

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061417\
 Data File : BG027449.D
 Acq On : 15 Jun 2017 12:56
 Operator : SJ/MA
 Sample : I3660-19RE
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 15 14:30:13 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG061417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 19:09:08 2017
 Response via : Initial Calibration

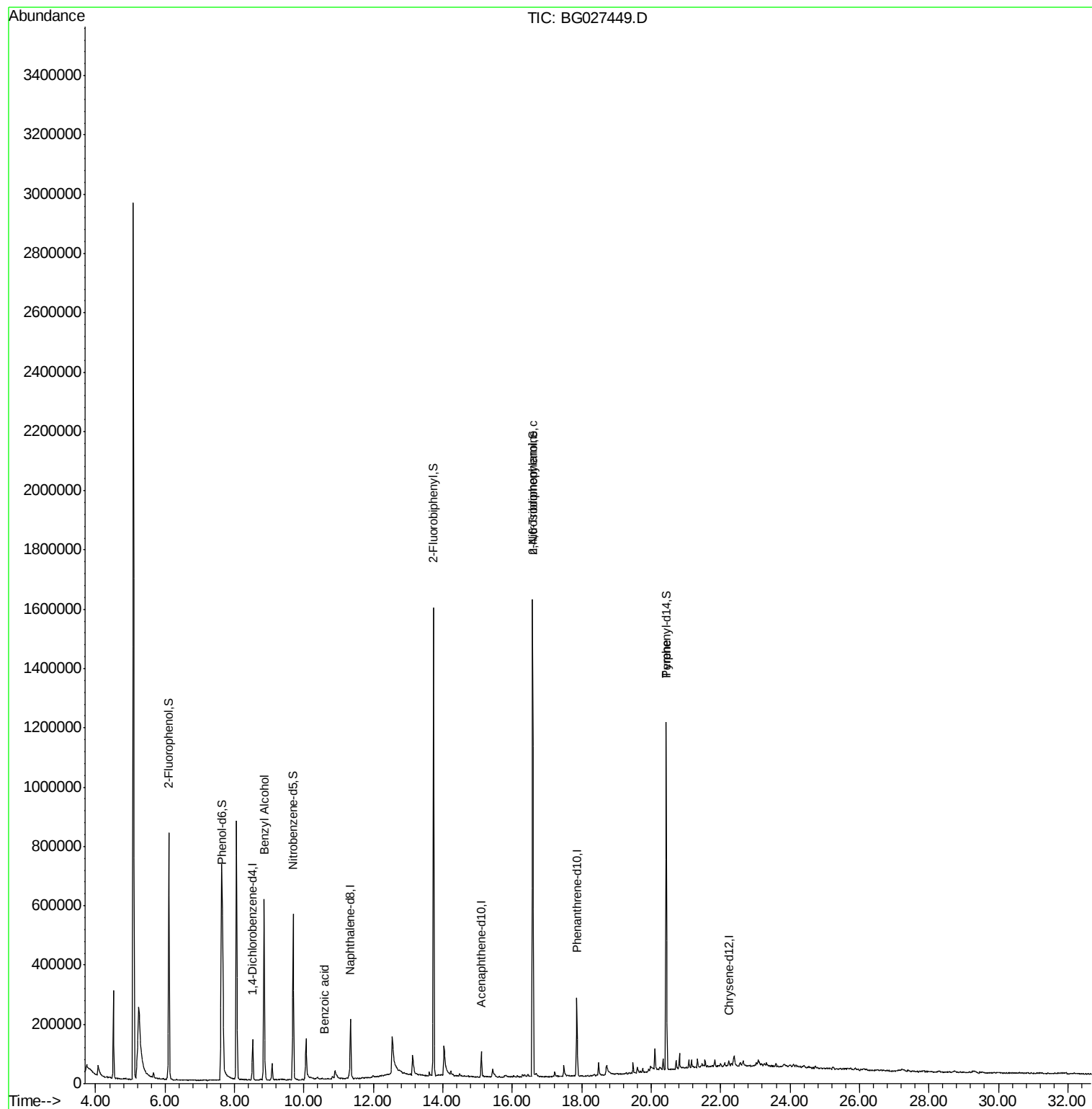
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.53	152	37323	20.00	ng	0.00
21) Naphthalene-d8	11.34	136	166580	20.00	ng	0.00
38) Acenaphthene-d10	15.11	164	21535	20.00	ng	0.00
63) Phenanthrene-d10	17.86	188	106969	20.00	ng	0.00
75) Chrysene-d12	22.23	240	6195	20.00	ng	0.00
86) Perylene-d12	0.00	264	0	0.00	ng	-25.90
System Monitoring Compounds						
5) 2-Fluorophenol	6.11	112	371246	140.57	ng	0.00
7) Phenol-d6	7.66	99	142837	35.19	ng	0.00
23) Nitrobenzene-d5	9.69	82	377483	115.53	ng	0.00
41) 2,4,6-Tribromophenol	16.59	330	323326	1000.37	ng	0.00
44) 2-Fluorobiphenyl	13.73	172	802077	538.05	ng	0.00
78) Terphenyl-d14	20.43	244	309329	1279.77	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.85	79	6089	2.07	ng	# 47
32) Benzoic acid	10.60	122	66	8.69	ng	# 1
65) n-Nitrosodiphenylamine	16.59	169	10842	3.25	ng	# 49
77) Pyrene	20.44	202	1348	3.95	ng	# 15

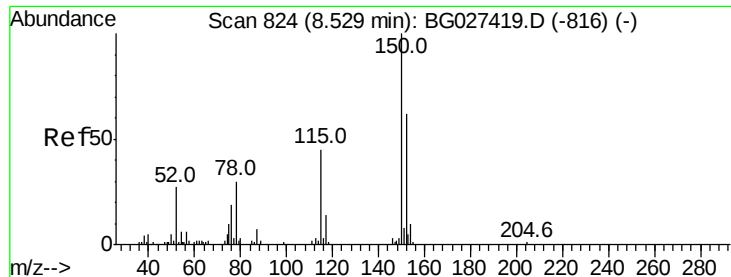
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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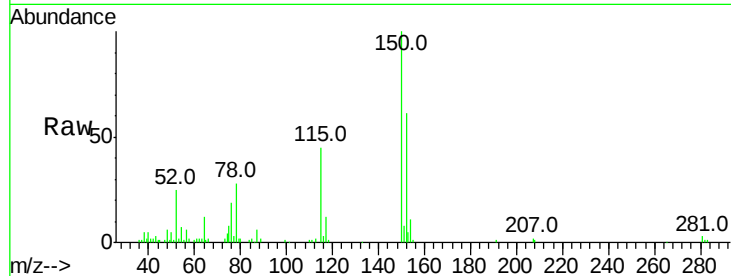


