

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
 Data File : BG030563.D
 Acq On : 29 Oct 2017 16:02
 Operator : SJ/JU
 Sample : I6171-06
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 30 08:01:13 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

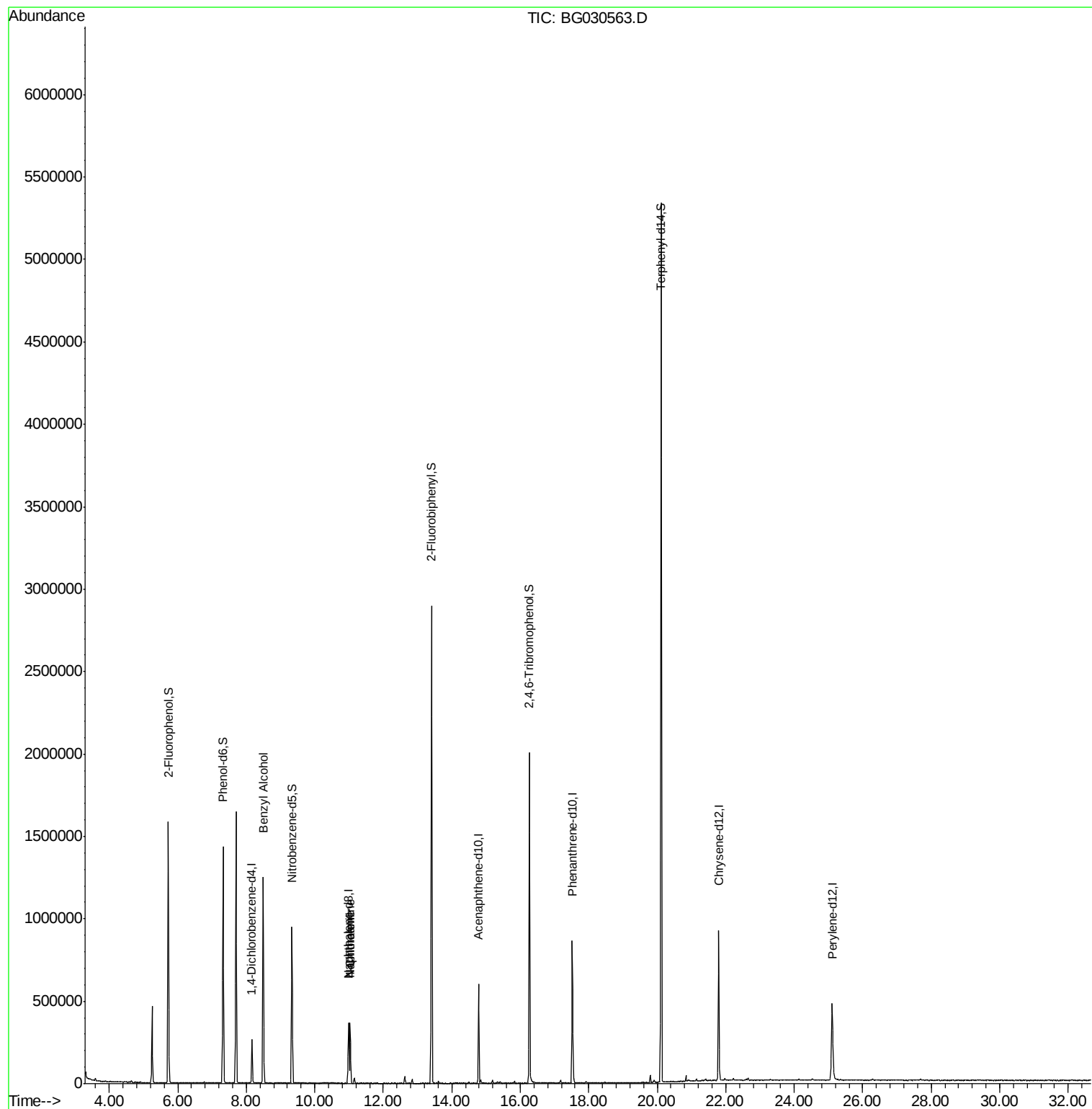
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	76441	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	327290	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	218369	20.00	ng	-0.01
63) Phenanthrene-d10	17.52	188	539452	20.00	ng	-0.01
75) Chrysene-d12	21.80	240	584304	20.00	ng	0.00
86) Perylene-d12	25.11	264	578640	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	715023	156.26	ng	0.00
7) Phenol-d6	7.32	99	891506	138.80	ng	0.00
23) Nitrobenzene-d5	9.33	82	582407	113.08	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	414790	147.12	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1520238	102.11	ng	0.00
78) Terphenyl-d14	20.11	244	2391622	93.12	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.49	79	9468	2.092	ng	Qvalue # 44
31) Naphthalene	11.03	128	316722	19.417	ng	97
33) 4-Chloroaniline	11.03	127	41602	6.063	ng	# 27

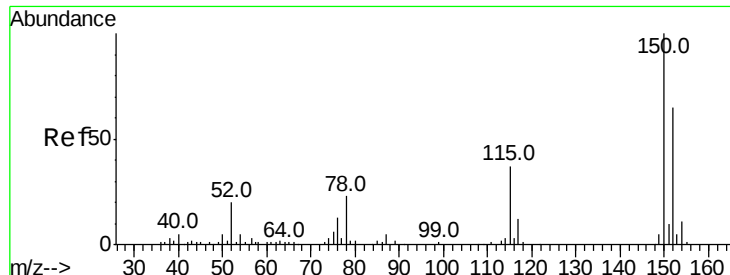
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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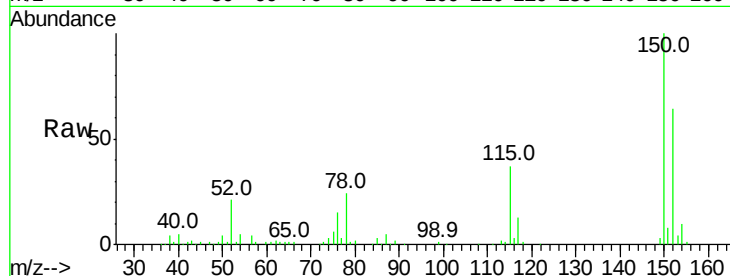


