

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022417\
 Data File : BG025956.D
 Acq On : 25 Feb 2017 6:59
 Operator : SJ/MA
 Sample : I1985-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 INF-170223-01A

Quant Time: Feb 26 23:34:24 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

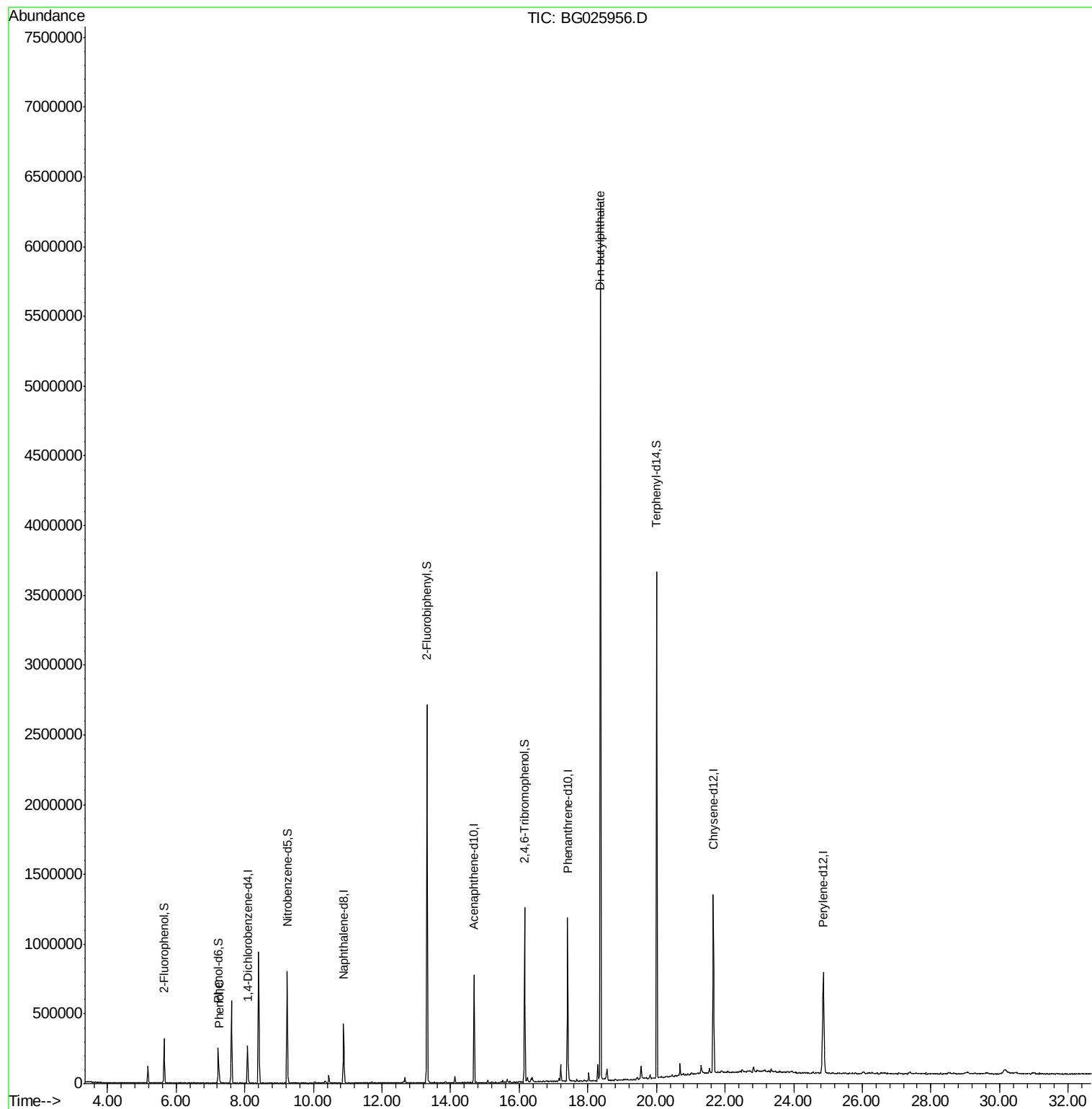
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	78434	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	384018	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	269844	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	733280	20.00	ng	0.00
75) Chrysene-d12	21.66	240	776242	20.00	ng	-0.02
86) Perylene-d12	24.86	264	753299	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	146850	32.60	ng	0.00
7) Phenol-d6	7.23	99	167180	25.08	ng	0.00
23) Nitrobenzene-d5	9.24	82	499714	82.12	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	231417	92.82	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1448588	93.80	ng	0.00
78) Terphenyl-d14	20.01	244	1568761	49.15	ng	-0.01
Target Compounds						
10) Phenol	7.26	94	24096	3.33	ng	# 68
73) Di-n-butylphthalate	18.37	149	4546519	113.61	ng	# 93

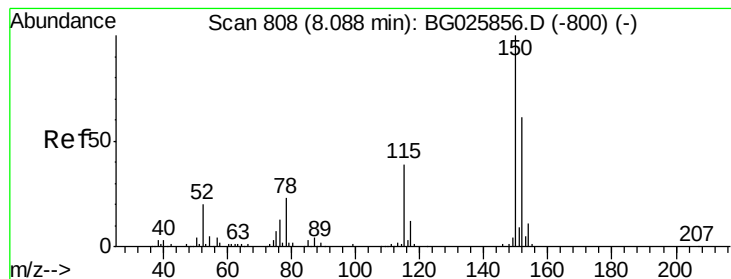
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.08 min Scan# 807

