

Data File : BG026007.D
Acq On : 28 Feb 2017 21:38
Operator : SJ/MA
Sample : I2006-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CPS073051

Quant Time: Mar 01 00:48:45 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	8.08	152	91691	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	418050	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	281917	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	782998	20.00	ng	-0.01
75) Chrysene-d12	21.65	240	802908	20.00	ng	-0.02
86) Perylene-d12	24.85	264	757904	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	422567	80.24	ng	-0.01
7) Phenol-d6	7.23	99	375327	48.16	ng	0.00
23) Nitrobenzene-d5	9.23	82	725364	109.50	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	594860	228.39	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1858062	115.17	ng	-0.01
78) Terphenyl-d14	20.00	244	2714345	82.22	ng	-0.02
Target Compounds						
35) Caprolactam	11.76	113	55629	23.08	ng	# 73
49) Dimethylphthalate	14.12	163	95666	4.95	ng	# 95

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

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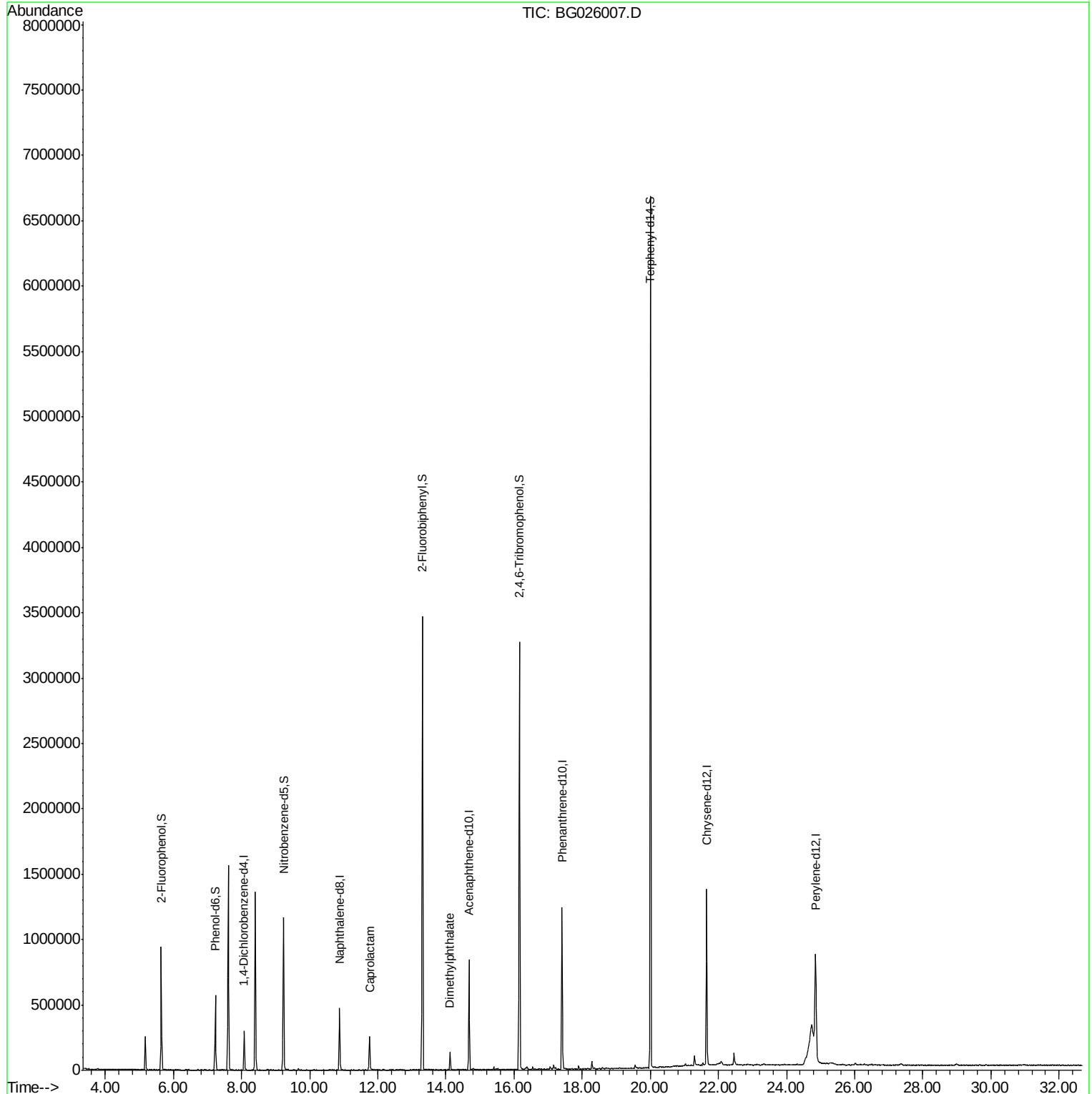
Quant Time: Mar 01 00:48:45 2017

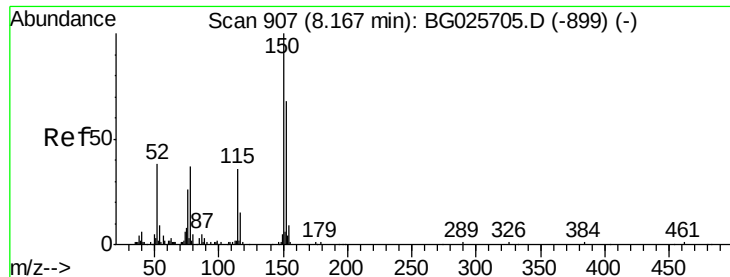
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M