#1

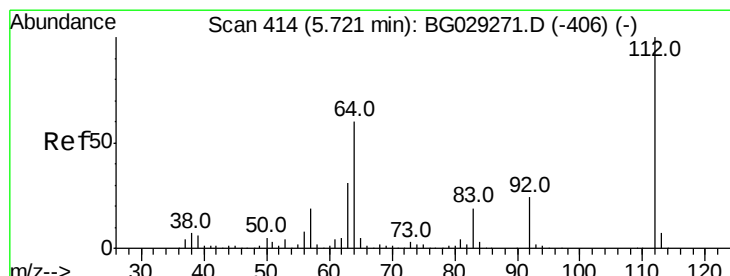
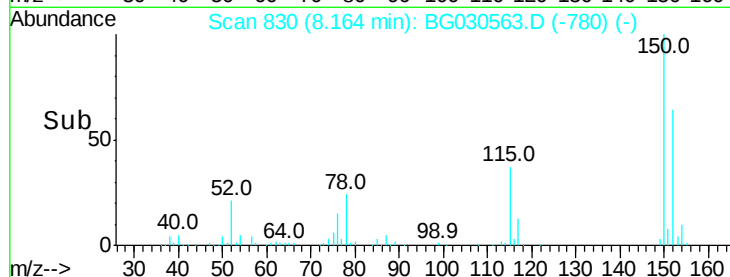
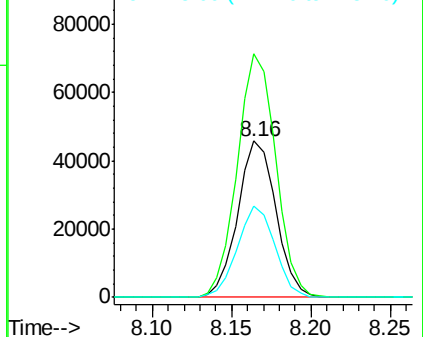
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG030563.D
Acq: 29 Oct 2017 16:02

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 76441
Ion Ratio Lower Upper
152 100
150 156.0 126.6 189.8
115 58.2 53.0 79.4



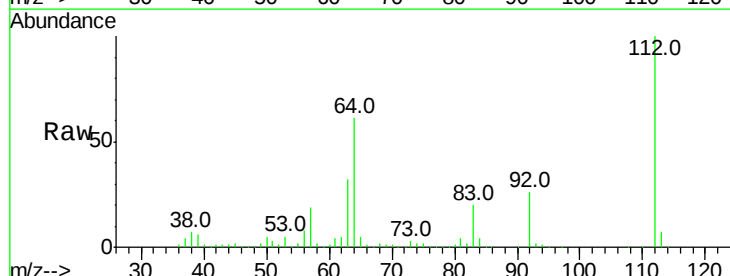
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



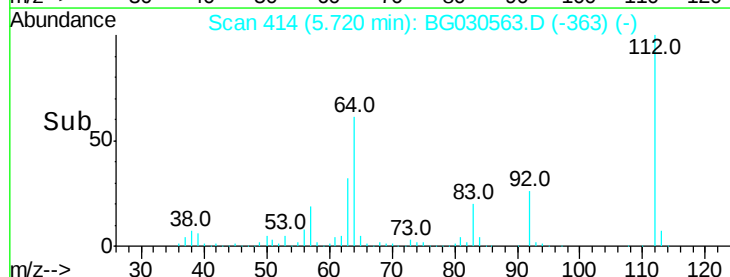
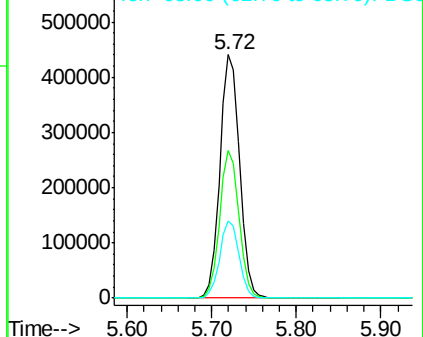
#5

2-Fluorophenol
Concen: 156.262 ng
RT: 5.72 min Scan# 414
Delta R.T. -0.00 min
Lab File: BG030563.D
Acq: 29 Oct 2017 16:02

Tgt Ion:112 Resp: 715023
Ion Ratio Lower Upper
112 100
64 60.5 56.3 84.5
63 31.8 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: 138.802 ng

RT: 7.32 min Scan# 687

Delta R.T. -0.00 min

Lab File: BG030563.D

Acq: 29 Oct 2017 16:02

Instrument :

BNA_G

ClientSampleId :

