

Data File : BG025987.D
Acq On : 28 Feb 2017 6:21
Operator : SJ/MA
Sample : I1989-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-CC9-CC10-CC11-CC12

Quant Time: Feb 28 07:08:47 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 15:48:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	81671	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	397823	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	282591	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	761167	20.00	ng	0.00
75) Chrysene-d12	21.65	240	796874	20.00	ng	-0.03
86) Perylene-d12	24.85	264	765969	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	558420	119.04	ng	-0.01
7) Phenol-d6	7.23	99	828996	119.42	ng	0.00
23) Nitrobenzene-d5	9.23	82	436077	69.18	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	395988	151.67	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1302795	80.56	ng	-0.01
78) Terphenyl-d14	20.00	244	2024848	61.80	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.12	163	373748	19.28	ng	96
59) Diethylphthalate	15.48	149	2581542	128.74	ng	96

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

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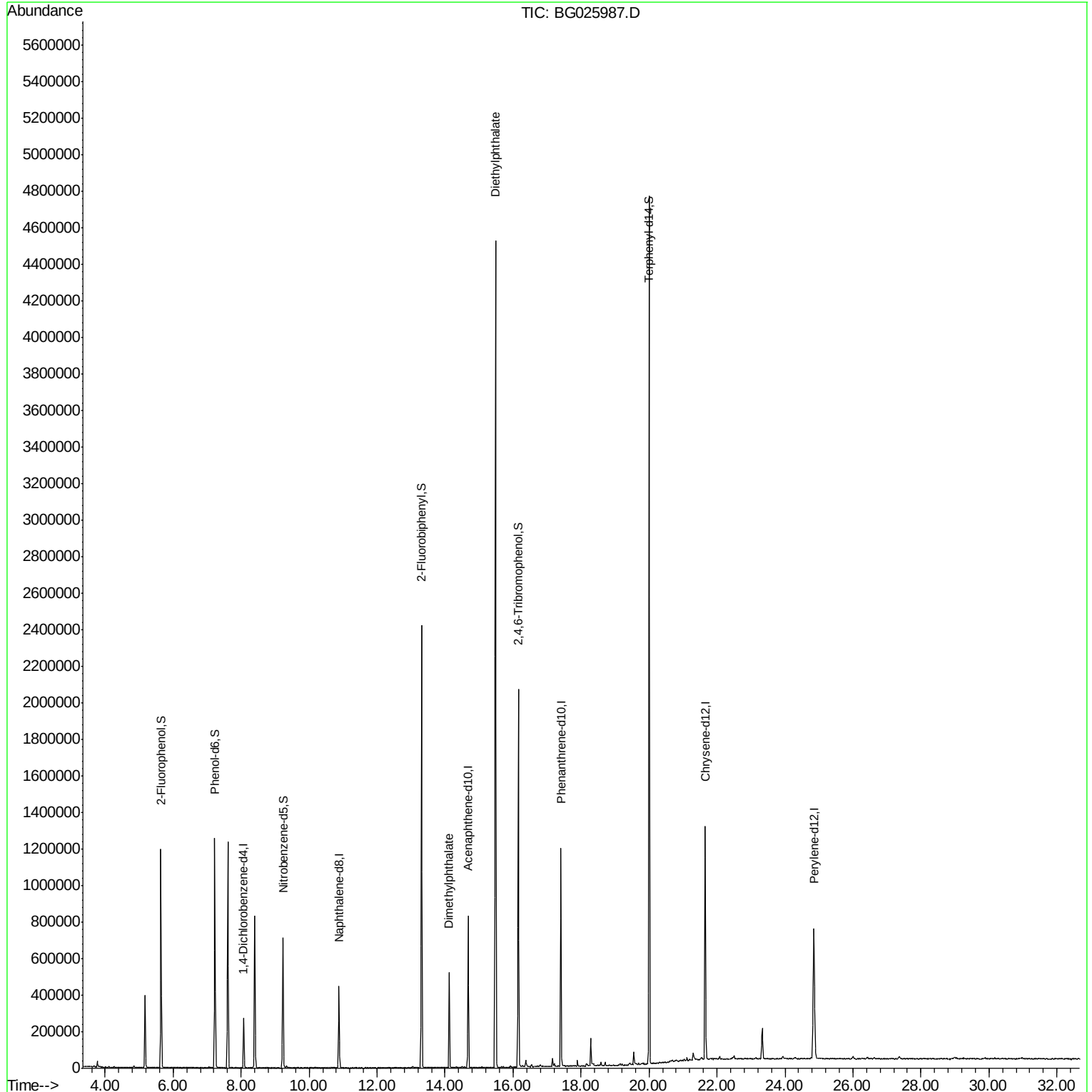
Quant Time: Feb 28 07:08:47 2017

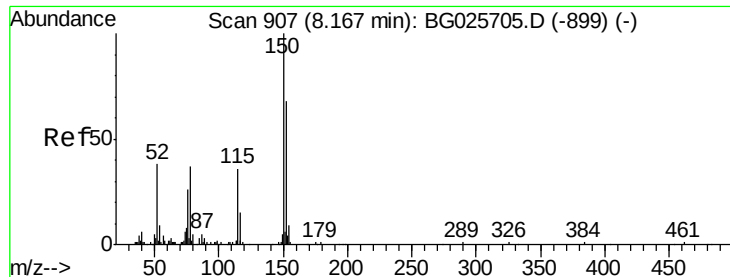
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Feb 17 15:48:21 2017

Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.07 min Scan# 806

Delta R.T. -0.01 min

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Acq: 28 Feb 2017 6:21

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-CC9-CC10-CC11-CC12

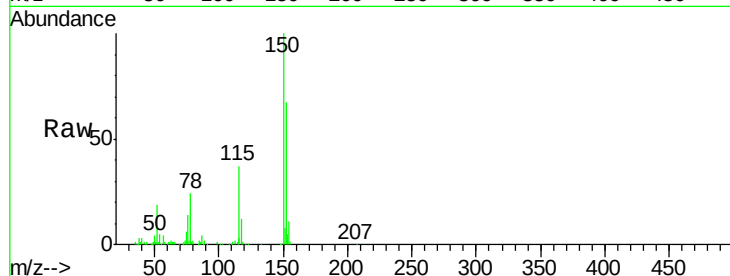
Tgt Ion:152 Resp: 81671

Ion Ratio Lower Upper

152 100

150 149.2 114.0 171.0

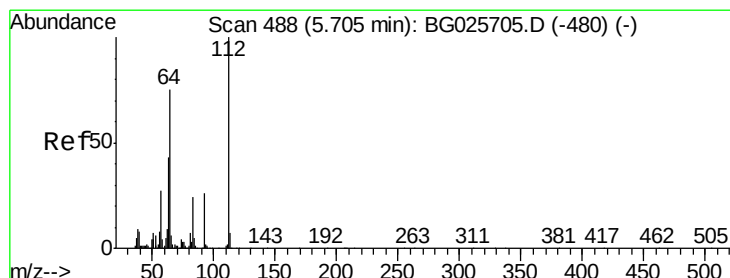
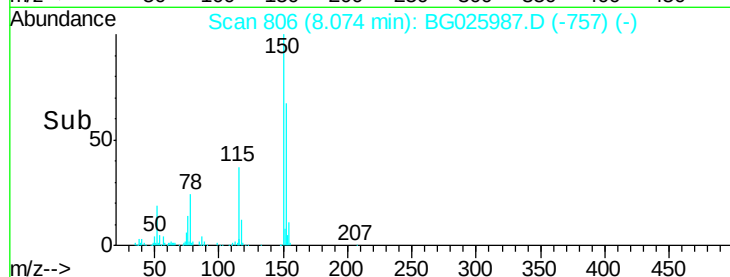
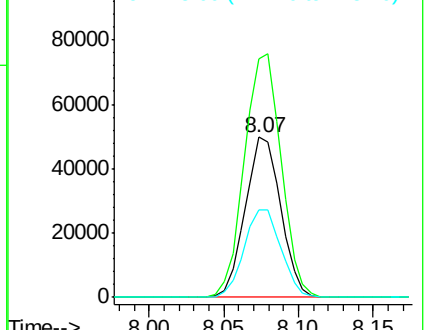
115 54.9 48.1 72.1



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: 119.04 ng

RT: 5.64 min Scan# 392

Delta R.T. -0.01 min

Lab File: BG025987.D

Acq: 28 Feb 2017 6:21

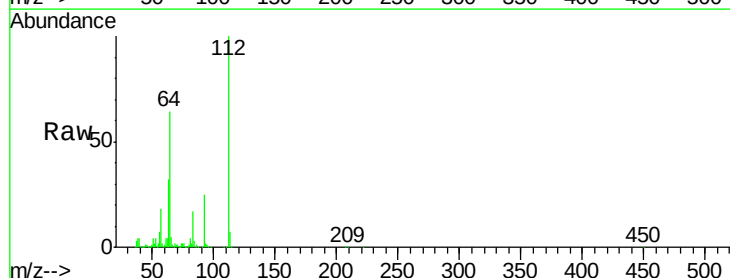
Tgt Ion:112 Resp: 558420

Ion Ratio Lower Upper

112 100

64 64.4 61.8 92.6

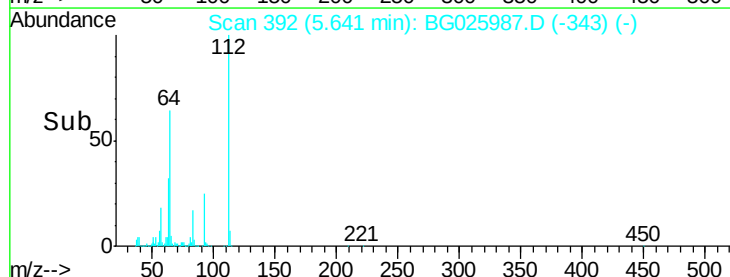
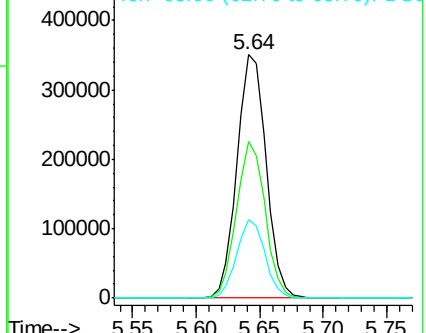
63 32.0 37.2 55.8#