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: 8.08 min Scan# 806

Delta R.T. -0.01 min

Lab File: BG026007.D

Acq: 28 Feb 2017 21:38

Instrument :

BNA_G

ClientSampled :

CPS073051

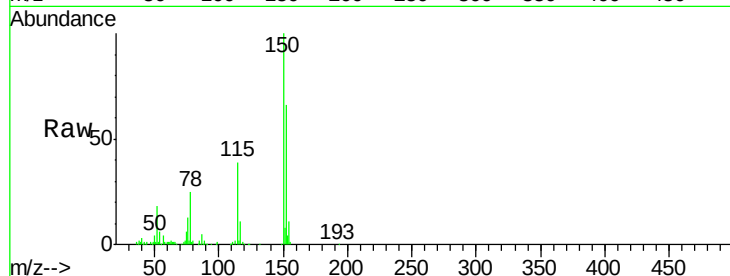
Tgt Ion:152 Resp: 91691

Ion Ratio Lower Upper

152 100

150 152.2 114.0 171.0

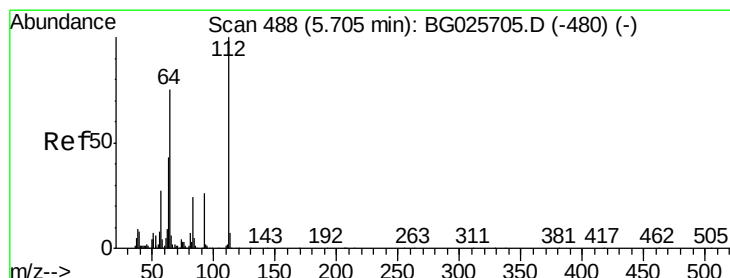
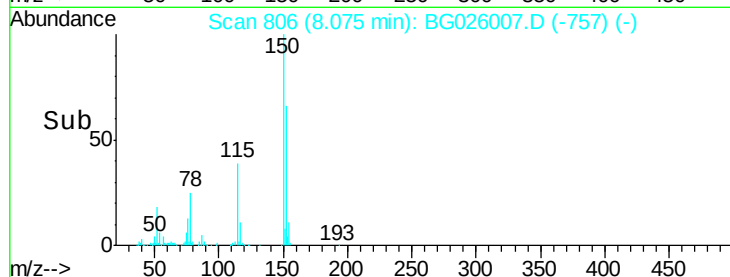
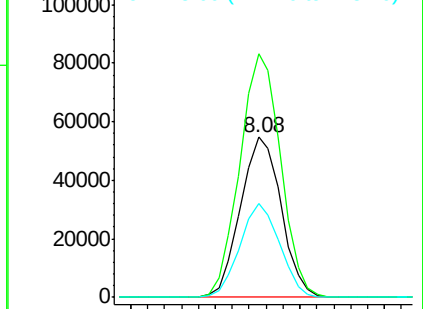
115 59.0 48.1 72.1



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: 80.24 ng

RT: 5.64 min Scan# 392

Delta R.T. -0.01 min

Lab File: BG026007.D

Acq: 28 Feb 2017 21:38

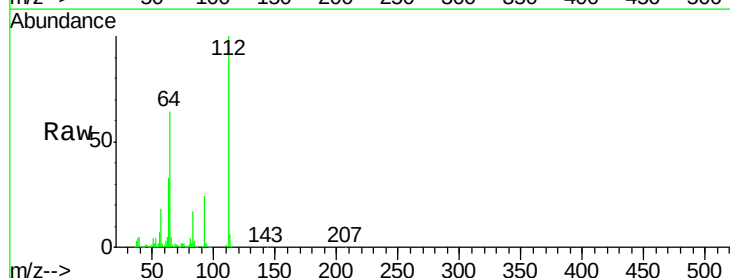
Tgt Ion:112 Resp: 422567

Ion Ratio Lower Upper

112 100

64 64.5 61.8 92.6

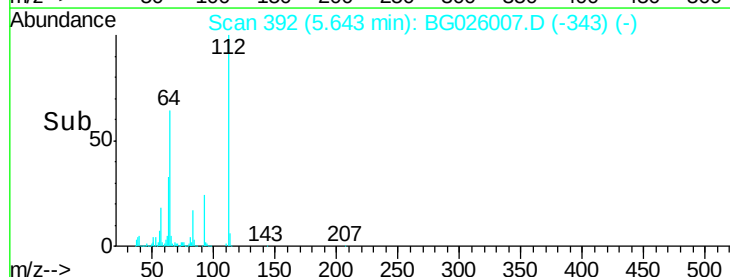
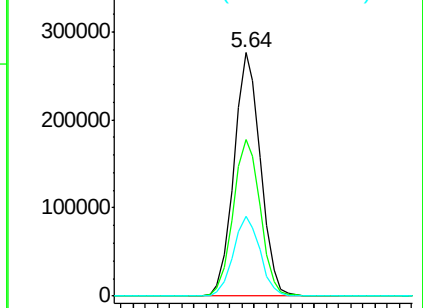
63 32.5 37.2 55.8#

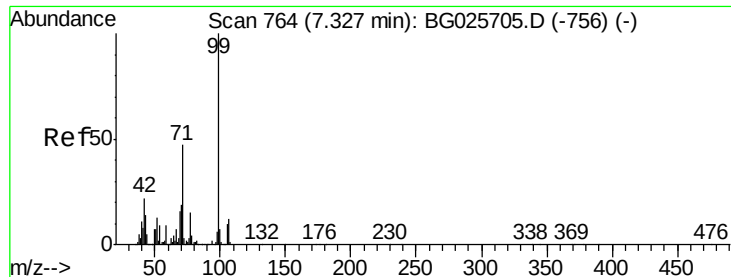


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 48.16 ng

RT: 7.23 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG026007.D

Acq: 28 Feb 2017 21:38

Instrument :