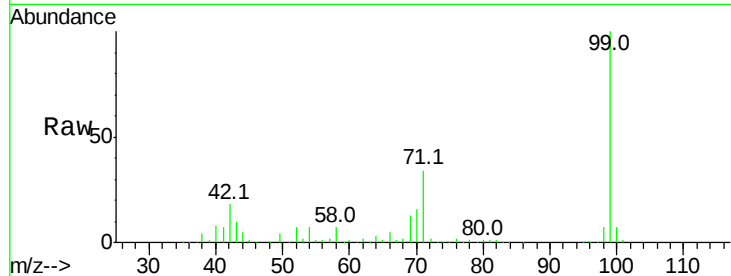
Tot Ion: 99 Resp: 891506

Ion Ratio Lower Upper

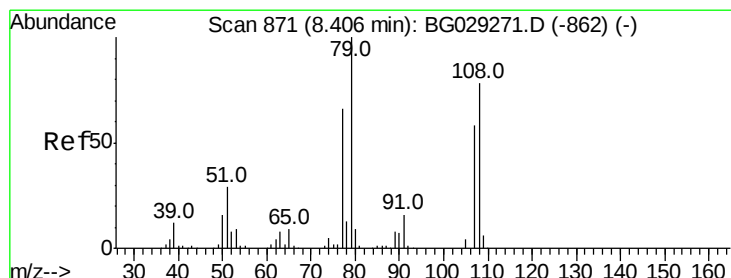
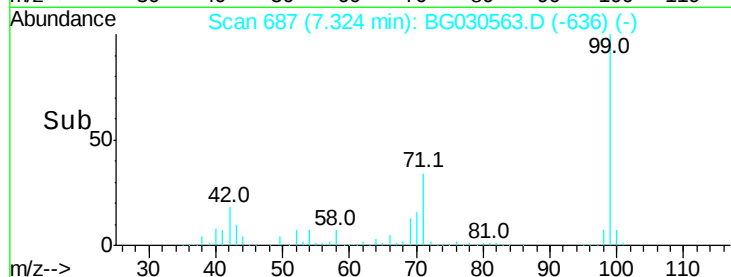
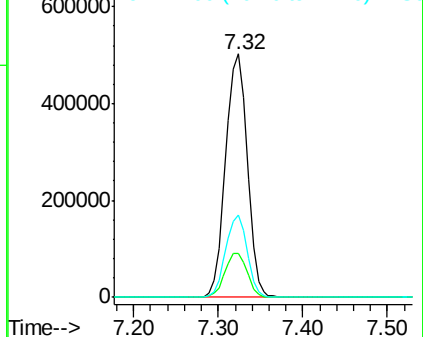
99 100

42 18.3 14.1 21.1

71 33.6 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: 2.092 ng

RT: 8.49 min Scan# 886

Delta R.T. 0.09 min

Lab File: BG030563.D

Acq: 29 Oct 2017 16:02

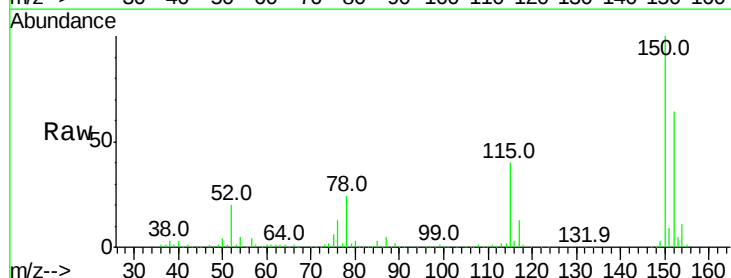
Tgt Ion: 79 Resp: 9468

Ion Ratio Lower Upper

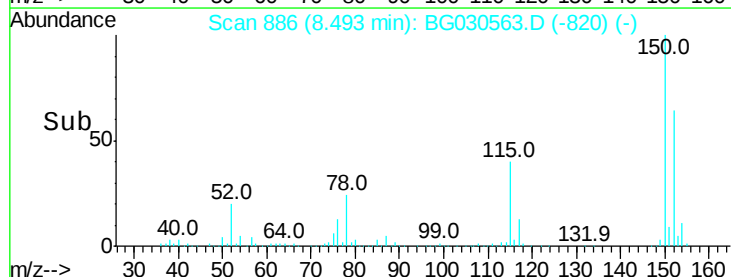
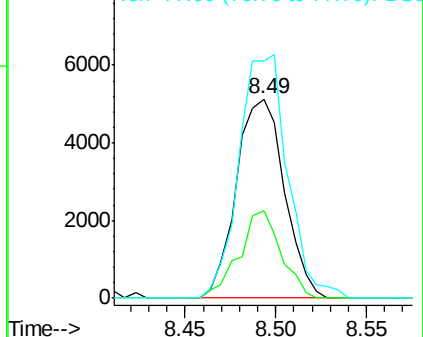
79 100

