

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
 Data File : BG021227.D
 Acq On : 3 Mar 2016 00:56
 Operator : UM/SJ
 Sample : H1640-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 03 05:39:37 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 11:46:16 2016
 Response via : Initial Calibration

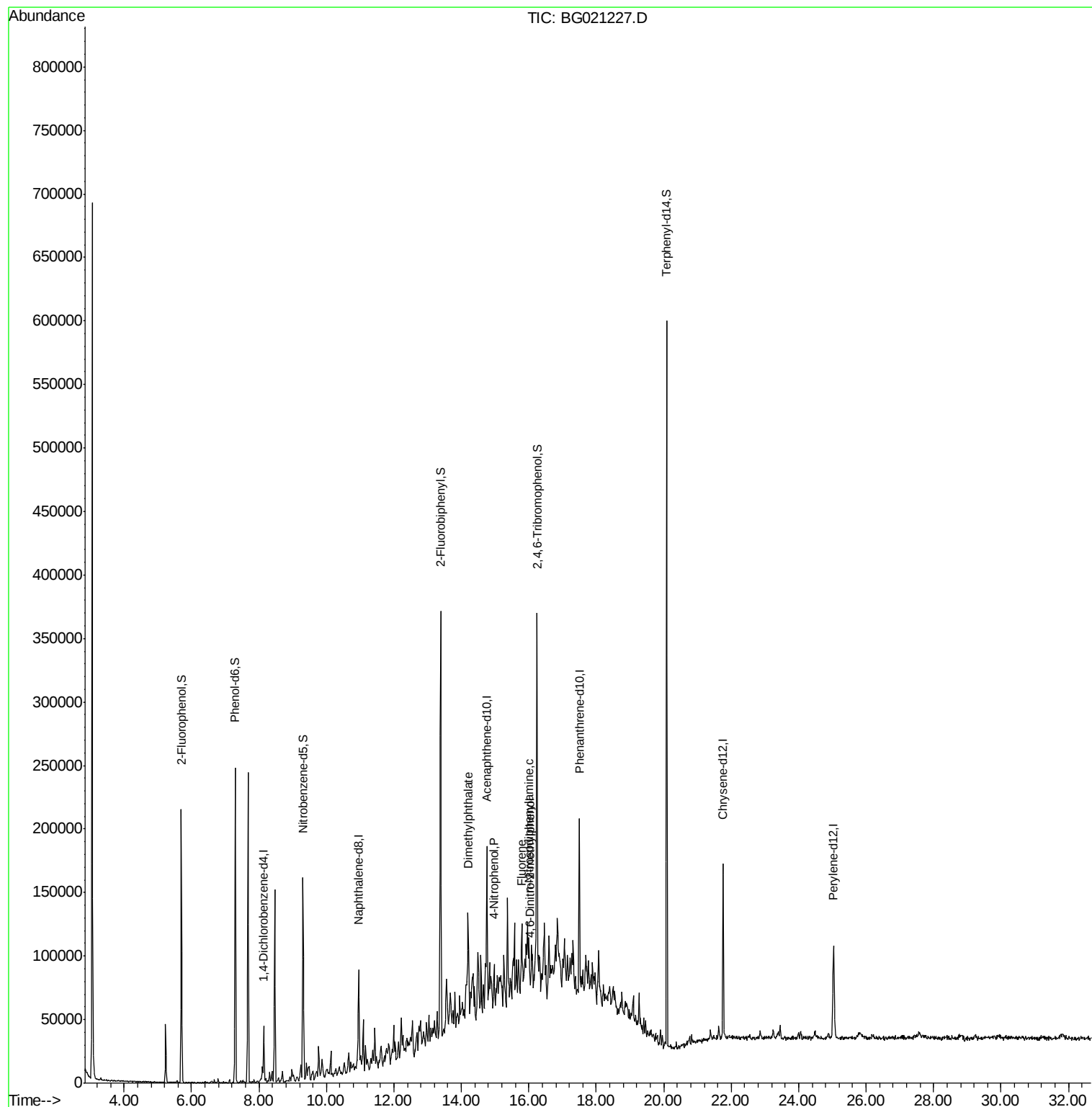
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	11026	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	56122	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	33312	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	70862	20.00	ng	0.00
75) Chrysene-d12	21.76	240	75170	20.00	ng	0.00
86) Perylene-d12	25.04	264	71851	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	81973	118.19	ng	0.00
7) Phenol-d6	7.30	99	136433	119.63	ng	0.00
23) Nitrobenzene-d5	9.31	82	100390	75.69	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	39626	114.33	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	162804	69.40	ng	0.00
78) Terphenyl-d14	20.08	244	225700	72.74	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.20	163	42157	14.20	ng	# 97
55) 4-Nitrophenol	14.96	139	1372	2.40	ng	# 3
57) Fluorene	15.80	166	7791	2.77	ng	# 95
64) 4,6-Dinitro-2-methylphenol	16.04	198	67	4.95	ng	# 1
65) n-Nitrosodiphenylamine	16.00	169	11894	5.46	ng	# 44

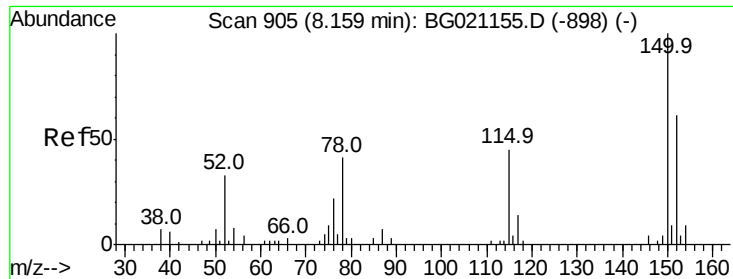
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 02 11:46:16 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 902

Delta R.T. -0.02 min

Lab File: BG021227.D

Acq: 3 Mar 2016 00:56

Instrument :

BNA_G

ClientSampleId :

