

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051115\
 Data File : BG017050.D
 Acq On : 11 May 2015 13:22
 Operator : TP/IZ
 Sample : G2038-05DL2 50X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBMW-03DL2

Quant Time: May 12 04:29:02 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 04:00:00 2015
 Response via : Initial Calibration

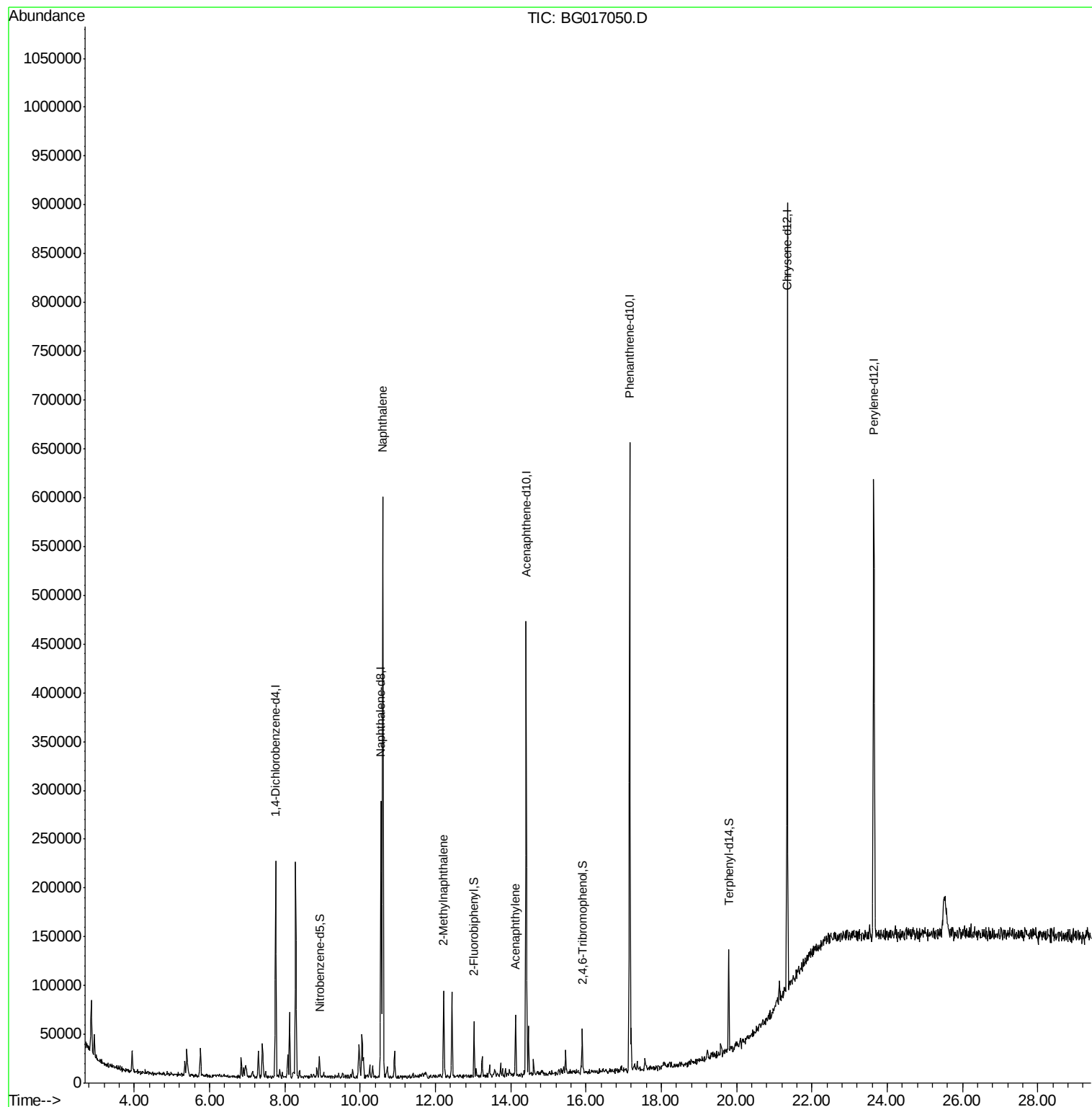
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	48905	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	213060	20.00	ng	0.00
38) Acenaphthene-d10	14.41	164	143352	20.00	ng	0.00
63) Phenanthrene-d10	17.16	188	333470	20.00	ng	0.00
75) Chrysene-d12	21.35	240	354308	20.00	ng	0.00
86) Perylene-d12	23.65	264	340210	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	5307	1.89	ng	0.00
7) Phenol-d6	6.95	99	5102	1.27	ng	0.00
23) Nitrobenzene-d5	8.92	82	11354	2.60	ng	0.00
41) 2,4,6-Tribromophenol	15.90	330	6066	4.22	ng	0.00
44) 2-Fluorobiphenyl	13.03	172	25928	2.73	ng	0.00
78) Terphenyl-d14	19.79	244	41411	2.74	ng	0.00
Target Compounds						
31) Naphthalene	10.60	128	440790	41.60	ng	99
37) 2-Methylnaphthalene	12.22	142	37578	4.66	ng	# 91
48) Acenaphthylene	14.13	152	35132	2.48	ng	95

