

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
 Data File : BG017021.D
 Acq On : 10 May 2015 12:00
 Operator : TP/IZ
 Sample : G2151-12
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TU012-SB-20-7.5

Quant Time: May 11 06:40:56 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 16:13:58 2015
 Response via : Initial Calibration

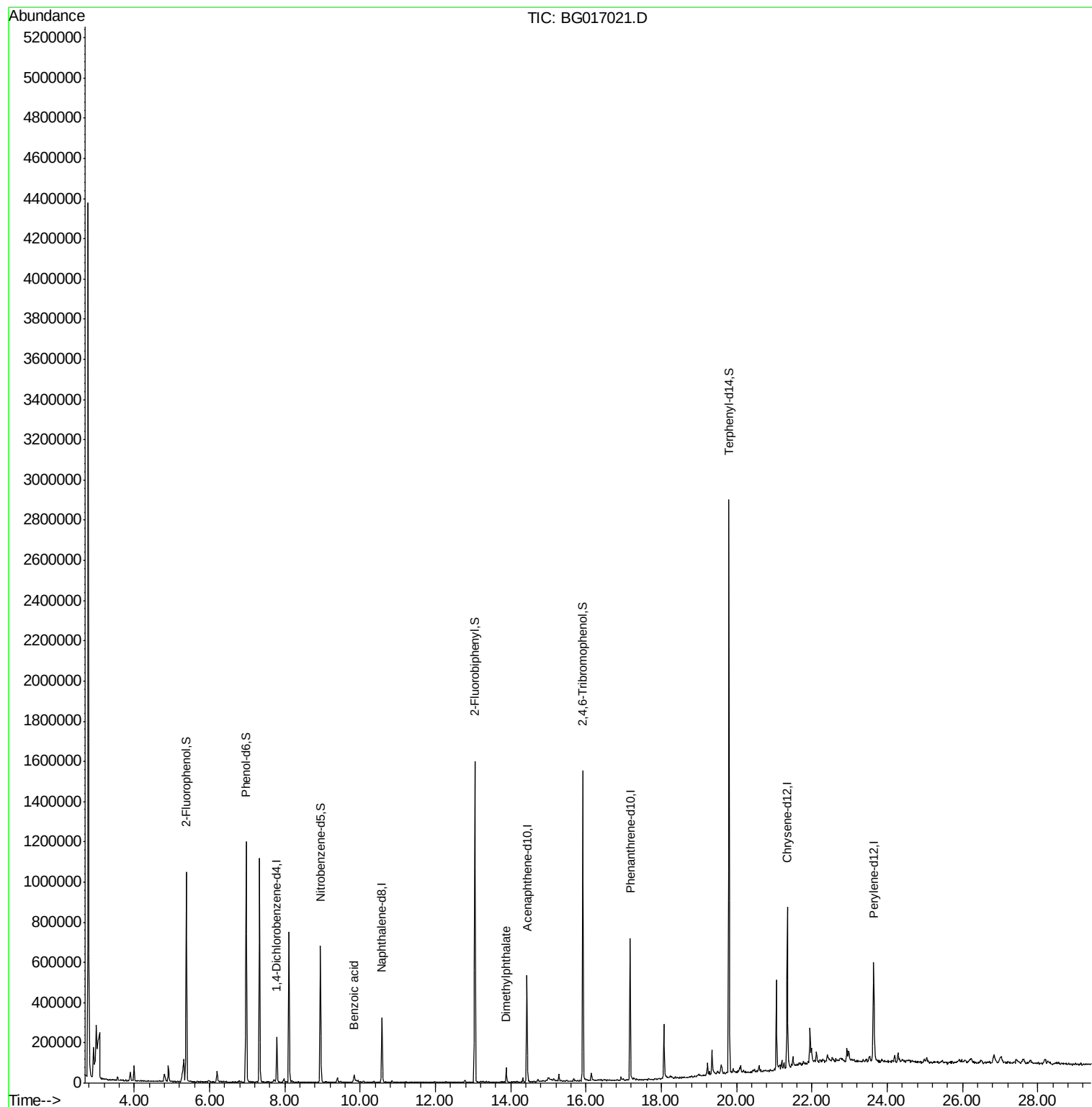
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	52814	20.00	ng	-0.02
21) Naphthalene-d8	10.58	136	241865	20.00	ng	-0.02
38) Acenaphthene-d10	14.43	164	165527	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	366785	20.00	ng	-0.02
75) Chrysene-d12	21.35	240	352092	20.00	ng	-0.02
86) Perylene-d12	23.64	264	348686	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	380241	125.36	ng	0.00
7) Phenol-d6	6.97	99	552815	127.57	ng	0.00
23) Nitrobenzene-d5	8.94	82	365222	73.77	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	219318	131.98	ng	-0.02
44) 2-Fluorobiphenyl	13.05	172	742744	67.71	ng	-0.02
78) Terphenyl-d14	19.80	244	1067736	71.09	ng	-0.02
Target Compounds						
32) Benzoic acid	9.84	122	17433	10.54	ng	Qvalue 91
49) Dimethylphthalate	13.88	163	36985	2.99	ng	# 96

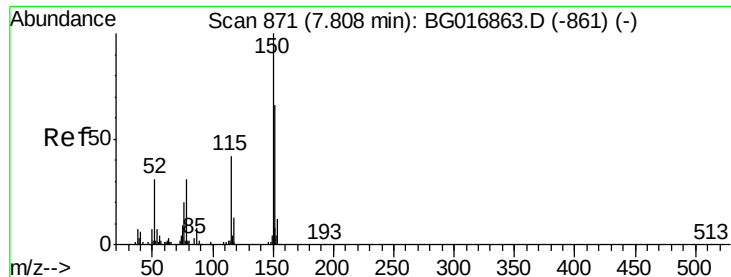
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.79 min Scan# 868

