

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061017\
 Data File : BG027374.D
 Acq On : 10 Jun 2017 16:27
 Operator : SJ/MA
 Sample : I3575-09RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 12 01:07:28 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

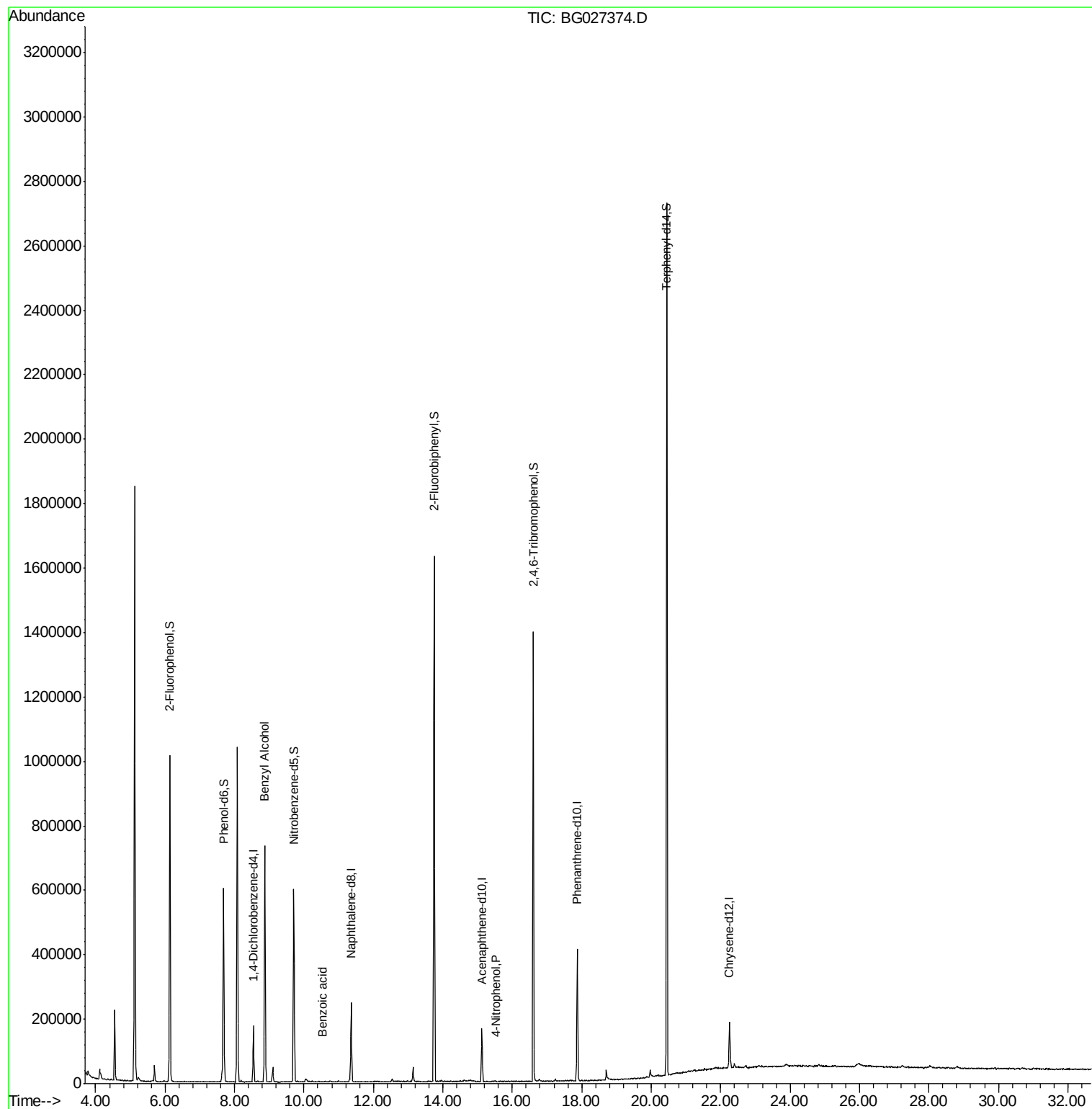
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.54	152	49505	20.00	ng	-0.04
21) Naphthalene-d8	11.36	136	212328	20.00	ng	-0.04
38) Acenaphthene-d10	15.12	164	39809	20.00	ng	-0.04
63) Phenanthrene-d10	17.87	188	193880	20.00	ng	-0.04
75) Chrysene-d12	22.25	240	36391	20.00	ng	-0.06
86) Perylene-d12	0.00	264	0	0.00	ng	-26.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	461760	142.34	ng	-0.02
7) Phenol-d6	7.68	99	273260	57.38	ng	-0.02
23) Nitrobenzene-d5	9.71	82	402917	119.34	ng	-0.04
41) 2,4,6-Tribromophenol	16.60	330	277115	528.63	ng	-0.04
44) 2-Fluorobiphenyl	13.75	172	849748	298.62	ng	-0.04
78) Terphenyl-d14	20.45	244	923643	647.47	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	8.87	79	7338	2.19	ng	# 53
32) Benzoic acid	10.53	122	77	8.05	ng	# 80
55) 4-Nitrophenol	15.52	139	230	6.48	ng	# 1

