

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061217\
 Data File : BG027382.D
 Acq On : 12 Jun 2017 19:29
 Operator : SJ/MA
 Sample : I3615-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 13 03:53:04 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

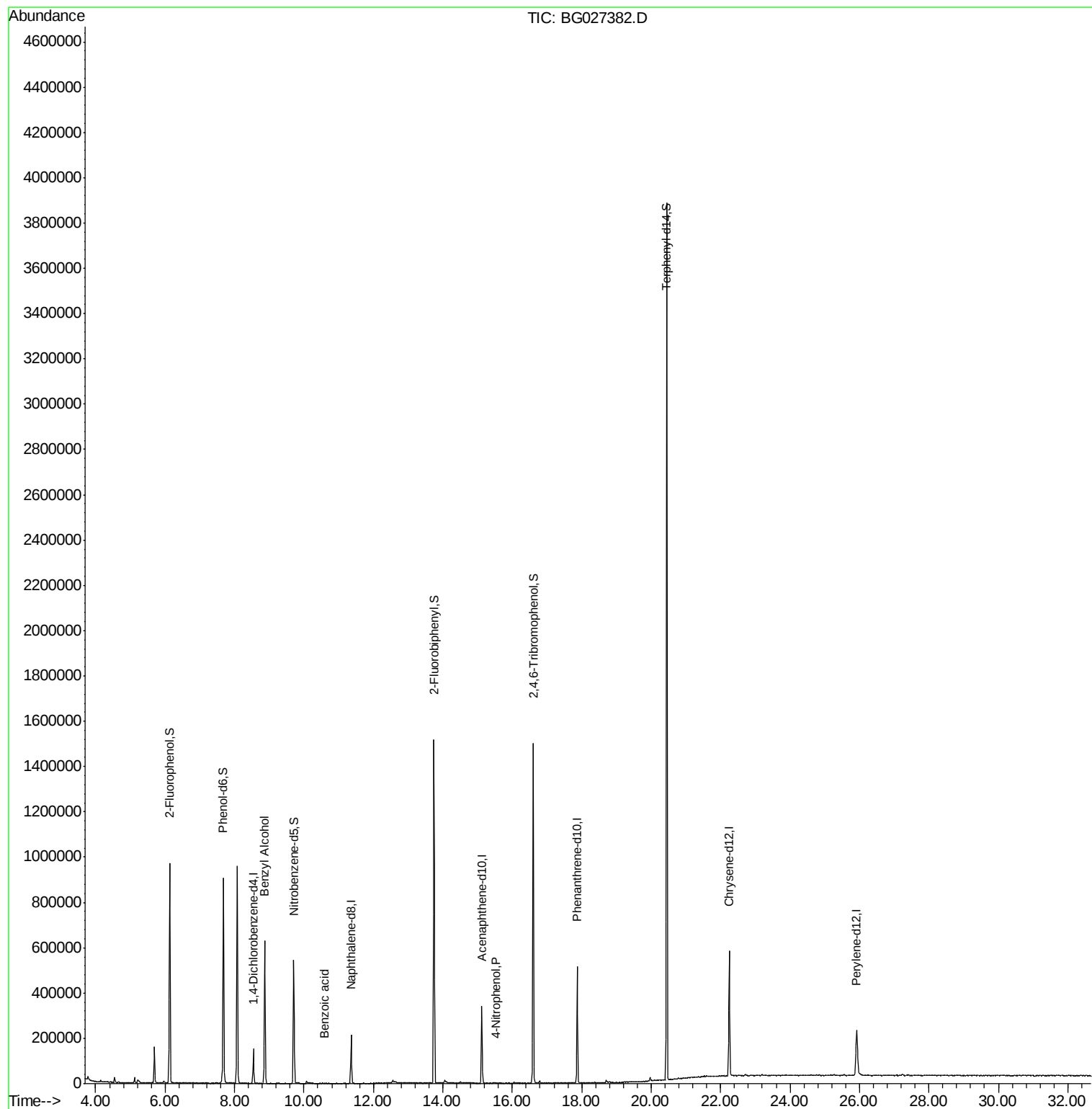
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.54	152	44042	20.00	ng	-0.03
21) Naphthalene-d8	11.36	136	189603	20.00	ng	-0.04
38) Acenaphthene-d10	15.12	164	115034	20.00	ng	-0.04
63) Phenanthrene-d10	17.87	188	322265	20.00	ng	-0.05
75) Chrysene-d12	22.25	240	383460	20.00	ng	-0.06
86) Perylene-d12	25.92	264	210948	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	439478	152.27	ng	-0.02
7) Phenol-d6	7.68	99	570743	134.72	ng	-0.02
23) Nitrobenzene-d5	9.71	82	361873	120.03	ng	-0.03
41) 2,4,6-Tribromophenol	16.61	330	296254	195.57	ng	-0.04
44) 2-Fluorobiphenyl	13.74	172	801332	97.45	ng	-0.05
78) Terphenyl-d14	20.45	244	1722873	114.62	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	8.87	79	6173	2.07	ng	# 45
32) Benzoic acid	10.58	122	58	8.05	ng	# 30
55) 4-Nitrophenol	15.51	139	372	6.32	ng	# 1

