

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062717\
 Data File : BG027699.D
 Acq On : 27 Jun 2017 14:02
 Operator : SJ/JU
 Sample : I3874-04RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 28 01:09:46 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 18:52:15 2017
 Response via : Initial Calibration

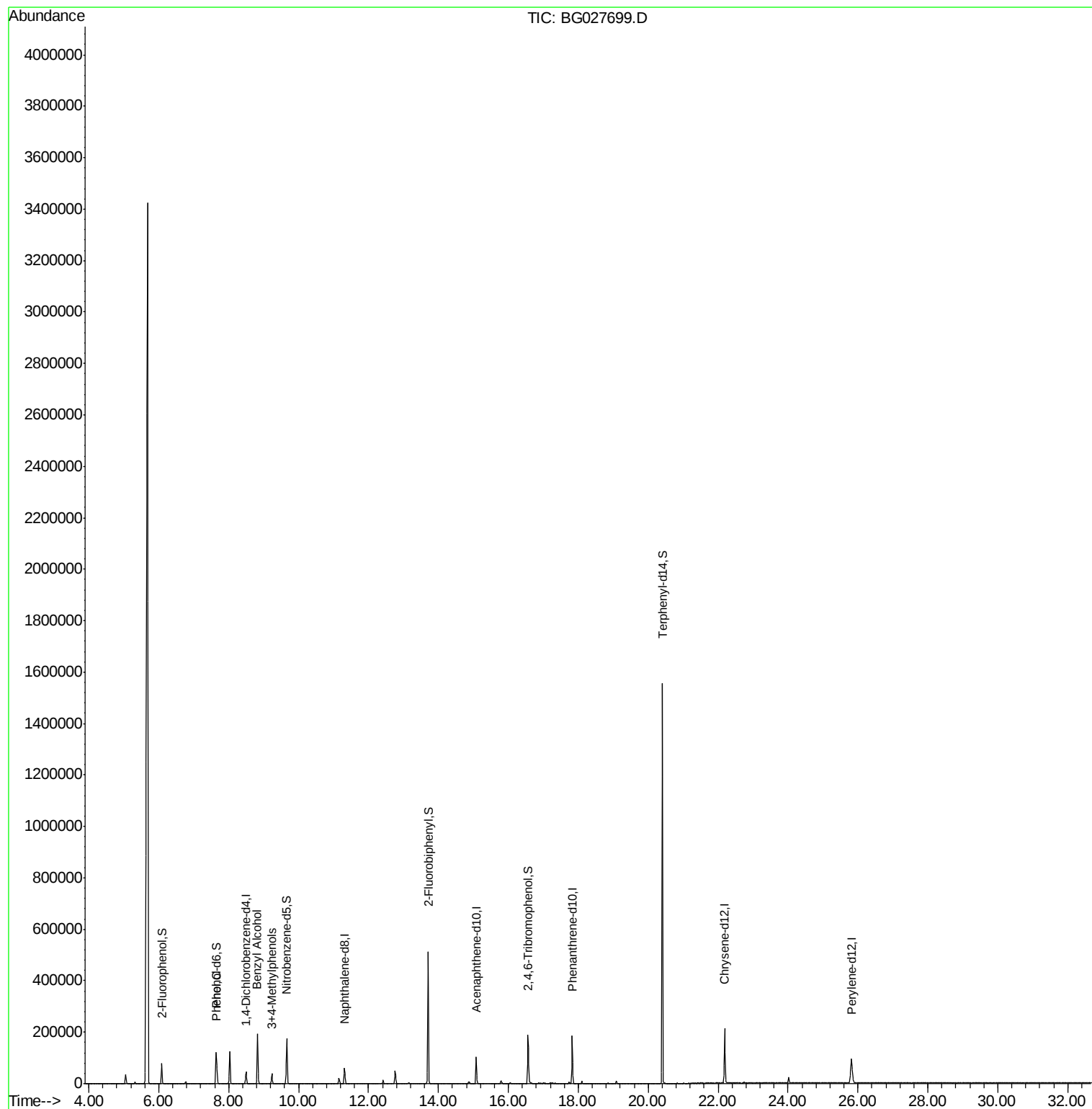
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.50	152	11939	20.00	ng	0.00
21) Naphthalene-d8	11.31	136	52634	20.00	ng	-0.01
38) Acenaphthene-d10	15.08	164	34717	20.00	ng	-0.01
63) Phenanthrene-d10	17.83	188	115940	20.00	ng	-0.01
75) Chrysene-d12	22.19	240	140742	20.00	ng	-0.03
86) Perylene-d12	25.81	264	124426	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.08	112	30901	36.84	ng	0.00
7) Phenol-d6	7.64	99	63332	51.00	ng	0.00
23) Nitrobenzene-d5	9.66	82	103855	93.37	ng	0.00
41) 2,4,6-Tribromophenol	16.57	330	36213	69.97	ng	-0.01
44) 2-Fluorobiphenyl	13.70	172	250603	98.60	ng	-0.01
78) Terphenyl-d14	20.40	244	677171	113.36	ng	-0.01
Target Compounds						
10) Phenol	7.66	94	24779	19.59	ng	Qvalue 93
15) Benzyl Alcohol	8.82	79	2040	2.06	ng	# 35
20) 3+4-Methylphenols	9.23	107	18003	14.77	ng	85