BNA_G

ClientSampleId :

CPS073051

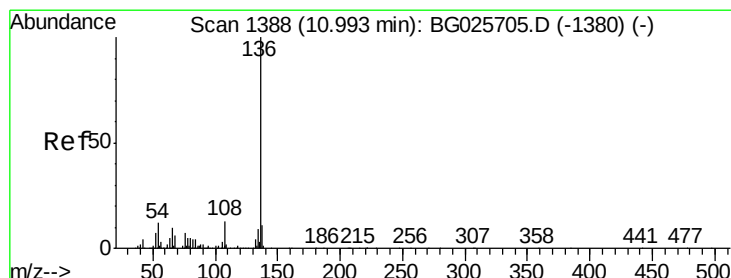
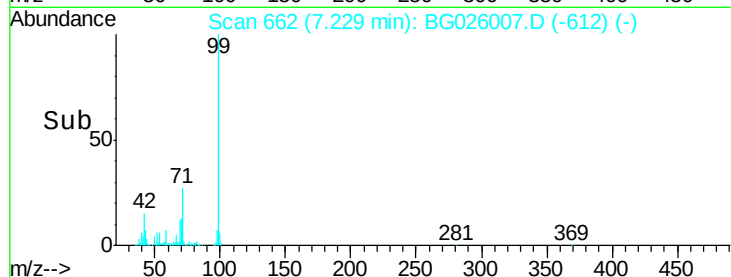
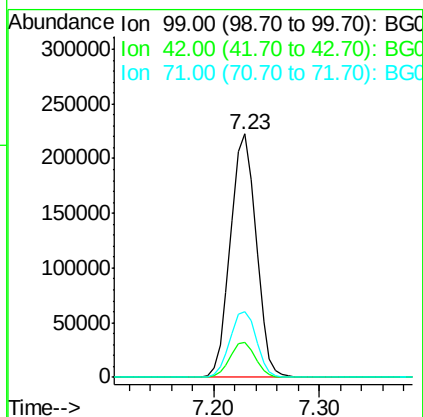
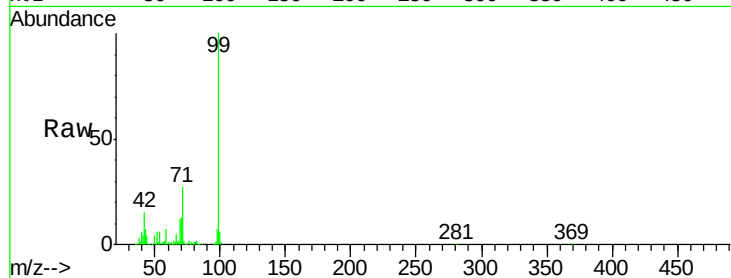
Tgt Ion: 99 Resp: 375327

Ion Ratio Lower Upper

99 100

42 14.5 20.5 30.7#

71 27.1 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.88 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG026007.D

Acq: 28 Feb 2017 21:38

Tgt Ion: 136 Resp: 418050

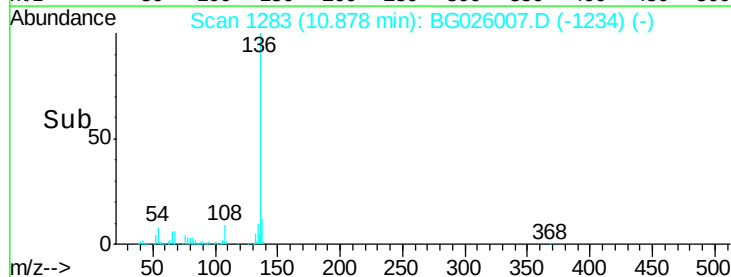
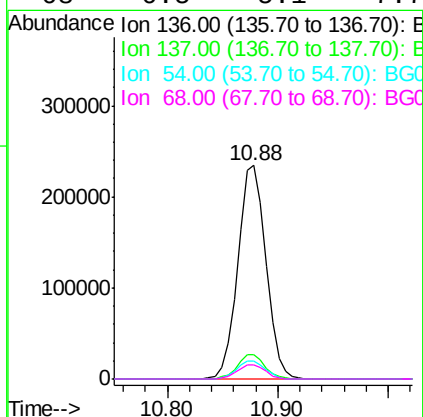
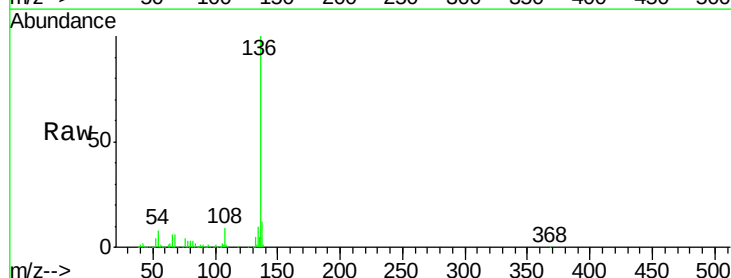
Ion Ratio Lower Upper