#1

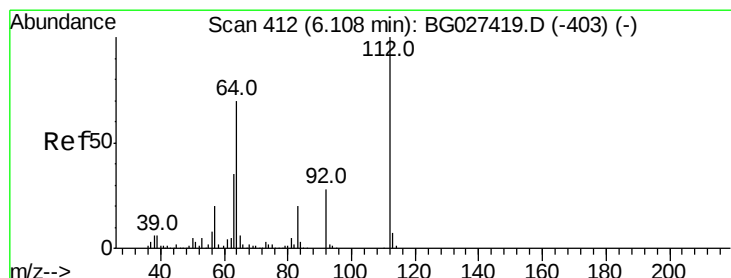
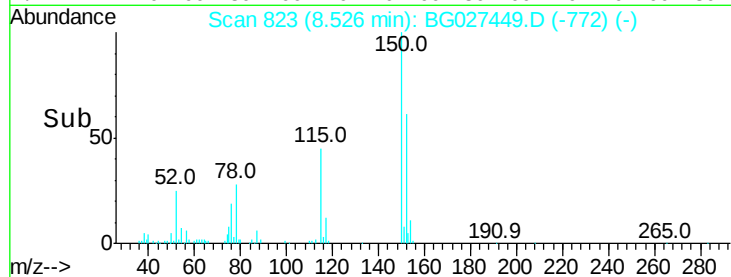
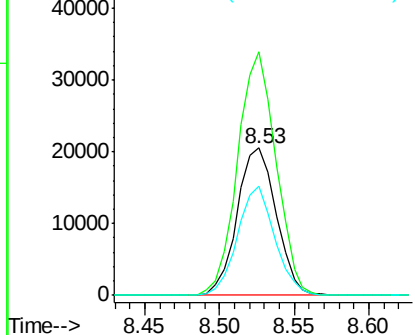
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.53 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG027449.D
Acq: 15 Jun 2017 12:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 37323
Ion Ratio Lower Upper
152 100
150 165.1 114.0 171.0
115 74.1 48.1 72.1#



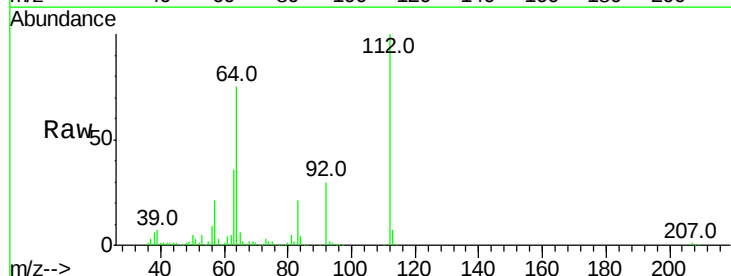
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



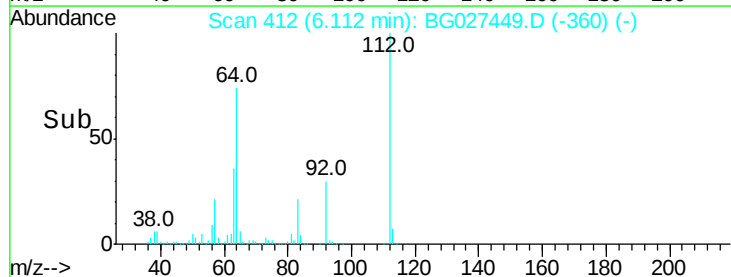
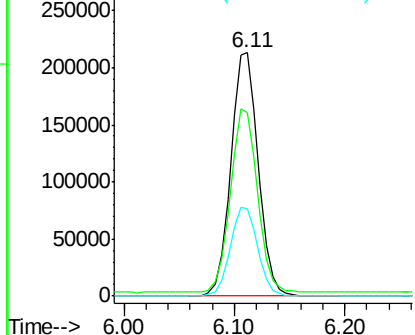
#5

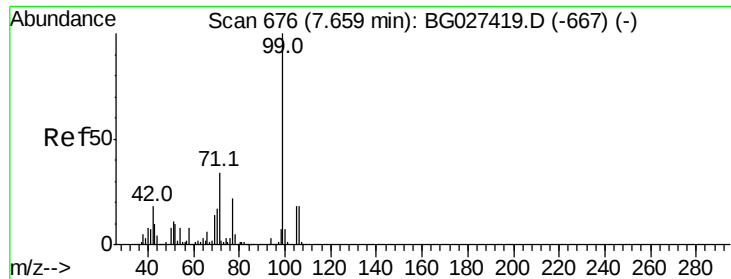
2-Fluorophenol
Concen: 140.57 ng
RT: 6.11 min Scan# 412
Delta R.T. 0.00 min
Lab File: BG027449.D
Acq: 15 Jun 2017 12:56

Tgt Ion:112 Resp: 371246
Ion Ratio Lower Upper
112 100
64 75.5 61.8 92.6
63 36.1 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: 35.19 ng

RT: 7.66 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG027449.D

Acq: 15 Jun 2017 12:56

Instrument :

BNA_G

ClientSampled :

