

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070717\
 Data File : BG027877.D
 Acq On : 7 Jul 2017 20:38
 Operator : SJ/JU
 Sample : I4063-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 08 02:12:56 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 17:43:21 2017
 Response via : Initial Calibration

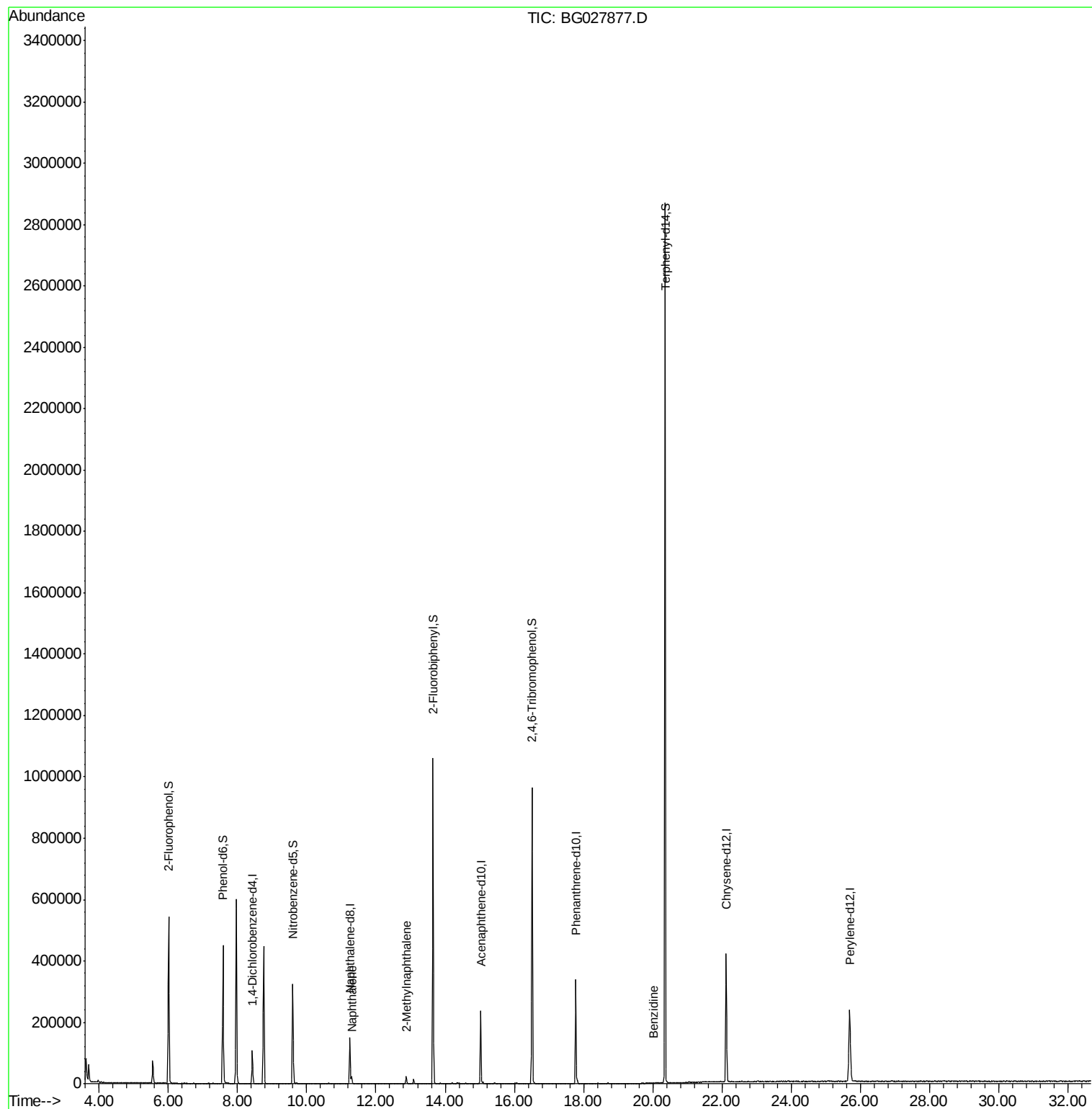
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	34914	20.00	ng	0.00
21) Naphthalene-d8	11.25	136	153574	20.00	ng	0.00
38) Acenaphthene-d10	15.03	164	84714	20.00	ng	0.00
63) Phenanthrene-d10	17.78	188	224636	20.00	ng	0.00
75) Chrysene-d12	22.13	240	282092	20.00	ng	0.00
86) Perylene-d12	25.69	264	268688	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.01	112	305854	134.90	ng	0.00
7) Phenol-d6	7.58	99	365534	105.53	ng	0.00
23) Nitrobenzene-d5	9.59	82	238031	86.40	ng	0.00
41) 2,4,6-Tribromophenol	16.51	330	223646	192.48	ng	0.00
44) 2-Fluorobiphenyl	13.65	172	611784	103.14	ng	0.00
78) Terphenyl-d14	20.36	244	1301034	108.12	ng	0.00
Target Compounds						
31) Naphthalene	11.30	128	23410	2.87	ng	99
37) 2-Methylnaphthalene	12.88	142	13909	2.29	ng	# 90
76) Benzidine	20.01	184	114	3.23	ng	# 64

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

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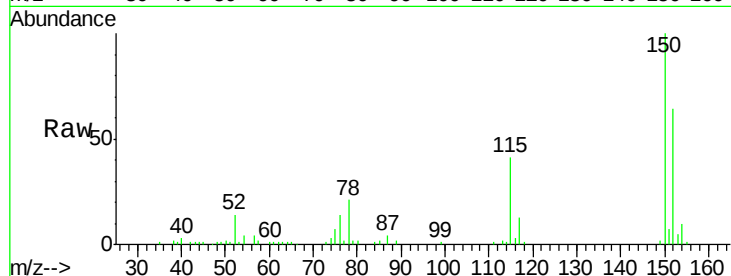