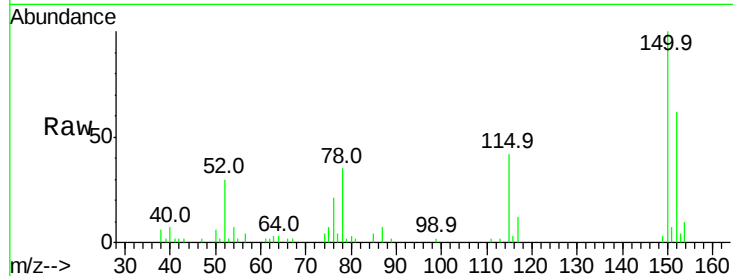
Tot Ion:152 Resp: 11026

Ion Ratio Lower Upper

152 100

150 160.1 123.4 185.2

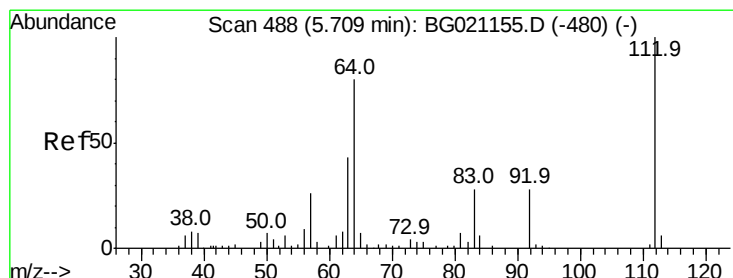
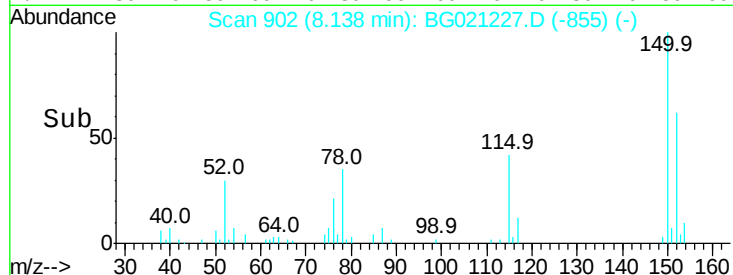
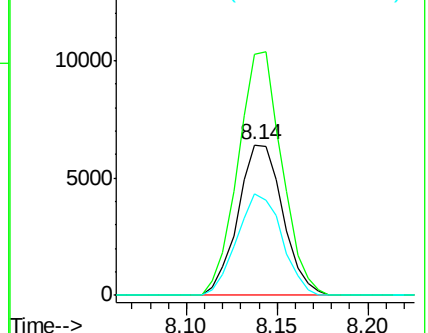
115 67.2 43.3 64.9#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 118.19 ng

RT: 5.70 min Scan# 487

Delta R.T. -0.01 min

Lab File: BG021227.D

Acq: 3 Mar 2016 00:56

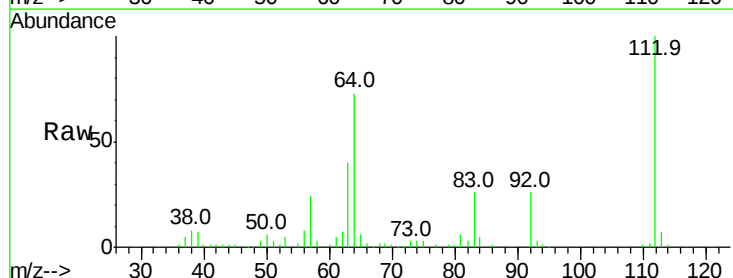
Tgt Ion:112 Resp: 81973

Ion Ratio Lower Upper

112 100

64 72.8 42.6 63.8#

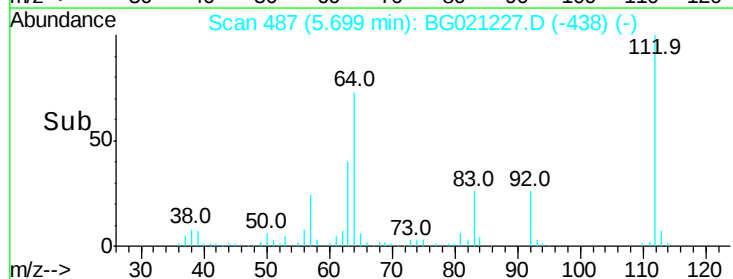
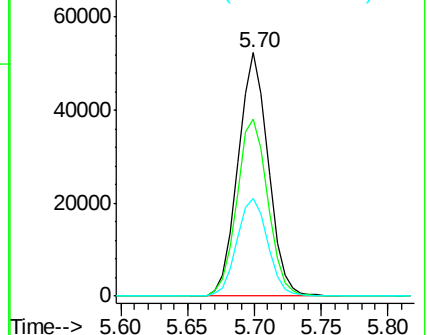
63 40.3 21.7 32.5#

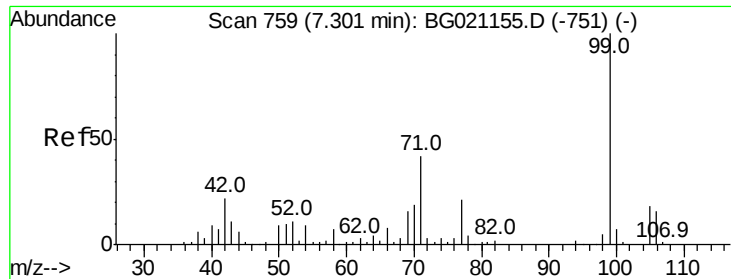


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 119.63 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.00 min

Lab File: BG021227.D

Acq: 3 Mar 2016 00:56

Instrument :

BNA_G

ClientSampleId :

