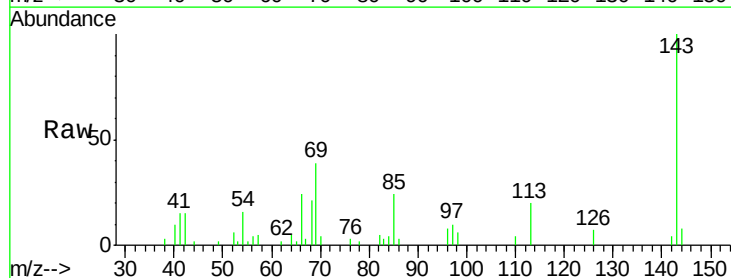
Instrument :
BNA_G
ClientSampleId :
BD1N7

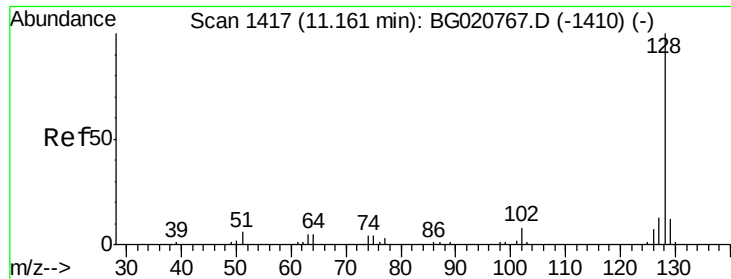
Tgt Ion: 70 Resp: 289
Ion Ratio Lower Upper
70 100
42 269.1 40.2 60.4#
101 0.0 7.7 11.5#
130 0.0 17.8 26.6#



#21
Isophorone
Concen: 0.21 ng/ul
RT: 10.18 min Scan# 1250
Delta R.T. 0.17 min
Lab File: BG020769.D
Acq: 29 Jan 2016 10:55

Tgt Ion: 82 Resp: 683
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.5 20.3#

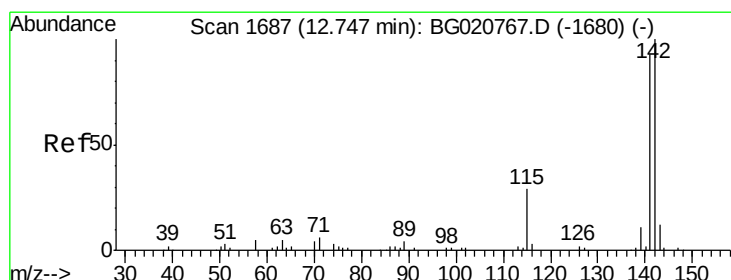
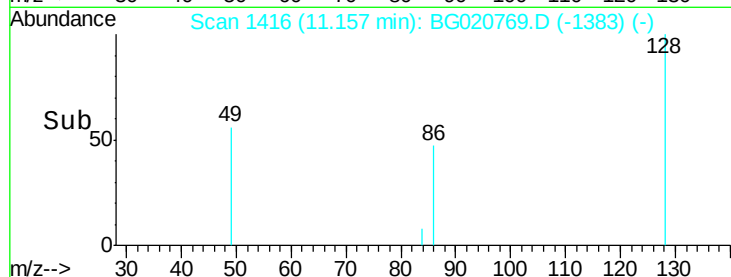
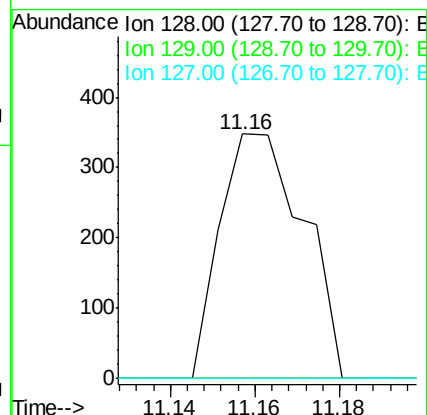
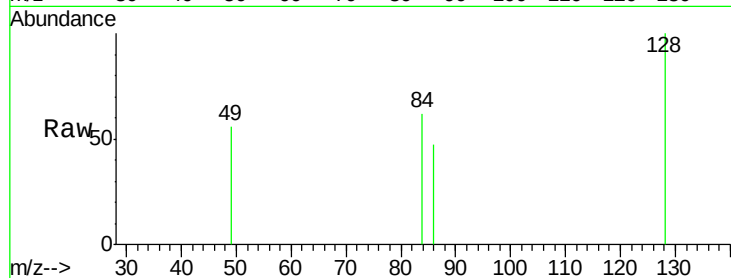




