

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042117\
 Data File : BG026698.D
 Acq On : 21 Apr 2017 22:49
 Operator : SJ/MA
 Sample : I2782-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 22 03:59:52 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 18:04:39 2017
 Response via : Initial Calibration

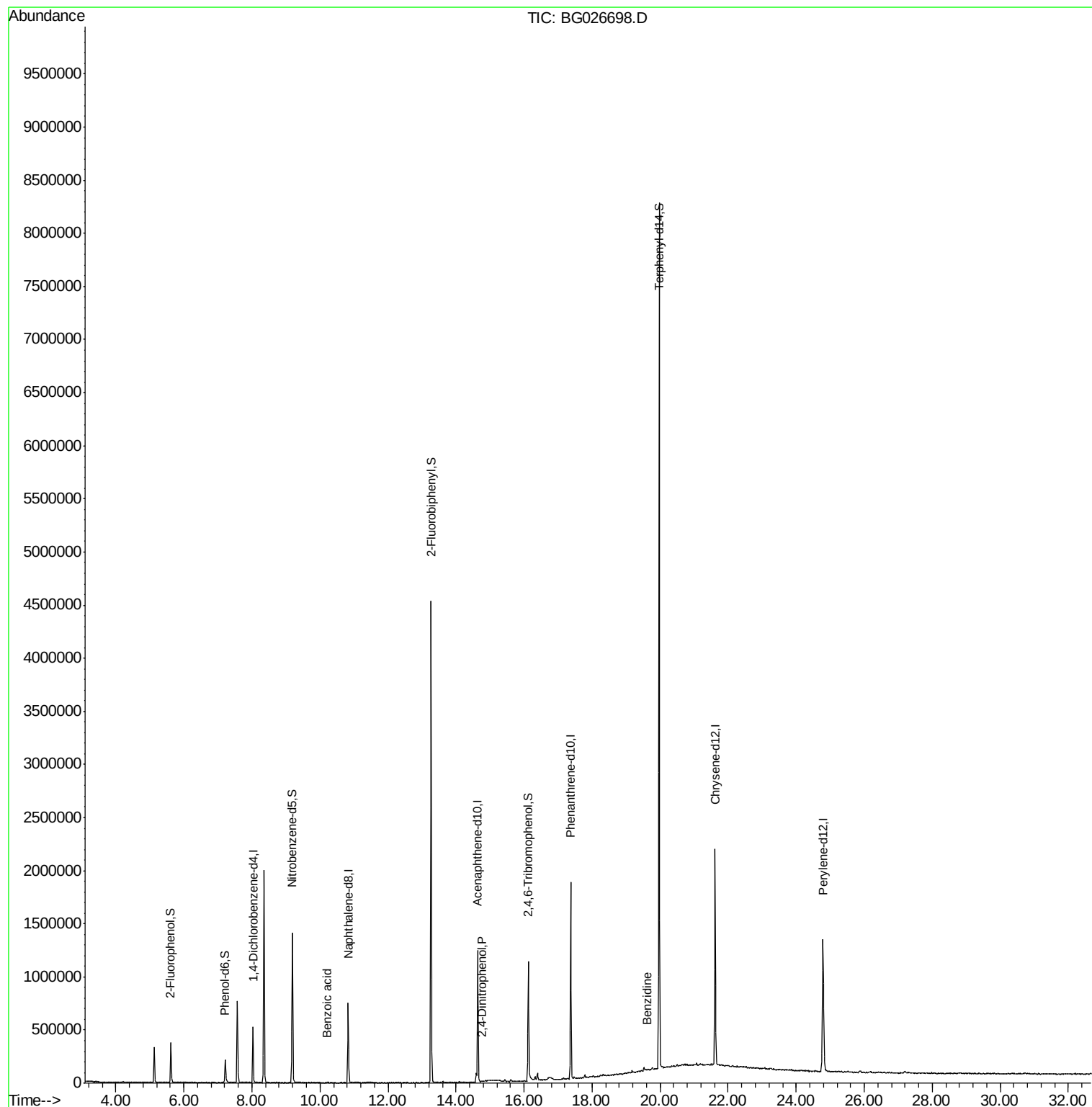
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	168797	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	722205	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	442772	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	1182556	20.00	ng	-0.02
75) Chrysene-d12	21.61	240	1317085	20.00	ng	-0.02
86) Perylene-d12	24.79	264	1297977	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	207602	22.36	ng	0.00
7) Phenol-d6	7.21	99	182351	14.99	ng	0.00
23) Nitrobenzene-d5	9.19	82	895778	86.55	ng	-0.02
41) 2,4,6-Tribromophenol	16.13	330	268948	43.59	ng	-0.01
44) 2-Fluorobiphenyl	13.26	172	2500555	84.11	ng	-0.02
78) Terphenyl-d14	19.97	244	3471862	77.82	ng	-0.02
Target Compounds						
32) Benzoic acid	10.21	122	58	9.02	ng	# 1
53) 2,4-Dinitrophenol	14.75	184	58	8.76	ng	# 15
76) Benzidine	19.61	184	841	3.74	ng	# 1

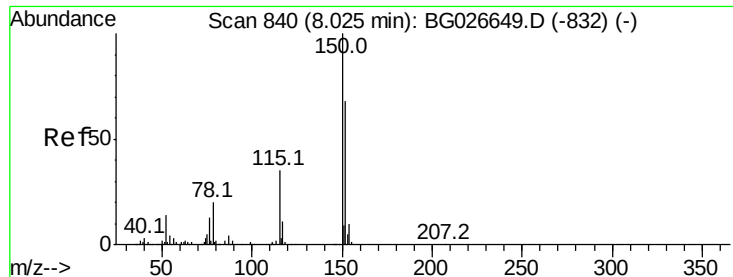
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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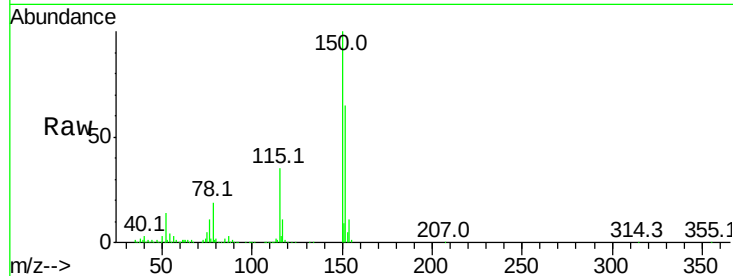