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

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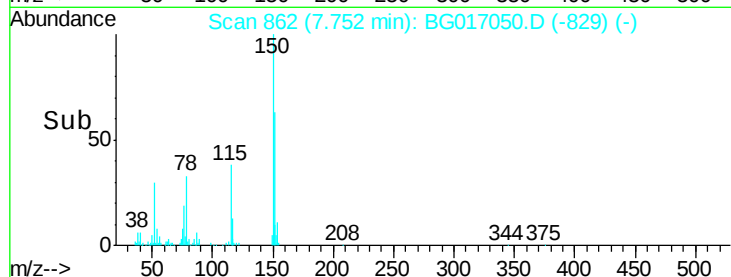
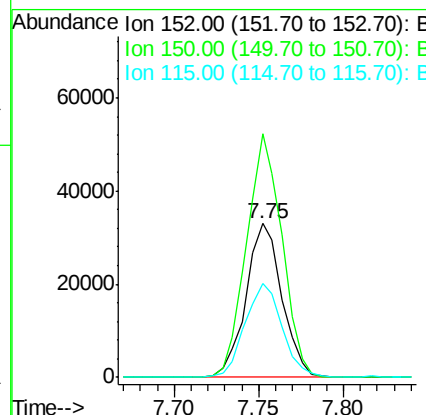
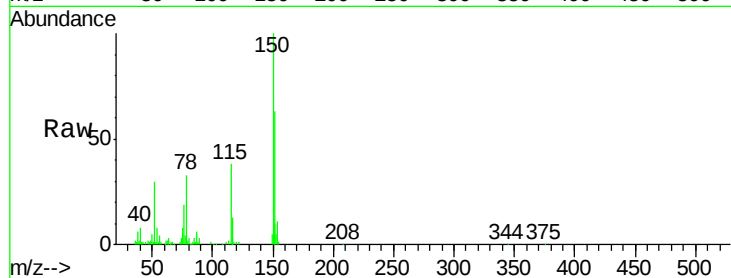


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.75 min Scan# 862
Delta R.T. -0.00 min
Lab File: BG017050.D
Acq: 11 May 2015 13:22

Instrument :
BNA_G
ClientSampleId :
DBMW-03DL2

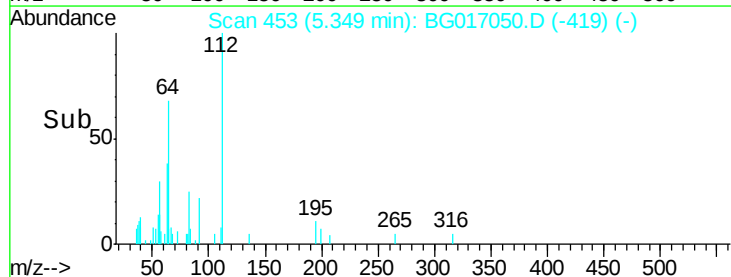
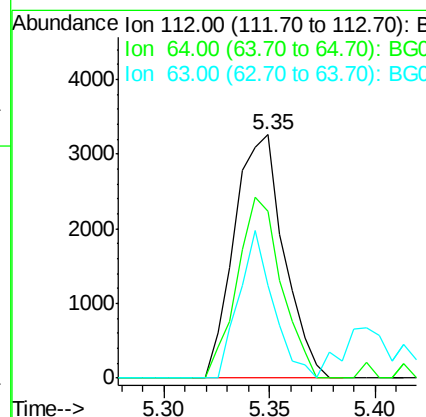
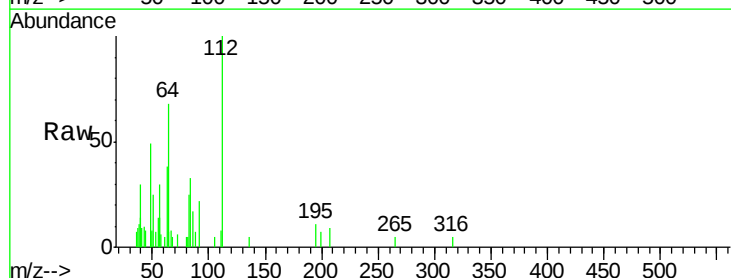
Tot Ion:152 Resp: 48905
Ion Ratio Lower Upper
152 100
150 158.7 121.0 181.4
115 61.0 50.5 75.7

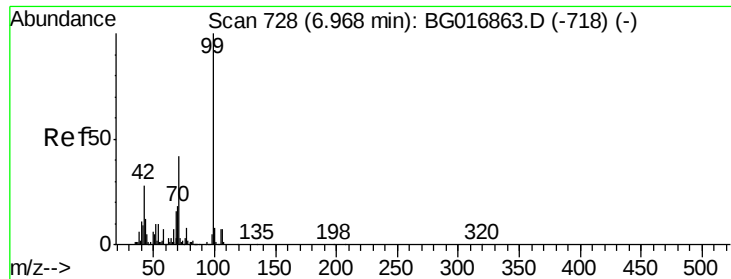


#5

2-Fluorophenol
Concen: 1.89 ng
RT: 5.35 min Scan# 453
Delta R.T. 0.00 min
Lab File: BG017050.D
Acq: 11 May 2015 13:22

Tgt Ion:112 Resp: 5307
Ion Ratio Lower Upper
112 100
64 68.3 51.4 77.2
63 37.9 28.1 42.1





#7

Phenol-d6

Concen: 1.27 ng

RT: 6.95 min Scan# 726

Delta R.T. 0.01 min

Lab File: BG017050.D

Acq: 11 May 2015 13:22

Instrument :

BNA_G

ClientSampleId :