Delta R.T. -0.02 min

Lab File: BG017021.D

Acq: 10 May 2015 12:00

Instrument :

BNA_G

ClientSampleId :

TU012-SB-20-7.5

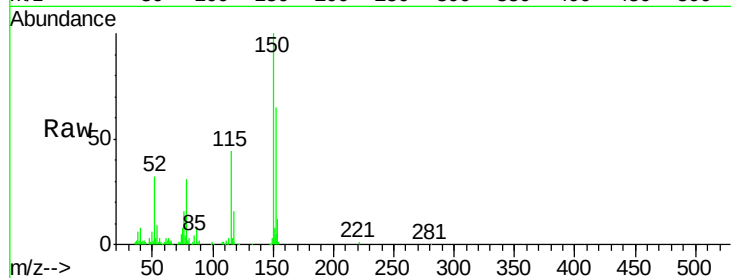
Tgt Ion:152 Resp: 52814

Ion Ratio Lower Upper

152 100

150 154.6 121.0 181.4

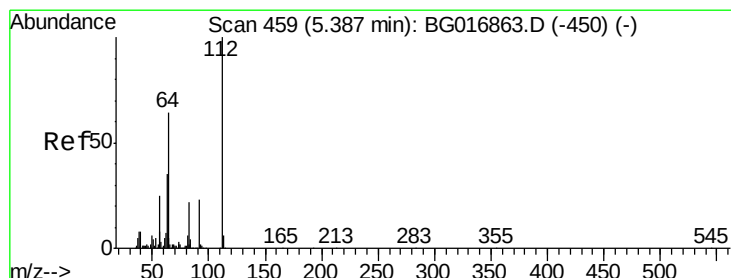
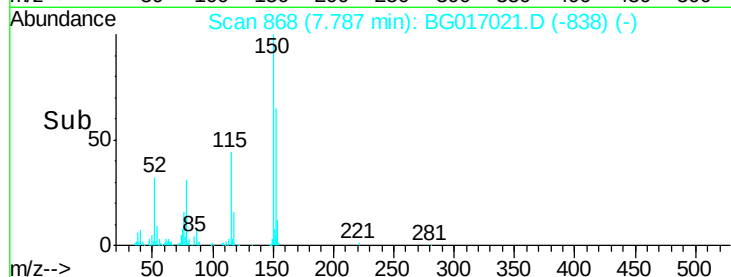
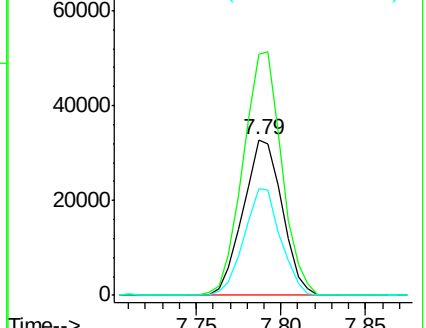
115 68.5 50.5 75.7



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: 125.36 ng

RT: 5.38 min Scan# 459

Delta R.T. -0.00 min

Lab File: BG017021.D

Acq: 10 May 2015 12:00

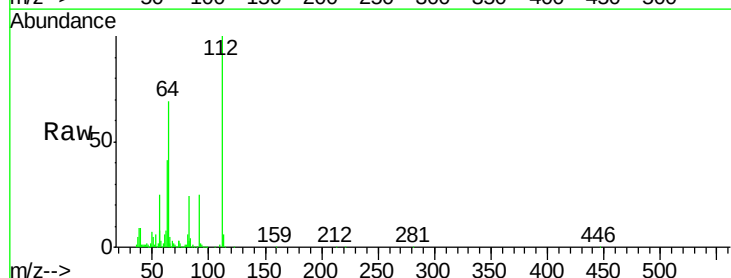
Tgt Ion:112 Resp: 380241

Ion Ratio Lower Upper

112 100

64 69.2 51.4 77.2

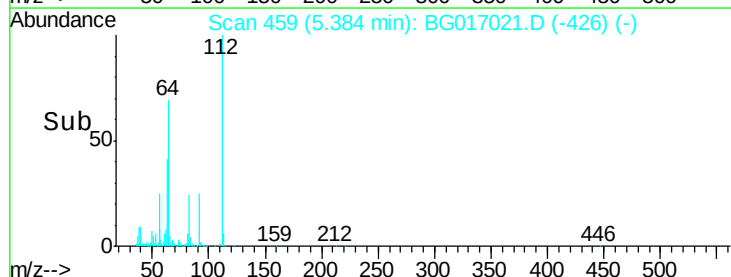
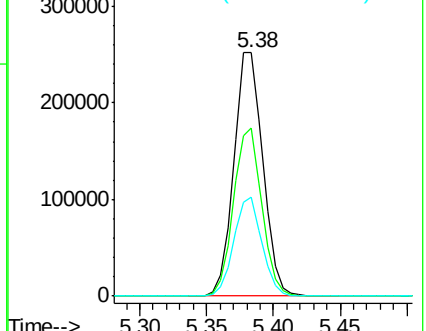
63 40.6 28.1 42.1