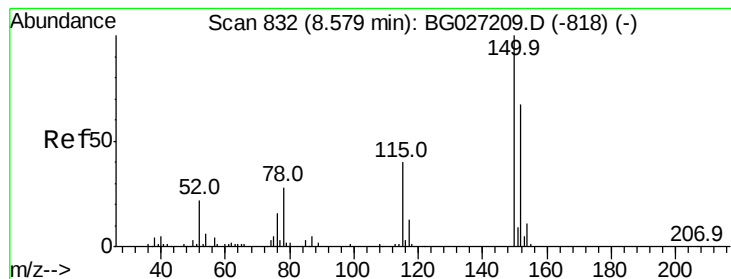
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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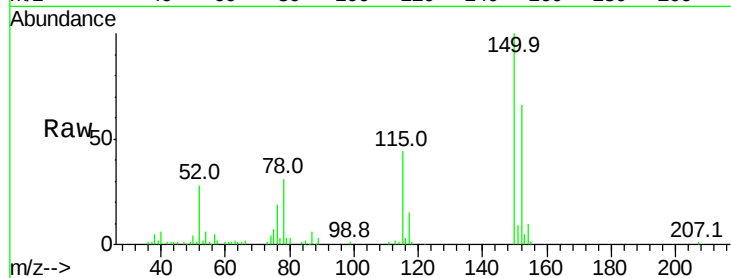


#1

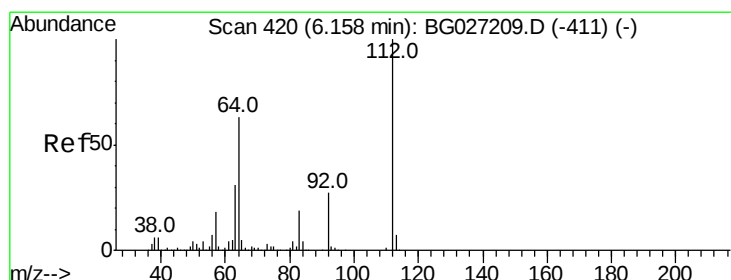
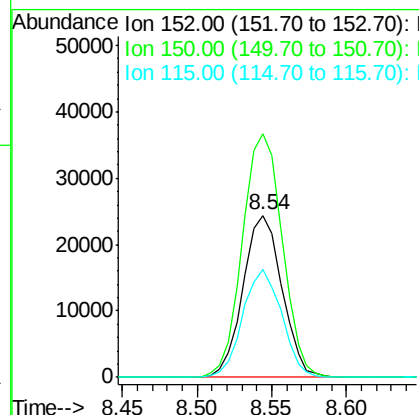
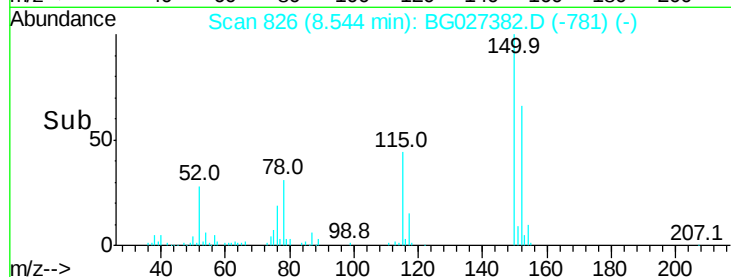
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.54 min Scan# 826
Delta R.T. -0.03 min
Lab File: BG027382.D
Acq: 12 Jun 2017 19:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 44042
Ion Ratio Lower Upper
152 100
150 150.5 114.0 171.0
115 66.8 48.1 72.1



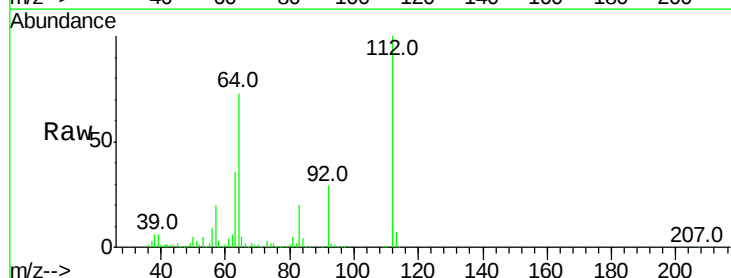
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



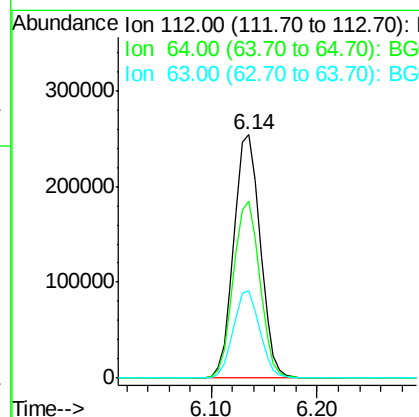
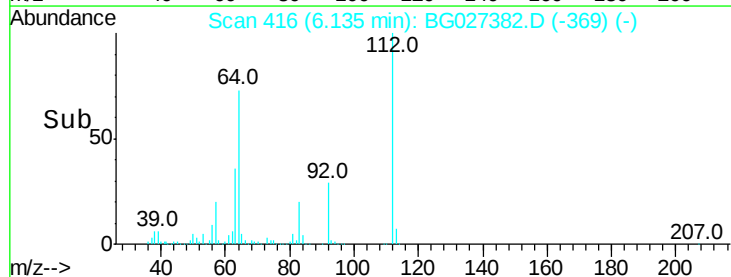
#5

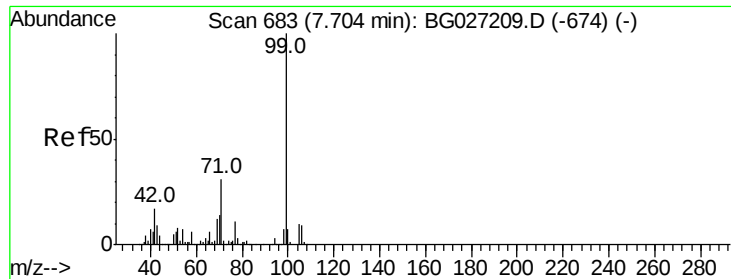
2-Fluorophenol
Concen: 152.27 ng
RT: 6.14 min Scan# 416
Delta R.T. -0.02 min
Lab File: BG027382.D
Acq: 12 Jun 2017 19:29