DBMW-03DL2

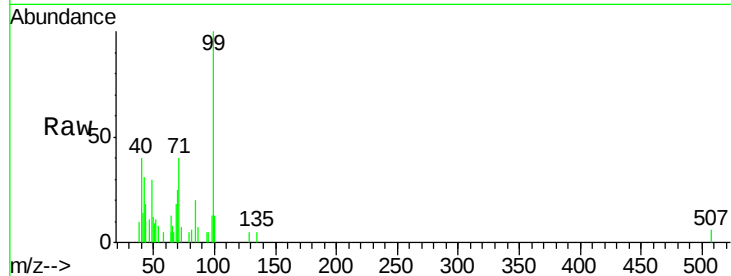
Tot Ion: 99 Resp: 5102

Ion Ratio Lower Upper

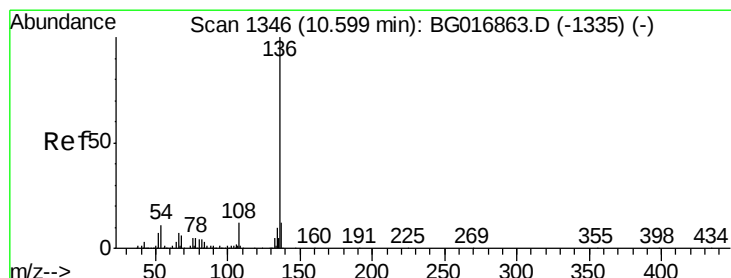
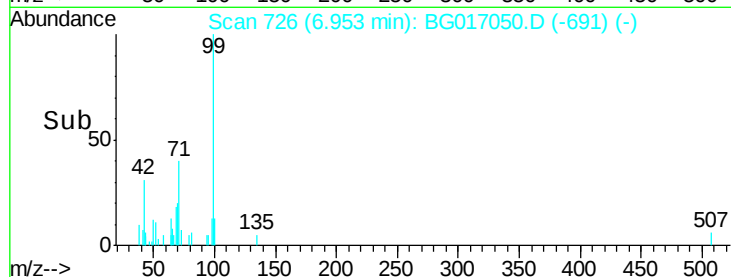
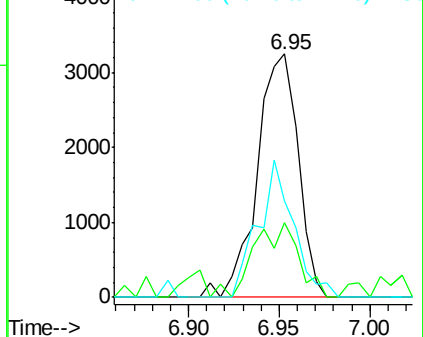
99 100

42 30.8 22.1 33.1

71 39.7 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: 10.55 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BG017050.D

Acq: 11 May 2015 13:22

Tgt Ion: 136 Resp: 213060

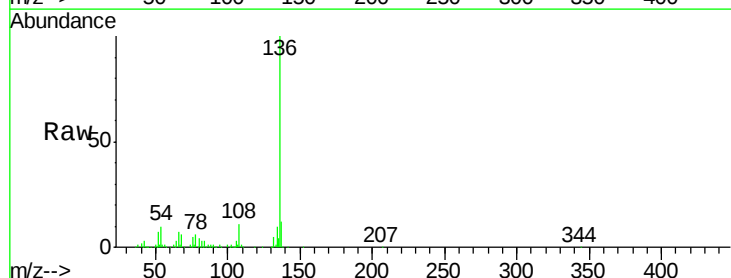
Ion Ratio Lower Upper

136 100

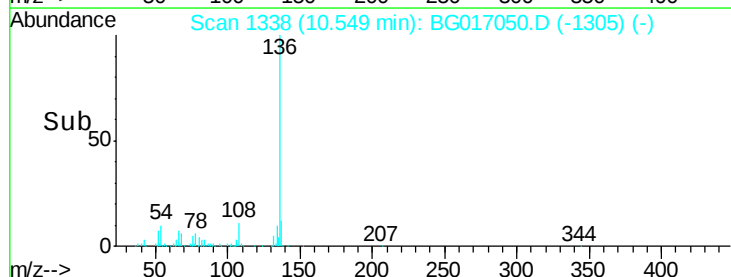
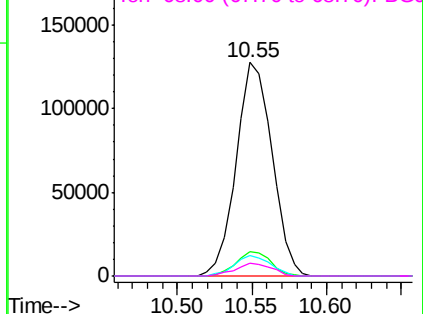
137 11.6 9.8 14.8

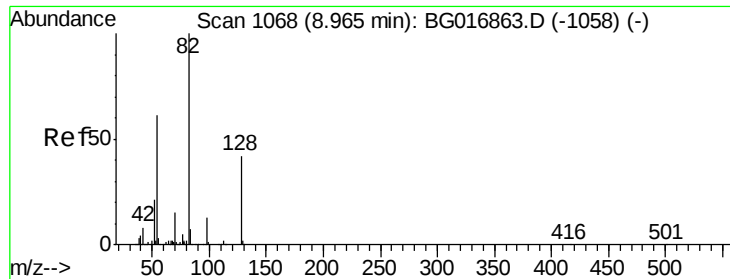
54 9.5 8.7 13.1

68 5.7 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

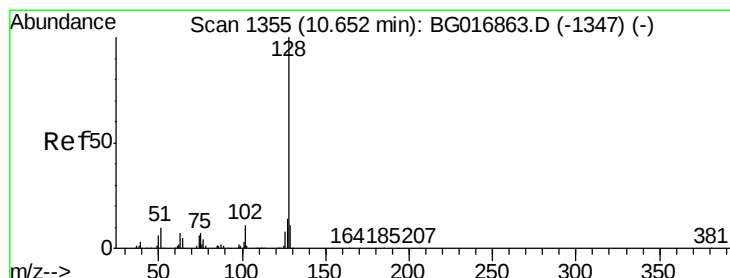
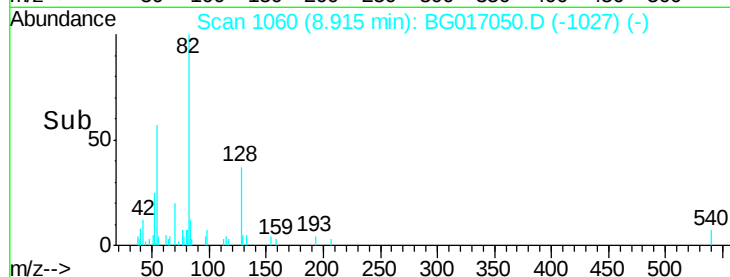
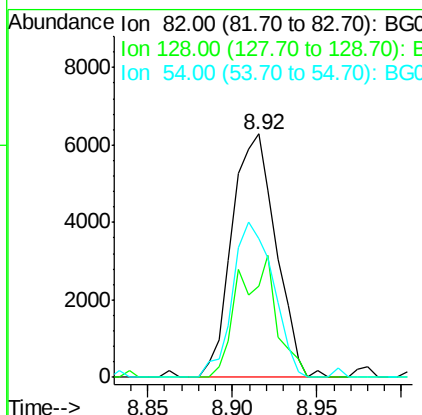
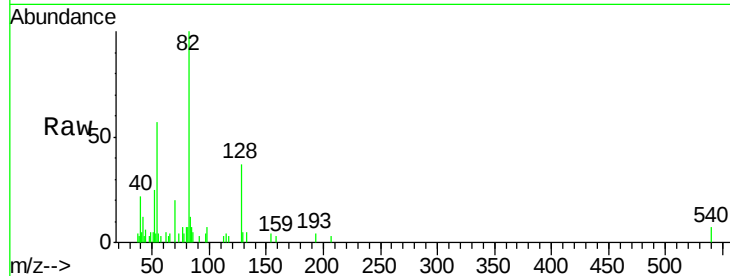