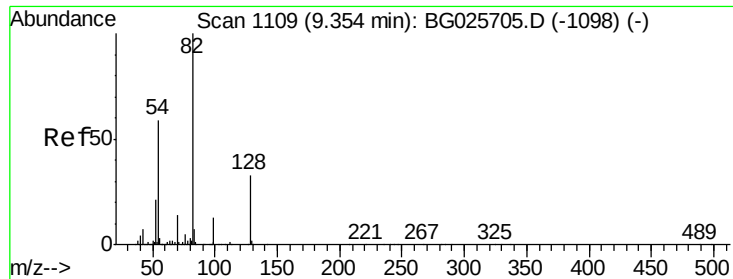
136 100

137 11.6 8.9 13.3

54 8.3 9.3 13.9#

68 6.5 5.1 7.7

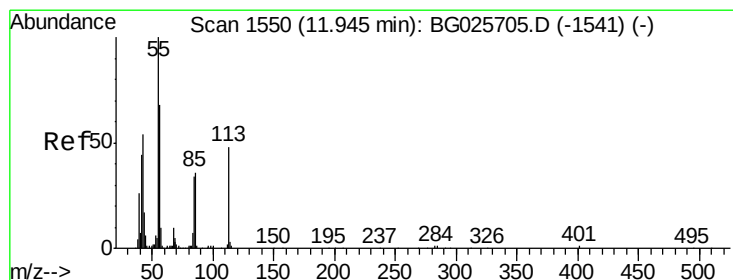
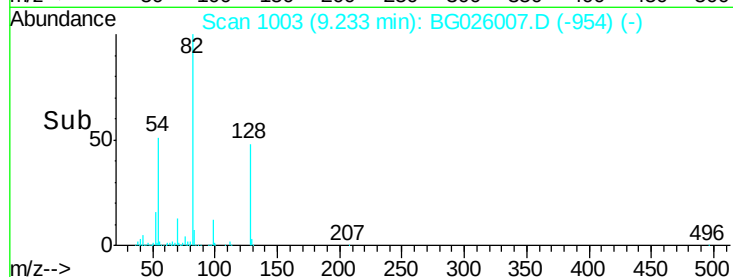
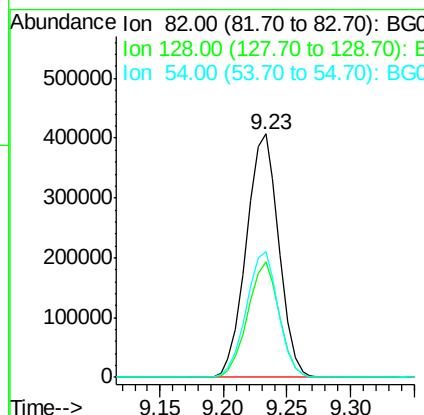
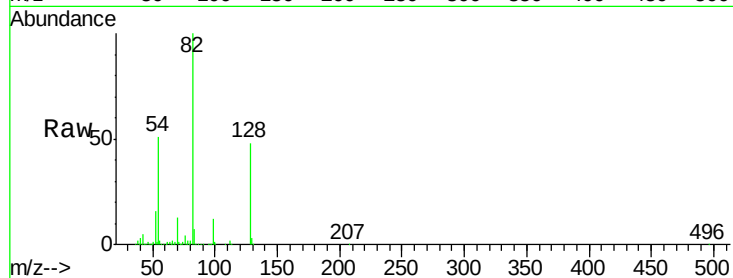




#23
 Nitrobenzene-d5
 Concen: 109.50 ng
 RT: 9.23 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BG026007.D
 Acq: 28 Feb 2017 21:38

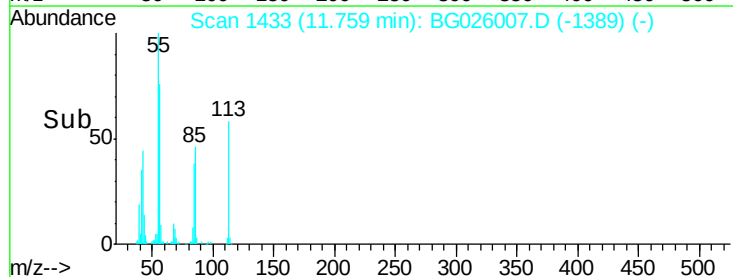
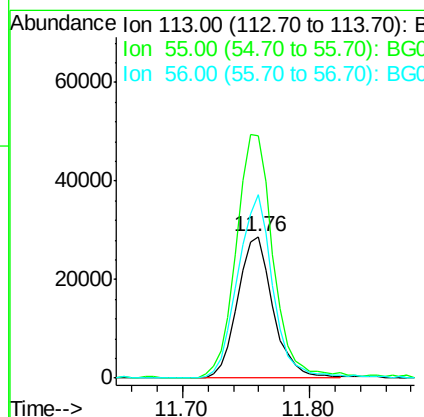
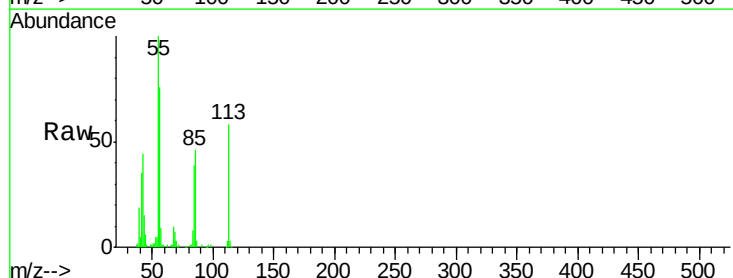
Instrument :
 BNA_G
 ClientSampleId :
 CPS073051

