

Data File : BG030980.D
Acq On : 13 Nov 2017 19:32
Operator : SJ/JU
Sample : I6301-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JC-02-110917-D

Quant Time: Nov 14 04:55:39 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	29920	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	125356	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	80922	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	250182	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	410835	20.00	ng	-0.02
86) Perylene-d12	25.07	264	405696	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	256141	146.80	ng	0.00
7) Phenol-d6	7.31	99	292312	124.35	ng	0.00
23) Nitrobenzene-d5	9.31	82	216838	102.50	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	257862	196.98	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	632778	112.36	ng	-0.02
78) Terphenyl-d14	20.09	244	1668245	89.66	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	8.46	79	3836	2.03	ng	# 58
32) Benzoic acid	10.40	122	126	5.74	ng	# 1

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

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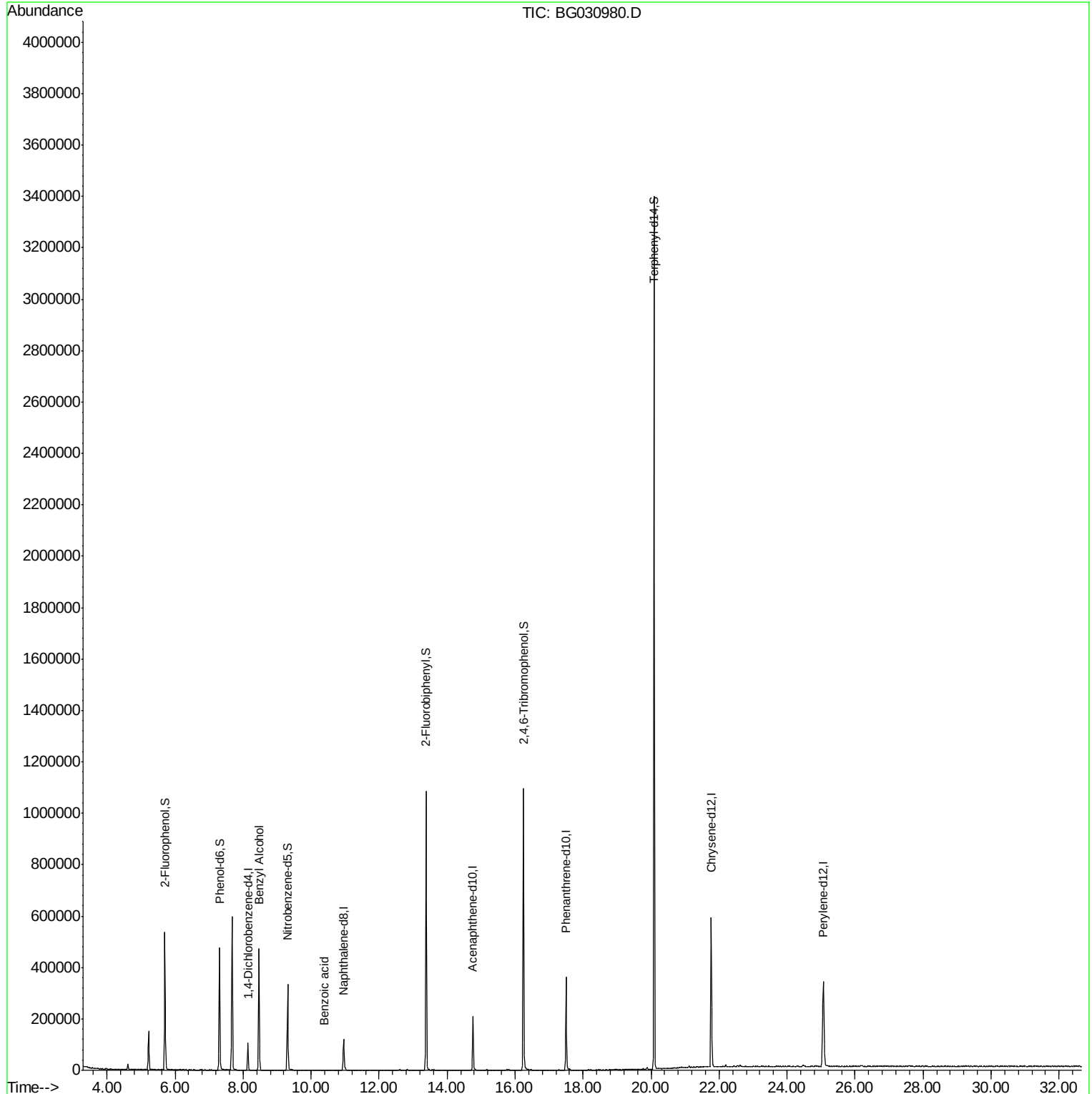
Quant Time: Nov 14 04:55:39 2017

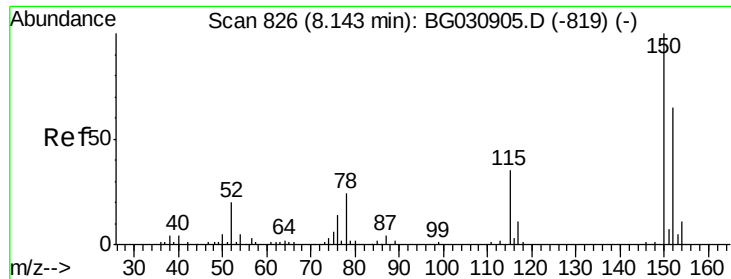
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Nov 10 15:38:25 2017

Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 826

Delta R.T. -0.01 min

Lab File: BG030980.D

Acq: 13 Nov 2017 19:32

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-D

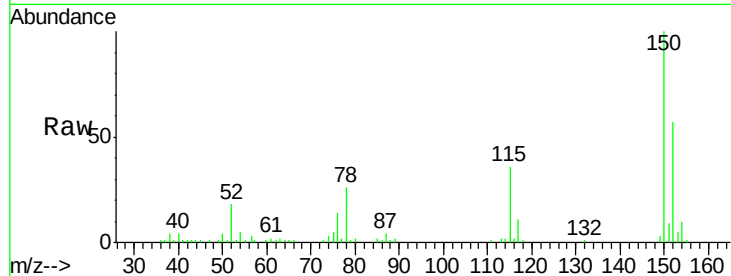
Tgt Ion:152 Resp: 29920

Ion Ratio Lower Upper

152 100

150 173.9 126.6 189.8

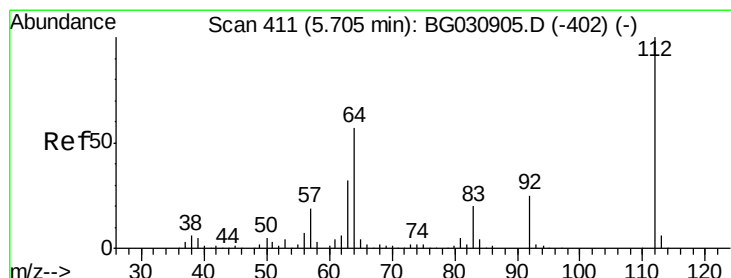
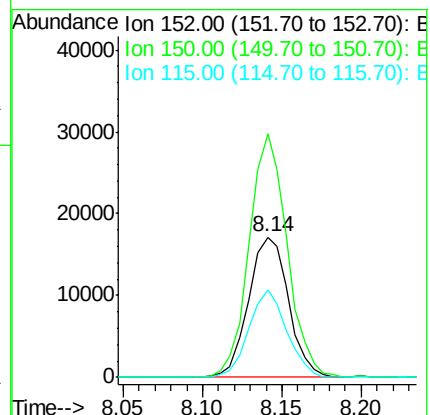
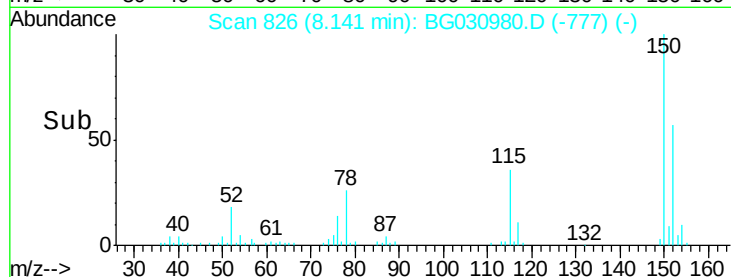
115 62.2 53.0 79.4



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: 146.80 ng

RT: 5.70 min Scan# 411

Delta R.T. -0.01 min

Lab File: BG030980.D

Acq: 13 Nov 2017 19:32

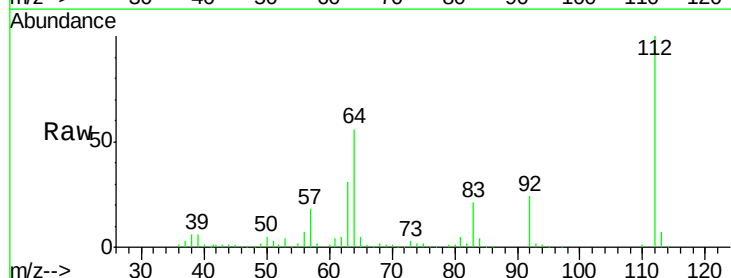
Tgt Ion:112 Resp: 256141

Ion Ratio Lower Upper

112 100

64 56.4 56.3 84.5

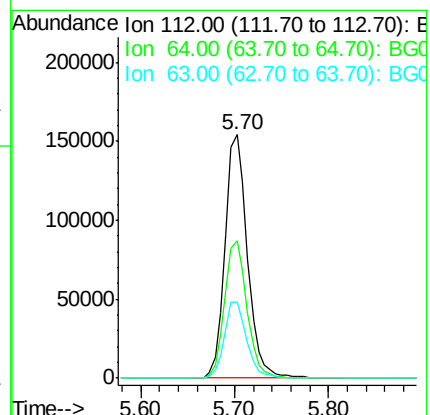
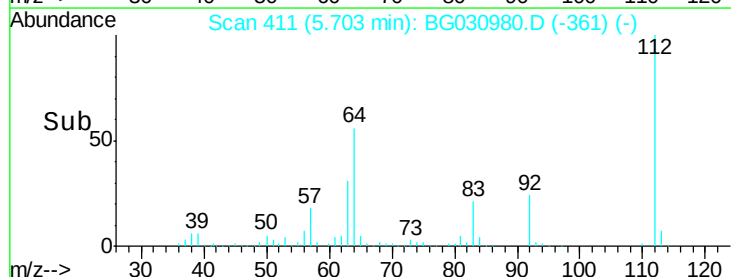
63 31.1 30.1 45.1