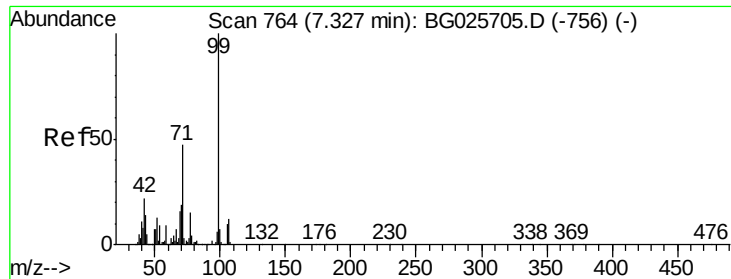


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 119.42 ng

RT: 7.23 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG025987.D

Acq: 28 Feb 2017 6:21

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-CC9-CC10-CC11-CC12

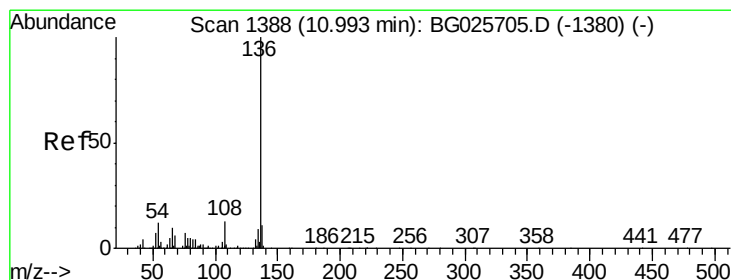
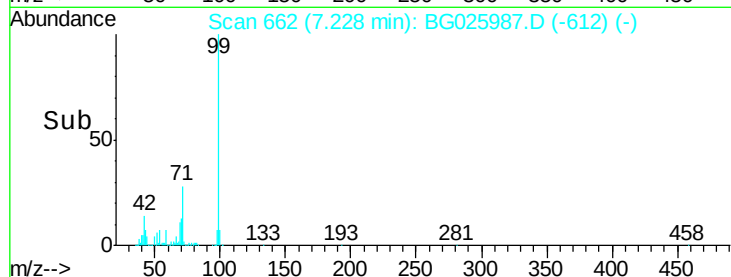
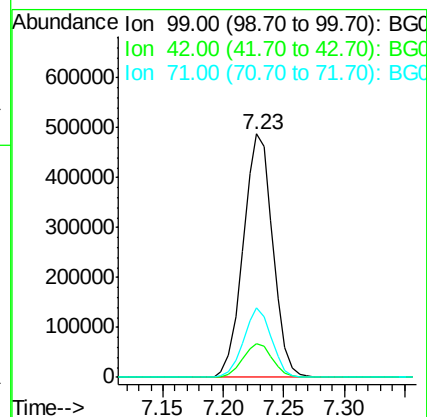
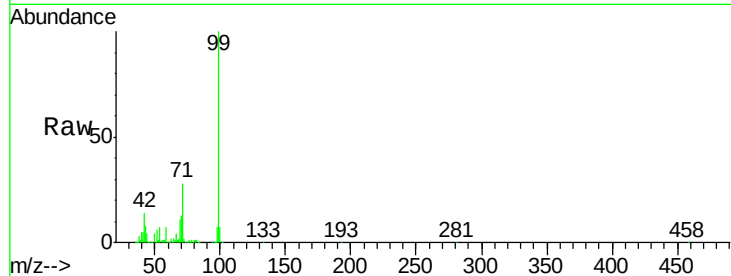
Tgt Ion: 99 Resp: 828996

Ion Ratio Lower Upper

99 100

42 13.8 20.5 30.7#

71 28.5 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: BG025987.D

Acq: 28 Feb 2017 6:21

Tgt Ion: 136 Resp: 397823

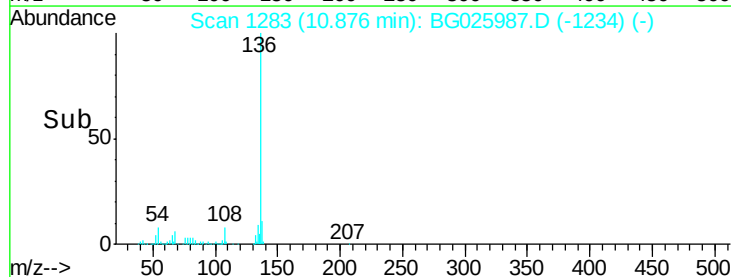
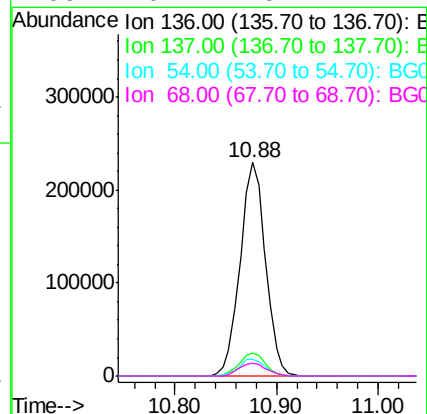
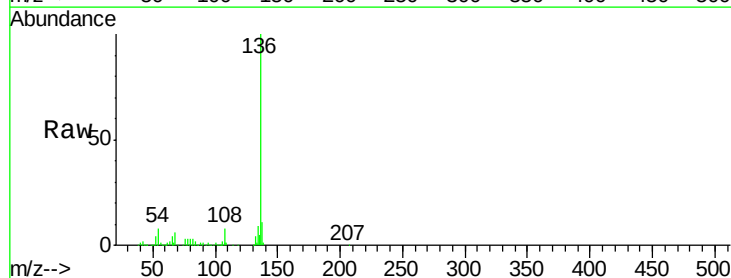
Ion Ratio Lower Upper