Tgt Ion:112 Resp: 439478
Ion Ratio Lower Upper
112 100
64 72.7 61.8 92.6
63 35.7 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: 134.72 ng

RT: 7.68 min Scan# 679

Delta R.T. -0.02 min

Lab File: BG027382.D

Acq: 12 Jun 2017 19:29

Instrument :

BNA_G

ClientSampleId :

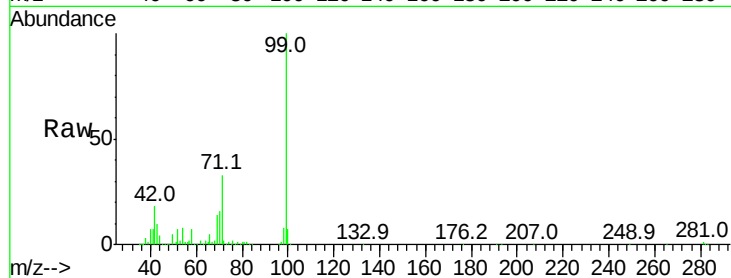
Tot Ion: 99 Resp: 570743

Ion Ratio Lower Upper

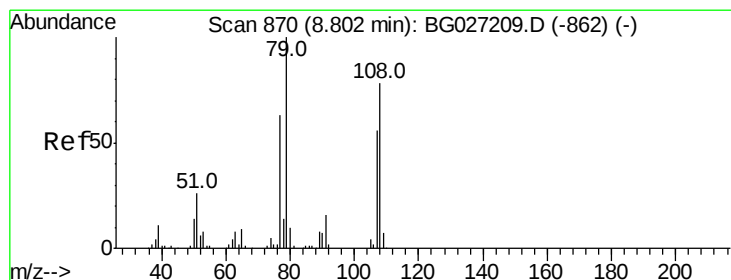
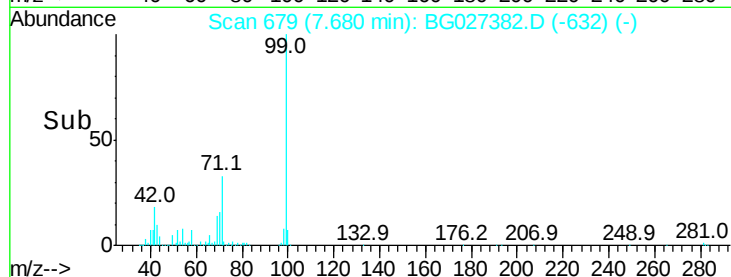
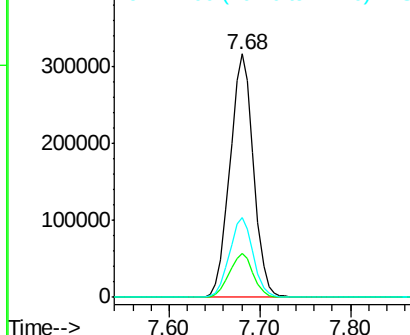
99 100

42 18.0 20.5 30.7#

71 32.8 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: 8.87 min Scan# 881

Delta R.T. 0.07 min

Lab File: BG027382.D

Acq: 12 Jun 2017 19:29

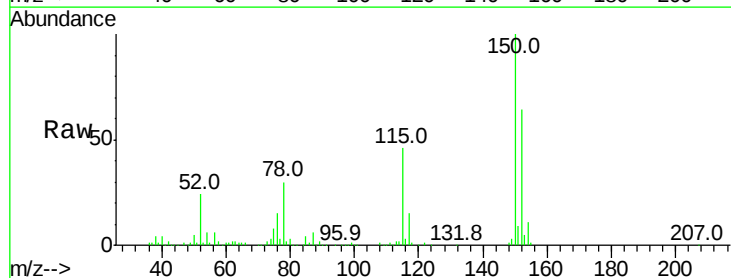
Tgt Ion: 79 Resp: 6173

Ion Ratio Lower Upper

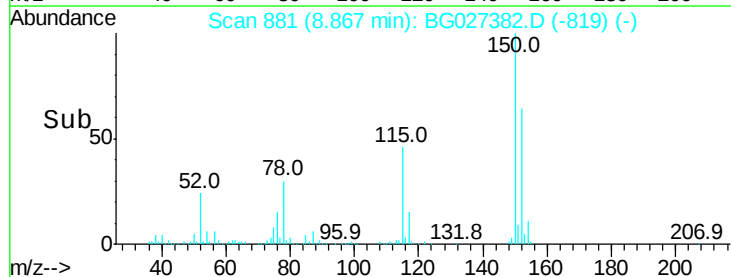
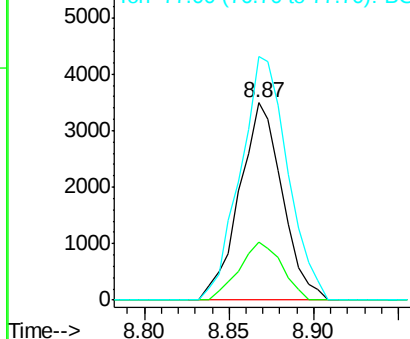
79 100