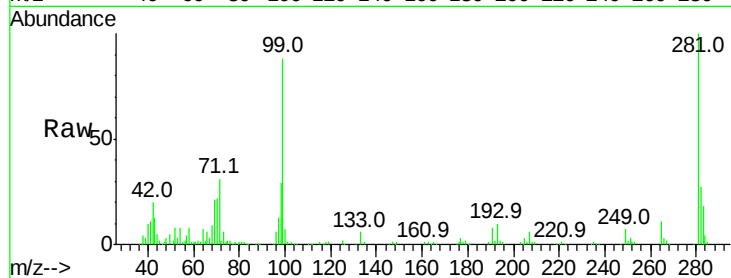
Tot Ion: 99 Resp: 142837

Ion Ratio Lower Upper

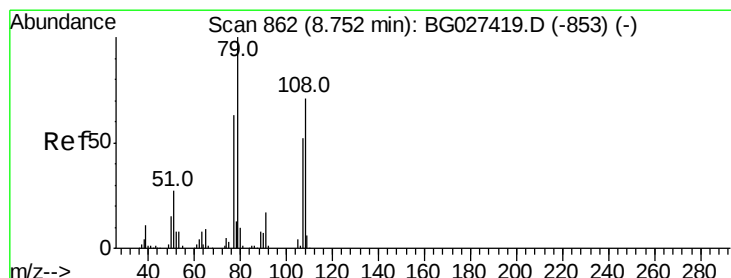
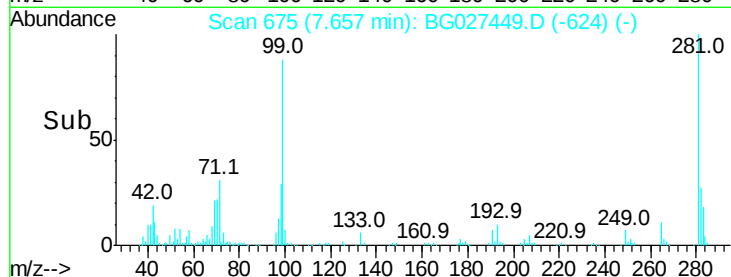
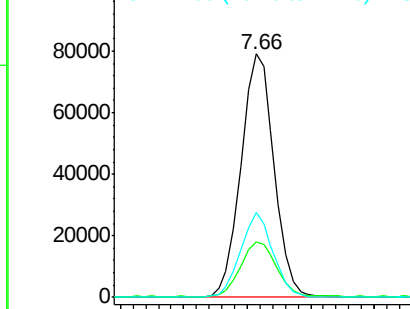
99 100

42 22.7 20.5 30.7

71 35.0 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



#15

Benzyl Alcohol

Concen: 2.07 ng

RT: 8.85 min Scan# 878

Delta R.T. 0.10 min

Lab File: BG027449.D

Acq: 15 Jun 2017 12:56

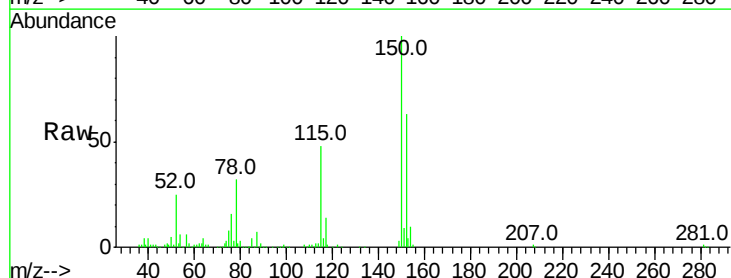
Tgt Ion: 79 Resp: 6089

Ion Ratio Lower Upper

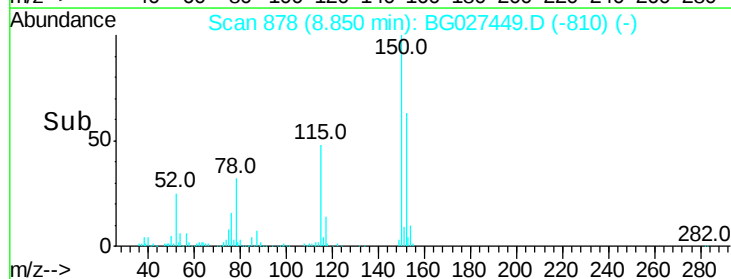
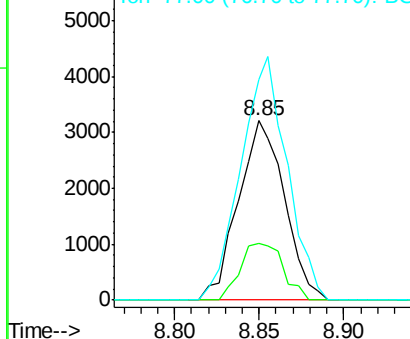
79 100