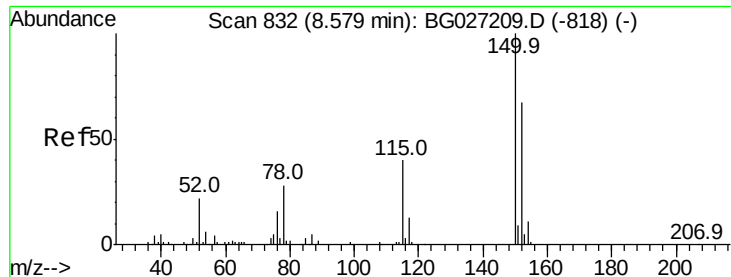
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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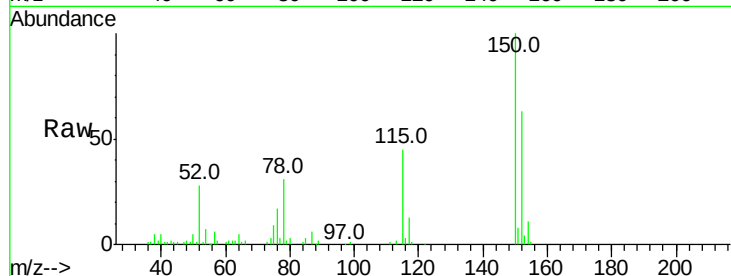


#1

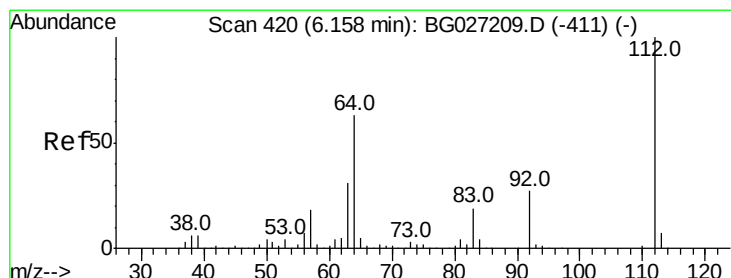
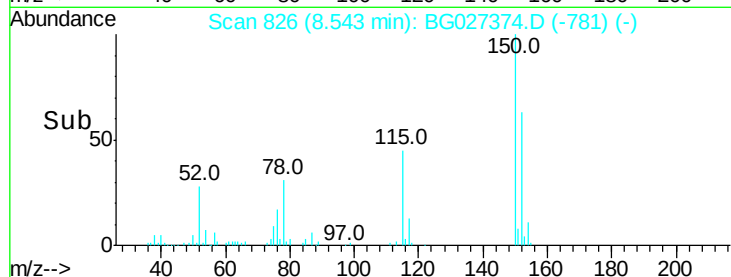
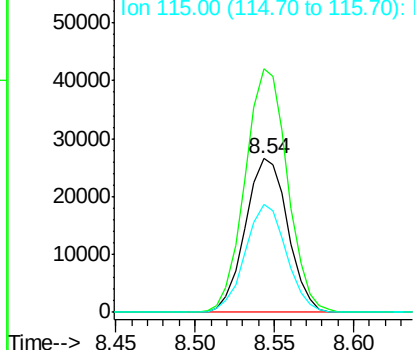
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.54 min Scan# 826
Delta R.T. -0.04 min
Lab File: BG027374.D
Acq: 10 Jun 2017 16:27

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 49505
Ion Ratio Lower Upper
152 100
150 158.2 114.0 171.0
115 70.4 48.1 72.1



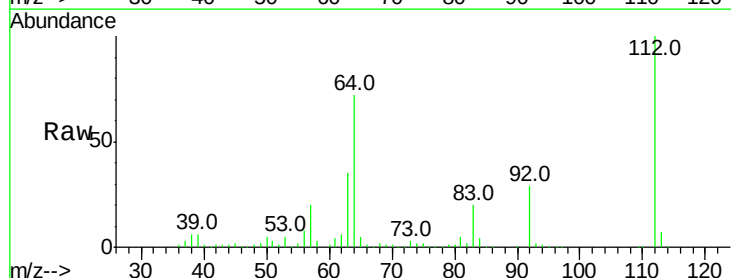
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



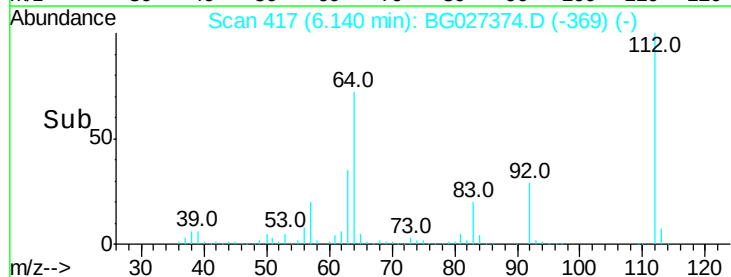
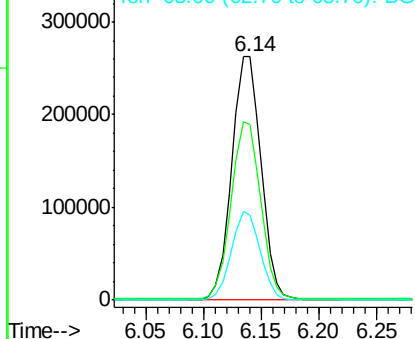
#5

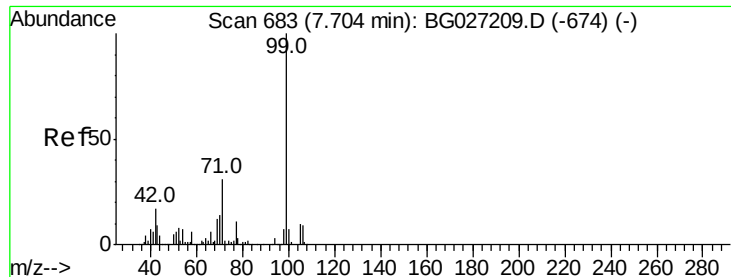
2-Fluorophenol
Concen: 142.34 ng
RT: 6.14 min Scan# 417
Delta R.T. -0.02 min
Lab File: BG027374.D
Acq: 10 Jun 2017 16:27