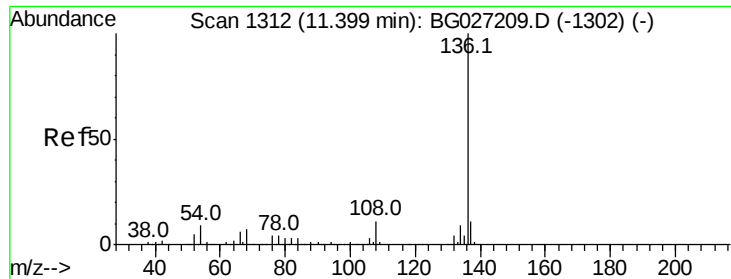
108 29.2 45.5 68.3#

77 123.6 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

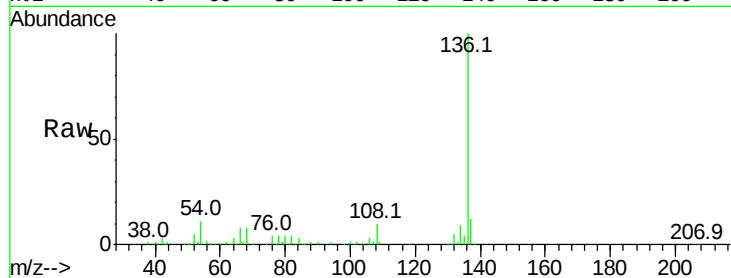




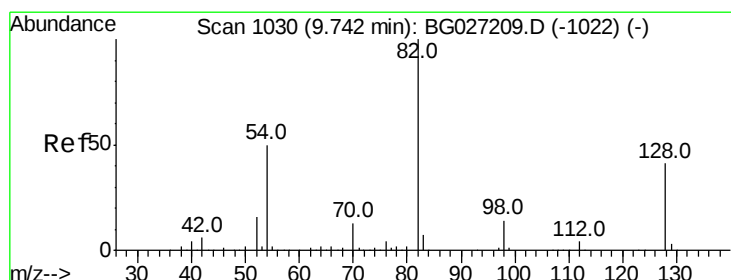
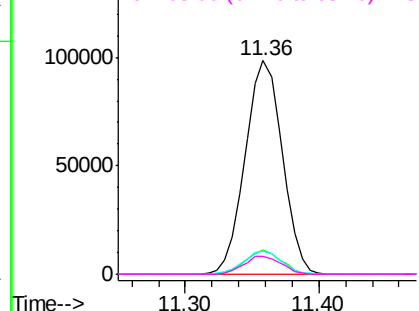
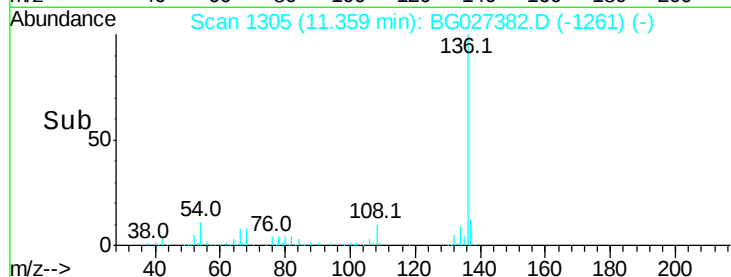
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.36 min Scan# 1305
Delta R.T. -0.04 min
Lab File: BG027382.D
Acq: 12 Jun 2017 19:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	189603
Ion Ratio	Lower	Upper
136	100	
137	11.7	8.9 13.3
54	10.6	9.3 13.9
68	8.4	5.1 7.7#

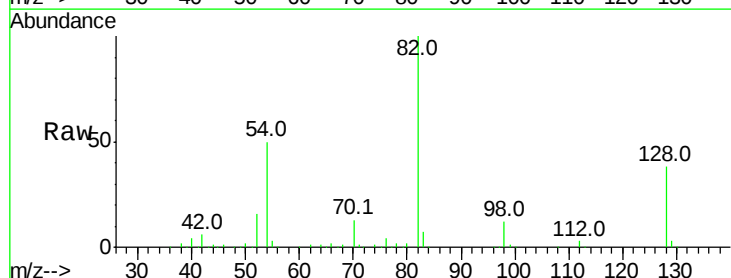


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

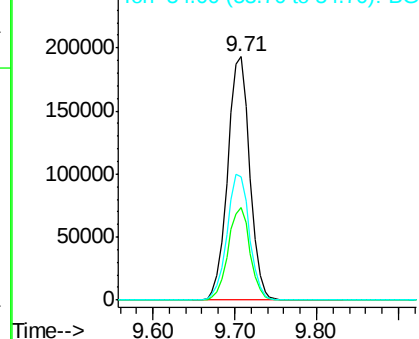
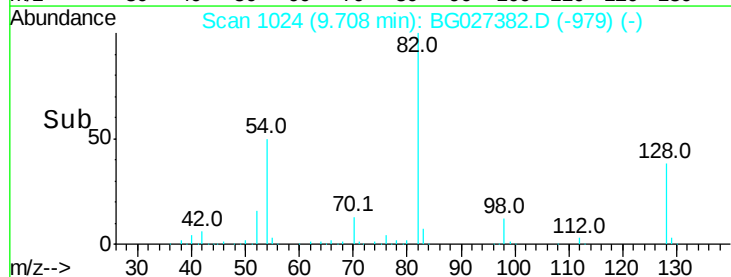


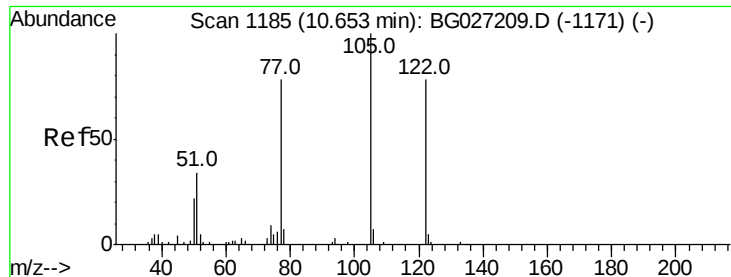
#23
Nitrobenzene-d5
Concen: 120.03 ng
RT: 9.71 min Scan# 1024
Delta R.T. -0.03 min
Lab File: BG027382.D
Acq: 12 Jun 2017 19:29

Tgt Ion: 82	Resp:	361873
Ion Ratio	Lower	Upper
82	100	
128	38.1	26.4 39.6
54	50.4	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: 10.58 min Scan# 1172

Delta R.T. -0.07 min

Lab File: BG027382.D

Acq: 12 Jun 2017 19:29

Instrument :