#1

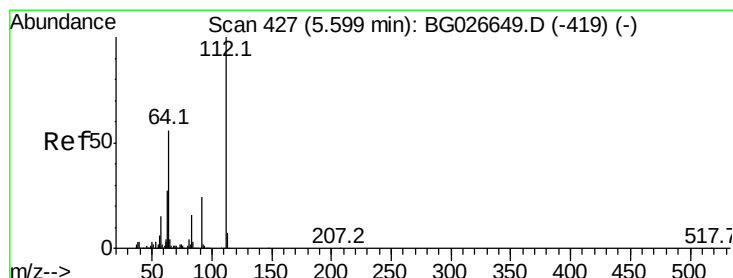
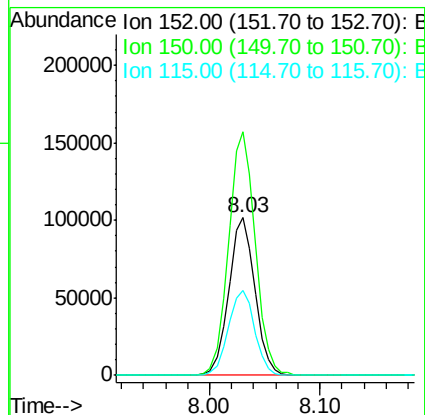
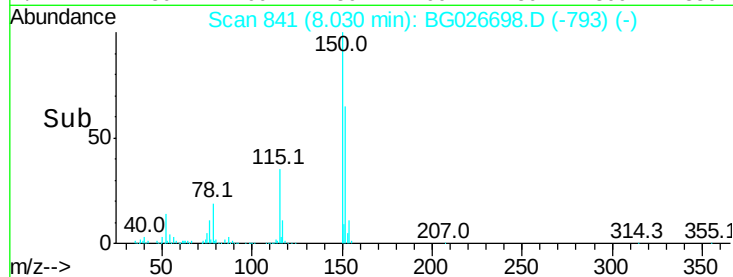
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG026698.D
Acq: 21 Apr 2017 22:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 168797
Ion Ratio Lower Upper
152 100
150 154.5 114.0 171.0
115 54.1 48.1 72.1



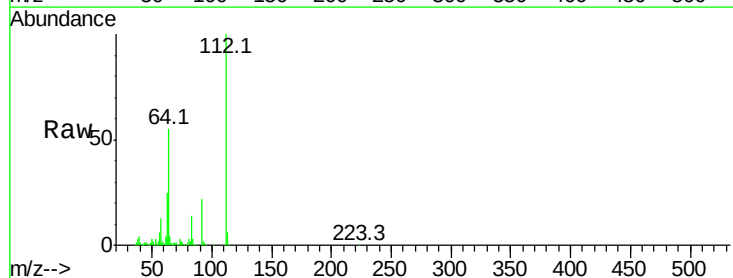
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



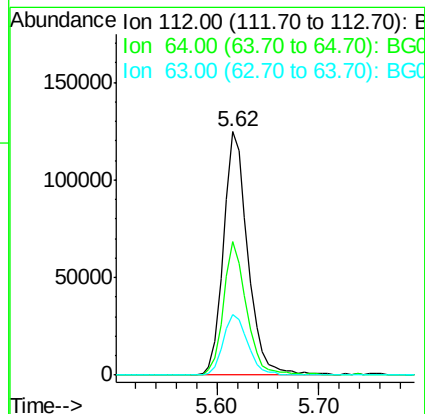
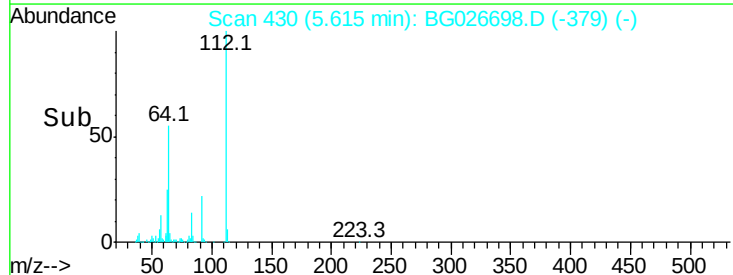
#5

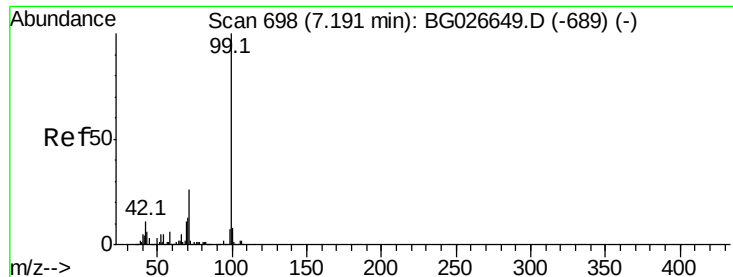
2-Fluorophenol
Concen: 22.36 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG026698.D
Acq: 21 Apr 2017 22:49

Tgt Ion:112 Resp: 207602
Ion Ratio Lower Upper
112 100
64 54.9 61.8 92.6#
63 25.0 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: 14.99 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG026698.D

Acq: 21 Apr 2017 22:49

Instrument :

BNA_G

ClientSampleId :