#28
Naphthalene
Concen: 0.10 ng/ul
RT: 11.16 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BG020769.D
Acq: 29 Jan 2016 10:55

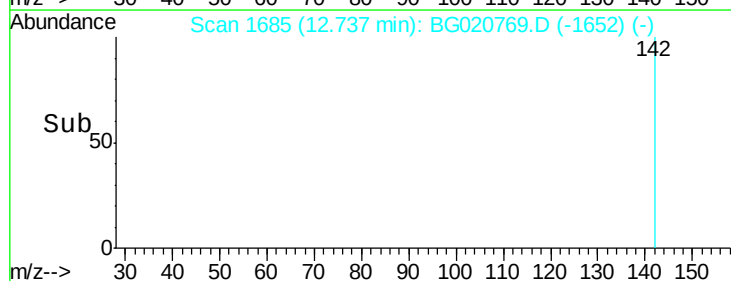
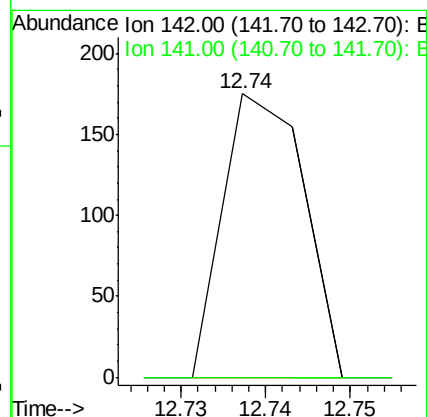
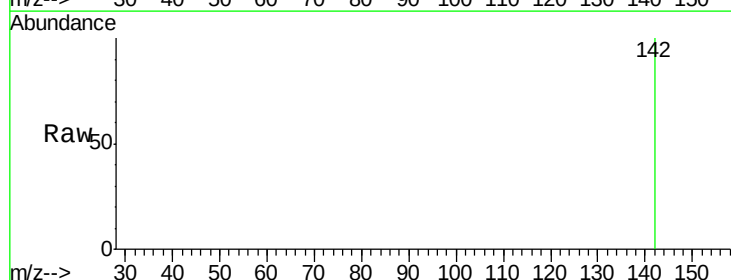
Instrument :
BNA_G
ClientSampleId :
BD1N7

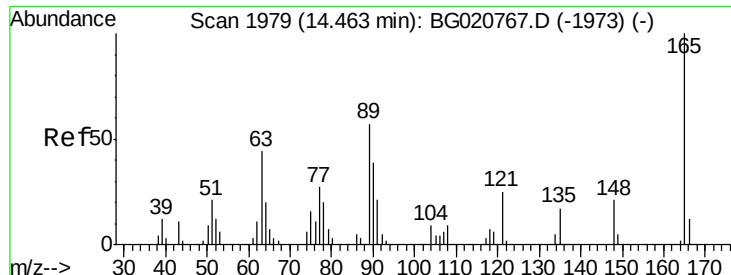
Tgt Ion:128 Resp: 478
Ion Ratio Lower Upper
128 100
129 0.0 8.3 12.5#
127 0.0 10.8 16.2#



#34
2-Methylnaphthalene
Concen: 0.03 ng/ul
RT: 12.74 min Scan# 1685
Delta R.T. -0.01 min
Lab File: BG020769.D
Acq: 29 Jan 2016 10:55