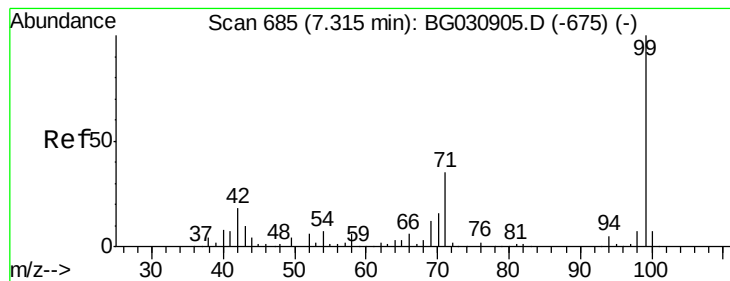


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 124.35 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG030980.D

Acq: 13 Nov 2017 19:32

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-D

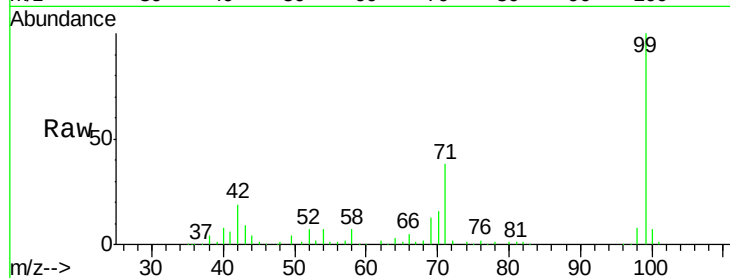
Tgt Ion: 99 Resp: 292312

Ion Ratio Lower Upper

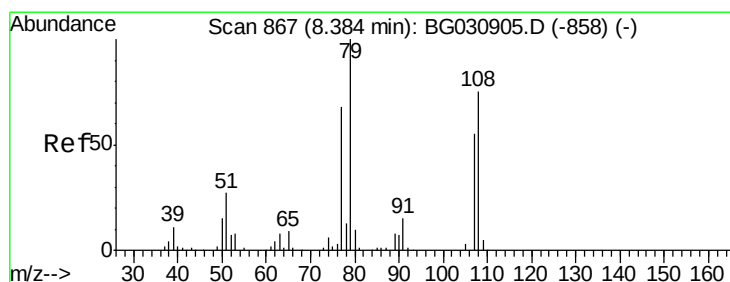
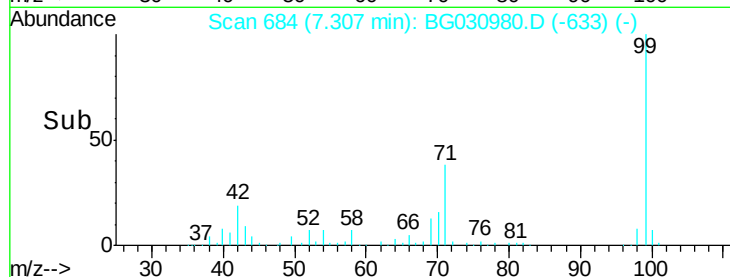
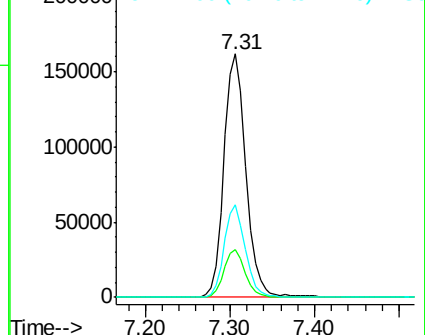
99 100

42 19.5 14.1 21.1

71 38.1 26.1 39.1



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



#15

Benzyl Alcohol

Concen: 2.03 ng

RT: 8.46 min Scan# 881

Delta R.T. 0.08 min

Lab File: BG030980.D

Acq: 13 Nov 2017 19:32

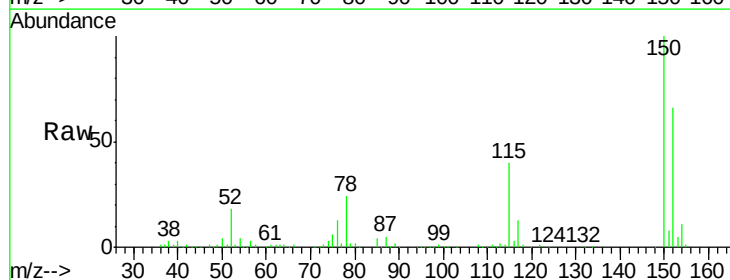
Tgt Ion: 79 Resp: 3836

Ion Ratio Lower Upper

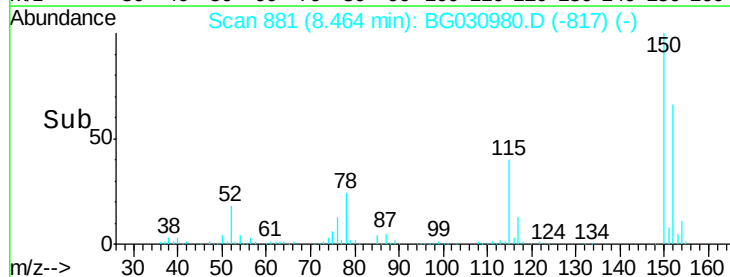
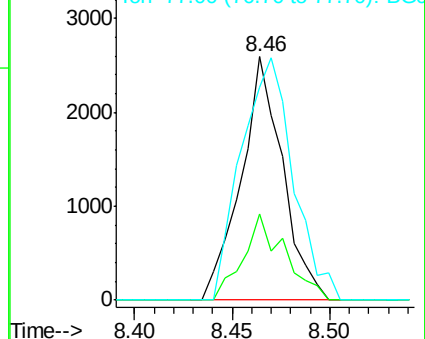
79 100