#23
Nitrobenzene-d5
Concen: 2.60 ng
RT: 8.92 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BG017050.D
Acq: 11 May 2015 13:22

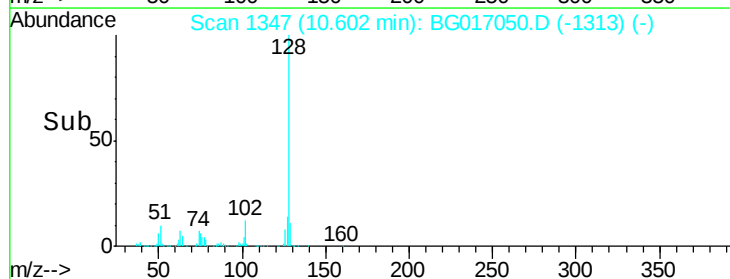
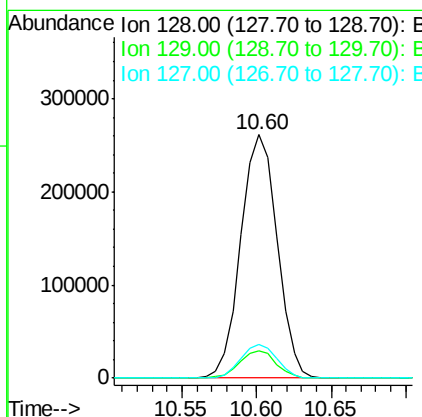
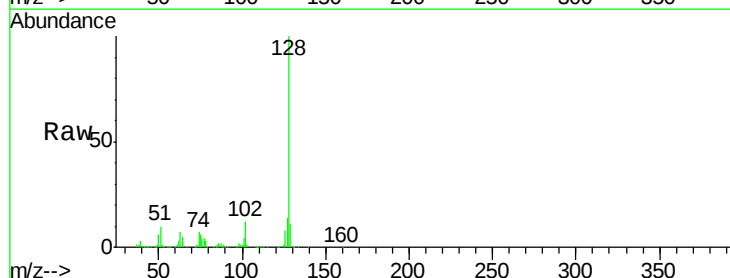
Instrument :
BNA_G
ClientSampleId :
DBMW-03DL2

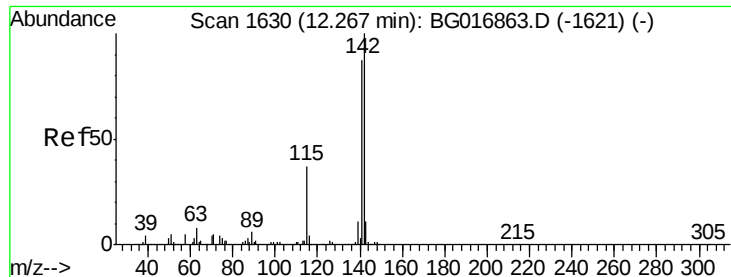
Tot Ion	82	Resp	11354
Ion Ratio	Lower	Upper	
82	100		
128	37.2	33.2	49.8
54	57.1	48.6	72.8



#31
Naphthalene
Concen: 41.60 ng
RT: 10.60 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BG017050.D
Acq: 11 May 2015 13:22

Tgt Ion	128	Resp	440790
Ion Ratio	Lower	Upper	
128	100		
129	11.1	9.1	13.7
127	13.8	10.9	16.3