108 43.7 57.2 85.8#

77 119.0 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

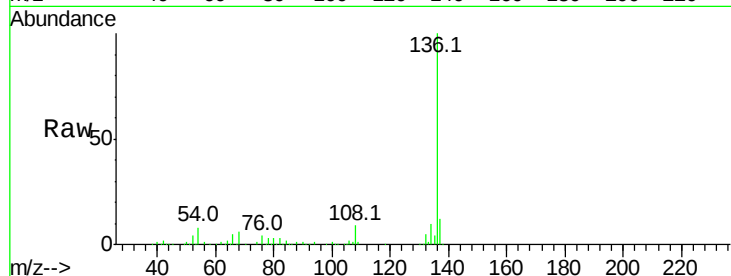




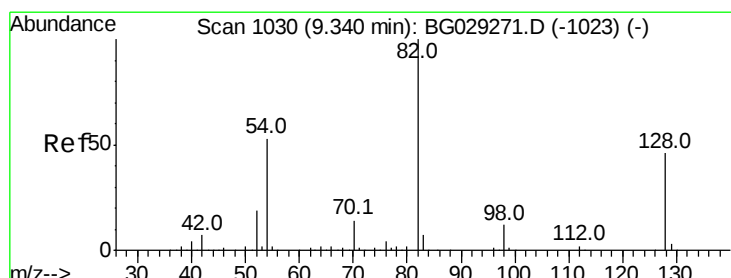
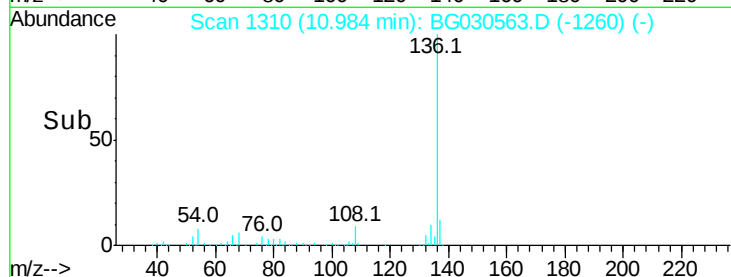
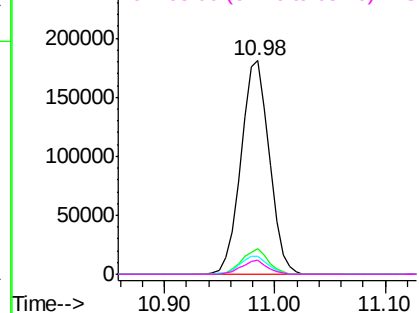
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG030563.D
Acq: 29 Oct 2017 16:02

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	327290
Ion	Ratio	Lower Upper
136	100	
137	12.0	9.2 13.8
54	8.3	10.3 15.5#
68	6.4	4.5 6.7

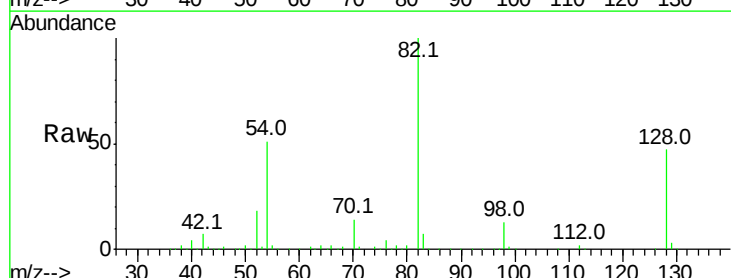


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

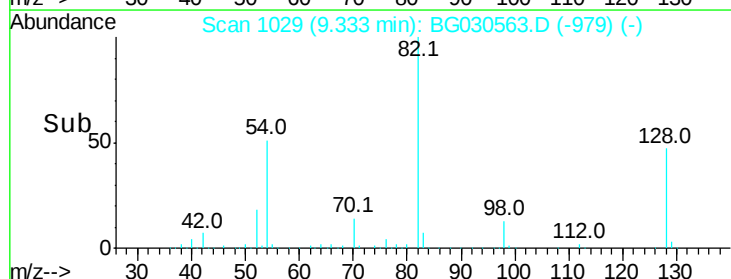
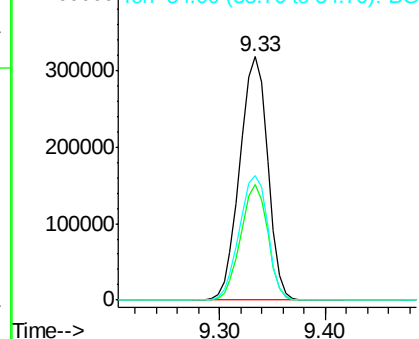


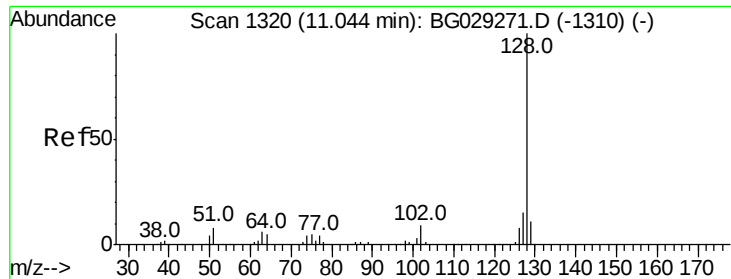
#23
Nitrobenzene-d5
Concen: 113.081 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG030563.D
Acq: 29 Oct 2017 16:02

Tgt Ion: 82	Resp:	582407
Ion	Ratio	Lower Upper
82	100	
128	47.4	29.7 44.5#
54	51.4	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

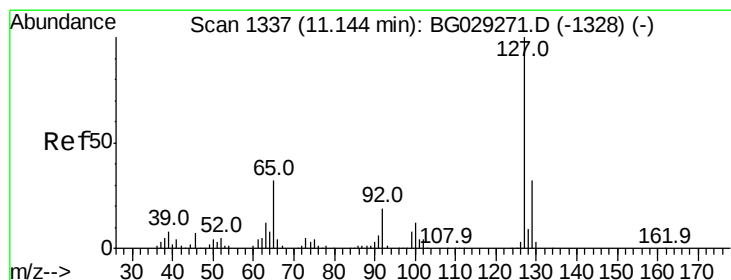
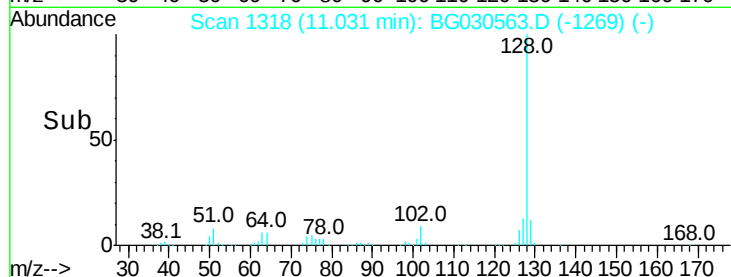
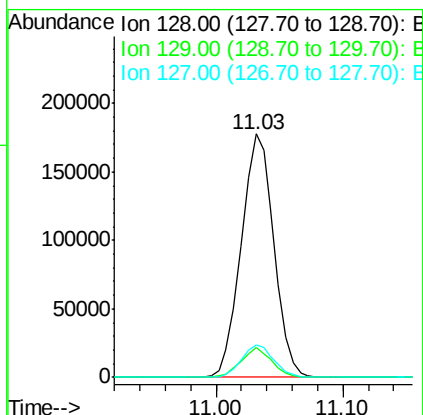
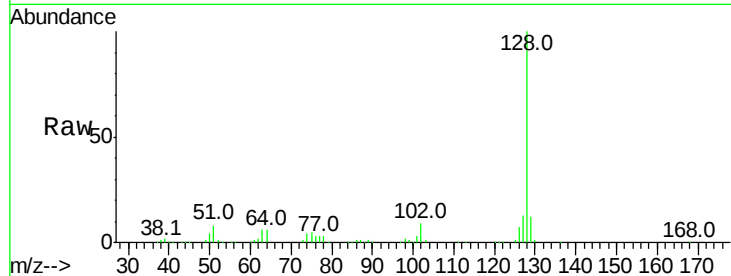




