

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012318\
 Data File : BG032251.D
 Acq On : 24 Jan 2018 8:04
 Operator : SJ/JU
 Sample : J1249-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AB-2(0-2)

Quant Time: Jan 24 10:08:30 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 10:00:32 2018
 Response via : Initial Calibration

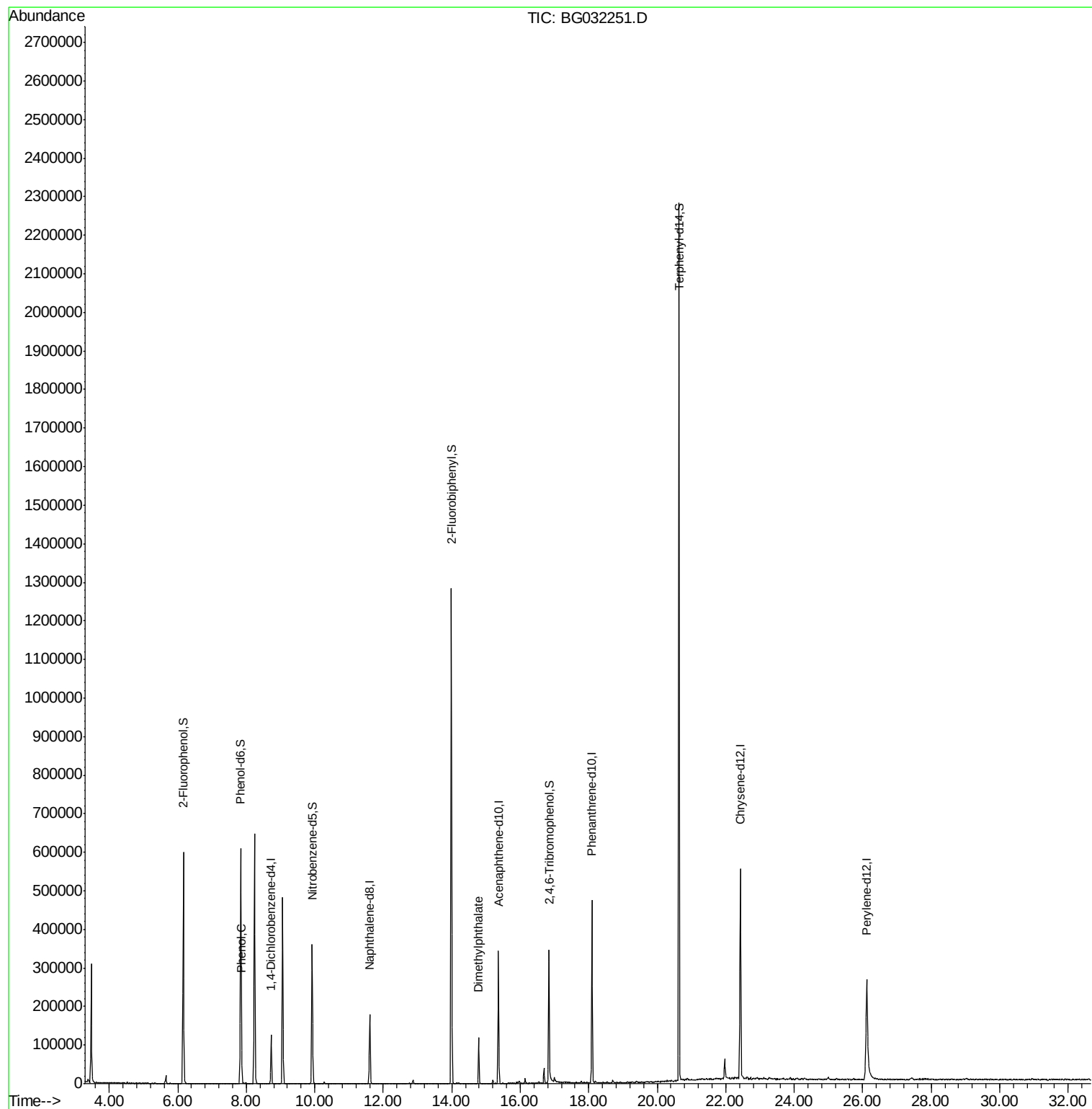
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	41306	20.00	ng	0.00
21) Naphthalene-d8	11.61	136	178348	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	127304	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	314281	20.00	ng	0.00
75) Chrysene-d12	22.42	240	406010	20.00	ng	0.00
86) Perylene-d12	26.11	264	433087	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	300283	132.96	ng	0.00
7) Phenol-d6	7.84	99	383180	134.71	ng	0.00
23) Nitrobenzene-d5	9.92	82	226990	86.11	ng	0.00
41) 2,4,6-Tribromophenol	16.84	330	88979	42.24	ng	0.00
44) 2-Fluorobiphenyl	13.99	172	752358	73.28	ng	0.00
78) Terphenyl-d14	20.63	244	1197169	65.11	ng	0.00
Target Compounds						
10) Phenol	7.86	94	17474	6.236	ng	84
49) Dimethylphthalate	14.79	163	89058	7.994	ng	96

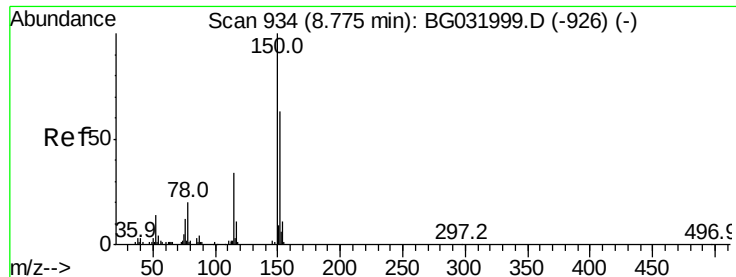
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.73 min Scan# 926