Tgt Ion:112 Resp: 461760
Ion Ratio Lower Upper
112 100
64 72.2 61.8 92.6
63 35.0 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: 57.38 ng

RT: 7.68 min Scan# 679

Delta R.T. -0.02 min

Lab File: BG027374.D

Acq: 10 Jun 2017 16:27

Instrument :

BNA_G

ClientSampleId :

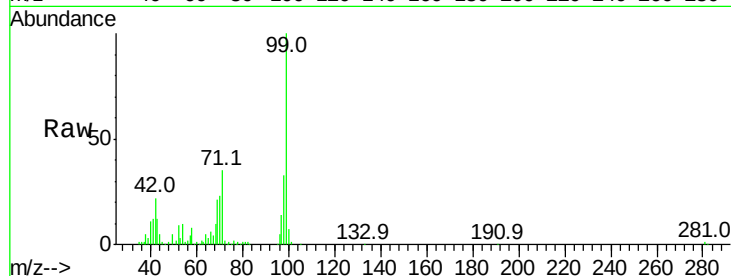
Tot Ion: 99 Resp: 273260

Ion Ratio Lower Upper

99 100

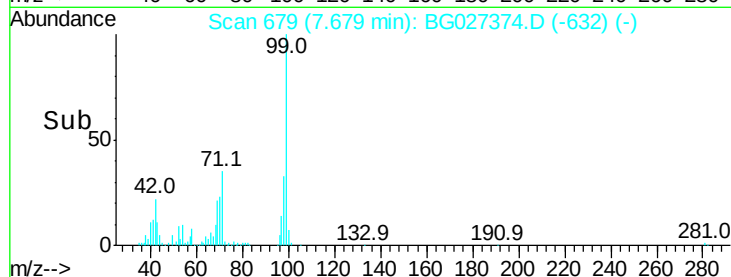
42 22.4 20.5 30.7

71 35.0 37.6 56.4#

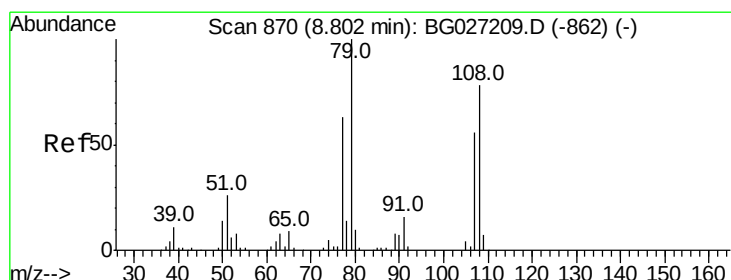


Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC

7.68



Time-->



#15

Benzyl Alcohol

Concen: 2.19 ng

RT: 8.87 min Scan# 881

Delta R.T. 0.06 min

Lab File: BG027374.D

Acq: 10 Jun 2017 16:27

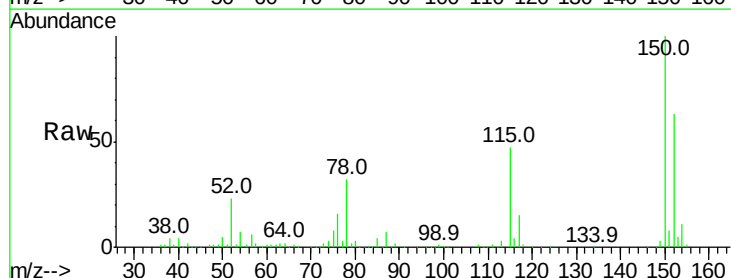
Tgt Ion: 79 Resp: 7338

Ion Ratio Lower Upper

79 100

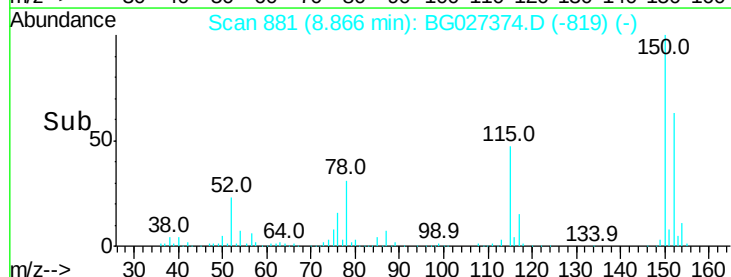
108 25.5 45.5 68.3#

77 108.4 54.3 81.5#

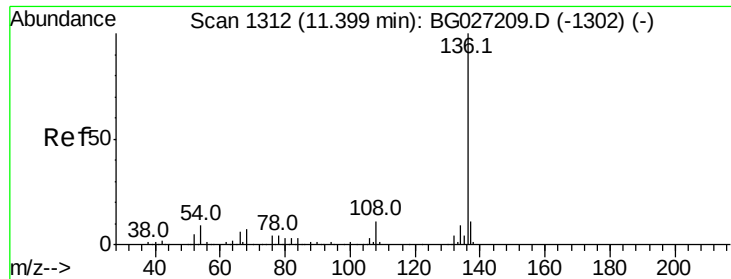


Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

8.87



