

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060817\
 Data File : BG027331.D
 Acq On : 9 Jun 2017 00:14
 Operator : SJ/MA
 Sample : I3479-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 09 05:50:55 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

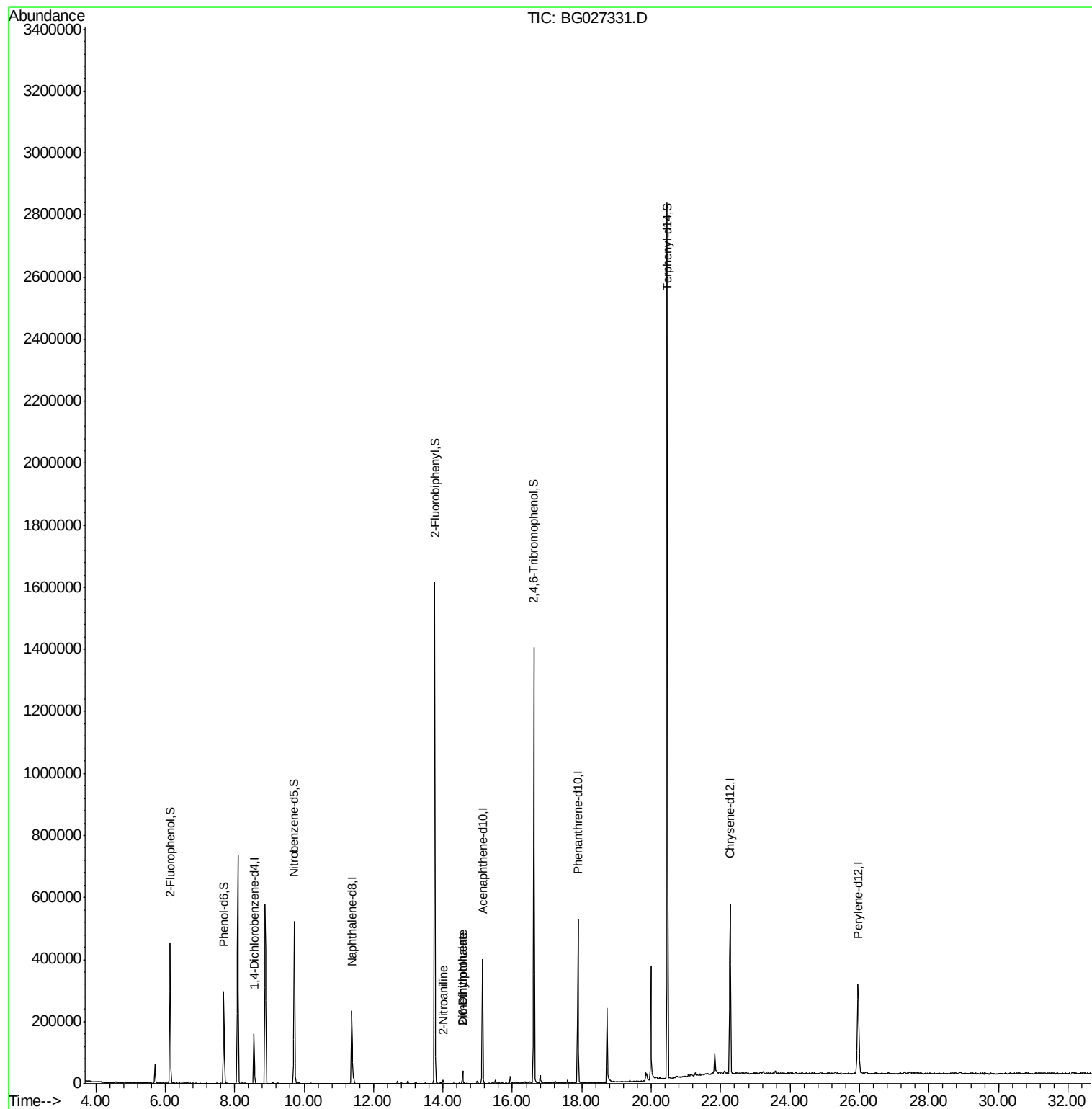
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	45576	20.00	ng	-0.02
21) Naphthalene-d8	11.37	136	212620	20.00	ng	-0.03
38) Acenaphthene-d10	15.14	164	141949	20.00	ng	-0.02
63) Phenanthrene-d10	17.89	188	336469	20.00	ng	-0.03
75) Chrysene-d12	22.27	240	378300	20.00	ng	-0.04
86) Perylene-d12	25.96	264	350461	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	208072	69.67	ng	-0.01
7) Phenol-d6	7.69	99	191506	43.68	ng	-0.01
23) Nitrobenzene-d5	9.72	82	357866	105.85	ng	-0.03
41) 2,4,6-Tribromophenol	16.62	330	274061	146.62	ng	-0.03
44) 2-Fluorobiphenyl	13.76	172	856180	84.38	ng	-0.03
78) Terphenyl-d14	20.46	244	1301209	87.74	ng	-0.03
Target Compounds						
47) 2-Nitroaniline	14.00	65	159	6.89	ng	# 16
49) Dimethylphthalate	14.57	163	27910	2.48	ng	# 96
50) 2,6-Dinitrotoluene	14.58	165	201	5.69	ng	# 27