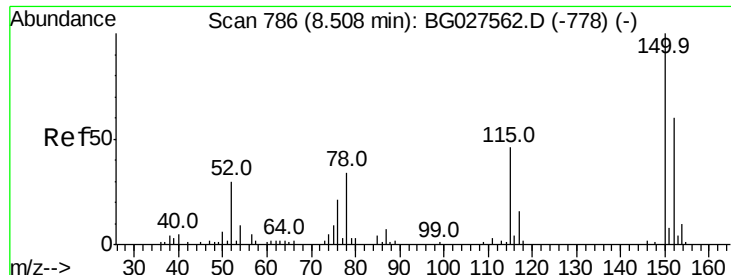
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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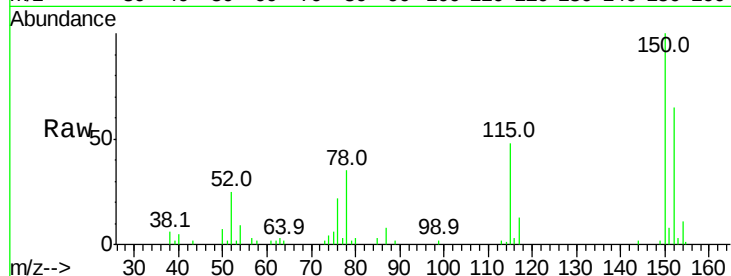


#1

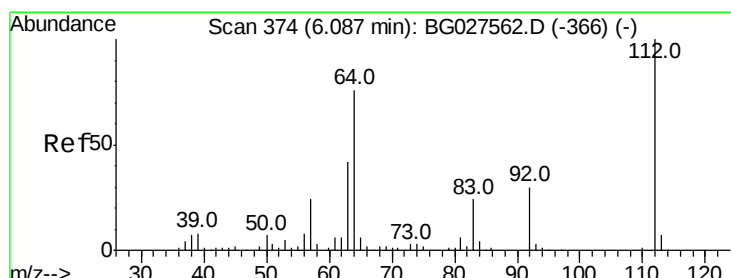
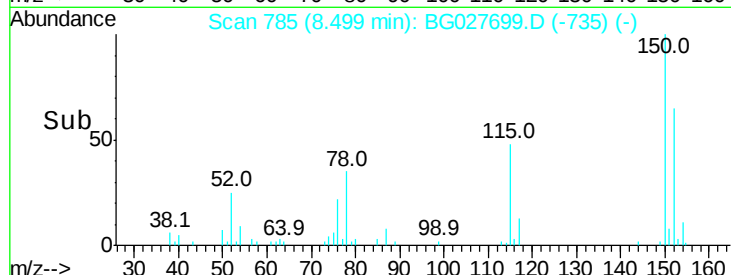
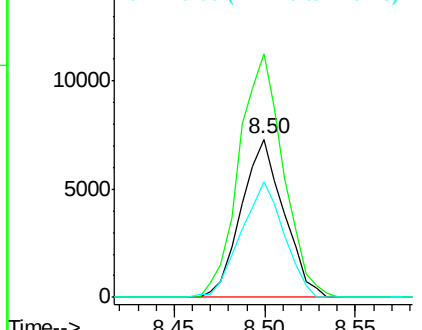
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.50 min Scan# 785
Delta R.T. -0.01 min
Lab File: BG027699.D
Acq: 27 Jun 2017 14:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 11939
Ion Ratio Lower Upper
152 100
150 153.8 114.0 171.0
115 73.4 48.1 72.1#



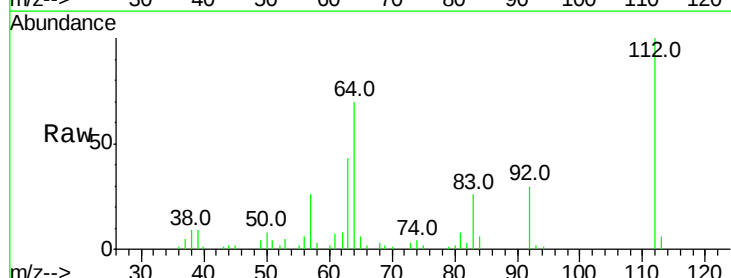
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



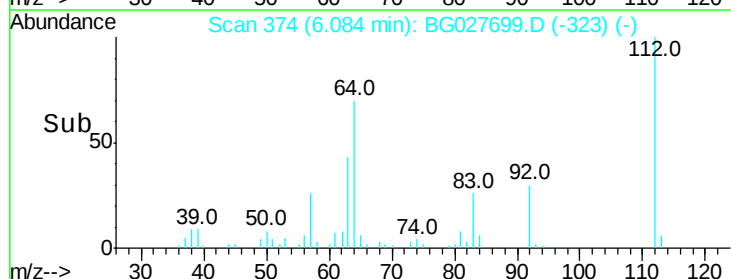
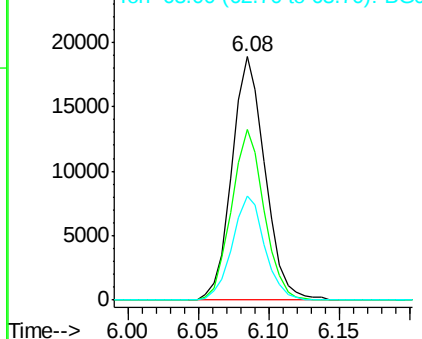
#5

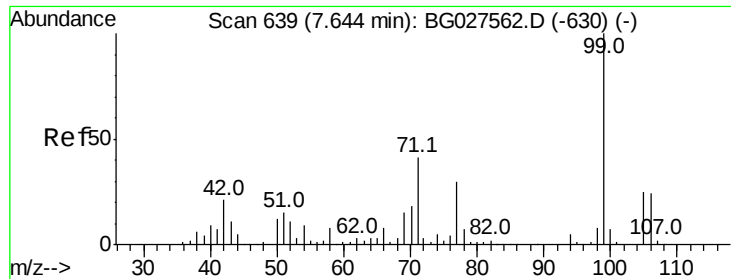
2-Fluorophenol
Concen: 36.84 ng
RT: 6.08 min Scan# 374
Delta R.T. -0.00 min
Lab File: BG027699.D
Acq: 27 Jun 2017 14:02

