

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060517\
 Data File : BG027233.D
 Acq On : 6 Jun 2017 4:25
 Operator : SJ/MA
 Sample : I3405-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 R1-SB-1D1011

Quant Time: Jun 06 06:39:05 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

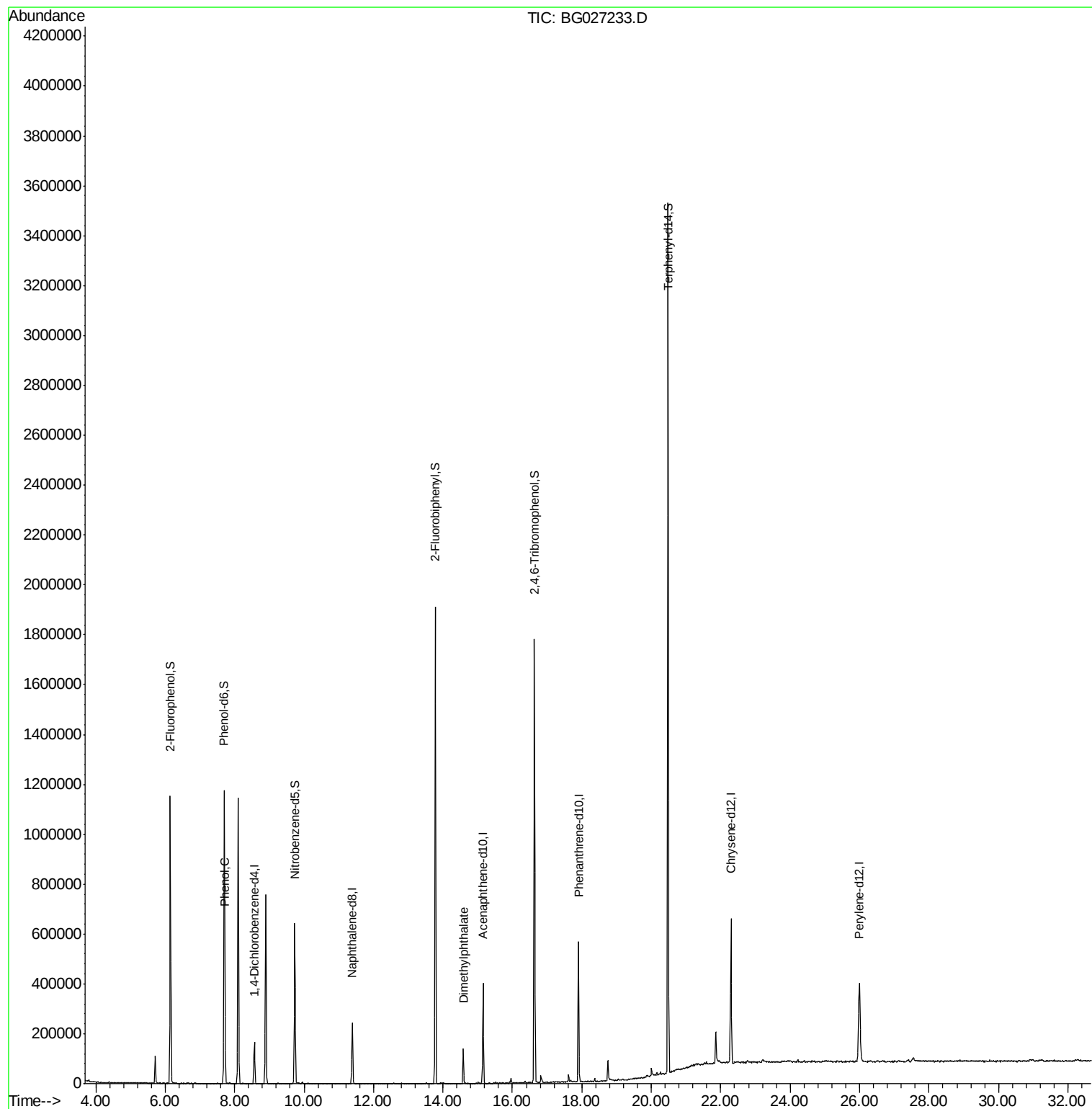
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.57	152	49042	20.00	ng	0.00
21) Naphthalene-d8	11.39	136	225928	20.00	ng	0.00
38) Acenaphthene-d10	15.16	164	147285	20.00	ng	0.00
63) Phenanthrene-d10	17.91	188	371299	20.00	ng	0.00
75) Chrysene-d12	22.29	240	421748	20.00	ng	-0.02
86) Perylene-d12	26.00	264	399840	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	575058	178.93	ng	0.00
7) Phenol-d6	7.70	99	795765	168.68	ng	0.00
23) Nitrobenzene-d5	9.73	82	420805	117.14	ng	0.00
41) 2,4,6-Tribromophenol	16.64	330	363597	187.47	ng	0.00
44) 2-Fluorobiphenyl	13.78	172	1056345	100.34	ng	0.00
78) Terphenyl-d14	20.48	244	1632055	98.72	ng	0.00
Target Compounds						
10) Phenol	7.72	94	38709	8.02	ng	88
49) Dimethylphthalate	14.59	163	95684	8.19	ng	97

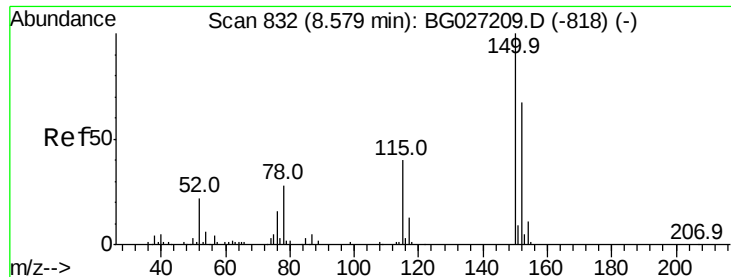
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.57 min Scan# 831