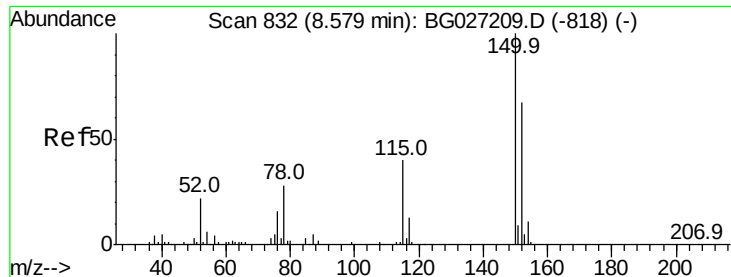
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :

Quant Time: Jun 09 05:50:55 2017
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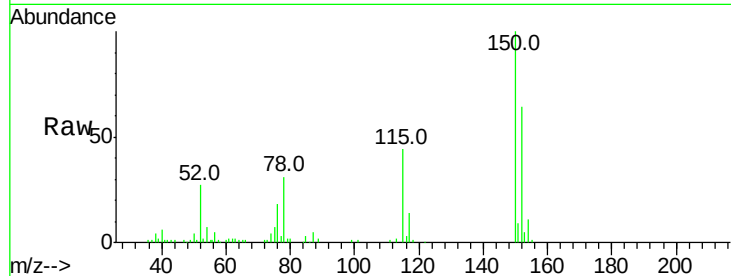


#1

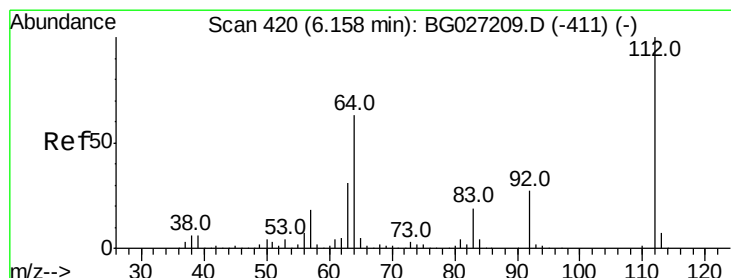
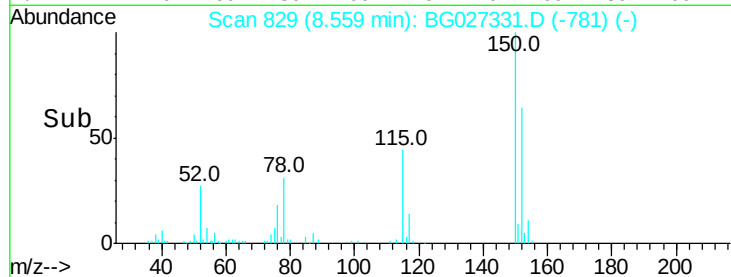
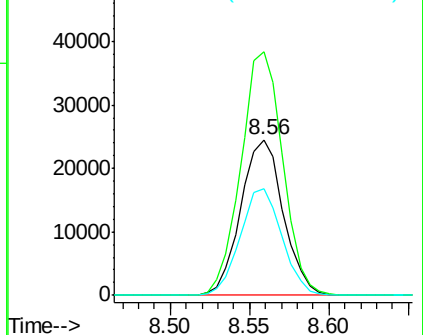
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.56 min Scan# 829
Delta R.T. -0.02 min
Lab File: BG027331.D
Acq: 9 Jun 2017 00:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 45576
Ion Ratio Lower Upper
152 100
150 156.2 114.0 171.0
115 68.8 48.1 72.1



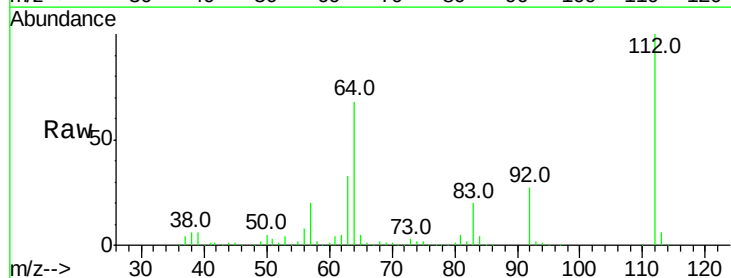
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