Delta R.T. -0.01 min

Lab File: BG025956.D

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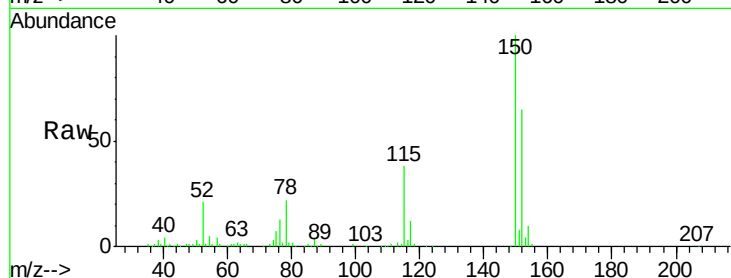
Tgt Ion:152 Resp: 78434

Ion Ratio Lower Upper

152 100

150 154.3 114.0 171.0

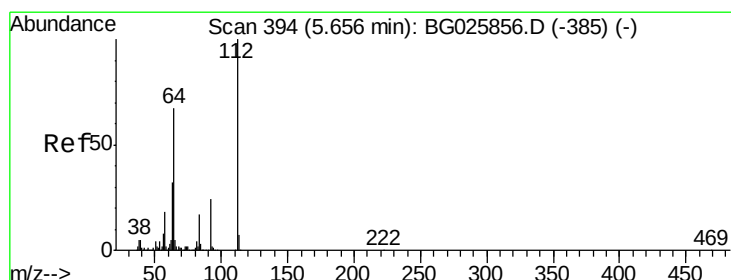
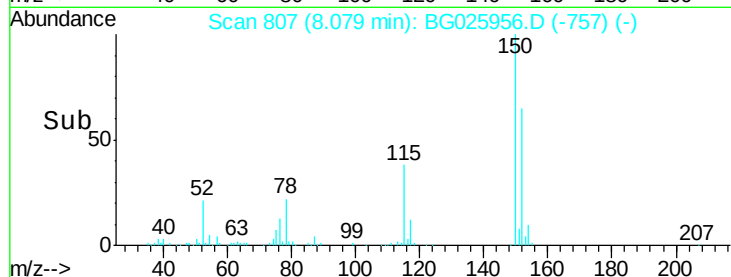
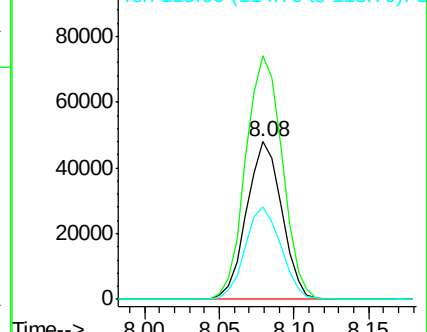
115 58.3 48.1 72.1



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: 32.60 ng

RT: 5.65 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG025956.D

Acq: 25 Feb 2017 6:59

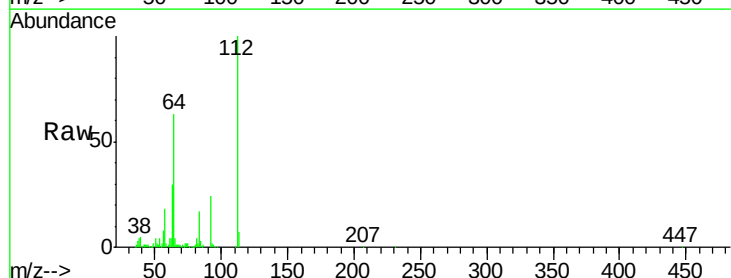
Tgt Ion:112 Resp: 146850

Ion Ratio Lower Upper

112 100

64 62.5 61.8 92.6

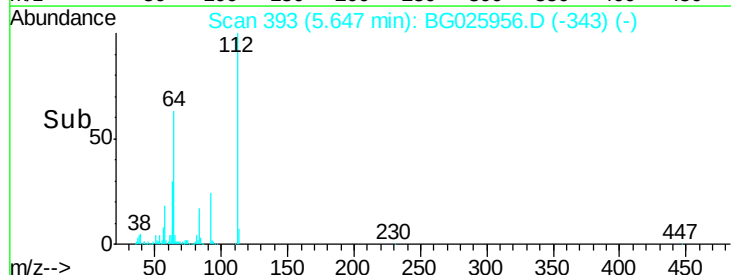
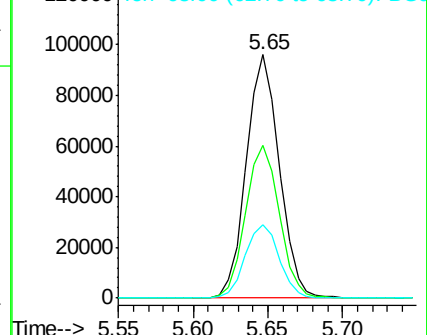
63 30.2 37.2 55.8#

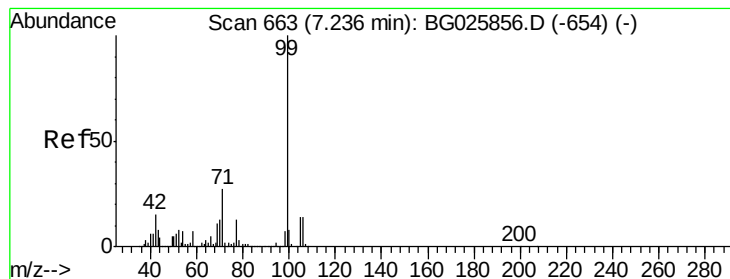


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 25.08 ng

RT: 7.23 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG025956.D

Acq: 25 Feb 2017 6:59

Instrument :