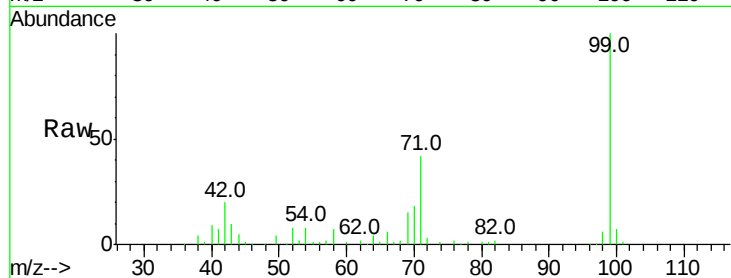
Tot Ion: 99 Resp: 136433

Ion Ratio Lower Upper

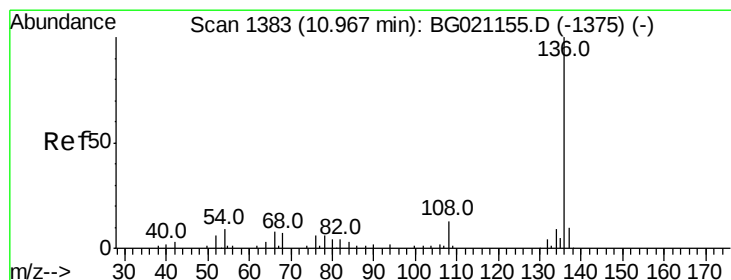
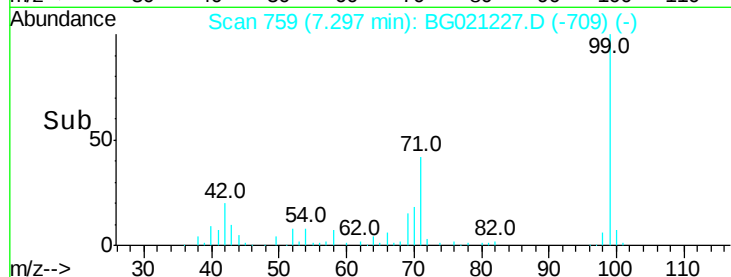
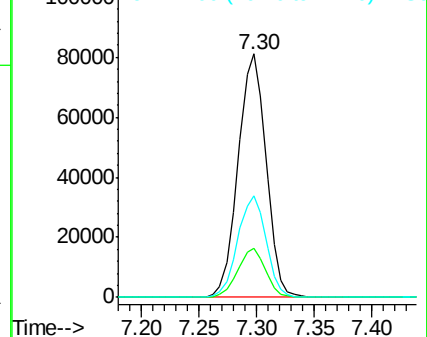
99 100

42 20.2 13.2 19.8#

71 41.8 25.2 37.8#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.95 min Scan# 1381

Delta R.T. -0.02 min

Lab File: BG021227.D

Acq: 3 Mar 2016 00:56

Tgt Ion: 136 Resp: 56122

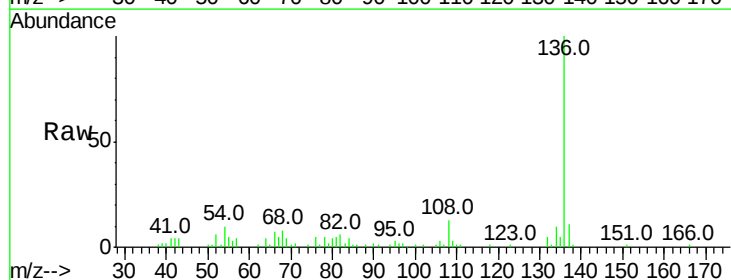
Ion Ratio Lower Upper

136 100

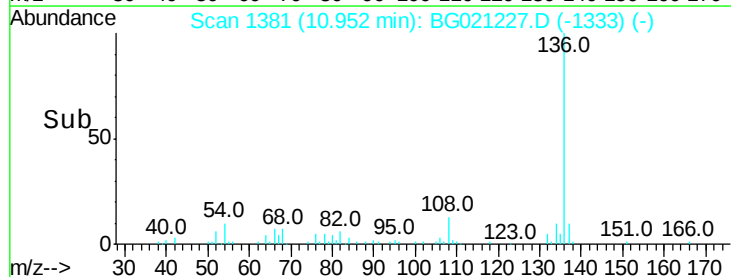
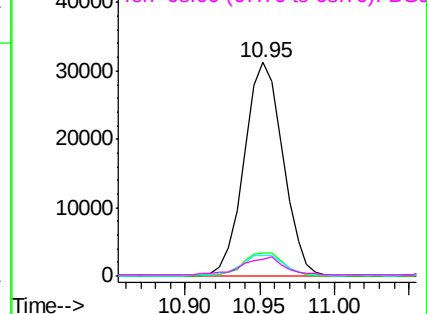
137 10.8 8.8 13.2

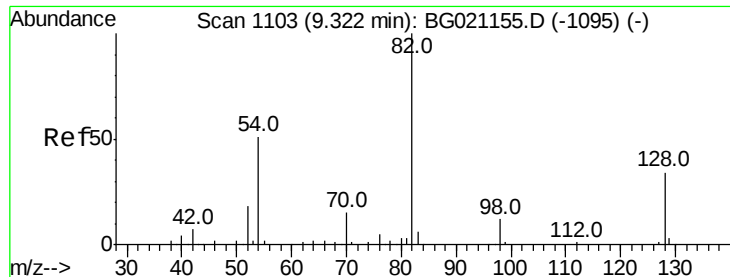
54 9.8 6.9 10.3

68 7.7 5.8 8.6



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

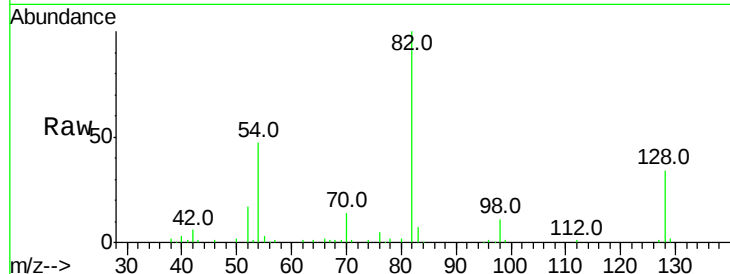




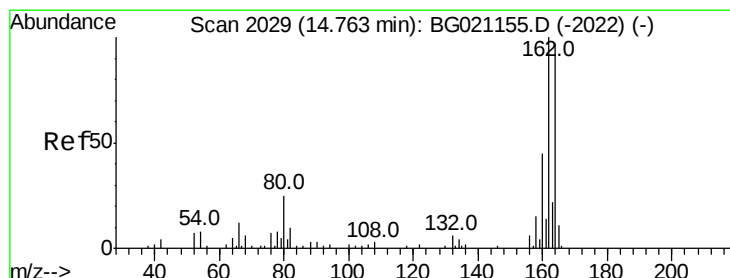
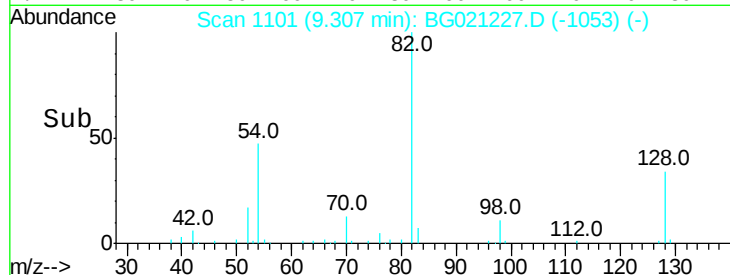
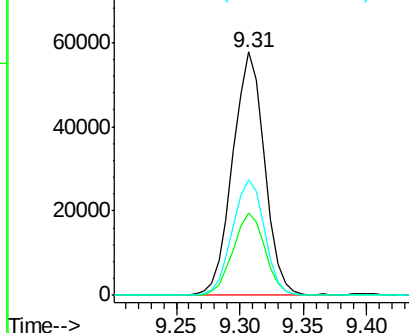
#23
Nitrobenzene-d5
Concen: 75.69 ng
RT: 9.31 min Scan# 1101
Delta R.T. -0.02 min
Lab File: BG021227.D
Acq: 3 Mar 2016 00:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	100390
Ion Ratio	100	Lower	Upper
128	33.6	36.3	54.5#
54	47.4	37.6	56.4