Delta R.T. -0.01 min

Lab File: BG027233.D

Acq: 6 Jun 2017 4:25

Instrument :

BNA_G

ClientSampleId :

R1-SB-1D1011

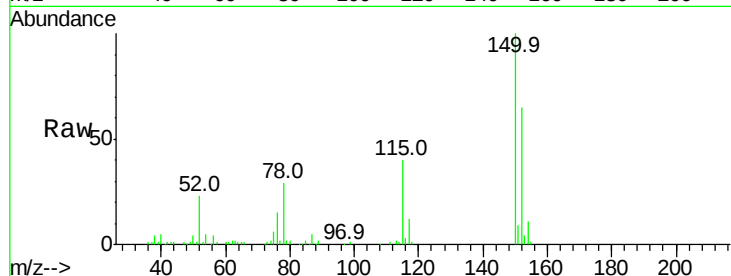
Tot Ion:152 Resp: 49042

Ion Ratio Lower Upper

152 100

150 154.6 114.0 171.0

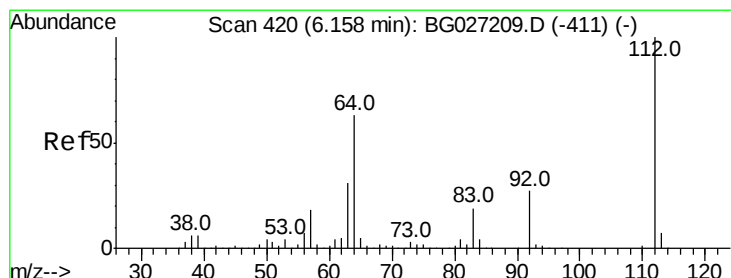
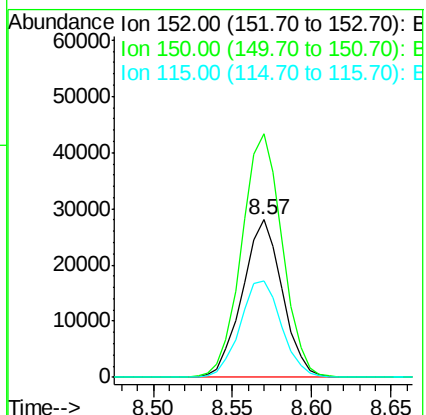
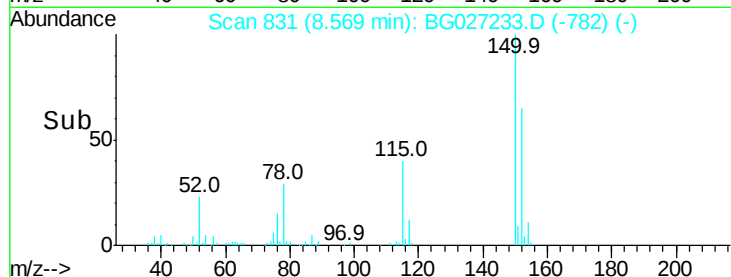
115 61.5 48.1 72.1



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: 178.93 ng

RT: 6.15 min Scan# 420

Delta R.T. -0.00 min

Lab File: BG027233.D

Acq: 6 Jun 2017 4:25

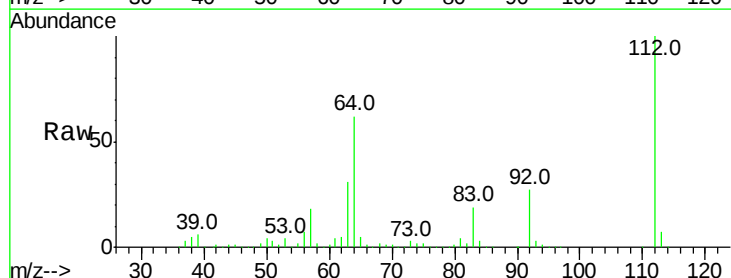
Tgt Ion:112 Resp: 575058

Ion Ratio Lower Upper

112 100

64 61.6 61.8 92.6#

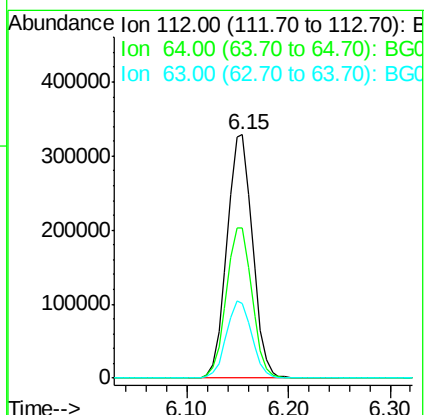
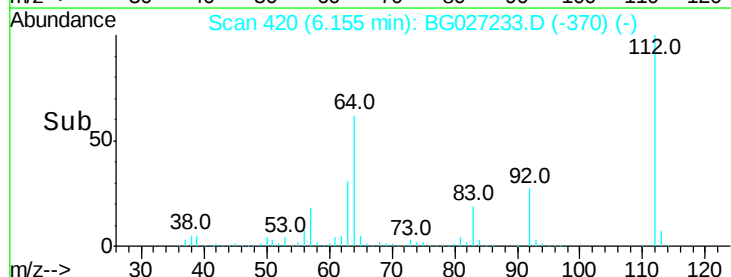
63 30.9 37.2 55.8#