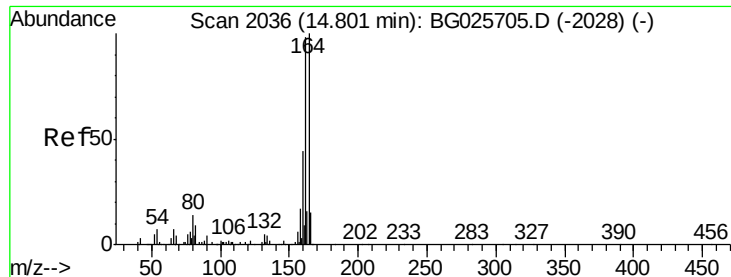
Tgt Ion: 82 Resp: 725364
 Ion Ratio Lower Upper
 82 100
 128 47.5 26.4 39.6#
 54 51.4 49.4 74.2



#35
 Caprolactam
 Concen: 23.08 ng
 RT: 11.76 min Scan# 1433
 Delta R.T. -0.04 min
 Lab File: BG026007.D
 Acq: 28 Feb 2017 21:38

Tgt Ion: 113 Resp: 55629
 Ion Ratio Lower Upper
 113 100
 55 171.0 198.6 238.6#
 56 130.2 140.4 180.4#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.68 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BG026007.D

Acq: 28 Feb 2017 21:38

Instrument :

BNA_G

ClientSampleId :

CPS073051

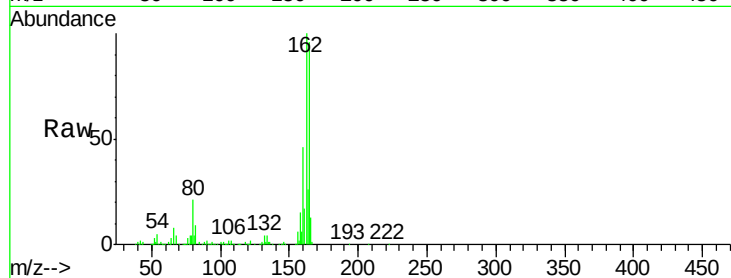
Tgt Ion:164 Resp: 281917

Ion Ratio Lower Upper

164 100

162 104.1 85.1 127.7

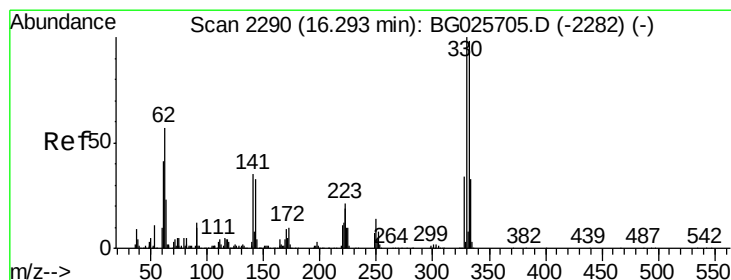
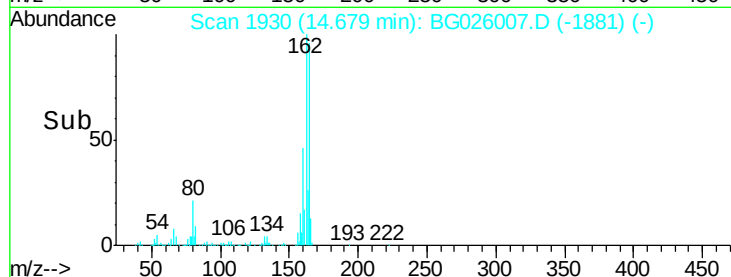
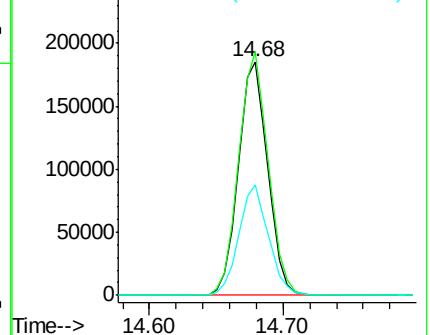
160 47.4 34.7 52.1



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: 228.39 ng

RT: 16.16 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG026007.D

Acq: 28 Feb 2017 21:38

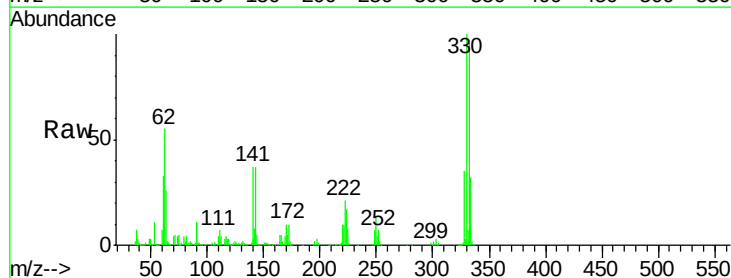
Tgt Ion:330 Resp: 594860

Ion Ratio Lower Upper

330 100

332 96.7 77.3 115.9

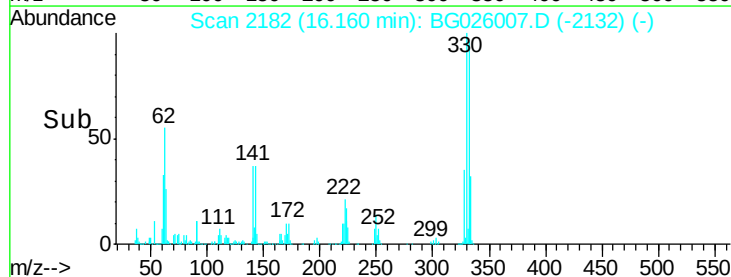
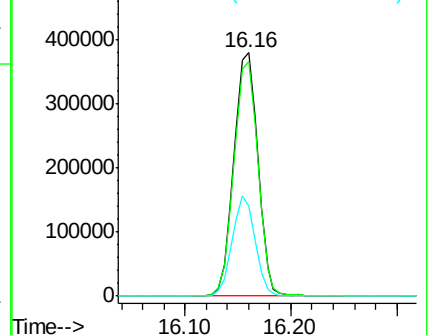
141 39.2 32.1 48.1