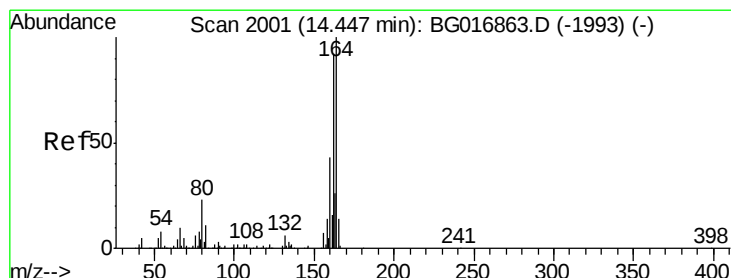
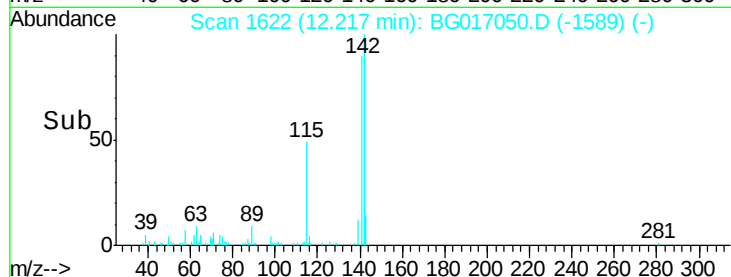
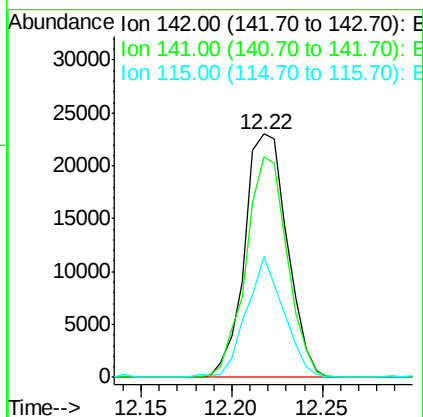
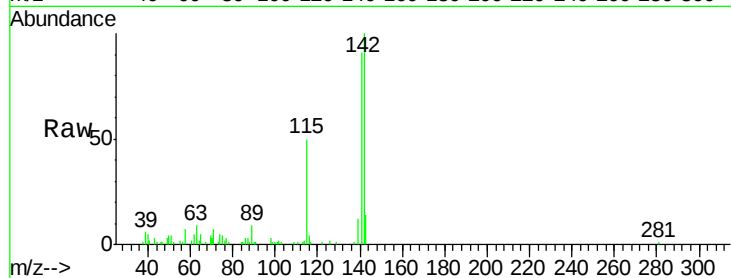




#37
2-Methylnaphthalene
Concen: 4.66 ng
RT: 12.22 min Scan# 1622
Delta R.T. -0.00 min
Lab File: BG017050.D
Acq: 11 May 2015 13:22

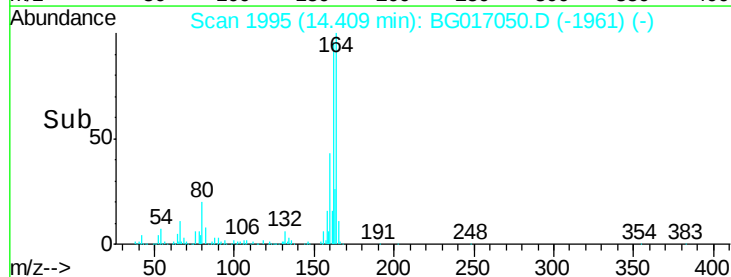
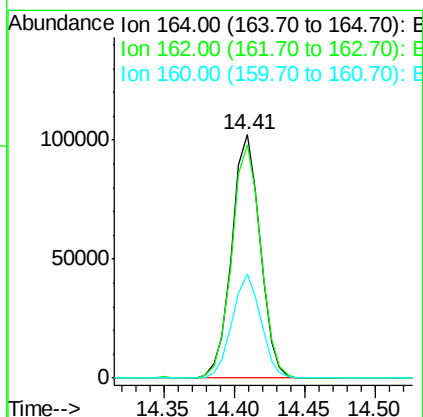
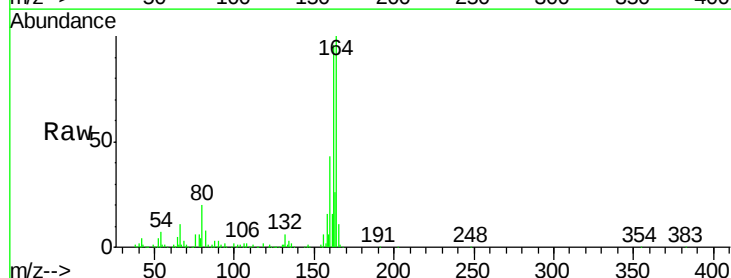
Instrument :
BNA_G
ClientSampleId :
DBMW-03DL2

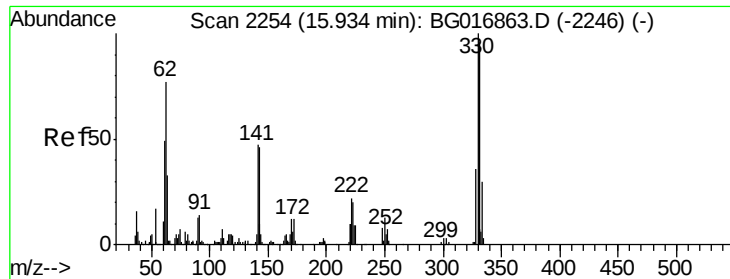
Tot Ion:142 Resp: 37578
Ion Ratio Lower Upper
142 100
141 90.8 69.9 104.9
115 49.6 29.8 44.8#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.41 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BG017050.D
Acq: 11 May 2015 13:22

Tgt Ion:164 Resp: 143352
Ion Ratio Lower Upper
164 100
162 96.1 74.0 111.0
160 42.5 34.7 52.1