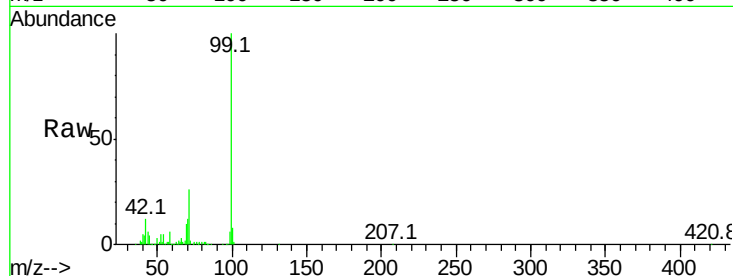
Tot Ion: 99 Resp: 182351

Ion Ratio Lower Upper

99 100

42 11.6 20.5 30.7#

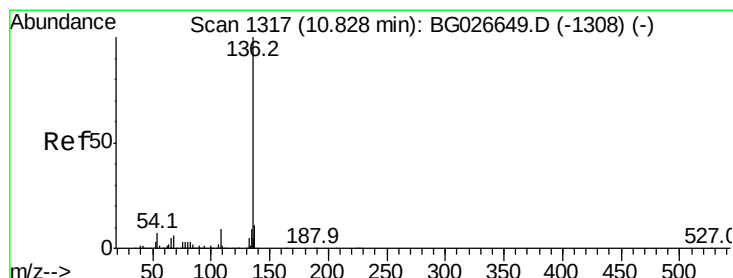
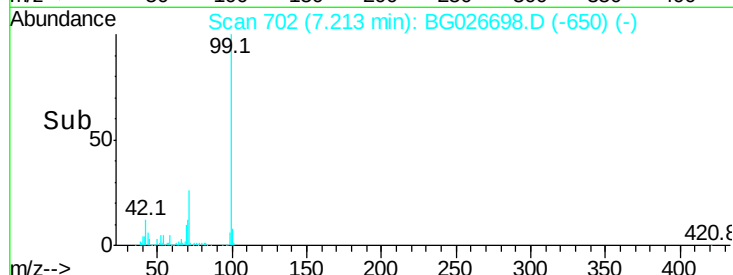
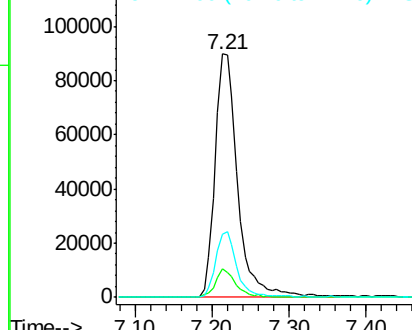
71 26.1 37.6 56.4#



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: 10.83 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BG026698.D

Acq: 21 Apr 2017 22:49

Tgt Ion: 136 Resp: 722205

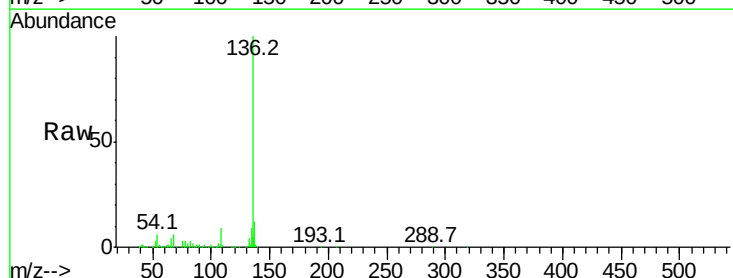
Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 6.0 9.3 13.9#

68 5.7 5.1 7.7

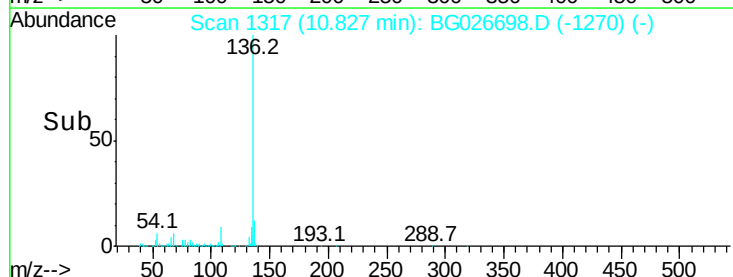
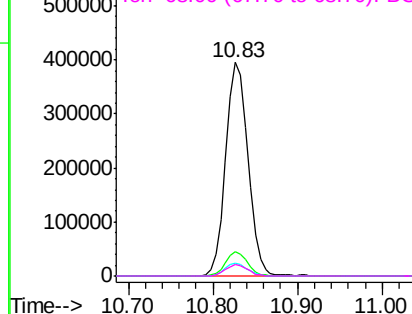


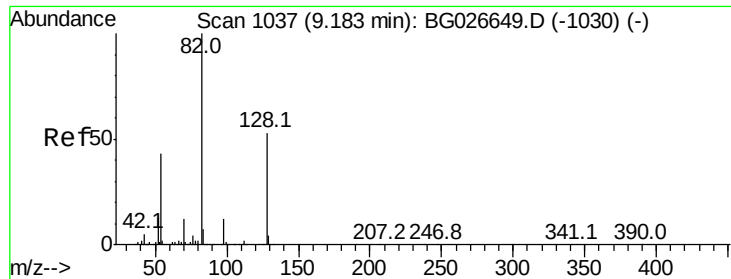
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

