

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120117\
 Data File : BG031327.D
 Acq On : 1 Dec 2017 20:54
 Operator : SJ/JU
 Sample : I6671-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ENV-105-3(0-5)

Quant Time: Dec 02 01:59:29 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

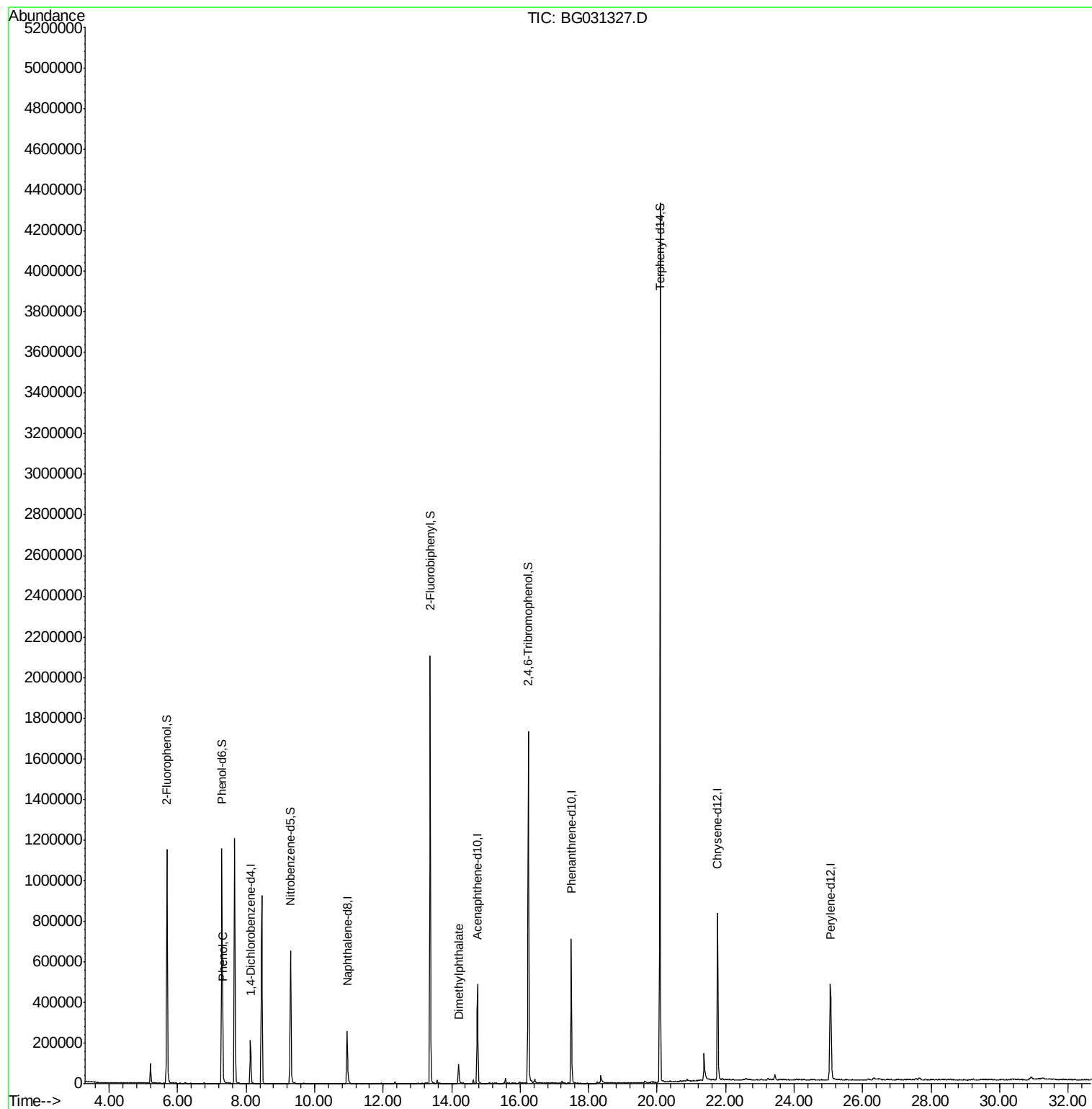
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	66070	20.00	ng	-0.03
21) Naphthalene-d8	10.95	136	284951	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	190491	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	493538	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	554324	20.00	ng	-0.02
86) Perylene-d12	25.06	264	542352	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	588409	152.71	ng	-0.02
7) Phenol-d6	7.29	99	770782	148.49	ng	-0.02
23) Nitrobenzene-d5	9.29	82	449857	93.55	ng	-0.03
41) 2,4,6-Tribromophenol	16.24	330	371775	120.65	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	1216425	91.76	ng	-0.03
78) Terphenyl-d14	20.08	244	2107542	83.95	ng	-0.02
Target Compounds						
10) Phenol	7.32	94	21271	3.95	ng	Qvalue 91
49) Dimethylphthalate	14.20	163	94971	5.77	ng	97

