

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 :
 WEST-1

Quant Time: Mar 03 05:42:55 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

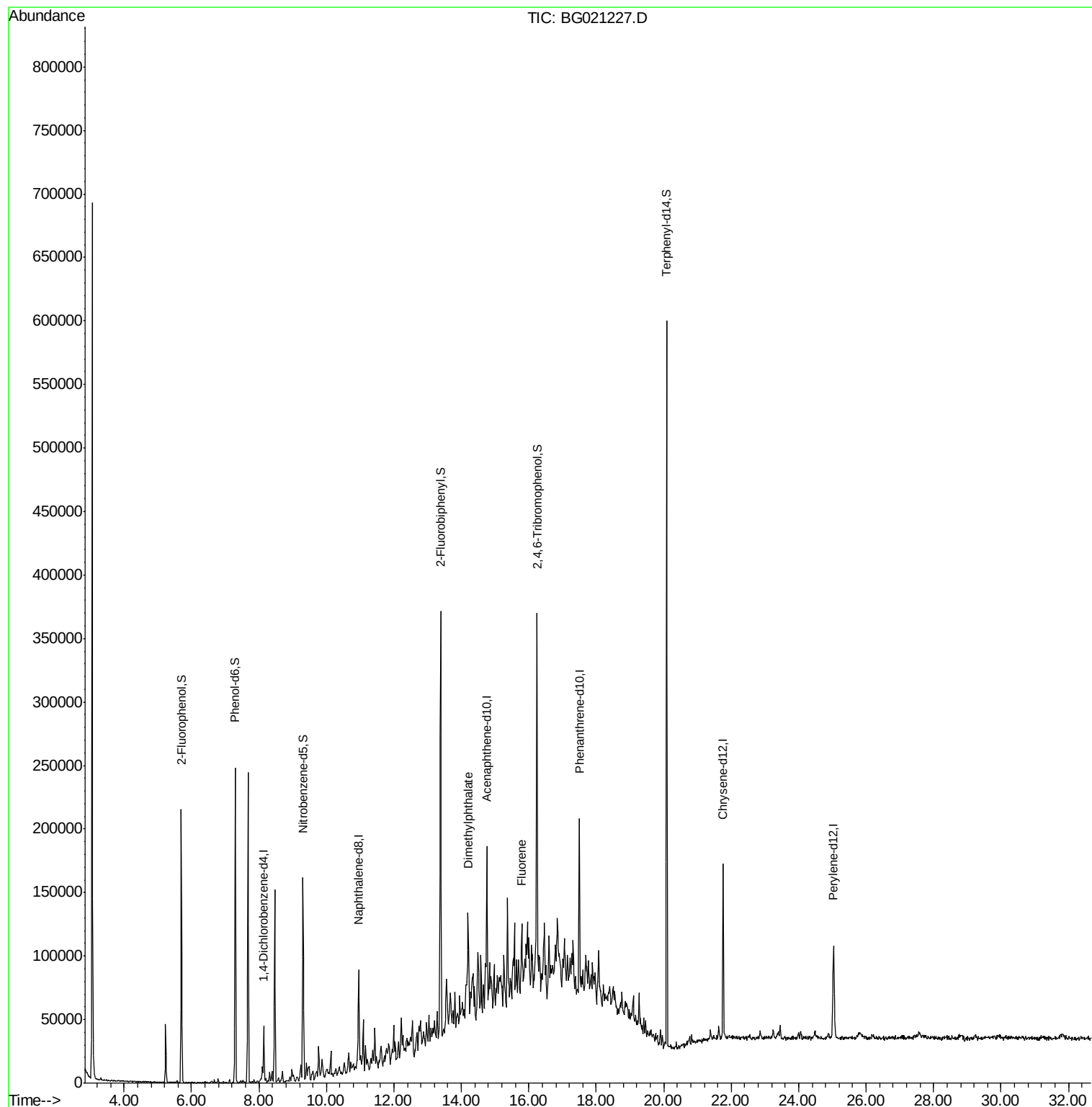
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	11026	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	56122	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	33312	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	70862	20.00	ng	0.00
75) Chrysene-d12	21.76	240	75170	20.00	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
57) Fluorene	15.80	166	7791	2.77	ng	# 95

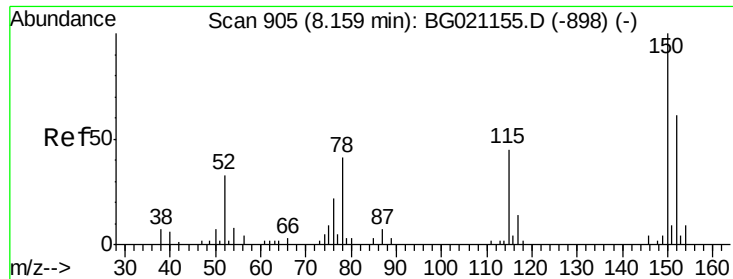
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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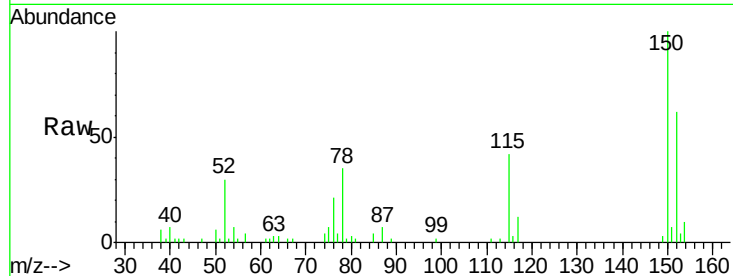