Tgt Ion:142 Resp: 116
Ion Ratio Lower Upper
142 100
141 0.0 71.4 107.2#

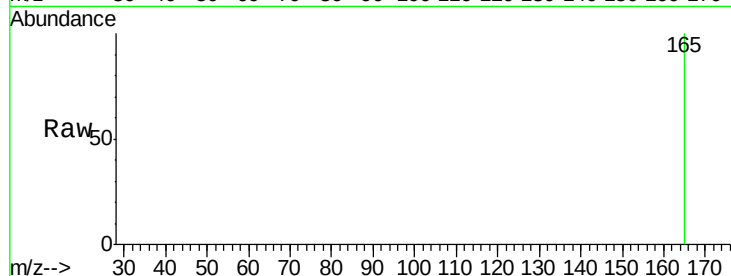




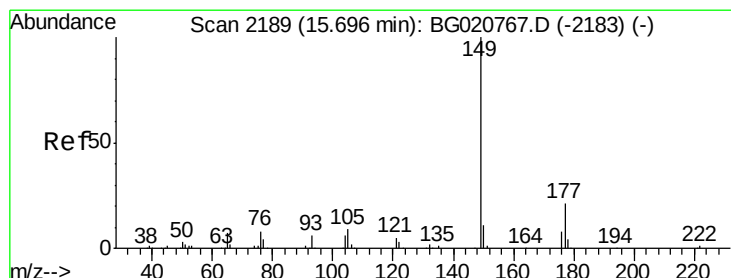
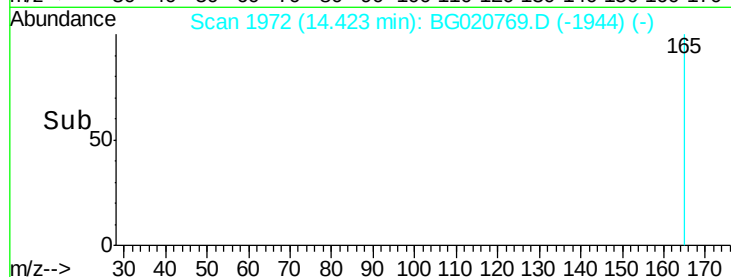
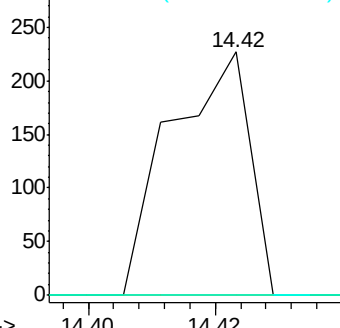
#46
 2,6-Dinitrotoluene
 Concen: 0.30 ng/ul
 RT: 14.42 min Scan# 1972
 Delta R.T. -0.03 min
 Lab File: BG020769.D
 Acq: 29 Jan 2016 10:55

Instrument :
 BNA_G
 ClientSampleId :
 BD1N7

Tgt Ion:165 Resp: 196
 Ion Ratio Lower Upper
 165 100
 89 0.0 43.8 65.8#
 121 0.0 17.8 26.6#

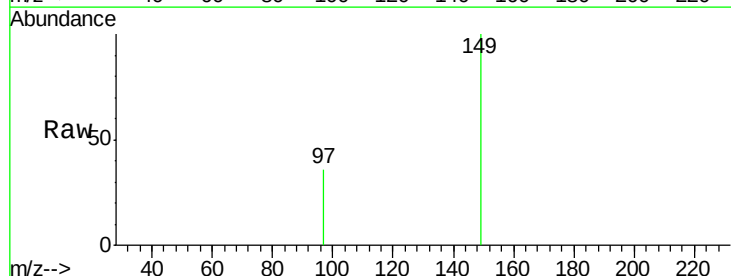


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BG
 Ion 121.00 (120.70 to 121.70): E