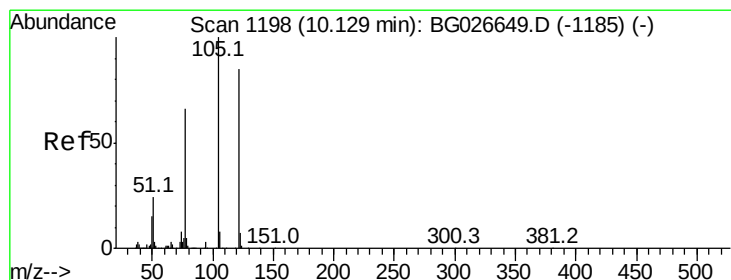
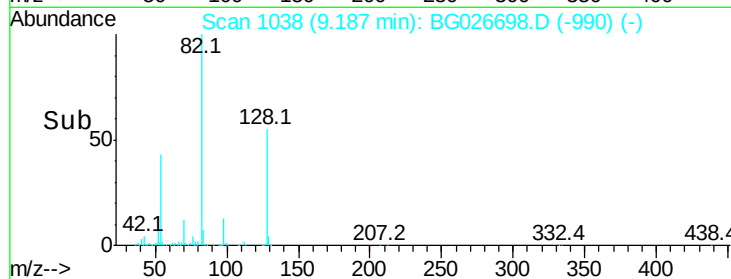
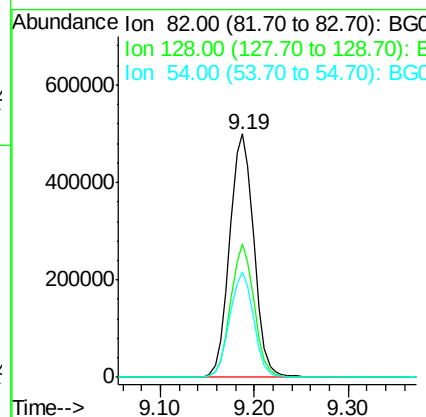
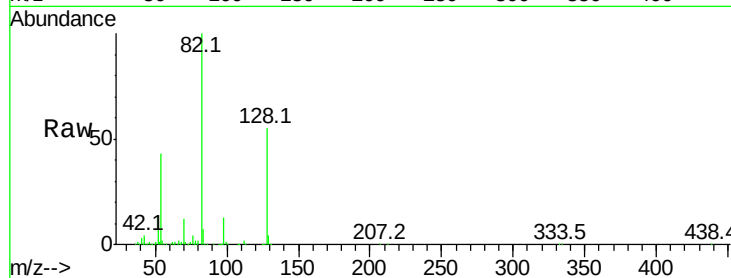




#23
 Nitrobenzene-d5
 Concen: 86.55 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BG026698.D
 Acq: 21 Apr 2017 22:49

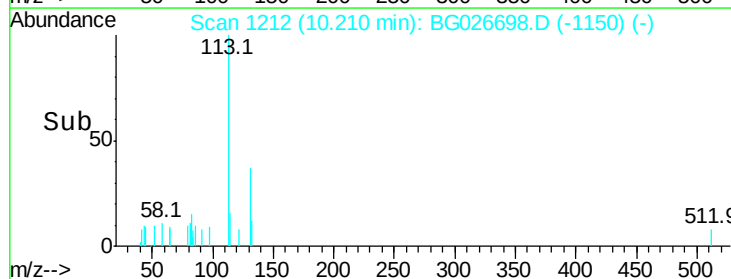
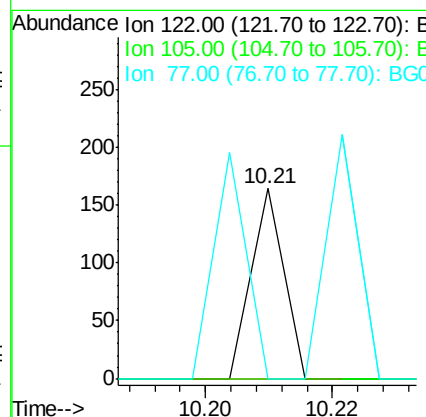
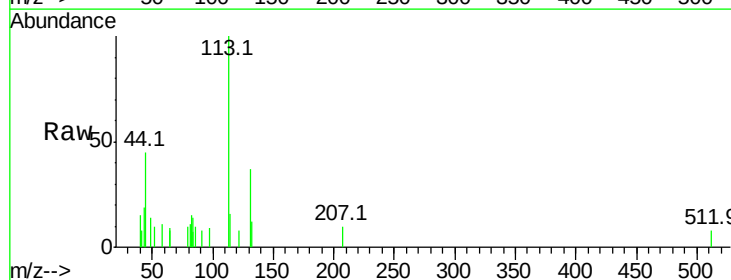
Instrument :
 BNA_G
 ClientSampleID :

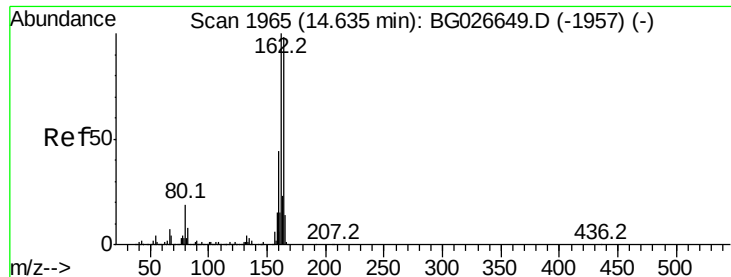
Tot Ion: 82 Resp: 895778
 Ion Ratio Lower Upper
 82 100
 128 55.1 26.4 39.6#
 54 43.2 49.4 74.2#



#32
 Benzoic acid
 Concen: 9.02 ng
 RT: 10.21 min Scan# 1212
 Delta R.T. 0.07 min
 Lab File: BG026698.D
 Acq: 21 Apr 2017 22:49

Tgt Ion: 122 Resp: 58
 Ion Ratio Lower Upper
 122 100
 105 0.0 120.1 160.1#
 77 0.0 104.6 144.6#