#1

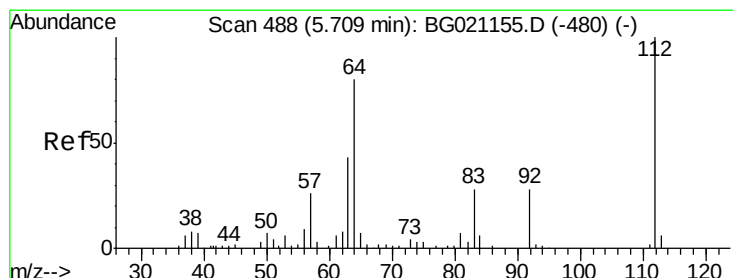
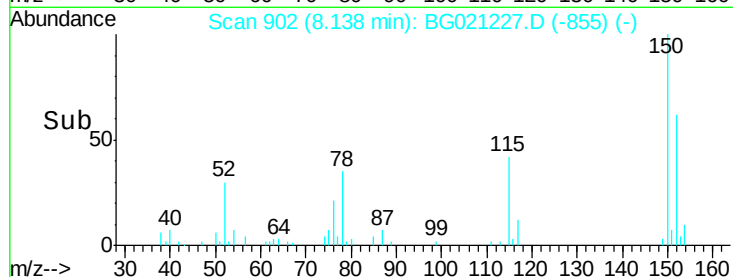
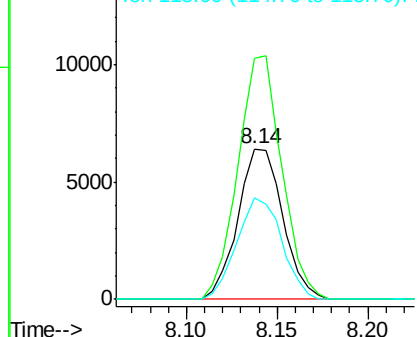
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 902
Delta R.T. -0.02 min
Lab File: BG021227.D
Acq: 3 Mar 2016 00:56

Instrument :
BNA_G
ClientSampleId :
WEST-1

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#



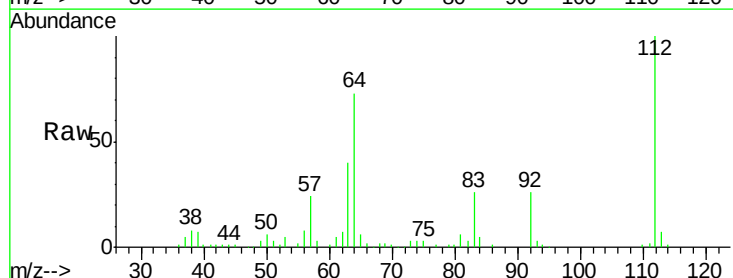
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



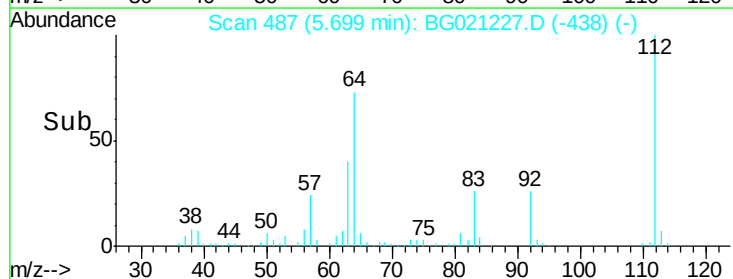
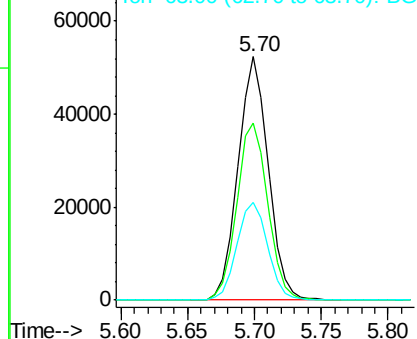
#5

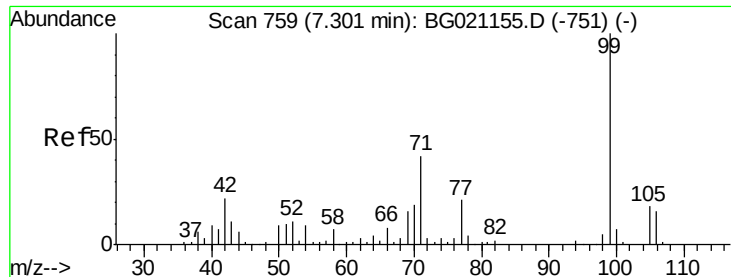
2-Fluorophenol
Concen: 118.19 ng
RT: 5.70 min Scan# 487
Delta R.T. -0.01 min
Lab File: BG021227.D
Acq: 3 Mar 2016 00:56

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 :

