

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030217\
 Data File : BG026051.D
 Acq On : 3 Mar 2017 5:10
 Operator : SJ/MA
 Sample : I2057-09
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 28B-4

Quant Time: Mar 03 05:45:09 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 28 15:36:56 2017
 Response via : Initial Calibration

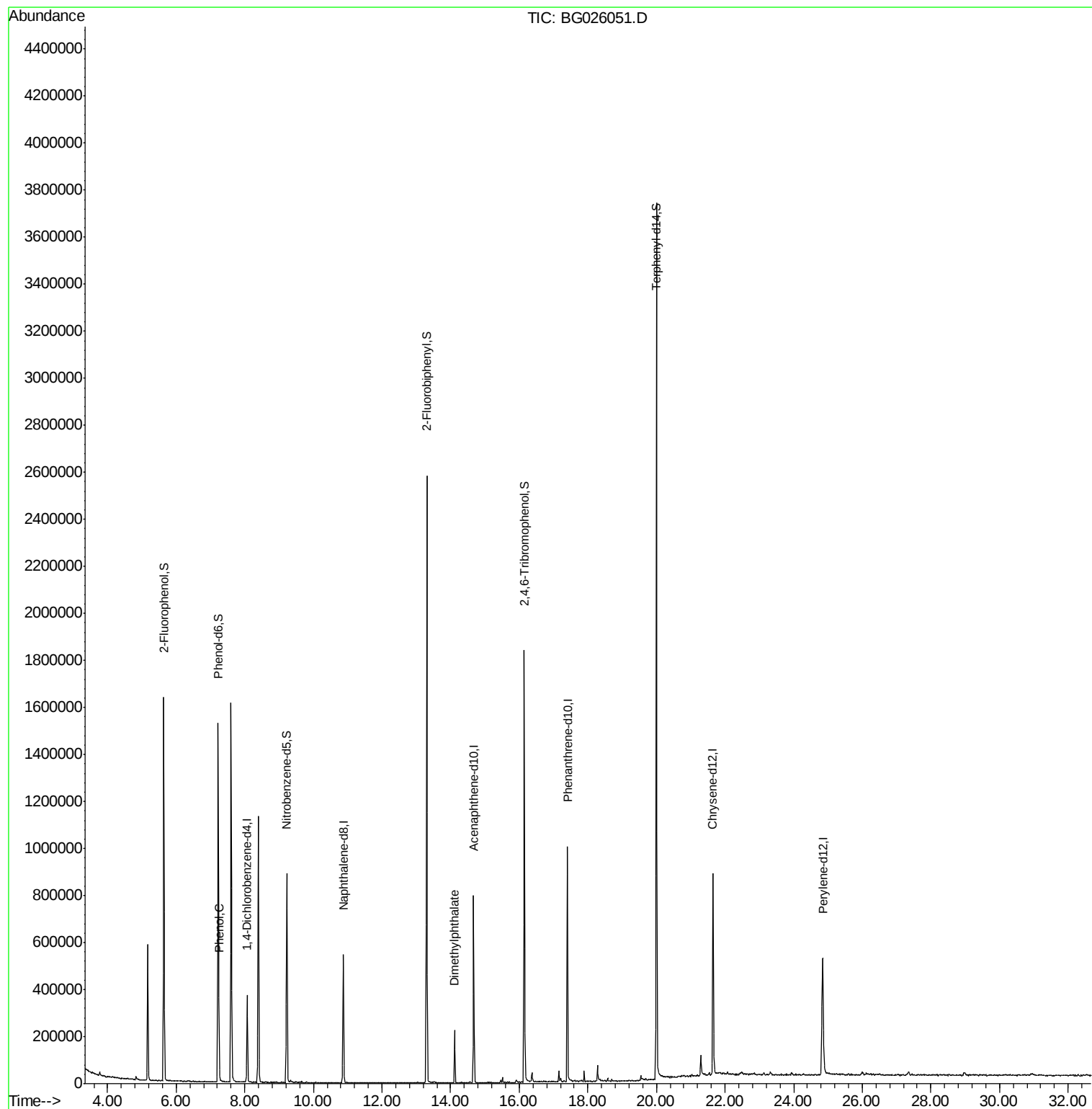
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	114737	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	481117	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	271371	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	623557	20.00	ng	-0.01
75) Chrysene-d12	21.65	240	575875	20.00	ng	-0.03
86) Perylene-d12	24.85	264	544432	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	769697	116.79	ng	-0.01
7) Phenol-d6	7.23	99	1048316	107.49	ng	0.00
23) Nitrobenzene-d5	9.23	82	558536	73.26	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	344971	137.59	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	1369051	88.15	ng	-0.02
78) Terphenyl-d14	20.00	244	1713368	72.36	ng	-0.02
Target Compounds						
10) Phenol	7.25	94	41907	3.95	ng	Qvalue 81
49) Dimethylphthalate	14.11	163	160512	8.62	ng	# 97

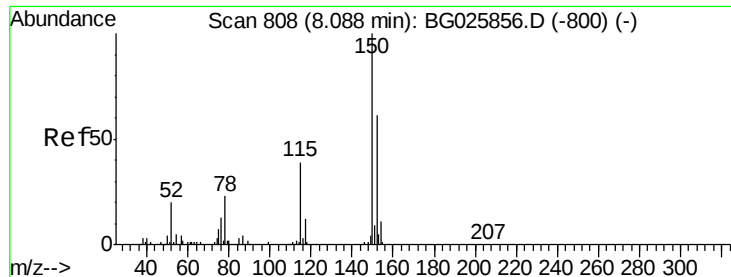
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030217\
Data File : BG026051.D
Acq On : 3 Mar 2017 5:10
Operator : SJ/MA
Sample : I2057-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
28B-4