BNA_G

ClientSampleId :

INF-170223-01A

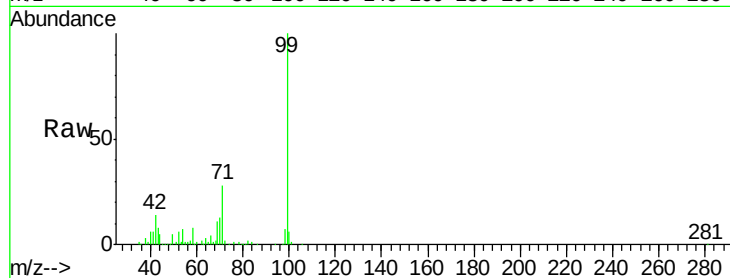
Tgt Ion: 99 Resp: 167180

Ion Ratio Lower Upper

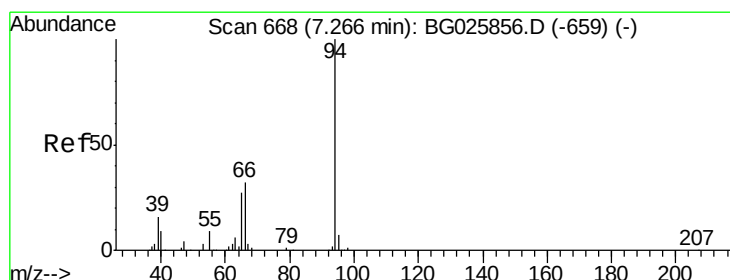
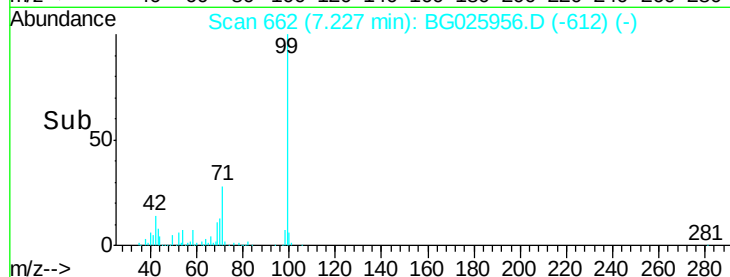
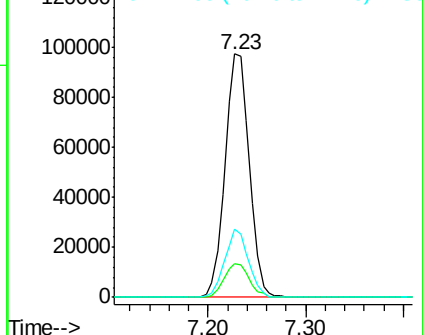
99 100

42 14.1 20.5 30.7#

71 28.1 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: 3.33 ng

RT: 7.26 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG025956.D

Acq: 25 Feb 2017 6:59

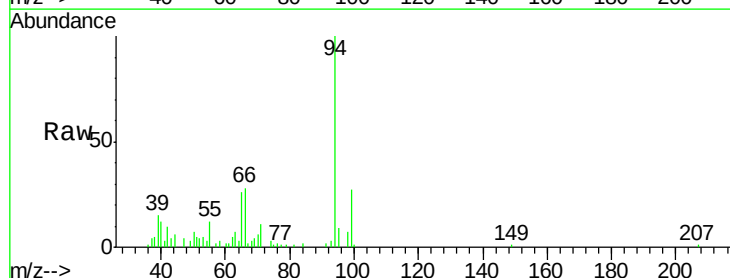
Tgt Ion: 94 Resp: 24096

Ion Ratio Lower Upper

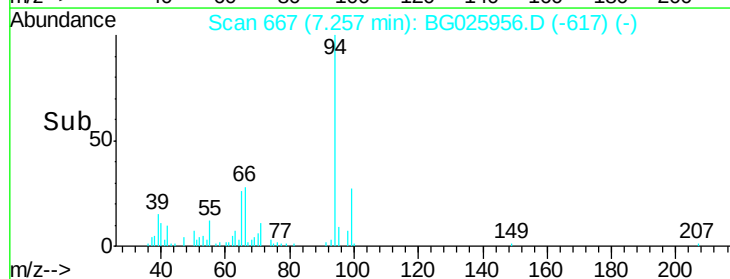
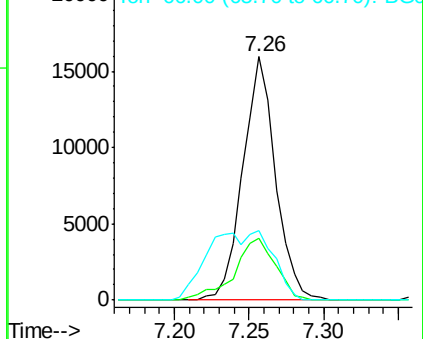
94 100