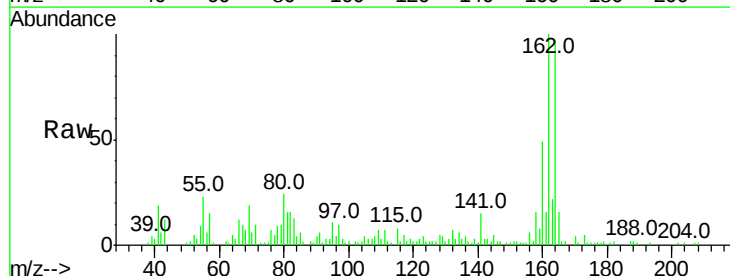


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

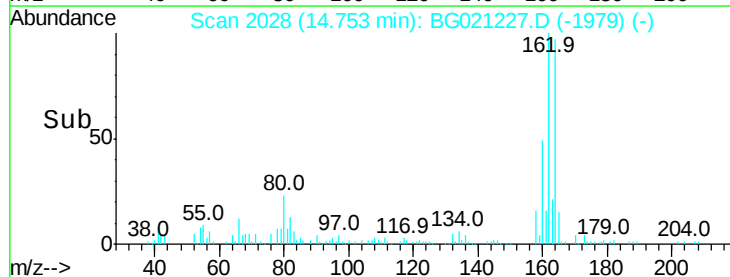
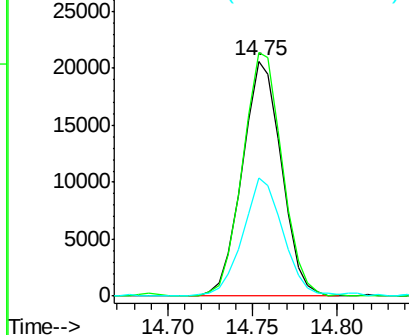


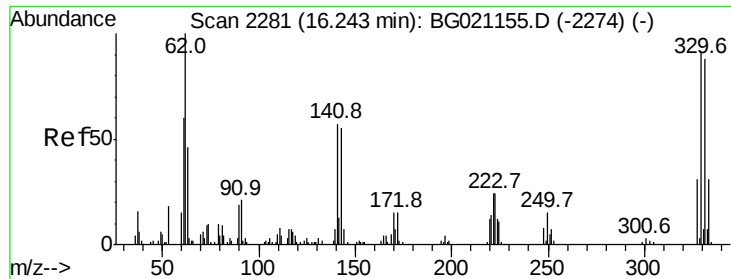
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BG021227.D
Acq: 3 Mar 2016 00:56

Tgt Ion	164	Resp	33312
Ion Ratio	100	Lower	Upper
162	103.5	80.6	120.8
160	50.5	36.5	54.7



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

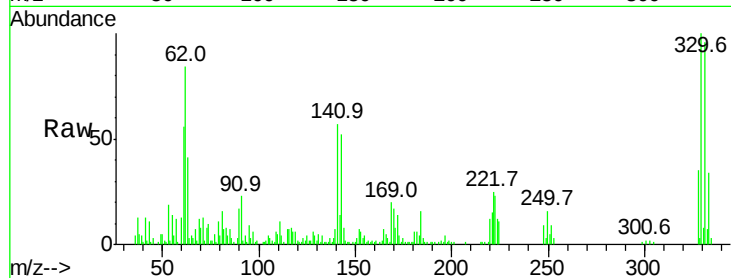




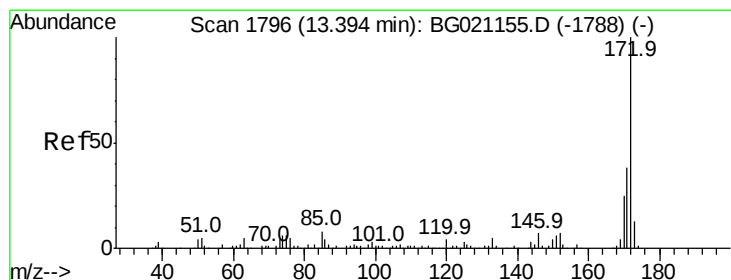
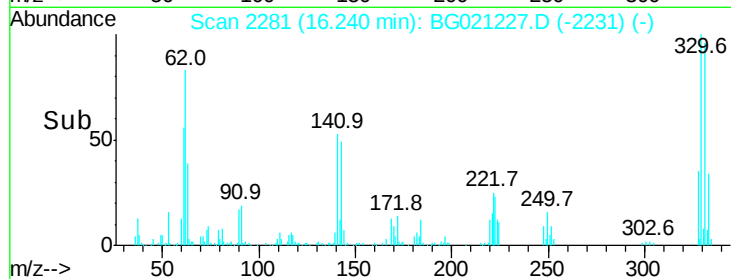
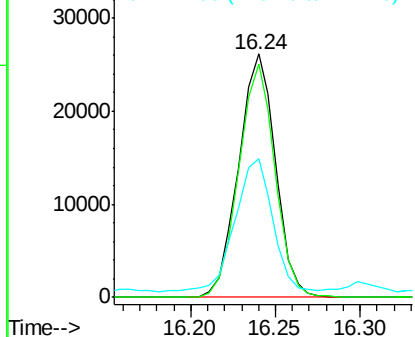
#41
 2,4,6-Tribromophenol
 Concen: 114.33 ng
 RT: 16.24 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BG021227.D
 Acq: 3 Mar 2016 00:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 39626
 Ion Ratio Lower Upper
 330 100
 332 94.4 77.4 116.0
 141 56.3 35.3 52.9#