Delta R.T. -0.00 min

Lab File: BG032251.D

Acq: 24 Jan 2018 8:04

Instrument :

BNA_G

ClientSampleId :

AB-2(0-2)

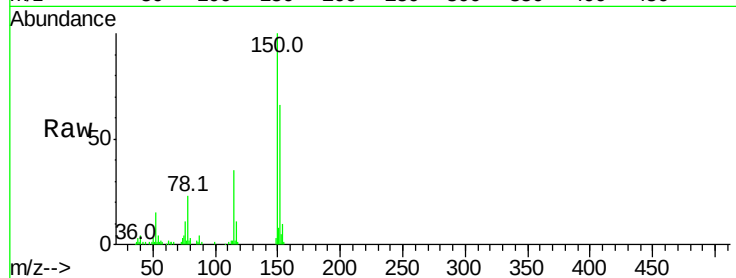
Tot Ion:152 Resp: 41306

Ion Ratio Lower Upper

152 100

150 150.6 126.6 189.8

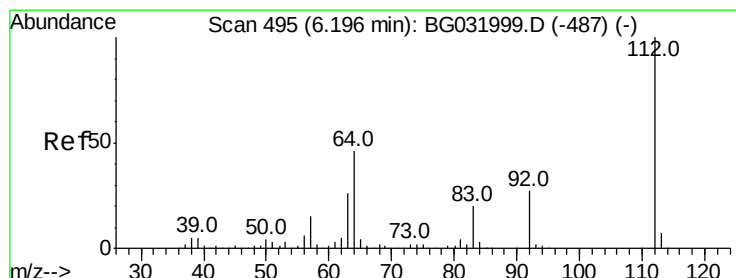
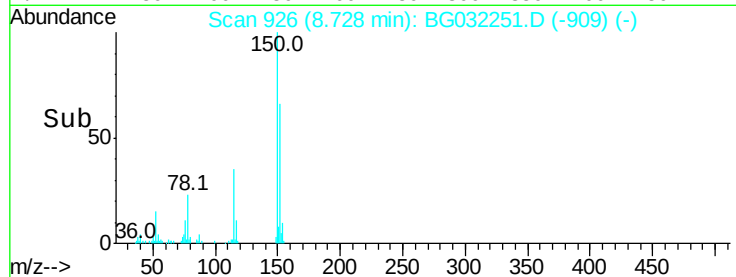
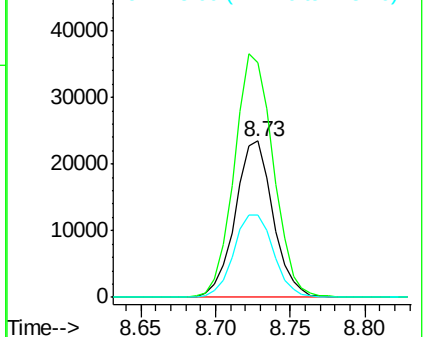
115 53.1 53.0 79.4



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: 132.958 ng

RT: 6.16 min Scan# 489

Delta R.T. 0.01 min

Lab File: BG032251.D

Acq: 24 Jan 2018 8:04

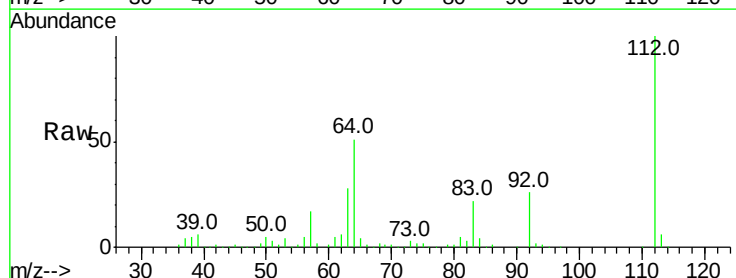
Tgt Ion:112 Resp: 300283

Ion Ratio Lower Upper

112 100

64 51.0 56.3 84.5#

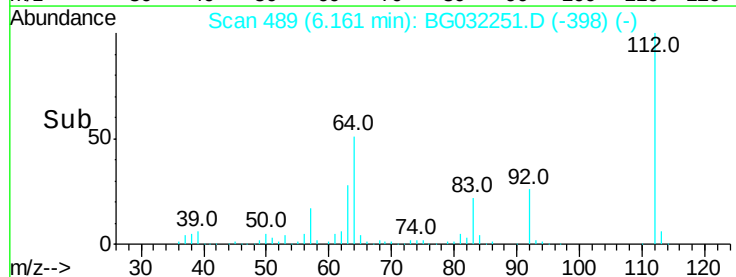
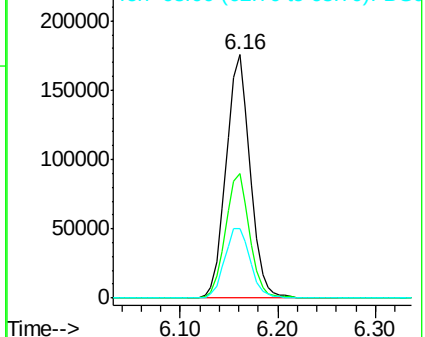
63 28.4 30.1 45.1#