#31
Naphthalene
Concen: 19.417 ng
RT: 11.03 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG030563.D
Acq: 29 Oct 2017 16:02

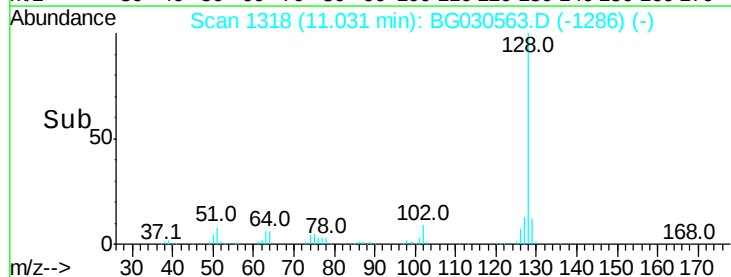
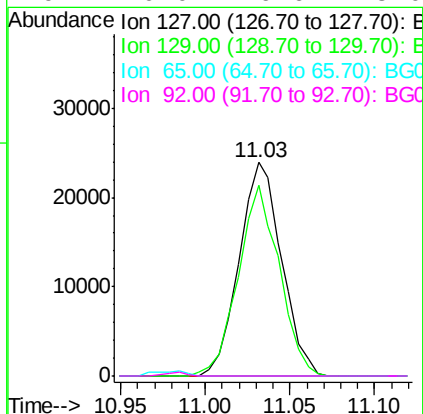
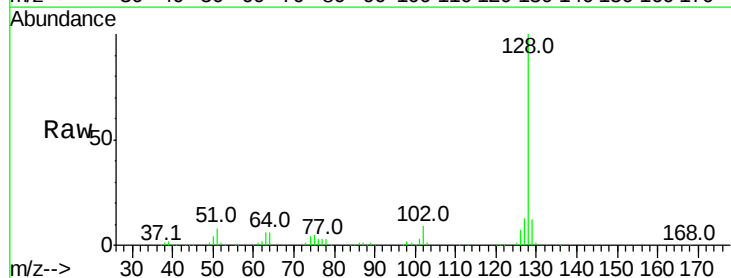
Instrument :
BNA_G
ClientSampleId :

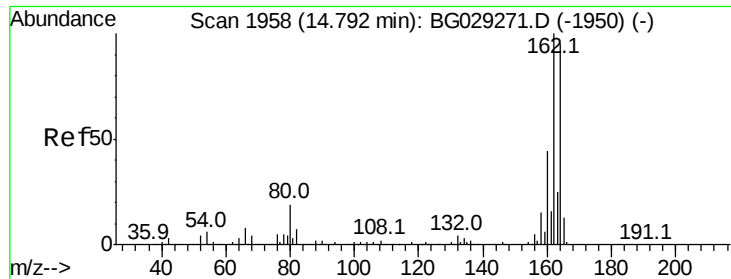
Tot Ion:128 Resp: 316722
Ion Ratio Lower Upper
128 100
129 12.0 8.6 12.8
127 13.5 11.6 17.4



#33
4-Chloroaniline
Concen: 6.063 ng
RT: 11.03 min Scan# 1318
Delta R.T. -0.11 min
Lab File: BG030563.D
Acq: 29 Oct 2017 16:02

Tgt Ion:127 Resp: 41602
Ion Ratio Lower Upper
127 100
129 89.4 24.0 36.0#
65 0.0 27.0 40.4#
92 0.0 16.6 25.0#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG030563.D

Acq: 29 Oct 2017 16:02

Instrument :

BNA_G

ClientSampleId :