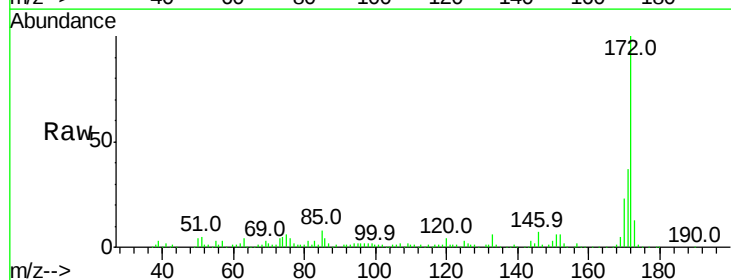


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

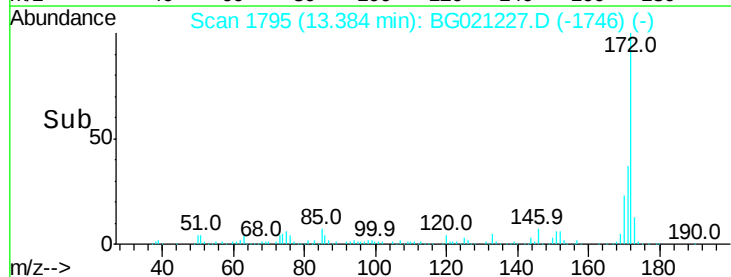
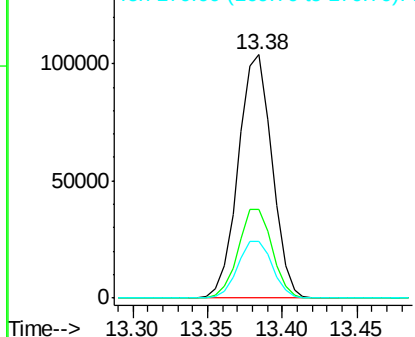


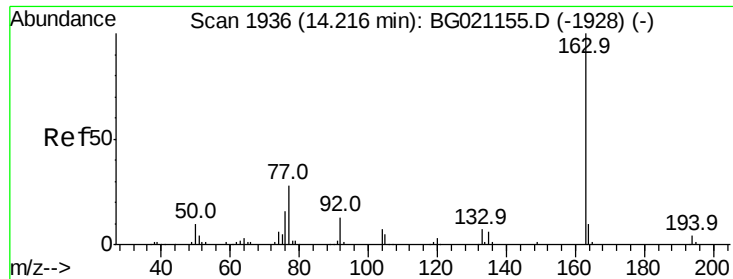
#44
 2-Fluorobiphenyl
 Concen: 69.40 ng
 RT: 13.38 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG021227.D
 Acq: 3 Mar 2016 00:56

Tgt Ion:172 Resp: 162804
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 23.3 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

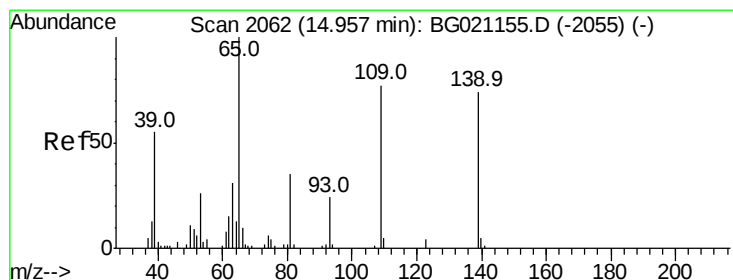
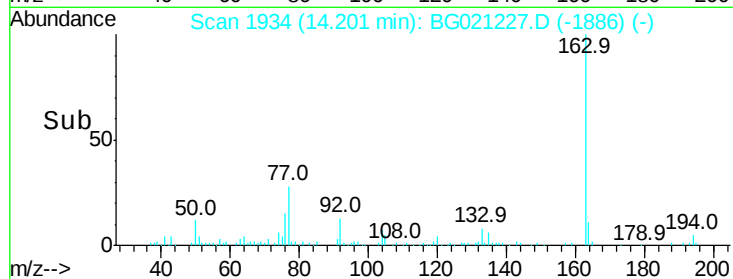
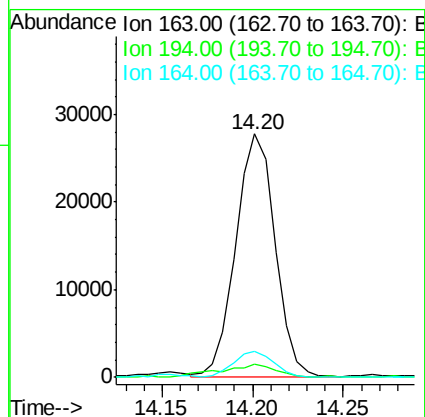
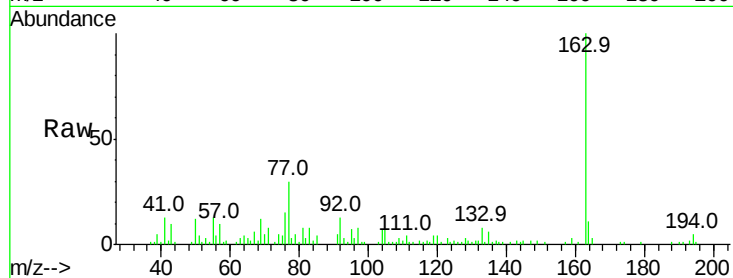




#49
 Dimethylphthalate
 Concen: 14.20 ng
 RT: 14.20 min Scan# 1934
 Delta R.T. -0.02 min
 Lab File: BG021227.D
 Acq: 3 Mar 2016 00:56

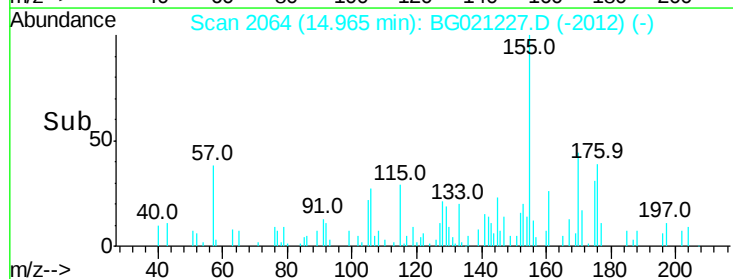
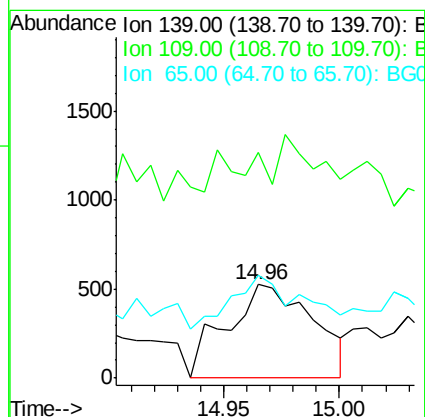
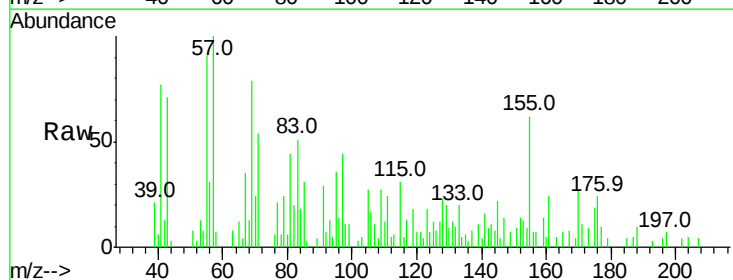
Instrument :
 BNA_G
 ClientSampleId :