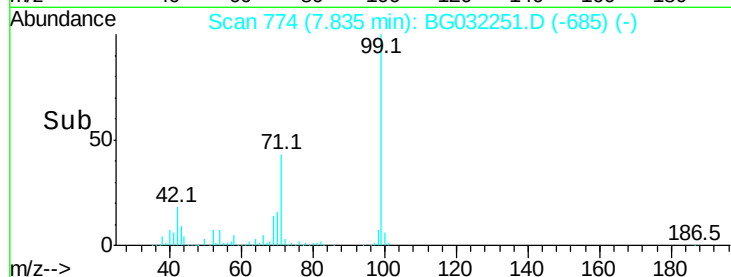
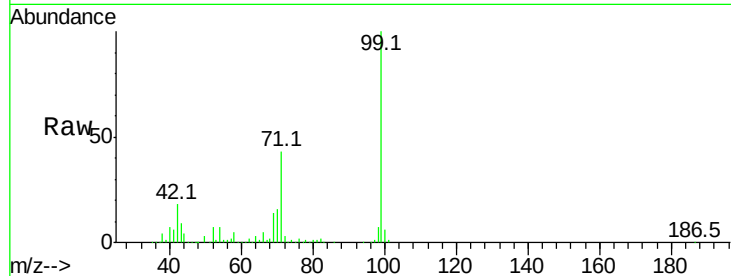
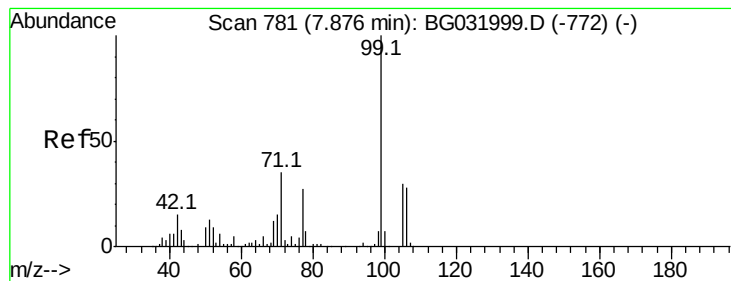


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 134.713 ng

RT: 7.84 min Scan# 774

Delta R.T. -0.01 min

Lab File: BG032251.D

Acq: 24 Jan 2018 8:04

Instrument :

BNA_G

ClientSampleId :

AB-2(0-2)

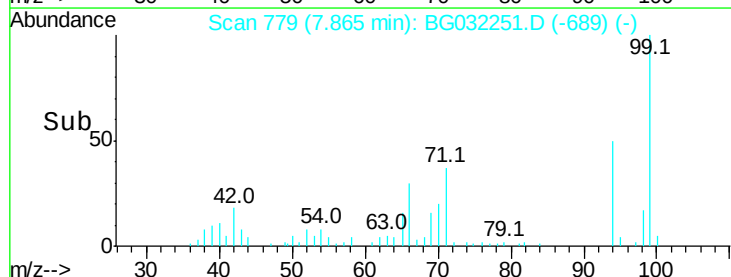
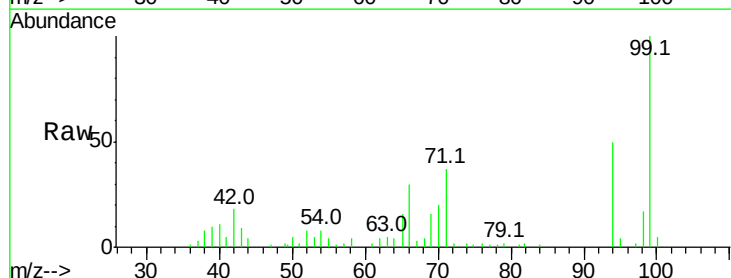
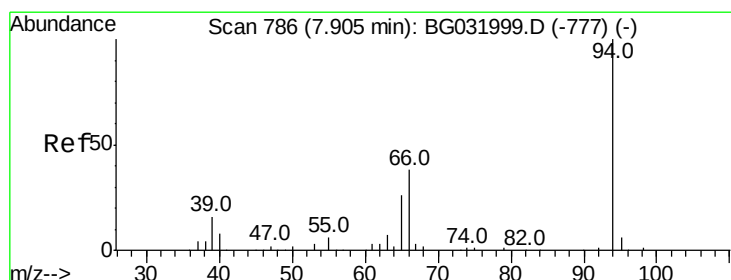
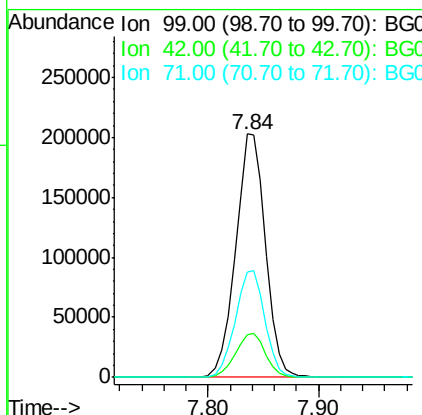
Tot Ion: 99 Resp: 383180