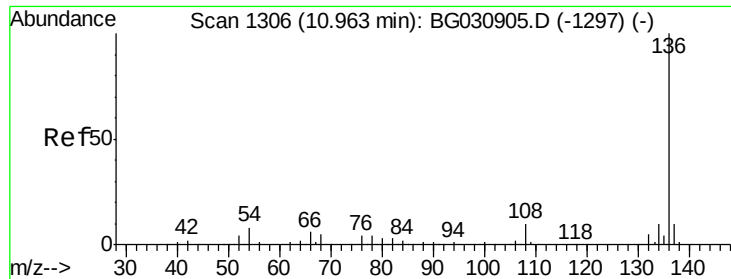
108 35.3 57.2 85.8#

77 87.4 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

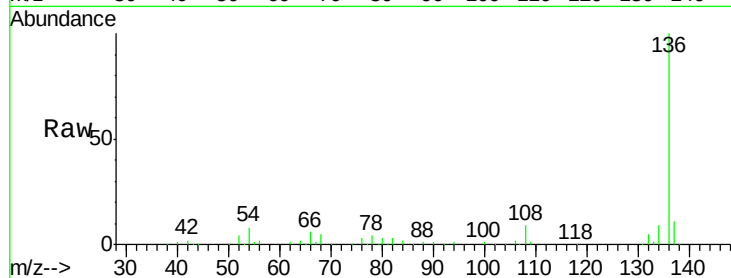




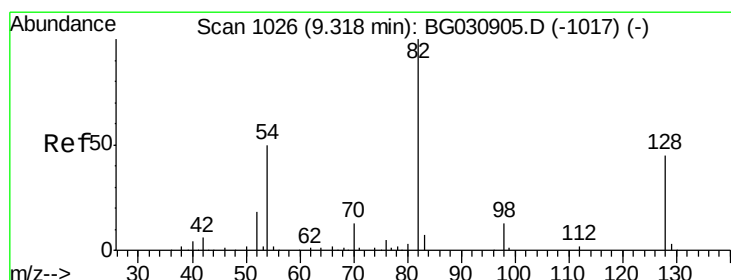
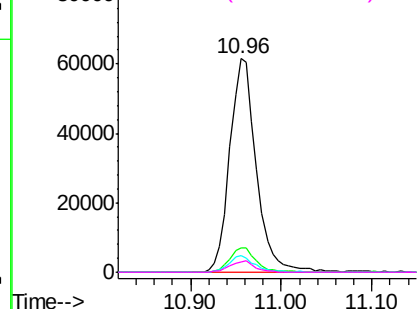
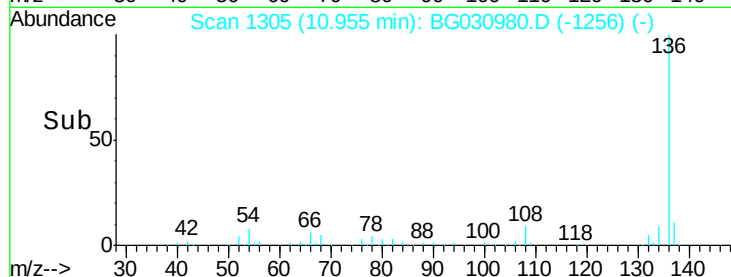
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG030980.D
Acq: 13 Nov 2017 19:32

Instrument :
BNA_G
ClientSampleId :
JC-02-110917-D

Tgt Ion:	136	Resp:	125356
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	7.9	10.3	15.5#
68	5.0	4.5	6.7

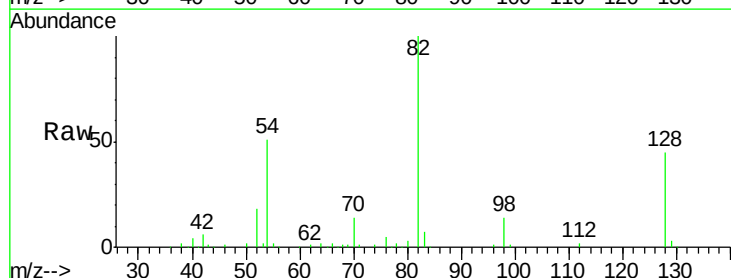


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

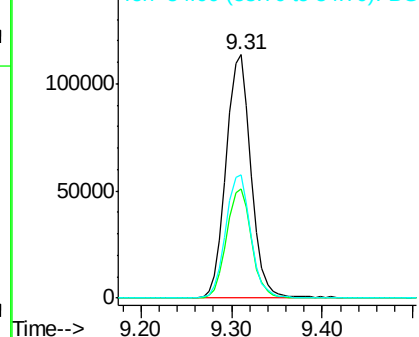
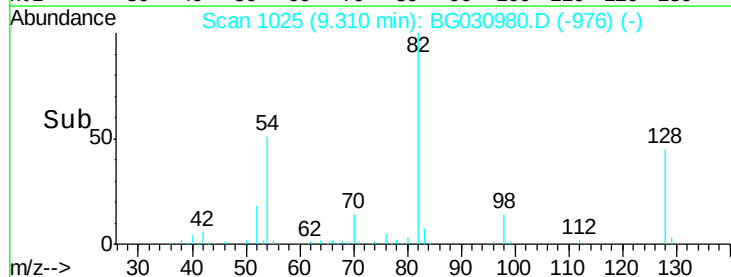