Tgt Ion:112 Resp: 30901
Ion Ratio Lower Upper
112 100
64 70.0 61.8 92.6
63 42.6 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: 51.00 ng

RT: 7.64 min Scan# 639

Delta R.T. -0.00 min

Lab File: BG027699.D

Acq: 27 Jun 2017 14:02

Instrument :

BNA_G

ClientSampled :

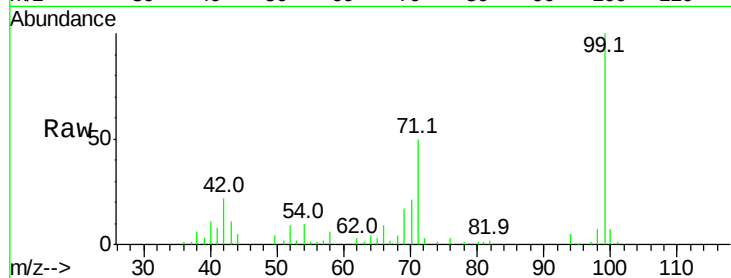
Tot Ion: 99 Resp: 63332

Ion Ratio Lower Upper

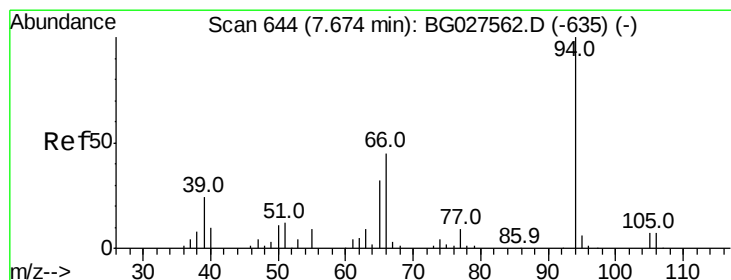
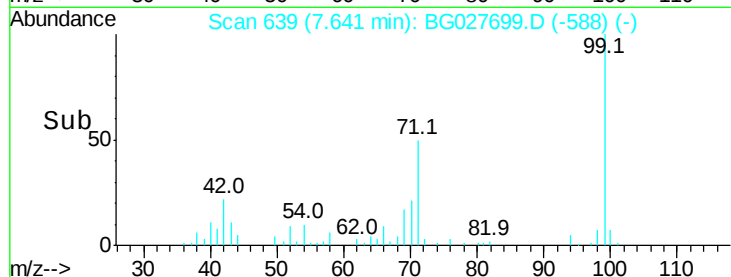
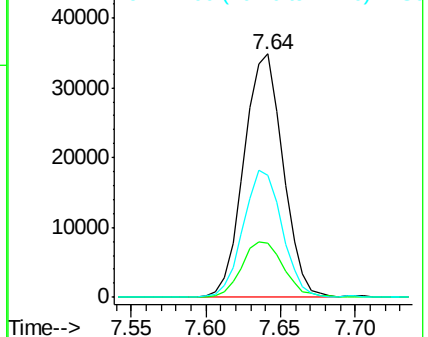
99 100

42 22.1 20.5 30.7

71 50.0 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



#10

Phenol

Concen: 19.59 ng

RT: 7.66 min Scan# 643

Delta R.T. -0.01 min

Lab File: BG027699.D

Acq: 27 Jun 2017 14:02

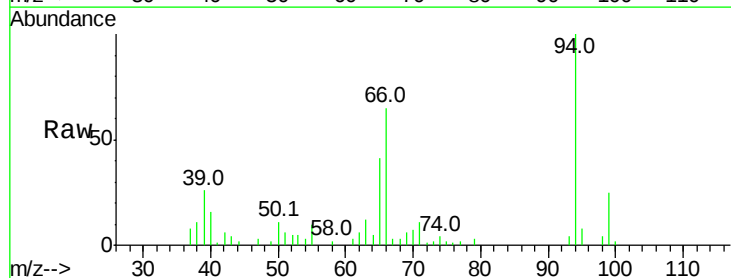
Tgt Ion: 94 Resp: 24779

Ion Ratio Lower Upper

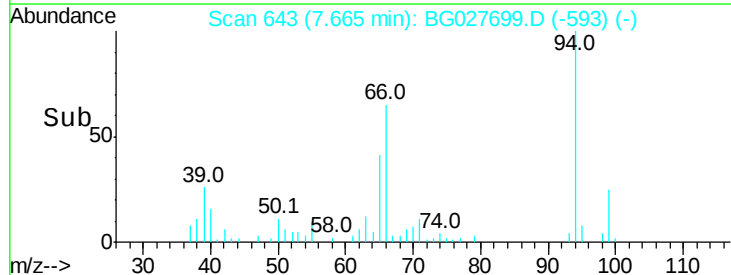
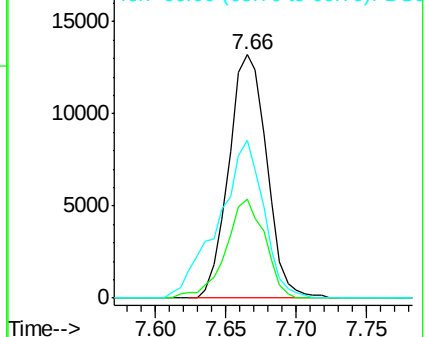
94 100

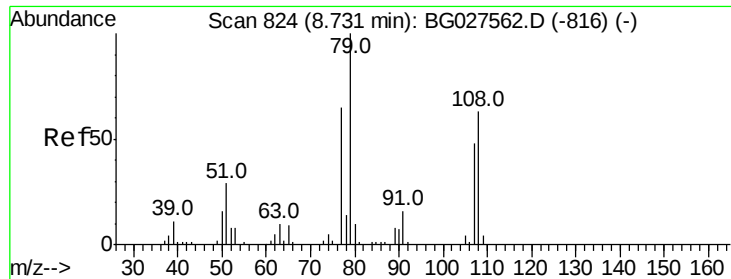
65 40.5 20.6 60.6

66 64.7 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





#15

Benzyl Alcohol

Concen: 2.06 ng

RT: 8.82 min Scan# 840

Delta R.T. 0.09 min

Lab File: BG027699.D

Acq: 27 Jun 2017 14:02

Instrument :