Ion Ratio Lower Upper

99 100

42 17.6 14.1 21.1

71 43.3 26.1 39.1#



#10

Phenol

Concen: 6.236 ng

RT: 7.86 min Scan# 779

Delta R.T. -0.00 min

Lab File: BG032251.D

Acq: 24 Jan 2018 8:04

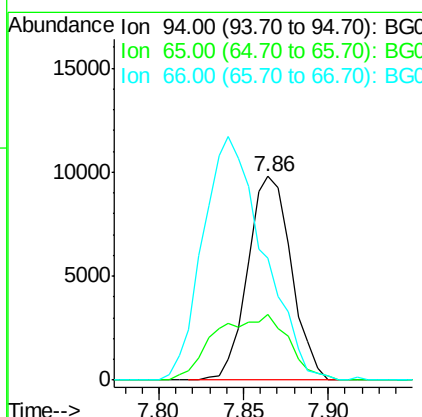
Tgt Ion: 94 Resp: 17474

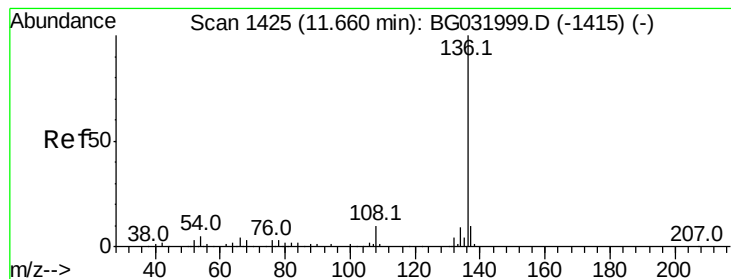
Ion Ratio Lower Upper

94 100

65 32.2 11.9 51.9

66 60.1 22.2 62.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.61 min Scan# 1416

Delta R.T. -0.00 min

Lab File: BG032251.D

Acq: 24 Jan 2018 8:04

Instrument :

BNA_G

ClientSampleId :

AB-2(0-2)

Tot Ion:136 Resp: 178348

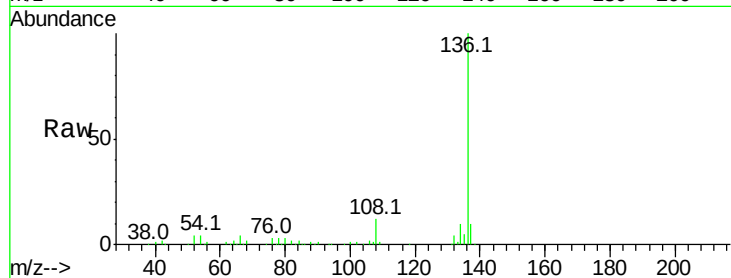
Ion Ratio Lower Upper

136 100

137 9.9 9.2 13.8

54 4.3 10.3 15.5#

68 2.3 4.5 6.7#

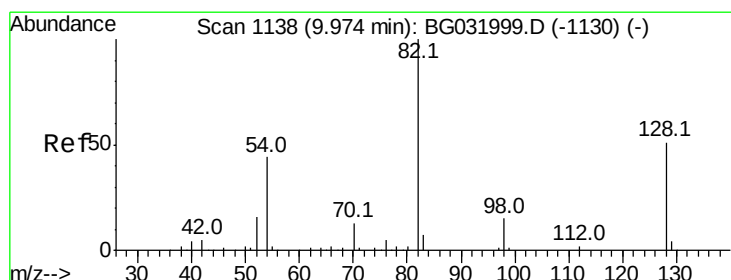
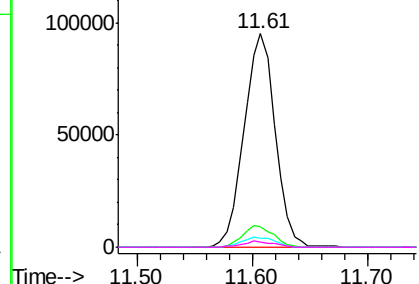
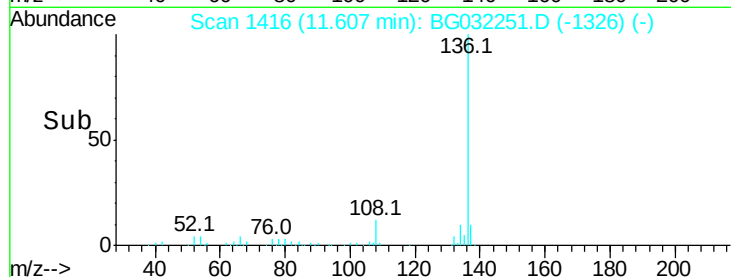


Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 86.106 ng

RT: 9.92 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BG032251.D

Acq: 24 Jan 2018 8:04

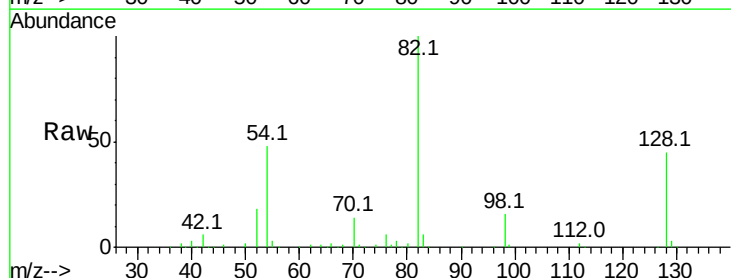
Tgt Ion: 82 Resp: 226990

Ion Ratio Lower Upper

82 100

128 45.1 29.7 44.5#

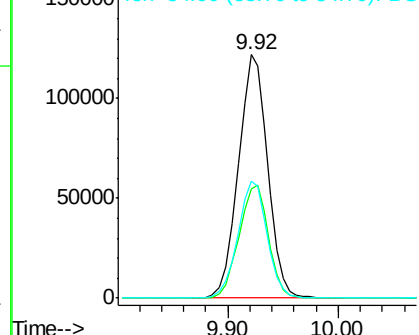
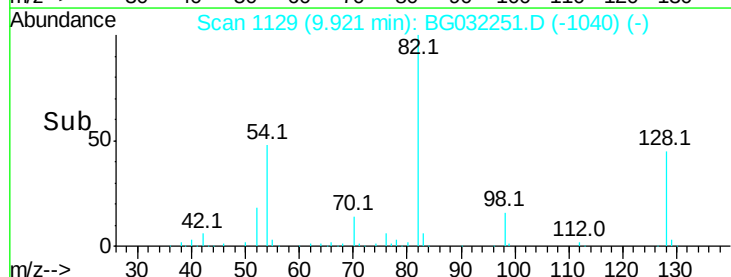
54 47.9 43.1 64.7