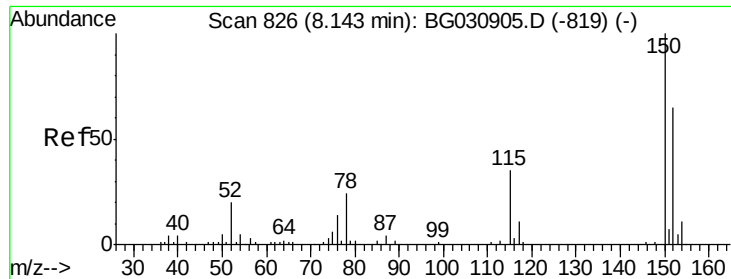
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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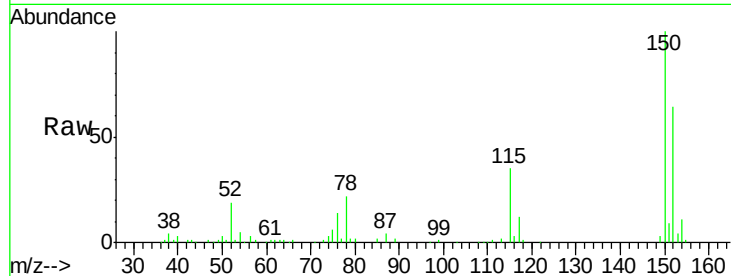


#1

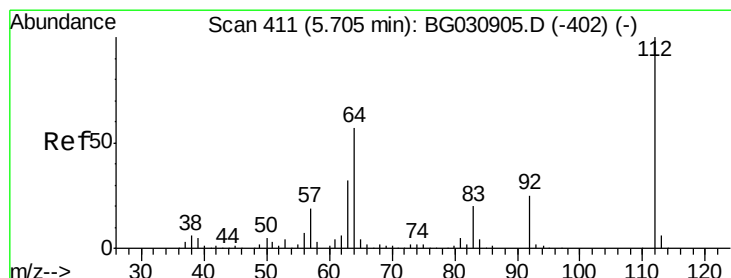
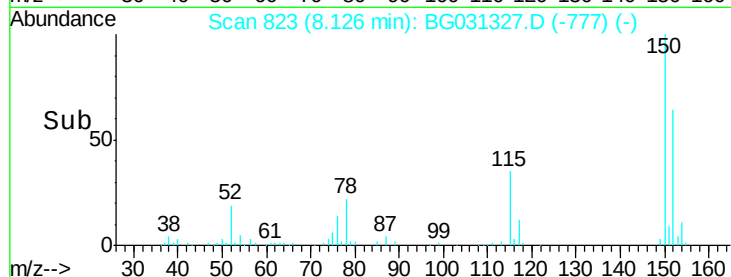
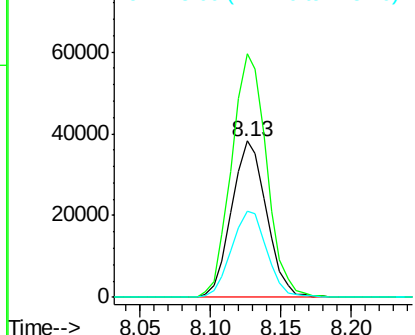
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 823
Delta R.T. -0.03 min
Lab File: BG031327.D
Acq: 1 Dec 2017 20:54

Instrument :
BNA_G
ClientSampleId :
ENV-105-3(0-5)

Tot Ion:152 Resp: 66070
Ion Ratio Lower Upper
152 100
150 155.7 126.6 189.8
115 55.1 53.0 79.4



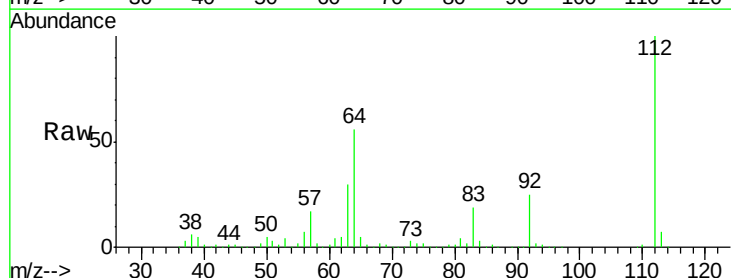
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



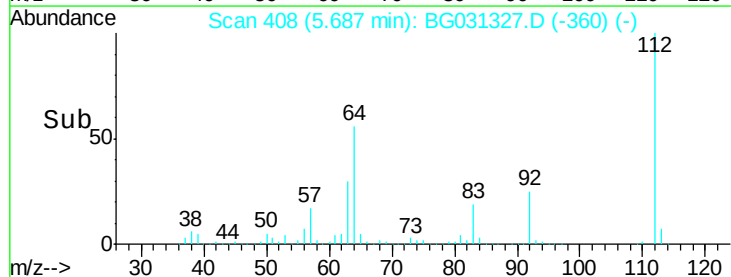
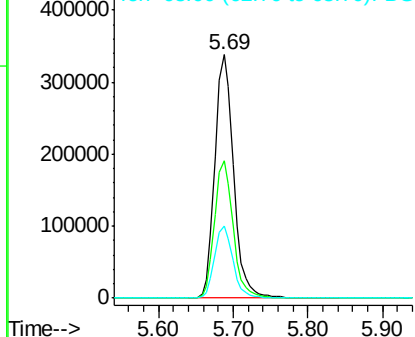
#5

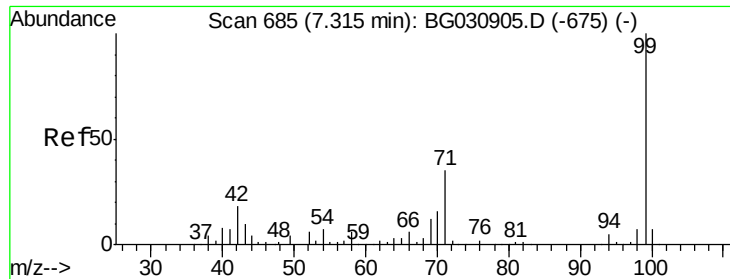
2-Fluorophenol
Concen: 152.71 ng
RT: 5.69 min Scan# 408
Delta R.T. -0.02 min
Lab File: BG031327.D
Acq: 1 Dec 2017 20:54