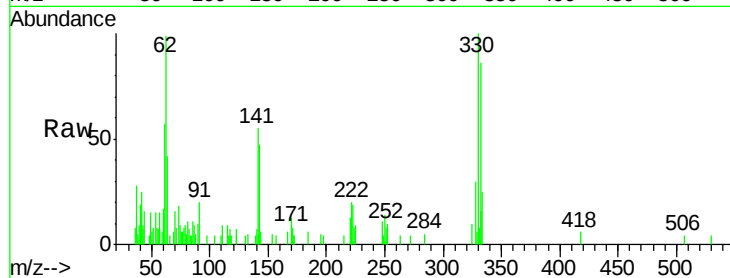




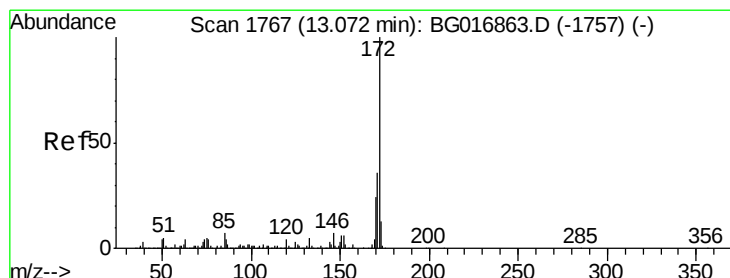
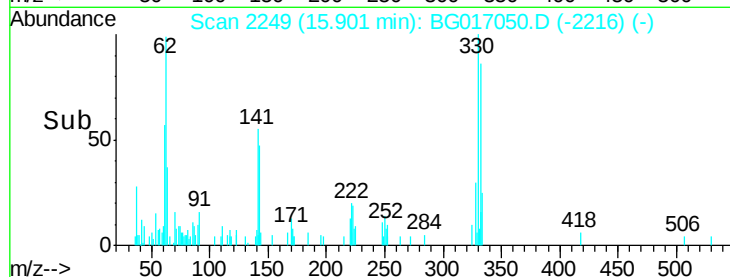
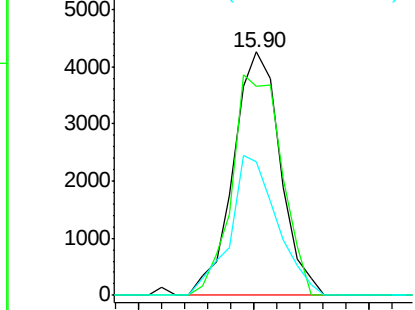
#41
 2,4,6-Tribromophenol
 Concen: 4.22 ng
 RT: 15.90 min Scan# 2249
 Delta R.T. -0.00 min
 Lab File: BG017050.D
 Acq: 11 May 2015 13:22

Instrument :
 BNA_G
 ClientSampleId :
 DBMW-03DL2

Tot Ion:330 Resp: 6066
 Ion Ratio Lower Upper
 330 100
 332 95.3 0.0 0.0#
 141 57.2 0.0 0.0#

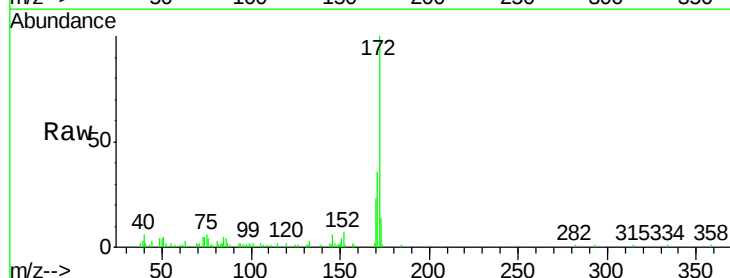


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

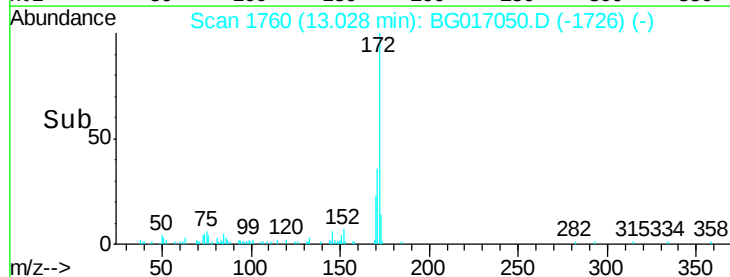
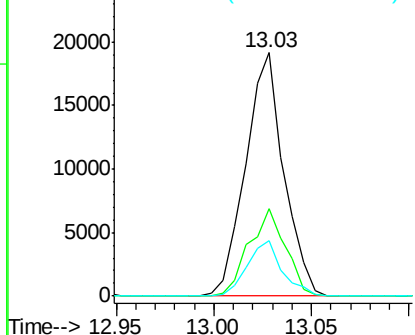


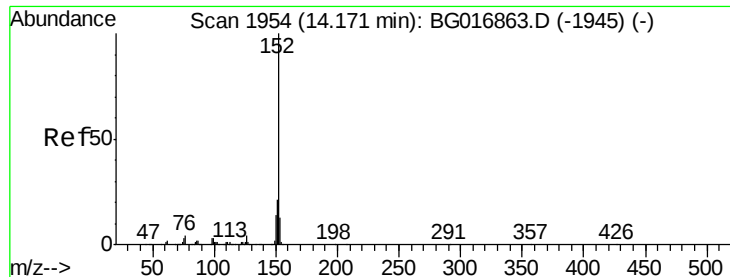
#44
 2-Fluorobiphenyl
 Concen: 2.73 ng
 RT: 13.03 min Scan# 1760
 Delta R.T. 0.00 min
 Lab File: BG017050.D
 Acq: 11 May 2015 13:22

Tgt Ion:172 Resp: 25928
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.4
 170 22.6 19.0 28.4



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





#48

Acenaphthylene

Concen: 2.48 ng

RT: 14.13 min Scan# 1947

Delta R.T. -0.00 min

Lab File: BG017050.D

Acq: 11 May 2015 13:22

Instrument :

BNA_G

ClientSampleId :