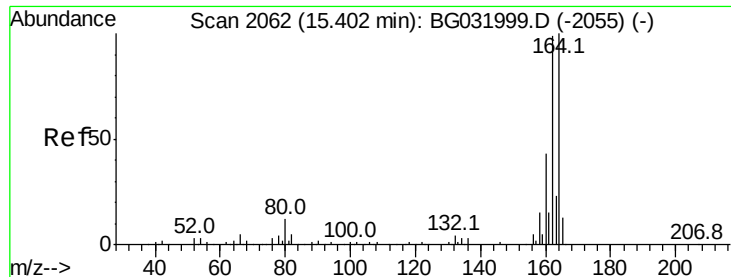


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.36 min Scan# 2055

Delta R.T. -0.00 min

Lab File: BG032251.D

Acq: 24 Jan 2018 8:04

Instrument :

BNA_G

ClientSampleId :

AB-2(0-2)

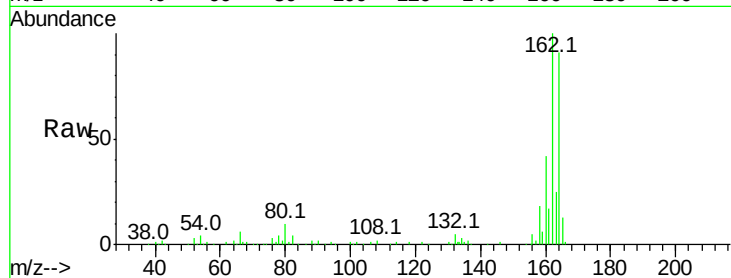
Tot Ion:164 Resp: 127304

Ion Ratio Lower Upper

164 100

162 109.6 78.8 118.2

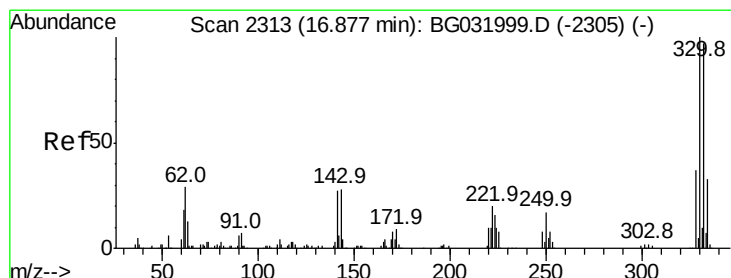
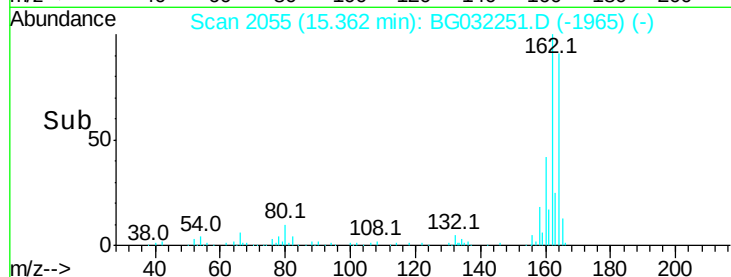
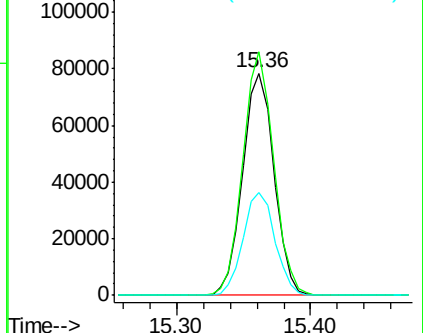
160 46.3 35.4 53.0