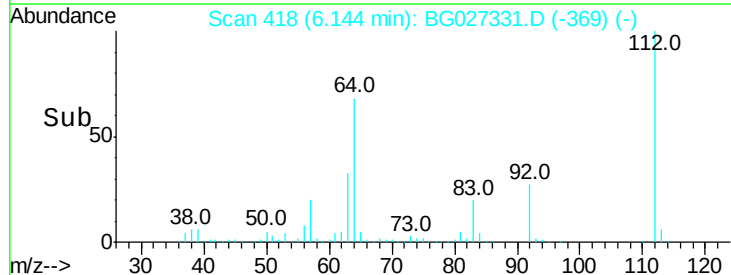
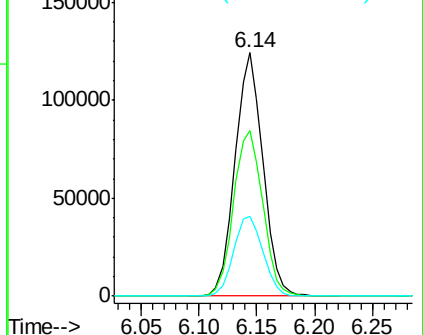
#5

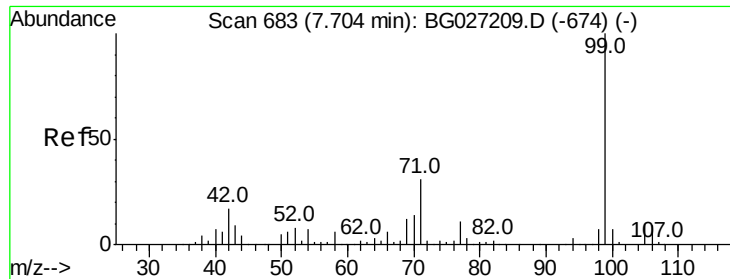
2-Fluorophenol
Concen: 69.67 ng
RT: 6.14 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG027331.D
Acq: 9 Jun 2017 00:14

Tgt Ion:112 Resp: 208072
Ion Ratio Lower Upper
112 100
64 68.2 61.8 92.6
63 32.9 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: 43.68 ng

RT: 7.69 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG027331.D

Acq: 9 Jun 2017 00:14

Instrument :

BNA_G

ClientSampled :

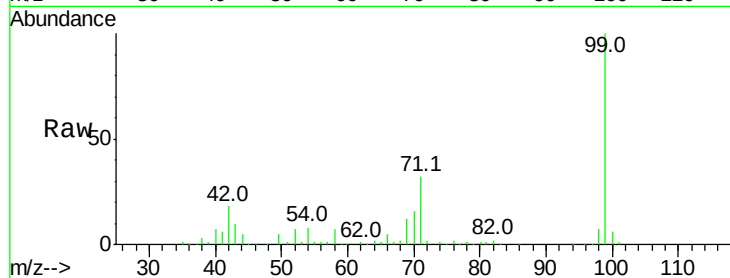
Tot Ion: 99 Resp: 191506

Ion Ratio Lower Upper

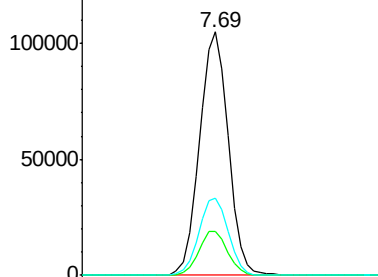
99 100

42 18.0 20.5 30.7#

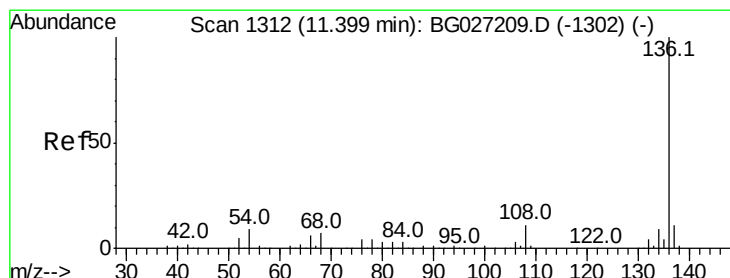
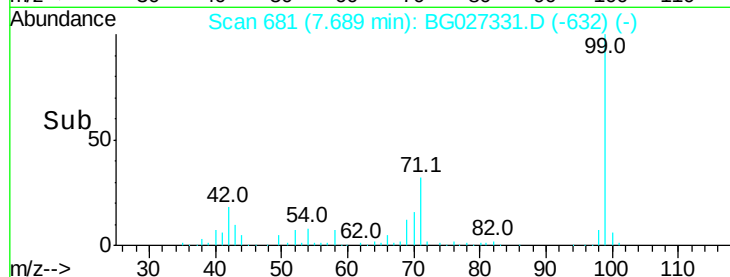
71 31.8 37.6 56.4#