WEST-1

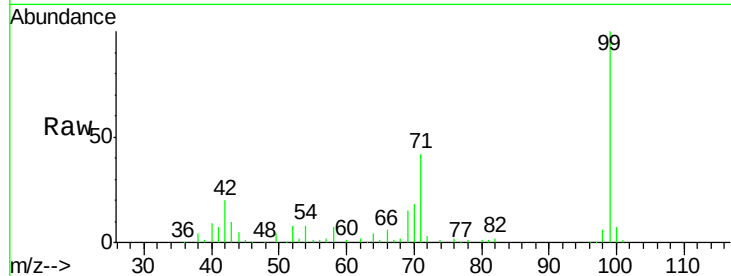
Tot Ion: 99 Resp: 136433

Ion Ratio Lower Upper

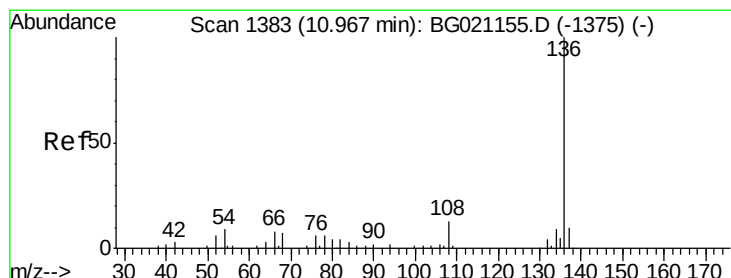
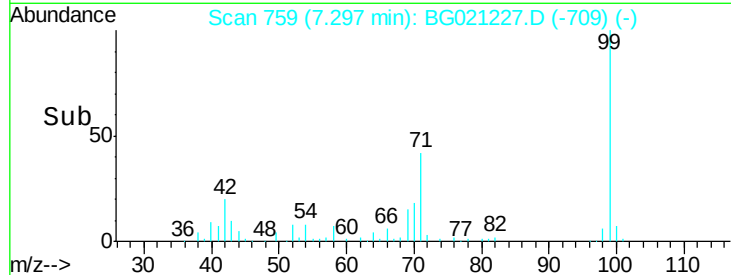
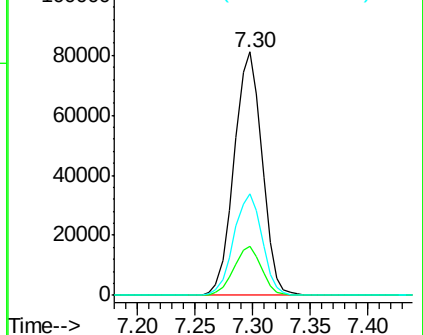
99 100

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

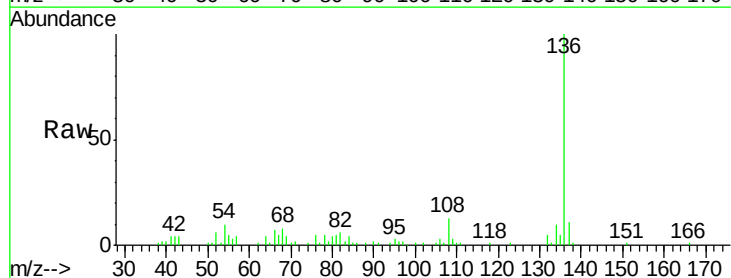
Ion Ratio Lower Upper

136 100

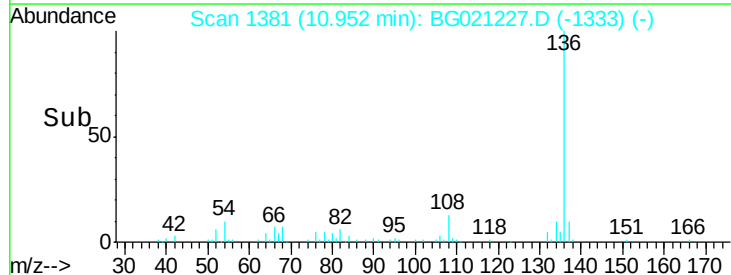
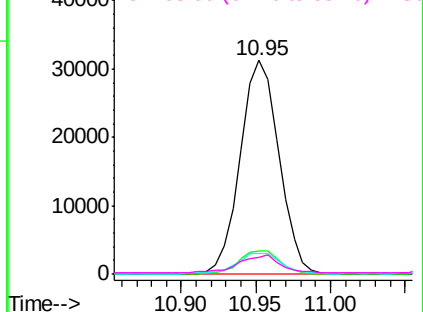
137 10.8 8.8 13.2