#1

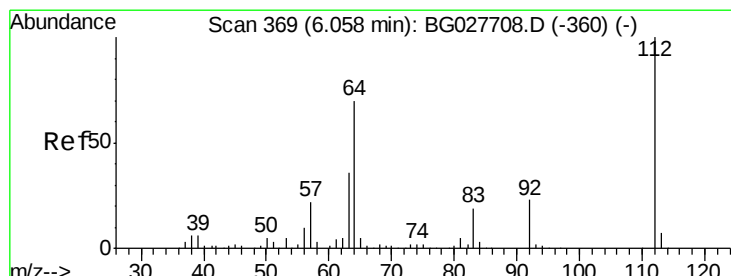
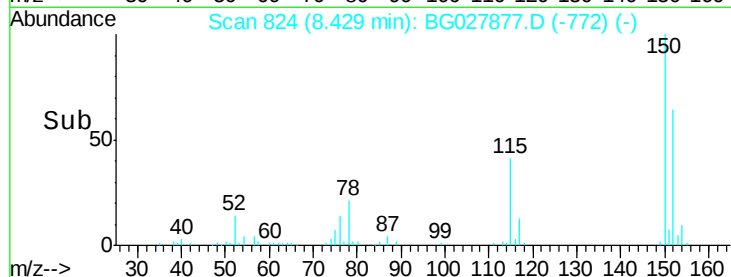
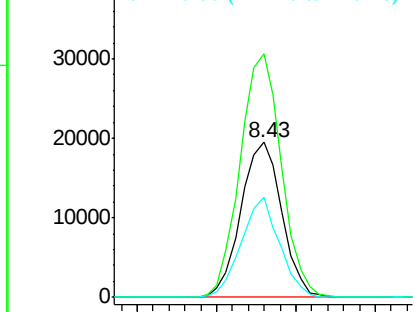
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.43 min Scan# 824
Delta R.T. 0.00 min
Lab File: BG027877.D
Acq: 7 Jul 2017 20:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 34914
Ion Ratio Lower Upper
152 100
150 157.1 114.0 171.0
115 65.0 48.1 72.1



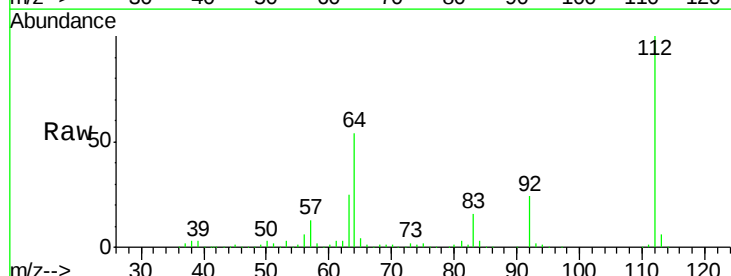
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



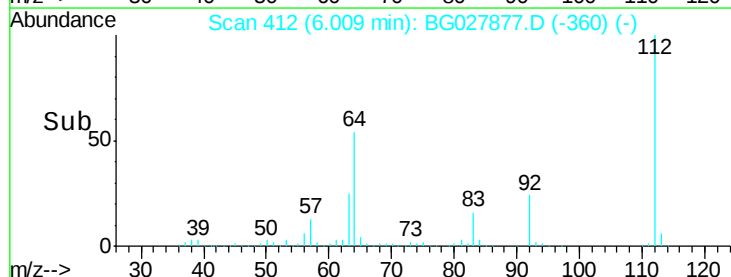
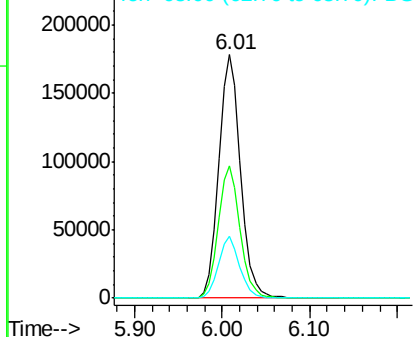
#5

2-Fluorophenol
Concen: 134.90 ng
RT: 6.01 min Scan# 412
Delta R.T. 0.00 min
Lab File: BG027877.D
Acq: 7 Jul 2017 20:38

Tgt Ion:112 Resp: 305854
Ion Ratio Lower Upper
112 100
64 54.2 61.8 92.6#
63 25.4 37.2 55.8#



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: 105.53 ng

RT: 7.58 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG027877.D

Acq: 7 Jul 2017 20:38

Instrument :

BNA_G

ClientSampled :