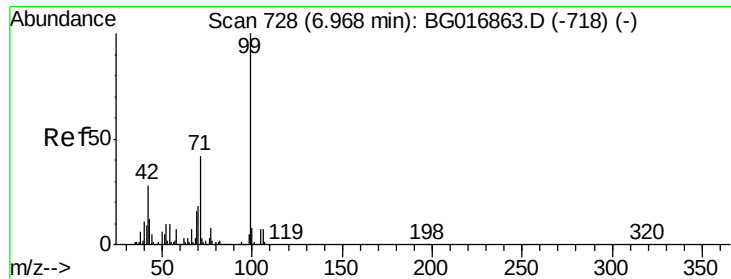


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 127.57 ng

RT: 6.97 min Scan# 729

Delta R.T. 0.00 min

Lab File: BG017021.D

Acq: 10 May 2015 12:00

Instrument :

BNA_G

ClientSampleId :

TU012-SB-20-7.5

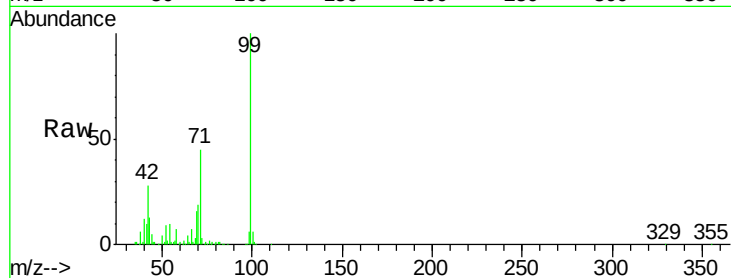
Tgt Ion: 99 Resp: 552815

Ion Ratio Lower Upper

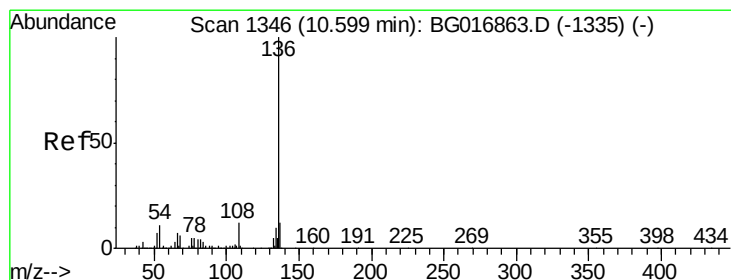
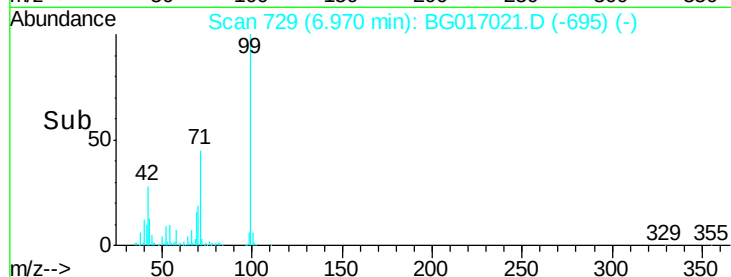
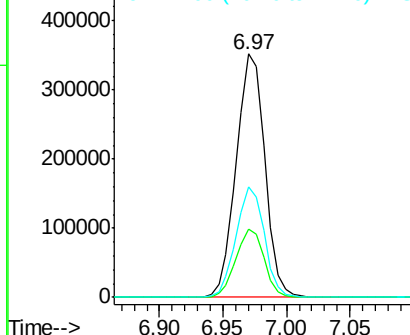
99 100

42 28.0 22.1 33.1

71 45.2 33.4 50.0



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.58 min Scan# 1343

Delta R.T. -0.02 min

Lab File: BG017021.D

Acq: 10 May 2015 12:00

Tgt Ion: 136 Resp: 241865

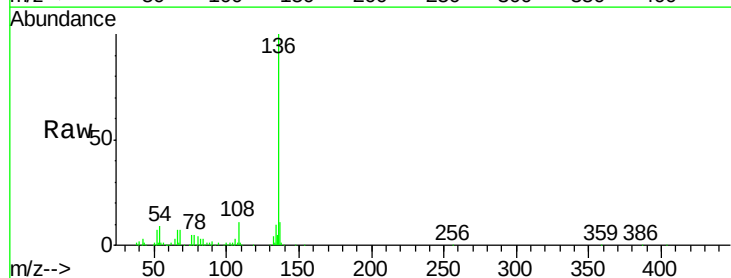
Ion Ratio Lower Upper

136 100

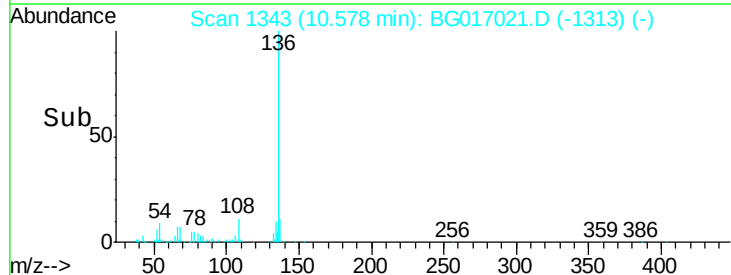
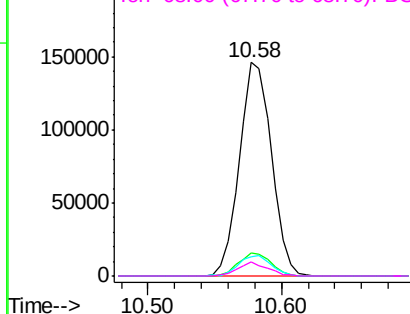
137 10.6 9.8 14.8