Quant Time: Mar 03 05:45:09 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 28 15:36:56 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.07 min Scan# 805

Delta R.T. -0.02 min

Lab File: BG026051.D

Acq: 3 Mar 2017 5:10

Instrument :

BNA_G

ClientSampleId :

28B-4

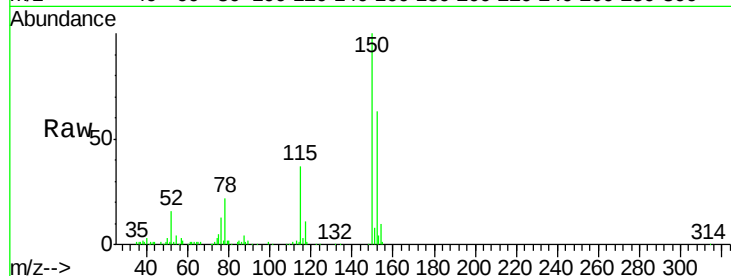
Tgt Ion:152 Resp: 114737

Ion Ratio Lower Upper

152 100

150 158.1 114.0 171.0

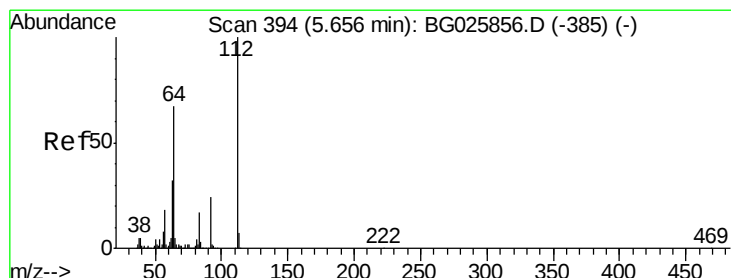
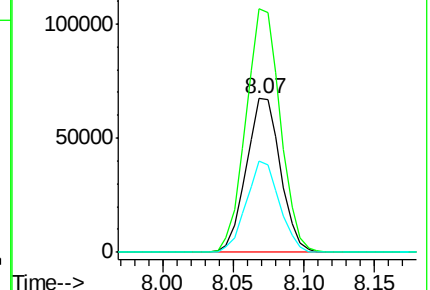
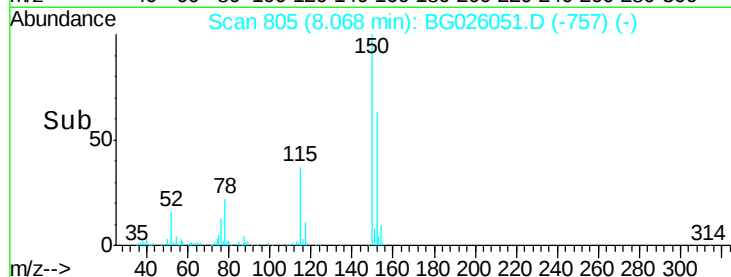
115 59.3 48.1 72.1



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: 116.79 ng

RT: 5.64 min Scan# 392

Delta R.T. -0.01 min

Lab File: BG026051.D

Acq: 3 Mar 2017 5:10

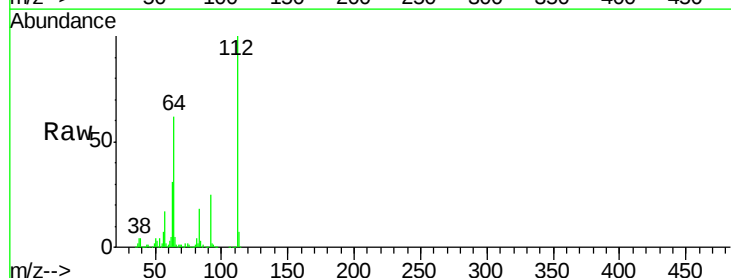
Tgt Ion:112 Resp: 769697

Ion Ratio Lower Upper

112 100

64 62.3 61.8 92.6

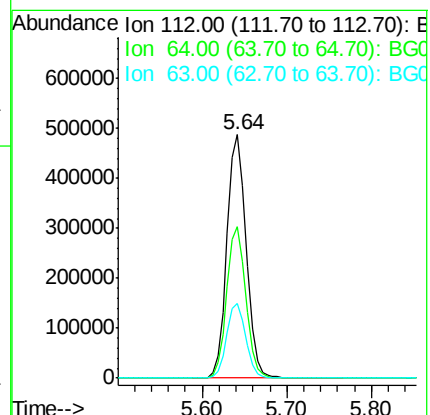
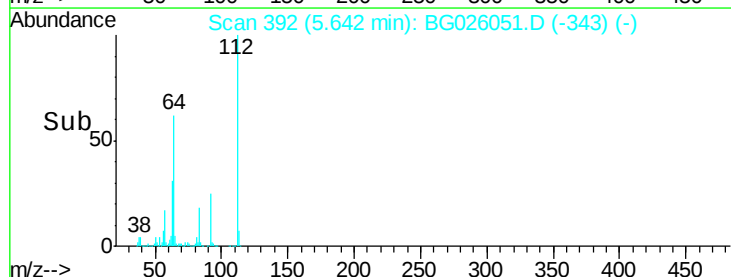
63 30.7 37.2 55.8#