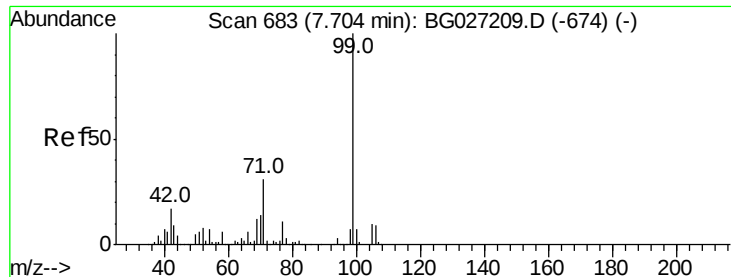


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 168.68 ng

RT: 7.70 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG027233.D

Acq: 6 Jun 2017 4:25

Instrument :

BNA_G

ClientSampleId :

R1-SB-1D1011

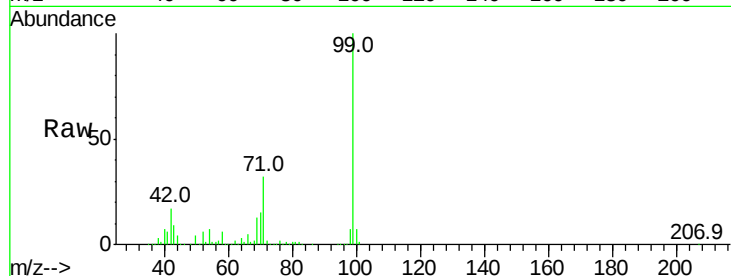
Tot Ion: 99 Resp: 795765

Ion Ratio Lower Upper

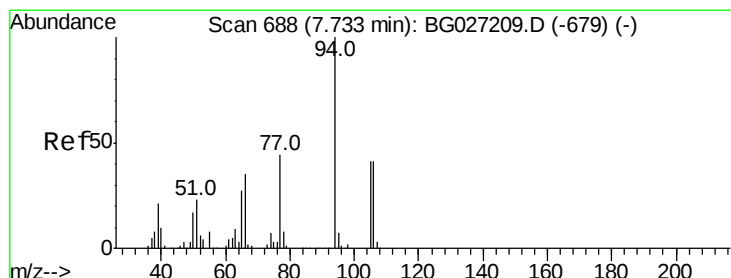
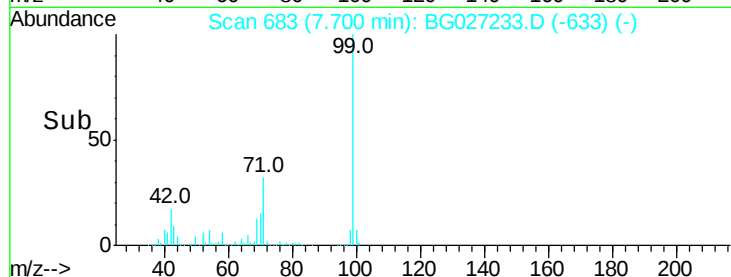
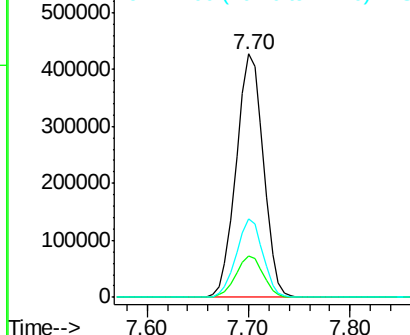
99 100

42 16.9 20.5 30.7#

71 32.2 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



#10

Phenol

Concen: 8.02 ng

RT: 7.72 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG027233.D

Acq: 6 Jun 2017 4:25

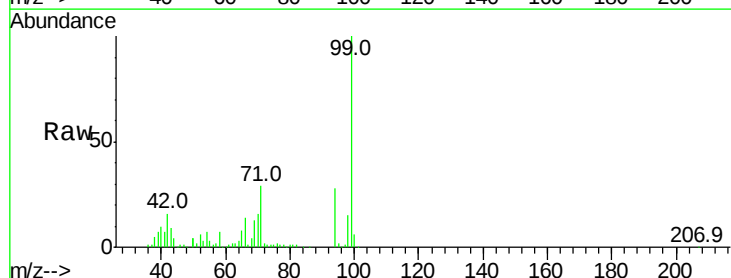
Tgt Ion: 94 Resp: 38709

Ion Ratio Lower Upper

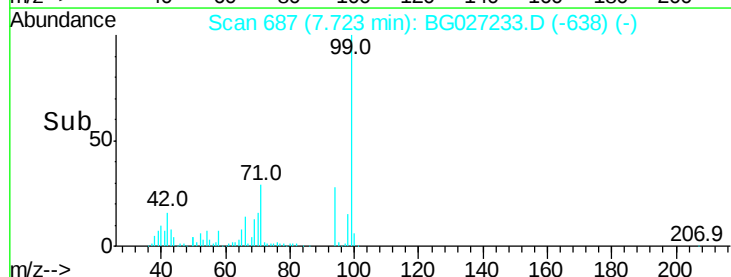
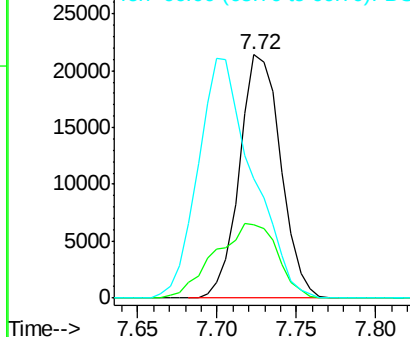
94 100