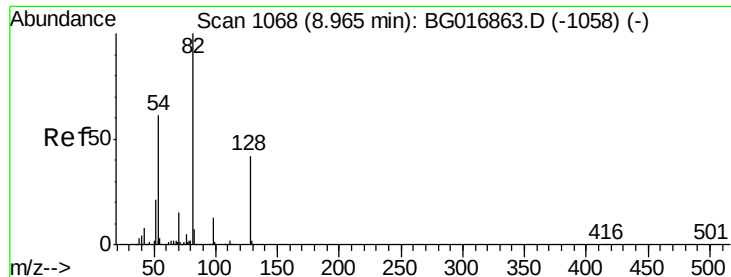
54 9.1 8.7 13.1

68 6.5 5.0 7.4



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

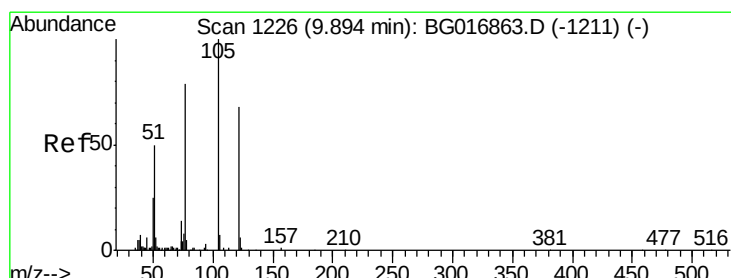
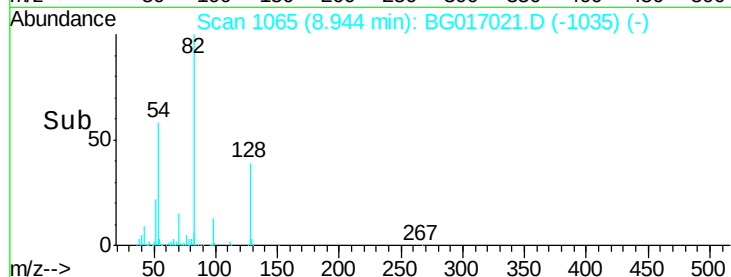
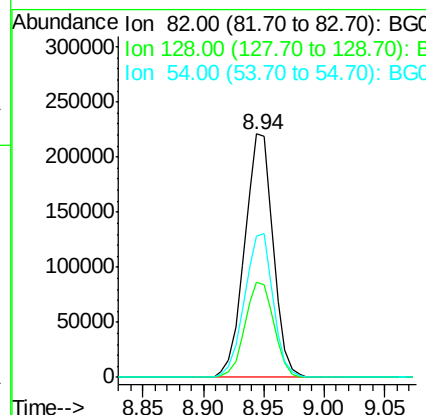
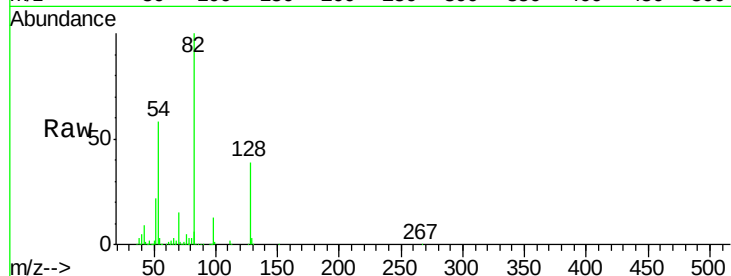




#23
 Nitrobenzene-d5
 Concen: 73.77 ng
 RT: 8.94 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG017021.D
 Acq: 10 May 2015 12:00

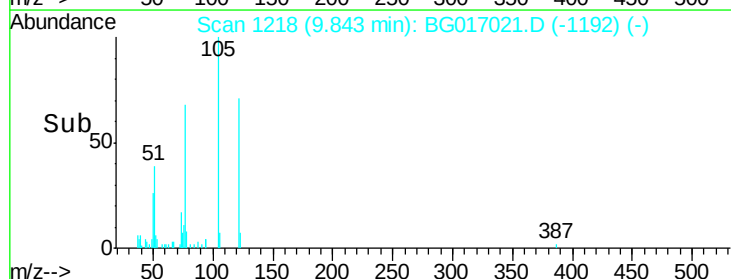
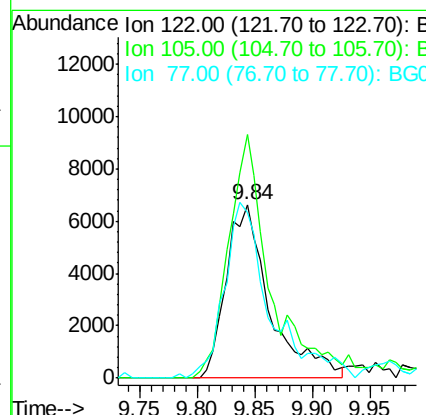
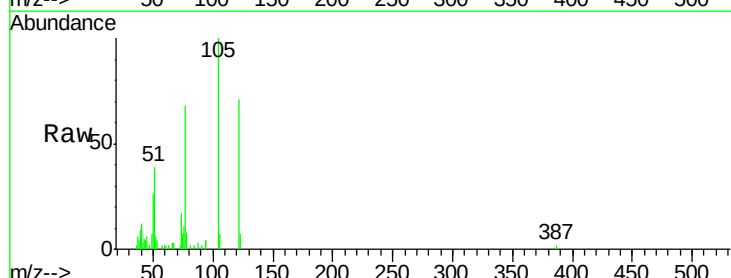
Instrument :
 BNA_G
 ClientSampleId :
 TU012-SB-20-7.5