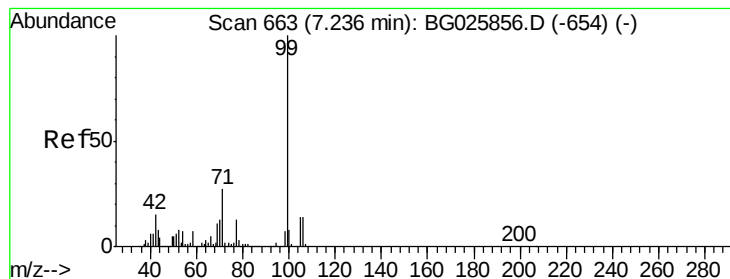


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 107.49 ng

RT: 7.23 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG026051.D

Acq: 3 Mar 2017 5:10

Instrument :

BNA_G

ClientSampleId :

28B-4

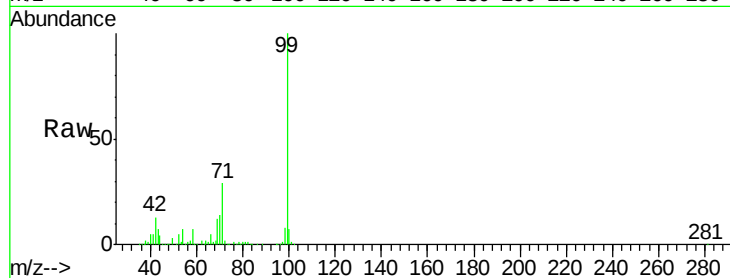
Tgt Ion: 99 Resp: 1048316

Ion Ratio Lower Upper

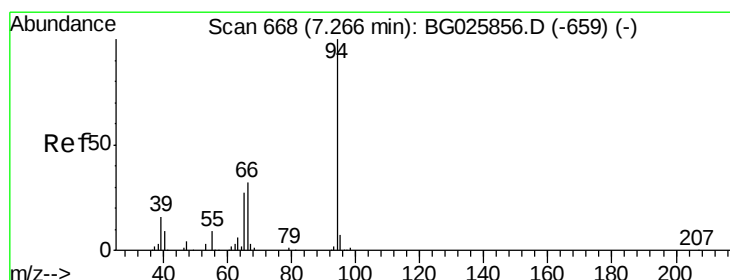
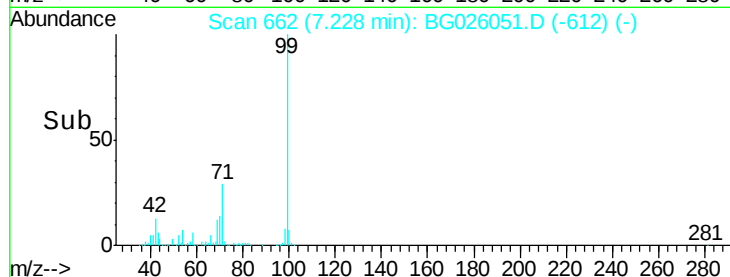
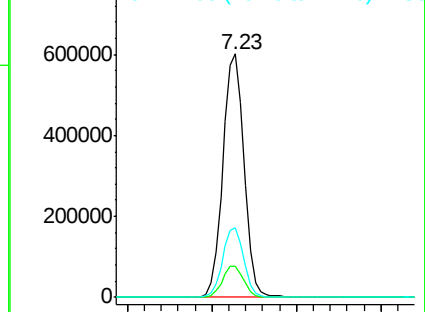
99 100

42 13.0 20.5 30.7#

71 28.8 37.6 56.4#



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



#10

Phenol

Concen: 3.95 ng

RT: 7.25 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG026051.D

Acq: 3 Mar 2017 5:10

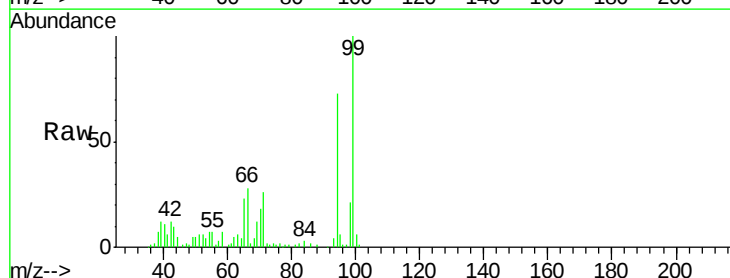
Tgt Ion: 94 Resp: 41907

Ion Ratio Lower Upper

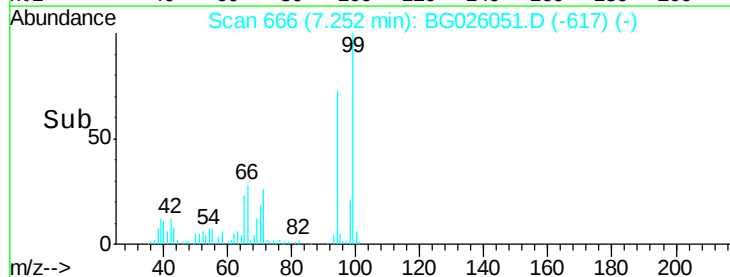
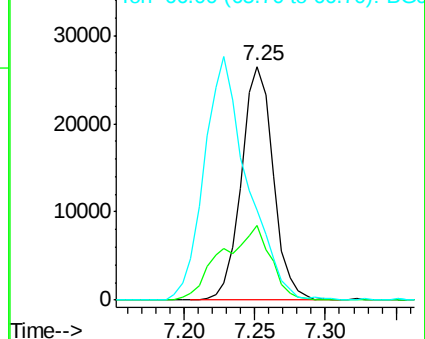
94 100