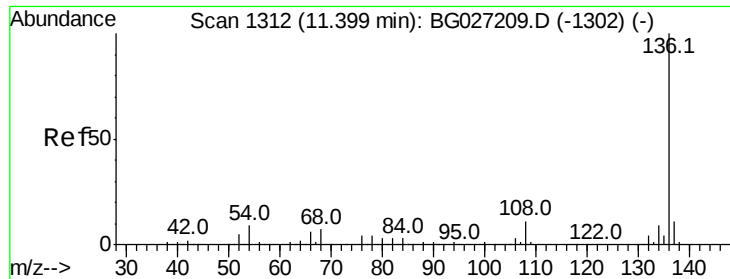
65 29.9 20.6 60.6

66 49.3 35.5 75.5



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

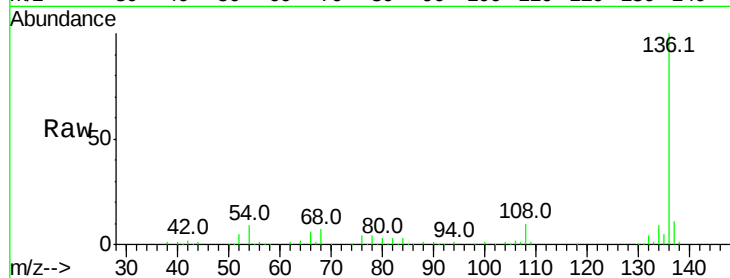




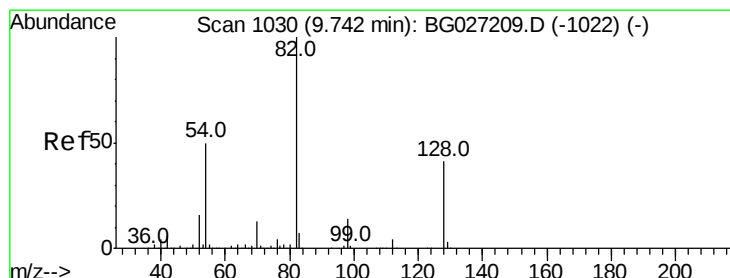
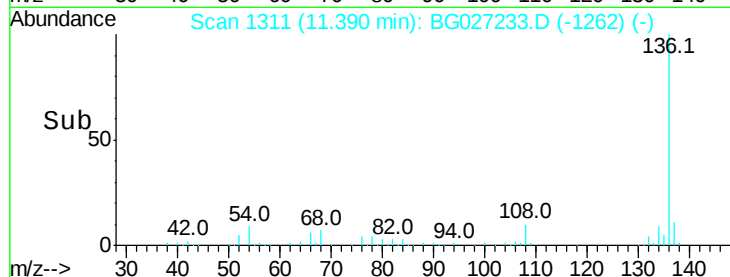
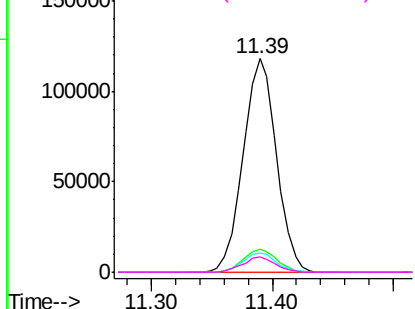
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.39 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BG027233.D
Acq: 6 Jun 2017 4:25

Instrument :
BNA_G
ClientSampleId :
R1-SB-1D1011

Tot Ion:	136	Resp:	225928
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.0	9.3	13.9#
68	7.0	5.1	7.7

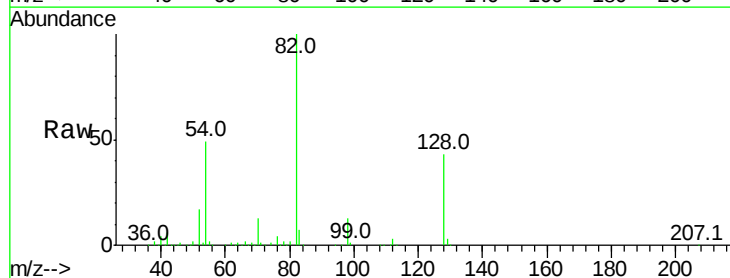


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

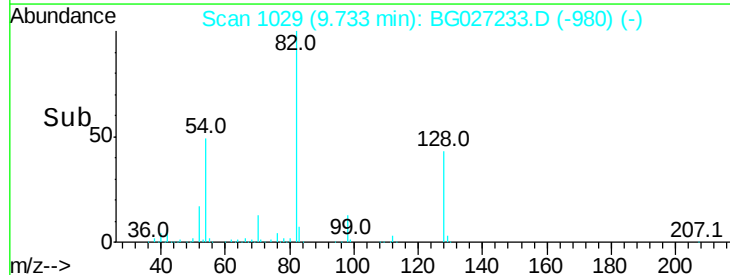
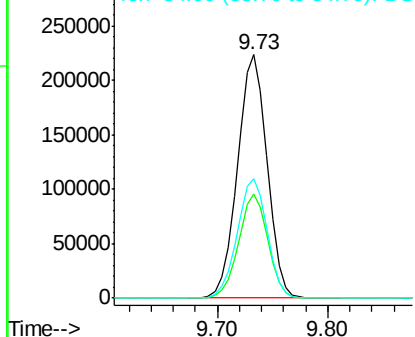