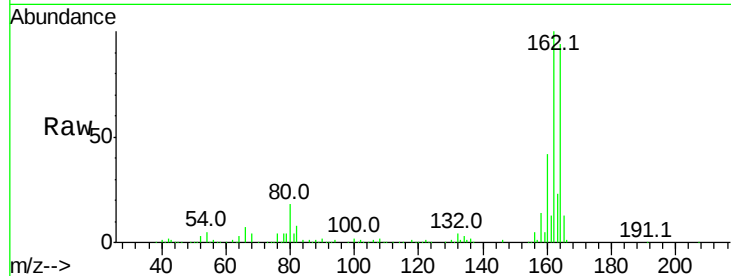
Tot Ion:164 Resp: 218369

Ion Ratio Lower Upper

164 100

162 106.9 78.8 118.2

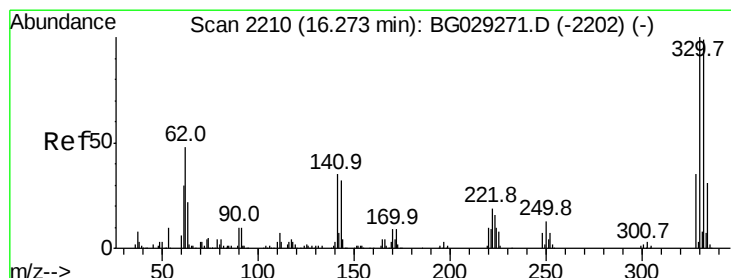
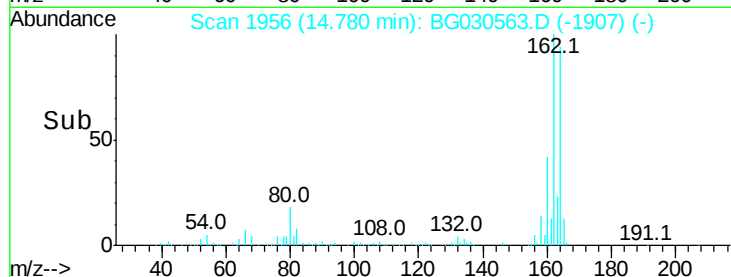
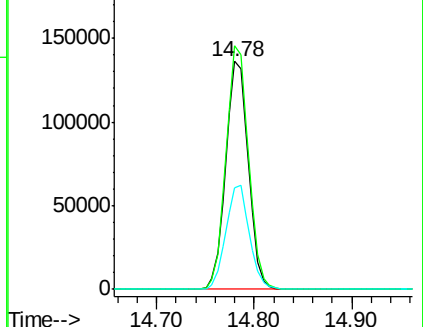
160 44.8 35.4 53.0



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: 147.122 ng

RT: 16.27 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BG030563.D

Acq: 29 Oct 2017 16:02

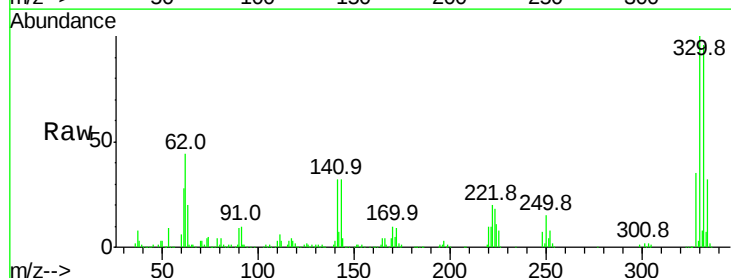
Tgt Ion:330 Resp: 414790

Ion Ratio Lower Upper

330 100

332 97.5 77.0 115.6

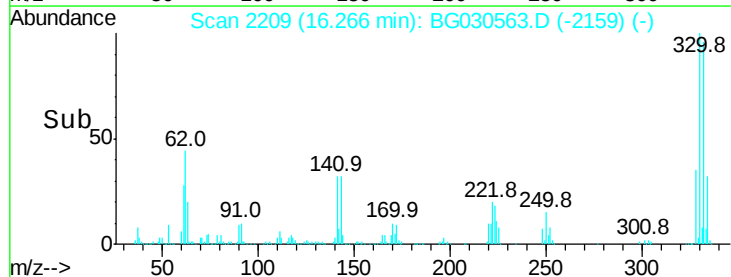
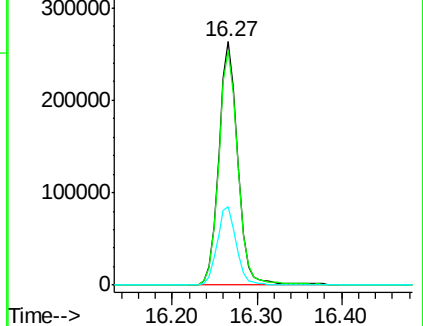
141 32.9 25.2 37.8

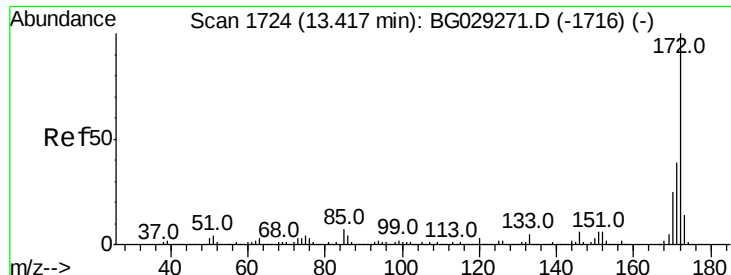


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



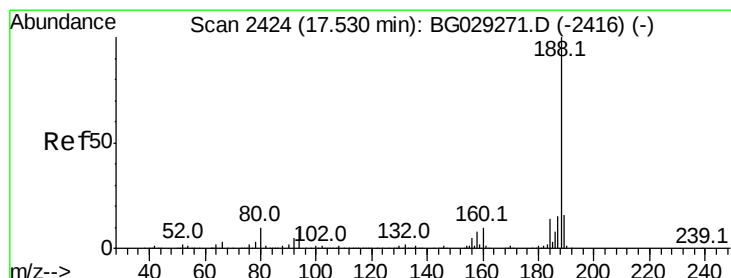
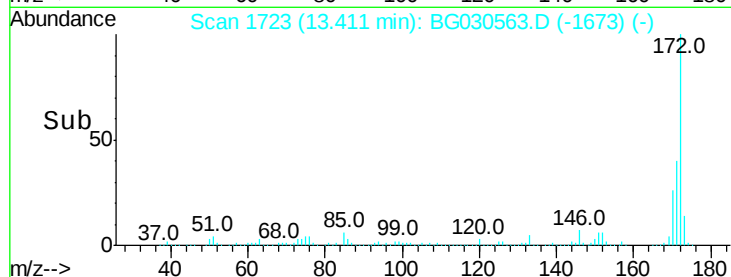
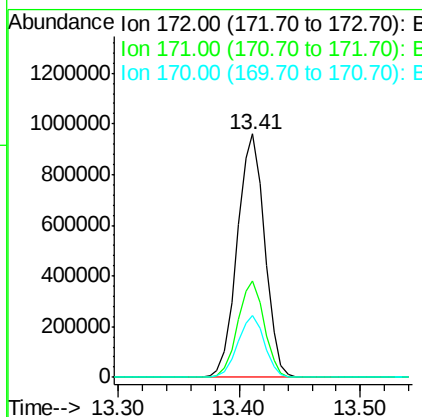
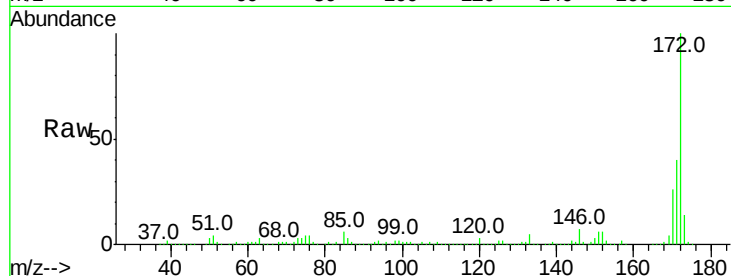