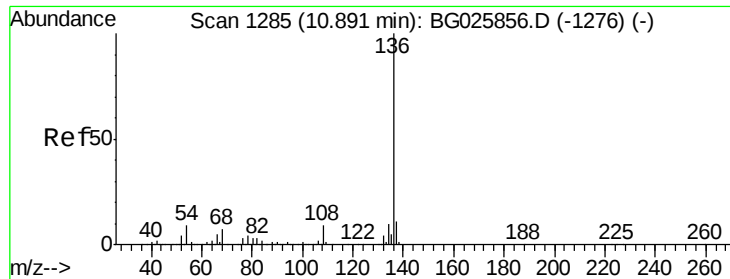
65 31.9 20.6 60.6

66 38.7 35.5 75.5



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

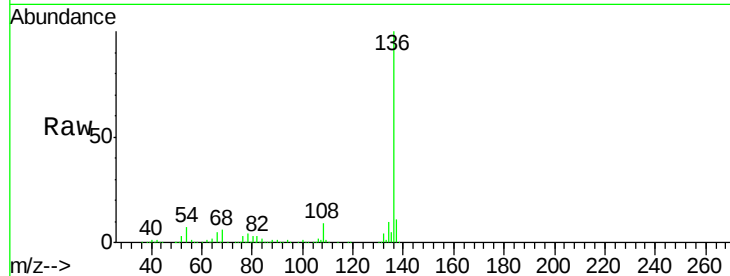




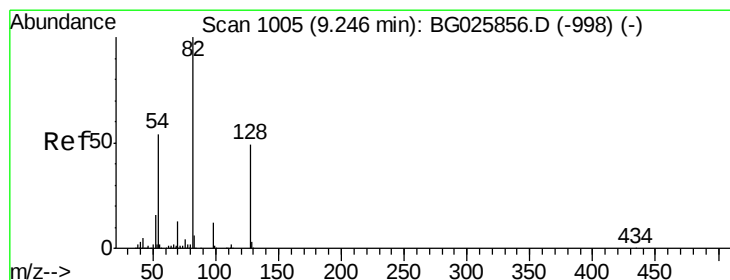
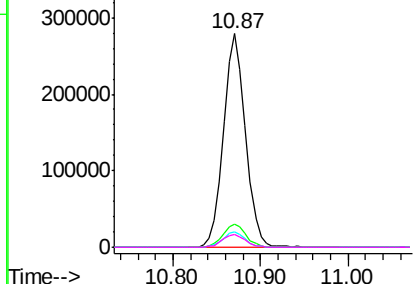
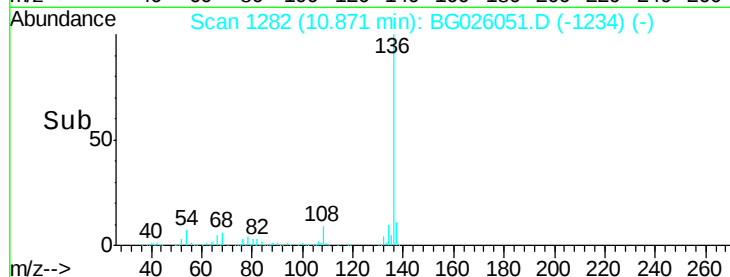
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.87 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BG026051.D
Acq: 3 Mar 2017 5:10

Instrument :
BNA_G
ClientSampleId :
28B-4

Tgt Ion:	136	Resp:	481117
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.1	9.3	13.9#
68	5.7	5.1	7.7

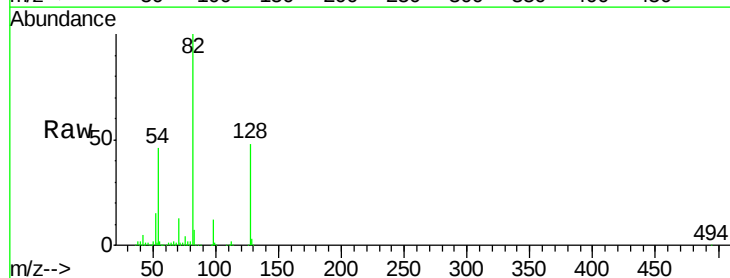


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

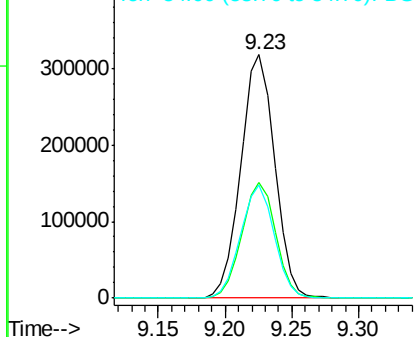
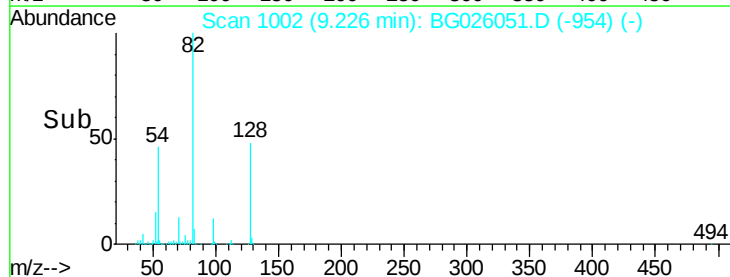