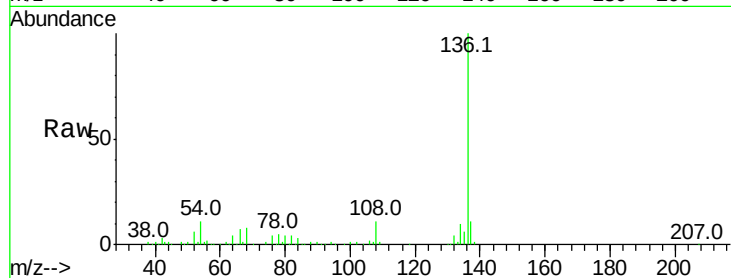
Time-->



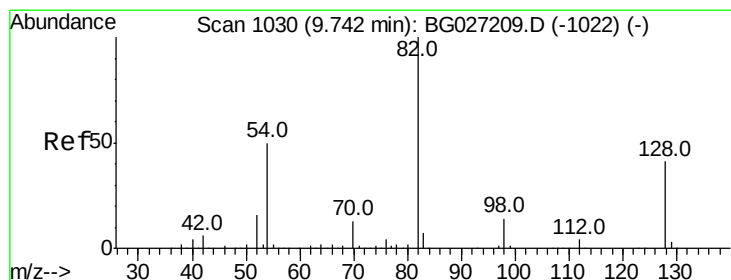
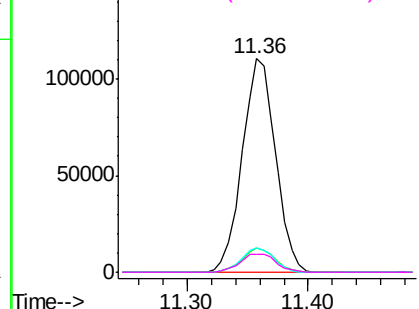
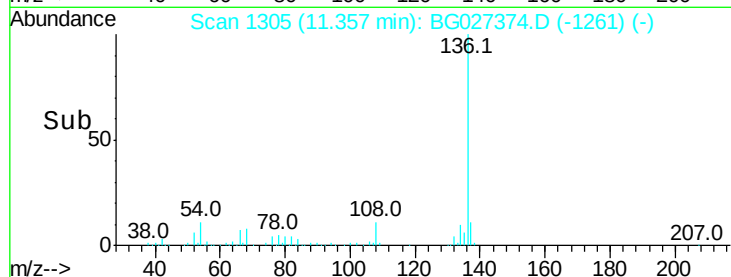
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.36 min Scan# 1305
Delta R.T. -0.04 min
Lab File: BG027374.D
Acq: 10 Jun 2017 16:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	212328
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	11.4	9.3 13.9
68	8.1	5.1 7.7#

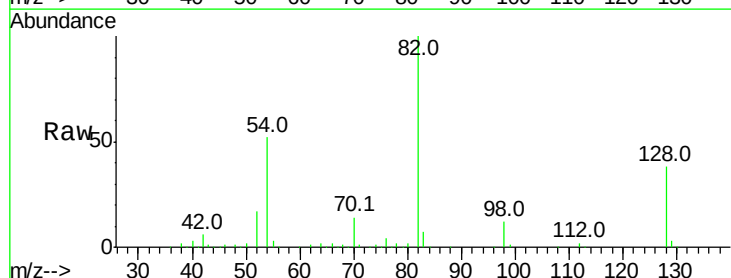


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

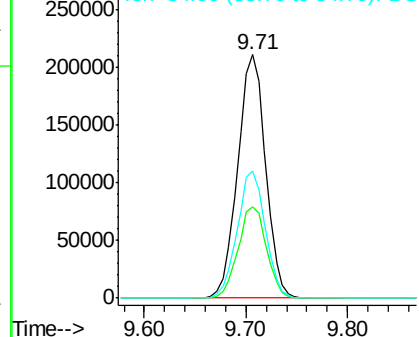
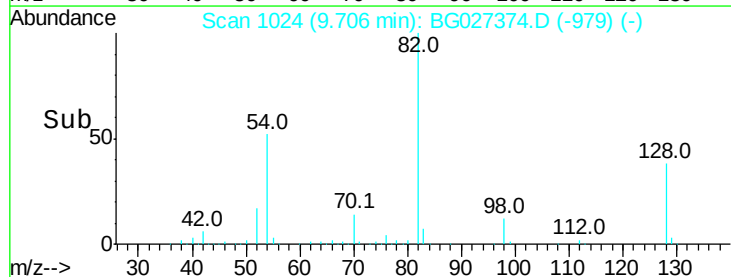


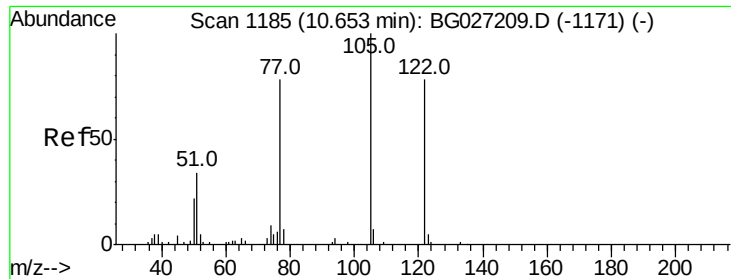
#23
Nitrobenzene-d5
Concen: 119.34 ng
RT: 9.71 min Scan# 1024
Delta R.T. -0.04 min
Lab File: BG027374.D
Acq: 10 Jun 2017 16:27

Tgt Ion: 82	Resp:	402917
Ion Ratio	Lower	Upper
82	100	
128	37.6	26.4 39.6
54	52.0	49.4 74.2



Abundance Ion 82.00 (81.70 to 82.70): B
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B