Tgt Ion:112 Resp: 588409
Ion Ratio Lower Upper
112 100
64 56.3 56.3 84.5#
63 29.7 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 148.49 ng

RT: 7.29 min Scan# 681

Delta R.T. -0.02 min

Lab File: BG031327.D

Acq: 1 Dec 2017 20:54

Instrument :

BNA_G

ClientSampleId :

ENV-105-3(0-5)

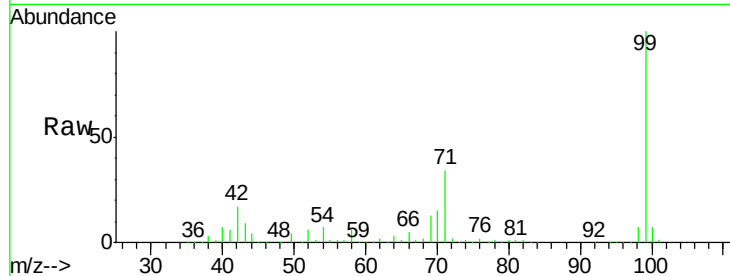
Tot Ion: 99 Resp: 770782

Ion Ratio Lower Upper

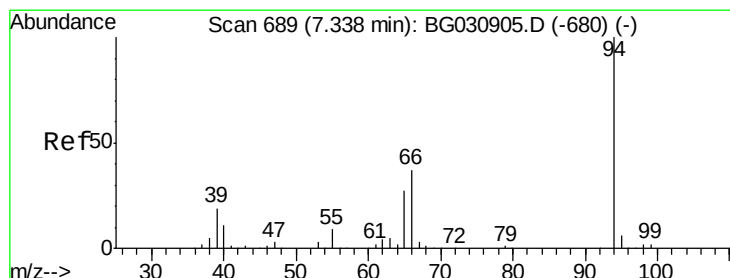
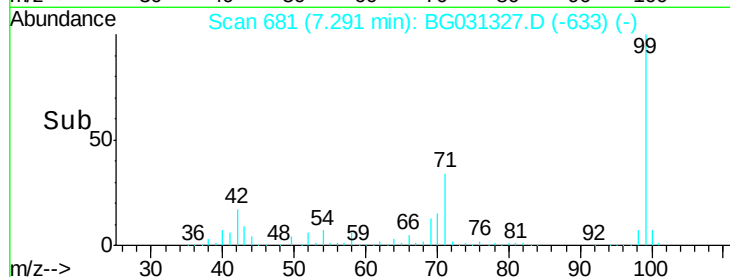
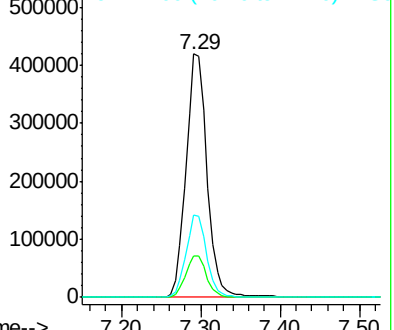
99 100

42 17.3 14.1 21.1

71 33.8 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



#10

Phenol

Concen: 3.95 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.02 min

Lab File: BG031327.D

Acq: 1 Dec 2017 20:54

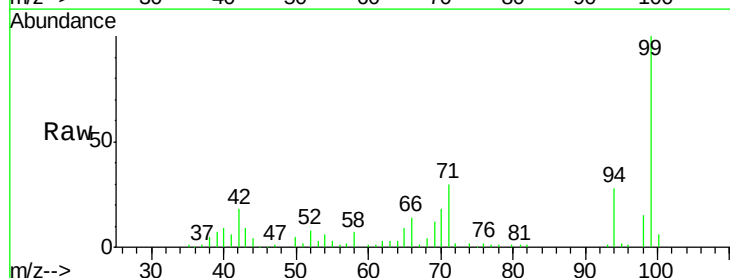
Tgt Ion: 94 Resp: 21271

Ion Ratio Lower Upper

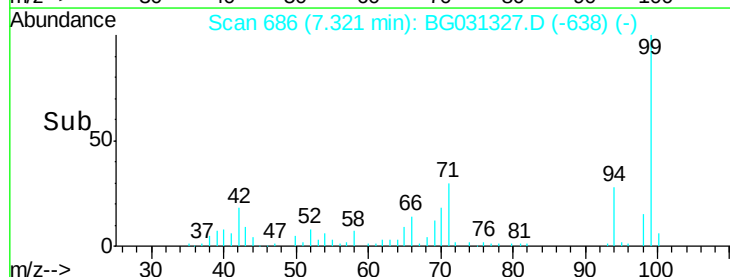
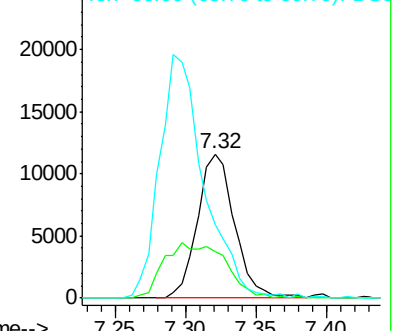
94 100