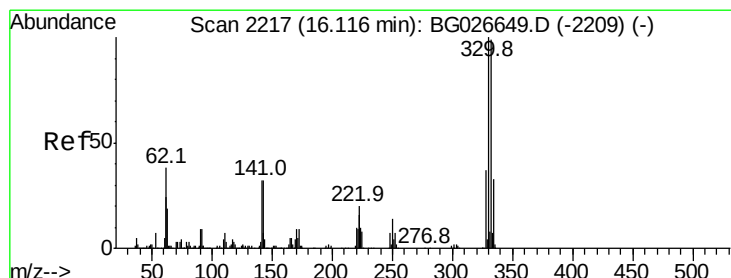
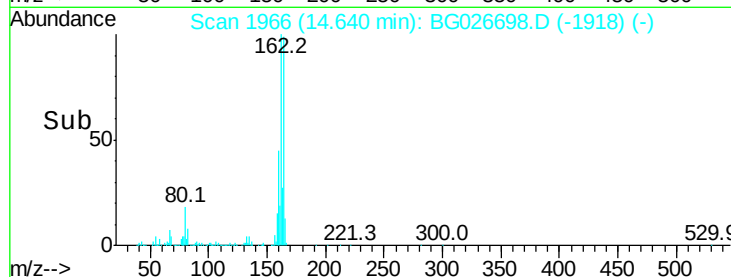
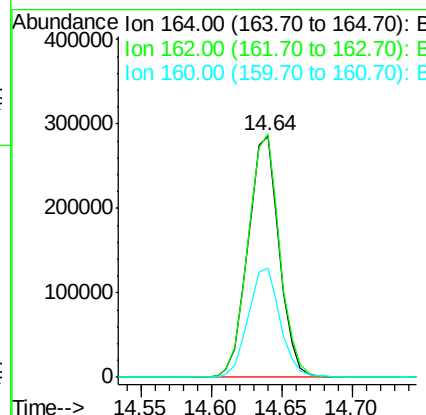
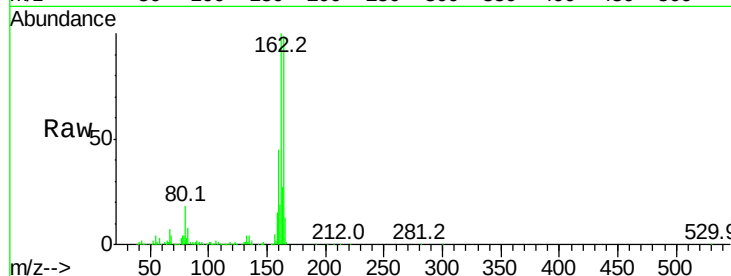




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.02 min
Lab File: BG026698.D
Acq: 21 Apr 2017 22:49

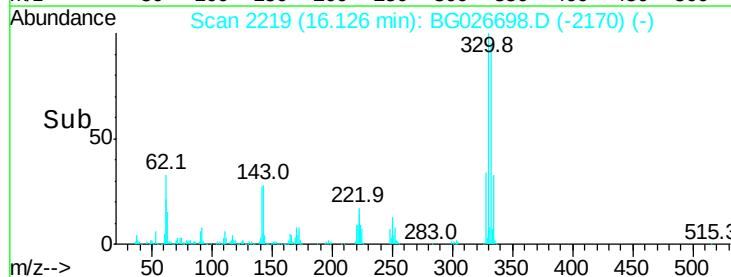
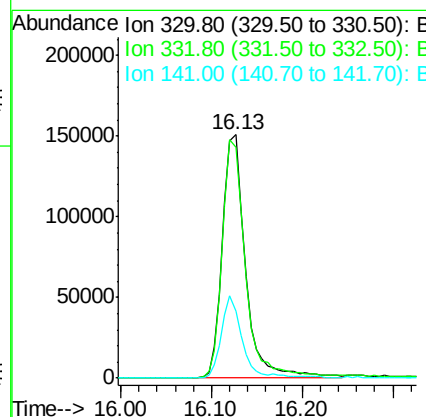
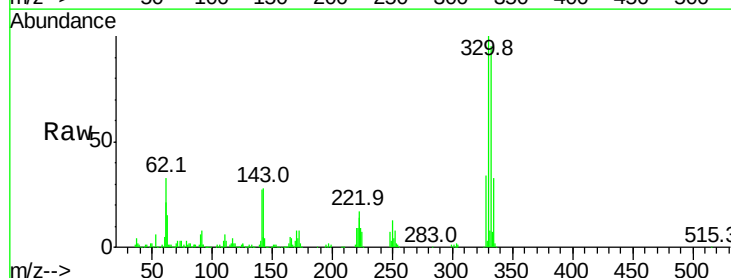
Instrument :
BNA_G
ClientSampleId :

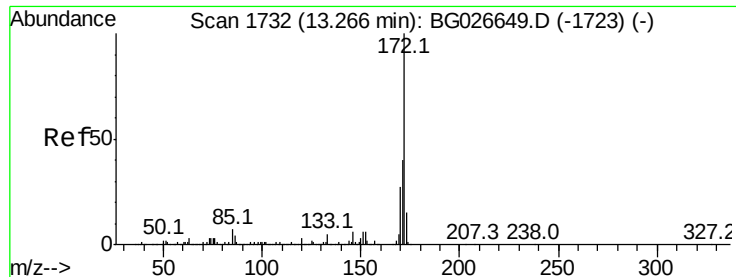
Tot Ion:164 Resp: 442772
Ion Ratio Lower Upper
164 100
162 100.9 85.1 127.7
160 45.5 34.7 52.1



#41
2,4,6-Tribromophenol
Concen: 43.59 ng
RT: 16.13 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BG026698.D
Acq: 21 Apr 2017 22:49

Tgt Ion:330 Resp: 268948
Ion Ratio Lower Upper
330 100
332 100.1 77.3 115.9
141 30.6 32.1 48.1#