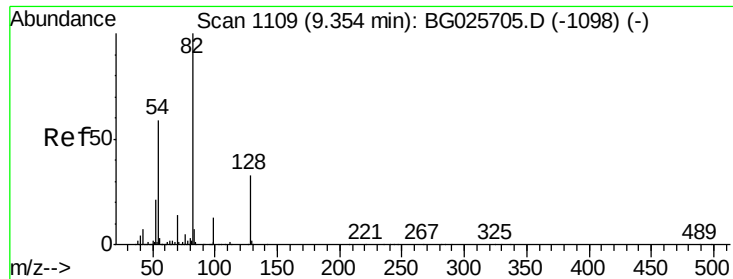
136 100

137 10.8 8.9 13.3

54 8.0 9.3 13.9#

68 6.2 5.1 7.7

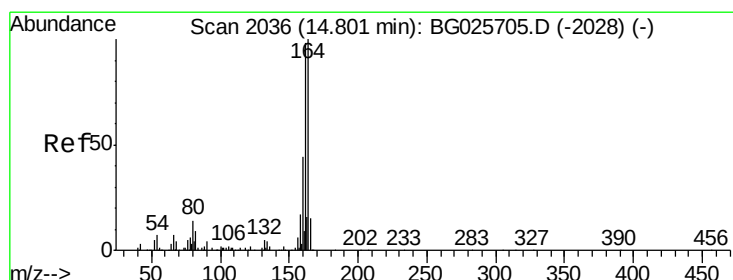
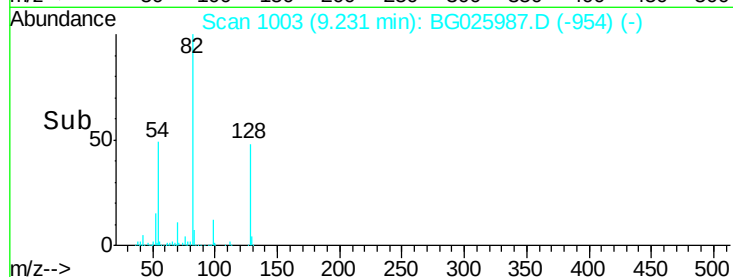
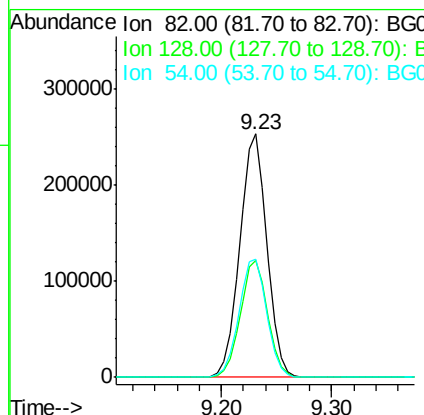
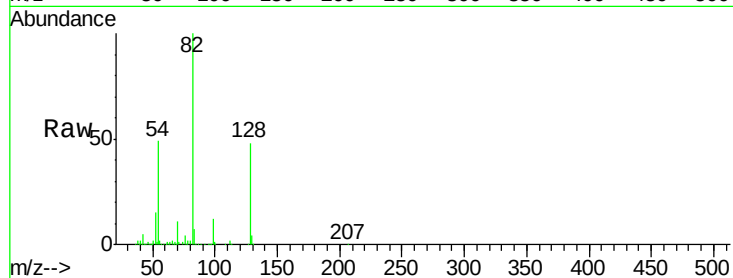




#23
 Nitrobenzene-d5
 Concen: 69.18 ng
 RT: 9.23 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BG025987.D
 Acq: 28 Feb 2017 6:21

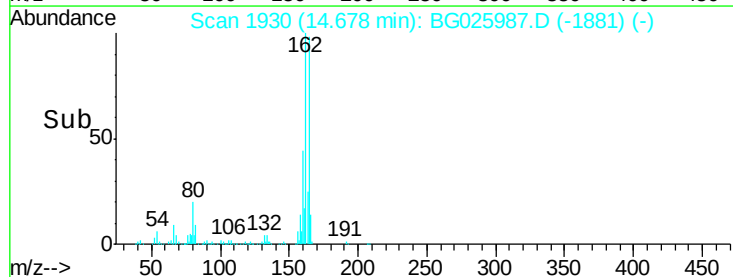
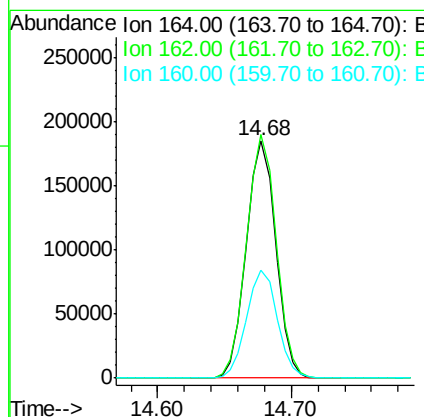
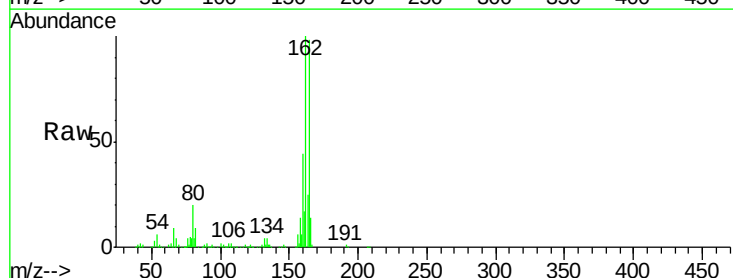
Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-CC9-CC10-CC11-CC12