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: 42.239 ng

RT: 16.84 min Scan# 2306

Delta R.T. -0.00 min

Lab File: BG032251.D

Acq: 24 Jan 2018 8:04

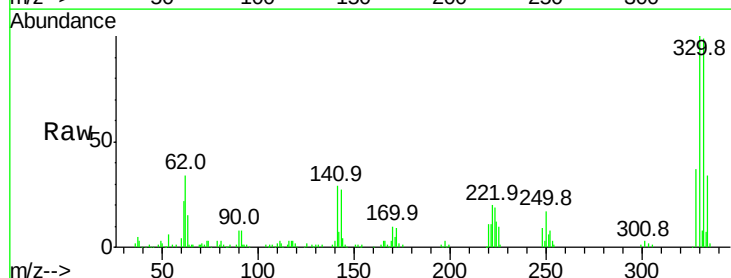
Tgt Ion:330 Resp: 88979

Ion Ratio Lower Upper

330 100

332 97.4 77.0 115.6

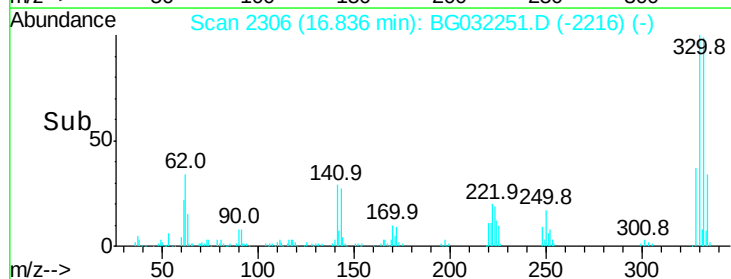
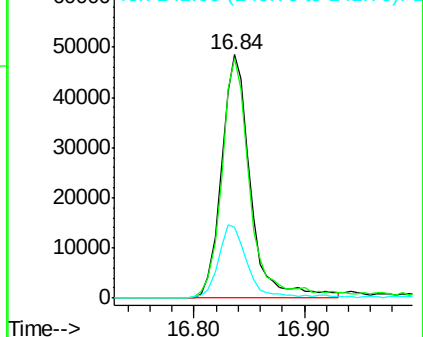
141 29.9 25.2 37.8

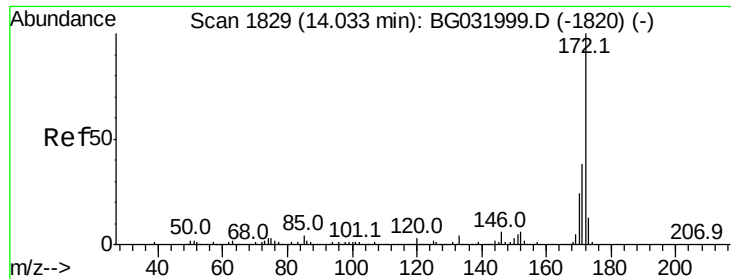


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

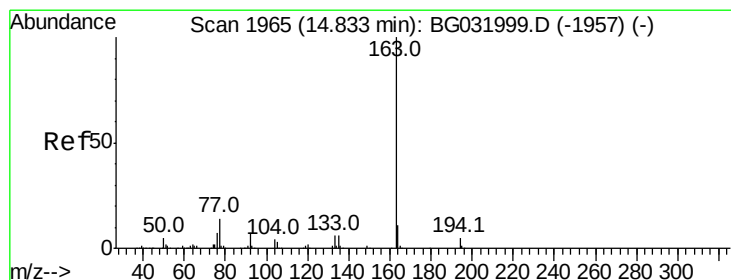
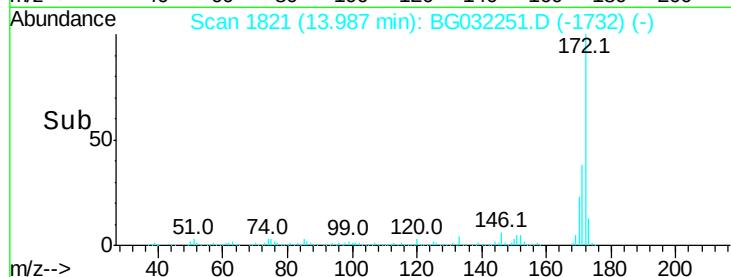
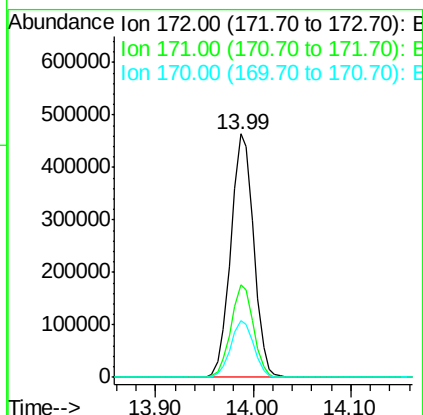
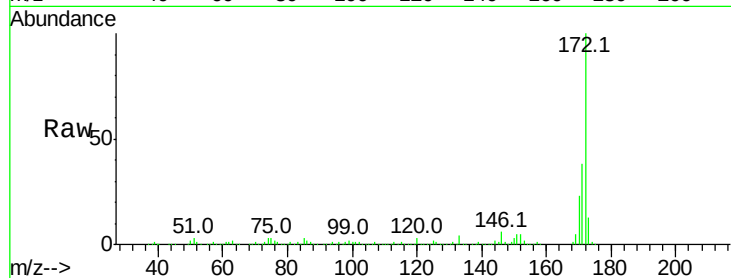




#44
2-Fluorobiphenyl
Concen: 73.280 ng
RT: 13.99 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BG032251.D
Acq: 24 Jan 2018 8:04

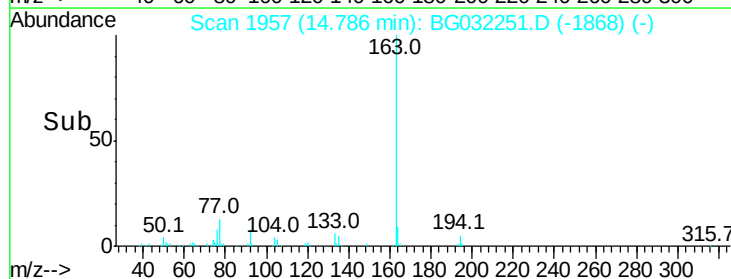
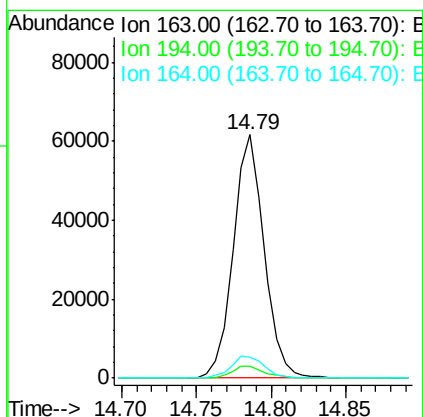
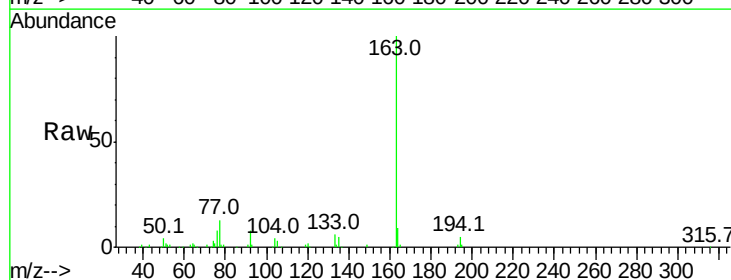
Instrument :
BNA_G
ClientSampleId :
AB-2(0-2)