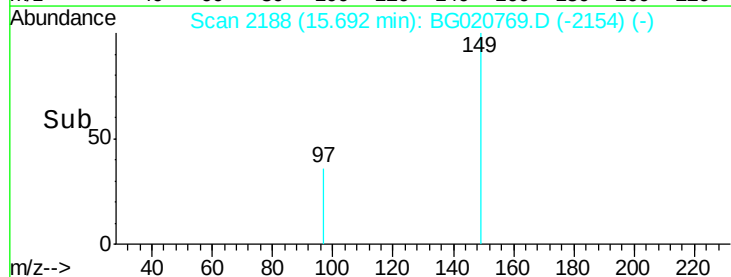
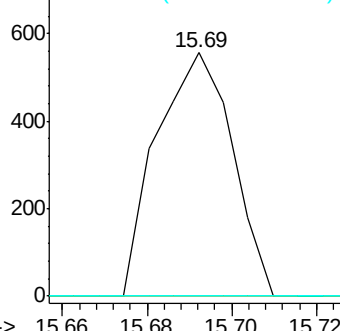


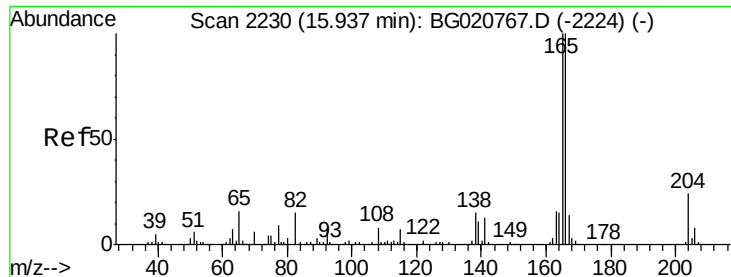
#57
 Diethylphthalate
 Concen: 0.13 ng/ul
 RT: 15.69 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: BG020769.D
 Acq: 29 Jan 2016 10:55

Tgt Ion:149 Resp: 691
 Ion Ratio Lower Upper
 149 100
 177 0.0 19.3 28.9#
 150 0.0 10.6 15.8#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





#59

Fluorene

Concen: 0.04 ng/ul

RT: 15.88 min Scan# 2220

Delta R.T. -0.06 min

Lab File: BG020769.D

Acq: 29 Jan 2016 10:55

Instrument :

BNA_G

ClientSampleId :

BD1N7

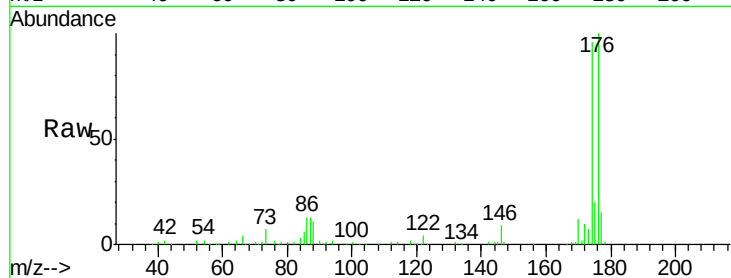
Tgt Ion:166 Resp: 219

Ion Ratio Lower Upper

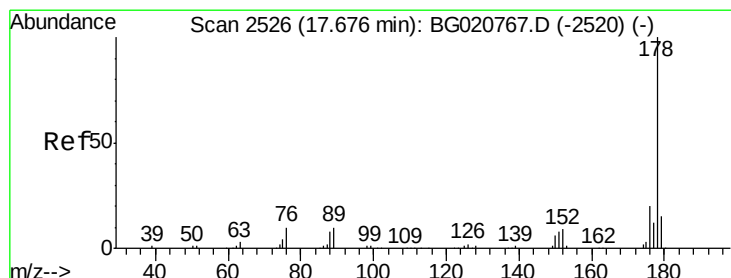
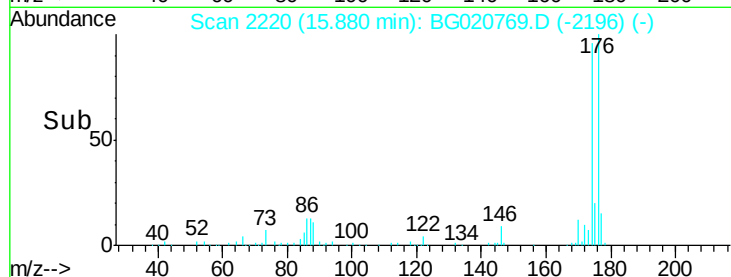
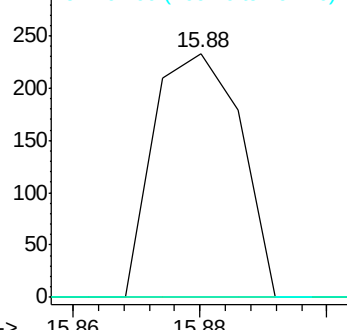
166 100