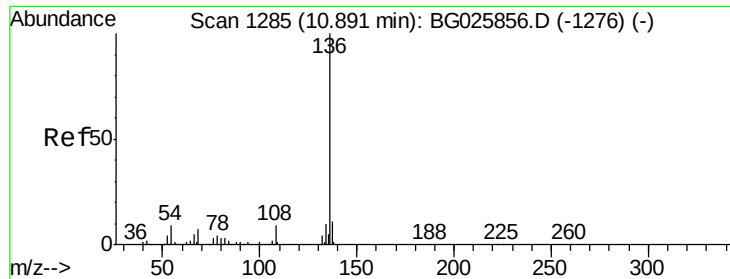
65 25.7 20.6 60.6

66 28.3 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

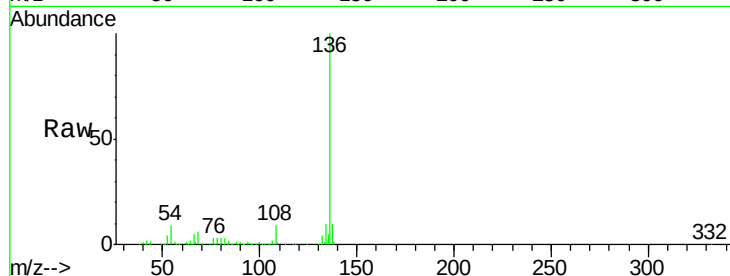




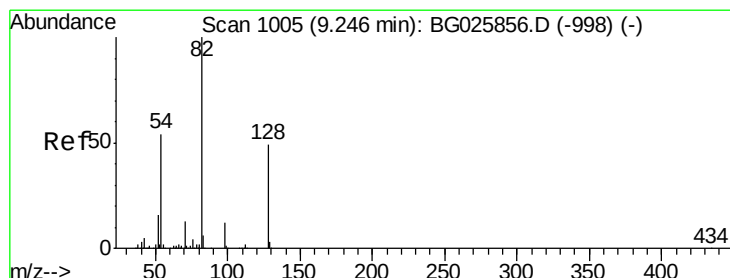
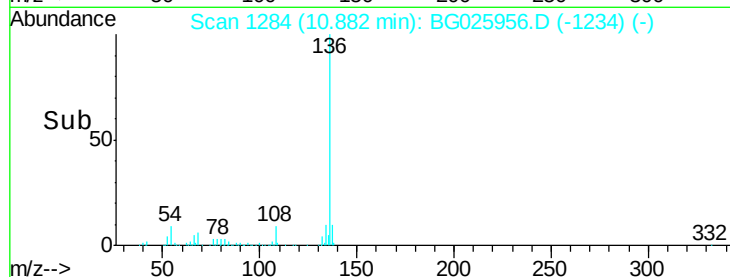
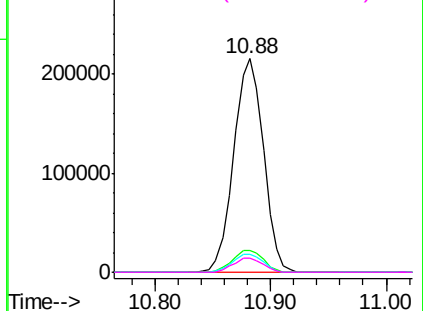
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG025956.D
Acq: 25 Feb 2017 6:59

Instrument :
BNA_G
ClientSampleId :
INF-170223-01A

Tgt Ion:	136	Resp:	384018
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	8.6	9.3	13.9#
68	6.4	5.1	7.7

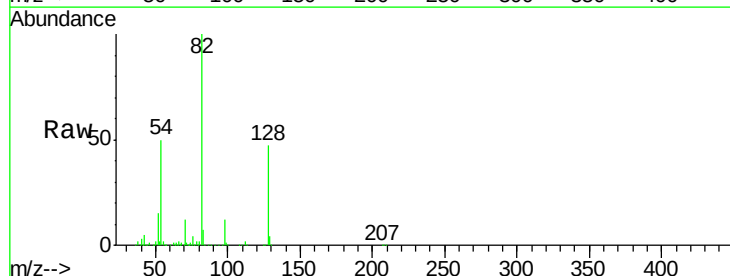


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

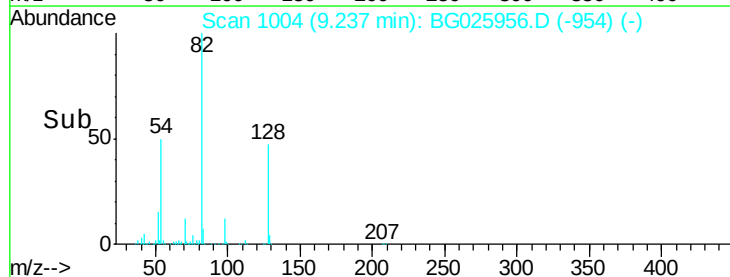
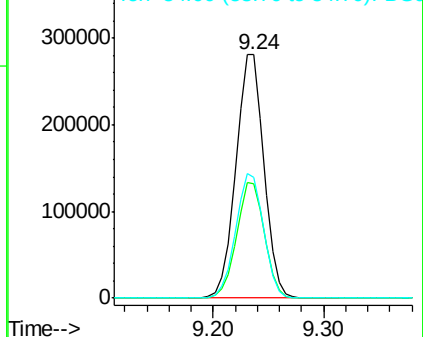