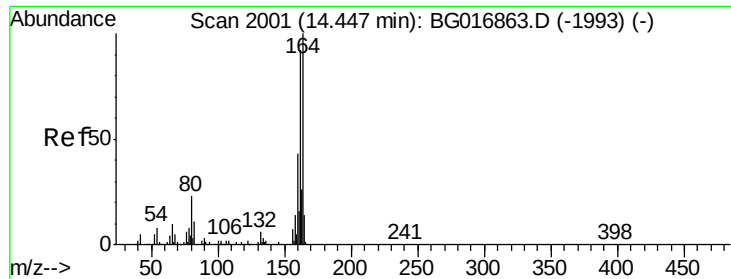
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.3	33.2	49.8
54	58.2	48.6	72.8



#32
 Benzoic acid
 Concen: 10.54 ng
 RT: 9.84 min Scan# 1218
 Delta R.T. -0.05 min
 Lab File: BG017021.D
 Acq: 10 May 2015 12:00

Tgt Ion	Ratio	Lower	Upper
122	100		
105	140.2	123.2	163.2
77	95.5	93.0	133.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.43 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BG017021.D

Acq: 10 May 2015 12:00

Instrument :

BNA_G

ClientSampleId :

TU012-SB-20-7.5

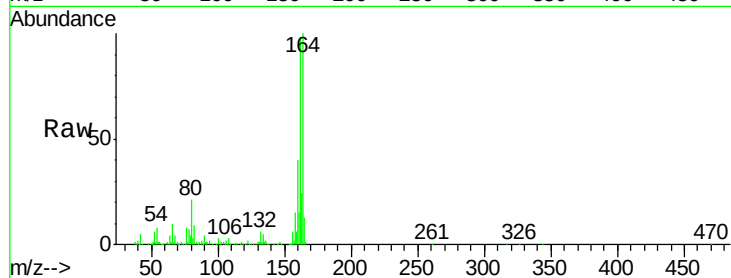
Tgt Ion:164 Resp: 165527

Ion Ratio Lower Upper

164 100

162 97.9 74.0 111.0

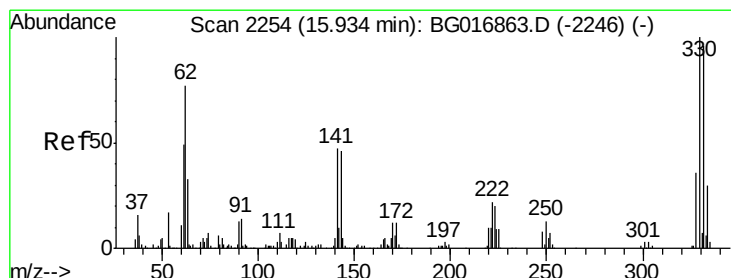
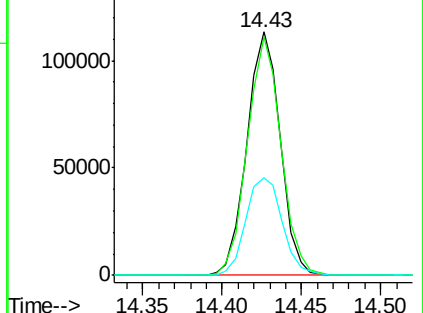
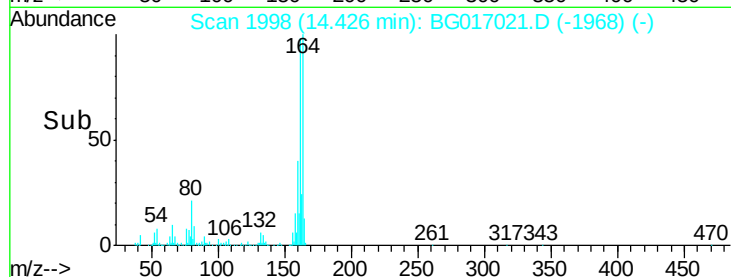
160 40.3 34.7 52.1



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: 131.98 ng

RT: 15.92 min Scan# 2252

Delta R.T. -0.02 min

Lab File: BG017021.D

Acq: 10 May 2015 12:00

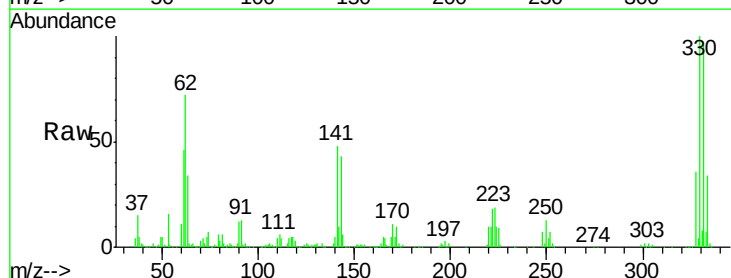
Tgt Ion:330 Resp: 219318

Ion Ratio Lower Upper

330 100

332 96.5 0.0 0.0#

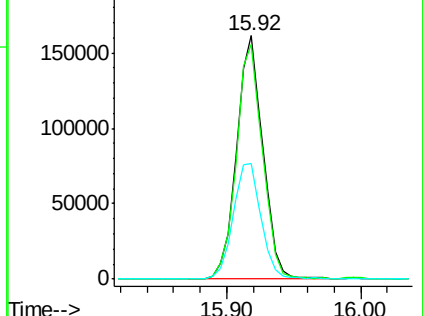
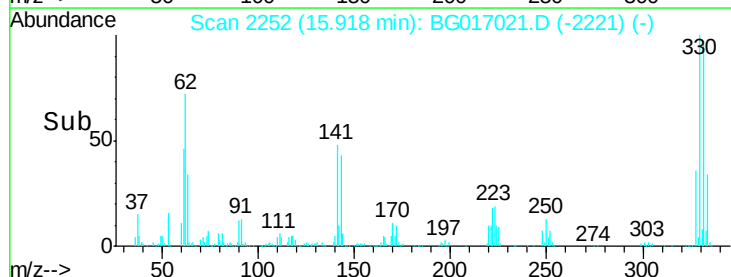
141 50.8 0.0 0.0#