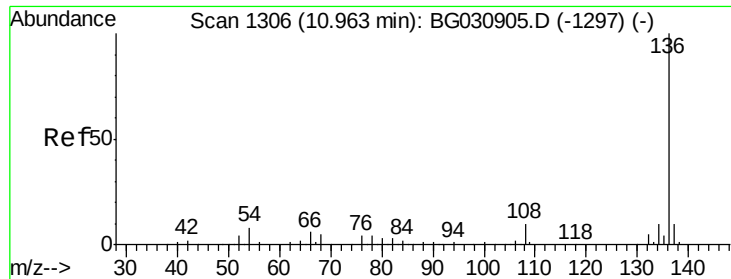
65 32.6 11.9 51.9

66 51.1 22.2 62.2



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: 10.95 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BG031327.D

Acq: 1 Dec 2017 20:54

Instrument :

BNA_G

ClientSampleId :

ENV-105-3(0-5)

Tot Ion:136 Resp: 284951

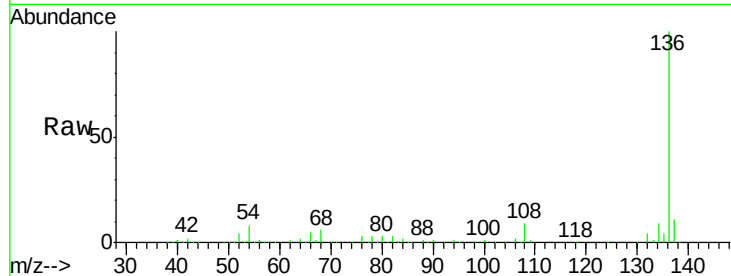
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 7.5 10.3 15.5#

68 5.7 4.5 6.7

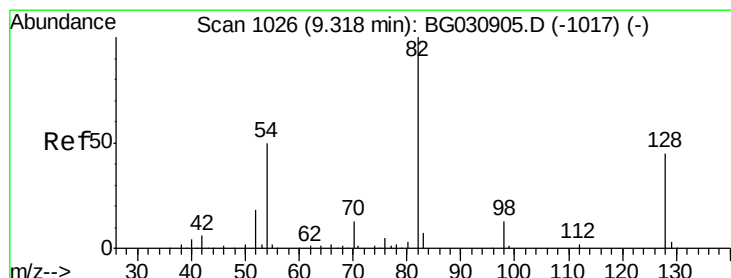
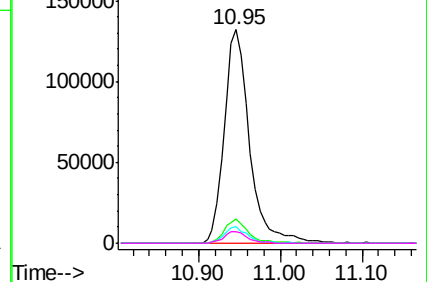
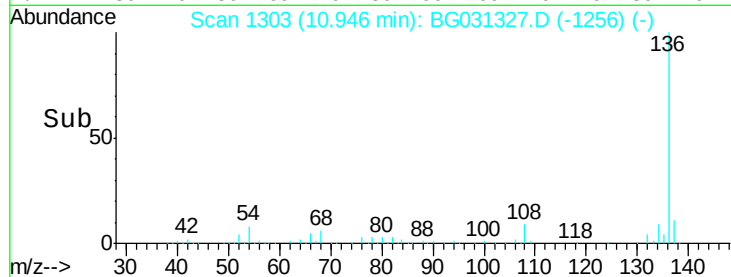


Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.55 ng

RT: 9.29 min Scan# 1022

Delta R.T. -0.03 min

Lab File: BG031327.D

Acq: 1 Dec 2017 20:54

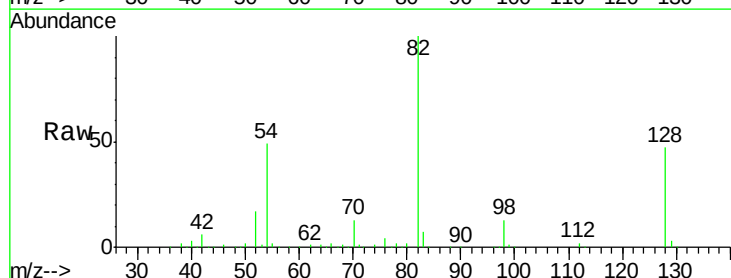
Tgt Ion: 82 Resp: 449857

Ion Ratio Lower Upper

82 100

128 46.5 29.7 44.5#

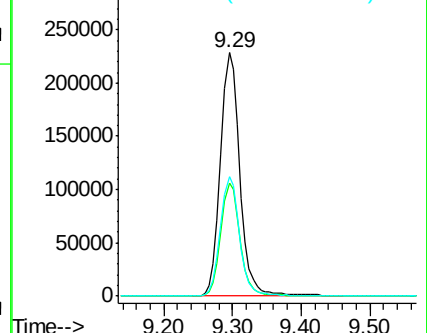
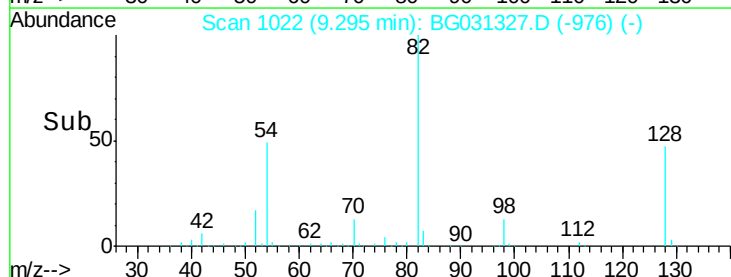
54 48.8 43.1 64.7