BNA_G

ClientSampled :

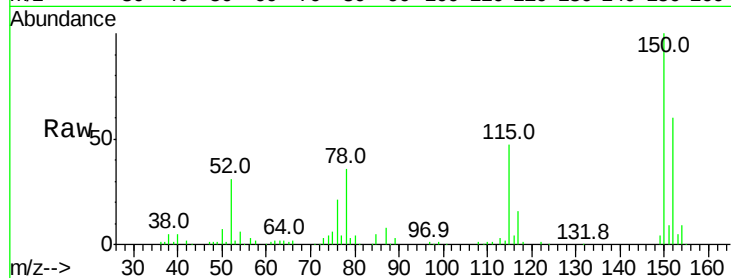
Tot Ion: 79 Resp: 2040

Ion Ratio Lower Upper

79 100

108 31.4 45.5 68.3#

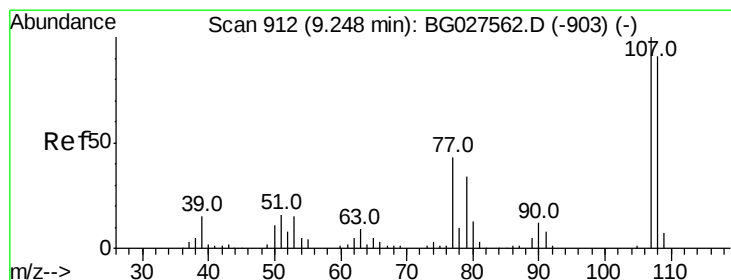
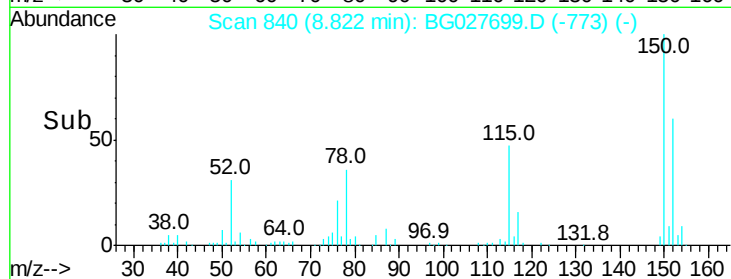
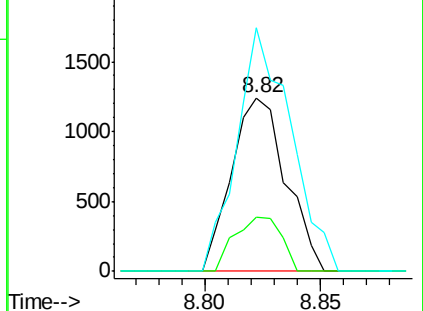
77 140.3 54.3 81.5#



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



#20

3+4-Methylphenols

Concen: 14.77 ng

RT: 9.23 min Scan# 910

Delta R.T. -0.01 min

Lab File: BG027699.D

Acq: 27 Jun 2017 14:02

Tgt Ion: 107 Resp: 18003

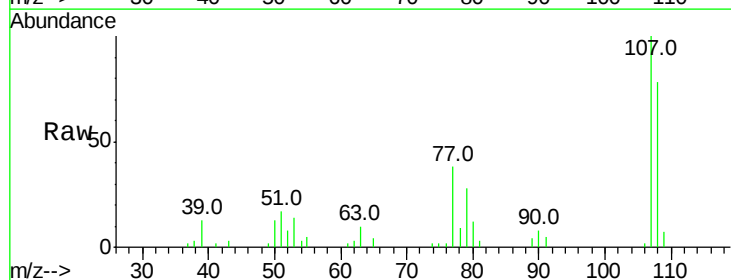
Ion Ratio Lower Upper

107 100

108 77.6 70.8 110.8

77 37.7 25.8 65.8

79 27.9 20.1 60.1

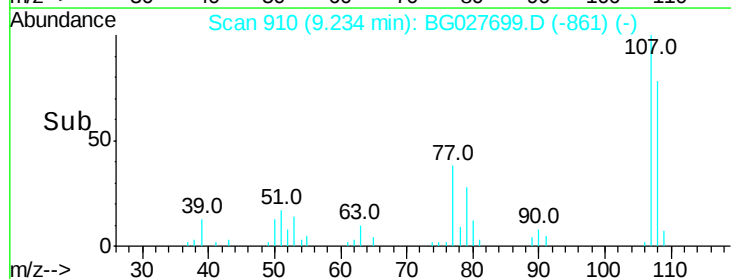
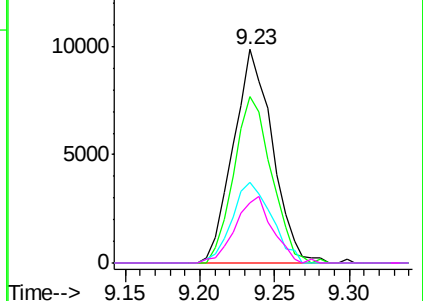


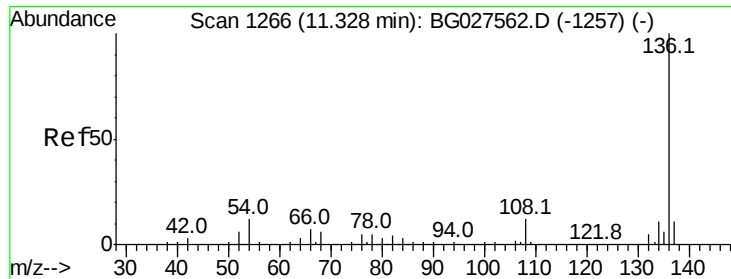
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