#44
 2-Fluorobiphenyl
 Concen: 102.105 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG030563.D
 Acq: 29 Oct 2017 16:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1520238

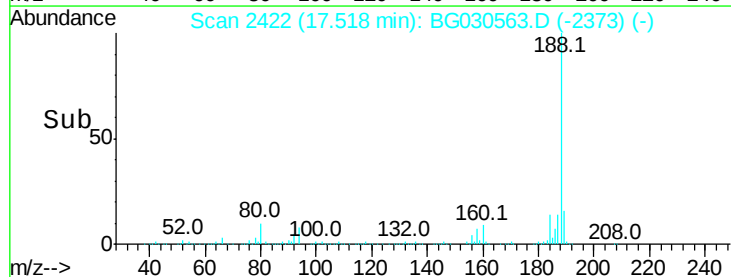
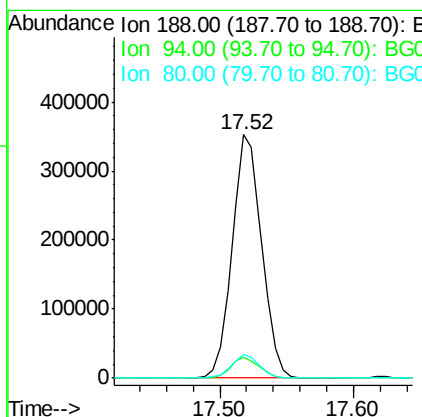
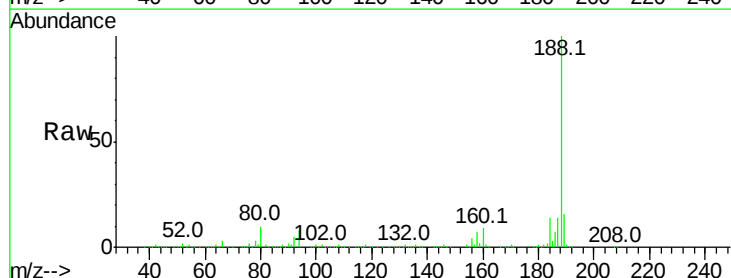
Ion	Ratio	Lower	Upper
172	100		
171	39.5	30.0	45.0
170	25.7	19.5	29.3

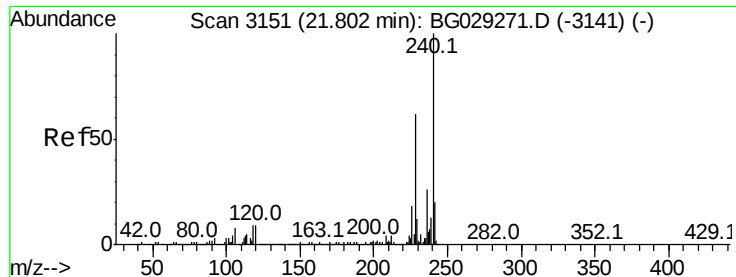


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG030563.D
 Acq: 29 Oct 2017 16:02

Tgt Ion:188 Resp: 539452

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.9	10.3
80	9.6	7.7	11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG030563.D

Acq: 29 Oct 2017 16:02

Instrument :

BNA_G

ClientSampleId :