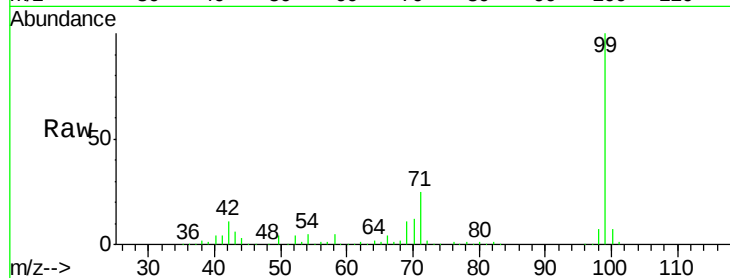
Tot Ion: 99 Resp: 365534

Ion Ratio Lower Upper

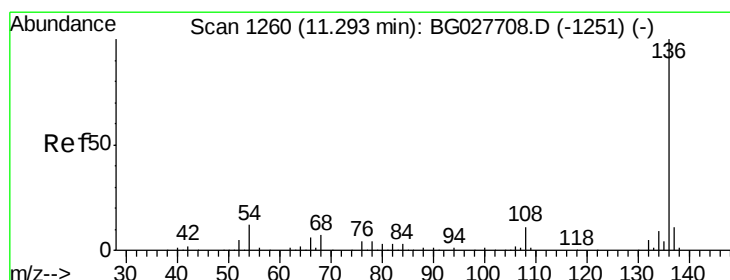
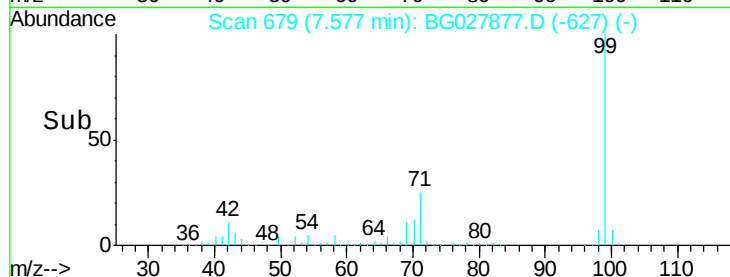
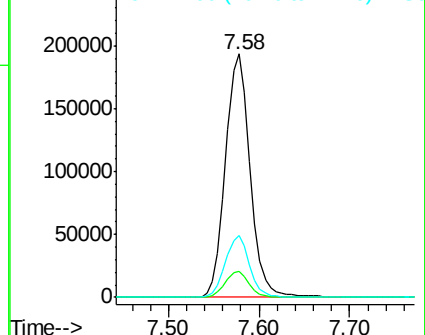
99 100

42 10.6 20.5 30.7#

71 25.2 37.6 56.4#



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: 11.25 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BG027877.D

Acq: 7 Jul 2017 20:38

Tgt Ion: 136 Resp: 153574

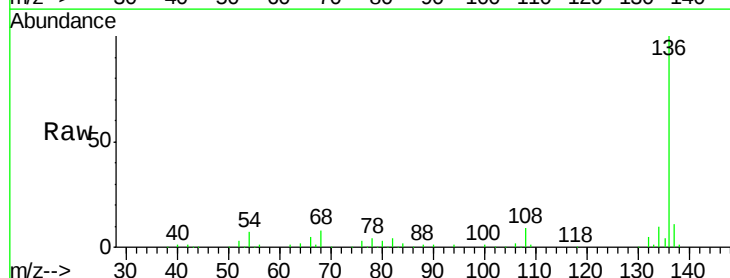
Ion Ratio Lower Upper

136 100

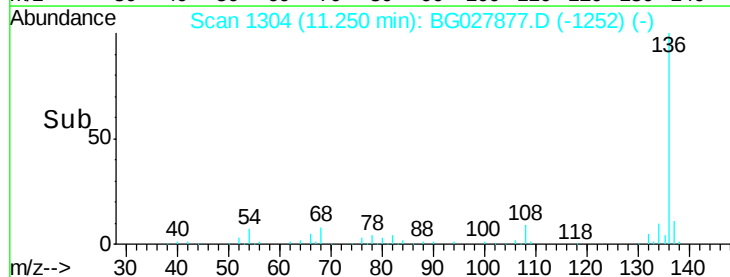
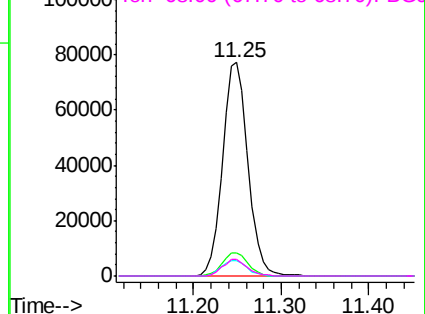
137 11.0 8.9 13.3