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



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.37 min Scan# 1308

Delta R.T. -0.03 min

Lab File: BG027331.D

Acq: 9 Jun 2017 00:14

Tgt Ion: 136 Resp: 212620

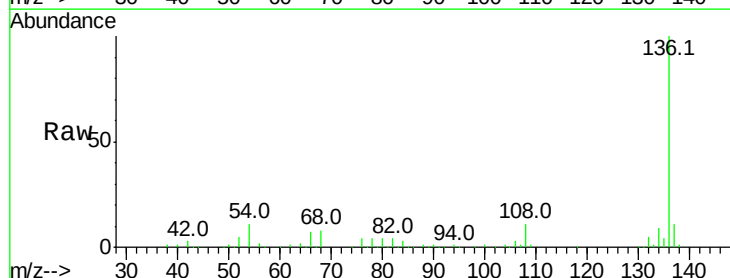
Ion Ratio Lower Upper

136 100

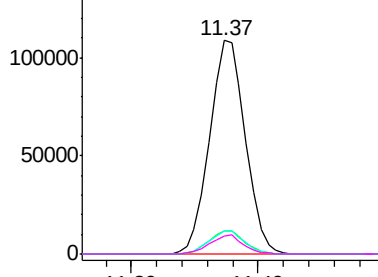
137 10.6 8.9 13.3

54 11.0 9.3 13.9

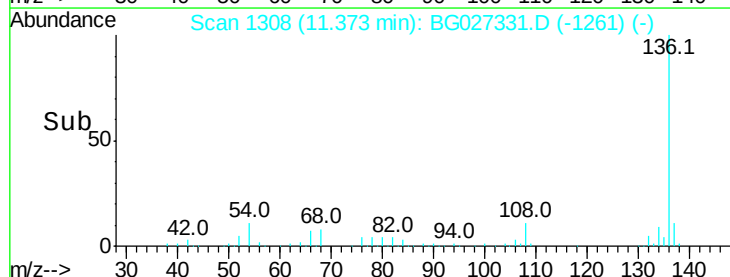
68 8.4 5.1 7.7#

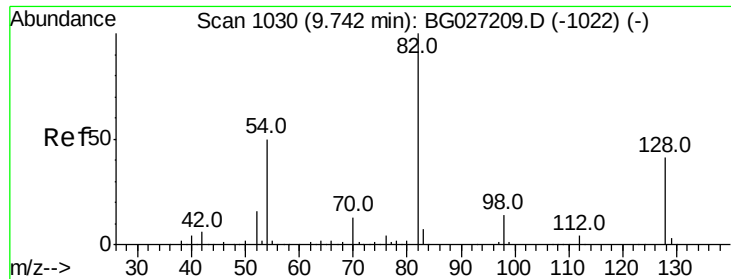


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Time-->

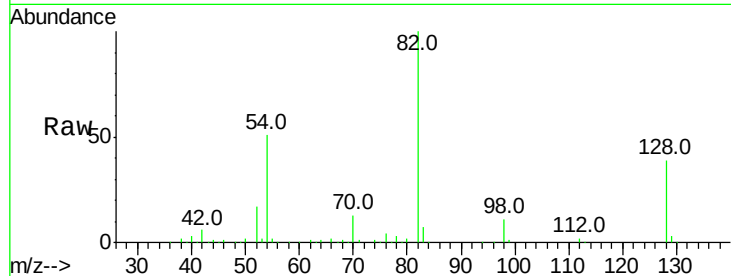




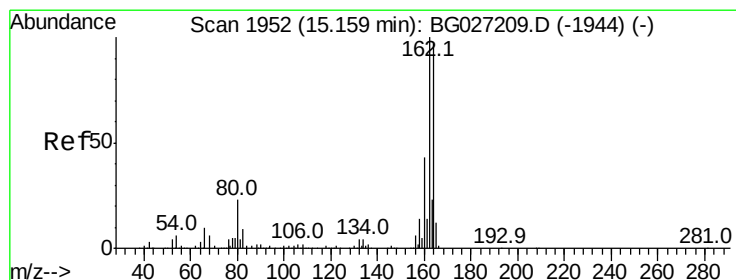
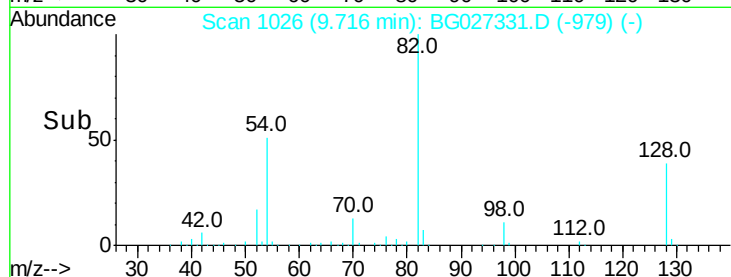
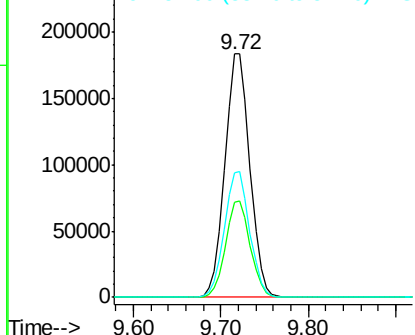
#23
Nitrobenzene-d5
Concen: 105.85 ng
RT: 9.72 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BG027331.D
Acq: 9 Jun 2017 00:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	357866
Ion	Ratio	Lower	Upper
82	100		
128	39.1	26.4	39.6
54	51.4	49.4	74.2