#32

Benzoic acid

Concen: 8.05 ng

RT: 10.53 min Scan# 1164

Delta R.T. -0.12 min

Lab File: BG027374.D

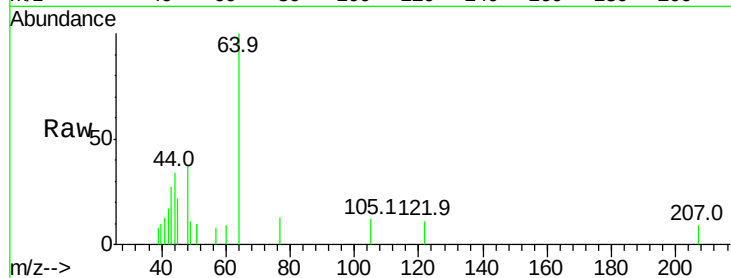
Acq: 10 Jun 2017 16:27

Instrument :

BNA_G

ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
105	103.7	120.1	160.1#
77	115.7	104.6	144.6

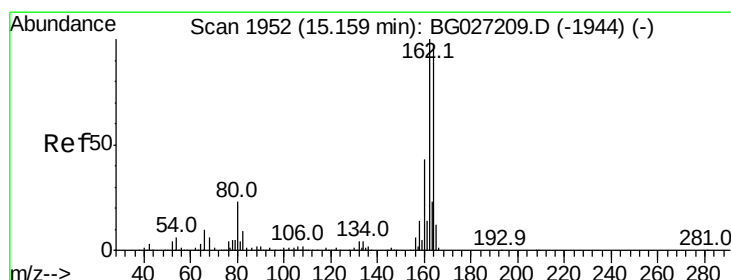
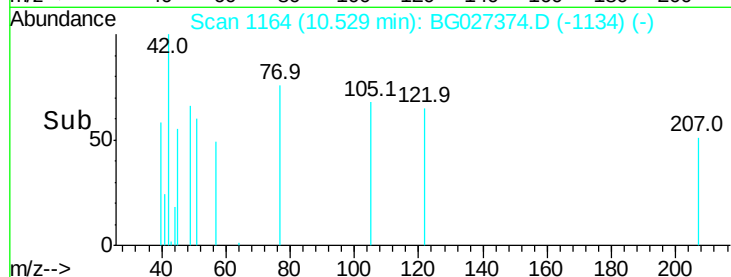
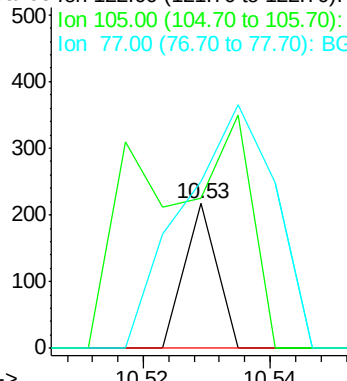


Abundance

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): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

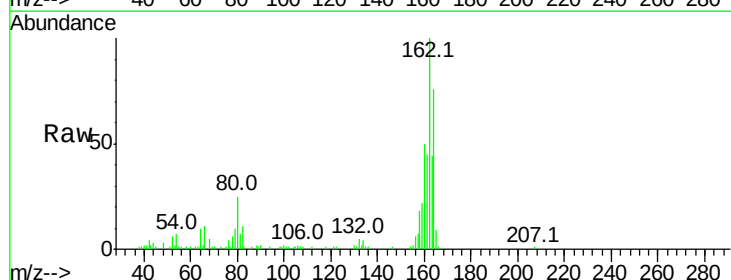
RT: 15.12 min Scan# 1946

Delta R.T. -0.04 min

Lab File: BG027374.D

Acq: 10 Jun 2017 16:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	131.4	85.1	127.7#
160	65.9	34.7	52.1#

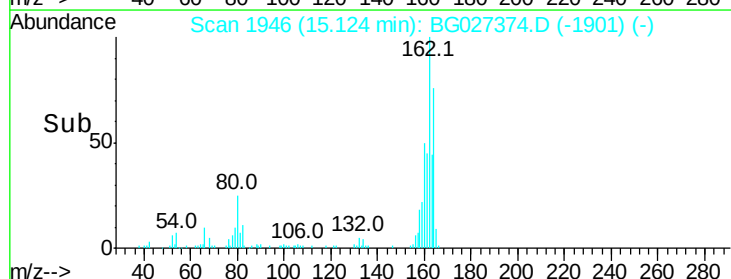
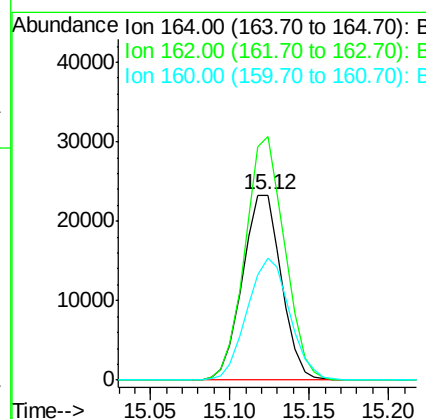