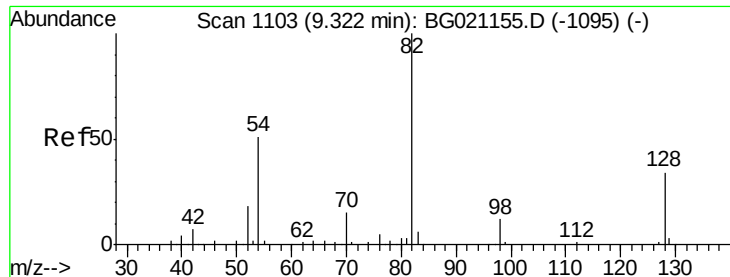
54 9.8 6.9 10.3

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

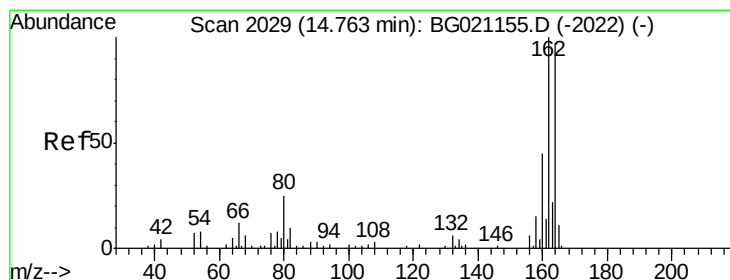
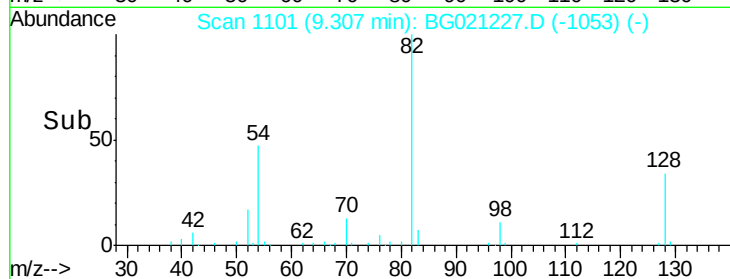
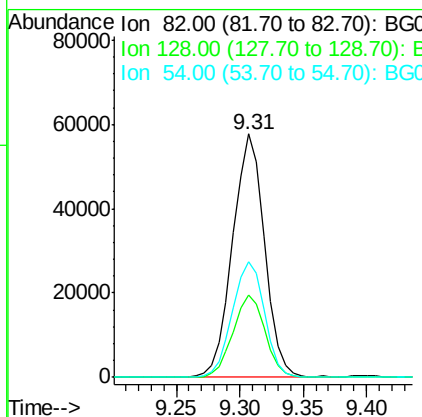
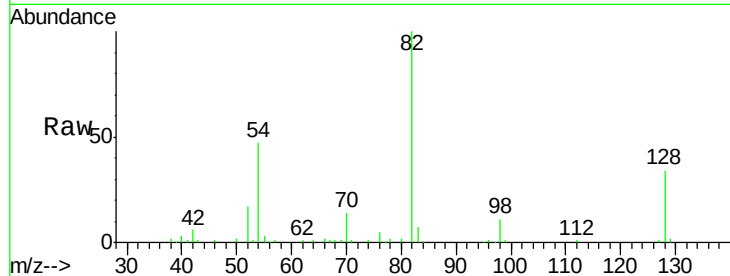




#23
Nitrobenzene-d5
Concen: 75.69 ng
RT: 9.31 min Scan# 1101
Delta R.T. -0.02 min
Lab File: BG021227.D
Acq: 3 Mar 2016 00:56

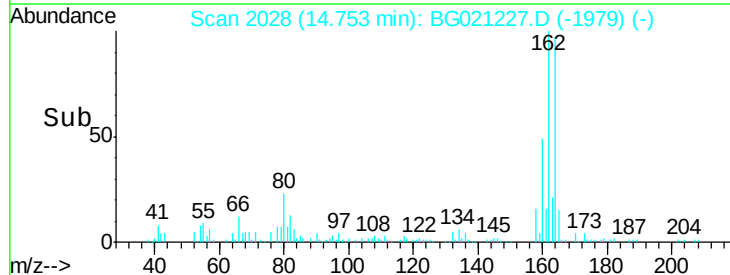
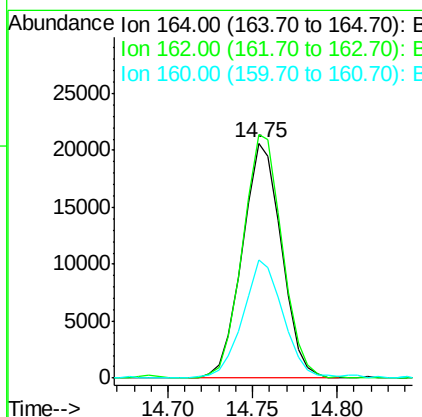
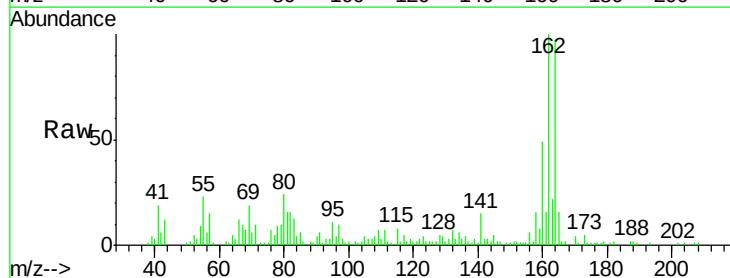
Instrument :
BNA_G
ClientSampleId :
WEST-1