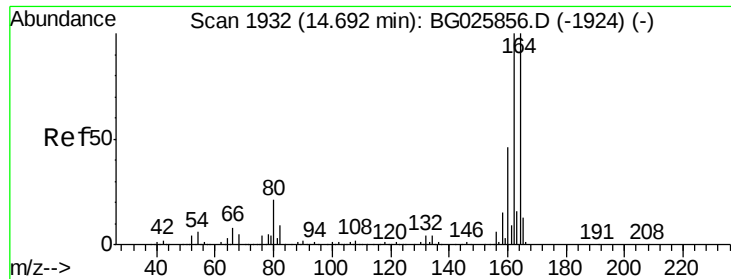
#23
Nitrobenzene-d5
Concen: 73.26 ng
RT: 9.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG026051.D
Acq: 3 Mar 2017 5:10

Tgt Ion:	82	Resp:	558536
Ion	Ratio	Lower	Upper
82	100		
128	47.6	26.4	39.6#
54	46.5	49.4	74.2#



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.67 min Scan# 1929

Delta R.T. -0.02 min

Lab File: BG026051.D

Acq: 3 Mar 2017 5:10

Instrument :

BNA_G

ClientSampleId :

28B-4

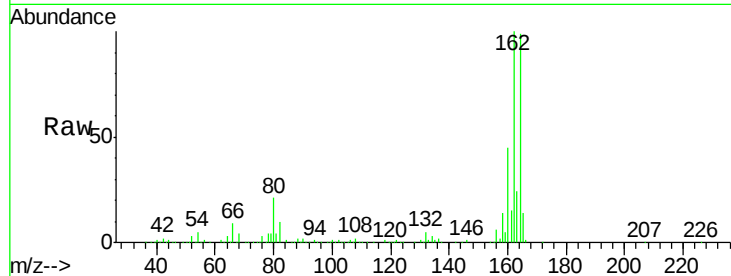
Tgt Ion:164 Resp: 271371

Ion Ratio Lower Upper

164 100

162 100.8 85.1 127.7

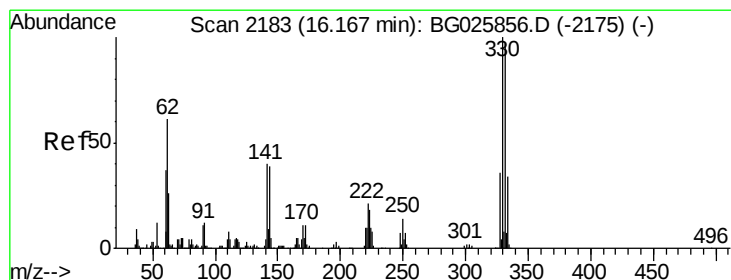
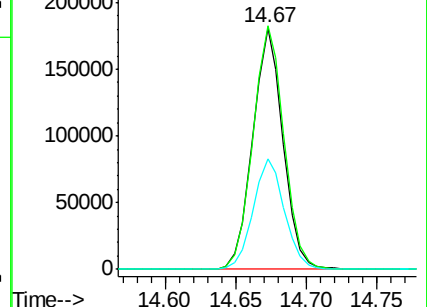
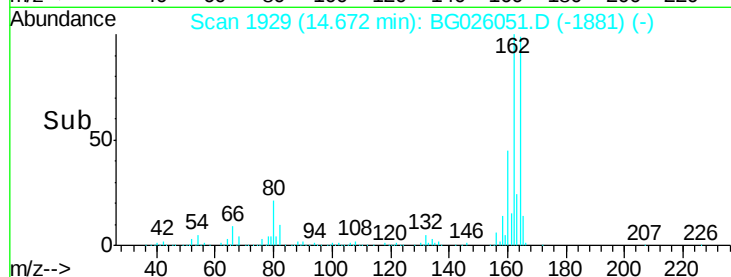
160 45.7 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 137.59 ng

RT: 16.15 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BG026051.D

Acq: 3 Mar 2017 5:10

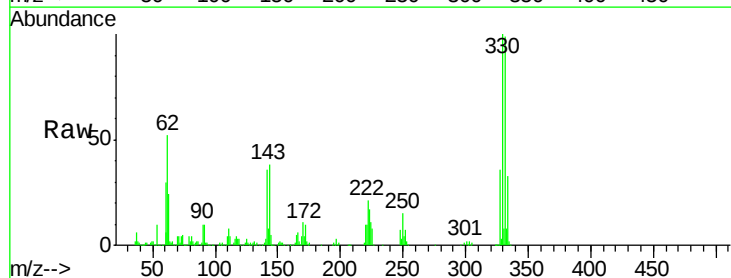
Tgt Ion:330 Resp: 344971

Ion Ratio Lower Upper

330 100

332 98.2 77.3 115.9

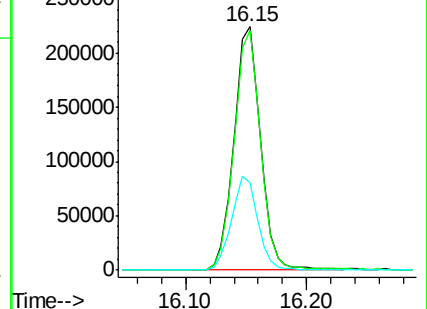
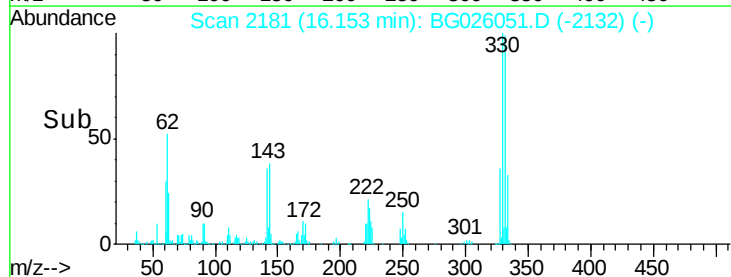
141 37.8 32.1 48.1