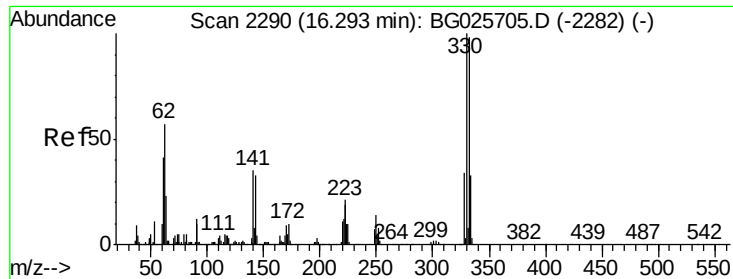
Tgt Ion: 82 Resp: 436077
 Ion Ratio Lower Upper
 82 100
 128 48.1 26.4 39.6#
 54 48.7 49.4 74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.68 min Scan# 1930
 Delta R.T. -0.01 min
 Lab File: BG025987.D
 Acq: 28 Feb 2017 6:21

Tgt Ion: 164 Resp: 282591
 Ion Ratio Lower Upper
 164 100
 162 102.6 85.1 127.7
 160 45.6 34.7 52.1

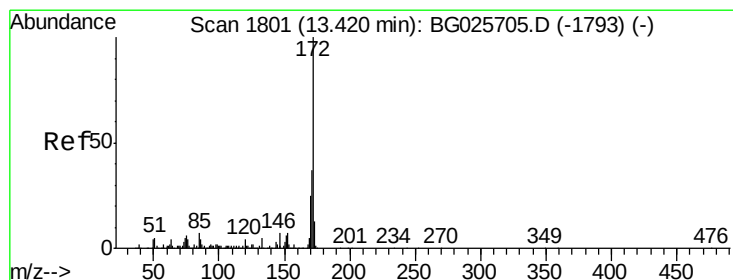
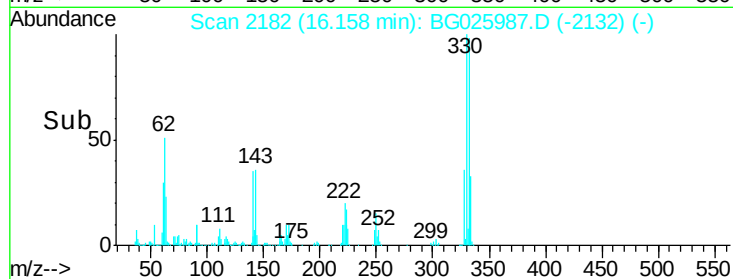
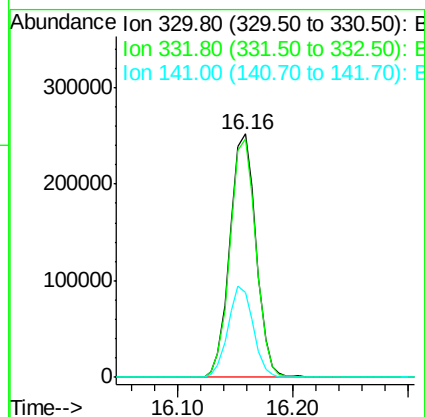
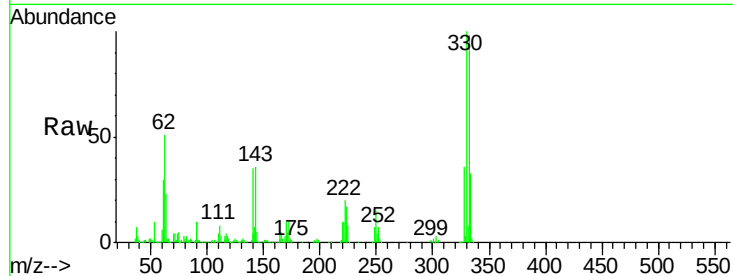




#41
 2,4,6-Tribromophenol
 Concen: 151.67 ng
 RT: 16.16 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BG025987.D
 Acq: 28 Feb 2017 6:21

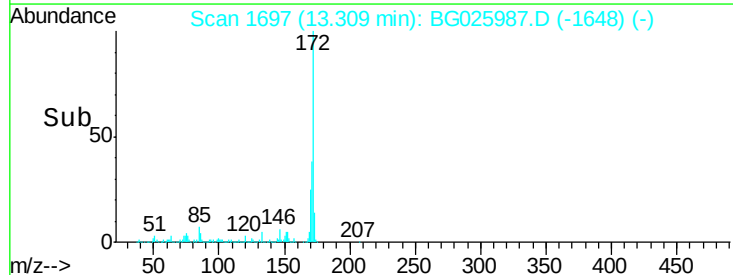
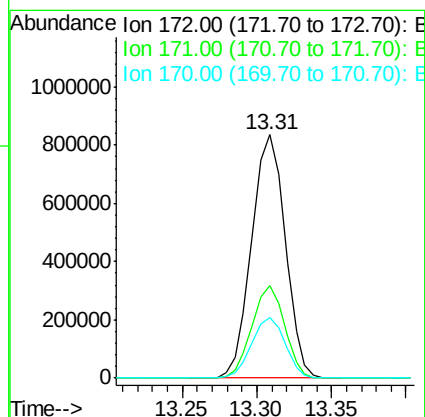
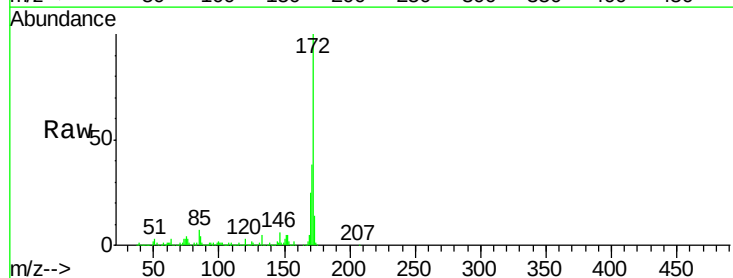
Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-CC9-CC10-CC11-CC12