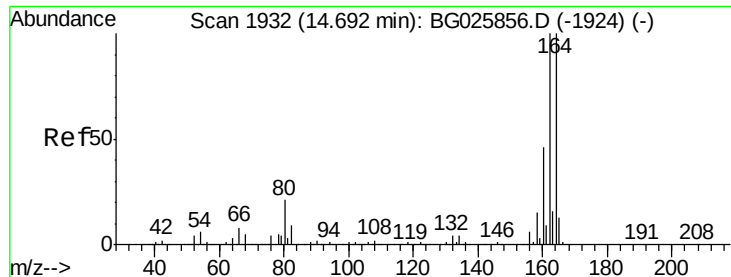
#23
Nitrobenzene-d5
Concen: 82.12 ng
RT: 9.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG025956.D
Acq: 25 Feb 2017 6:59

Tgt Ion:	82	Resp:	499714
Ion	Ratio	Lower	Upper
82	100		
128	46.8	26.4	39.6#
54	49.6	49.4	74.2



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.68 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BG025956.D

Acq: 25 Feb 2017 6:59

Instrument :

BNA_G

ClientSampleId :

INF-170223-01A

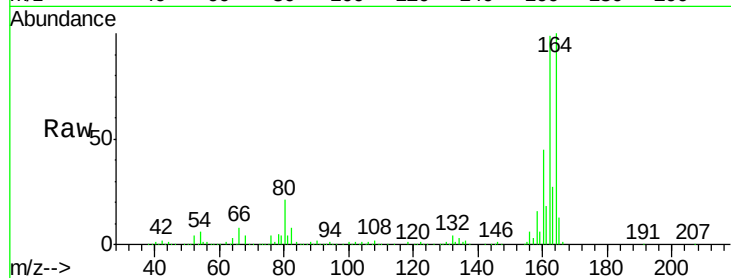
Tgt Ion:164 Resp: 269844

Ion Ratio Lower Upper

164 100

162 99.2 85.1 127.7

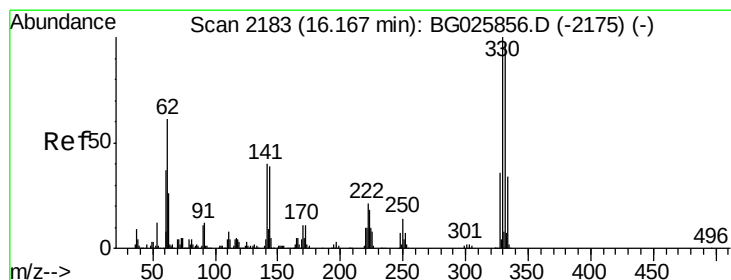
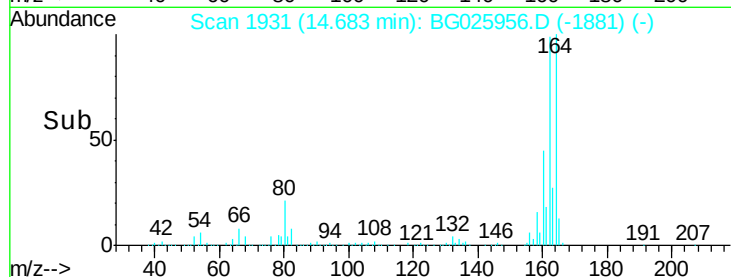
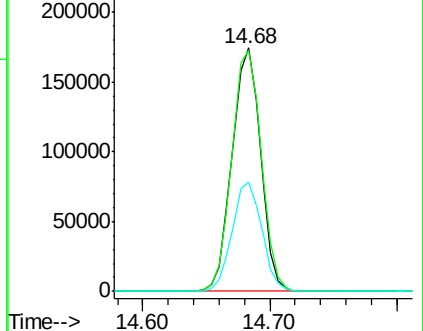
160 45.0 34.7 52.1



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: 92.82 ng

RT: 16.16 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG025956.D

Acq: 25 Feb 2017 6:59

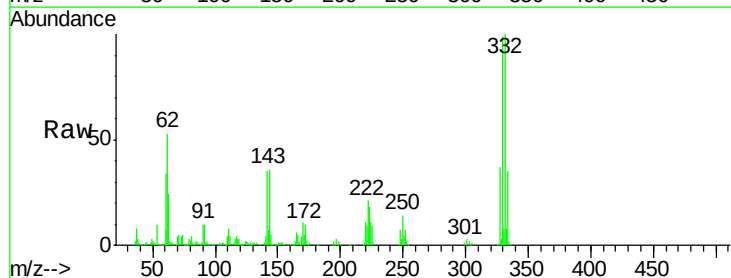
Tgt Ion:330 Resp: 231417

Ion Ratio Lower Upper

330 100

332 98.2 77.3 115.9

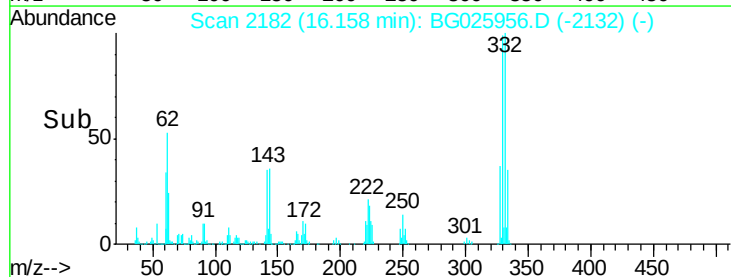
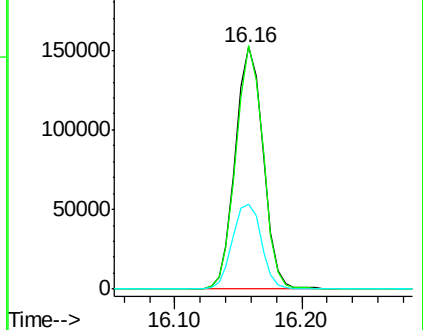
141 36.6 32.1 48.1