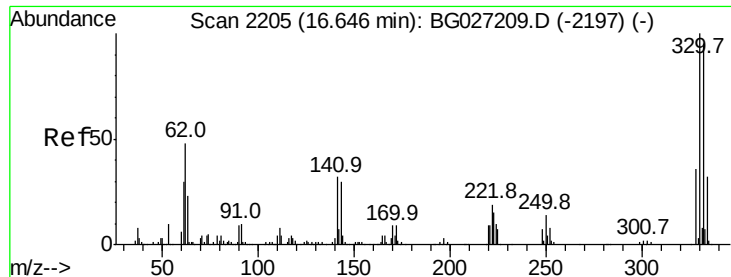
Abundance

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

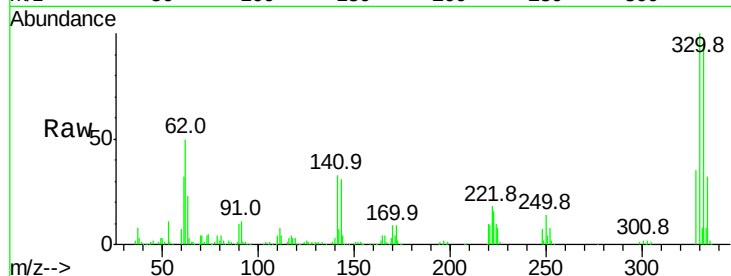




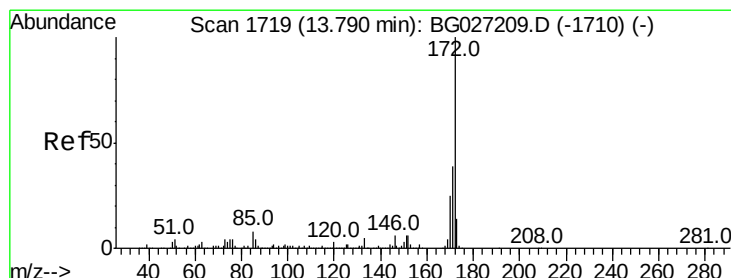
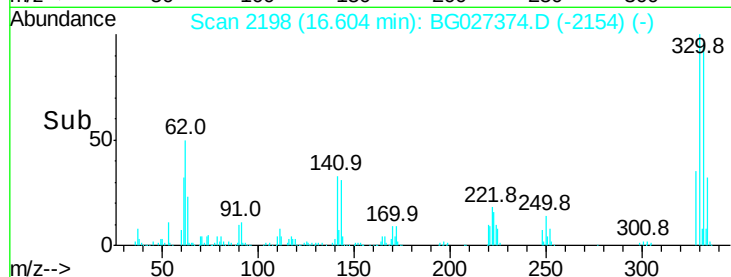
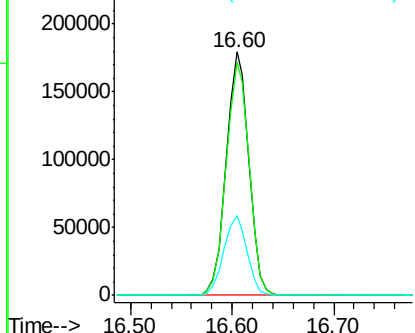
#41
 2,4,6-Tribromophenol
 Concen: 528.63 ng
 RT: 16.60 min Scan# 2198
 Delta R.T. -0.04 min
 Lab File: BG027374.D
 Acq: 10 Jun 2017 16:27

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.3	115.9
141	33.6	32.1	48.1

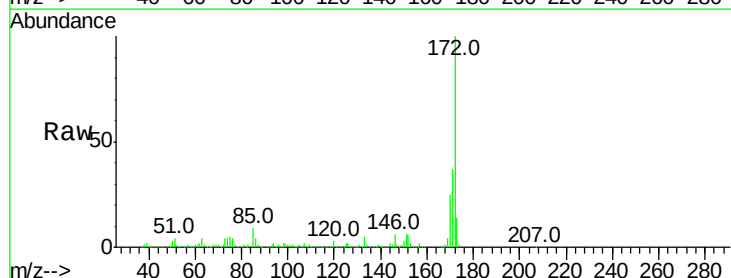


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

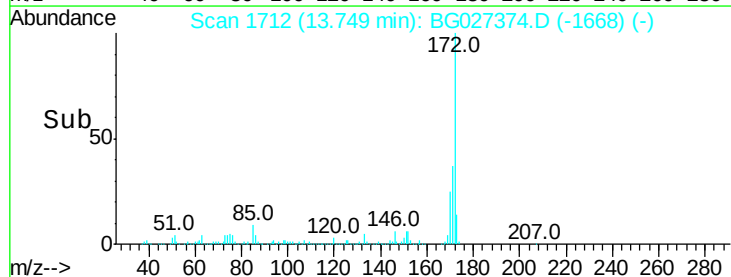
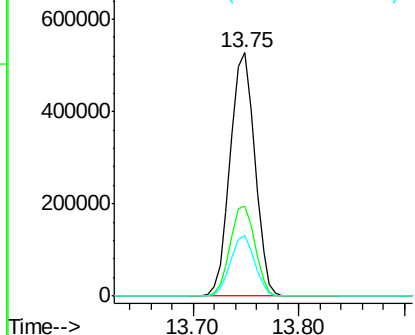


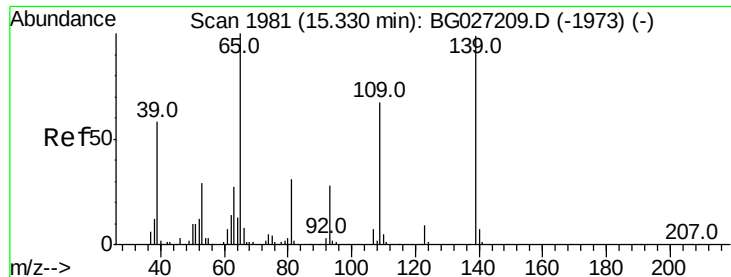
#44
 2-Fluorobiphenyl
 Concen: 298.62 ng
 RT: 13.75 min Scan# 1712
 Delta R.T. -0.04 min
 Lab File: BG027374.D
 Acq: 10 Jun 2017 16:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	32.2	48.2
170	25.0	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