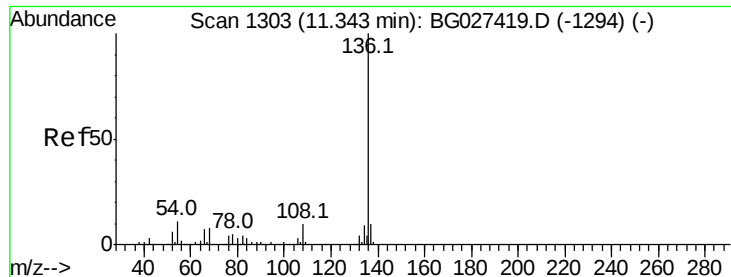
108 31.7 45.5 68.3#

77 122.9 54.3 81.5#



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

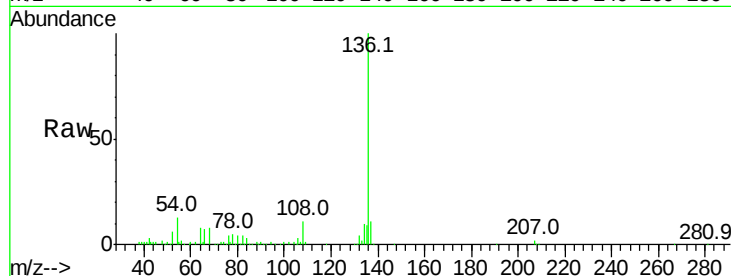




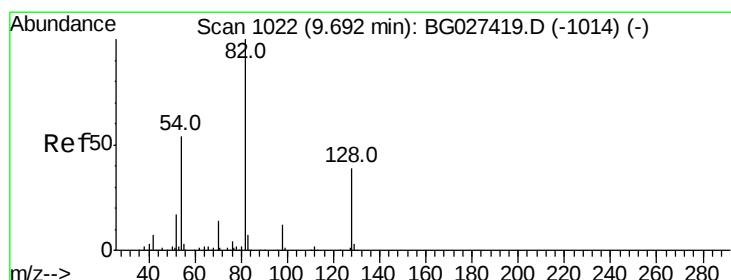
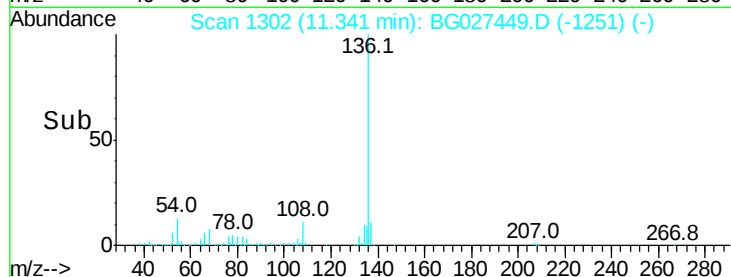
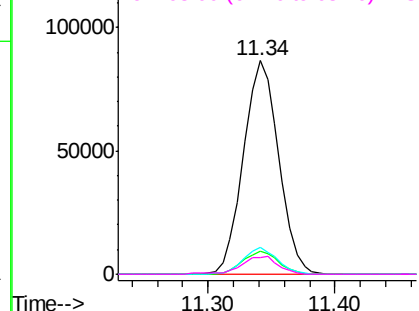
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.34 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BG027449.D
Acq: 15 Jun 2017 12:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	166580
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	12.9	9.3 13.9
68	7.9	5.1 7.7#

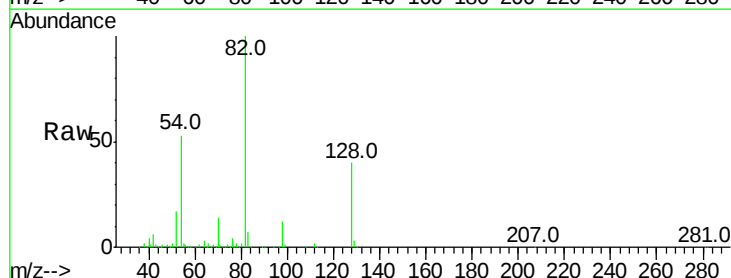


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

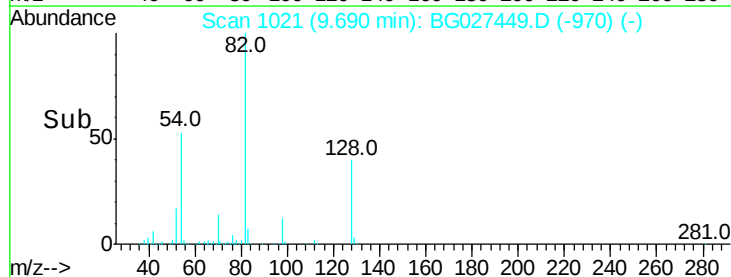
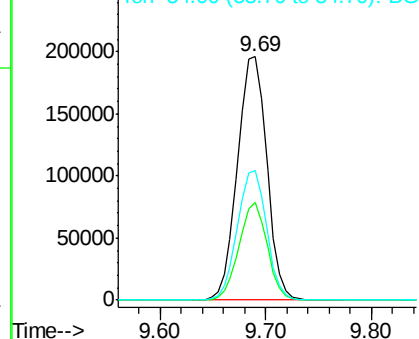


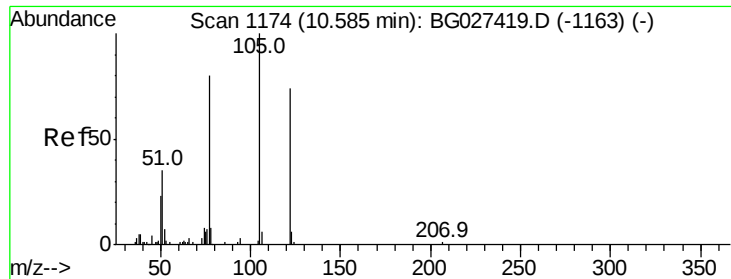
#23
Nitrobenzene-d5
Concen: 115.53 ng
RT: 9.69 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG027449.D
Acq: 15 Jun 2017 12:56

Tgt Ion: 82	Resp:	377483
Ion Ratio	Lower	Upper
82	100	
128	40.1	26.4 39.6#
54	53.1	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