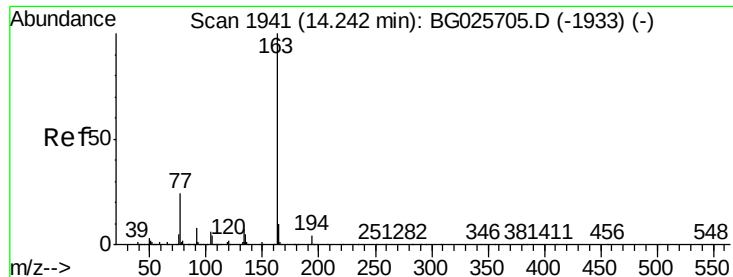
Tgt Ion:330 Resp: 395988
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.3 115.9
 141 36.2 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 80.56 ng
 RT: 13.31 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG025987.D
 Acq: 28 Feb 2017 6:21

Tgt Ion:172 Resp: 1302795
 Ion Ratio Lower Upper
 172 100
 171 37.8 32.2 48.2
 170 24.9 21.8 32.6





#49

Dimethylphthalate

Concen: 19.28 ng

RT: 14.12 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BG025987.D

Acq: 28 Feb 2017 6:21

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-CC9-CC10-CC11-CC12

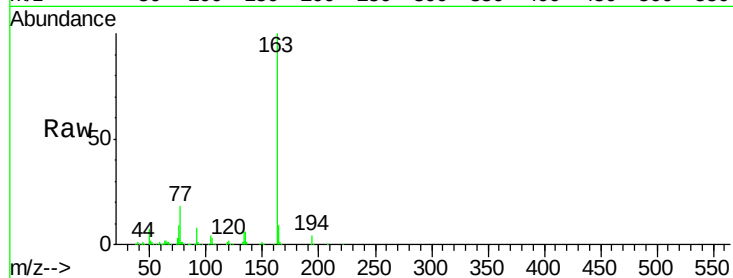
Tgt Ion:163 Resp: 373748

Ion Ratio Lower Upper

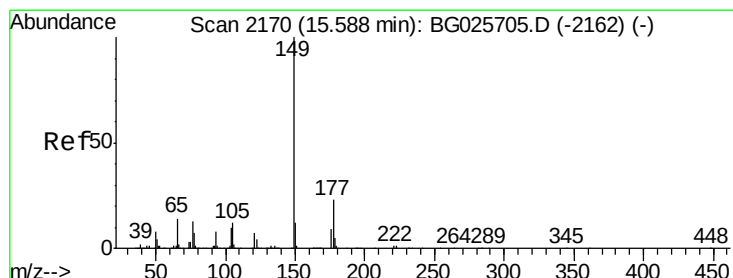
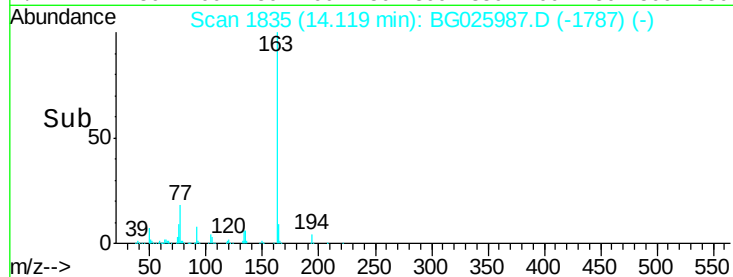
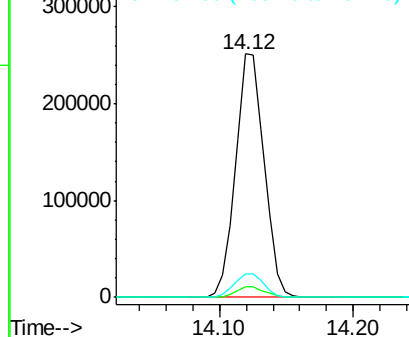
163 100

194 4.2 3.8 5.6

164 9.4 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#59

Diethylphthalate

Concen: 128.74 ng

RT: 15.48 min Scan# 2067

Delta R.T. -0.01 min

Lab File: BG025987.D

Acq: 28 Feb 2017 6:21

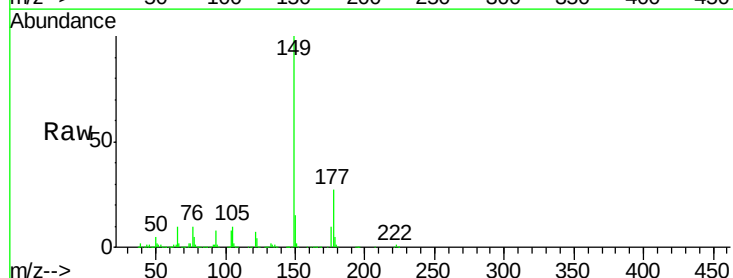
Tgt Ion:149 Resp: 2581542

Ion Ratio Lower Upper

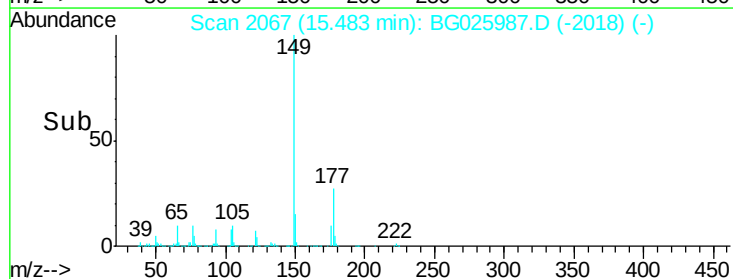
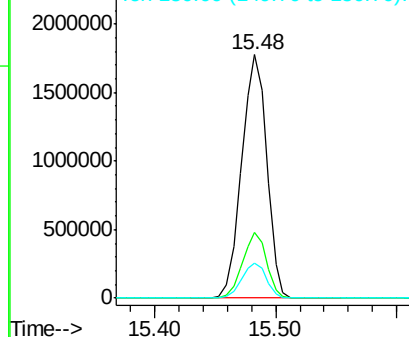
149 100