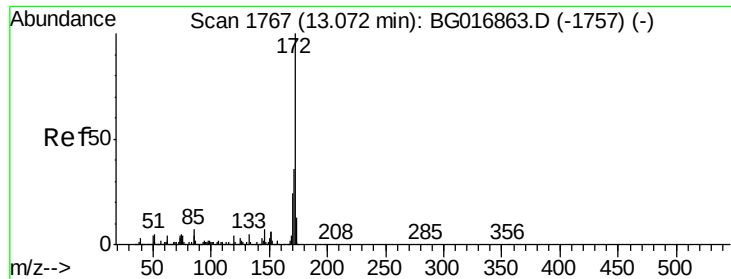


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

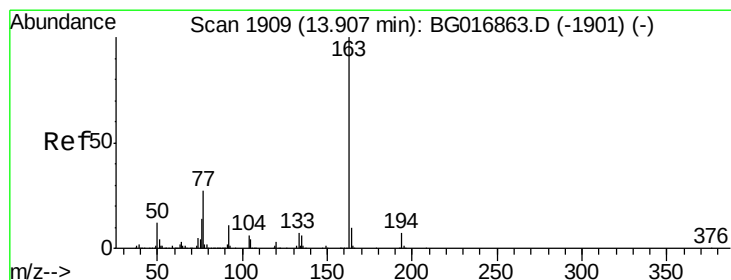
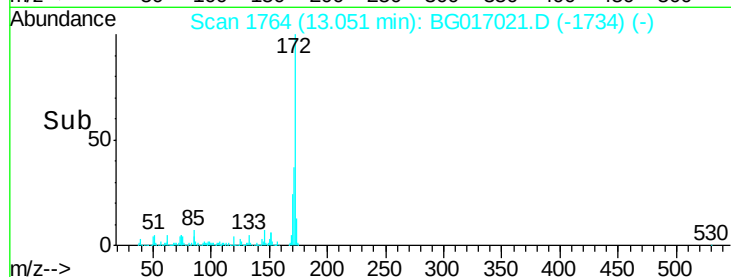
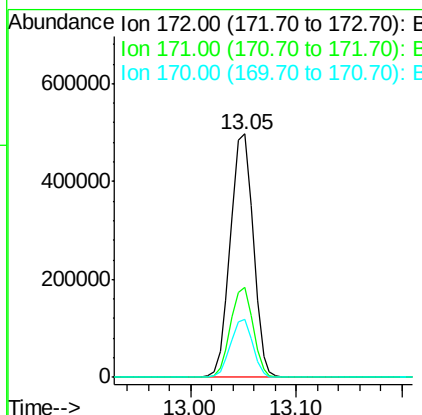
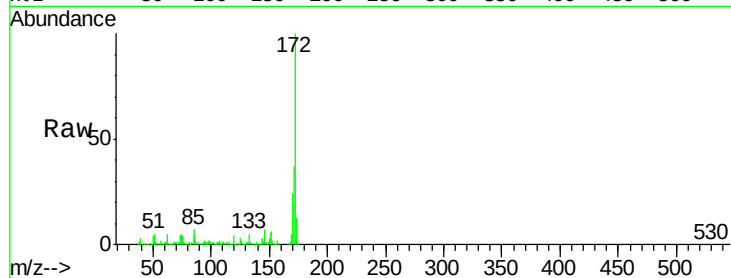




#44
2-Fluorobiphenyl
Concen: 67.71 ng
RT: 13.05 min Scan# 1764
Delta R.T. -0.02 min
Lab File: BG017021.D
Acq: 10 May 2015 12:00

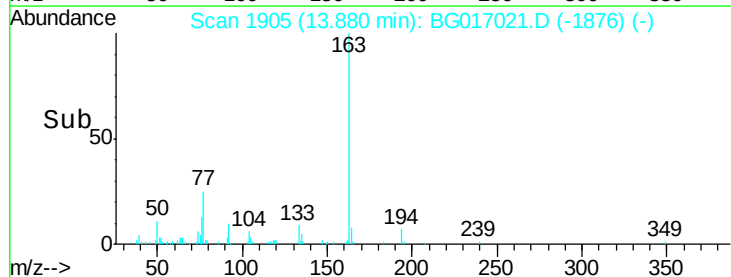
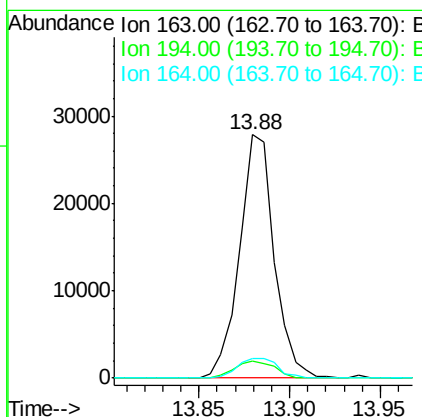
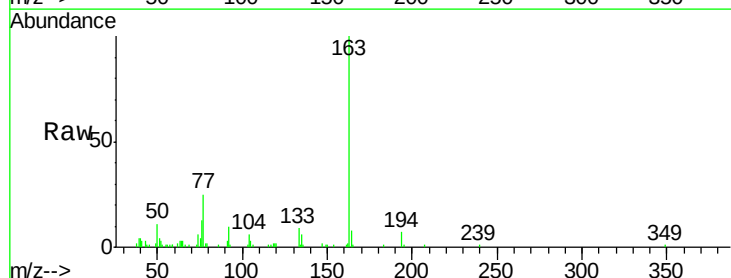
Instrument :
BNA_G
ClientSampleId :
TU012-SB-20-7.5