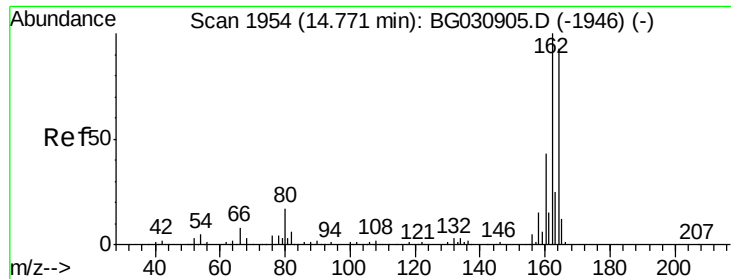


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: 14.75 min Scan# 1951

Delta R.T. -0.02 min

Lab File: BG031327.D

Acq: 1 Dec 2017 20:54

Instrument :

BNA_G

ClientSampleId :

ENV-105-3(0-5)

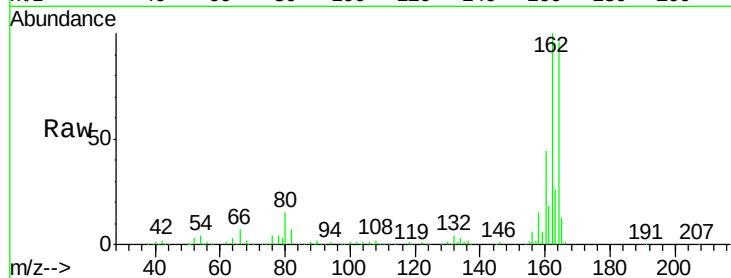
Tot Ion:164 Resp: 190491

Ion Ratio Lower Upper

164 100

162 104.4 78.8 118.2

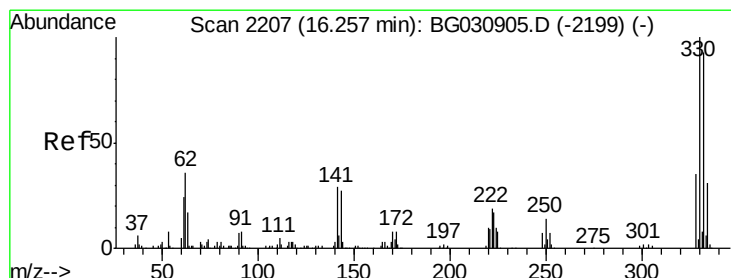
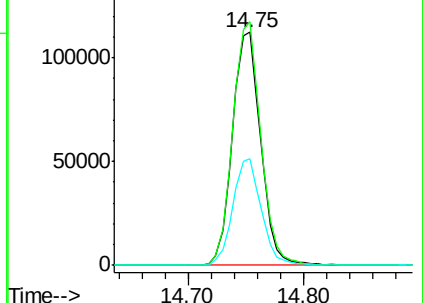
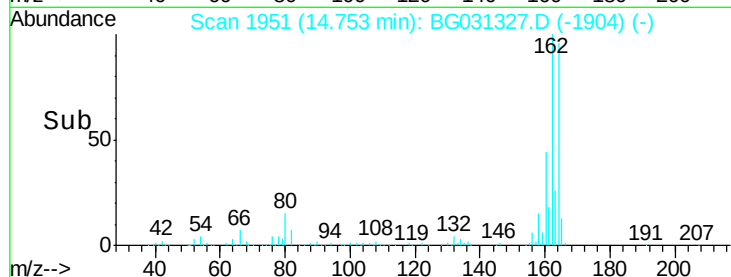
160 45.5 35.4 53.0



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: 120.65 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG031327.D

Acq: 1 Dec 2017 20:54

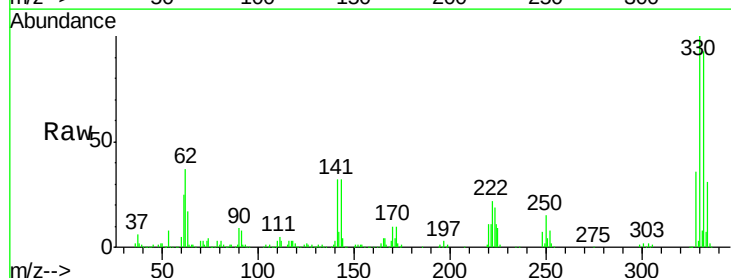
Tgt Ion:330 Resp: 371775

Ion Ratio Lower Upper

330 100

332 95.2 77.0 115.6

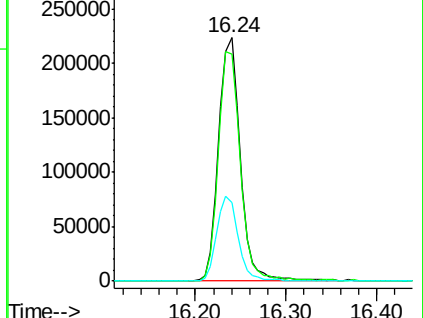
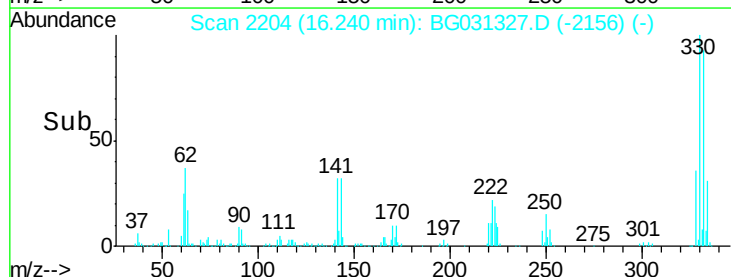
141 34.9 25.2 37.8