165 0.0 78.4 117.6#

167 0.0 11.1 16.7#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#70

Phenanthrene

Concen: 0.03 ng/ul

RT: 17.67 min Scan# 2525

Delta R.T. -0.01 min

Lab File: BG020769.D

Acq: 29 Jan 2016 10:55

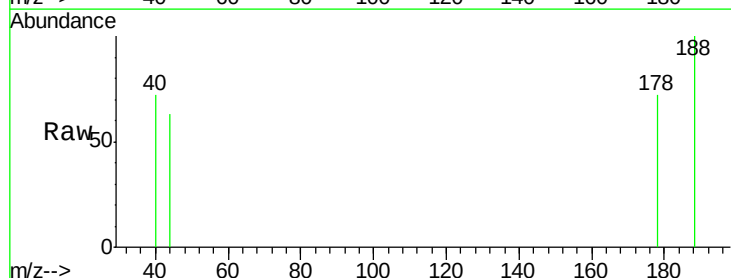
Tgt Ion:178 Resp: 261

Ion Ratio Lower Upper

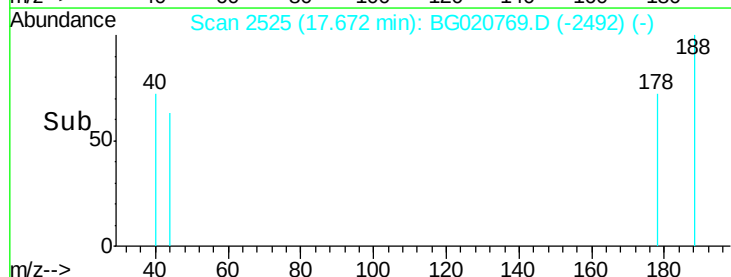
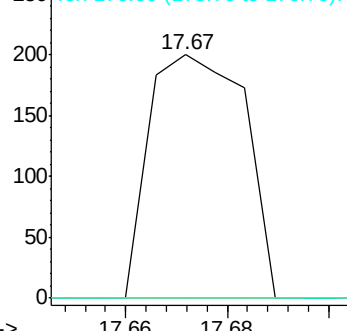
178 100

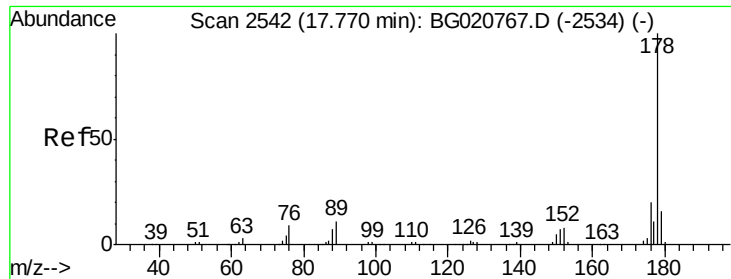
179 0.0 12.3 18.5#

176 0.0 15.4 23.0#



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 0.03 ng/ul

RT: 17.67 min Scan# 2525

Delta R.T. -0.09 min

Lab File: BG020769.D

Acq: 29 Jan 2016 10:55

Instrument :

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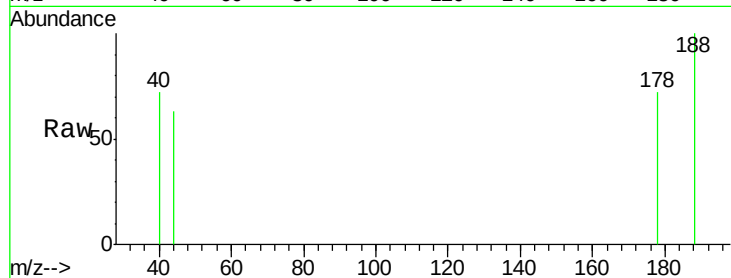
Tgt Ion:178 Resp: 261