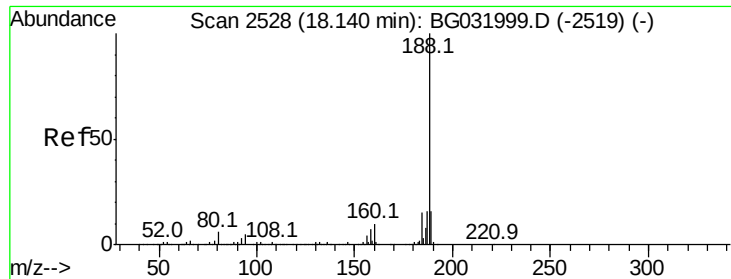
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	23.2	19.5	29.3



#49
Dimethylphthalate
Concen: 7.994 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG032251.D
Acq: 24 Jan 2018 8:04

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.4	5.2
164	8.6	8.2	12.4

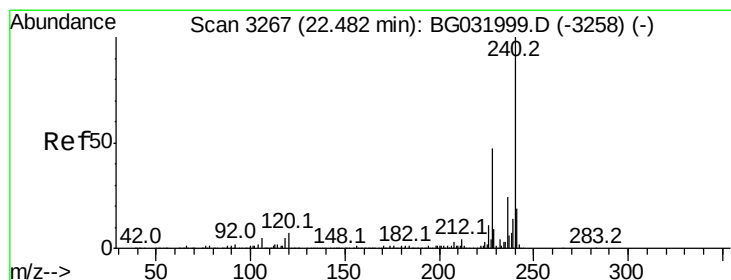
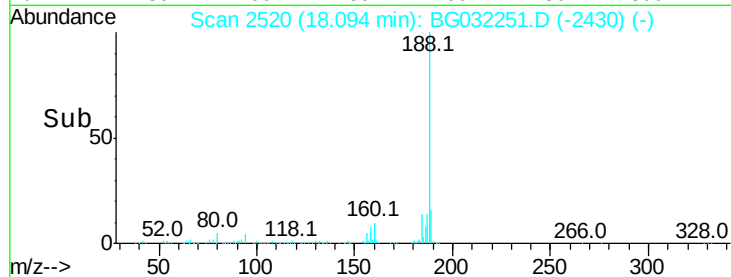
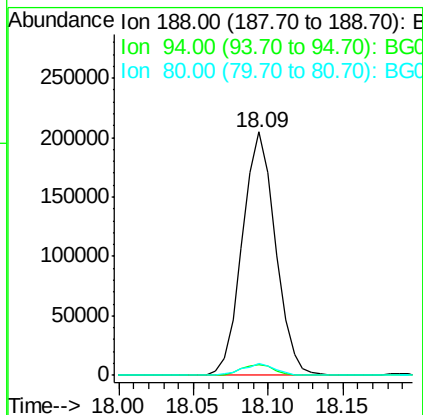
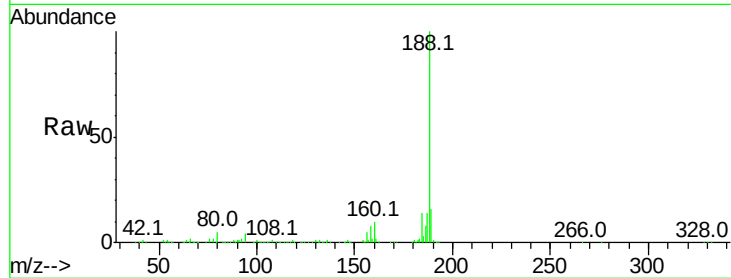




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2520
Delta R.T. -0.00 min
Lab File: BG032251.D
Acq: 24 Jan 2018 8:04