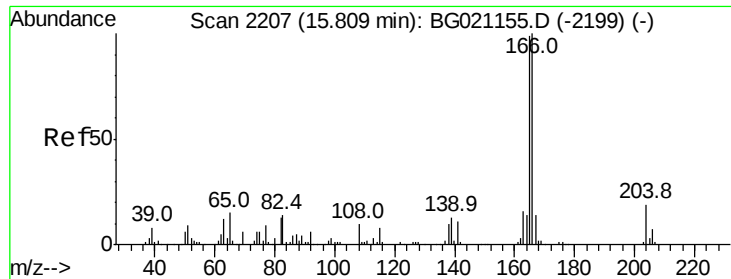
Tot Ion:163 Resp: 42157
 Ion Ratio Lower Upper
 163 100
 194 5.4 2.8 4.2#
 164 10.9 7.9 11.9



#55
 4-Nitrophenol
 Concen: 2.40 ng
 RT: 14.96 min Scan# 2064
 Delta R.T. 0.01 min
 Lab File: BG021227.D
 Acq: 3 Mar 2016 00:56

Tgt Ion:139 Resp: 1372
 Ion Ratio Lower Upper
 139 100
 109 241.6 54.1 94.1#
 65 109.5 73.4 113.4

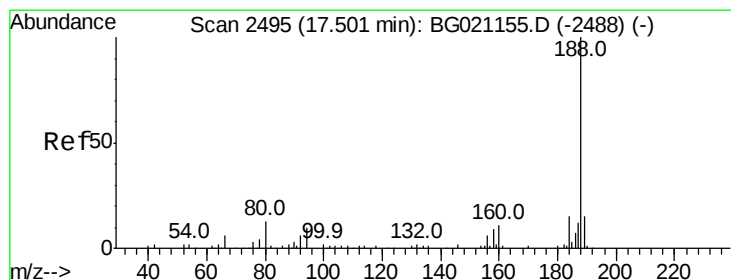
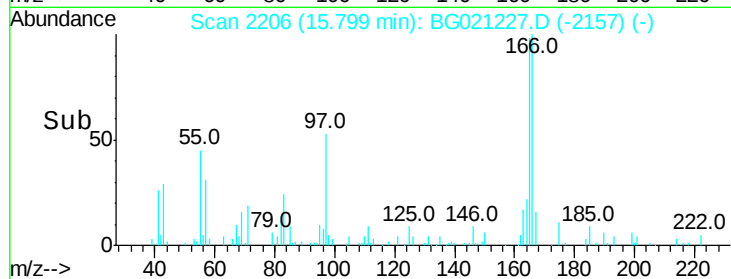
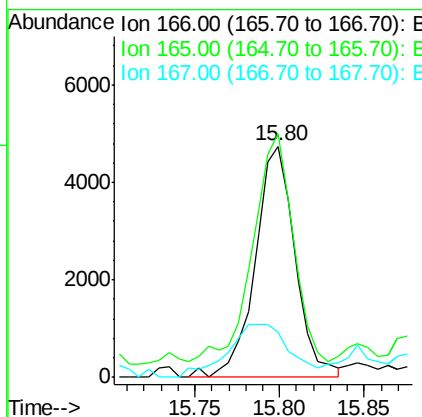
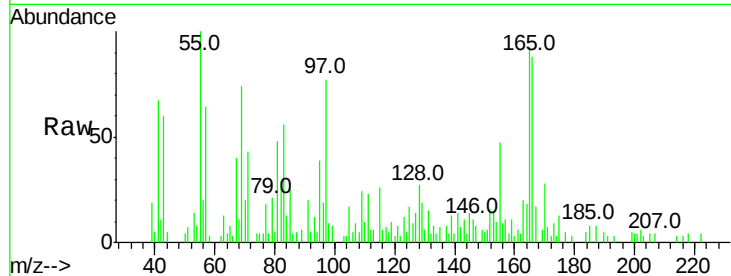




#57
Fluorene
Concen: 2.77 ng
RT: 15.80 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BG021227.D
Acq: 3 Mar 2016 00:56

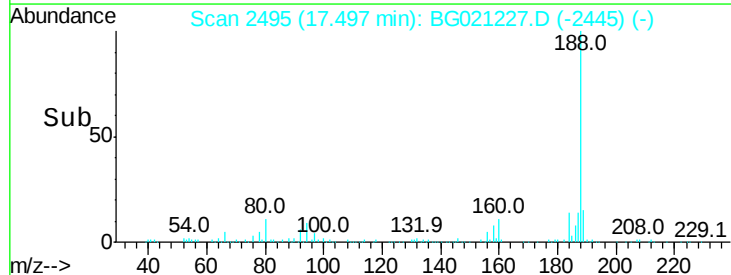
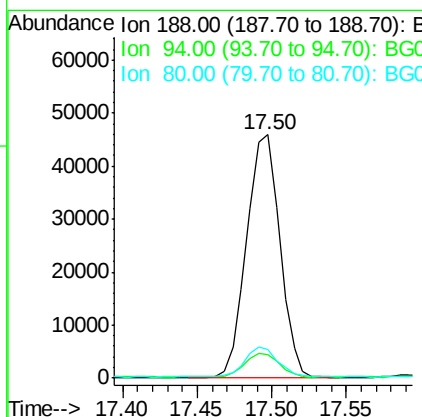
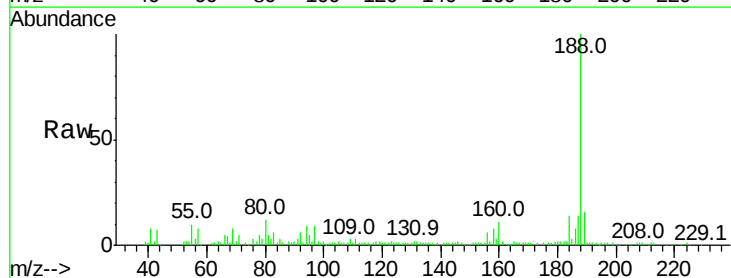
Instrument :
BNA_G
ClientSampleId :