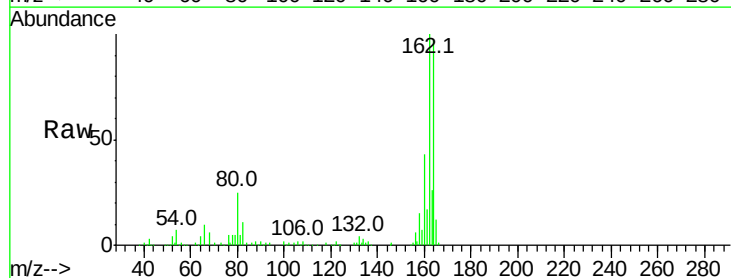


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

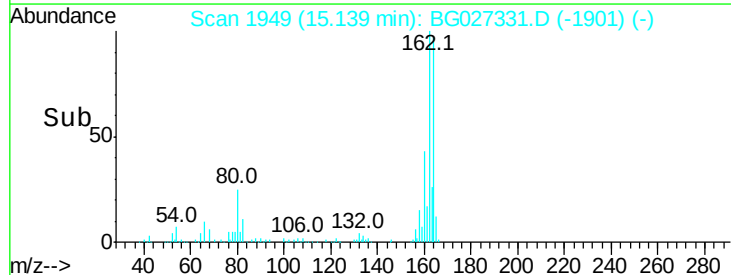
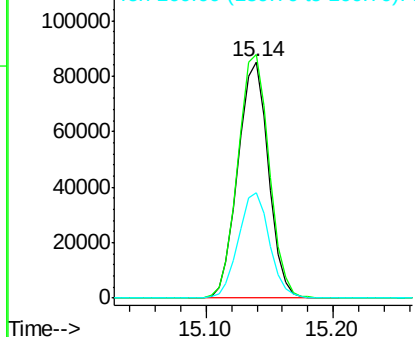


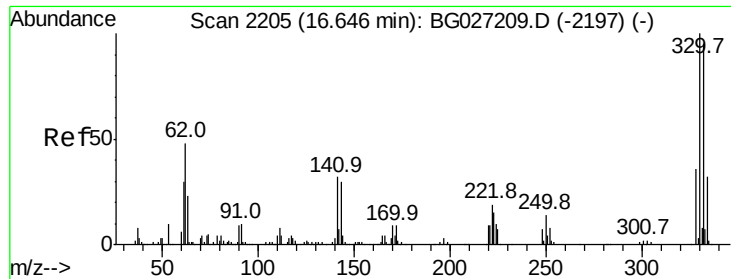
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.14 min Scan# 1949
Delta R.T. -0.02 min
Lab File: BG027331.D
Acq: 9 Jun 2017 00:14

Tgt Ion	164	Resp	141949
Ion	Ratio	Lower	Upper
164	100		
162	103.1	85.1	127.7
160	44.4	34.7	52.1



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

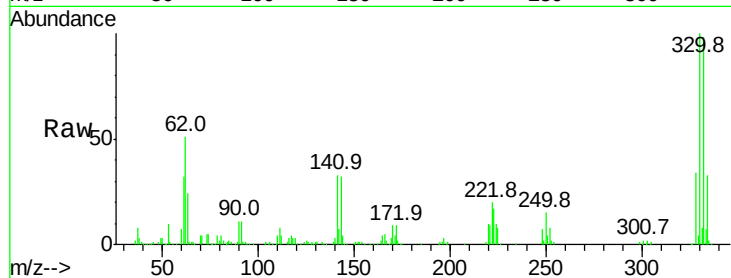




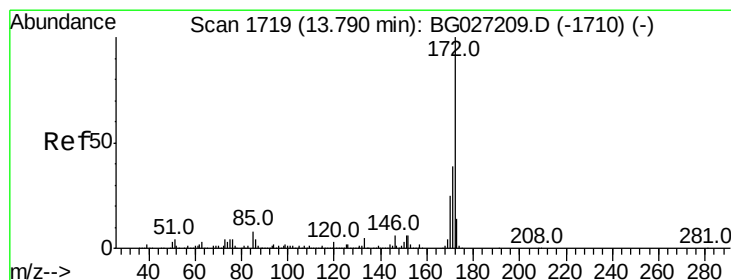
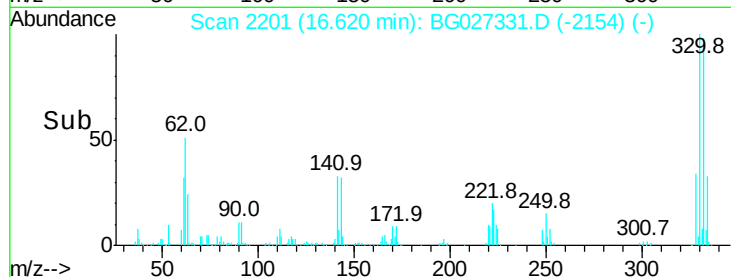
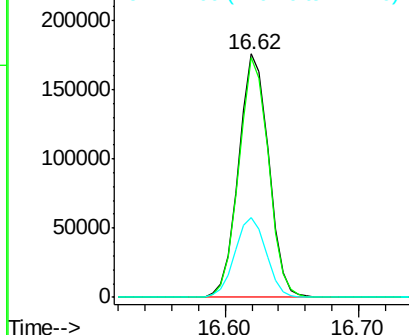
#41
 2,4,6-Tribromophenol
 Concen: 146.62 ng
 RT: 16.62 min Scan# 2201
 Delta R.T. -0.03 min
 Lab File: BG027331.D
 Acq: 9 Jun 2017 00:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 274061
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.3 115.9
 141 34.1 32.1 48.1