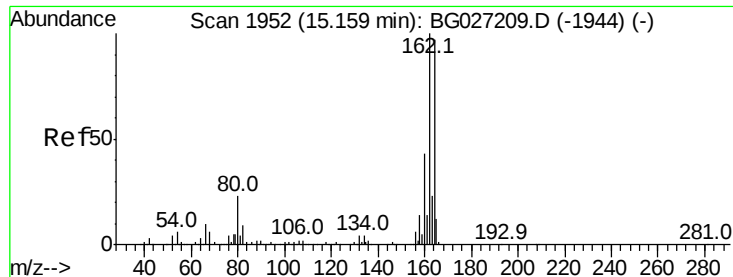
#23
Nitrobenzene-d5
Concen: 117.14 ng
RT: 9.73 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG027233.D
Acq: 6 Jun 2017 4:25

Tgt Ion:	82	Resp:	420805
Ion	Ratio	Lower	Upper
82	100		
128	42.7	26.4	39.6#
54	48.8	49.4	74.2#



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

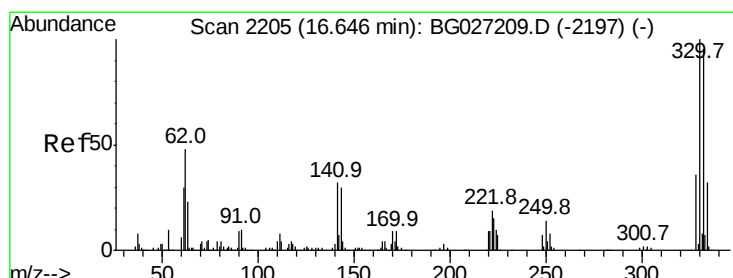
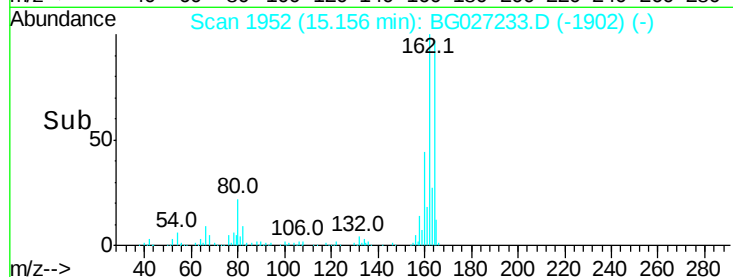
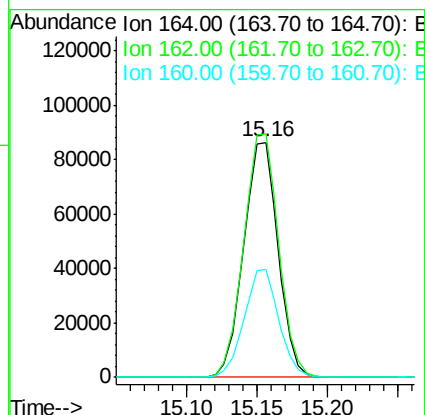
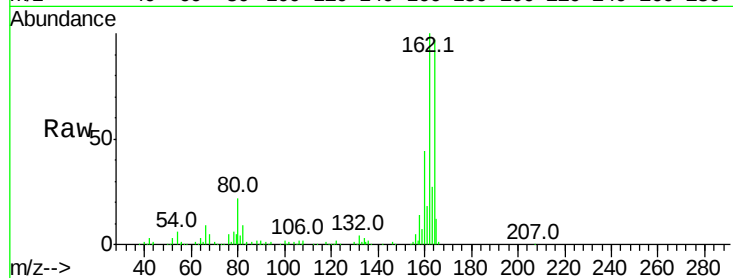




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.16 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BG027233.D
Acq: 6 Jun 2017 4:25

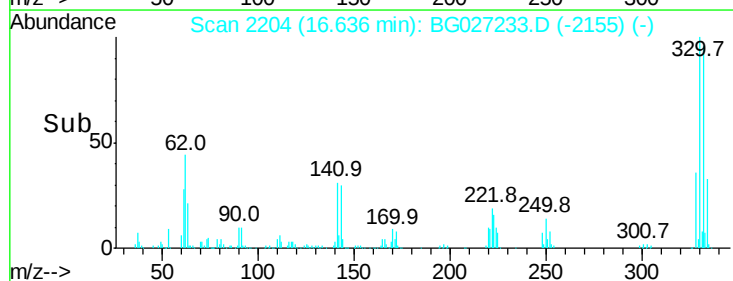
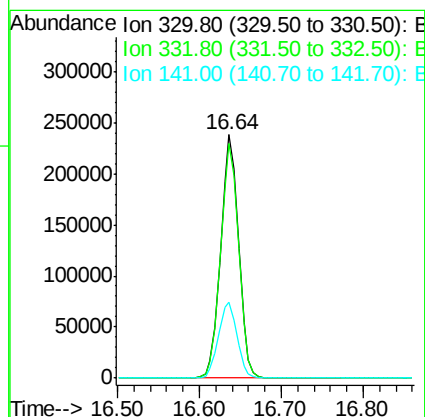
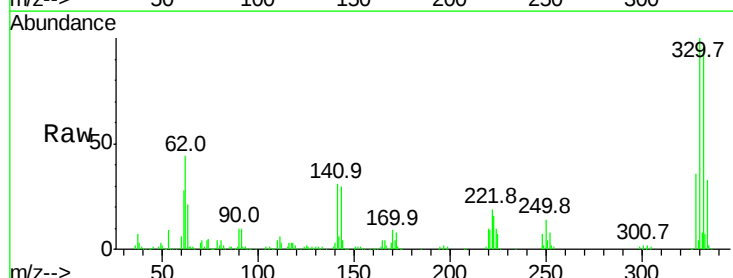
Instrument :
BNA_G
ClientSampleId :
R1-SB-1D1011