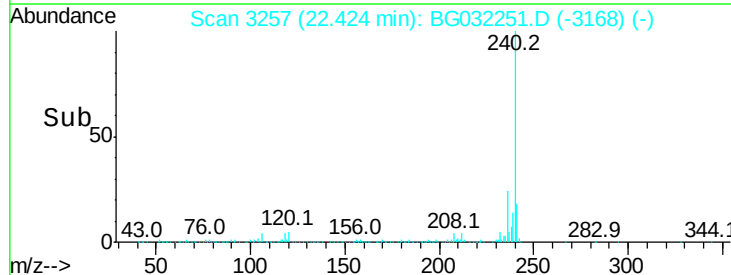
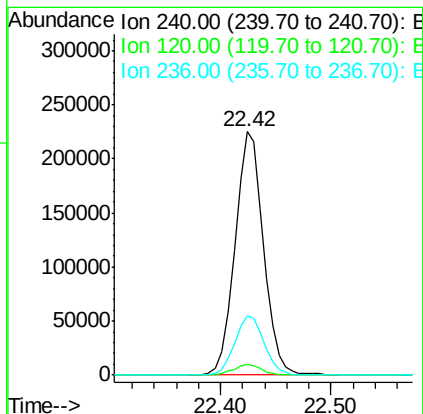
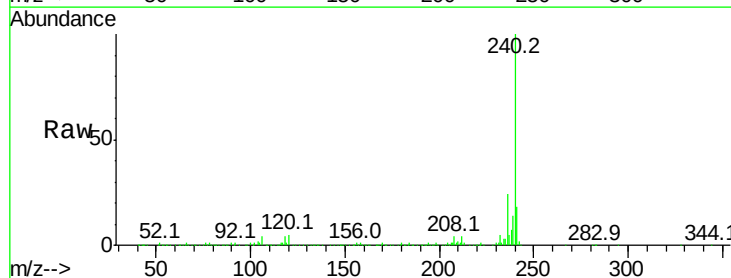
Instrument :
BNA_G
ClientSampleId :
AB-2(0-2)

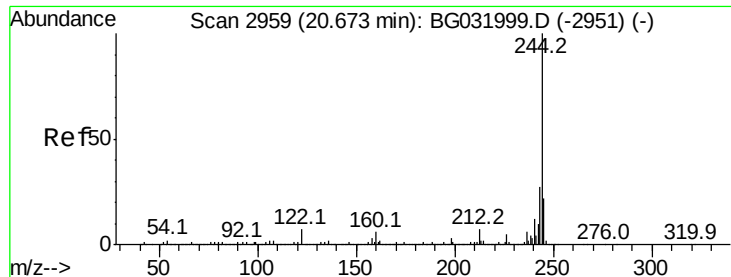
Tot Ion:188 Resp: 314281
Ion Ratio Lower Upper
188 100
94 4.3 6.9 10.3#
80 4.8 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.42 min Scan# 3257
Delta R.T. -0.01 min
Lab File: BG032251.D
Acq: 24 Jan 2018 8:04

Tgt Ion:240 Resp: 406010
Ion Ratio Lower Upper
240 100
120 4.6 6.8 10.2#
236 24.5 20.9 31.3





#78

Terphenyl-d14

Concen: 65.107 ng

RT: 20.63 min Scan# 2952

Delta R.T. -0.00 min

Lab File: BG032251.D

Acq: 24 Jan 2018 8:04

Instrument :

BNA_G

ClientSampleId :

AB-2(0-2)

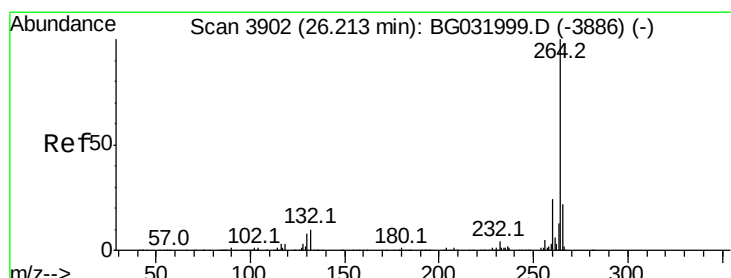
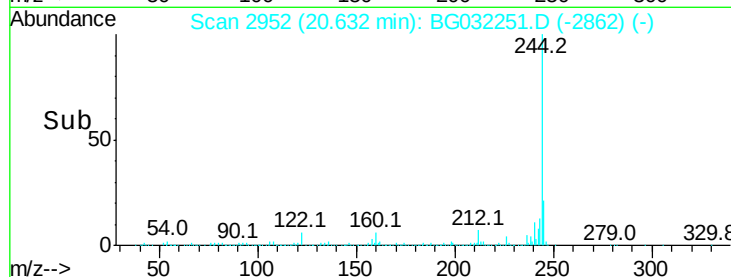
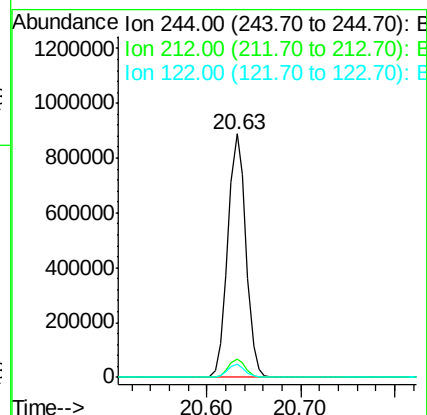
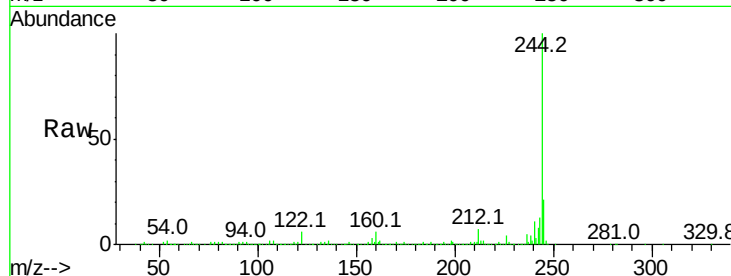
Tot Ion:244 Resp: 1197169

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 5.7 7.0 10.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.11 min Scan# 3885

Delta R.T. -0.01 min

Lab File: BG032251.D

Acq: 24 Jan 2018 8:04

Tgt Ion:264 Resp: 433087

Ion Ratio Lower Upper

264 100

260 24.8 17.4 26.0

265 21.5 17.7 26.5