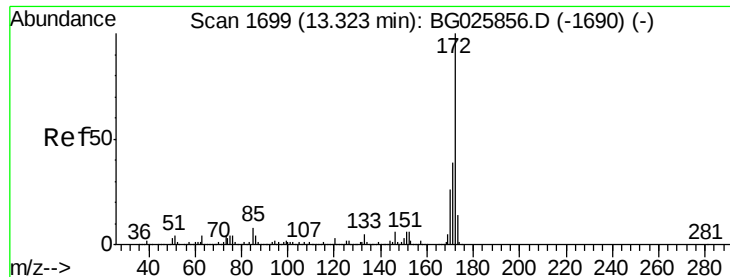


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

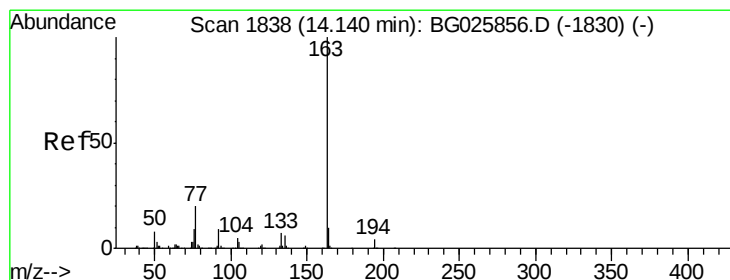
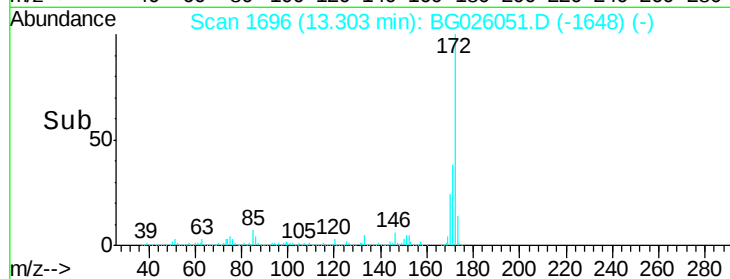
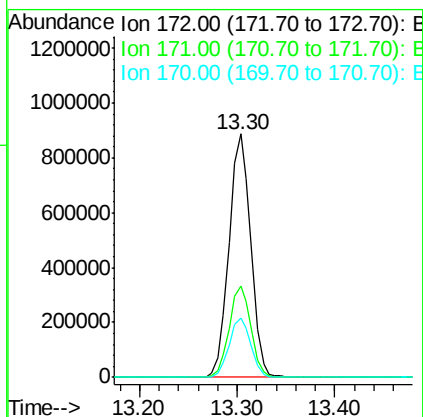
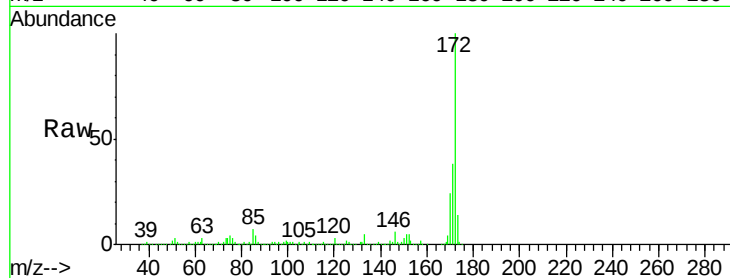




#44
2-Fluorobiphenyl
Concen: 88.15 ng
RT: 13.30 min Scan# 1696
Delta R.T. -0.02 min
Lab File: BG026051.D
Acq: 3 Mar 2017 5:10

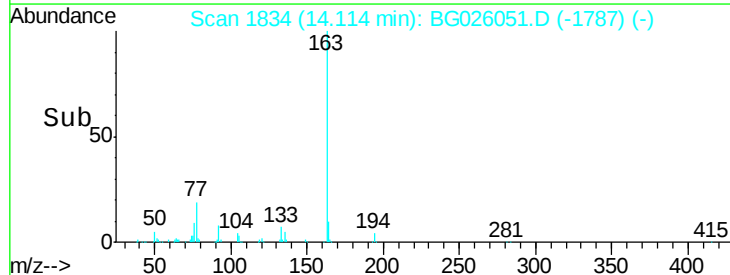
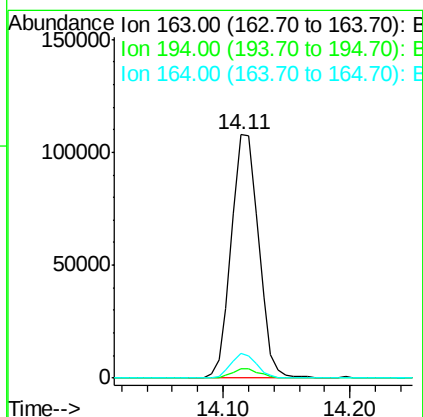
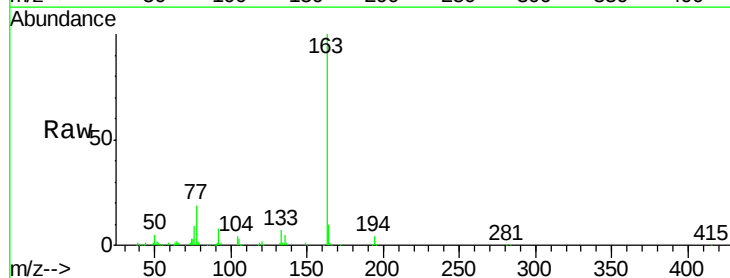
Instrument :
BNA_G
ClientSampleId :
28B-4