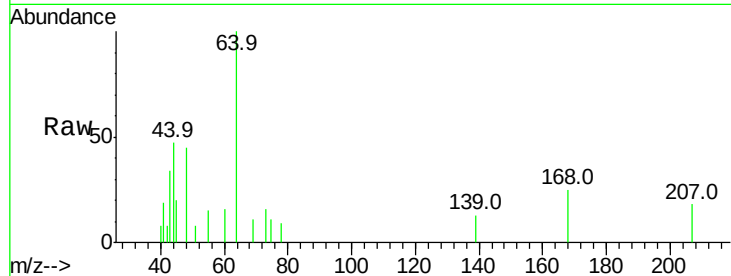




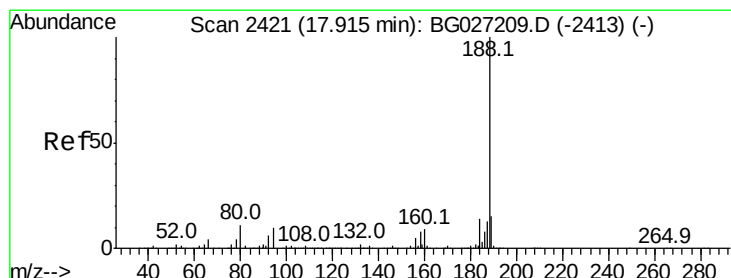
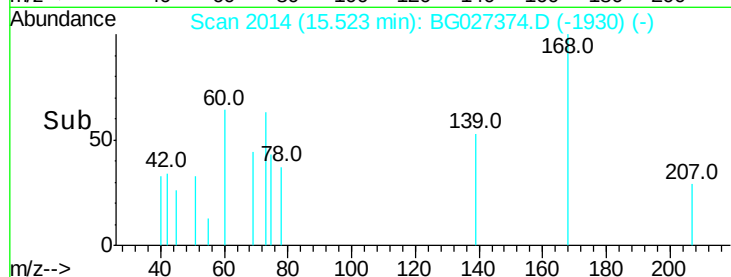
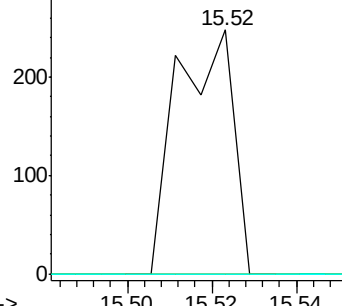
#55
4-Nitrophenol
Concen: 6.48 ng
RT: 15.52 min Scan# 2014
Delta R.T. 0.19 min
Lab File: BG027374.D
Acq: 10 Jun 2017 16:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	0.0	101.2	141.2#
65	0.0	135.3	175.3#

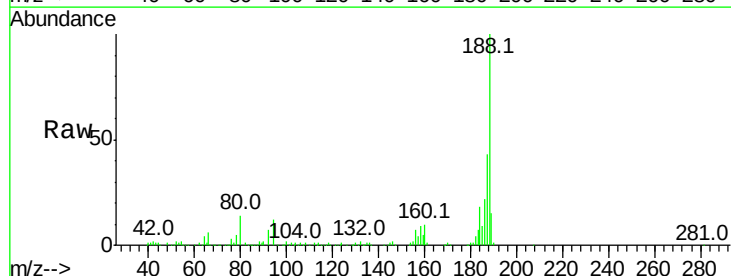


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

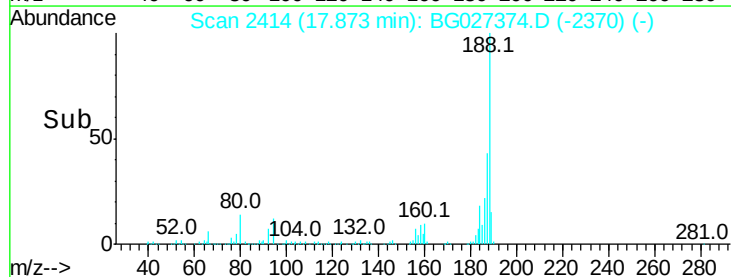
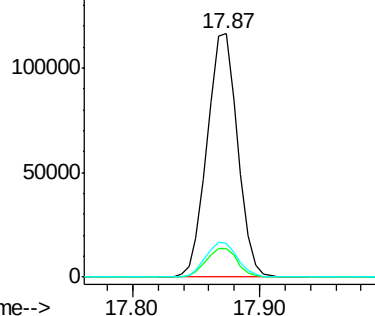


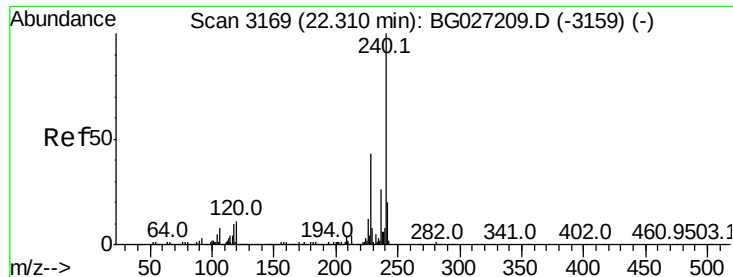
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.87 min Scan# 2414
Delta R.T. -0.04 min
Lab File: BG027374.D
Acq: 10 Jun 2017 16:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.8	5.8	8.8#
80	14.0	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: 22.25 min Scan# 3159

Delta R.T. -0.06 min

Lab File: BG027374.D

Acq: 10 Jun 2017 16:27

Instrument :

BNA_G

ClientSampleId :