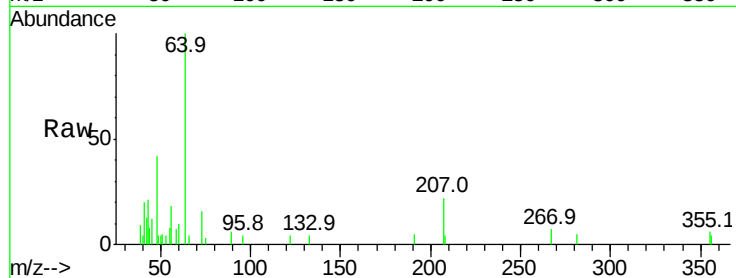




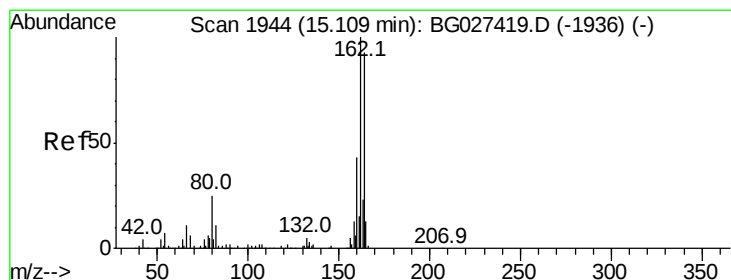
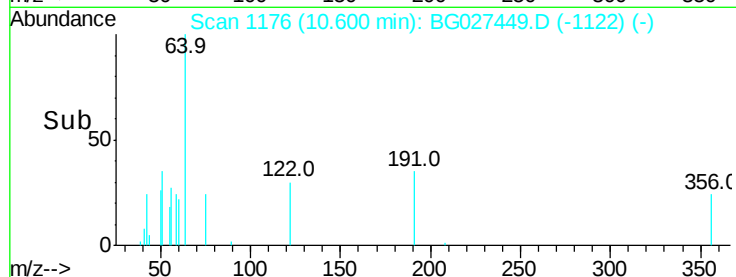
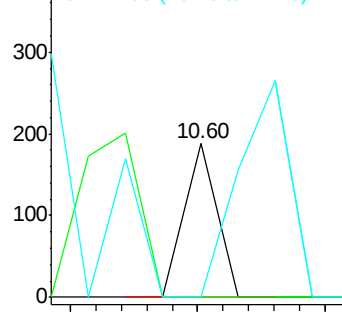
#32
Benzoic acid
Concen: 8.69 ng
RT: 10.60 min Scan# 1176
Delta R.T. 0.02 min
Lab File: BG027449.D
Acq: 15 Jun 2017 12:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	120.1	160.1#
77	0.0	104.6	144.6#

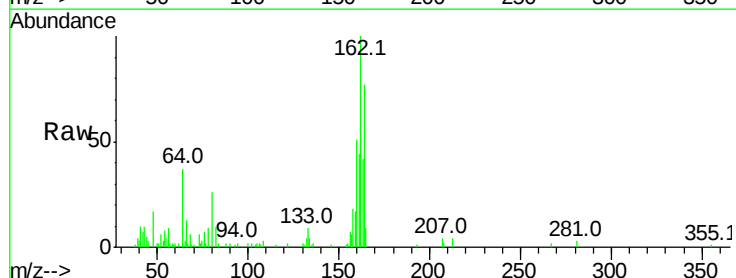


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): B

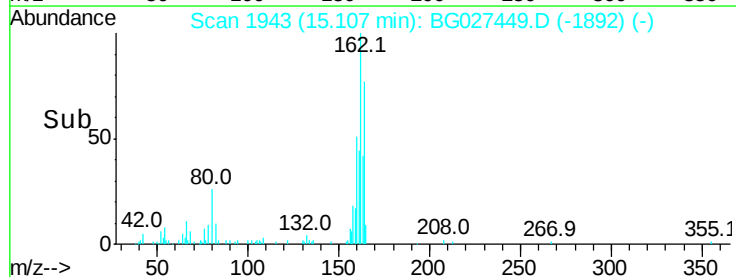
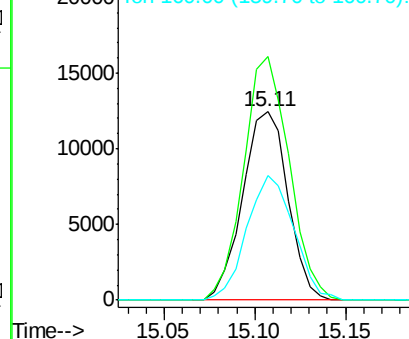


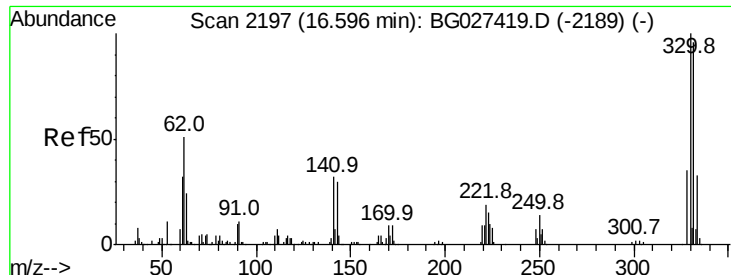
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.11 min Scan# 1943
Delta R.T. -0.00 min
Lab File: BG027449.D
Acq: 15 Jun 2017 12:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	129.4	85.1	127.7#
160	66.1	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

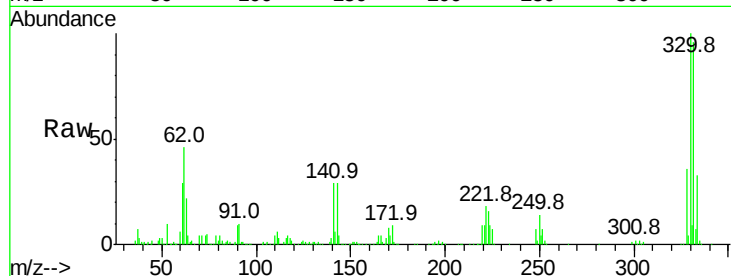




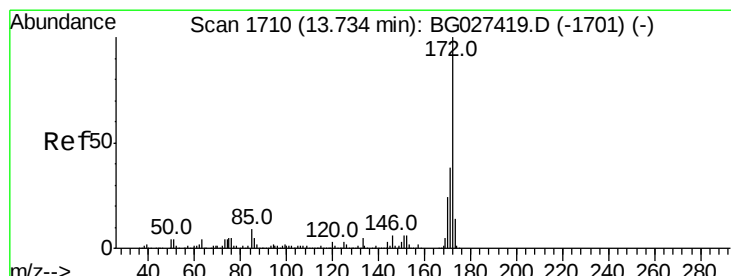
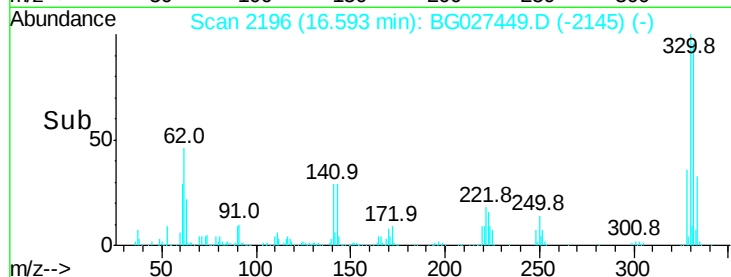
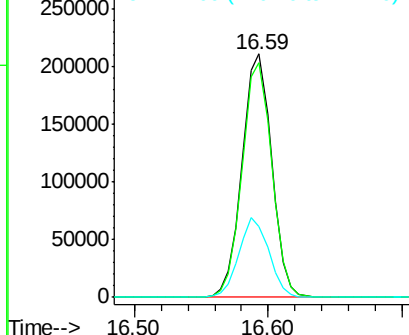
#41
 2,4,6-Tribromophenol
 Concen: 1000.37 ng
 RT: 16.59 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: BG027449.D
 Acq: 15 Jun 2017 12:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.3	115.9
141	33.3	32.1	48.1