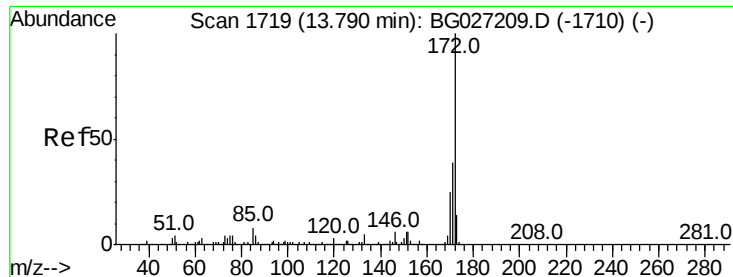
Tot Ion:164 Resp: 147285
Ion Ratio Lower Upper
164 100
162 103.6 85.1 127.7
160 46.0 34.7 52.1



#41
2,4,6-Tribromophenol
Concen: 187.47 ng
RT: 16.64 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BG027233.D
Acq: 6 Jun 2017 4:25

Tgt Ion:330 Resp: 363597
Ion Ratio Lower Upper
330 100
332 97.5 77.3 115.9
141 32.5 32.1 48.1

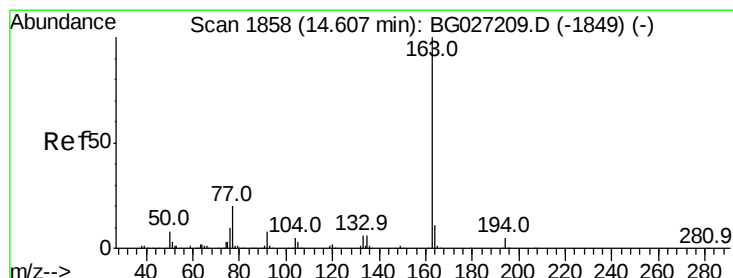
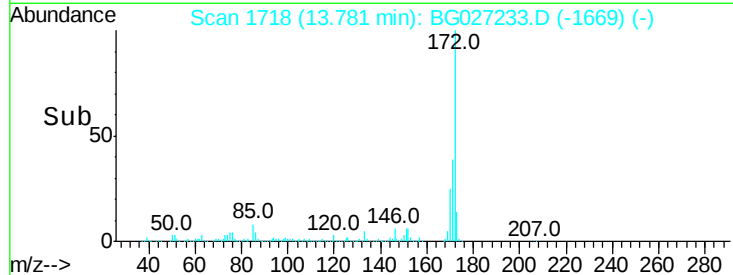
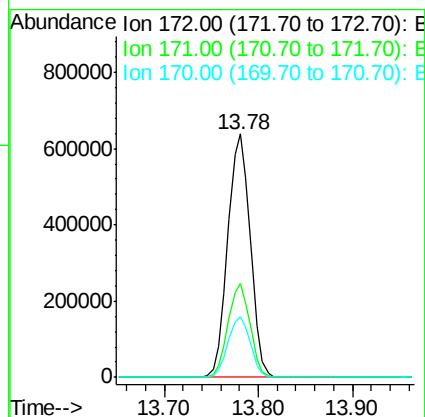
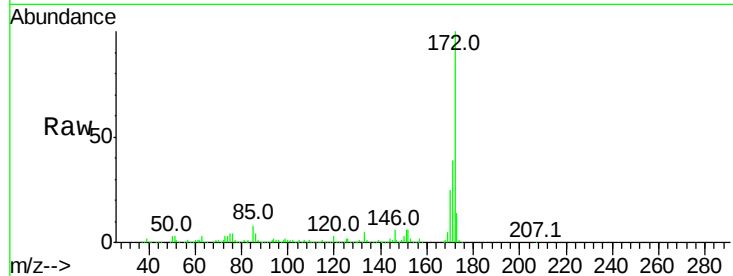




#44
2-Fluorobiphenyl
Concen: 100.34 ng
RT: 13.78 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BG027233.D
Acq: 6 Jun 2017 4:25

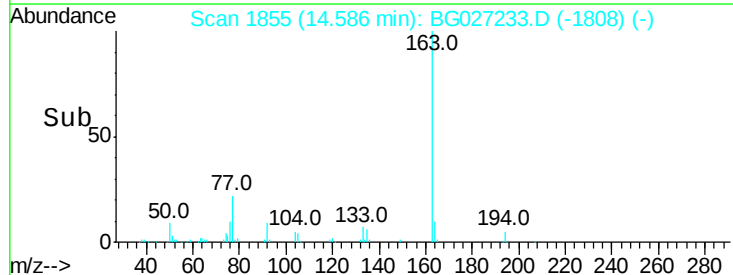
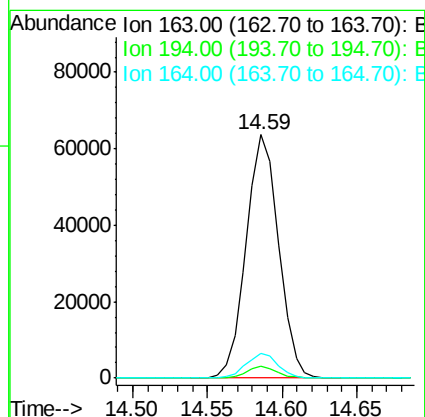
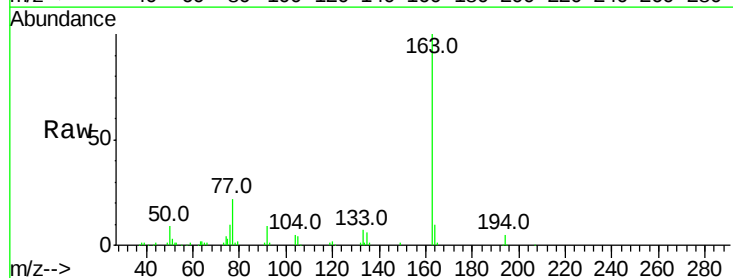
Instrument :
BNA_G
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R1-SB-1D1011