DBMW-03DL2

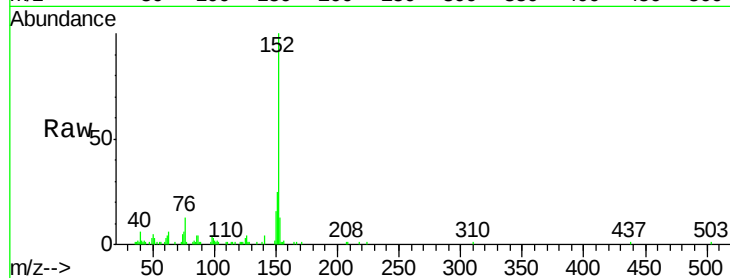
Tot Ion:152 Resp: 35132

Ion Ratio Lower Upper

152 100

151 24.6 17.0 25.4

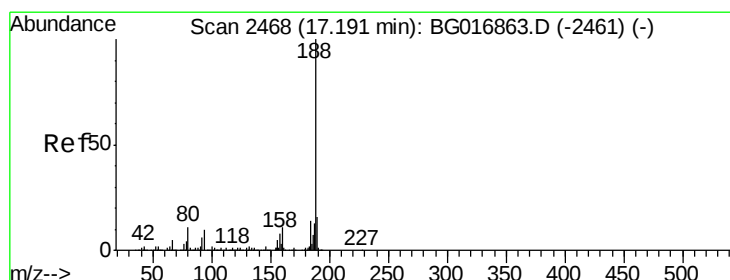
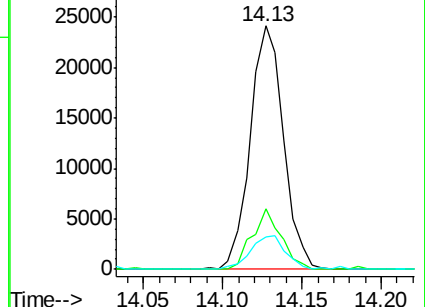
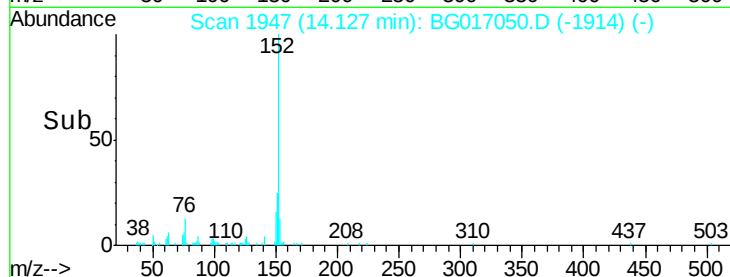
153 13.4 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.16 min Scan# 2463

Delta R.T. 0.00 min

Lab File: BG017050.D

Acq: 11 May 2015 13:22

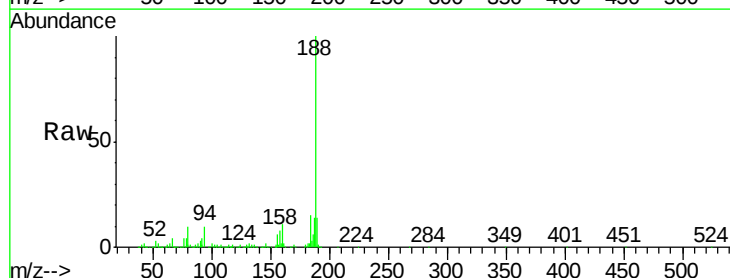
Tgt Ion:188 Resp: 333470

Ion Ratio Lower Upper

188 100

94 9.8 8.2 12.4

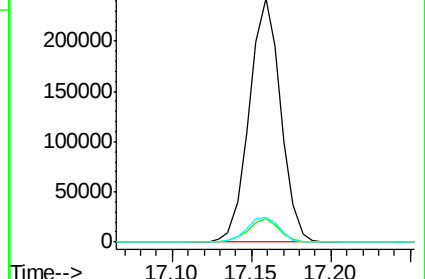
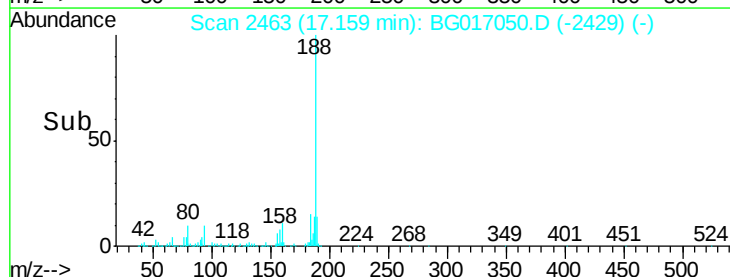
80 10.3 8.8 13.2

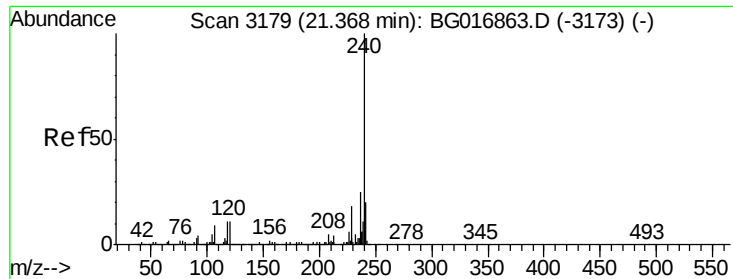


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.35 min Scan# 3176

Delta R.T. 0.01 min

Lab File: BG017050.D

Acq: 11 May 2015 13:22

Instrument :

BNA_G

ClientSampleId :