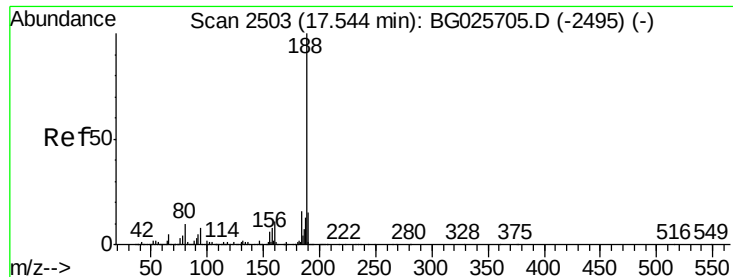
177 27.1 20.1 30.1

150 14.6 10.2 15.2



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

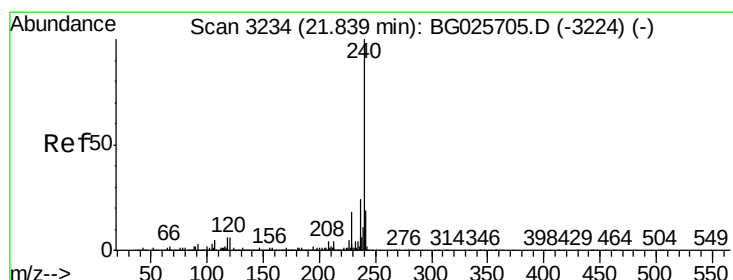
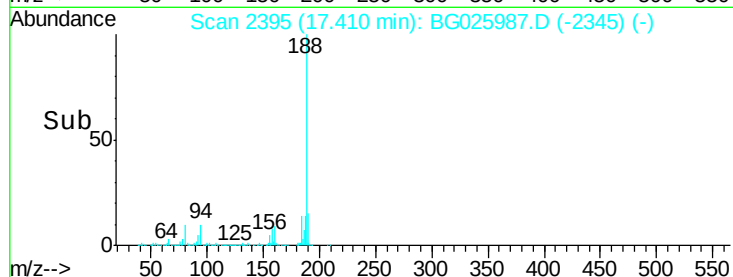
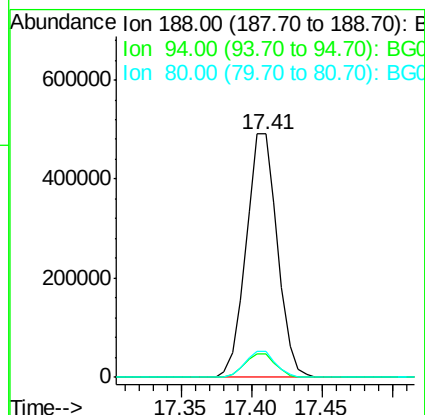
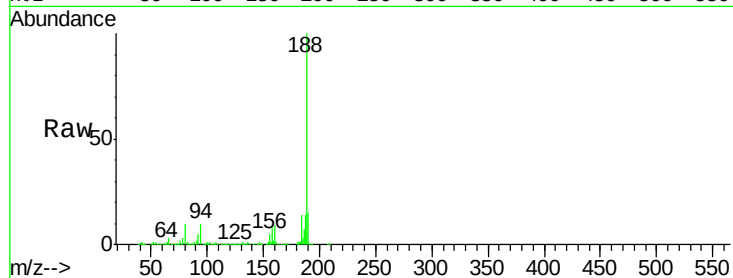




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.41 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BG025987.D
Acq: 28 Feb 2017 6:21

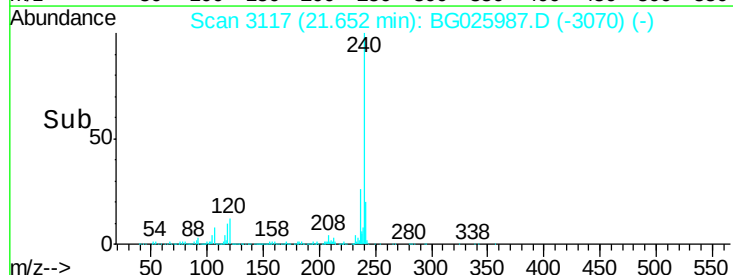
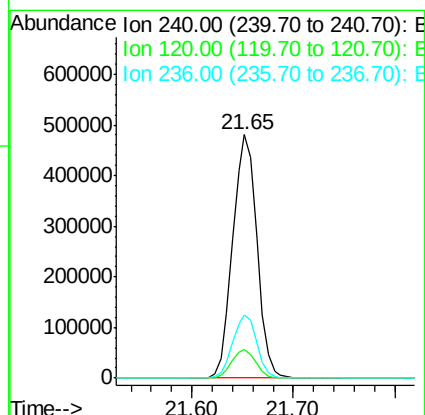
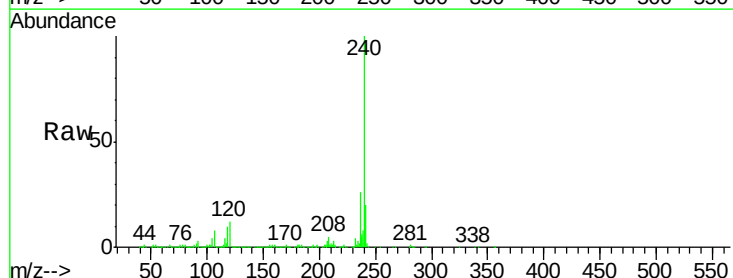
Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-CC9-CC10-CC11-CC12