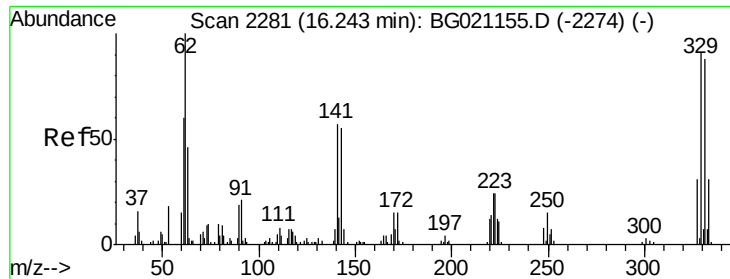
Tot Ion	82	Resp	100390
Ion Ratio	Lower	Upper	
82	100		
128	33.6	36.3	54.5#
54	47.4	37.6	56.4



#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	Lower	Upper	
164	100		
162	103.5	80.6	120.8
160	50.5	36.5	54.7

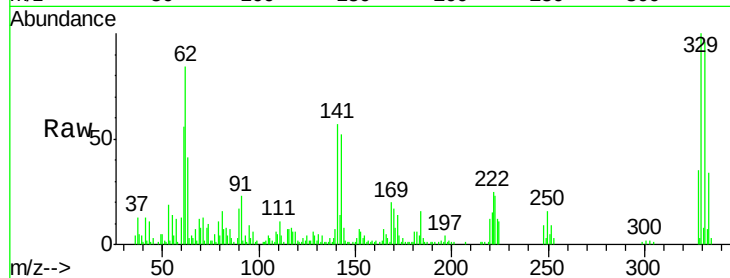




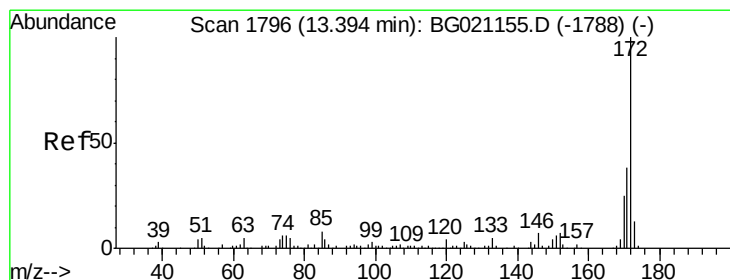
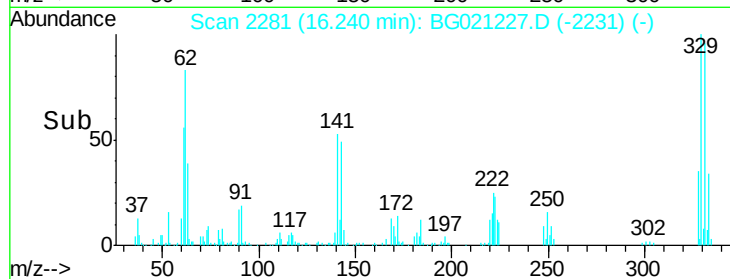
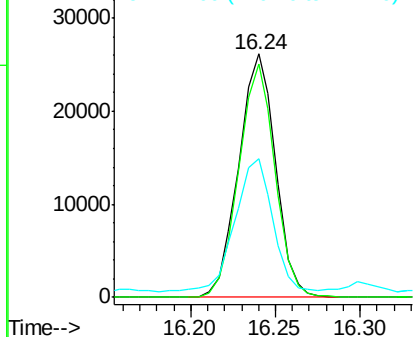
#41
 2,4,6-Tribromophenol
 Concen: 114.33 ng
 RT: 16.24 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BG021227.D
 Acq: 3 Mar 2016 00:56

Instrument :
 BNA_G
 ClientSampleId :
 WEST-1

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#

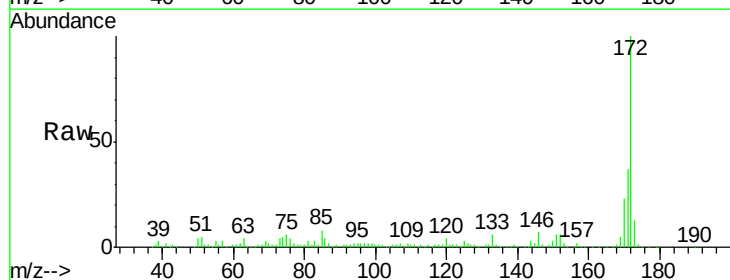


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

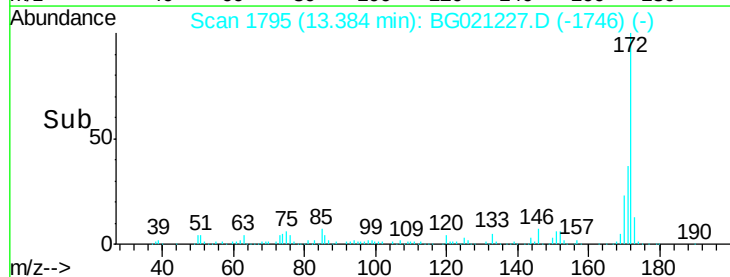
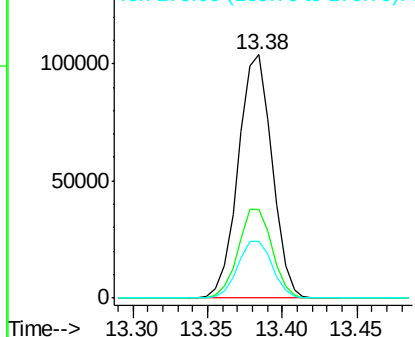