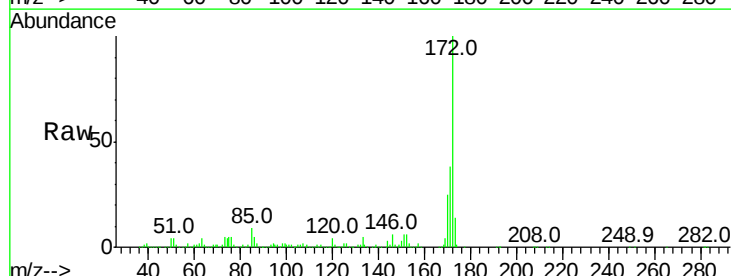


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

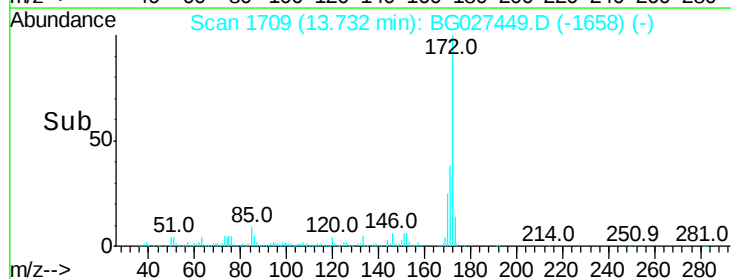
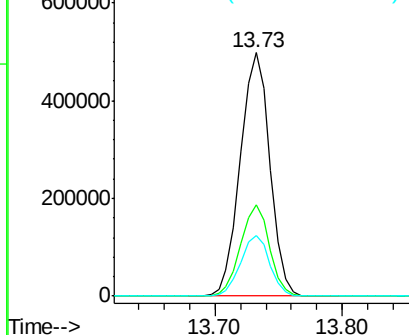


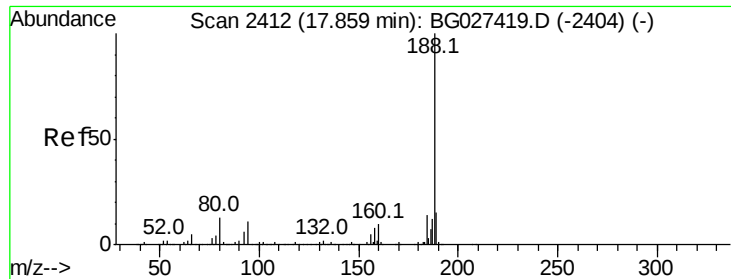
#44
 2-Fluorobiphenyl
 Concen: 538.05 ng
 RT: 13.73 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG027449.D
 Acq: 15 Jun 2017 12:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	32.2	48.2
170	24.7	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

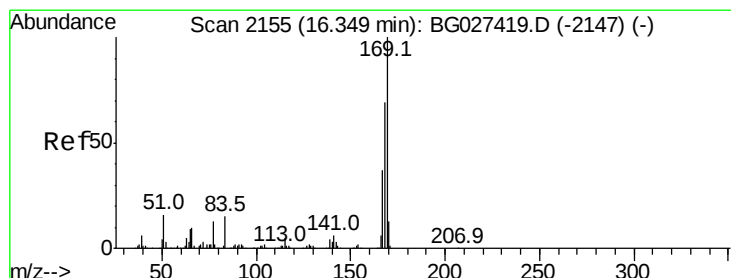
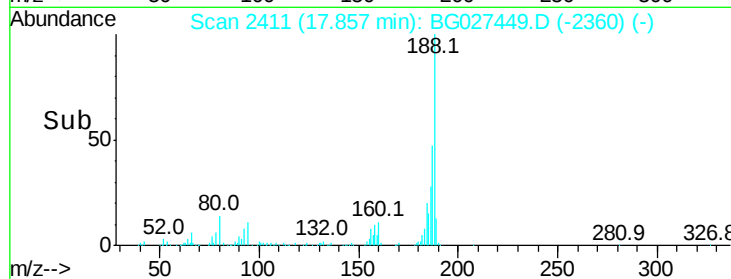
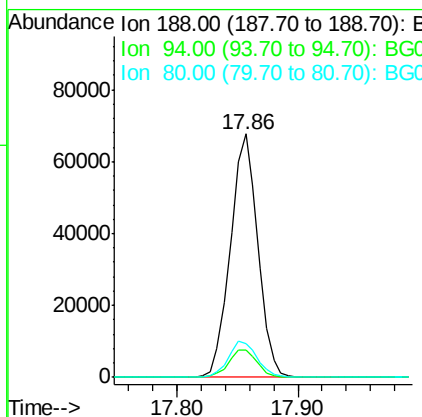
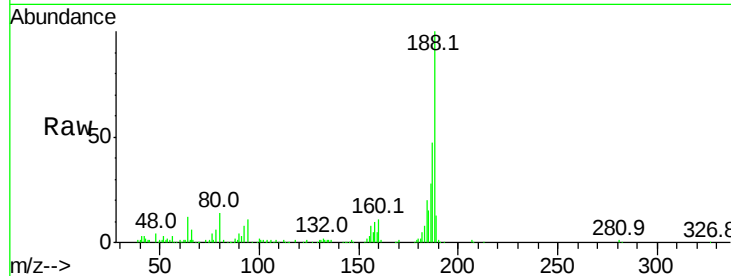




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.86 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BG027449.D
Acq: 15 Jun 2017 12:56