DBMW-03DL2

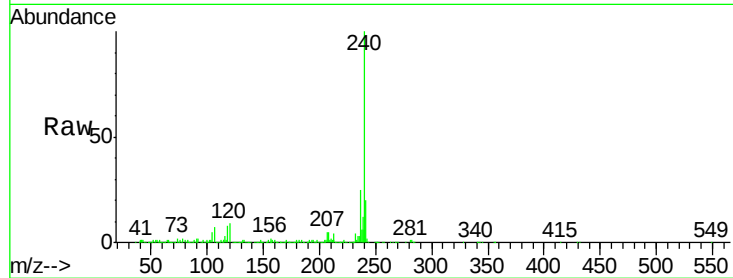
Tot Ion:240 Resp: 354308

Ion Ratio Lower Upper

240 100

120 8.5 9.1 13.7#

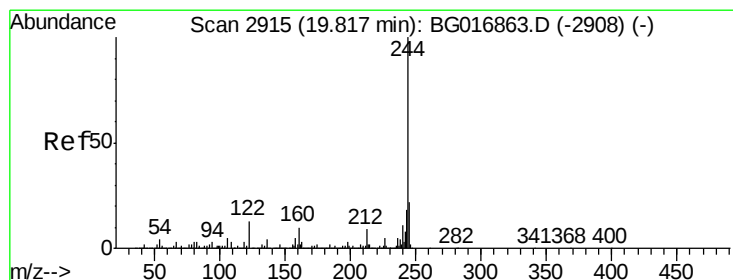
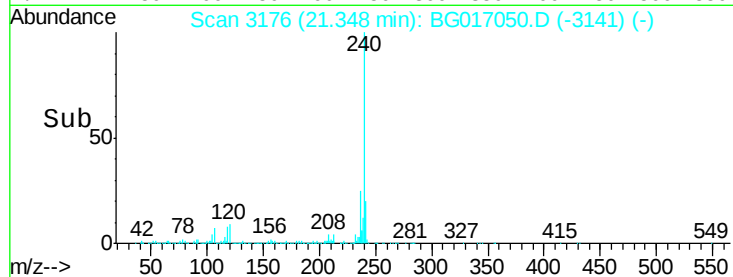
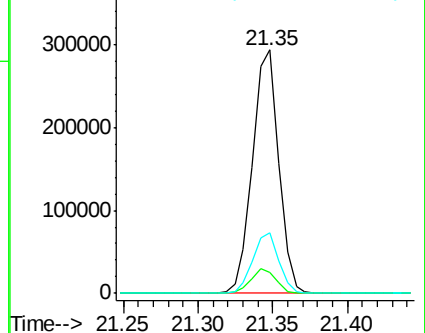
236 24.7 20.2 30.4



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: 2.74 ng

RT: 19.79 min Scan# 2911

Delta R.T. 0.00 min

Lab File: BG017050.D

Acq: 11 May 2015 13:22

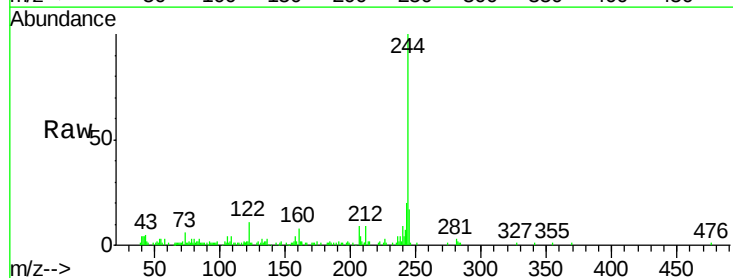
Tgt Ion:244 Resp: 41411

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.6

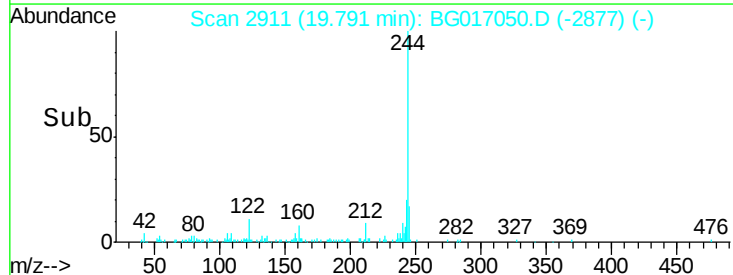
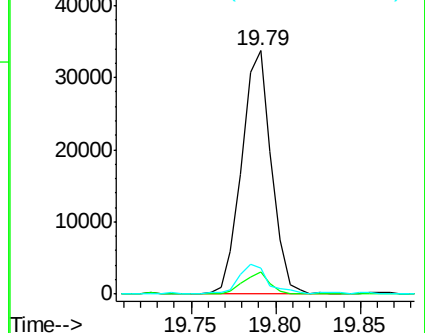
122 10.7 10.4 15.6

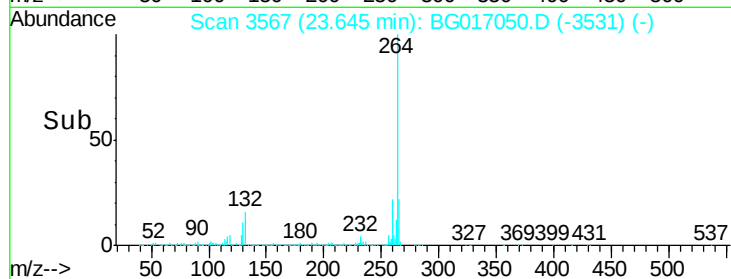
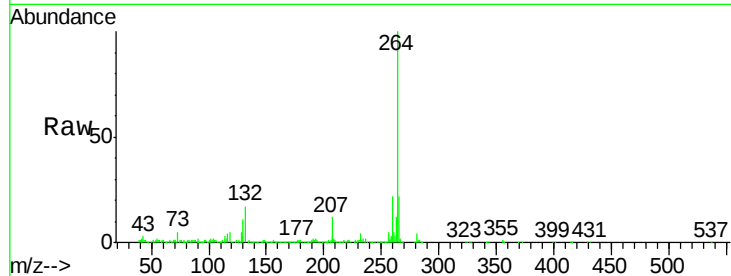
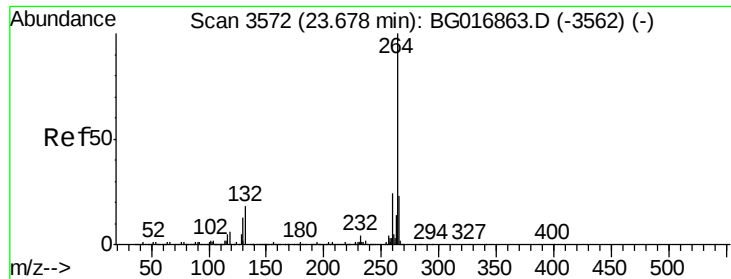


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 23.65 min Scan# 3567

Delta R.T. 0.01 min

Lab File: BG017050.D

Acq: 11 May 2015 13:22

Instrument :

BNA_G

ClientSampleId :

DBMW-03DL2

Tot Ion:264 Resp: 340210

Ion Ratio Lower Upper

264 100

260 22.0 19.5 29.3

265 22.0 18.5 27.7