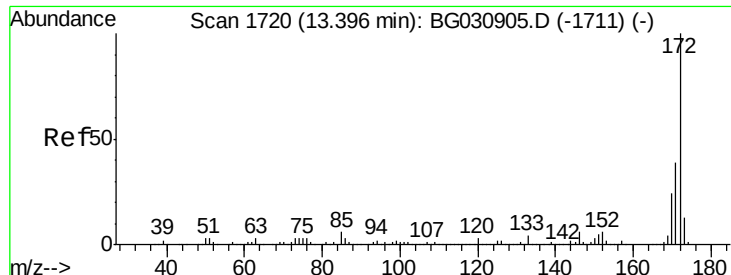


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

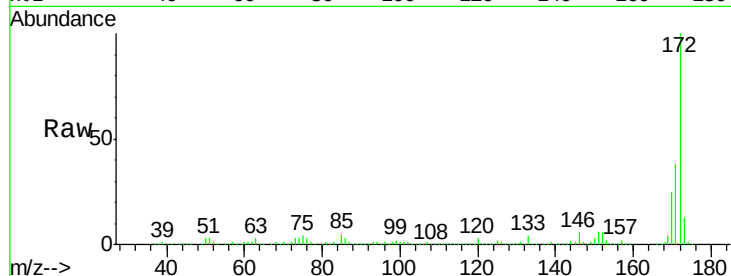




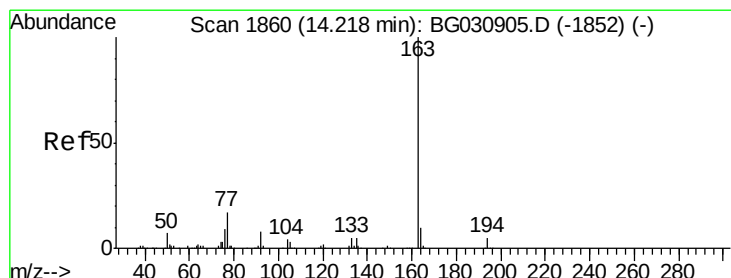
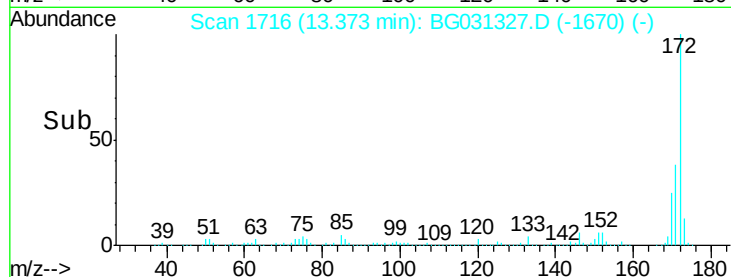
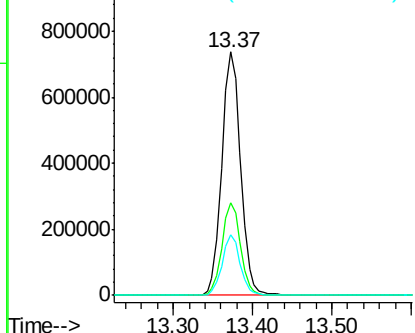
#44
2-Fluorobiphenyl
Concen: 91.76 ng
RT: 13.37 min Scan# 1716
Delta R.T. -0.03 min
Lab File: BG031327.D
Acq: 1 Dec 2017 20:54

Instrument :
BNA_G
ClientSampleId :
ENV-105-3(0-5)

Tot Ion:172 Resp: 1216425
Ion Ratio Lower Upper
172 100
171 38.1 30.0 45.0
170 24.9 19.5 29.3

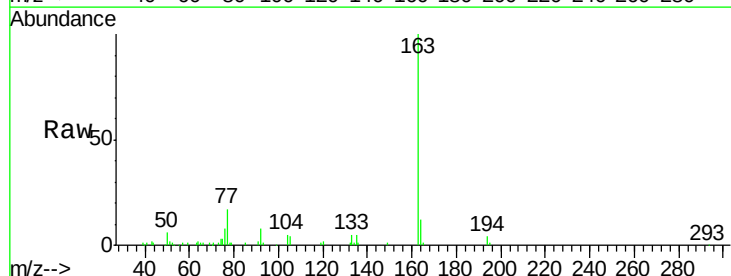


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

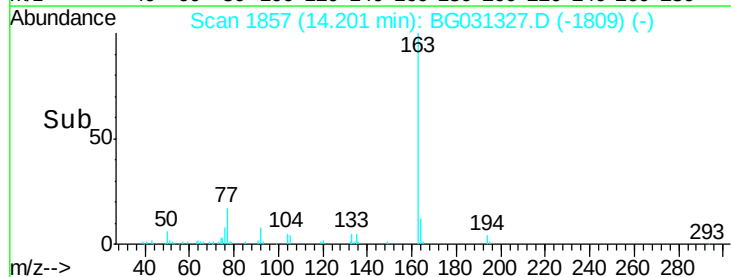
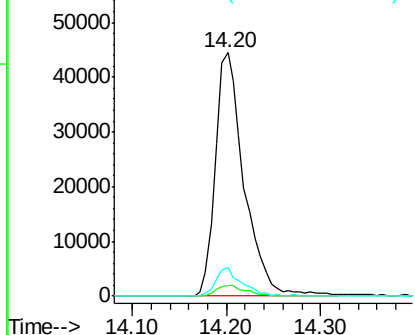