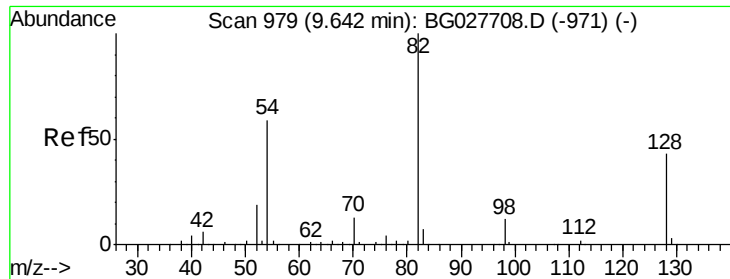
54 7.1 9.3 13.9#

68 7.8 5.1 7.7#



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

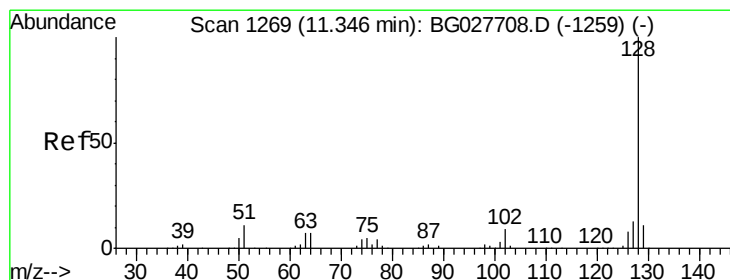
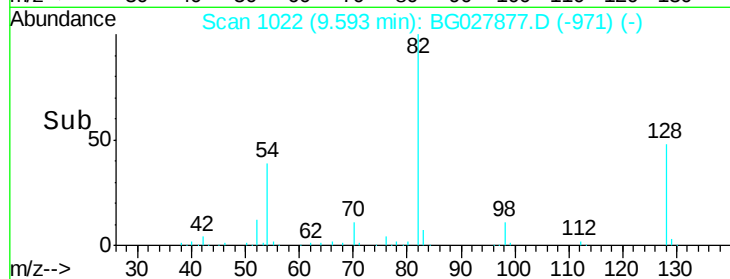
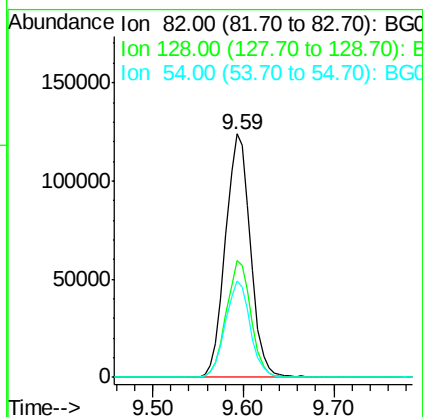
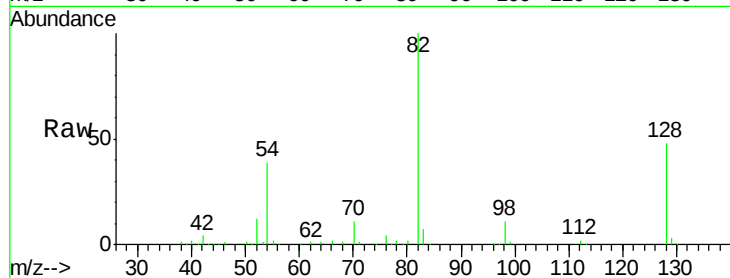




#23
 Nitrobenzene-d5
 Concen: 86.40 ng
 RT: 9.59 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BG027877.D
 Acq: 7 Jul 2017 20:38

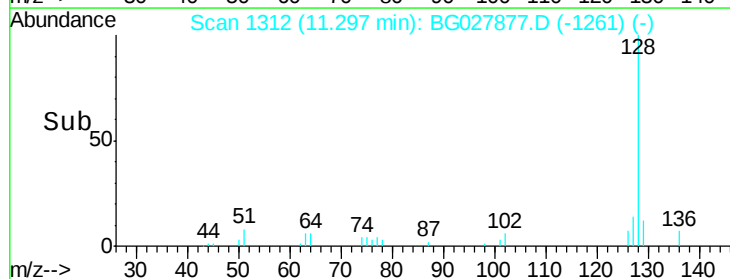
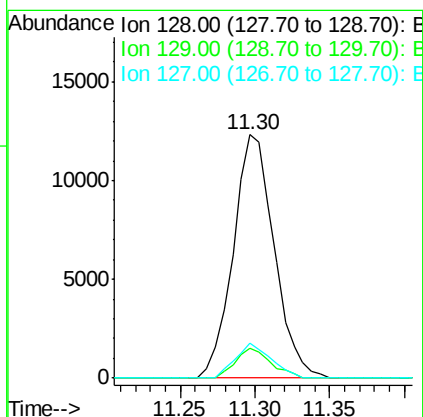
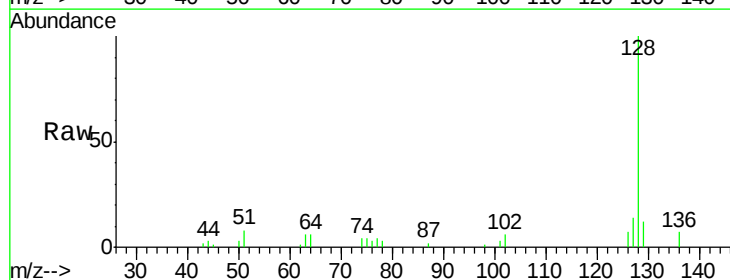
Instrument :
 BNA_G
 ClientSampleId :

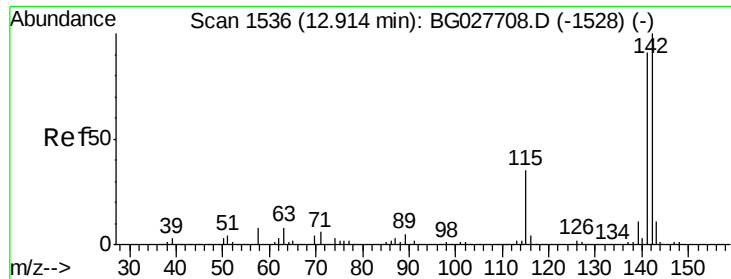
Tot Ion: 82 Resp: 238031
 Ion Ratio Lower Upper
 82 100
 128 48.0 26.4 39.6#
 54 39.5 49.4 74.2#



#31
 Naphthalene
 Concen: 2.87 ng
 RT: 11.30 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BG027877.D
 Acq: 7 Jul 2017 20:38

Tgt Ion:128 Resp: 23410
 Ion Ratio Lower Upper
 128 100
 129 12.1 9.3 13.9
 127 14.2 11.4 17.0