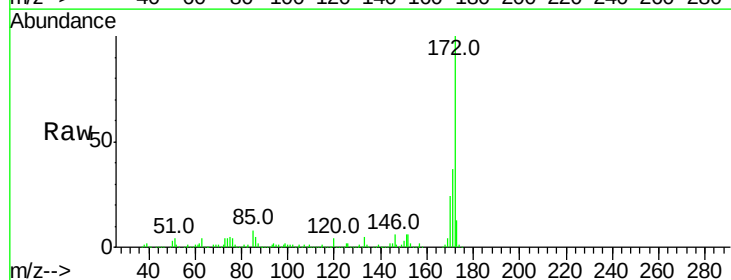


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

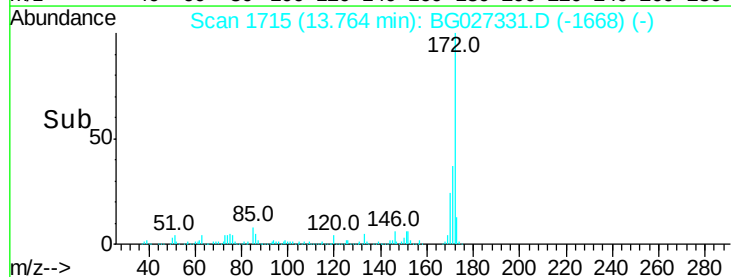
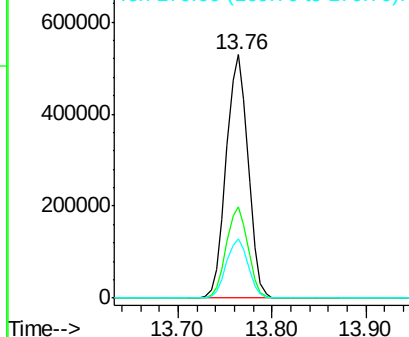


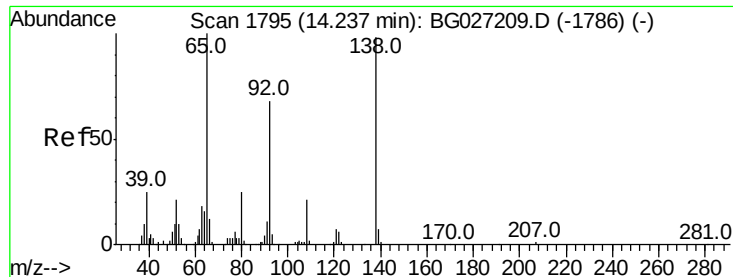
#44
 2-Fluorobiphenyl
 Concen: 84.38 ng
 RT: 13.76 min Scan# 1715
 Delta R.T. -0.03 min
 Lab File: BG027331.D
 Acq: 9 Jun 2017 00:14

Tgt Ion:172 Resp: 856180
 Ion Ratio Lower Upper
 172 100
 171 37.5 32.2 48.2
 170 24.3 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