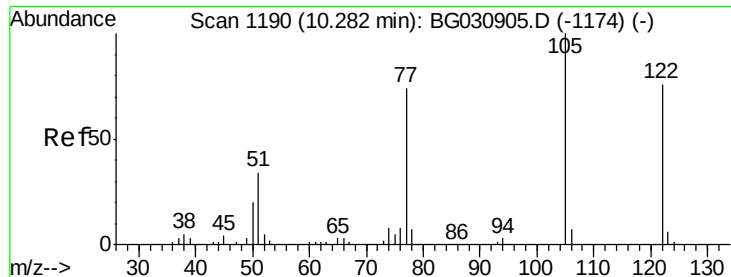
#23
Nitrobenzene-d5
Concen: 102.50 ng
RT: 9.31 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG030980.D
Acq: 13 Nov 2017 19:32

Tgt Ion:	82	Resp:	216838
Ion	Ratio	Lower	Upper
82	100		
128	44.6	29.7	44.5#
54	50.8	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





#32

Benzoic acid

Concen: 5.74 ng

RT: 10.40 min Scan# 1211

Delta R.T. 0.13 min

Lab File: BG030980.D

Acq: 13 Nov 2017 19:32

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-D

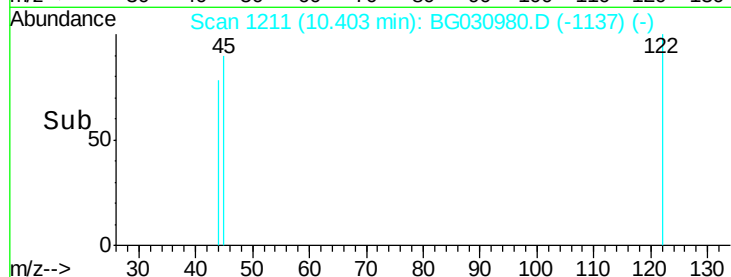
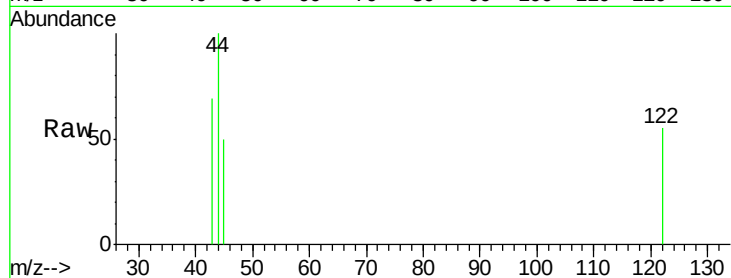
Tgt Ion:122 Resp: 126

Ion Ratio Lower Upper

122 100

105 0.0 123.5 163.5#

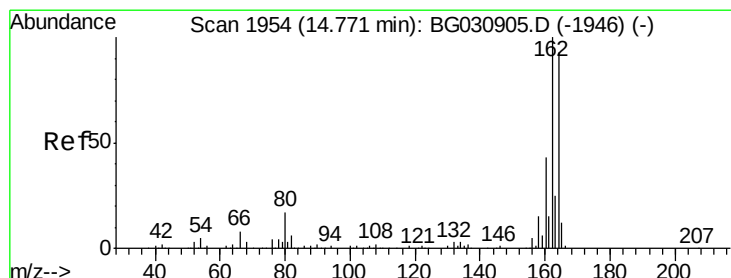
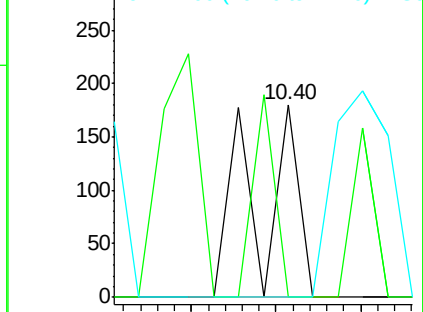
77 0.0 85.7 125.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.76 min Scan# 1952

Delta R.T. -0.02 min

Lab File: BG030980.D

Acq: 13 Nov 2017 19:32

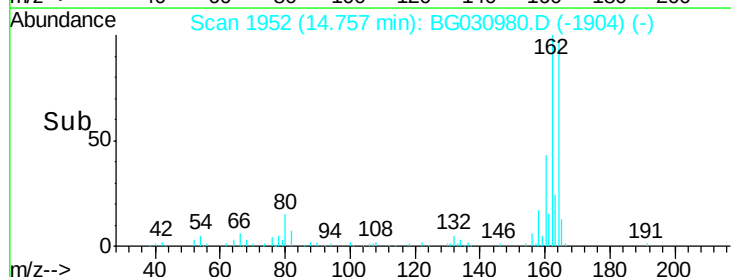
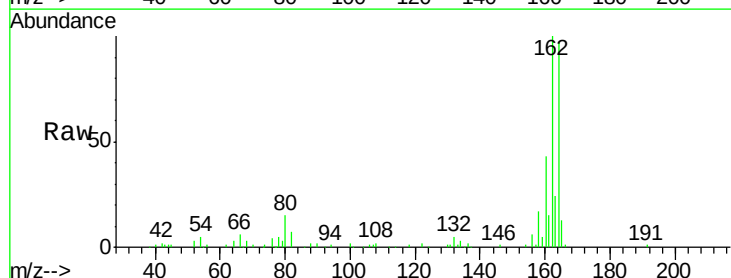
Tgt Ion:164 Resp: 80922