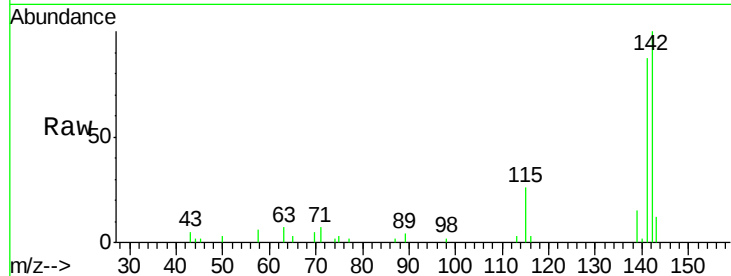




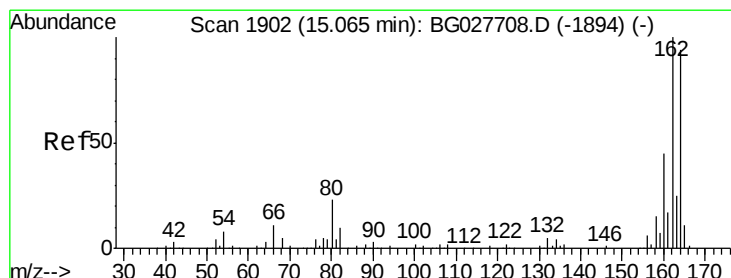
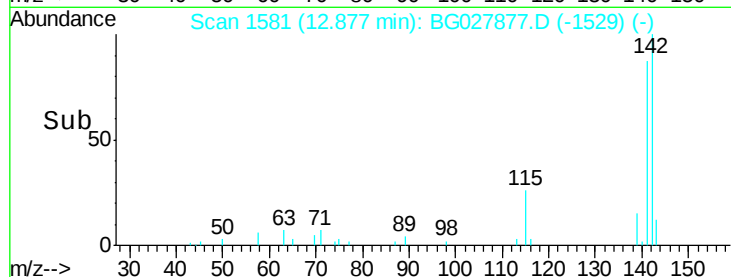
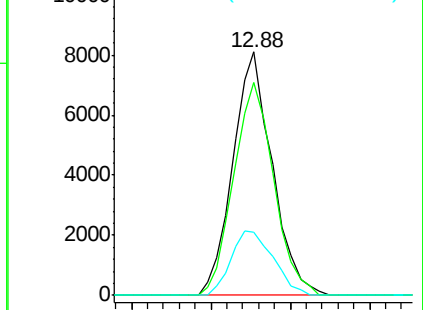
#37
2-Methylnaphthalene
Concen: 2.29 ng
RT: 12.88 min Scan# 1581
Delta R.T. 0.00 min
Lab File: BG027877.D
Acq: 7 Jul 2017 20:38

Instrument :
BNA_G
ClientSampled :

Tot Ion:142 Resp: 13909
Ion Ratio Lower Upper
142 100
141 87.5 70.4 105.6
115 26.0 35.5 53.3#

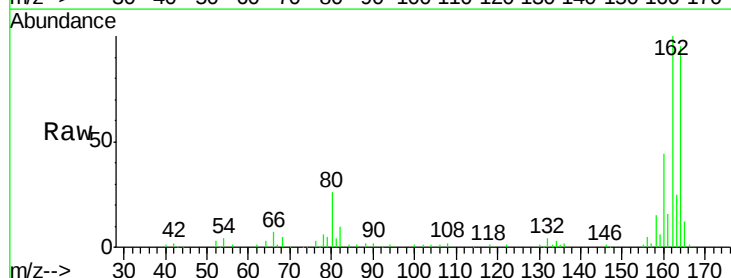


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

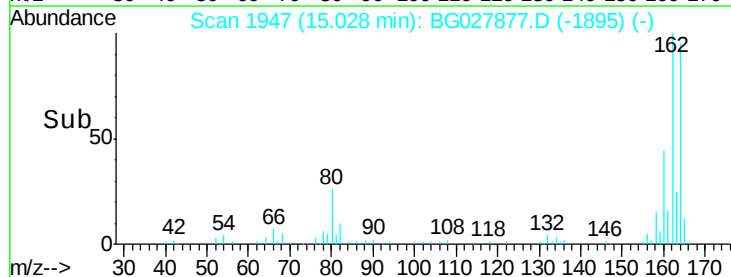
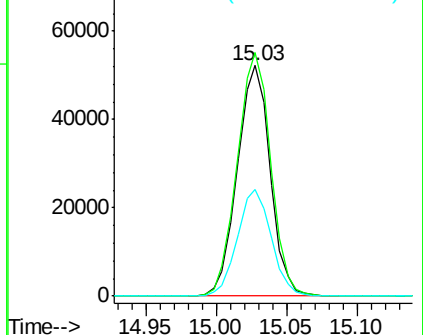


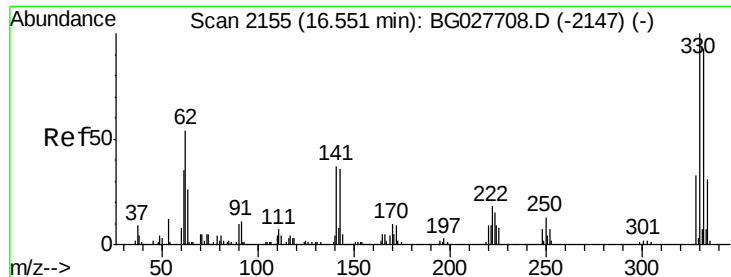
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.03 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BG027877.D
Acq: 7 Jul 2017 20:38

Tgt Ion:164 Resp: 84714
Ion Ratio Lower Upper
164 100
162 105.7 85.1 127.7
160 46.3 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