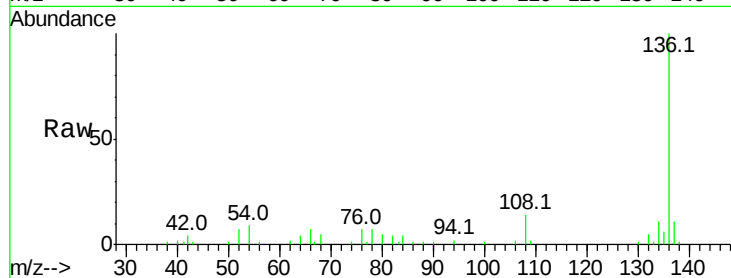




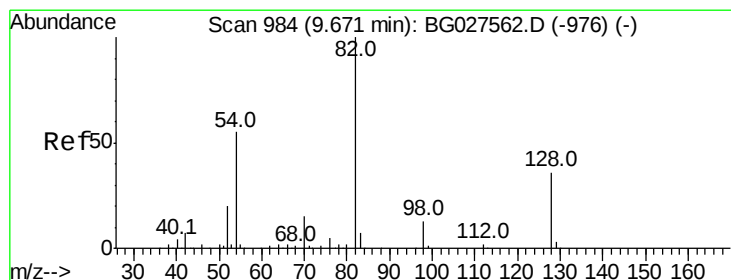
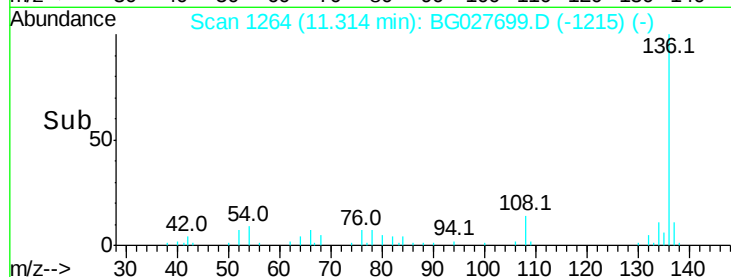
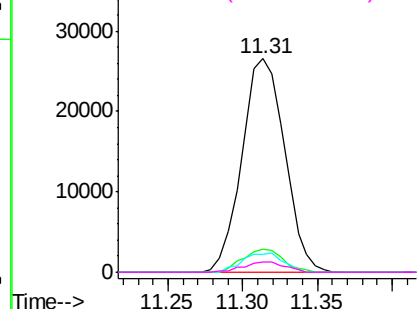
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.31 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BG027699.D
Acq: 27 Jun 2017 14:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	52634
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.6	9.3	13.9#
68	4.9	5.1	7.7#

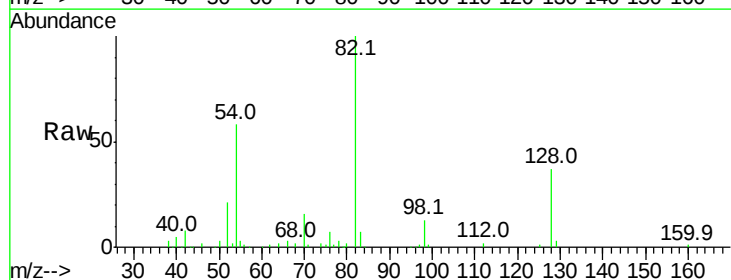


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

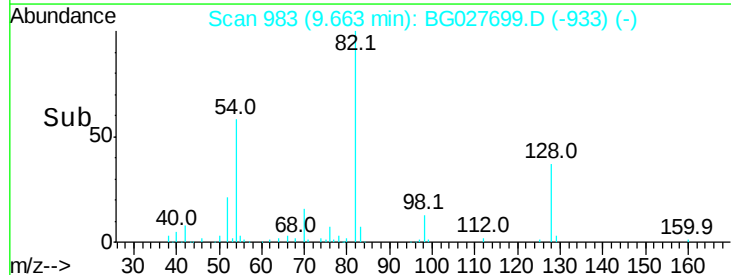
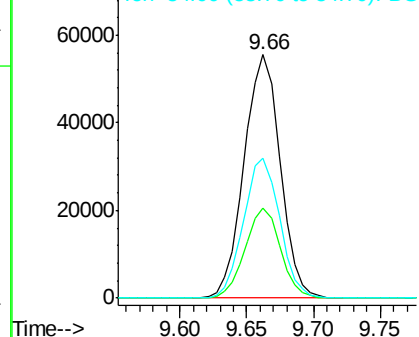


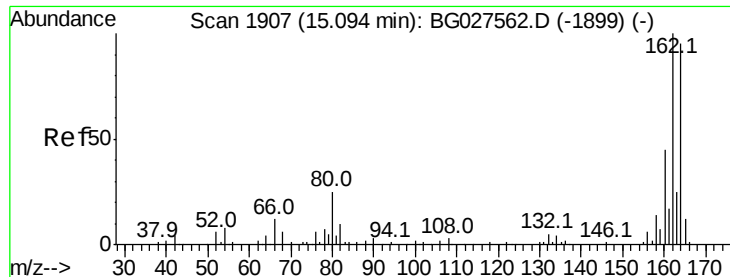
#23
Nitrobenzene-d5
Concen: 93.37 ng
RT: 9.66 min Scan# 983
Delta R.T. -0.01 min
Lab File: BG027699.D
Acq: 27 Jun 2017 14:02

Tgt Ion:	82	Resp:	103855
Ion	Ratio	Lower	Upper
82	100		
128	37.1	26.4	39.6
54	57.5	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: 15.08 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BG027699.D