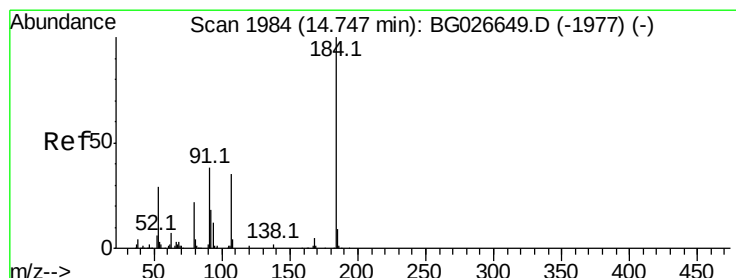
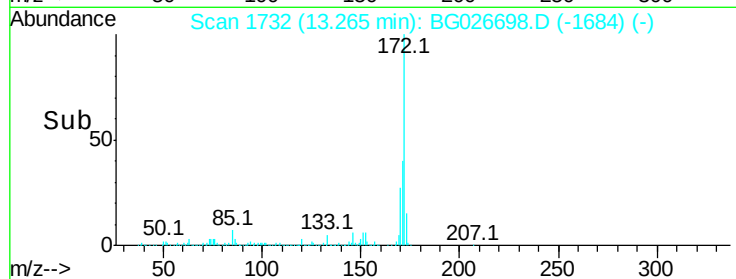
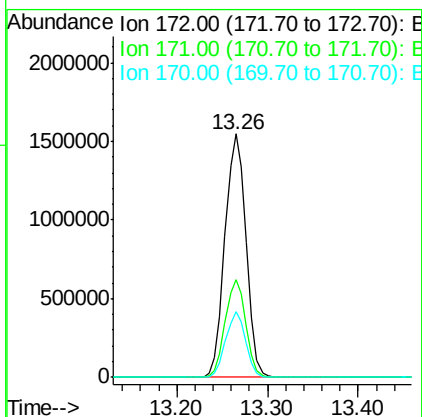
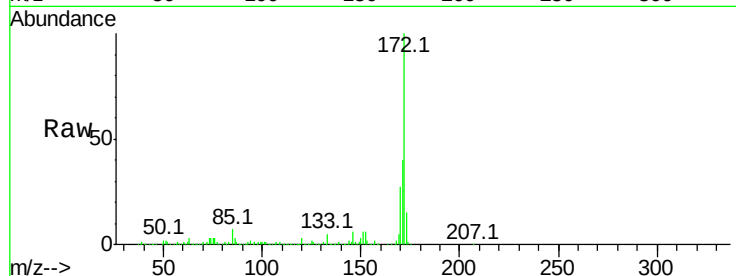




#44
2-Fluorobiphenyl
Concen: 84.11 ng
RT: 13.26 min Scan# 1732
Delta R.T. -0.02 min
Lab File: BG026698.D
Acq: 21 Apr 2017 22:49

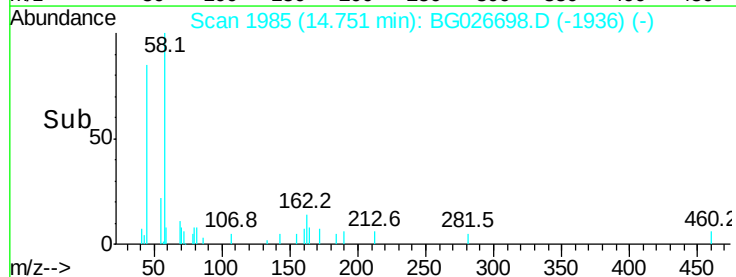
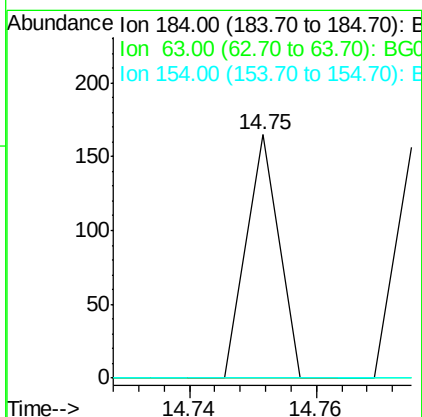
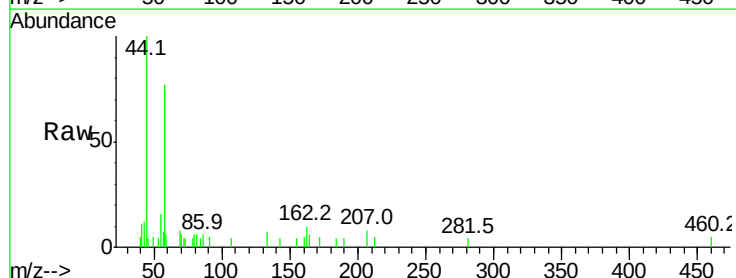
Instrument :
BNA_G
ClientSampleId :

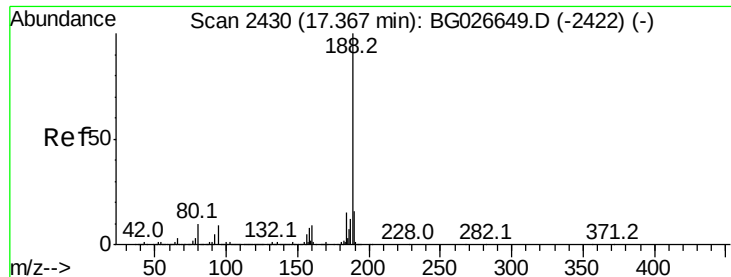
Tot Ion:172 Resp: 2500555
Ion Ratio Lower Upper
172 100
171 40.2 32.2 48.2
170 27.0 21.8 32.6



#53
2,4-Dinitrophenol
Concen: 8.76 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG026698.D
Acq: 21 Apr 2017 22:49

Tgt Ion:184 Resp: 58
Ion Ratio Lower Upper
184 100
63 0.0 52.7 79.1#
154 0.0 57.3 85.9#