Ion Ratio Lower Upper

164 100

162 102.7 78.8 118.2

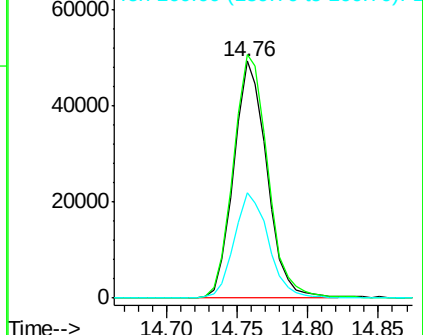
160 44.6 35.4 53.0

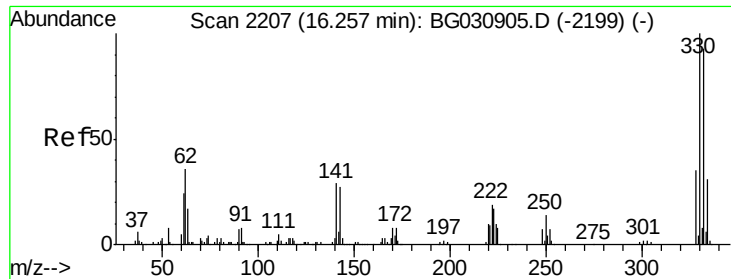


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

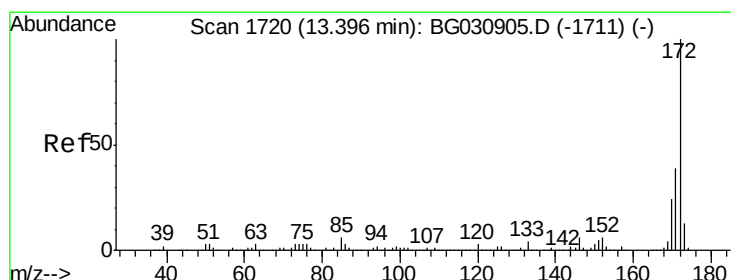
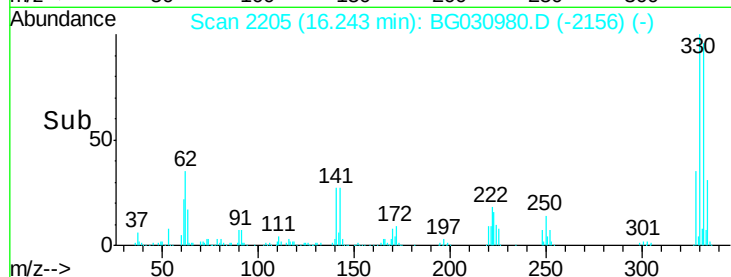
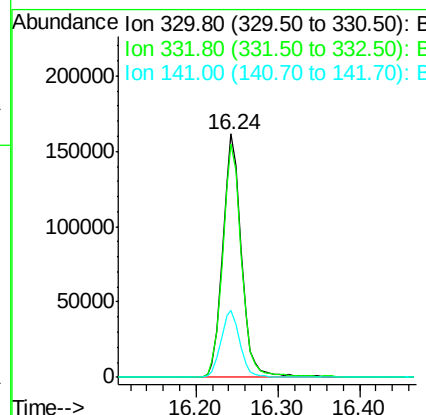
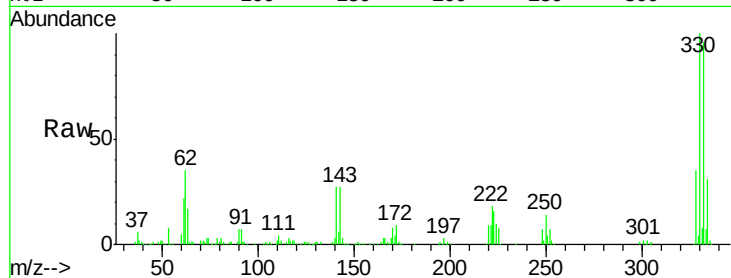




#41
 2,4,6-Tribromophenol
 Concen: 196.98 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG030980.D
 Acq: 13 Nov 2017 19:32

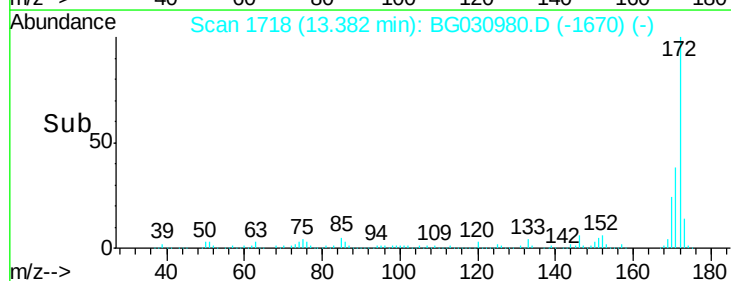
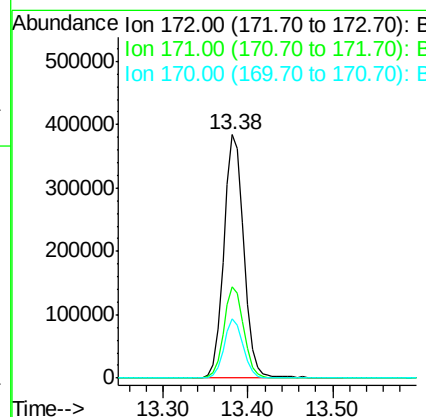
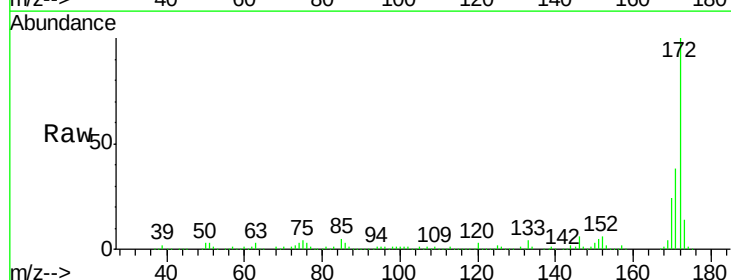
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-110917-D