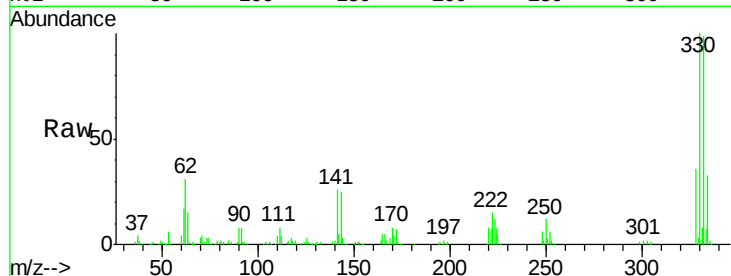




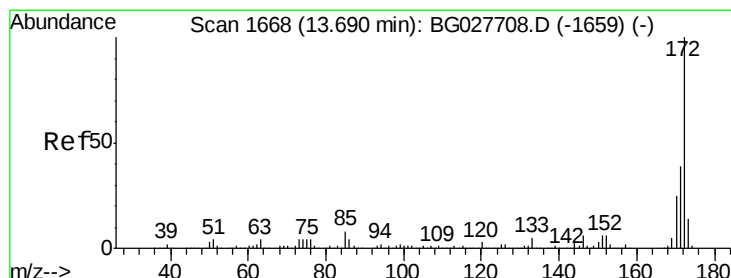
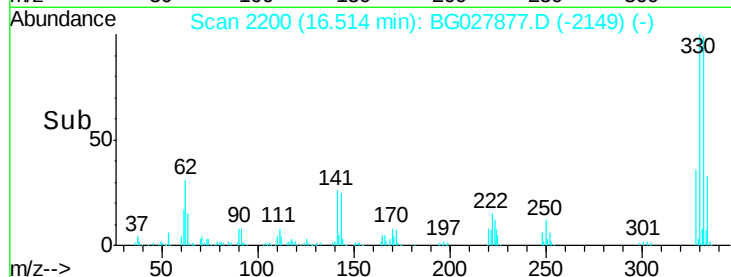
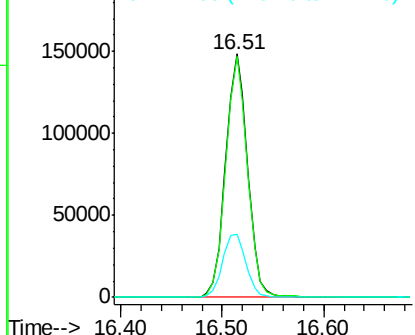
#41
 2,4,6-Tribromophenol
 Concen: 192.48 ng
 RT: 16.51 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: BG027877.D
 Acq: 7 Jul 2017 20:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.3	115.9
141	28.0	32.1	48.1#

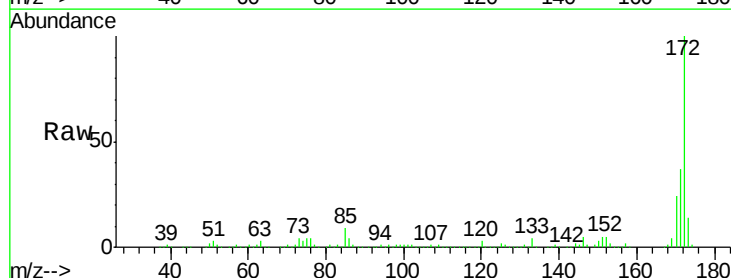


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

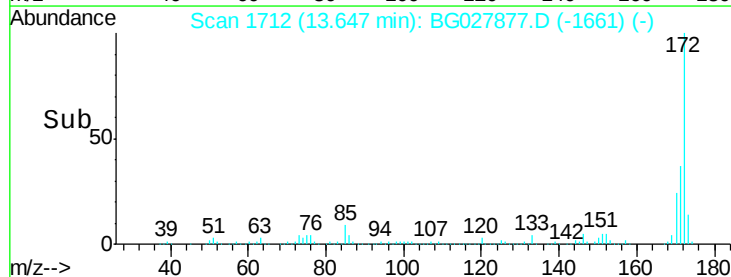
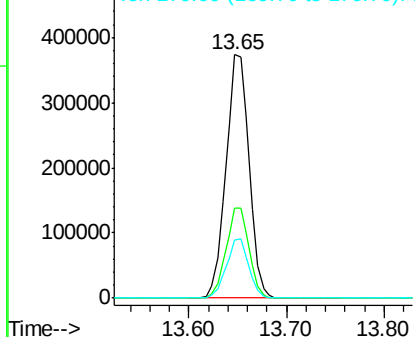


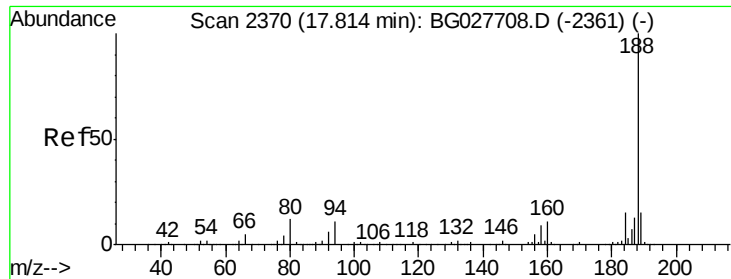
#44
 2-Fluorobiphenyl
 Concen: 103.14 ng
 RT: 13.65 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: BG027877.D
 Acq: 7 Jul 2017 20:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	32.2	48.2
170	23.7	21.8	32.6