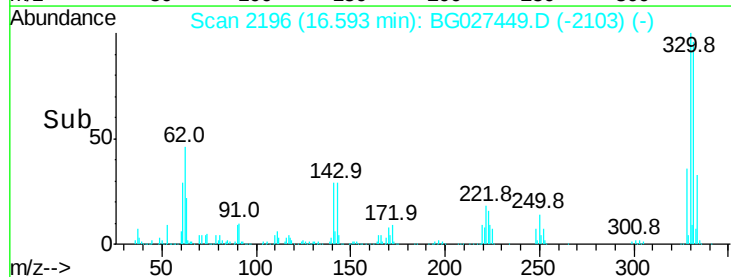
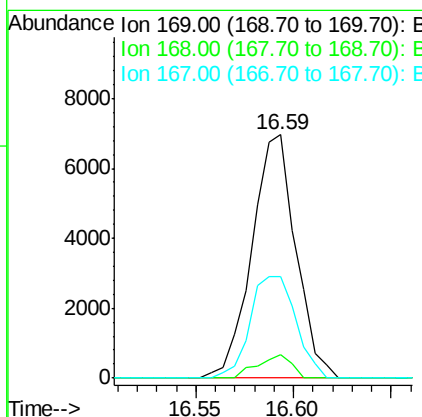
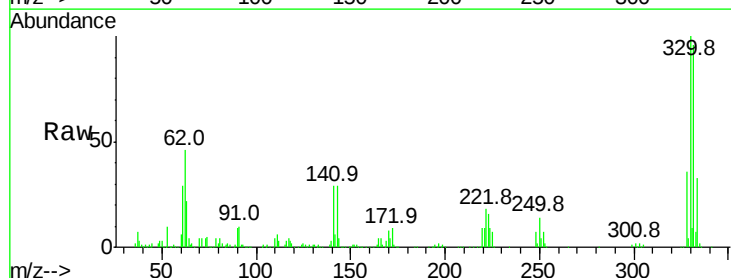
Instrument :
BNA_G
ClientSampleId :

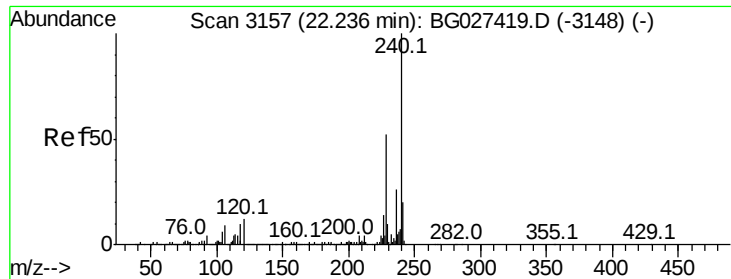
Tot Ion:188 Resp: 106969
Ion Ratio Lower Upper
188 100
94 11.0 5.8 8.8#
80 13.9 7.5 11.3#



#65
n-Nitrosodiphenylamine
Concen: 3.25 ng
RT: 16.59 min Scan# 2196
Delta R.T. 0.24 min
Lab File: BG027449.D
Acq: 15 Jun 2017 12:56

Tgt Ion:169 Resp: 10842
Ion Ratio Lower Upper
169 100
168 9.4 55.7 83.5#
167 41.6 29.8 44.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.23 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG027449.D

Acq: 15 Jun 2017 12:56

Instrument :

BNA_G

ClientSampleId :

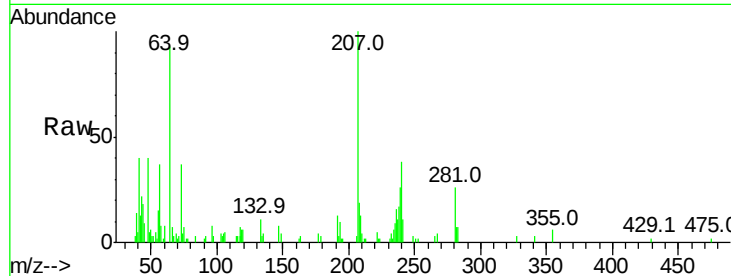
Tot Ion:240 Resp: 6195

Ion Ratio Lower Upper

240 100

120 16.2 5.7 8.5#

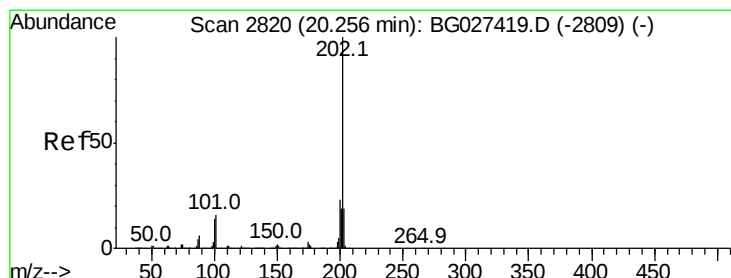
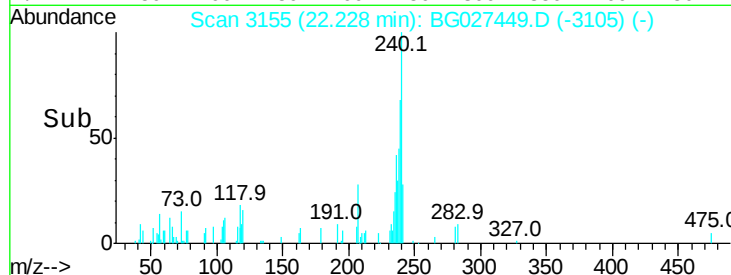
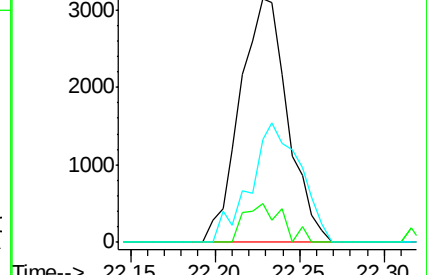
236 42.1 22.2 33.4#