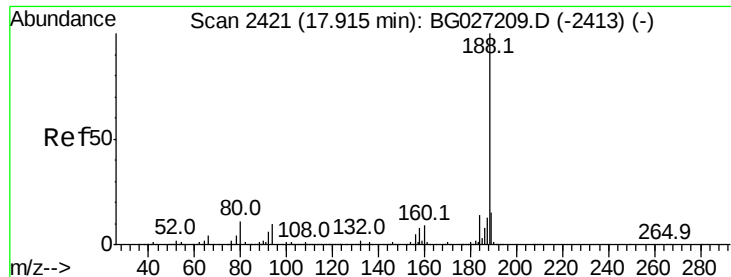
Tot Ion:172 Resp: 1056345
Ion Ratio Lower Upper
172 100
171 38.5 32.2 48.2
170 24.9 21.8 32.6



#49
Dimethylphthalate
Concen: 8.19 ng
RT: 14.59 min Scan# 1855
Delta R.T. -0.02 min
Lab File: BG027233.D
Acq: 6 Jun 2017 4:25

Tgt Ion:163 Resp: 95684
Ion Ratio Lower Upper
163 100
194 4.8 3.8 5.6
164 10.0 9.3 13.9

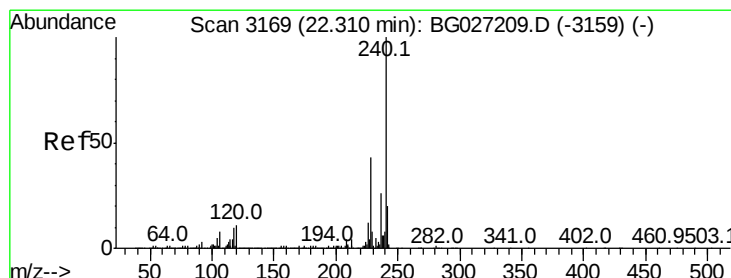
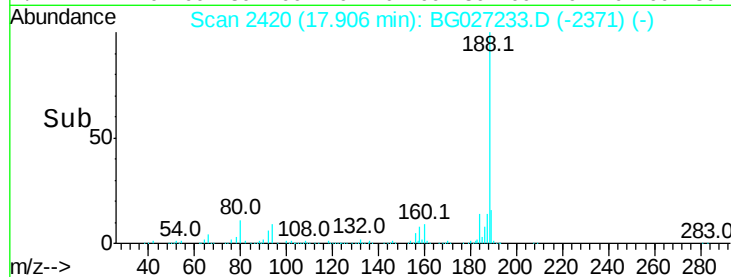
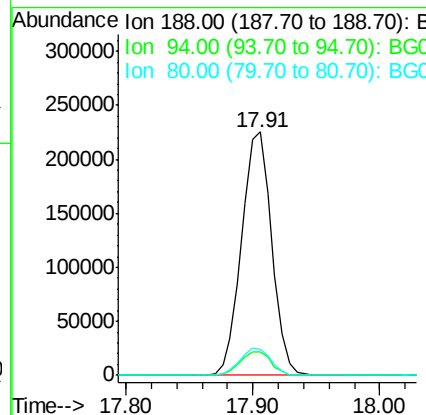
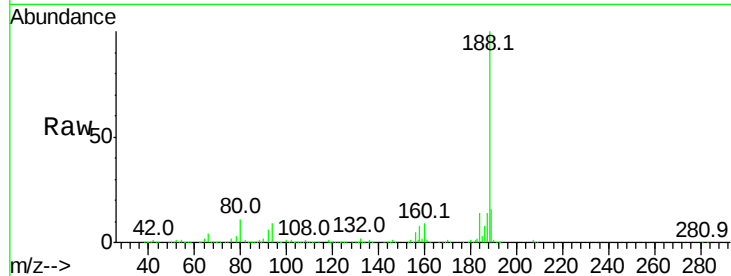




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.91 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BG027233.D
Acq: 6 Jun 2017 4:25