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

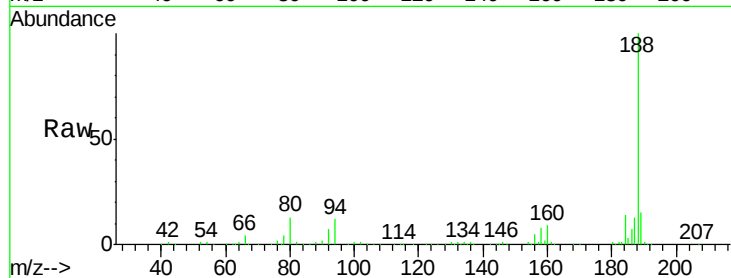




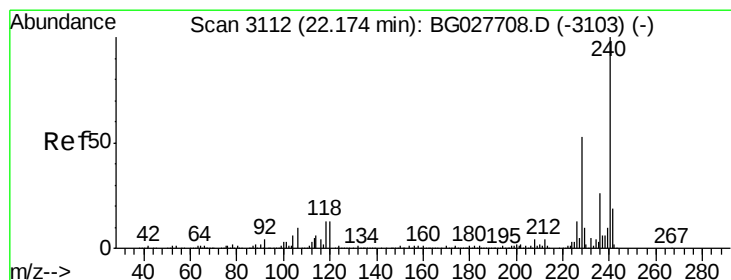
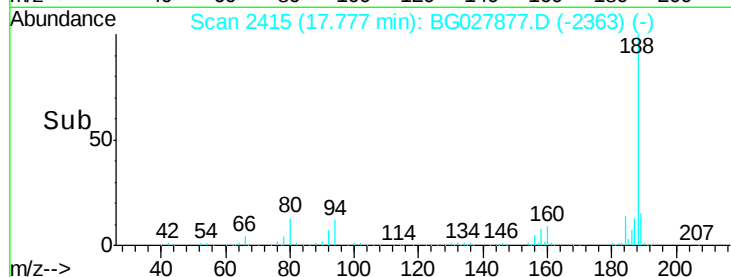
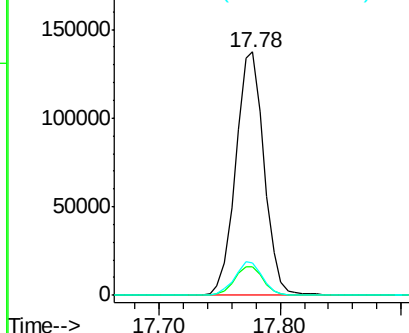
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.78 min Scan# 2415
Delta R.T. 0.00 min
Lab File: BG027877.D
Acq: 7 Jul 2017 20:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 224636
Ion Ratio Lower Upper
188 100
94 11.9 5.8 8.8#
80 13.3 7.5 11.3#

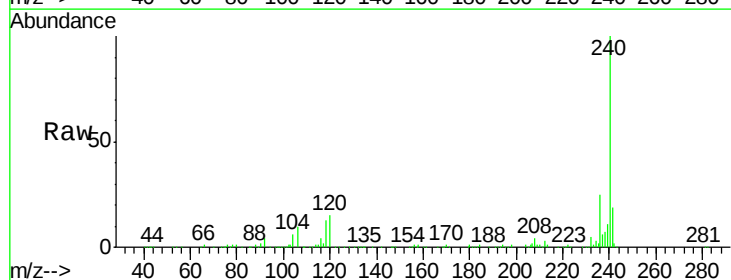


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

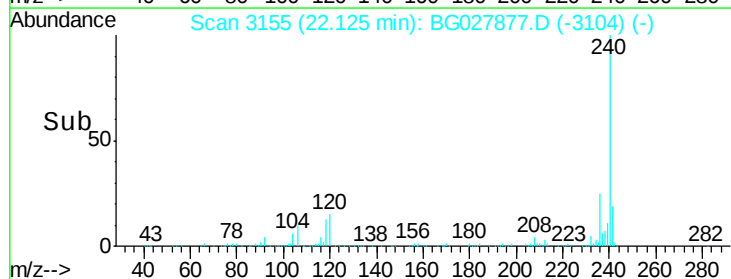
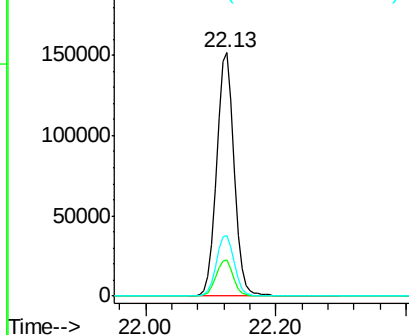


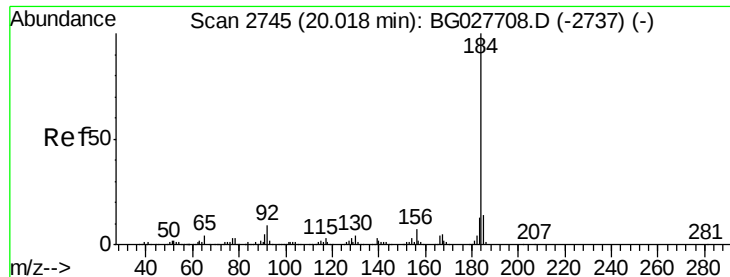
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.13 min Scan# 3155
Delta R.T. -0.00 min
Lab File: BG027877.D
Acq: 7 Jul 2017 20:38

Tgt Ion:240 Resp: 282092
Ion Ratio Lower Upper
240 100
120 14.9 5.7 8.5#
236 25.1 22.2 33.4



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





#76

Benzidine

Concen: 3.23 ng

RT: 20.01 min Scan# 2795

Delta R.T. 0.02 min

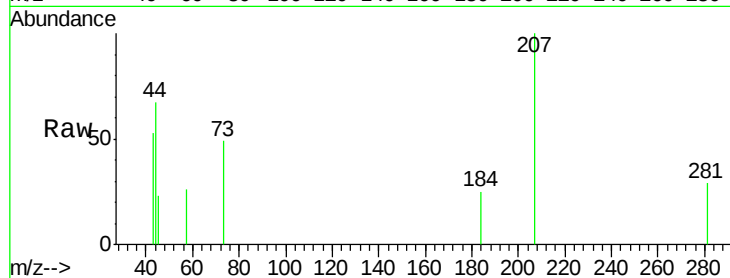
Lab File: BG027877.D

Acq: 7 Jul 2017 20:38

Instrument :