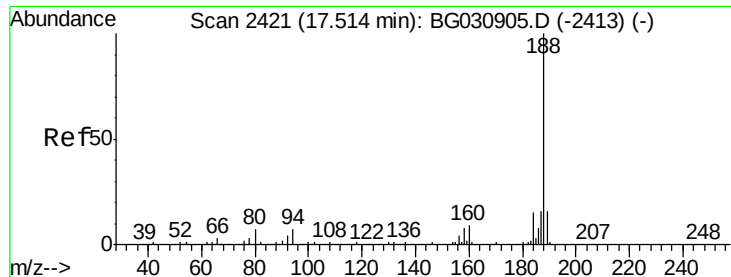
#49
Dimethylphthalate
Concen: 5.77 ng
RT: 14.20 min Scan# 1857
Delta R.T. -0.02 min
Lab File: BG031327.D
Acq: 1 Dec 2017 20:54

Tgt Ion:163 Resp: 94971
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 11.9 8.2 12.4



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2417

Delta R.T. -0.02 min

Lab File: BG031327.D

Acq: 1 Dec 2017 20:54

Instrument :

BNA_G

ClientSampleId :

ENV-105-3(0-5)

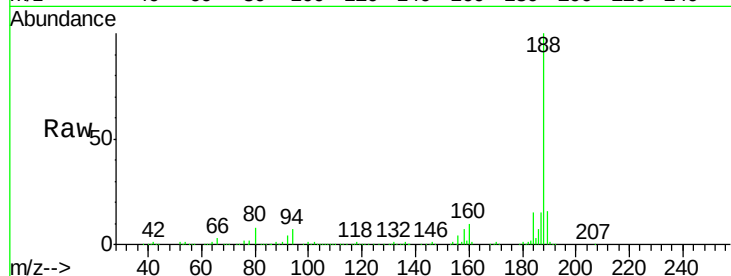
Tot Ion:188 Resp: 493538

Ion Ratio Lower Upper

188 100

94 6.7 6.9 10.3#

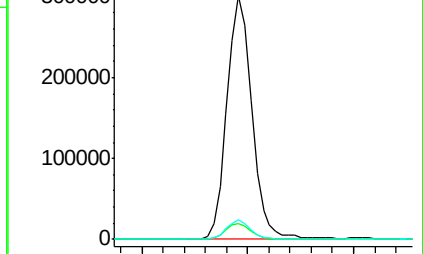
80 8.1 7.7 11.5



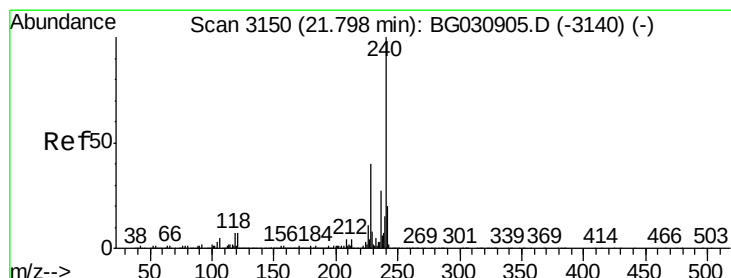
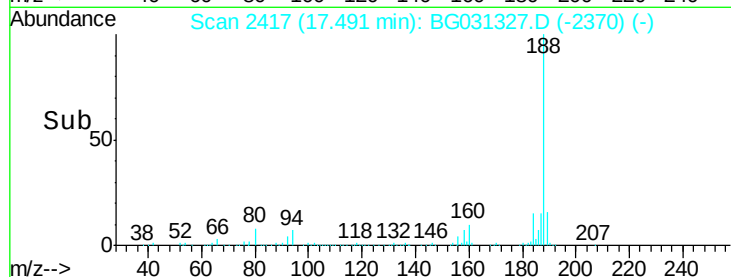
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.02 min