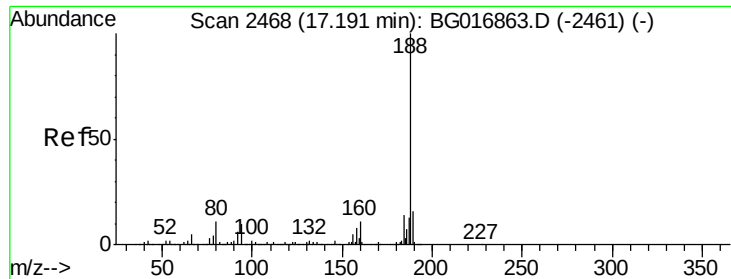
Tgt Ion:172 Resp: 742744
Ion Ratio Lower Upper
172 100
171 36.9 29.0 43.4
170 23.9 19.0 28.4



#49
Dimethylphthalate
Concen: 2.99 ng
RT: 13.88 min Scan# 1905
Delta R.T. -0.03 min
Lab File: BG017021.D
Acq: 10 May 2015 12:00

Tgt Ion:163 Resp: 36985
Ion Ratio Lower Upper
163 100
194 7.0 5.2 7.8
164 8.1 8.4 12.6#

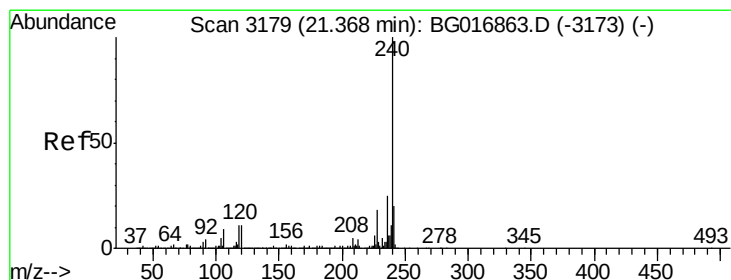
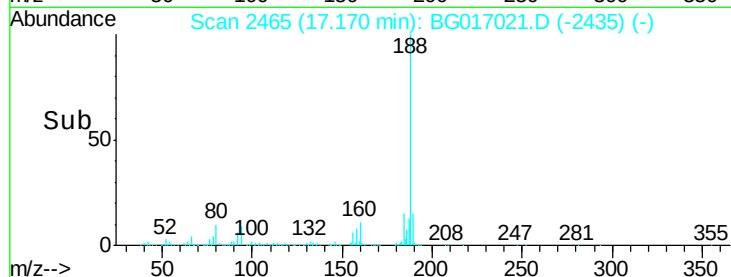
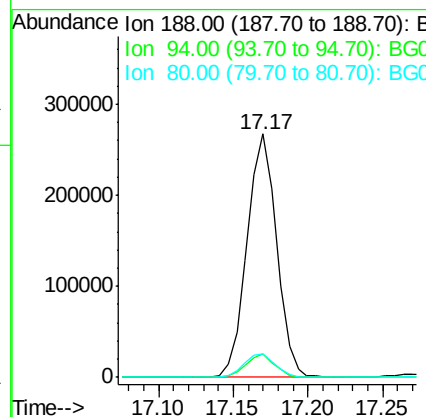
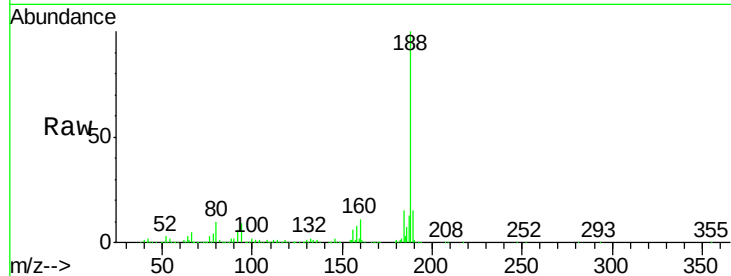




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2465
Delta R.T. -0.02 min
Lab File: BG017021.D
Acq: 10 May 2015 12:00

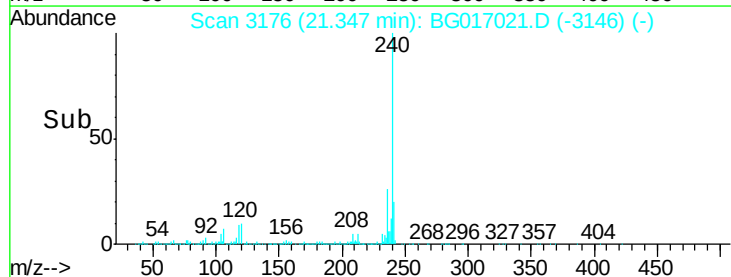
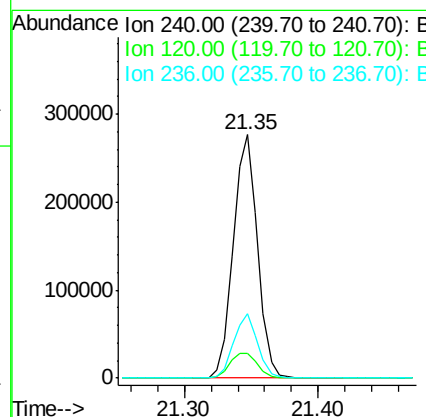
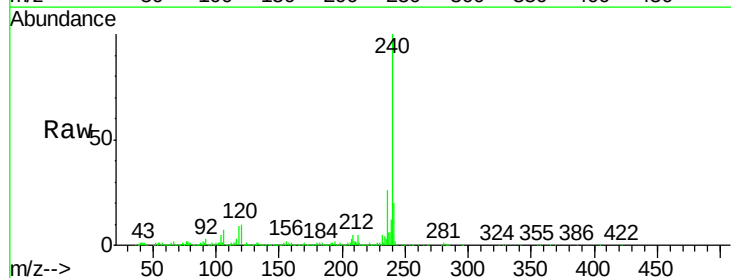
Instrument :
BNA_G
ClientSampleId :
TU012-SB-20-7.5