BNA_G

ClientSampleId :

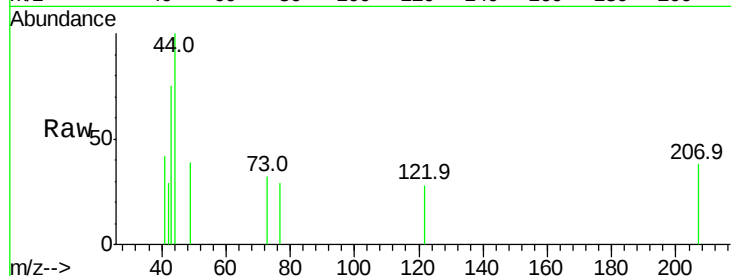
Tot Ion:122 Resp: 58

Ion Ratio Lower Upper

122 100

105 0.0 120.1 160.1#

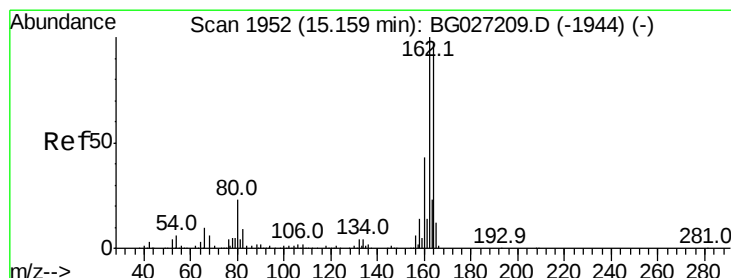
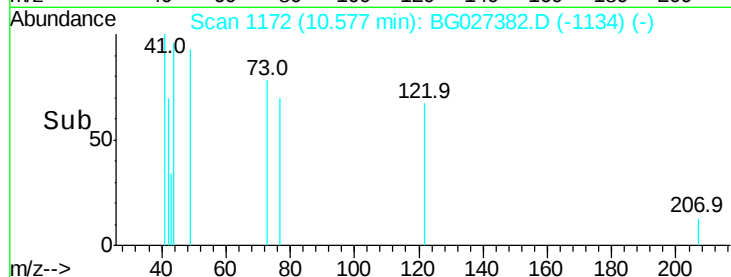
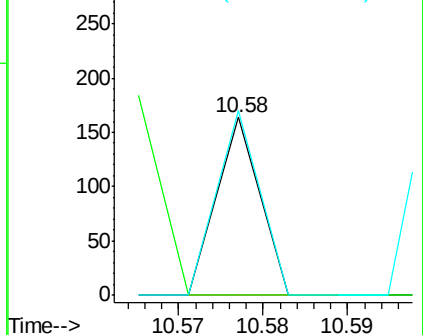
77 103.7 104.6 144.6#



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# 1945

Delta R.T. -0.04 min

Lab File: BG027382.D

Acq: 12 Jun 2017 19:29

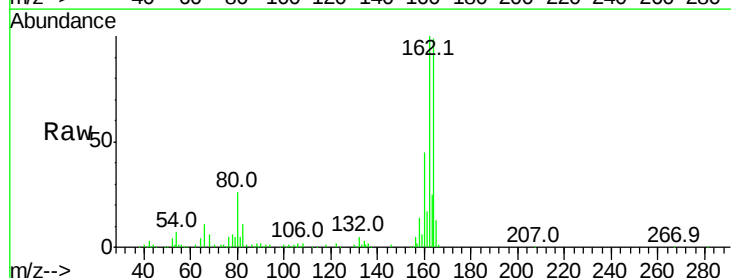
Tgt Ion:164 Resp: 115034

Ion Ratio Lower Upper

164 100

162 101.5 85.1 127.7

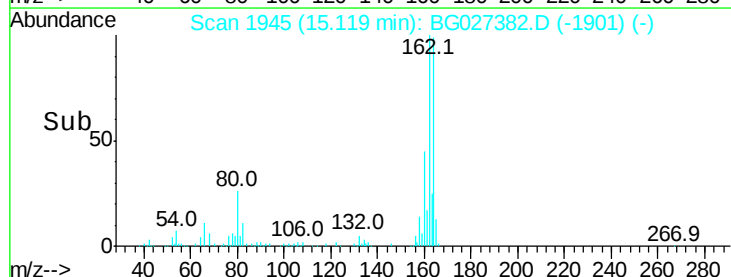
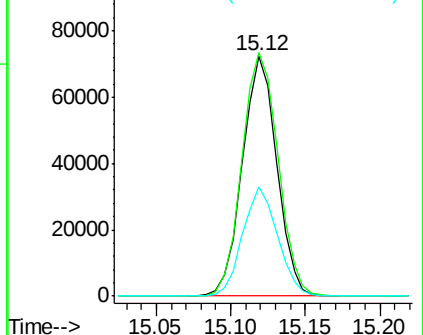
160 45.7 34.7 52.1