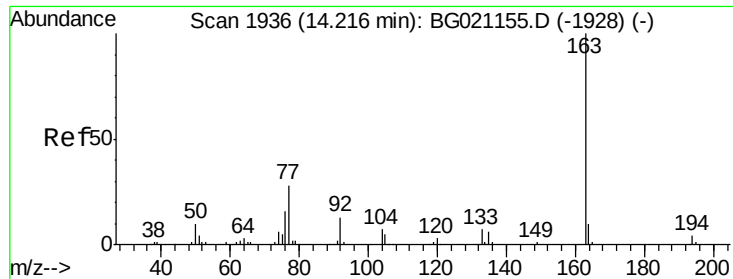
#44
 2-Fluorobiphenyl
 Concen: 69.40 ng
 RT: 13.38 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG021227.D
 Acq: 3 Mar 2016 00:56

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

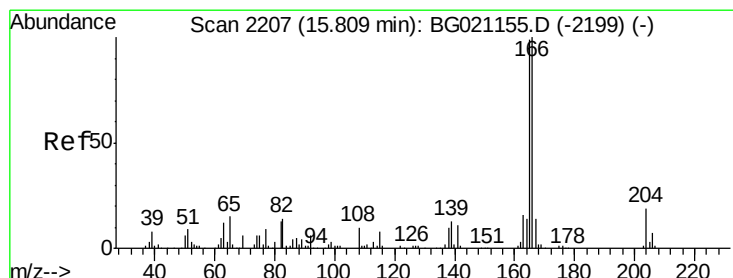
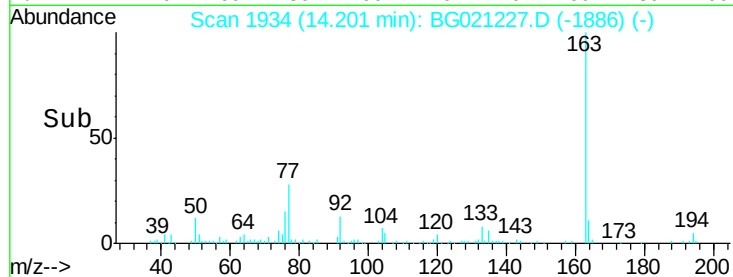
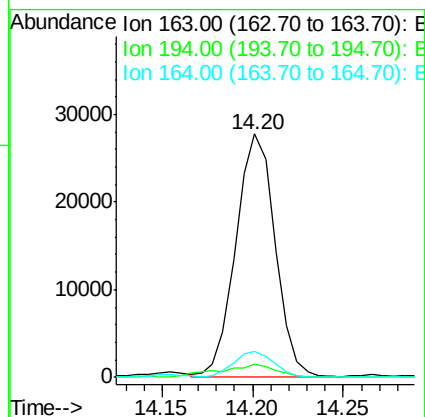
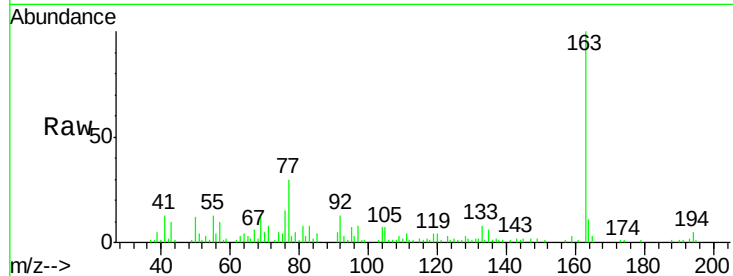




#49
Dimethylphthalate
Concen: 14.20 ng
RT: 14.20 min Scan# 1934
Delta R.T. -0.02 min
Lab File: BG021227.D
Acq: 3 Mar 2016 00:56

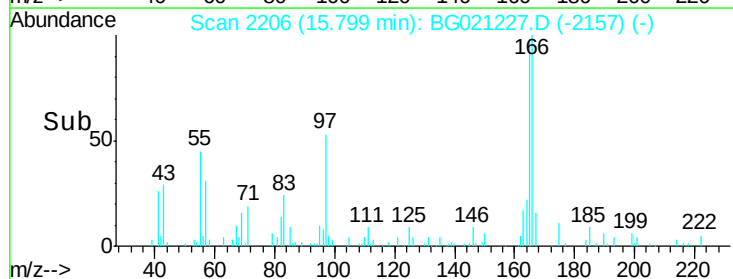
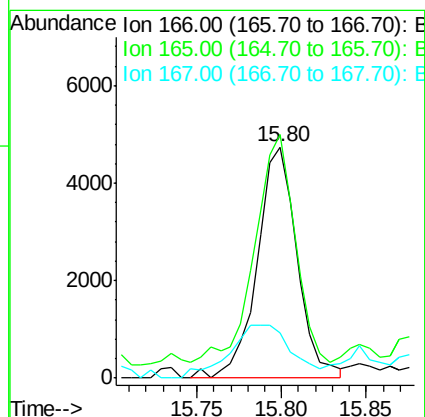
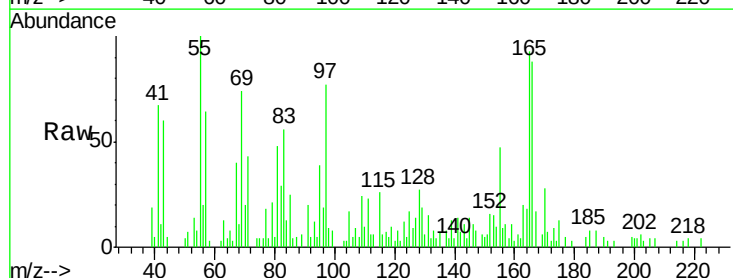
Instrument :
BNA_G
ClientSampleId :
WEST-1