Ion Ratio Lower Upper

178 100

179 0.0 13.4 20.2#

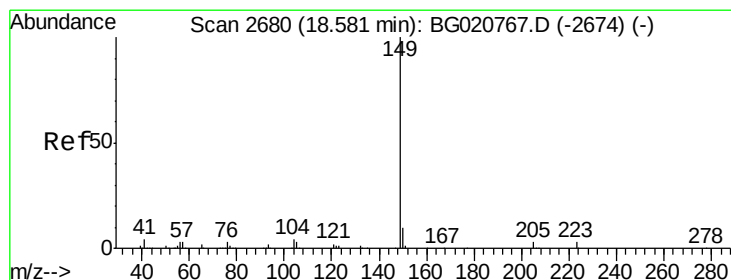
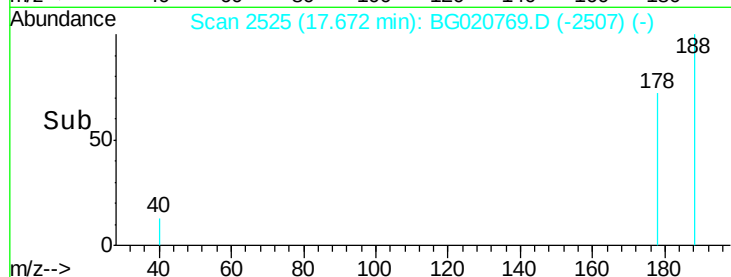
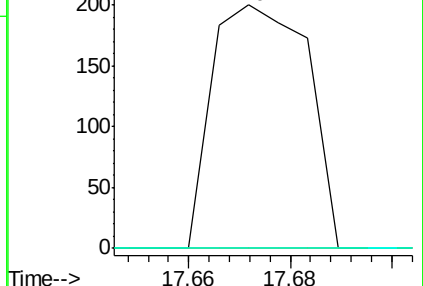
176 0.0 15.4 23.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#76

Di-n-butylphthalate

Concen: 0.11 ng/ul

RT: 18.58 min Scan# 2679

Delta R.T. 0.00 min

Lab File: BG020769.D

Acq: 29 Jan 2016 10:55

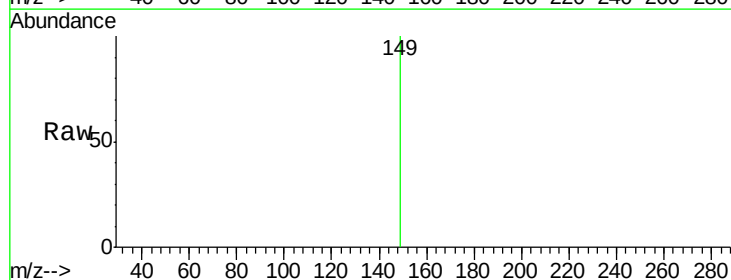
Tgt Ion:149 Resp: 956

Ion Ratio Lower Upper

149 100

150 0.0 7.5 11.3#

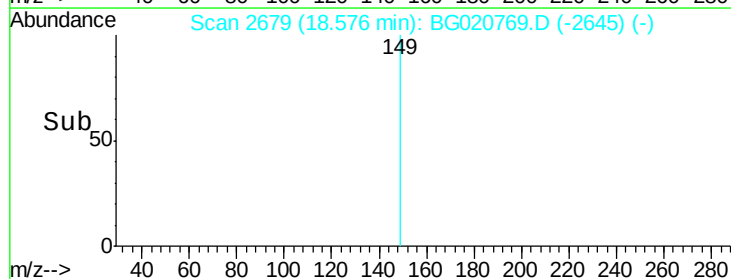
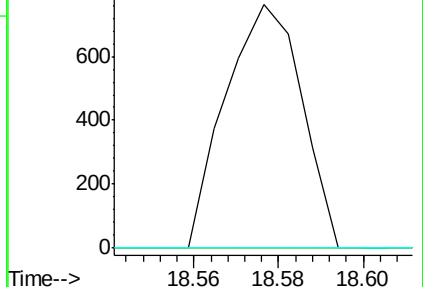
104 0.0 4.1 6.1#