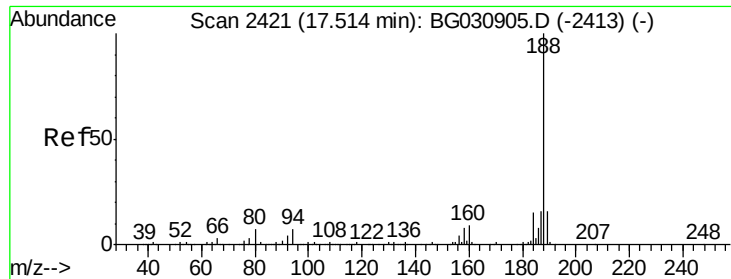
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	28.0	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 112.36 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG030980.D
 Acq: 13 Nov 2017 19:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	24.2	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.50 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG030980.D

Acq: 13 Nov 2017 19:32

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-D

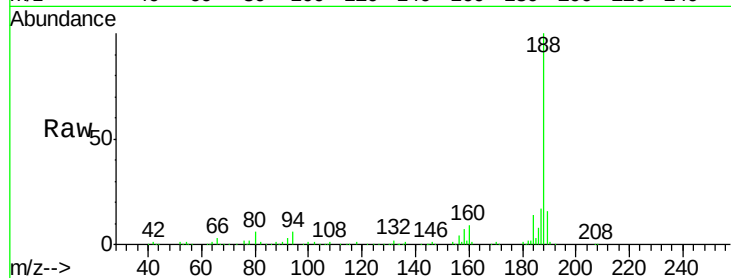
Tgt Ion:188 Resp: 250182

Ion Ratio Lower Upper

188 100

94 6.1 6.9 10.3#

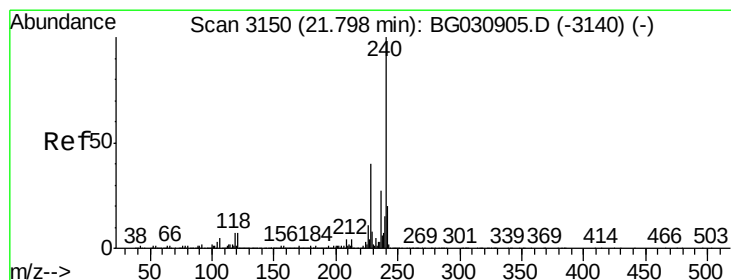
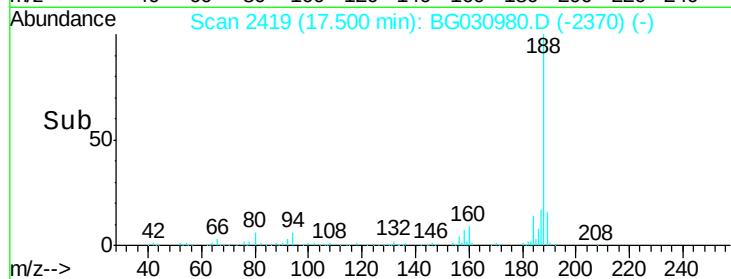
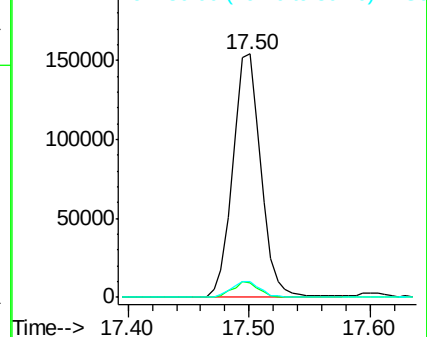
80 6.2 7.7 11.5#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG030980.D