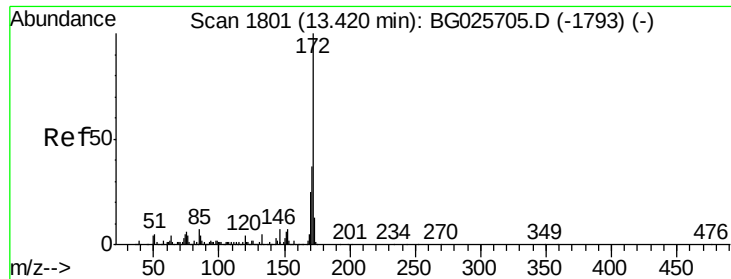


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

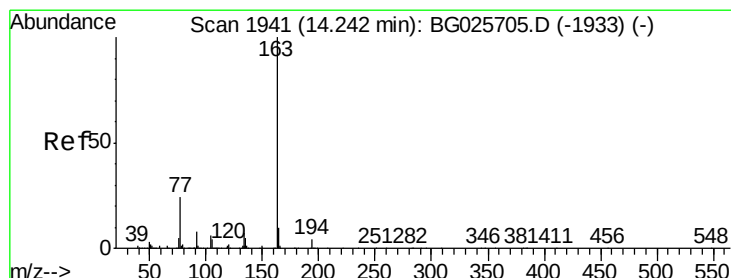
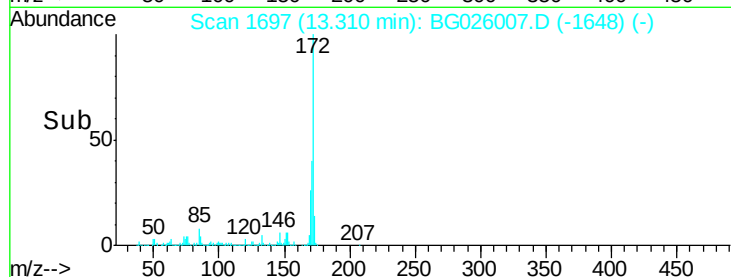
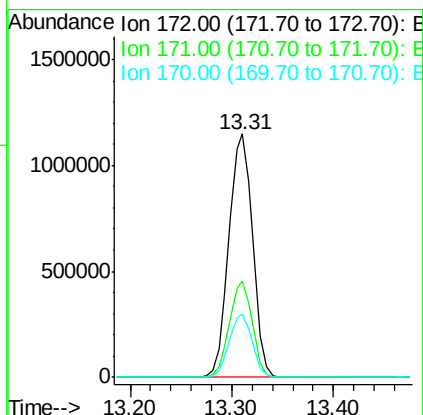
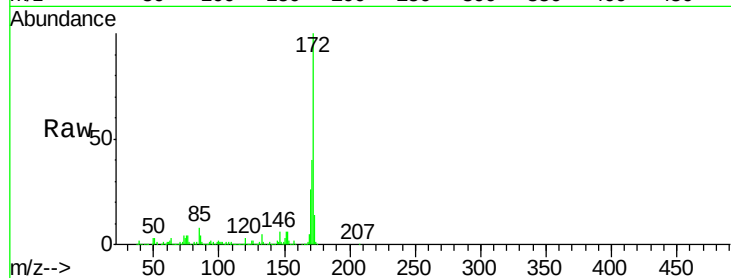




#44
2-Fluorobiphenyl
Concen: 115.17 ng
RT: 13.31 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BG026007.D
Acq: 28 Feb 2017 21:38

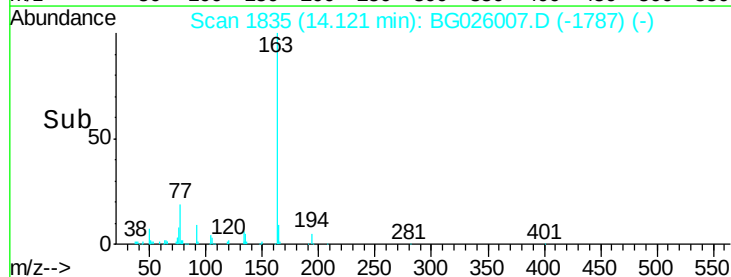
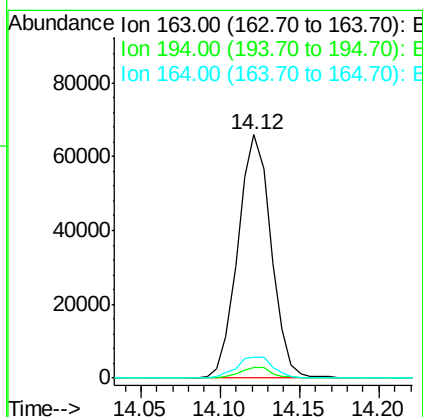
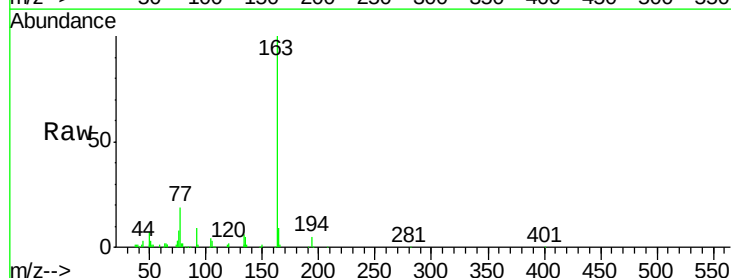
Instrument :
BNA_G
ClientSampleId :
CPS073051