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



#77

Pyrene

Concen: 3.95 ng

RT: 20.44 min Scan# 2850

Delta R.T. 0.18 min

Lab File: BG027449.D

Acq: 15 Jun 2017 12:56

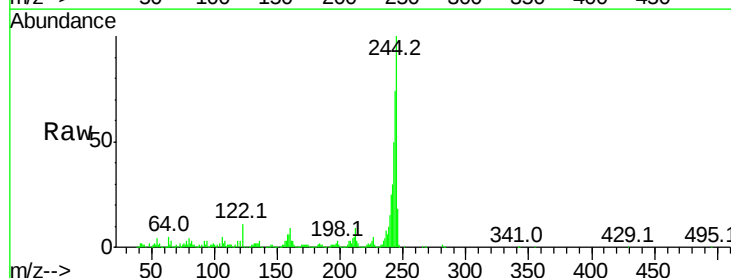
Tgt Ion:202 Resp: 1348

Ion Ratio Lower Upper

202 100

200 84.3 19.6 29.4#

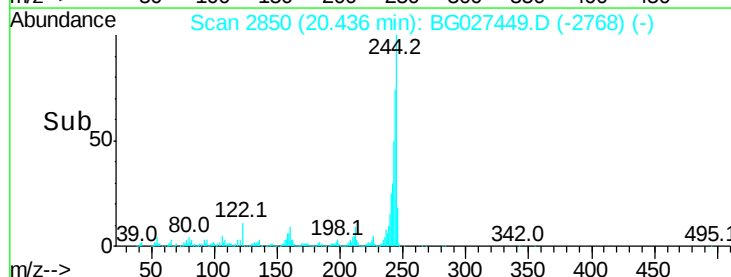
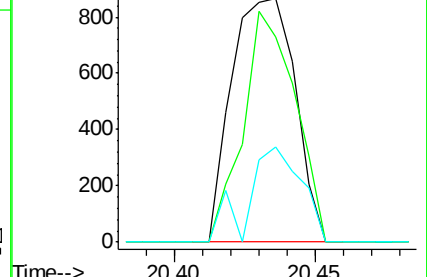
203 39.3 15.8 23.8#

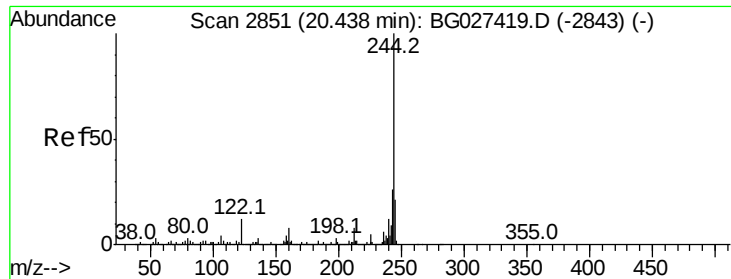


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 1279.77 ng

RT: 20.43 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG027449.D

Acq: 15 Jun 2017 12:56

Instrument :

BNA_G

ClientSampleId :

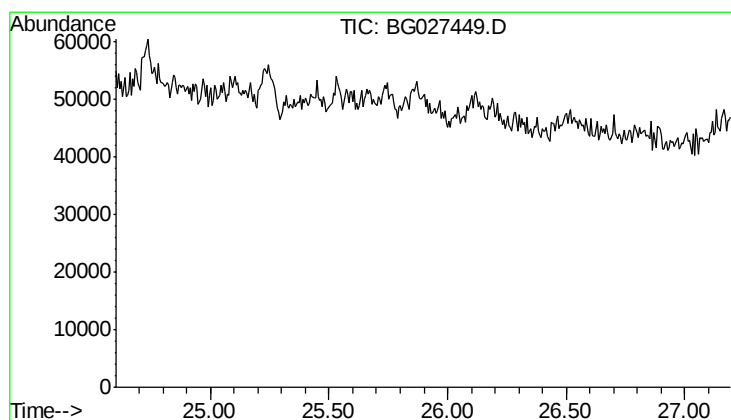
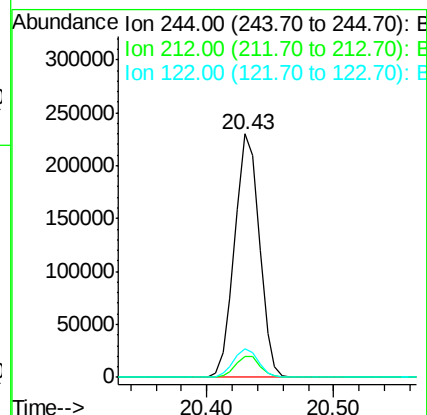
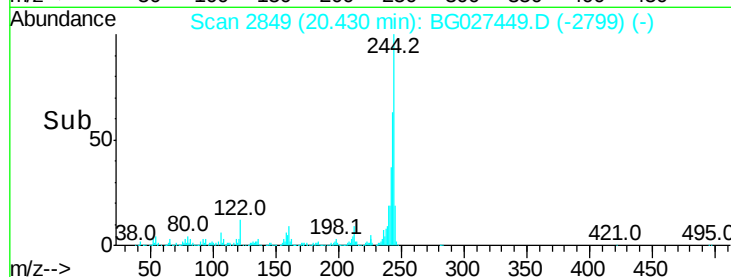
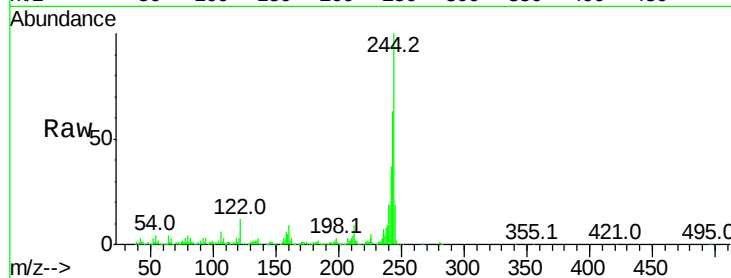
Tot Ion:244 Resp: 309329

Ion Ratio Lower Upper

244 100

212 8.7 10.0 15.0#

122 12.0 8.6 12.8



#86

Perylene-d12

Concen: 0.00 ng

Expected RT: 25.90 min

Lab File: BG027449.D

Acq: 15 Jun 2017 12:56

Tgt Ion: 264

Sig Exp Ratio

264 100

260 27.3

265 22.8