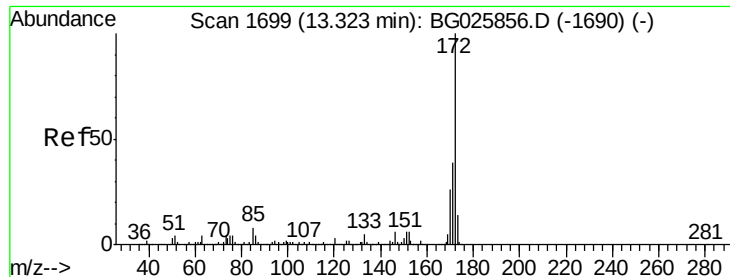


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 93.80 ng

RT: 13.31 min Scan# 1698

Delta R.T. -0.01 min

Lab File: BG025956.D

Acq: 25 Feb 2017 6:59

Instrument :

BNA_G

ClientSampleId :

INF-170223-01A

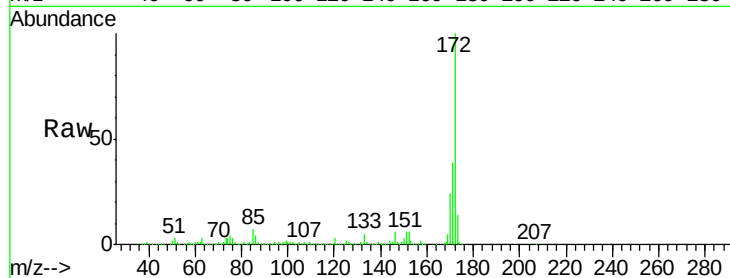
Tgt Ion:172 Resp: 1448588

Ion Ratio Lower Upper

172 100

171 38.7 32.2 48.2

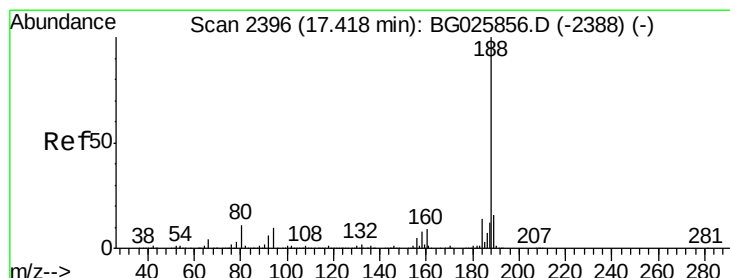
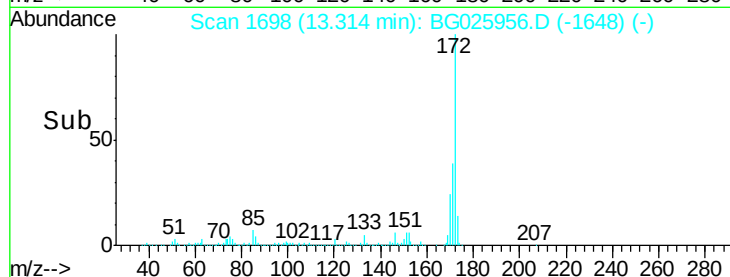
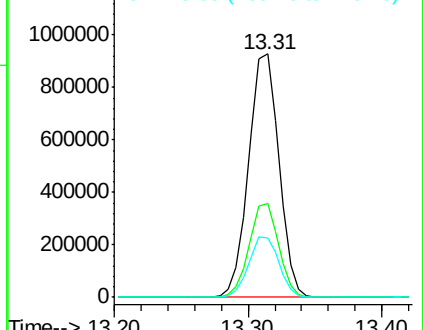
170 24.4 21.8 32.6



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.41 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BG025956.D

Acq: 25 Feb 2017 6:59

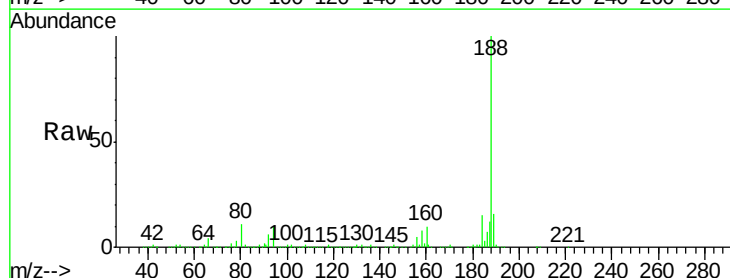
Tgt Ion:188 Resp: 733280

Ion Ratio Lower Upper

188 100

94 10.2 5.8 8.8#

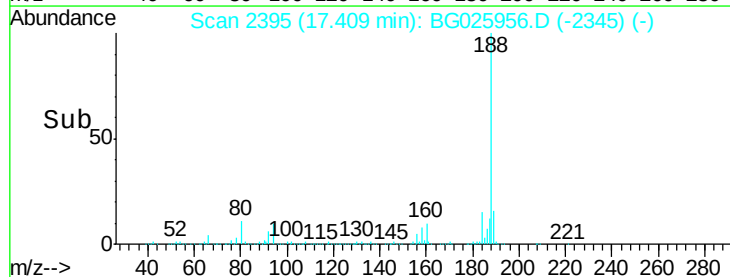
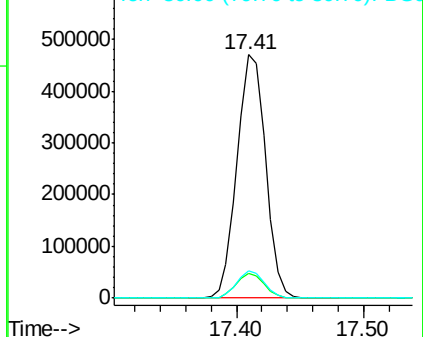
80 11.4 7.5 11.3#