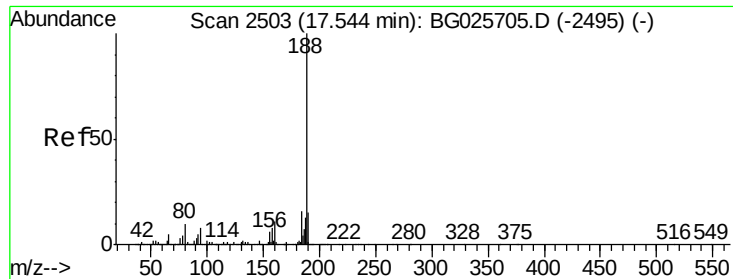
Tgt Ion:172 Resp: 1858062
Ion Ratio Lower Upper
172 100
171 39.5 32.2 48.2
170 26.0 21.8 32.6



#49
Dimethylphthalate
Concen: 4.95 ng
RT: 14.12 min Scan# 1835
Delta R.T. -0.02 min
Lab File: BG026007.D
Acq: 28 Feb 2017 21:38

Tgt Ion:163 Resp: 95666
Ion Ratio Lower Upper
163 100
194 4.5 3.8 5.6
164 8.8 9.3 13.9#

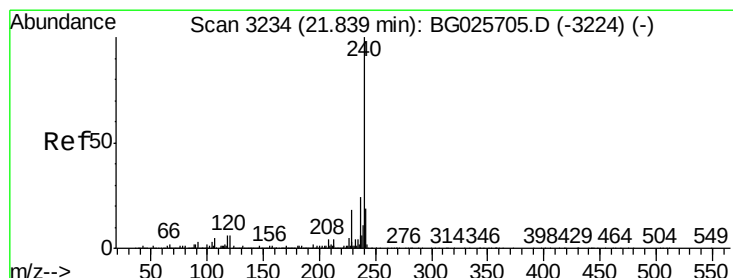
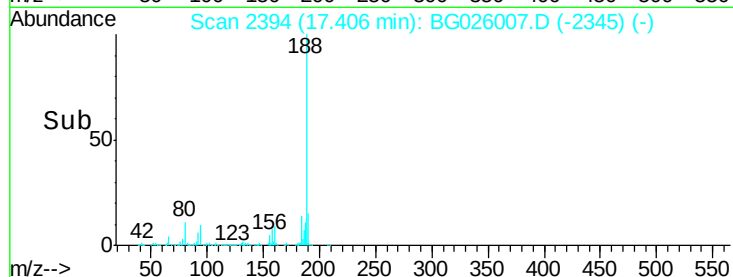
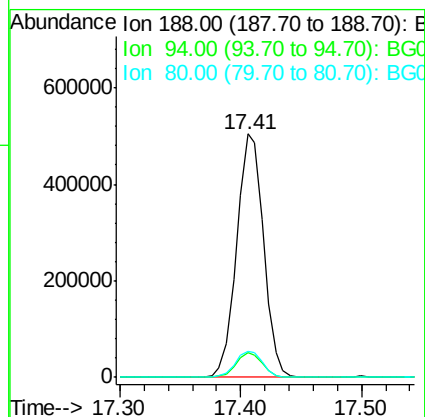
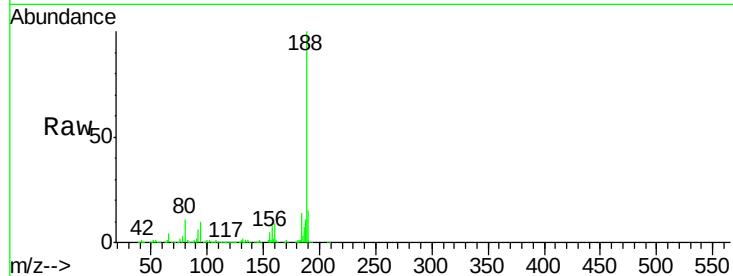




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.41 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BG026007.D
Acq: 28 Feb 2017 21:38

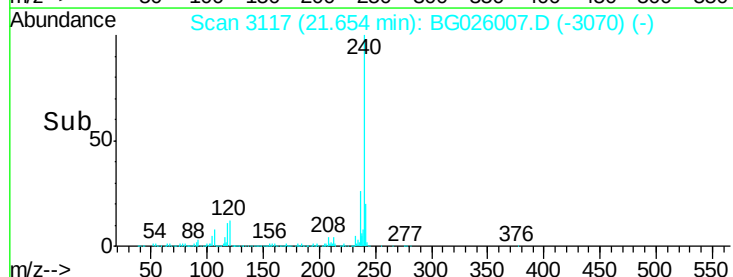
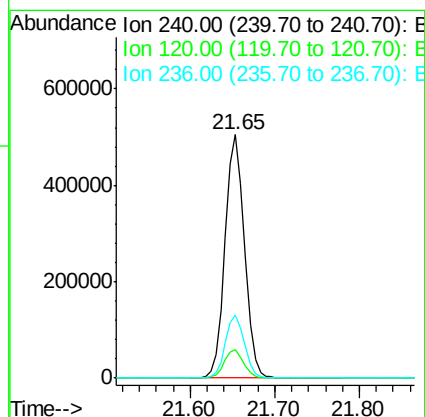
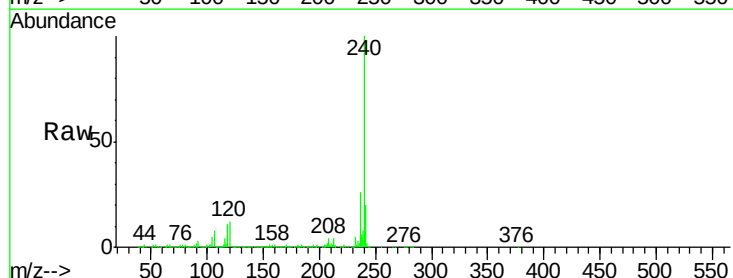
Instrument :
BNA_G
ClientSampleId :
CPS073051