Acq: 27 Jun 2017 14:02

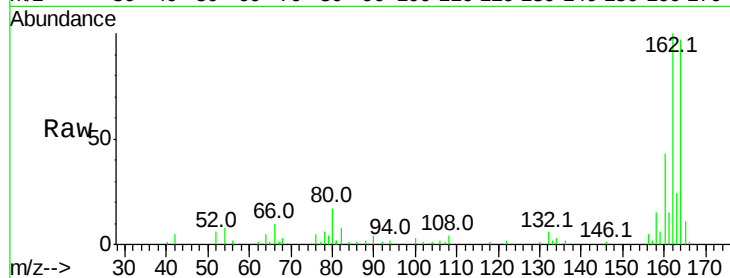
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 34717

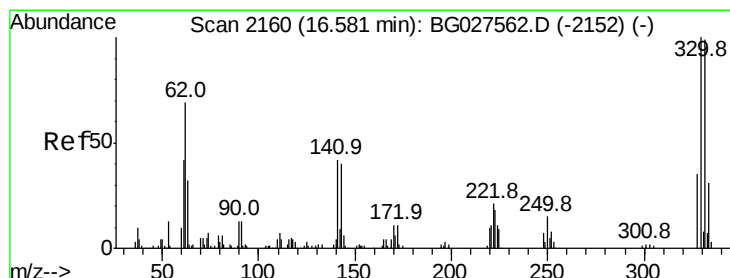
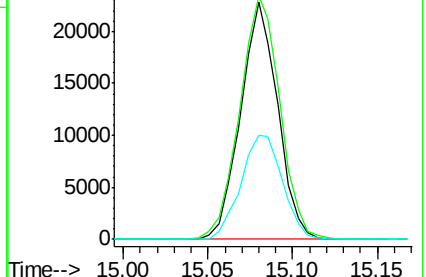
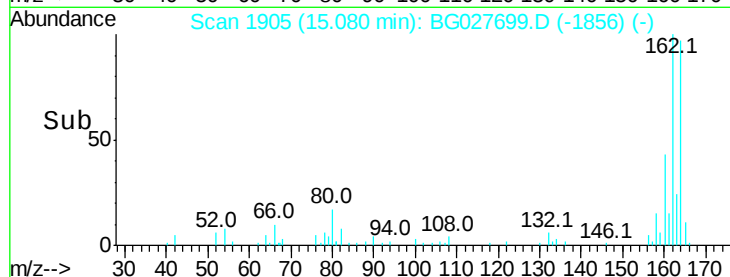
Ion	Ratio	Lower	Upper
164	100		
162	102.8	85.1	127.7
160	44.2	34.7	52.1



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: 69.97 ng

RT: 16.57 min Scan# 2158

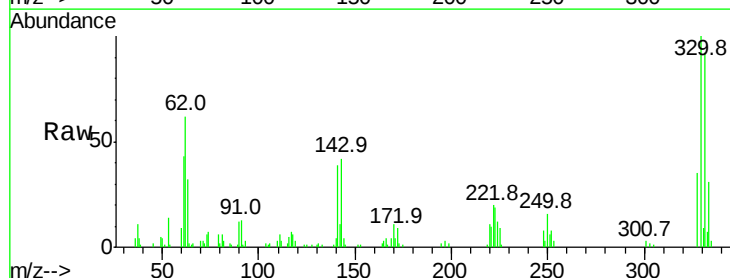
Delta R.T. -0.01 min

Lab File: BG027699.D

Acq: 27 Jun 2017 14:02

Tgt Ion:330 Resp: 36213

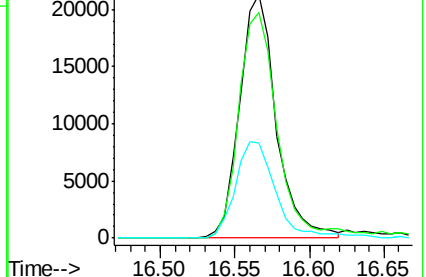
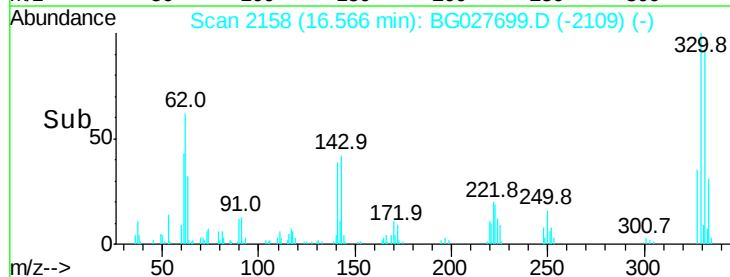
Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.3	115.9
141	43.7	32.1	48.1