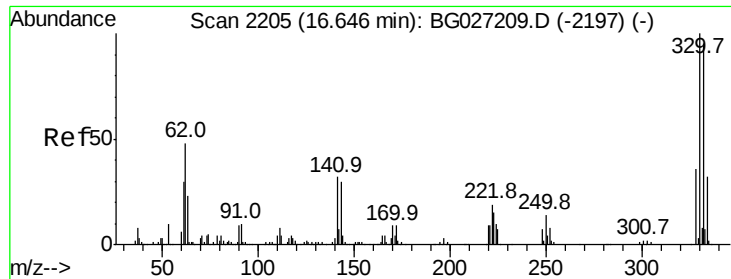


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

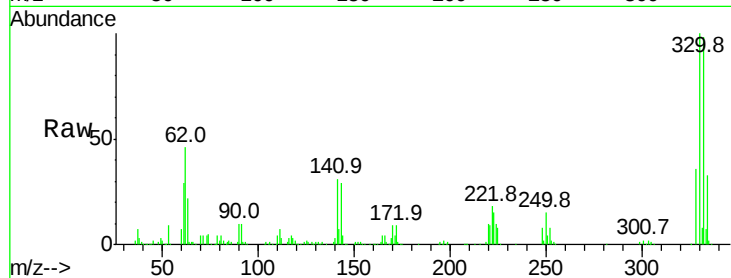




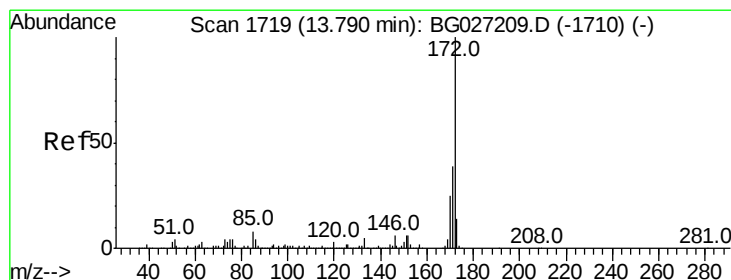
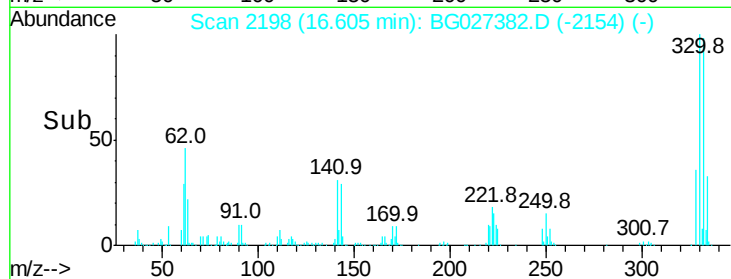
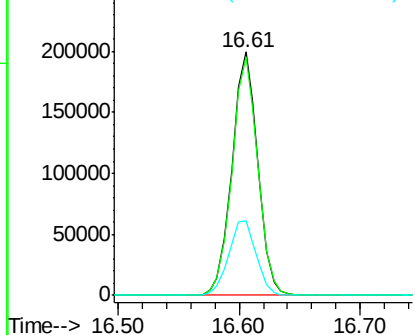
#41
 2,4,6-Tribromophenol
 Concen: 195.57 ng
 RT: 16.61 min Scan# 2198
 Delta R.T. -0.04 min
 Lab File: BG027382.D
 Acq: 12 Jun 2017 19:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.3	115.9
141	32.8	32.1	48.1

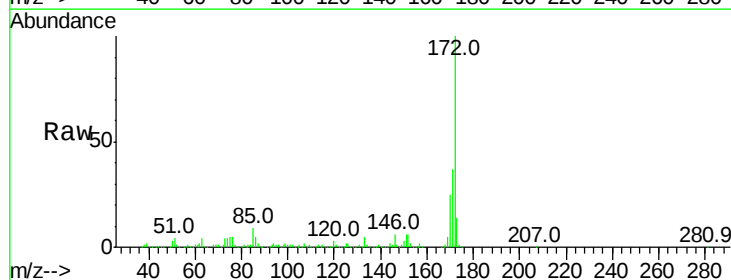


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

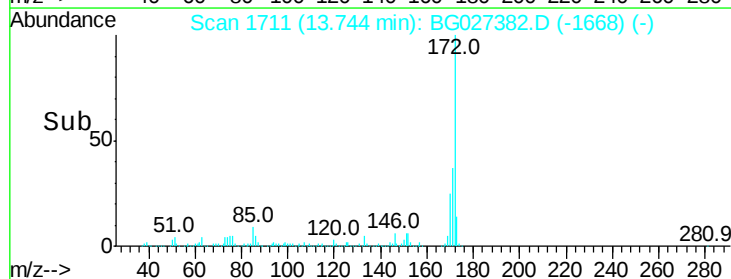
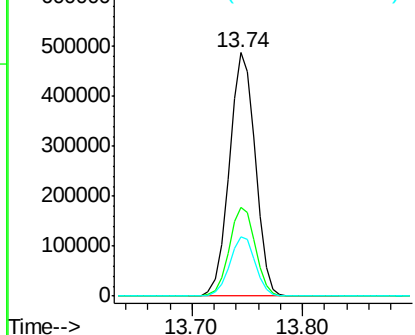


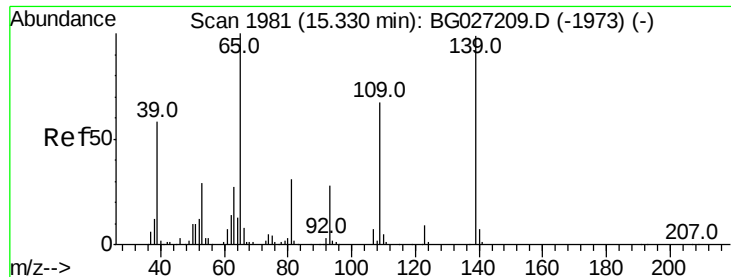
#44
 2-Fluorobiphenyl
 Concen: 97.45 ng
 RT: 13.74 min Scan# 1711
 Delta R.T. -0.05 min
 Lab File: BG027382.D
 Acq: 12 Jun 2017 19:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	32.2	48.2
170	24.6	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