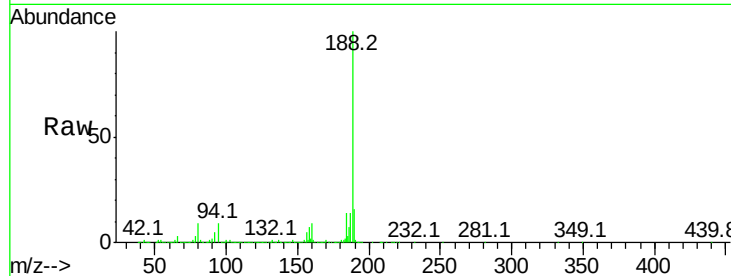




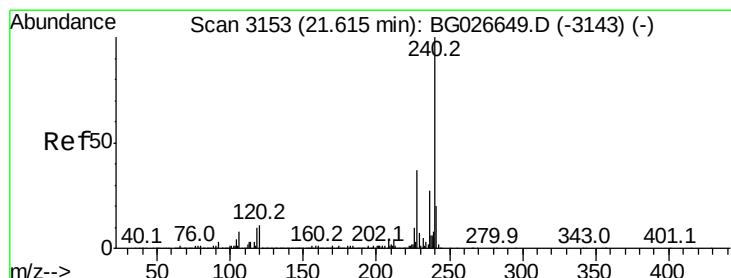
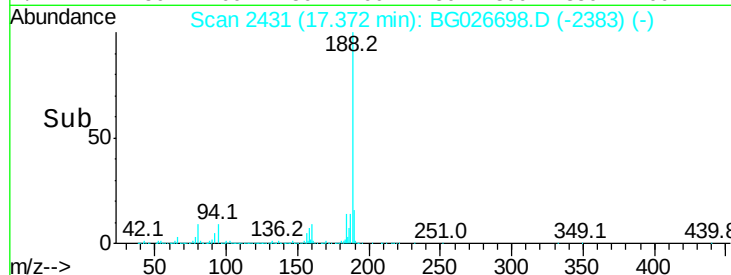
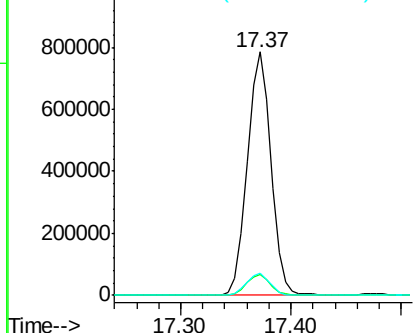
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BG026698.D
Acq: 21 Apr 2017 22:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 1182556
Ion Ratio Lower Upper
188 100
94 8.8 5.8 8.8#
80 9.2 7.5 11.3

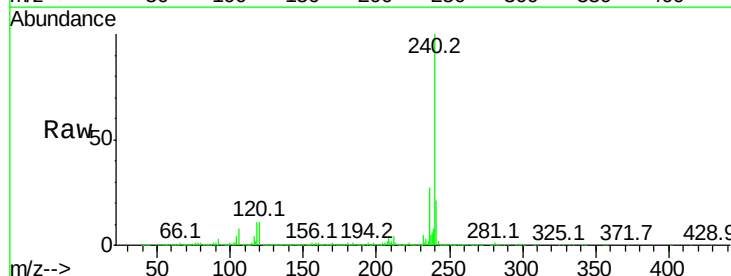


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

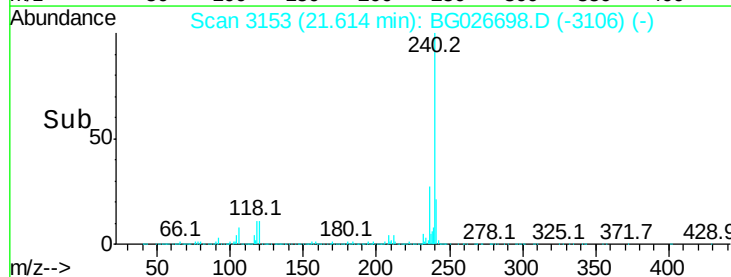
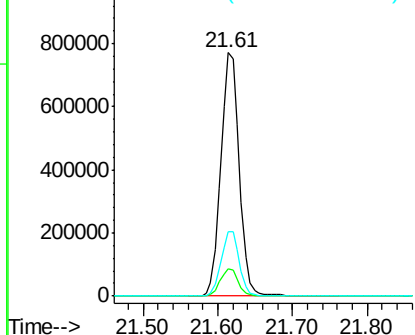


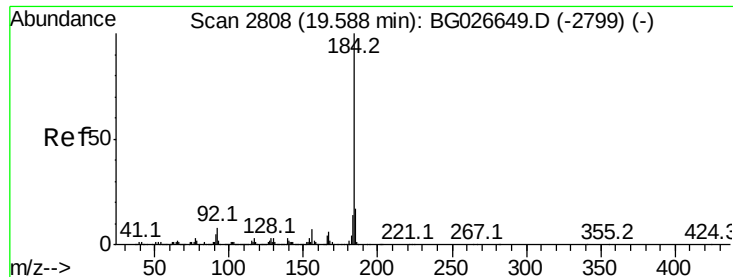
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.02 min
Lab File: BG026698.D
Acq: 21 Apr 2017 22:49

Tgt Ion:240 Resp: 1317085
Ion Ratio Lower Upper
240 100
120 11.5 5.7 8.5#
236 26.6 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: 3.74 ng

RT: 19.61 min Scan# 2812

Delta R.T. 0.01 min

Lab File: BG026698.D

Acq: 21 Apr 2017 22:49

Instrument :

BNA_G

ClientSampled :