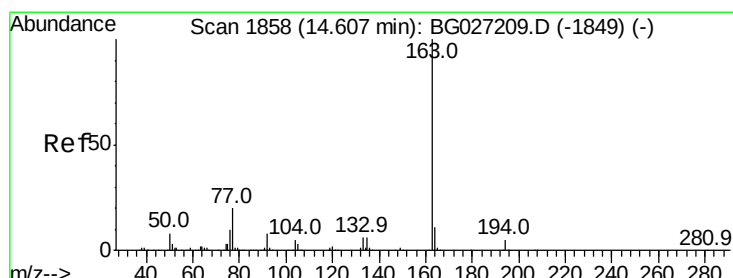
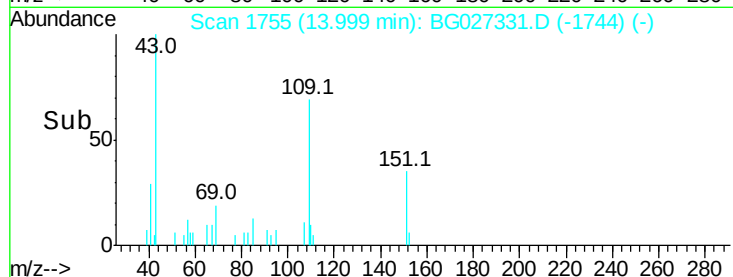
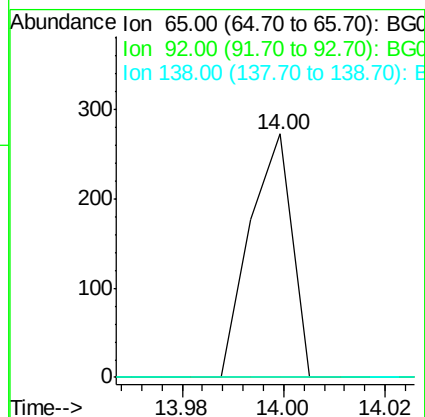
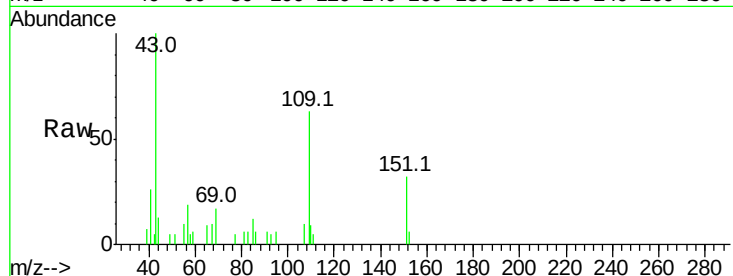




#47
2-Nitroaniline
Concen: 6.89 ng
RT: 14.00 min Scan# 1755
Delta R.T. -0.24 min
Lab File: BG027331.D
Acq: 9 Jun 2017 00:14

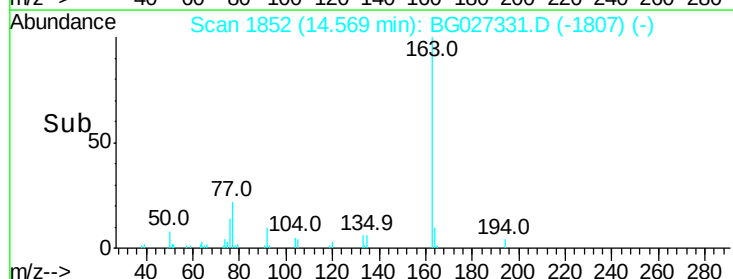
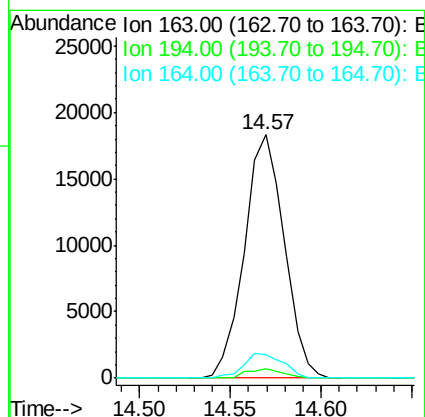
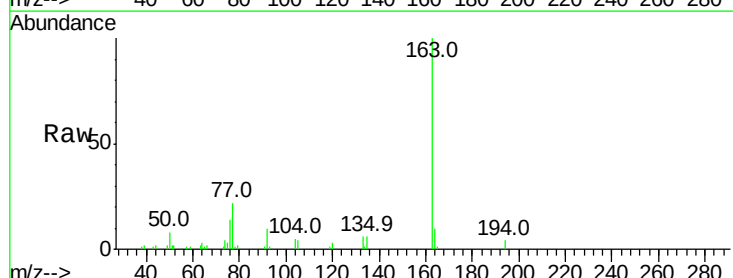
Instrument :
BNA_G
ClientSampleId :

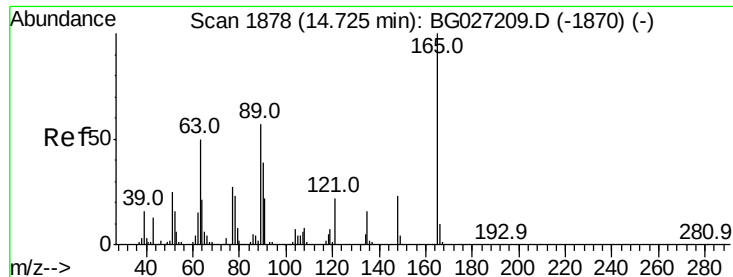
Tot Ion	Ratio	Lower	Upper
65	100		
92	0.0	49.0	73.4#
138	0.0	58.6	87.8#



#49
Dimethylphthalate
Concen: 2.48 ng
RT: 14.57 min Scan# 1852
Delta R.T. -0.04 min
Lab File: BG027331.D
Acq: 9 Jun 2017 00:14