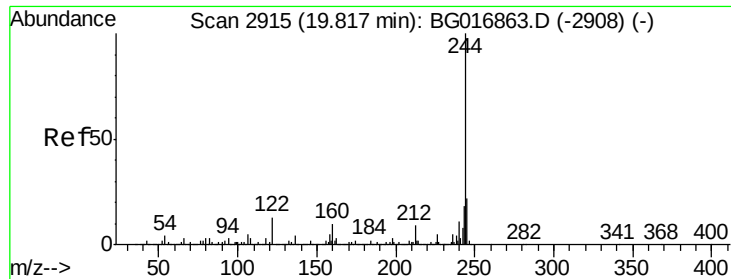
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.2	12.4
80	9.9	8.8	13.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.35 min Scan# 3176
Delta R.T. -0.02 min
Lab File: BG017021.D
Acq: 10 May 2015 12:00

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.1	13.7
236	26.4	20.2	30.4





#78

Terphenyl-d14

Concen: 71.09 ng

RT: 19.80 min Scan# 2912

Delta R.T. -0.02 min

Lab File: BG017021.D

Acq: 10 May 2015 12:00

Instrument :

BNA_G

ClientSampleId :

TU012-SB-20-7.5

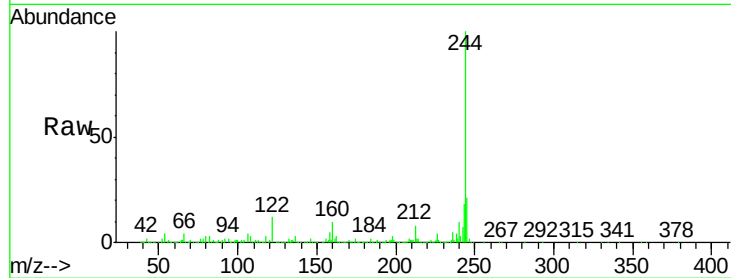
Tgt Ion:244 Resp: 1067736

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.6

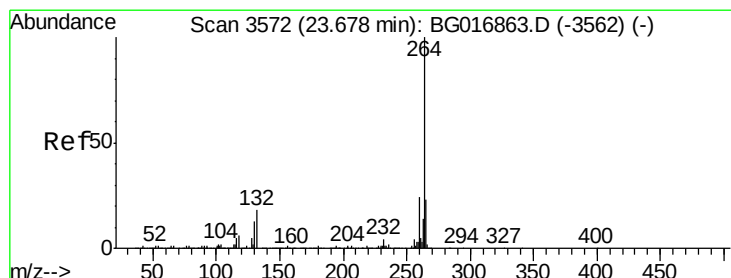
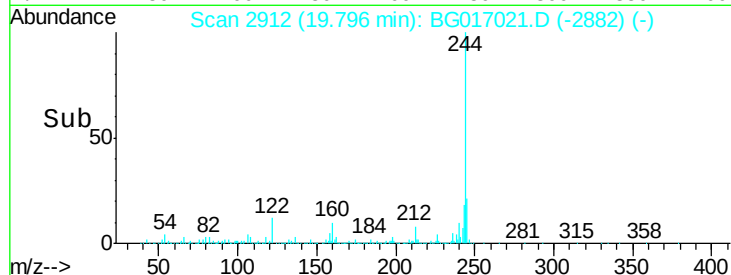
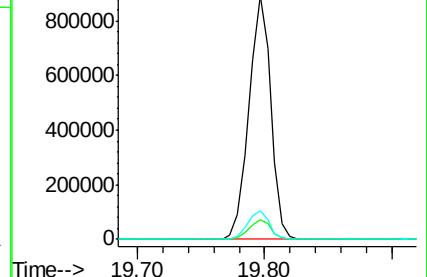
122 11.9 10.4 15.6



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: 23.64 min Scan# 3567

Delta R.T. -0.03 min

Lab File: BG017021.D

Acq: 10 May 2015 12:00

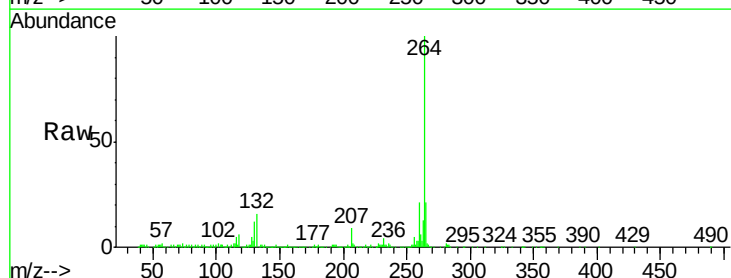
Tgt Ion:264 Resp: 348686

Ion Ratio Lower Upper

264 100

260 21.0 19.5 29.3

265 20.6 18.5 27.7



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