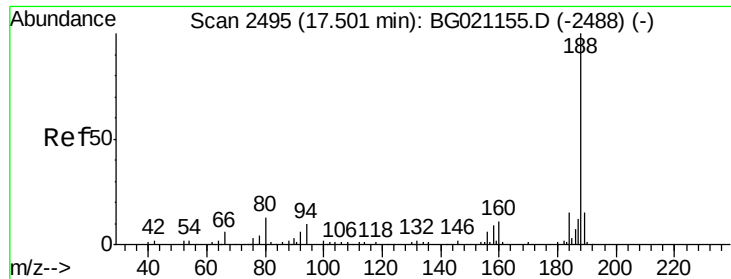
Tot Ion:163 Resp: 42157
Ion Ratio Lower Upper
163 100
194 5.4 2.8 4.2#
164 10.9 7.9 11.9



#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

Tgt 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

Instrument :

BNA_G

ClientSampleId :

WEST-1

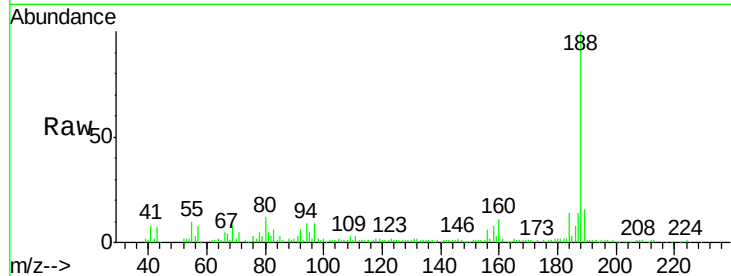
Tot Ion:188 Resp: 70862

Ion Ratio Lower Upper

188 100

94 9.4 8.2 12.4

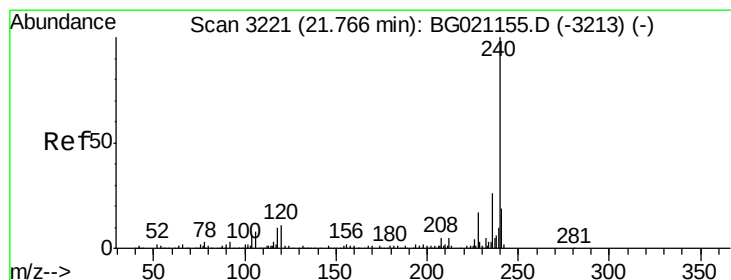
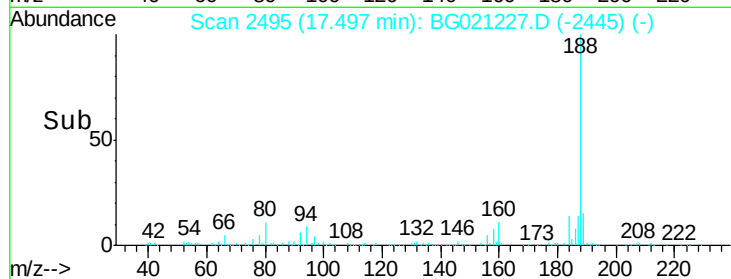
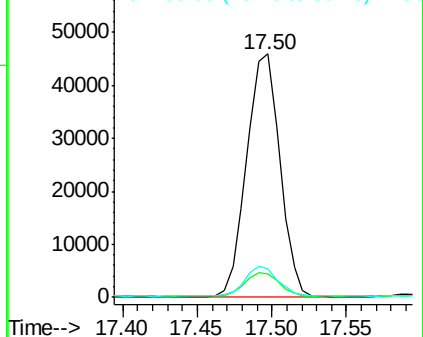
80 11.5 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#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