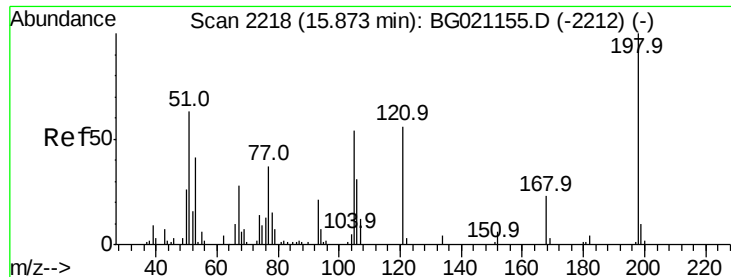
Tot Ion:166 Resp: 7791
Ion Ratio Lower Upper
166 100
165 105.4 81.3 121.9
167 19.4 10.6 16.0#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2495
Delta R.T. -0.00 min
Lab File: BG021227.D
Acq: 3 Mar 2016 00:56

Tgt Ion:188 Resp: 70862
Ion Ratio Lower Upper
188 100
94 9.4 8.2 12.4
80 11.5 9.2 13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 4.95 ng

RT: 16.04 min Scan# 2247

Delta R.T. 0.17 min

Lab File: BG021227.D

Acq: 3 Mar 2016 00:56

Instrument :

BNA_G

ClientSampled :

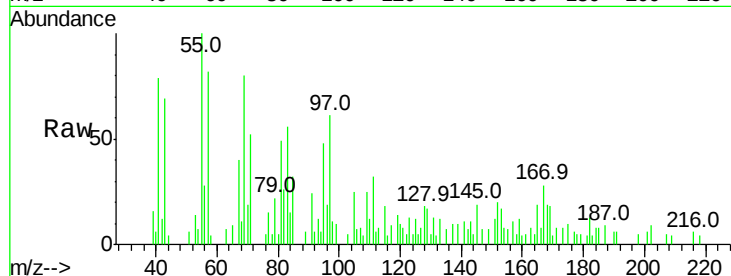
Tot Ion:198 Resp: 67

Ion Ratio Lower Upper

198 100

51 143.2 30.4 70.4#

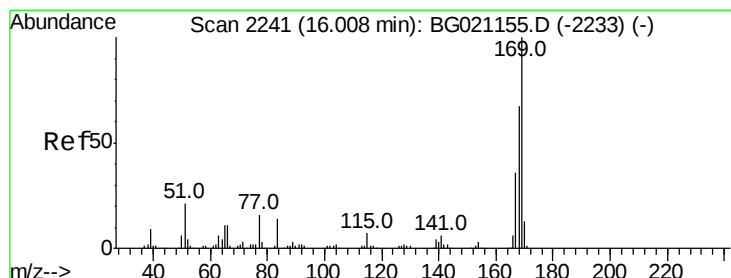
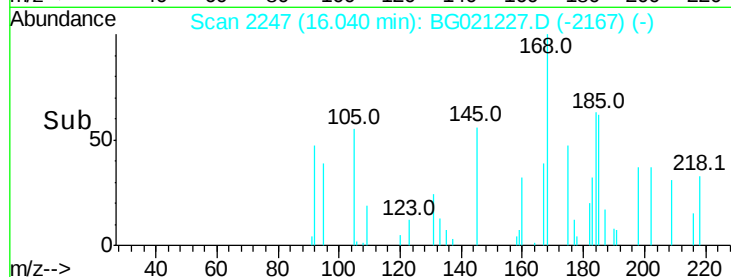
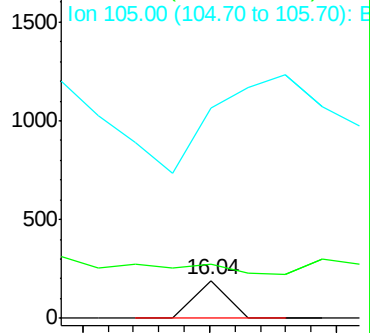
105 559.5 32.8 72.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 5.46 ng

RT: 16.00 min Scan# 2241

Delta R.T. -0.00 min

Lab File: BG021227.D

Acq: 3 Mar 2016 00:56

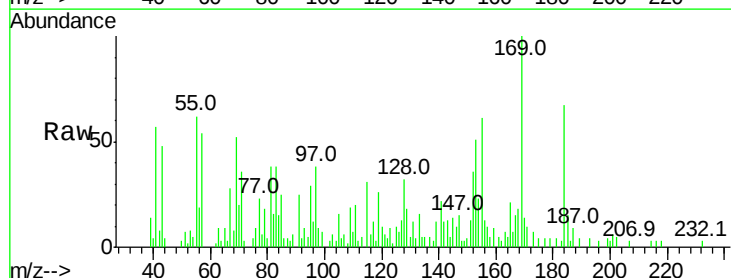
Tgt Ion:169 Resp: 11894

Ion Ratio Lower Upper

169 100

168 17.5 58.2 87.2#

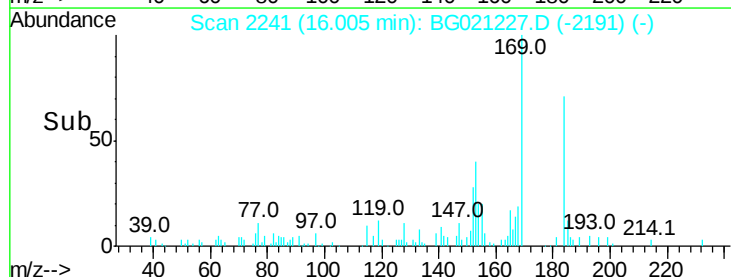
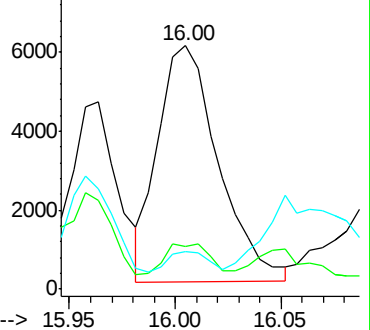
167 15.3 31.0 46.6#