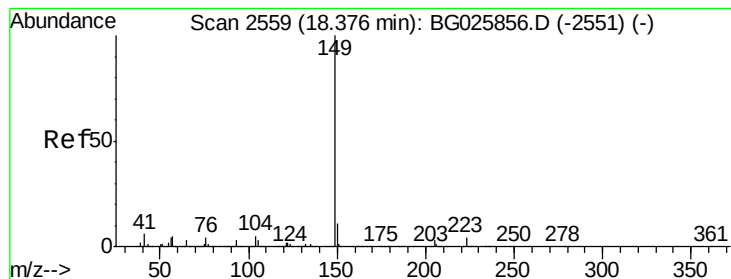


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#73

Di-n-butylphthalate

Concen: 113.61 ng

RT: 18.37 min Scan# 2558

Delta R.T. -0.01 min

Lab File: BG025956.D

Acq: 25 Feb 2017 6:59

Instrument :

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ClientSampleId :

INF-170223-01A

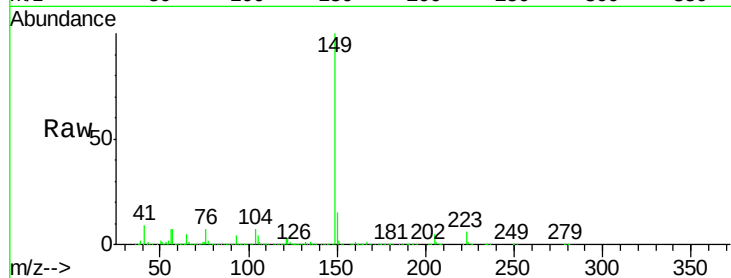
Tgt Ion:149 Resp: 4546519

Ion Ratio Lower Upper

149 100

150 15.4 9.1 13.7#

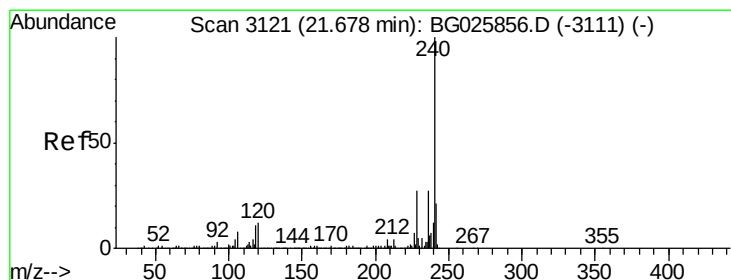
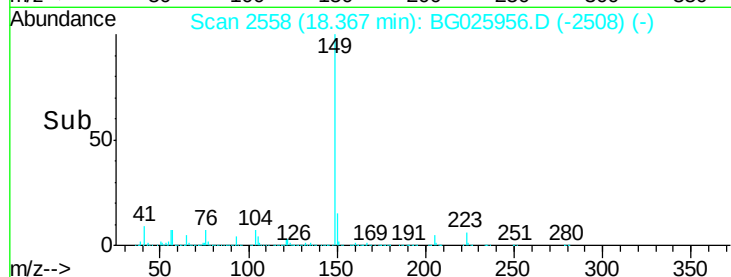
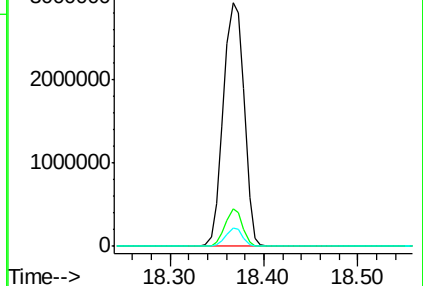
104 7.4 6.7 10.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.66 min Scan# 3118