BNA_G

ClientSampled :



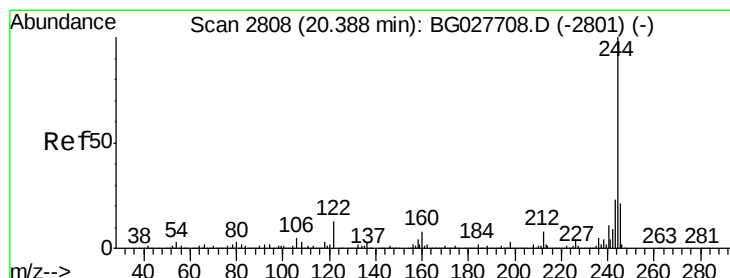
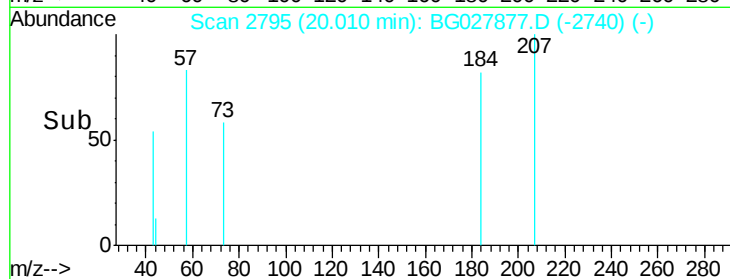
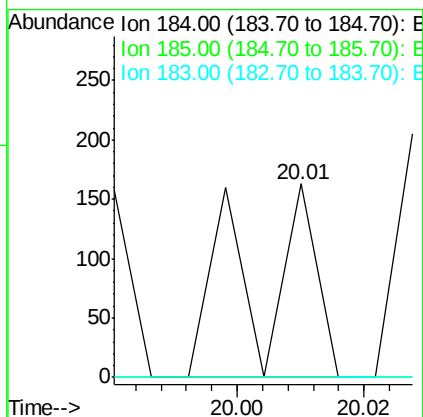
Tot Ion:184 Resp: 114

Ion Ratio Lower Upper

184 100

185 0.0 13.0 19.6#

183 0.0 11.0 16.6#



#78

Terphenyl-d14

Concen: 108.12 ng

RT: 20.36 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG027877.D

Acq: 7 Jul 2017 20:38

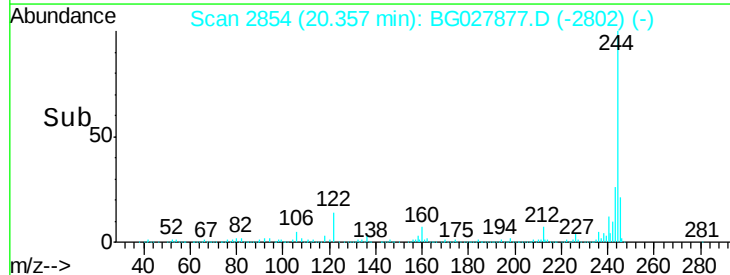
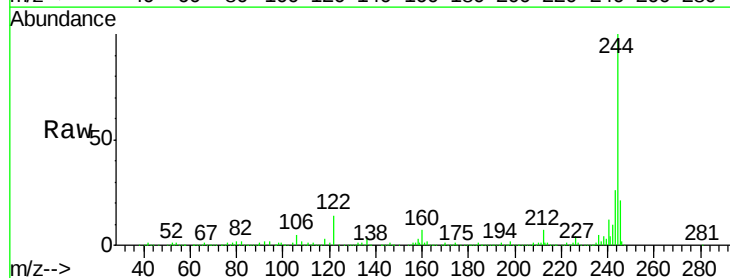
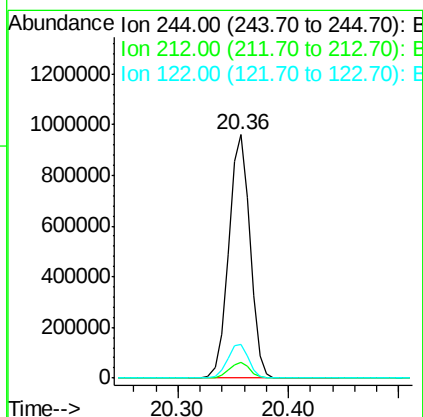
Tgt Ion:244 Resp: 1301034

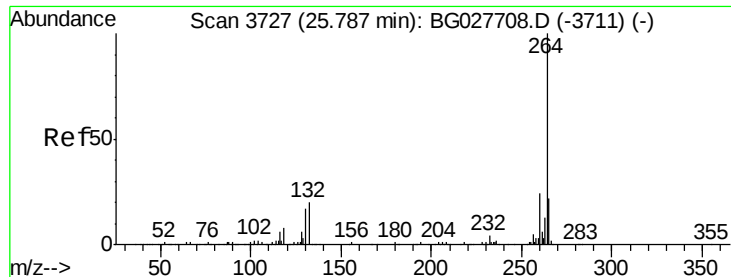
Ion Ratio Lower Upper

244 100

212 6.5 10.0 15.0#

122 13.6 8.6 12.8#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.69 min Scan# 3761
Delta R.T. -0.01 min
Lab File: BG027877.D
Acq: 7 Jul 2017 20:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	21.8	32.8
265	22.0	18.2	27.4