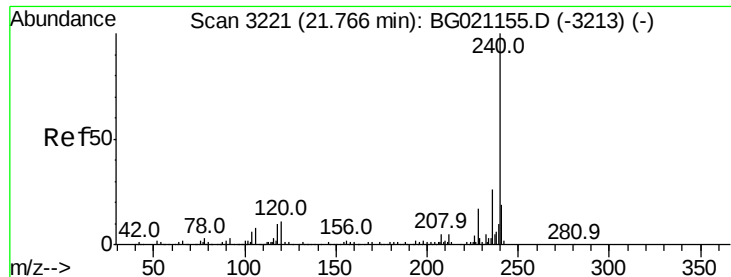


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3220

Delta R.T. -0.01 min

Lab File: BG021227.D

Acq: 3 Mar 2016 00:56

Instrument :

BNA_G

ClientSampleId :

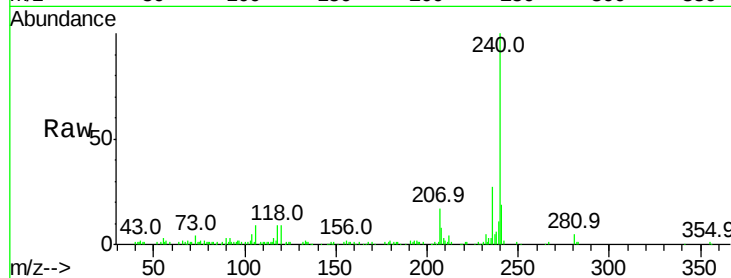
Tot Ion:240 Resp: 75170

Ion Ratio Lower Upper

240 100

120 9.4 7.5 11.3

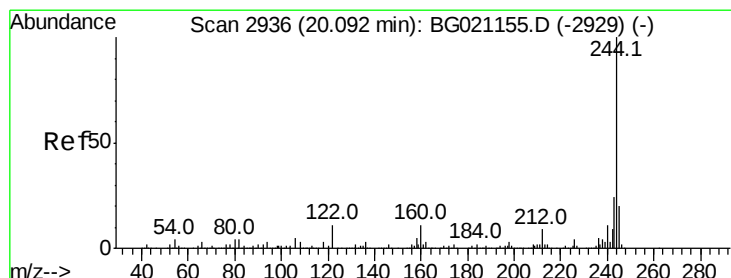
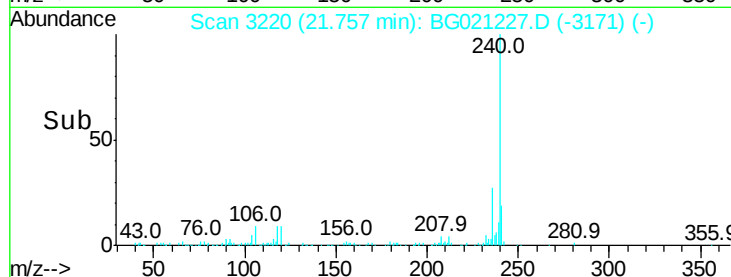
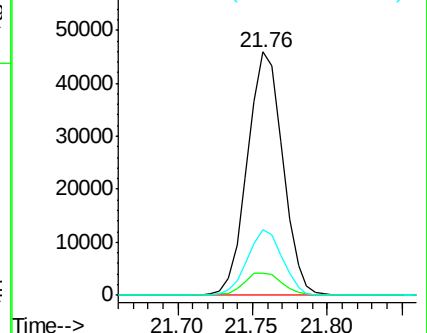
236 26.8 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 72.74 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.01 min

Lab File: BG021227.D

Acq: 3 Mar 2016 00:56

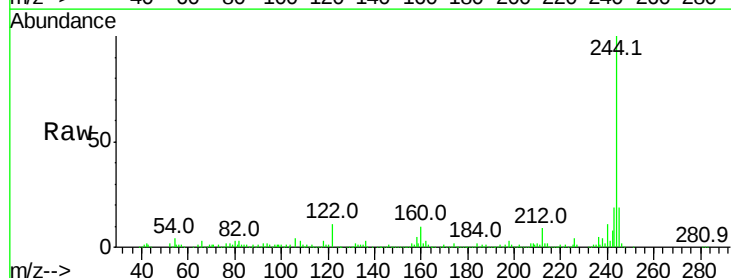
Tgt Ion:244 Resp: 225700

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.6

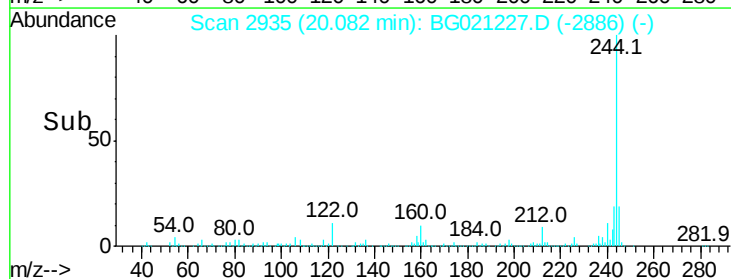
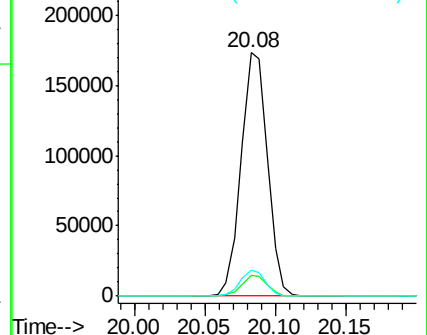
122 10.7 8.3 12.5

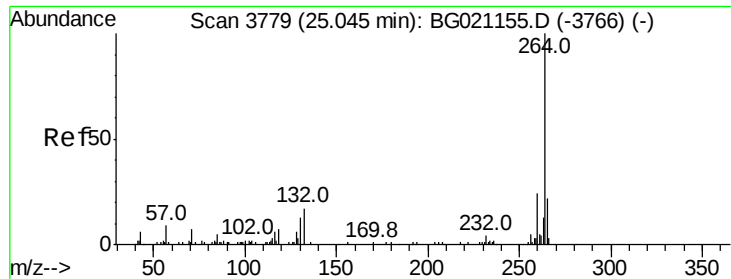


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.04 min Scan# 3778
Delta R.T. -0.01 min
Lab File: BG021227.D
Acq: 3 Mar 2016 00:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 71851
Ion Ratio Lower Upper
264 100
260 26.4 18.5 27.7
265 22.3 18.6 28.0