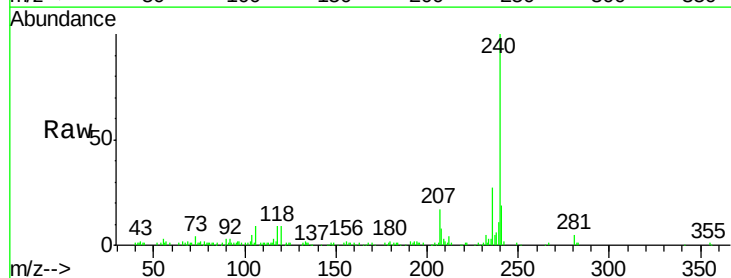
Tgt Ion:240 Resp: 75170

Ion Ratio Lower Upper

240 100

120 9.4 7.5 11.3

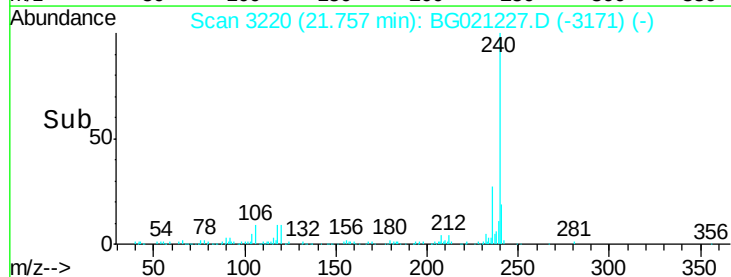
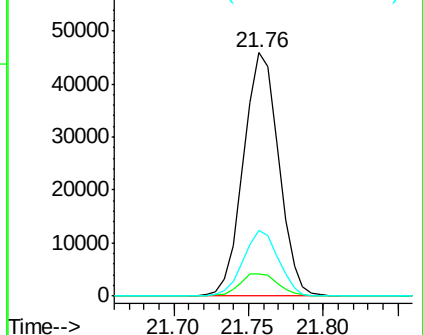
236 26.8 20.5 30.7

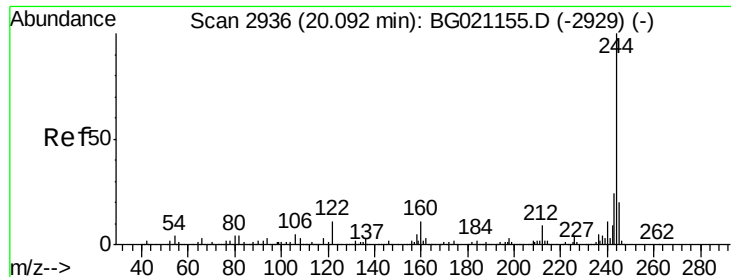


Abundance Ion 240.00 (239.70 to 240.70): E

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

Instrument :

BNA_G

ClientSampleId :

WEST-1

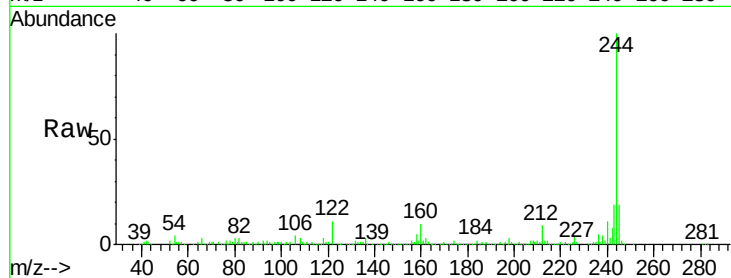
Tot Ion:244 Resp: 225700

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.6

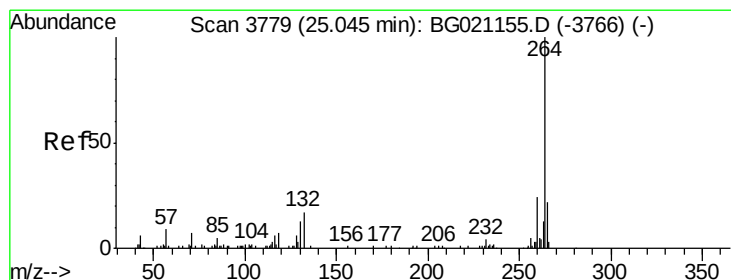
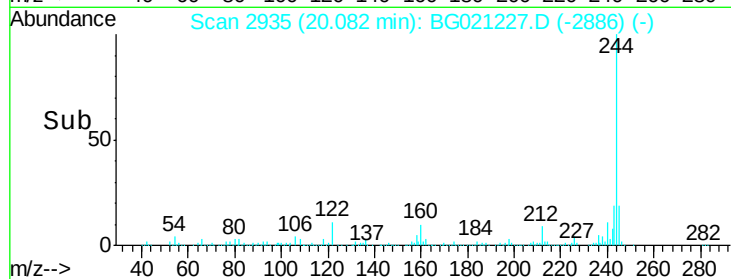
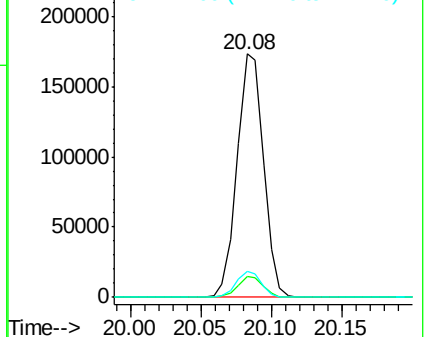
122 10.7 8.3 12.5



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

Perylene-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

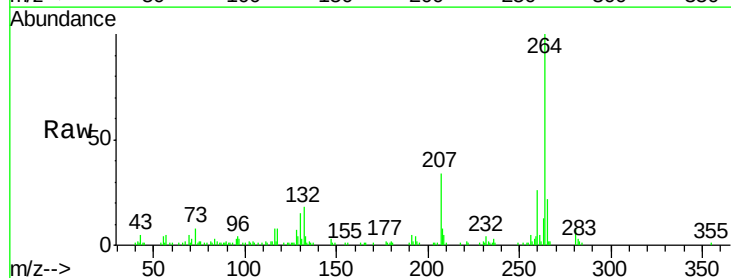
Tgt Ion:264 Resp: 71851

Ion Ratio Lower Upper

264 100

260 26.4 18.5 27.7

265 22.3 18.6 28.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