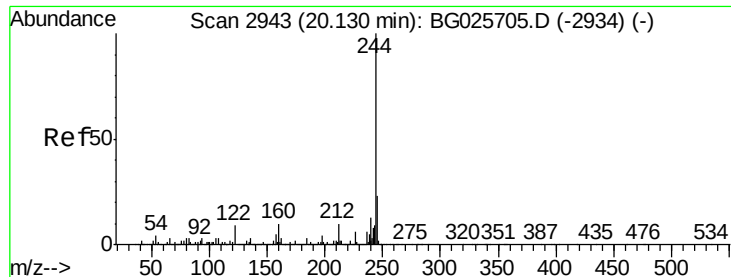
Tgt Ion:188 Resp: 782998
Ion Ratio Lower Upper
188 100
94 10.2 5.8 8.8#
80 10.8 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.65 min Scan# 3117
Delta R.T. -0.02 min
Lab File: BG026007.D
Acq: 28 Feb 2017 21:38

Tgt Ion:240 Resp: 802908
Ion Ratio Lower Upper
240 100
120 11.9 5.7 8.5#
236 25.7 22.2 33.4





#78

Terphenyl-d14

Concen: 82.22 ng

RT: 20.00 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BG026007.D

Acq: 28 Feb 2017 21:38

Instrument :

BNA_G

ClientSampleId :

CPS073051

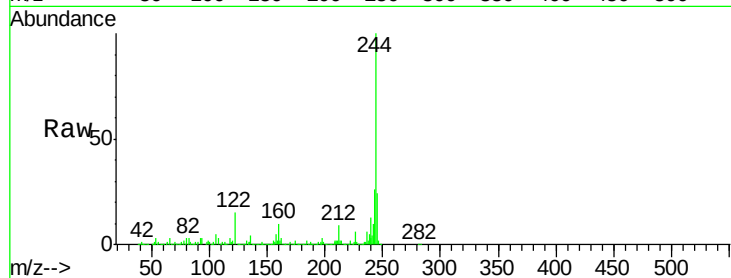
Tgt Ion:244 Resp: 2714345

Ion Ratio Lower Upper

244 100

212 9.4 10.0 15.0#

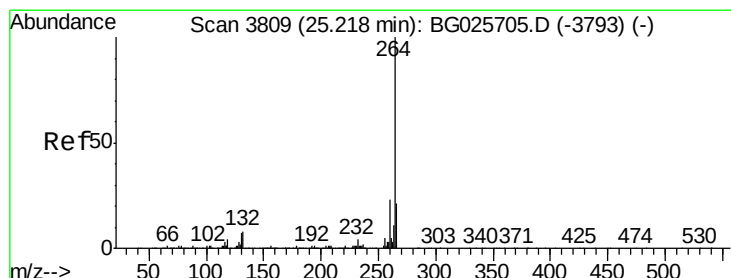
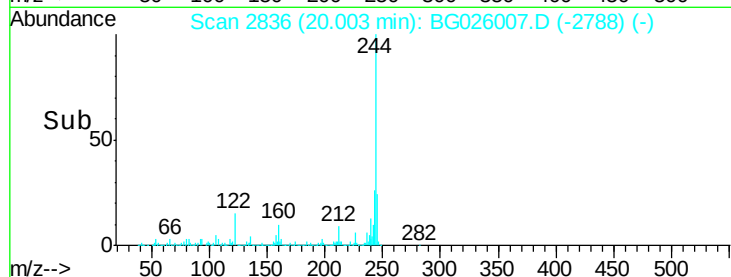
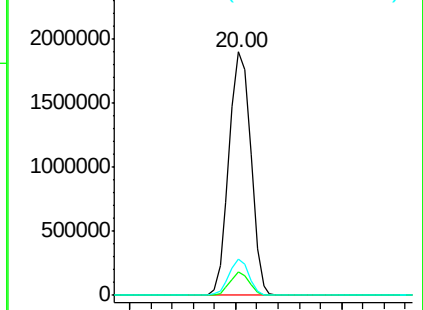
122 15.0 8.6 12.8#



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: BG026007.D

Acq: 28 Feb 2017 21:38

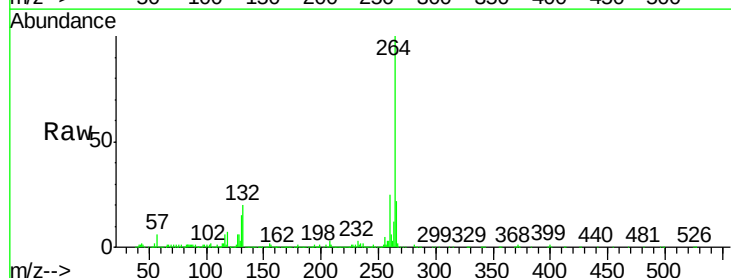
Tgt Ion:264 Resp: 757904

Ion Ratio Lower Upper

264 100

260 25.0 21.8 32.8

265 21.8 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