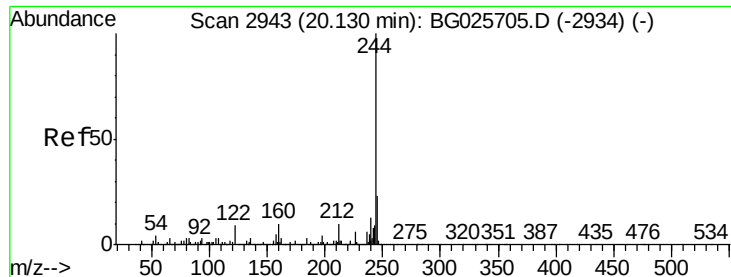
Tgt Ion:188 Resp: 761167
Ion Ratio Lower Upper
188 100
94 9.9 5.8 8.8#
80 10.5 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.65 min Scan# 3117
Delta R.T. -0.03 min
Lab File: BG025987.D
Acq: 28 Feb 2017 6:21

Tgt Ion:240 Resp: 796874
Ion Ratio Lower Upper
240 100
120 11.8 5.7 8.5#
236 25.7 22.2 33.4





#78

Terphenyl-d14

Concen: 61.80 ng

RT: 20.00 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BG025987.D

Acq: 28 Feb 2017 6:21

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-CC9-CC10-CC11-CC12

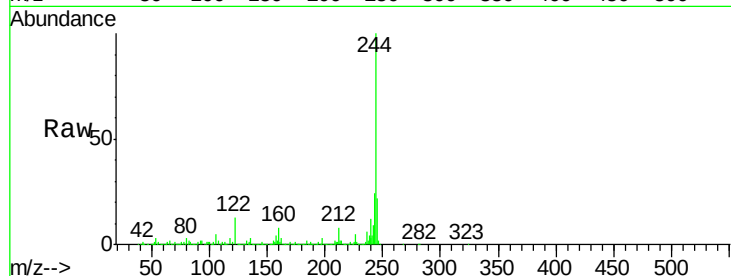
Tgt Ion:244 Resp: 2024848

Ion Ratio Lower Upper

244 100

212 8.3 10.0 15.0#

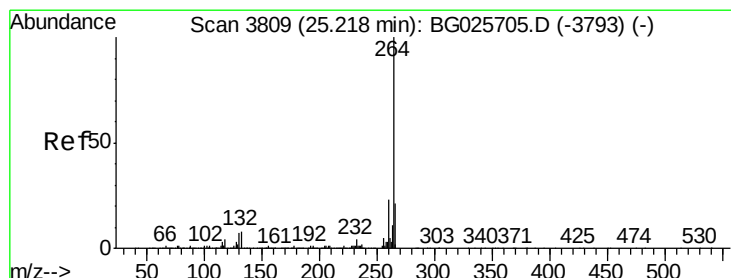
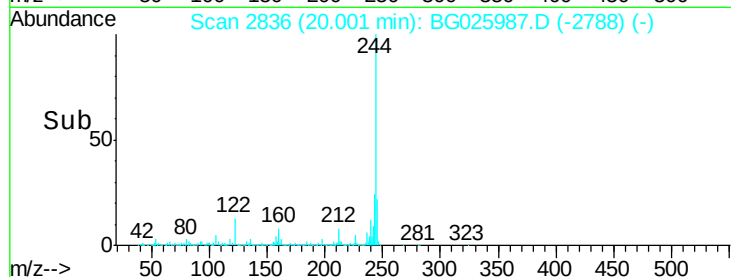
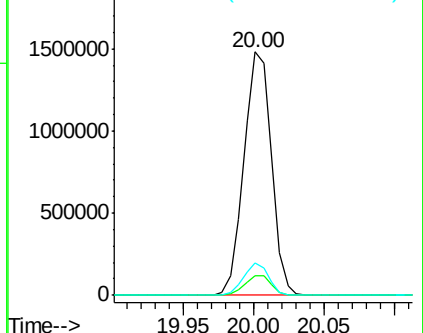
122 13.4 8.6 12.8#



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: BG025987.D

Acq: 28 Feb 2017 6:21

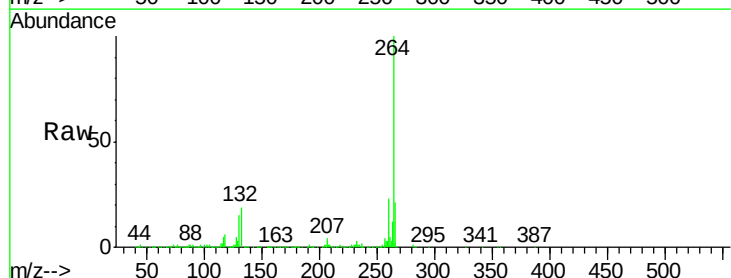
Tgt Ion:264 Resp: 765969

Ion Ratio Lower Upper

264 100

260 23.5 21.8 32.8

265 20.5 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