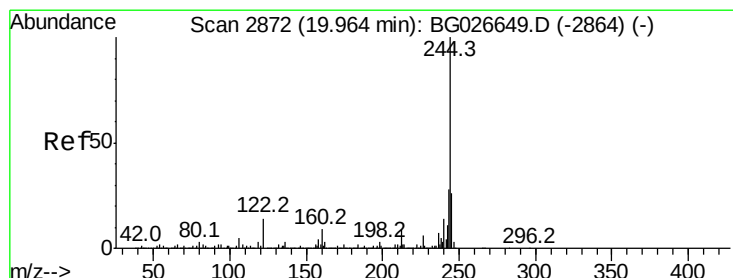
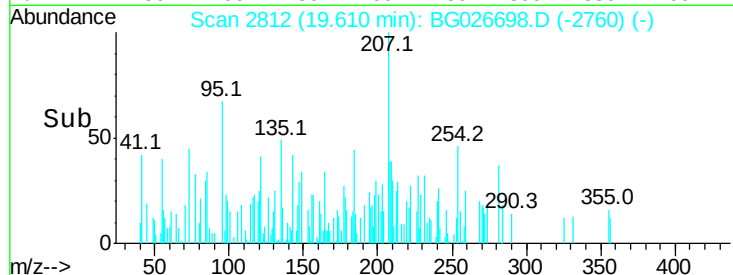
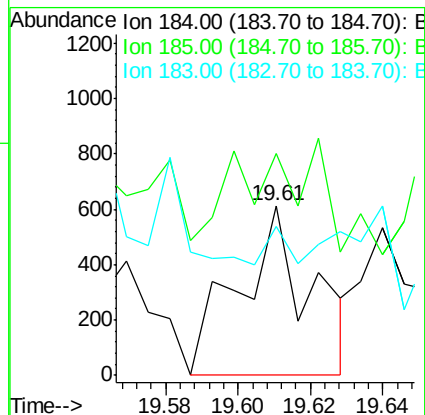
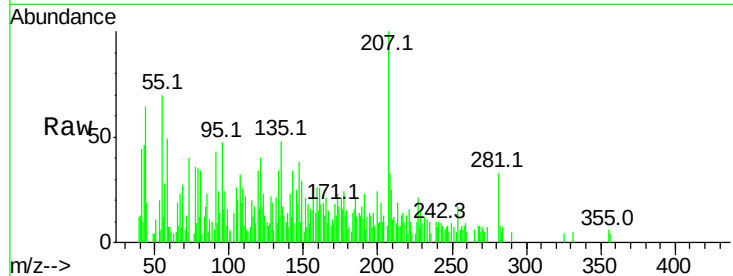
Tot Ion:184 Resp: 841

Ion Ratio Lower Upper

184 100

185 131.2 13.0 19.6#

183 87.9 11.0 16.6#



#78

Terphenyl-d14

Concen: 77.82 ng

RT: 19.97 min Scan# 2873

Delta R.T. -0.02 min

Lab File: BG026698.D

Acq: 21 Apr 2017 22:49

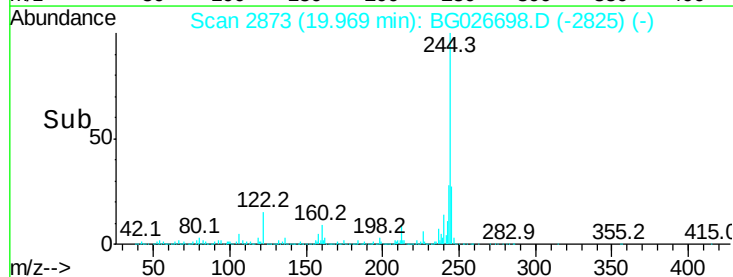
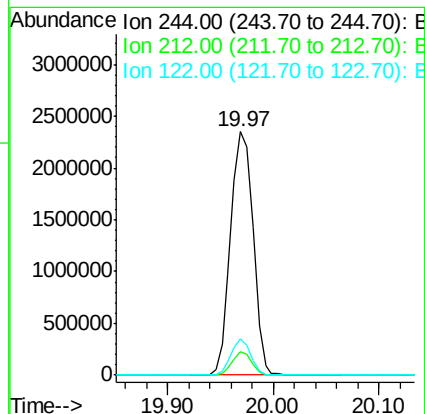
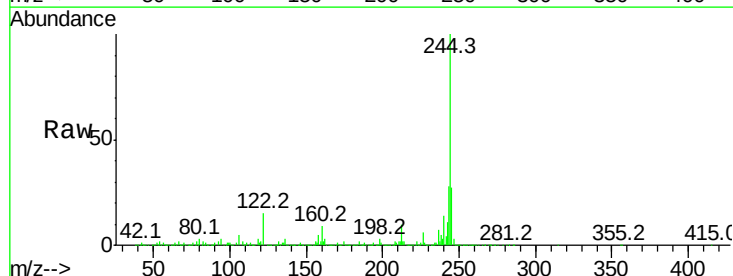
Tgt Ion:244 Resp: 3471862

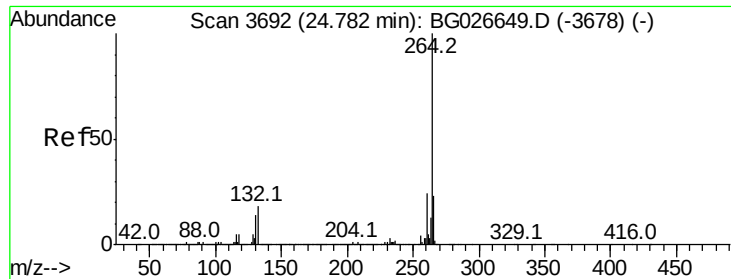
Ion Ratio Lower Upper

244 100

212 9.5 10.0 15.0#

122 14.8 8.6 12.8#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.79 min Scan# 3693
Delta R.T. -0.03 min
Lab File: BG026698.D
Acq: 21 Apr 2017 22:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 1297977

Ion	Ratio	Lower	Upper
264	100		
260	24.1	21.8	32.8
265	22.4	18.2	27.4