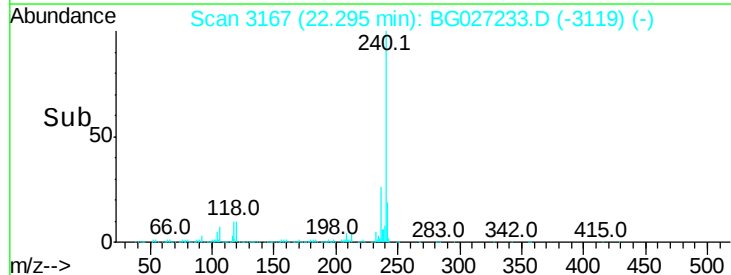
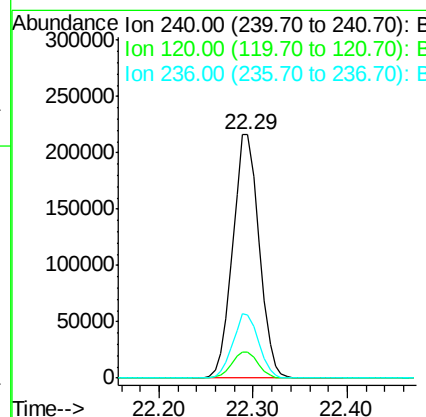
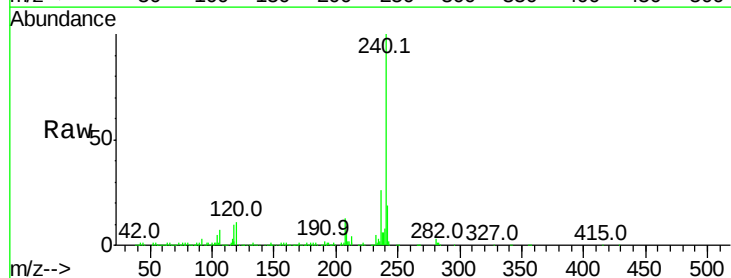
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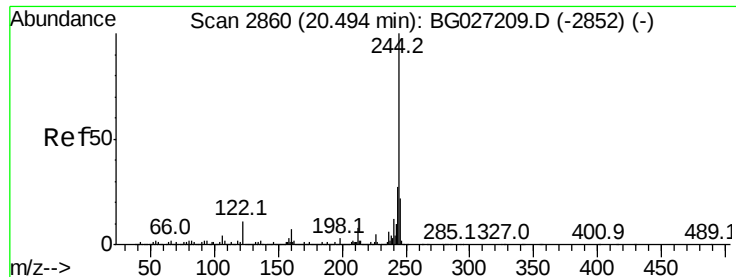
Tot Ion:188 Resp: 371299
Ion Ratio Lower Upper
188 100
94 9.4 5.8 8.8#
80 10.5 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.29 min Scan# 3167
Delta R.T. -0.02 min
Lab File: BG027233.D
Acq: 6 Jun 2017 4:25

Tgt Ion:240 Resp: 421748
Ion Ratio Lower Upper
240 100
120 10.6 5.7 8.5#
236 25.7 22.2 33.4





#78

Terphenyl-d14

Concen: 98.72 ng

RT: 20.48 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG027233.D

Acq: 6 Jun 2017 4:25

Instrument :

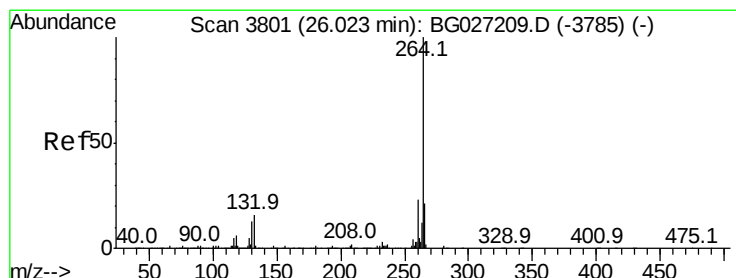
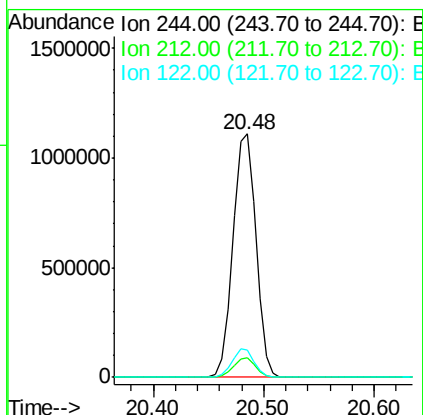
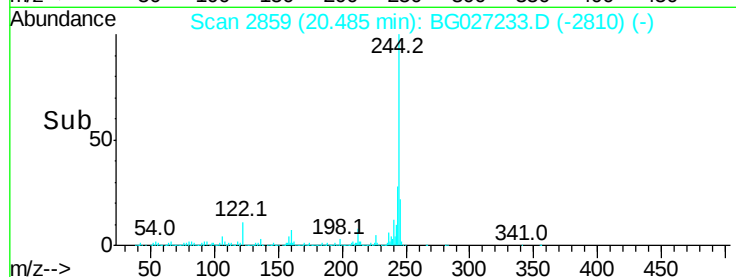
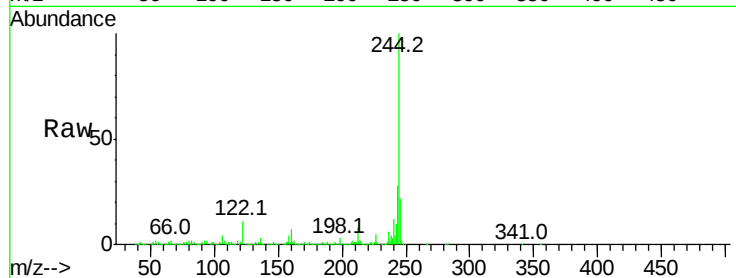
BNA_G

ClientSampleId :

R1-SB-1D1011

Tot Ion:244 Resp: 1632055

Ion	Ratio	Lower	Upper
244	100		
212	8.2	10.0	15.0#
122	11.0	8.6	12.8



#86

Perylene-d12

Concen: 20.00 ng

RT: 26.00 min Scan# 3797

Delta R.T. -0.03 min

Lab File: BG027233.D

Acq: 6 Jun 2017 4:25

Tgt Ion:264 Resp: 399840

Ion	Ratio	Lower	Upper
264	100		
260	24.6	21.8	32.8
265	22.8	18.2	27.4