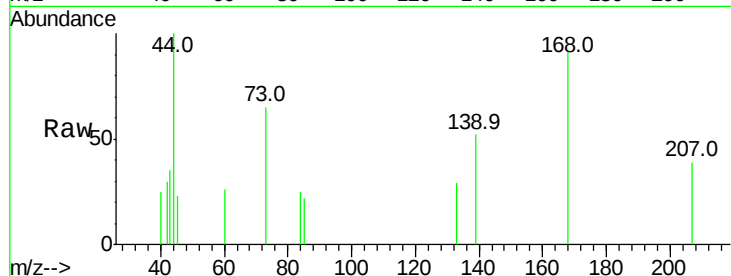




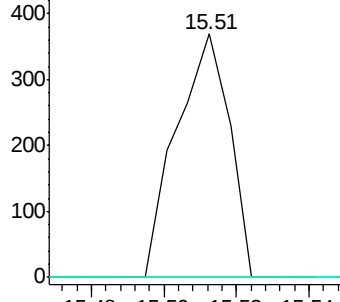
#55
4-Nitrophenol
Concen: 6.32 ng
RT: 15.51 min Scan# 2012
Delta R.T. 0.18 min
Lab File: BG027382.D
Acq: 12 Jun 2017 19:29

Instrument :
BNA_G
ClientSampleId :

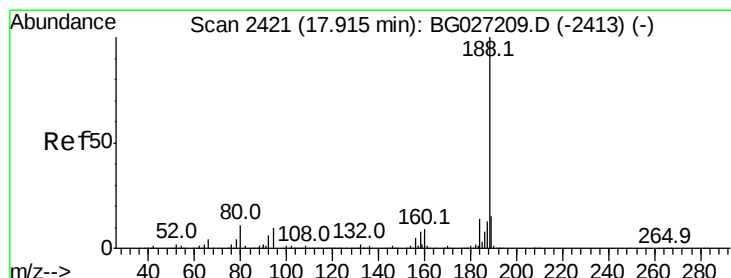
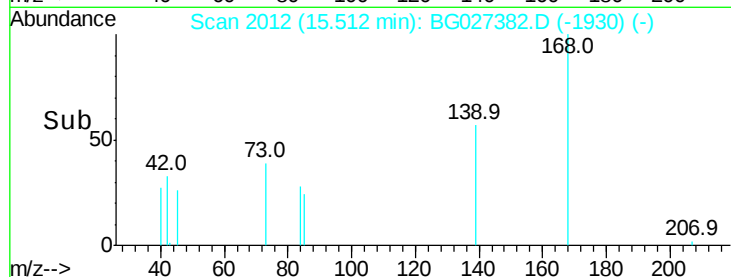
Tot Ion	Ratio	Lower	Upper
139	100		
109	0.0	101.2	141.2#
65	0.0	135.3	175.3#



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

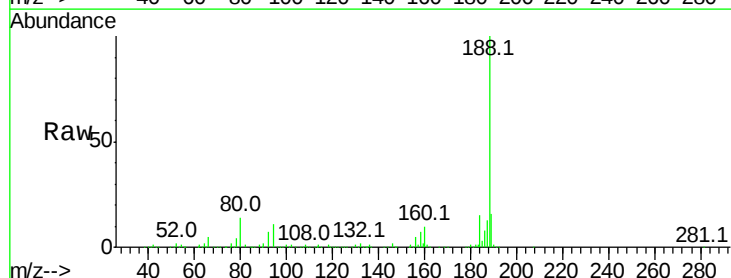


Time-->

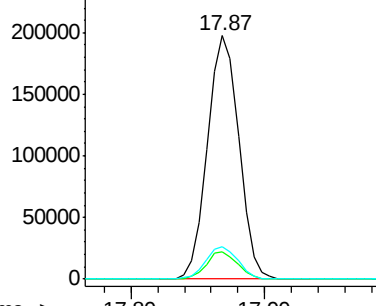


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.87 min Scan# 2413
Delta R.T. -0.05 min
Lab File: BG027382.D
Acq: 12 Jun 2017 19:29

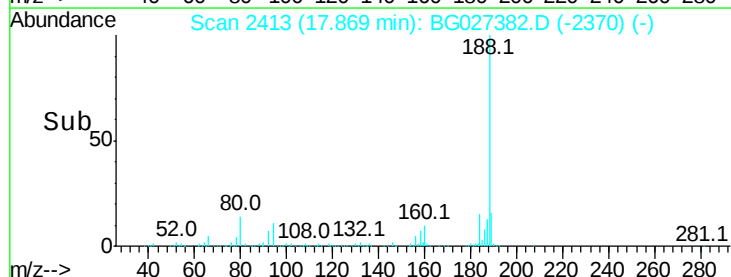
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.1	5.8	8.8#
80	13.5	7.5	11.3#

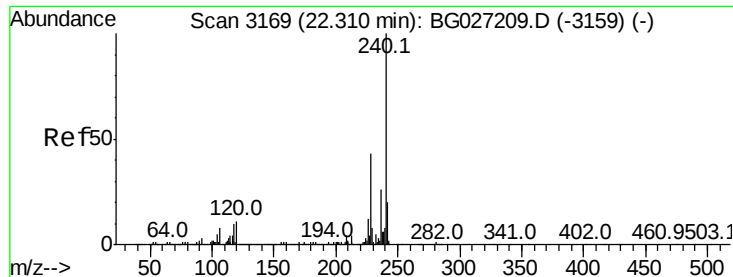


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC



Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.25 min Scan# 3158

Delta R.T. -0.06 min

Lab File: BG027382.D

Acq: 12 Jun 2017 19:29

Instrument :

BNA_G

ClientSampled :