Delta R.T. -0.02 min

Lab File: BG025956.D

Acq: 25 Feb 2017 6:59

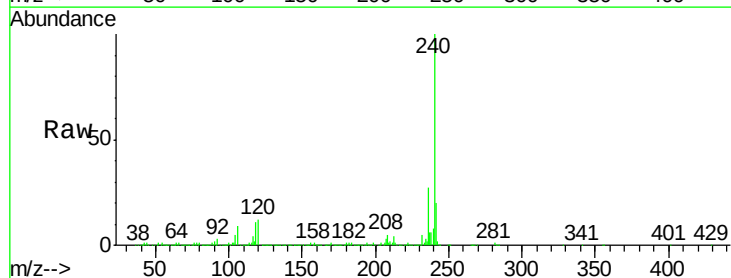
Tgt Ion:240 Resp: 776242

Ion Ratio Lower Upper

240 100

120 12.0 5.7 8.5#

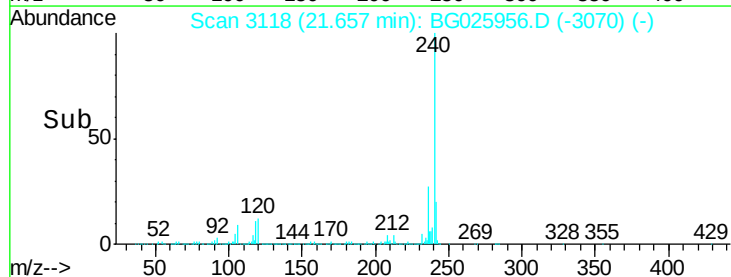
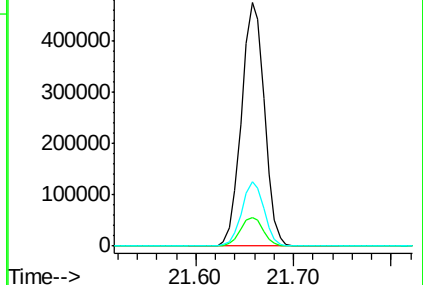
236 26.5 22.2 33.4

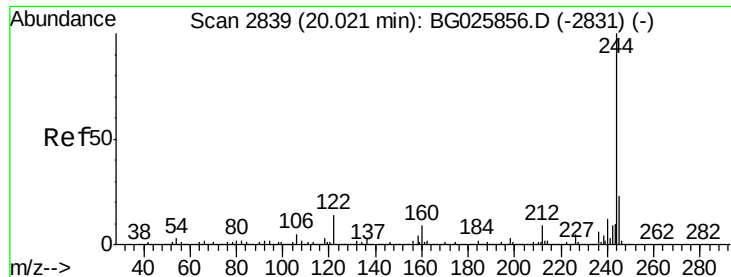


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 49.15 ng

RT: 20.01 min Scan# 2837

Delta R.T. -0.01 min

Lab File: BG025956.D

Acq: 25 Feb 2017 6:59

Instrument :

BNA_G

ClientSampleId :

INF-170223-01A

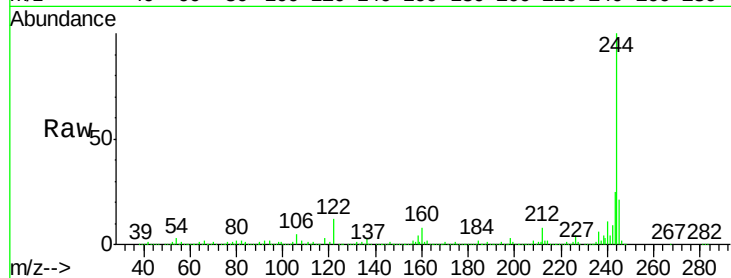
Tgt Ion:244 Resp: 1568761

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

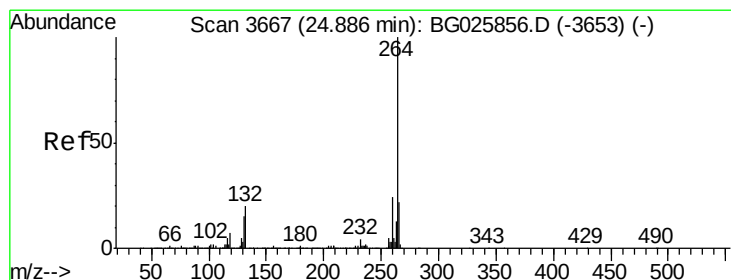
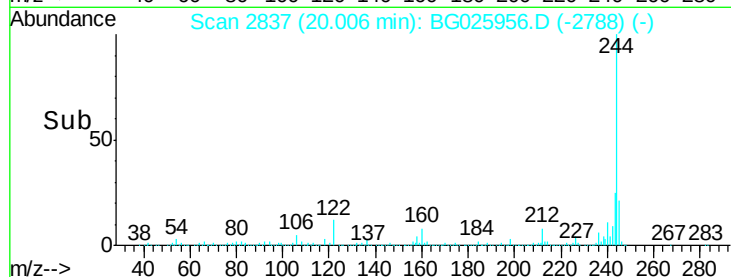
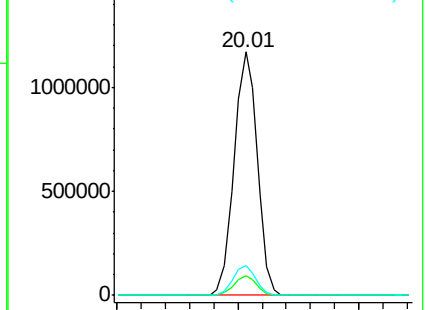
122 12.2 8.6 12.8



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: 24.86 min Scan# 3663

Delta R.T. -0.03 min

Lab File: BG025956.D

Acq: 25 Feb 2017 6:59

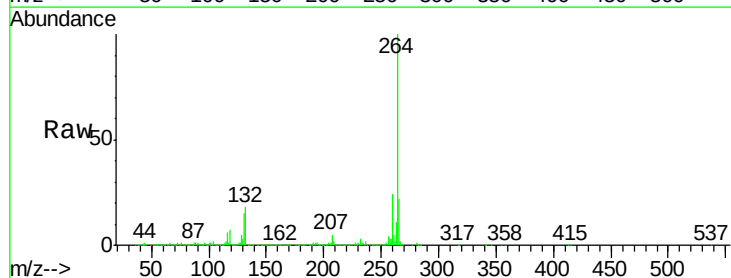
Tgt Ion:264 Resp: 753299

Ion Ratio Lower Upper

264 100

260 23.9 21.8 32.8

265 21.9 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