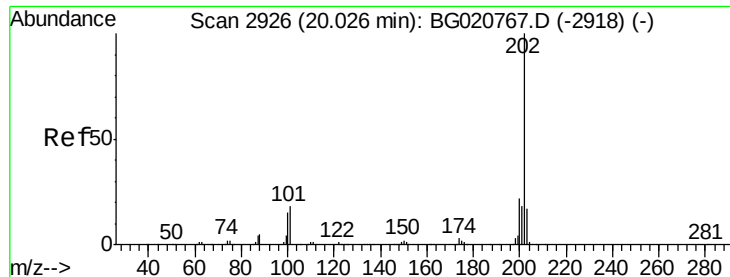


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

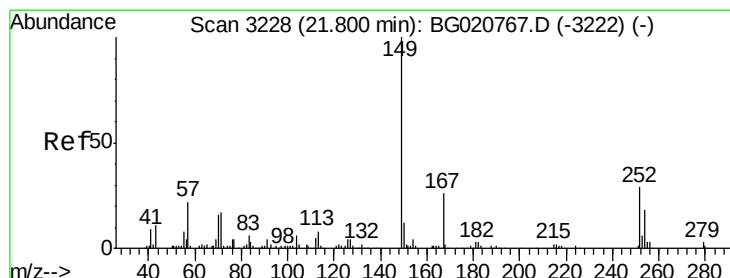
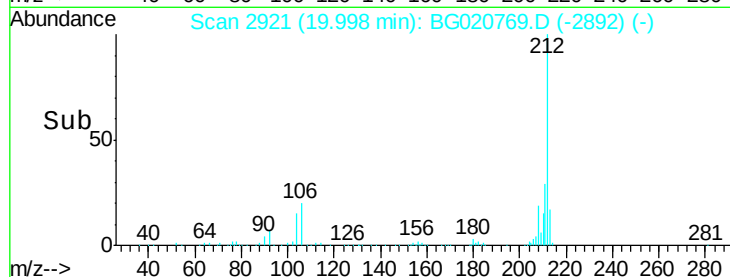
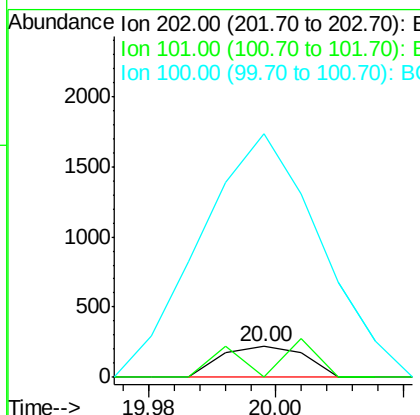
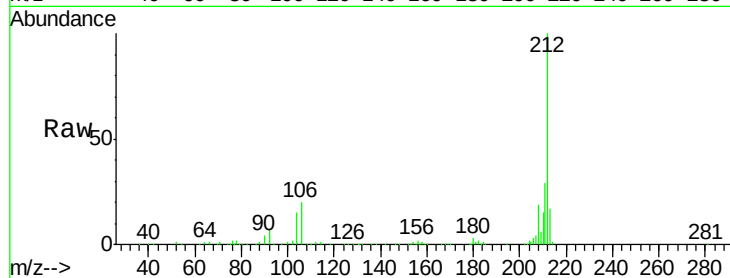




#80
 Pyrene
 Concen: 0.02 ng/ul
 RT: 20.00 min Scan# 2921
 Delta R.T. -0.03 min
 Lab File: BG020769.D
 Acq: 29 Jan 2016 10:55