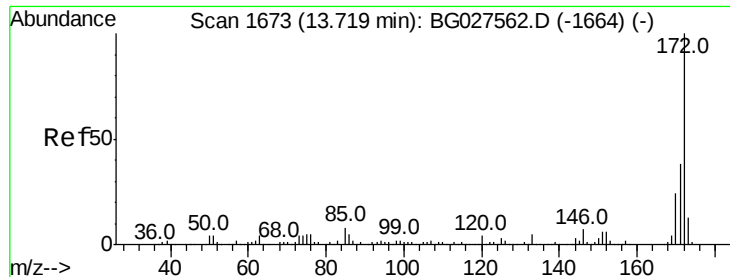


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

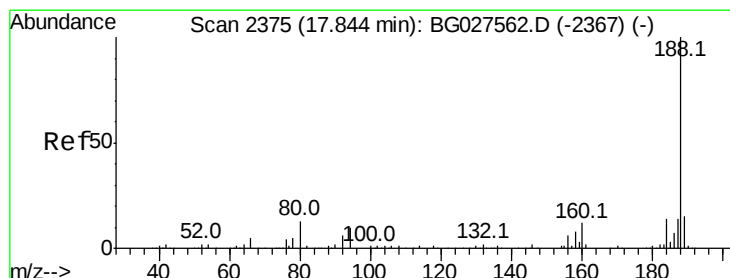
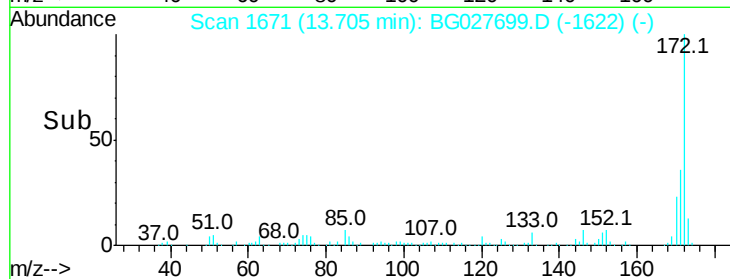
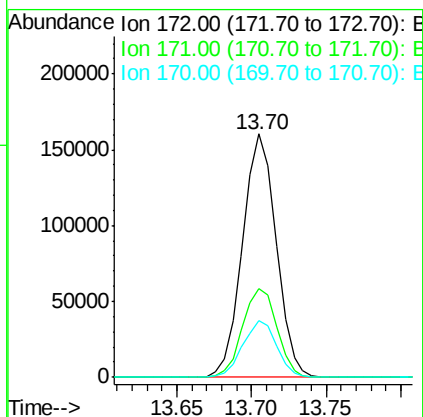
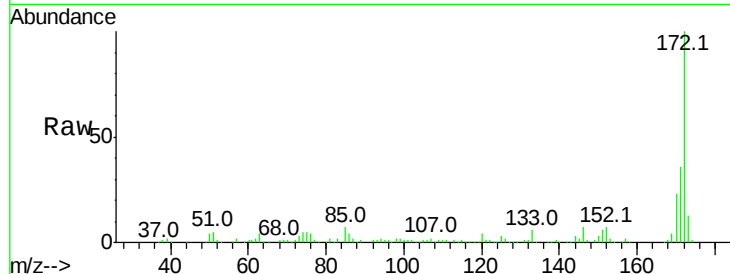




#44
 2-Fluorobiphenyl
 Concen: 98.60 ng
 RT: 13.70 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BG027699.D
 Acq: 27 Jun 2017 14:02

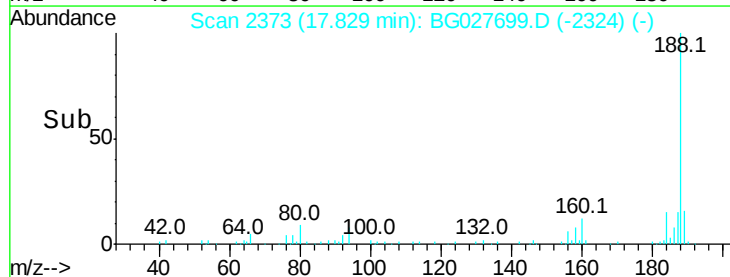
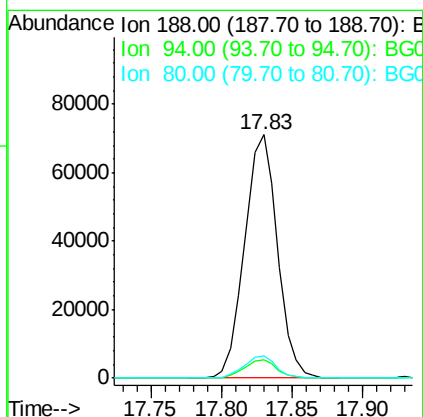
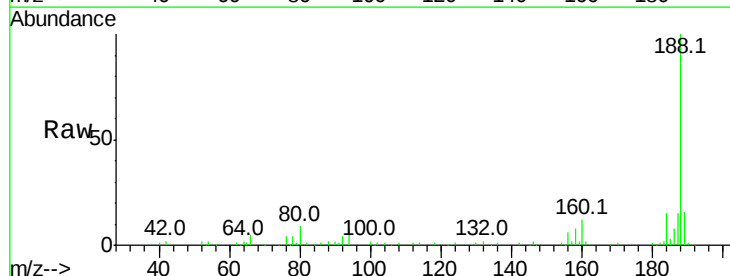
Instrument :
 BNA_G
 ClientSampleId :

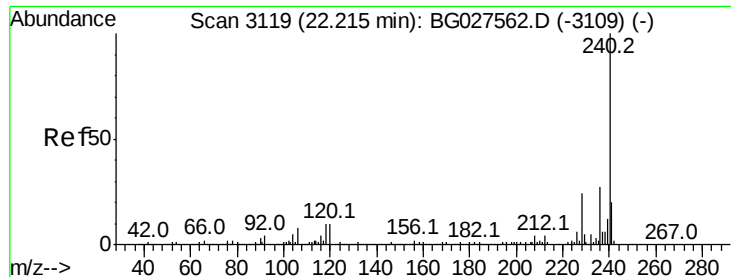
Tot Ion:172 Resp: 250603
 Ion Ratio Lower Upper
 172 100
 171 36.4 32.2 48.2
 170 23.1 21.8 32.6



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.83 min Scan# 2373
 Delta R.T. -0.01 min
 Lab File: BG027699.D
 Acq: 27 Jun 2017 14:02

Tgt Ion:188 Resp: 115940
 Ion Ratio Lower Upper
 188 100
 94 7.5 5.8 8.8
 80 9.0 7.5 11.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.19 min Scan# 3115

Delta R.T. -0.03 min

Lab File: BG027699.D

Acq: 27 Jun 2017 14:02

Instrument :