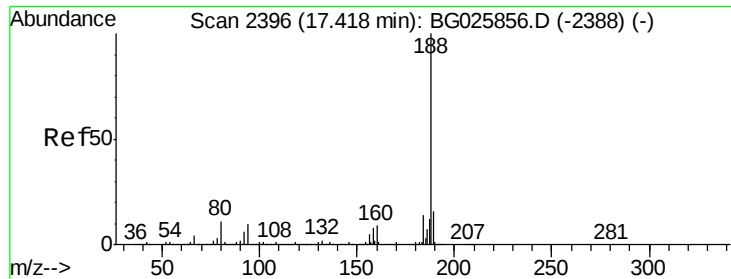
Tgt Ion:172 Resp: 1369051
Ion Ratio Lower Upper
172 100
171 37.7 32.2 48.2
170 24.5 21.8 32.6



#49
Dimethylphthalate
Concen: 8.62 ng
RT: 14.11 min Scan# 1834
Delta R.T. -0.03 min
Lab File: BG026051.D
Acq: 3 Mar 2017 5:10

Tgt Ion:163 Resp: 160512
Ion Ratio Lower Upper
163 100
194 3.7 3.8 5.6#
164 10.3 9.3 13.9

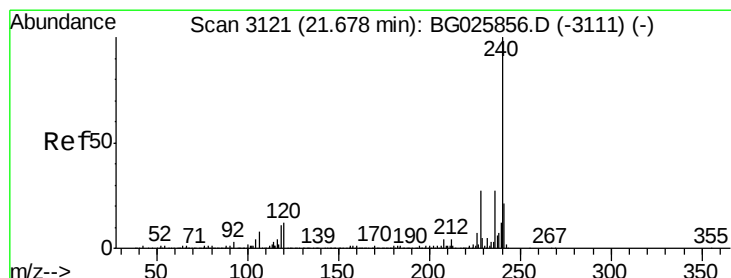
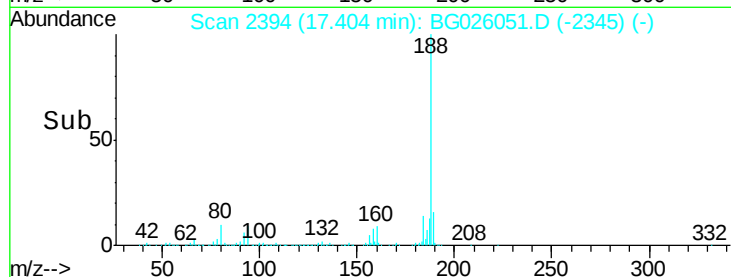
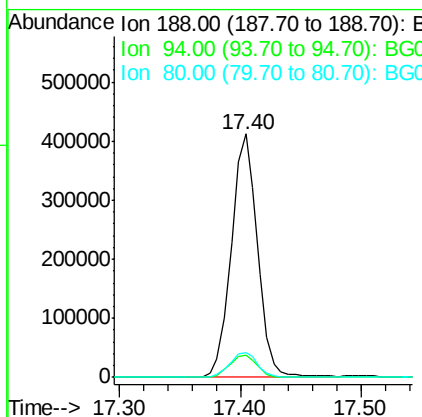
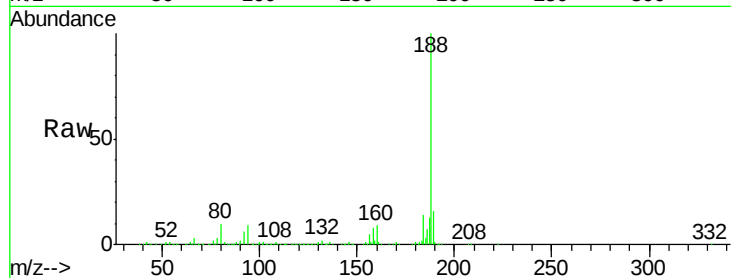




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.40 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BG026051.D
Acq: 3 Mar 2017 5:10

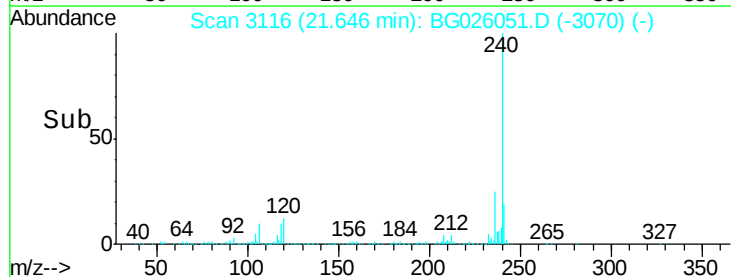
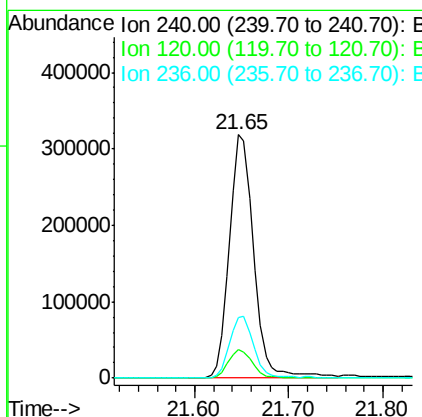
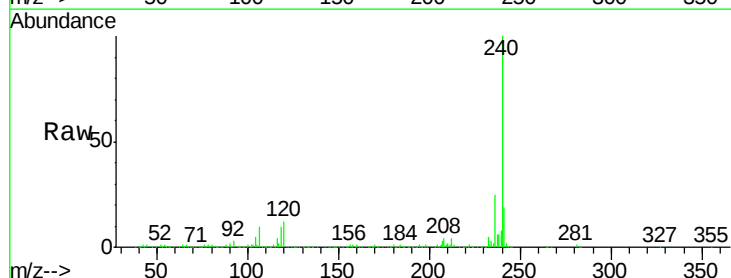
Instrument :
BNA_G
ClientSampled :
28B-4