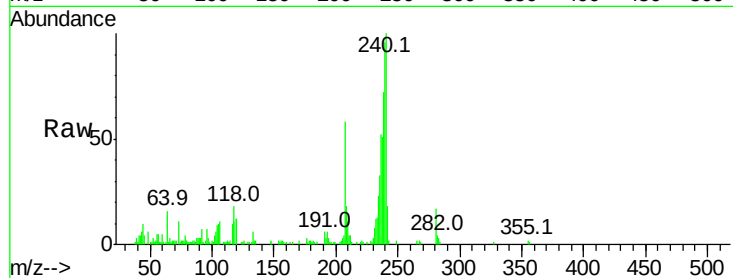
Tot Ion:240 Resp: 36391

Ion Ratio Lower Upper

240 100

120 11.8 5.7 8.5#

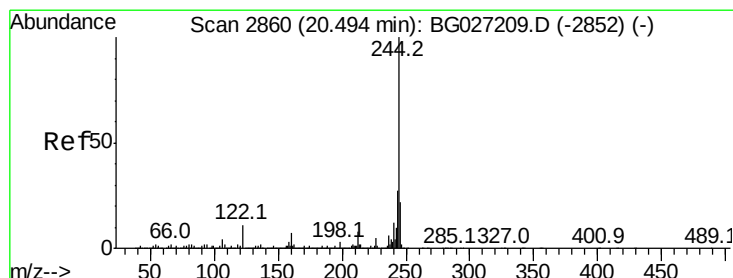
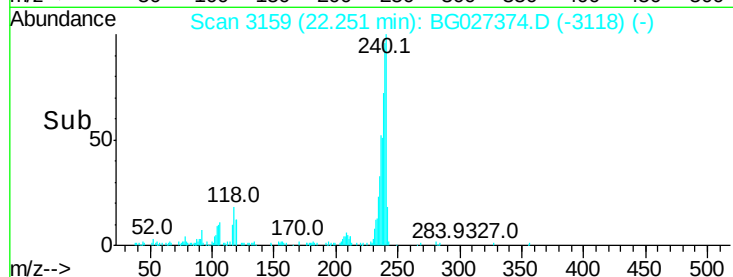
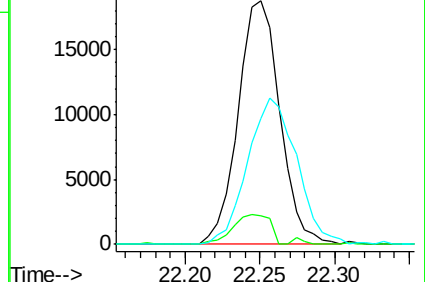
236 51.6 22.2 33.4#



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



#78

Terphenyl-d14

Concen: 647.47 ng

RT: 20.45 min Scan# 2852

Delta R.T. -0.05 min

Lab File: BG027374.D

Acq: 10 Jun 2017 16:27

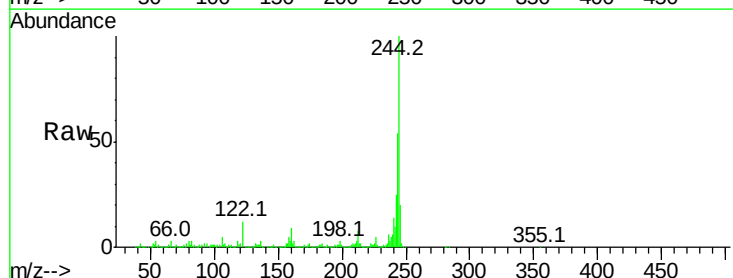
Tgt Ion:244 Resp: 923643

Ion Ratio Lower Upper

244 100

212 8.3 10.0 15.0#

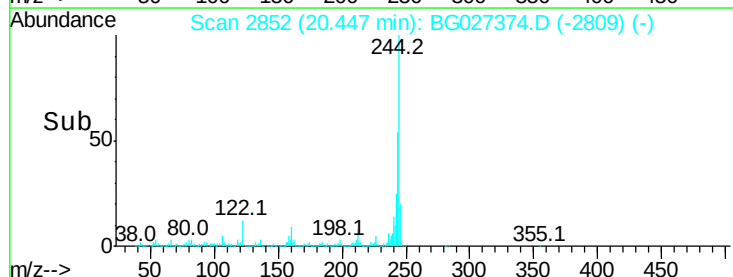
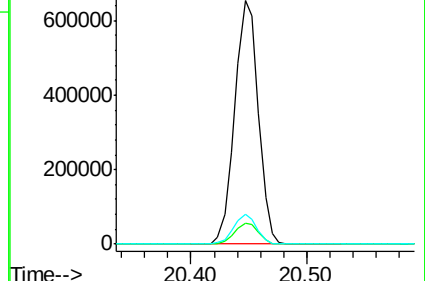
122 12.1 8.6 12.8

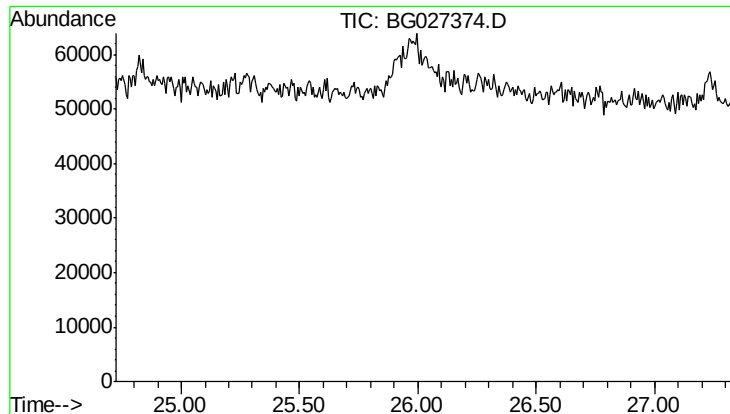


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 0.00 ng
Expected RT: 26.02 min
Lab File: BG027374.D
Acq: 10 Jun 2017 16:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	264
Sig	Exp Ratio
264	100
260	27.3
265	22.8