BNA_G

ClientSampleId :

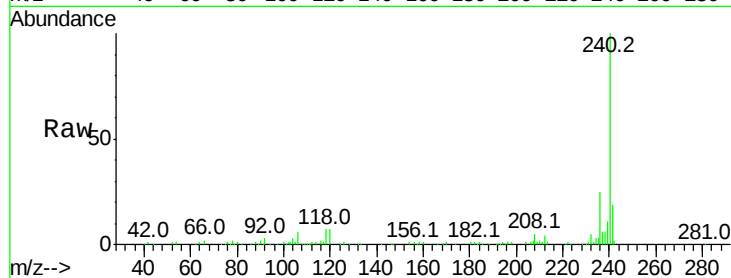
Tot Ion:240 Resp: 140742

Ion Ratio Lower Upper

240 100

120 7.2 5.7 8.5

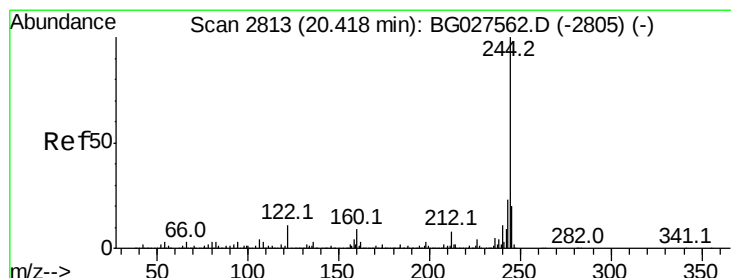
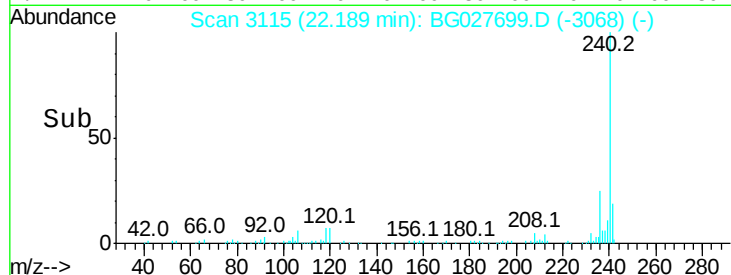
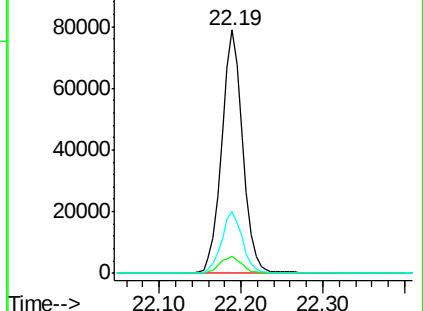
236 25.2 22.2 33.4



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



#78

Terphenyl-d14

Concen: 113.36 ng

RT: 20.40 min Scan# 2811

Delta R.T. -0.01 min

Lab File: BG027699.D

Acq: 27 Jun 2017 14:02

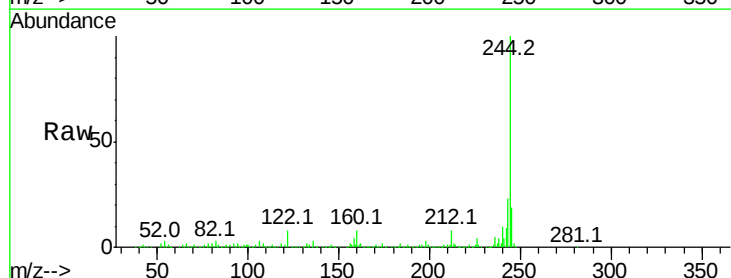
Tgt Ion:244 Resp: 677171

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

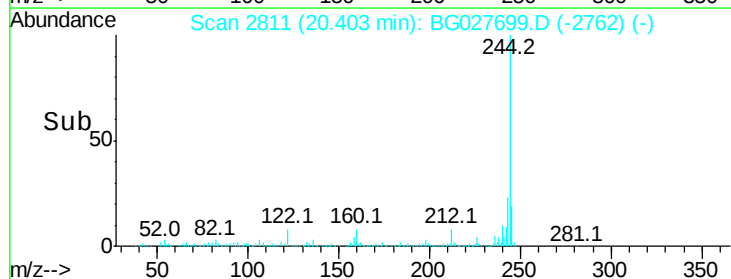
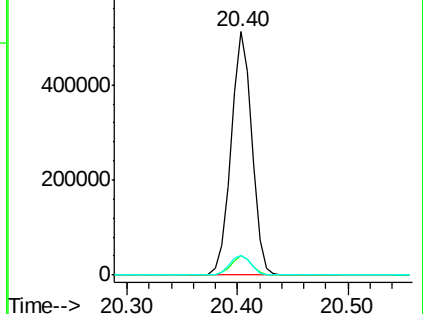
122 8.2 8.6 12.8#

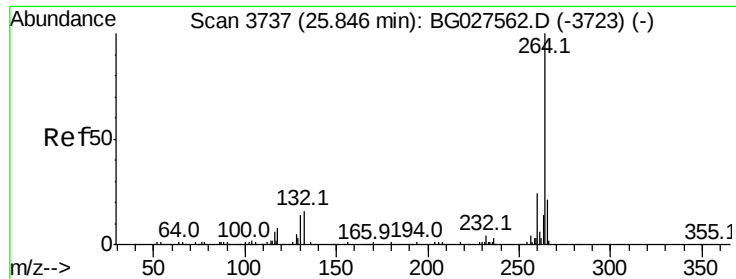


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.81 min Scan# 3732
 Delta R.T. -0.03 min
 Lab File: BG027699.D
 Acq: 27 Jun 2017 14:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	21.8	32.8
265	22.1	18.2	27.4