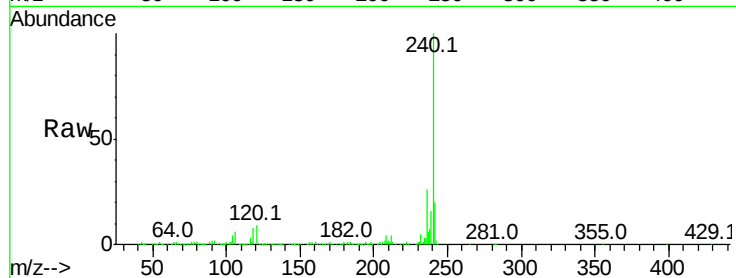
Tot Ion:240 Resp: 584304

Ion Ratio Lower Upper

240 100

120 9.1 6.8 10.2

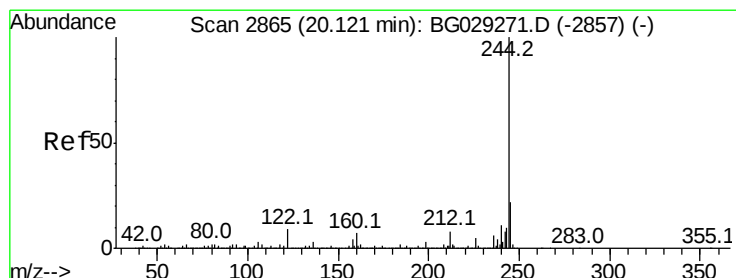
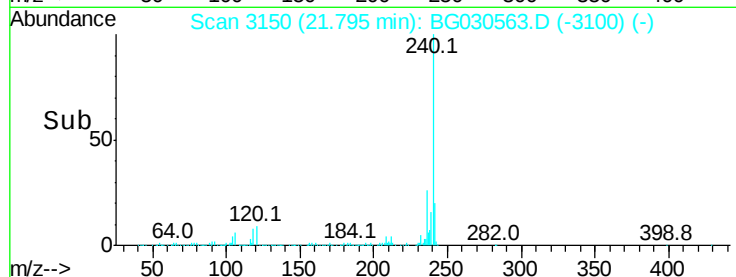
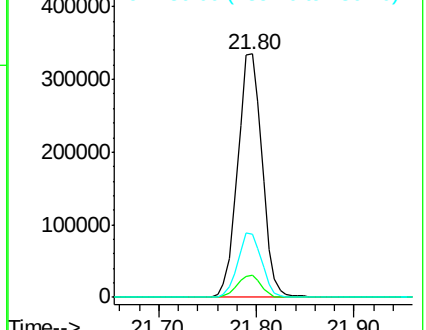
236 26.1 20.9 31.3



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



#78

Terphenyl-d14

Concen: 93.115 ng

RT: 20.11 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BG030563.D

Acq: 29 Oct 2017 16:02

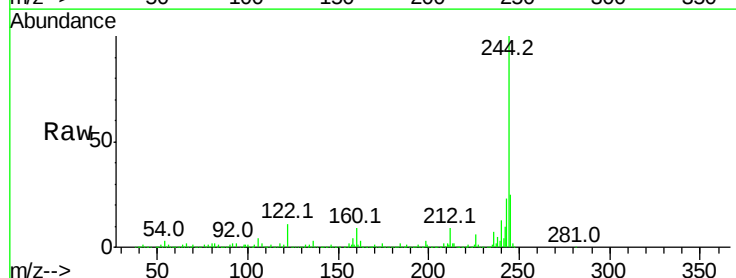
Tgt Ion:244 Resp: 2391622

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

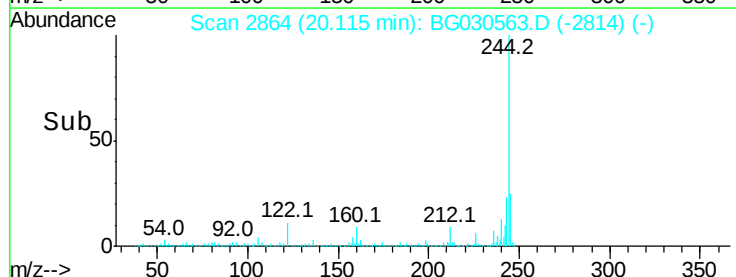
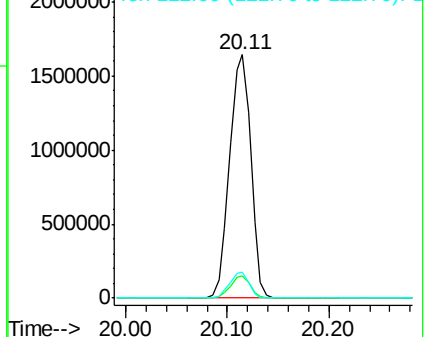
122 10.6 7.0 10.4#

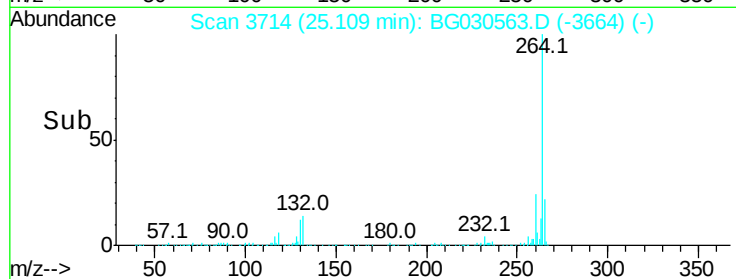
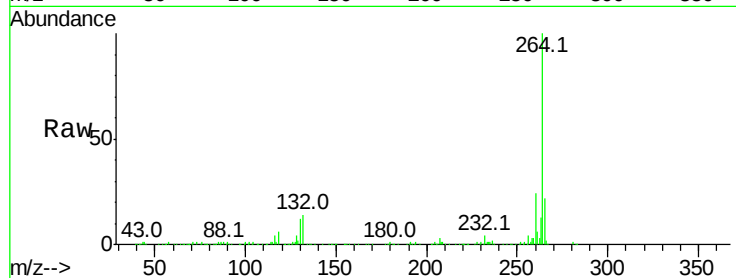
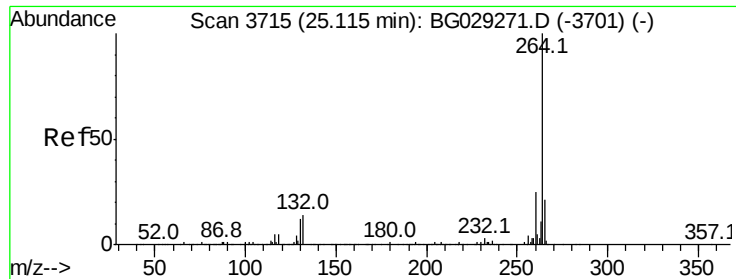


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3714
Delta R.T. -0.01 min
Lab File: BG030563.D
Acq: 29 Oct 2017 16:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	21.9	17.7	26.5