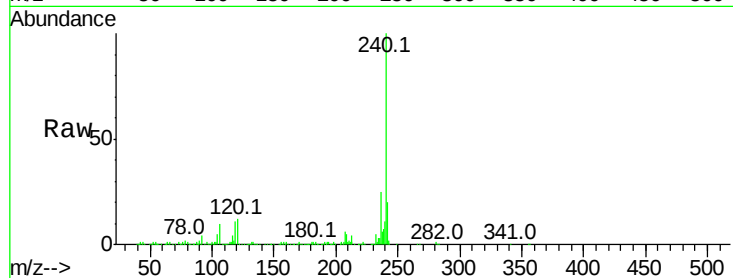
Tot Ion:240 Resp: 383460

Ion Ratio Lower Upper

240 100

120 12.1 5.7 8.5#

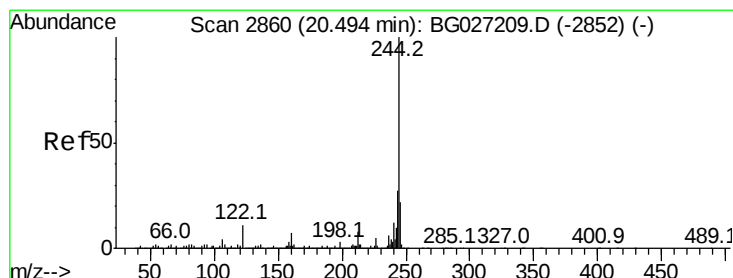
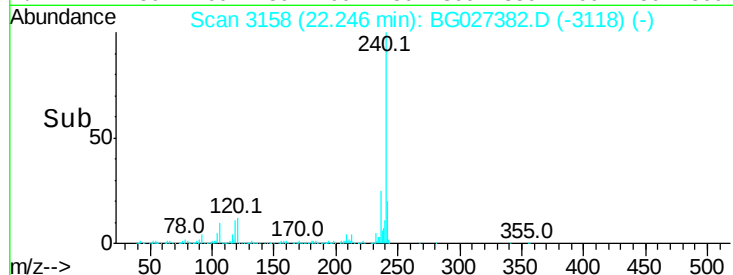
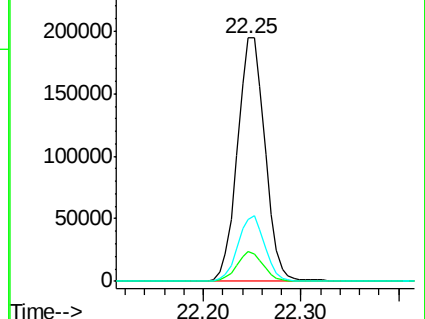
236 25.4 22.2 33.4



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: 114.62 ng

RT: 20.45 min Scan# 2852

Delta R.T. -0.05 min

Lab File: BG027382.D

Acq: 12 Jun 2017 19:29

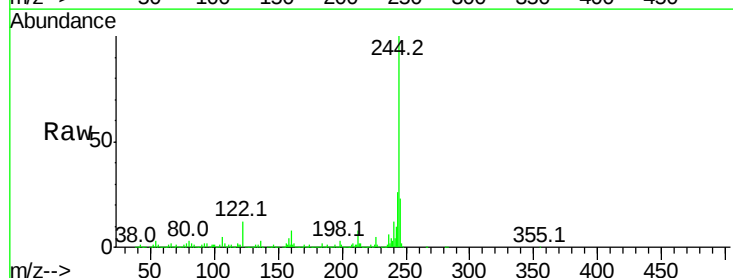
Tgt Ion:244 Resp: 1722873

Ion Ratio Lower Upper

244 100

212 8.2 10.0 15.0#

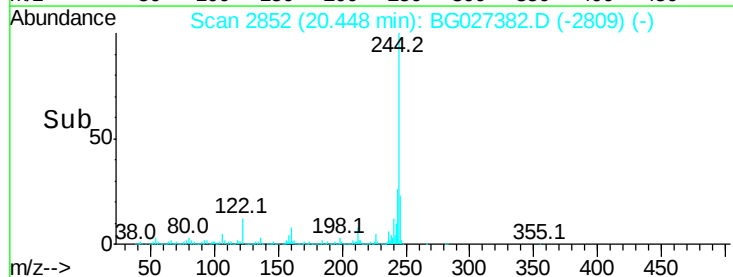
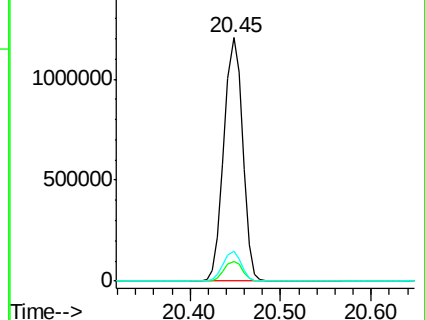
122 12.1 8.6 12.8

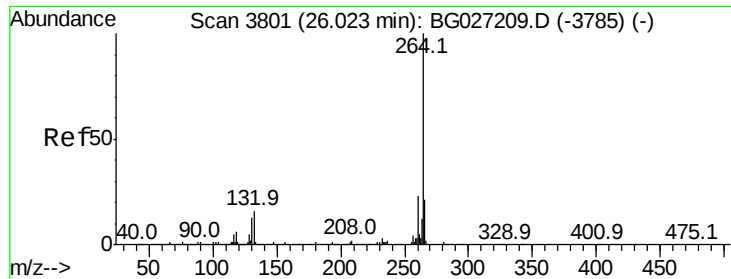


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

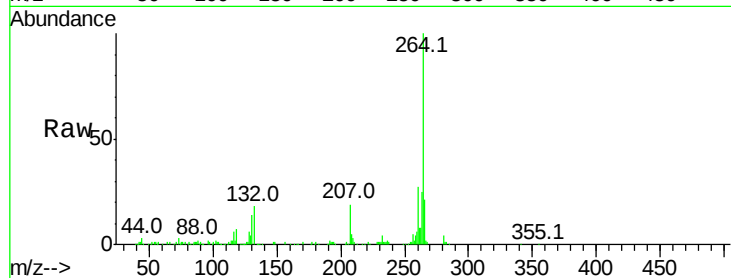




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.92 min Scan# 3783
Delta R.T. -0.11 min
Lab File: BG027382.D
Acq: 12 Jun 2017 19:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.8	21.8	32.8
265	20.5	18.2	27.4



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