Lab File: BG031327.D

Acq: 1 Dec 2017 20:54

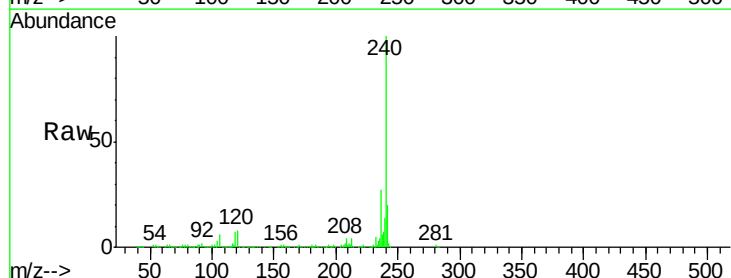
Tgt Ion:240 Resp: 554324

Ion Ratio Lower Upper

240 100

120 8.2 6.8 10.2

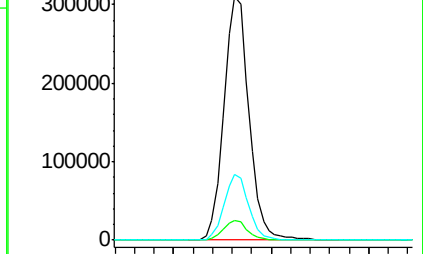
236 27.1 20.9 31.3



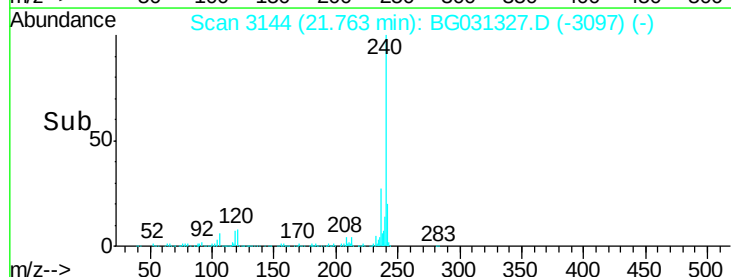
Abundance Ion 240.00 (239.70 to 240.70): E

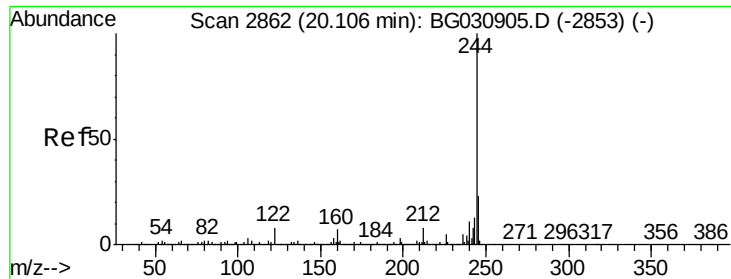
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 83.95 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BG031327.D

Acq: 1 Dec 2017 20:54

Instrument :

BNA_G

ClientSampleId :

ENV-105-3(0-5)

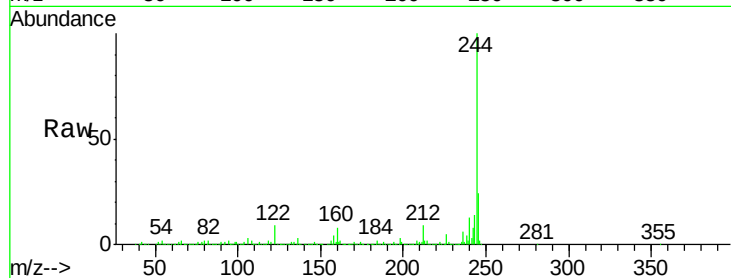
Tot Ion:244 Resp: 2107542

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

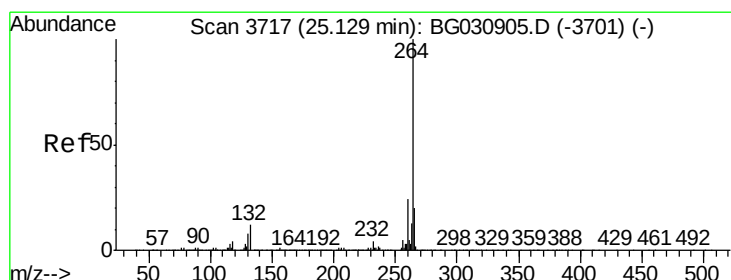
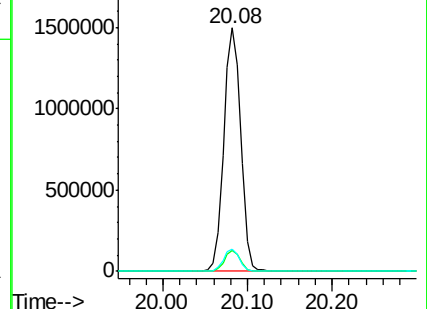
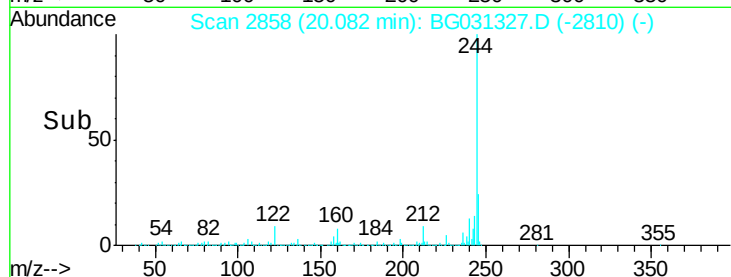
122 9.0 7.0 10.4



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: 25.06 min Scan# 3705

Delta R.T. -0.03 min

Lab File: BG031327.D

Acq: 1 Dec 2017 20:54

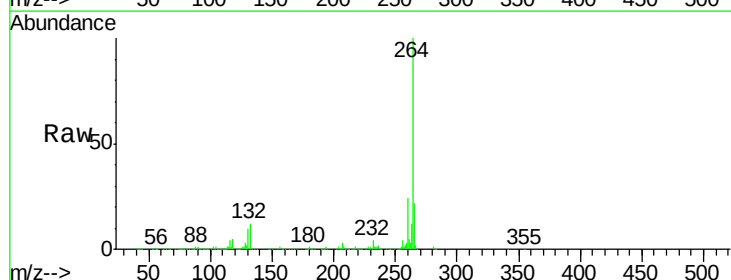
Tgt Ion:264 Resp: 542352

Ion Ratio Lower Upper

264 100

260 23.8 17.4 26.0

265 22.2 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