Acq: 13 Nov 2017 19:32

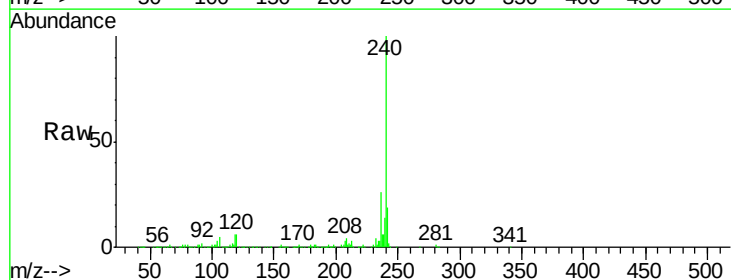
Tgt Ion:240 Resp: 410835

Ion Ratio Lower Upper

240 100

120 5.9 6.8 10.2#

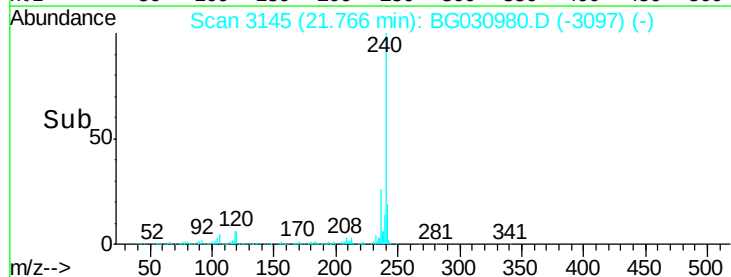
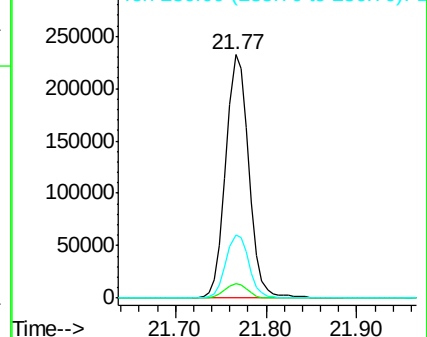
236 25.8 20.9 31.3

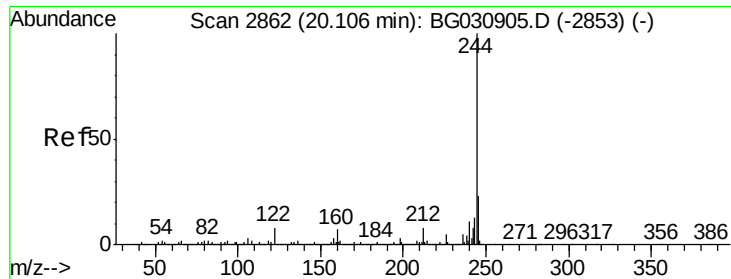


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 89.66 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG030980.D

Acq: 13 Nov 2017 19:32

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-D

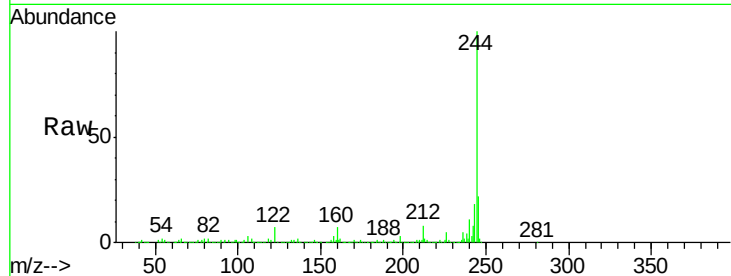
Tgt Ion:244 Resp: 1668245

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

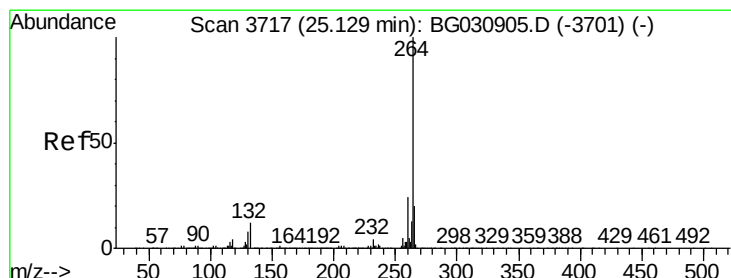
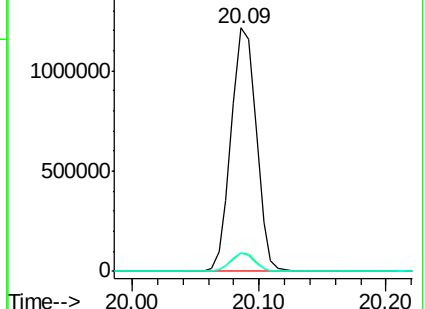
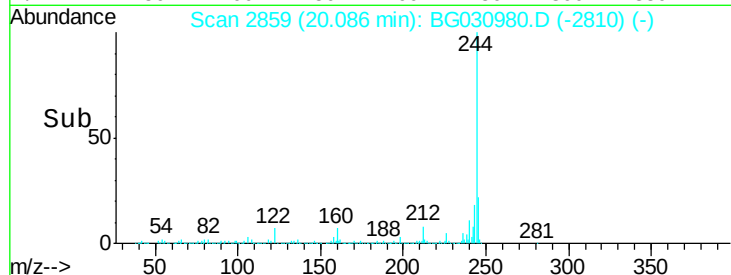
122 7.5 7.0 10.4



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: 25.07 min Scan# 3707

Delta R.T. -0.02 min

Lab File: BG030980.D

Acq: 13 Nov 2017 19:32

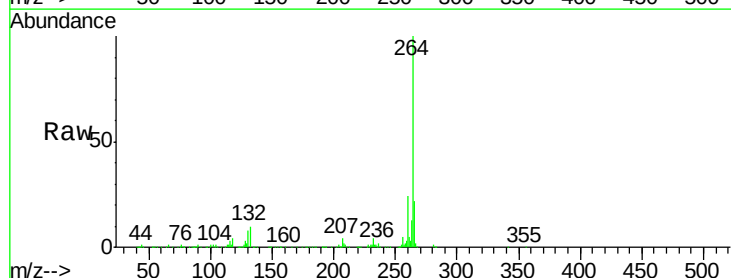
Tgt Ion:264 Resp: 405696

Ion Ratio Lower Upper

264 100

260 23.8 17.4 26.0

265 21.7 17.7 26.5



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