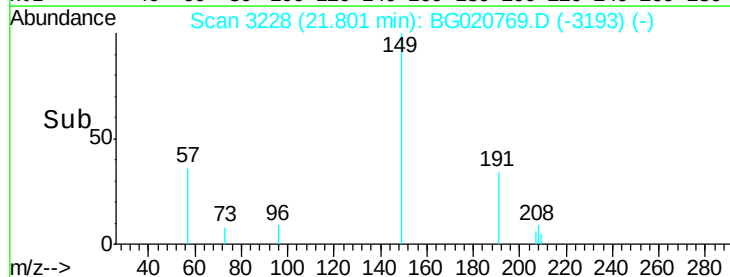
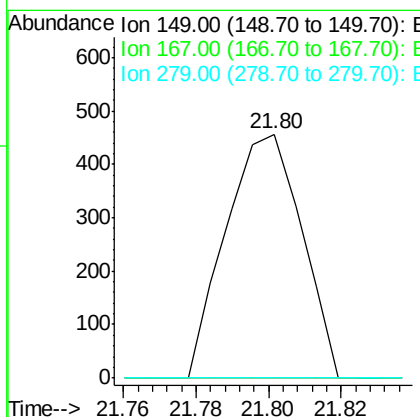
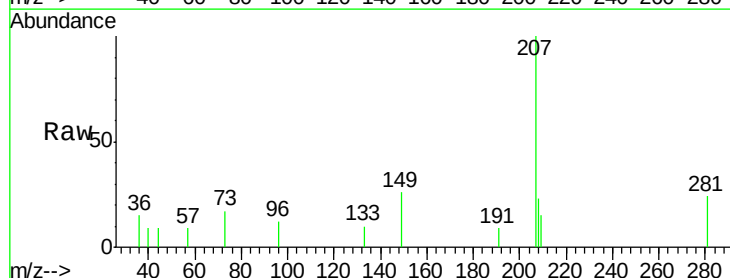
Instrument :
 BNA_G
 ClientSampleId :
 BD1N7

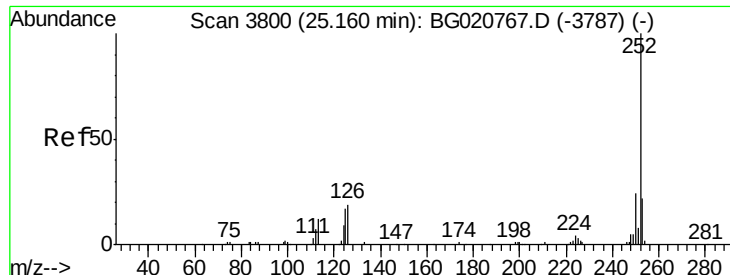
Tgt Ion	Ratio	Lower	Upper
202	100		
101	0.0	6.9	10.3#
100	787.7	5.6	8.4#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.13 ng/ul
 RT: 21.80 min Scan# 3228
 Delta R.T. 0.01 min
 Lab File: BG020769.D
 Acq: 29 Jan 2016 10:55

Tgt Ion	Ratio	Lower	Upper
149	100		
167	0.0	23.0	34.6#
279	0.0	4.3	6.5#





#91

Benzo(a)pyrene

Concen: 0.02 ng/ul

RT: 25.09 min Scan# 3788

Delta R.T. -0.06 min

Lab File: BG020769.D

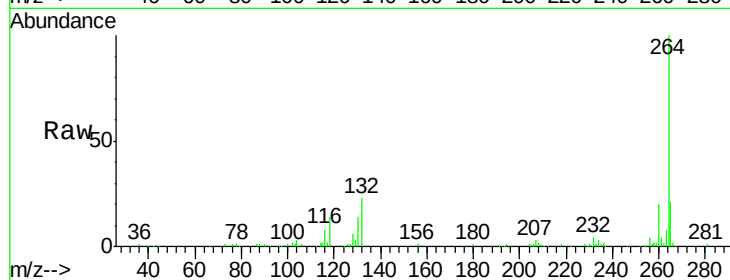
Acq: 29 Jan 2016 10:55

Instrument :

BNA_G

ClientSampleId :

BD1N7



Tgt Ion:	252	Resp:	162
Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.2	25.8#
125	0.0	5.8	8.6#