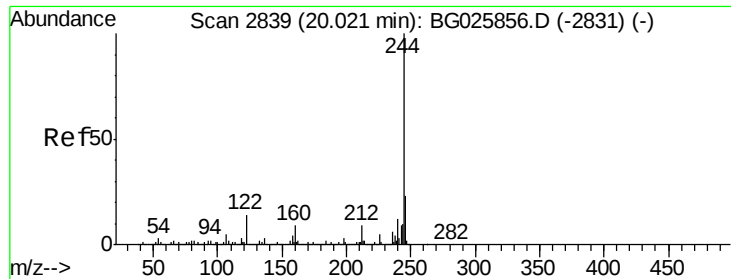
Tgt Ion:188 Resp: 623557
Ion Ratio Lower Upper
188 100
94 9.2 5.8 8.8#
80 10.4 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.65 min Scan# 3116
Delta R.T. -0.03 min
Lab File: BG026051.D
Acq: 3 Mar 2017 5:10

Tgt Ion:240 Resp: 575875
Ion Ratio Lower Upper
240 100
120 11.9 5.7 8.5#
236 25.1 22.2 33.4





#78

Terphenyl-d14

Concen: 72.36 ng

RT: 20.00 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BG026051.D

Acq: 3 Mar 2017 5:10

Instrument :

BNA_G

ClientSampleId :

28B-4

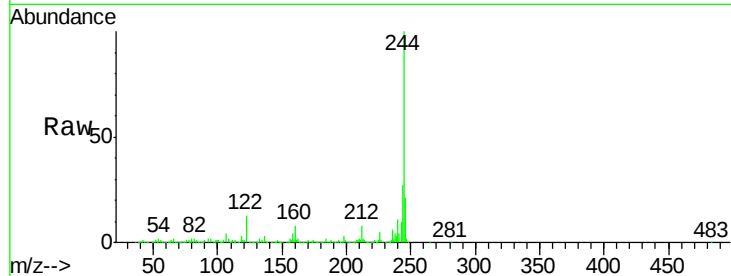
Tgt Ion:244 Resp: 1713368

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

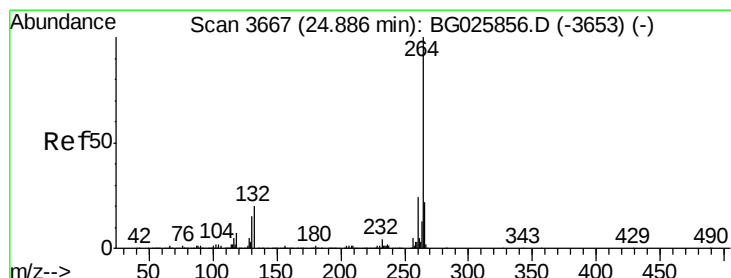
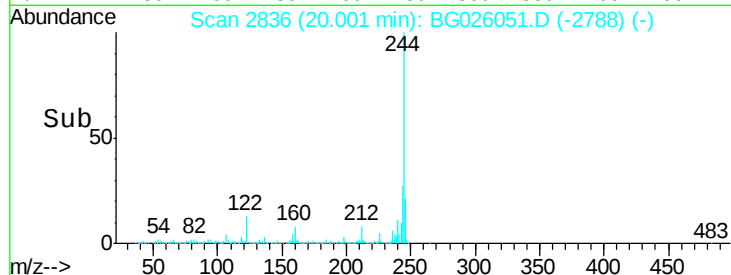
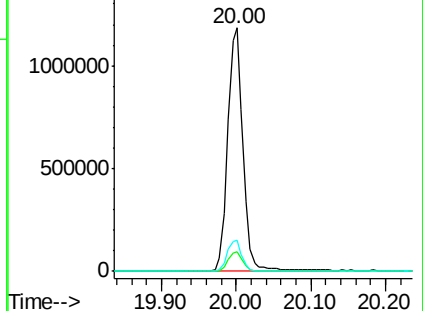
122 12.8 8.6 12.8



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: 24.85 min Scan# 3661

Delta R.T. -0.04 min

Lab File: BG026051.D

Acq: 3 Mar 2017 5:10

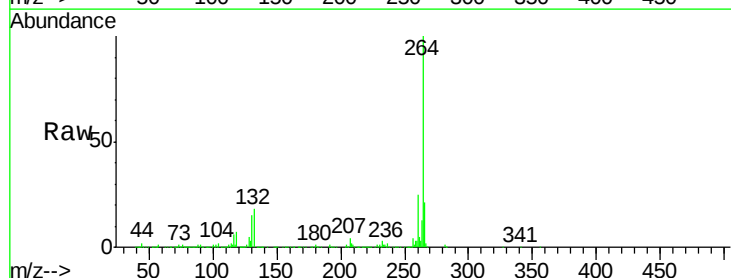
Tgt Ion:264 Resp: 544432

Ion Ratio Lower Upper

264 100

260 24.8 21.8 32.8

265 21.5 18.2 27.4



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