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.8	5.6#
164	9.7	9.3	13.9

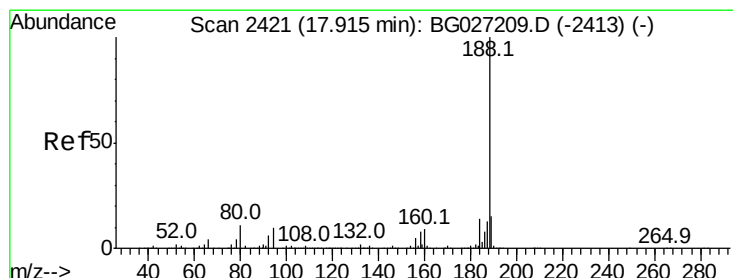
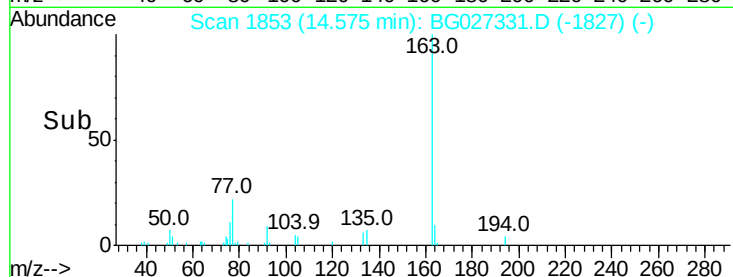
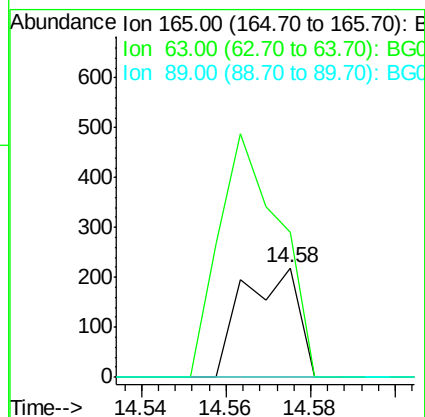
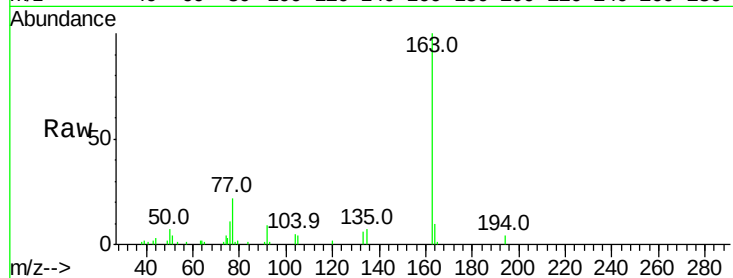




#50
2,6-Dinitrotoluene
Concen: 5.69 ng
RT: 14.58 min Scan# 1853
Delta R.T. -0.15 min
Lab File: BG027331.D
Acq: 9 Jun 2017 00:14

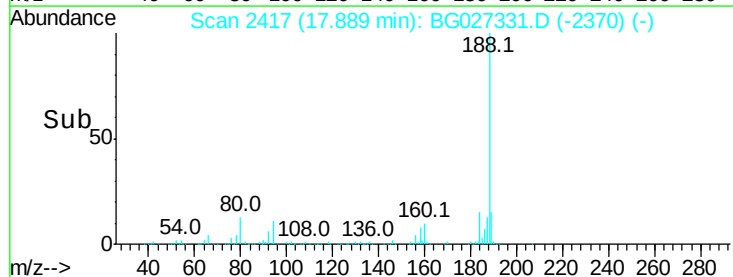
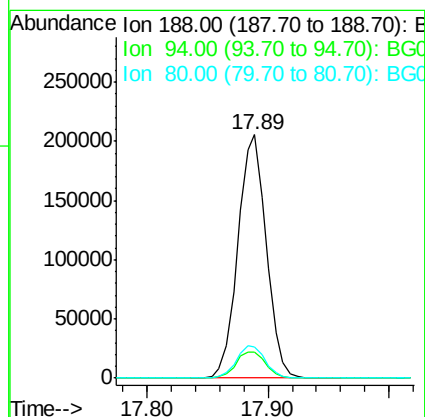
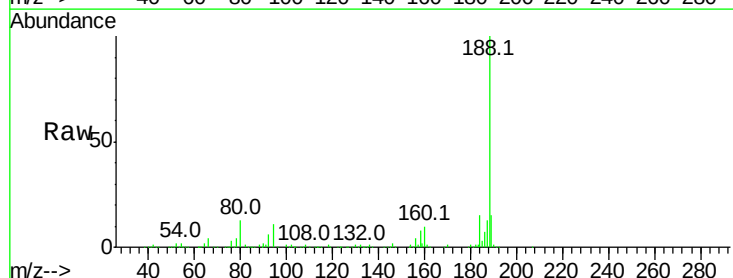
Instrument :
BNA_G
ClientSampleId :

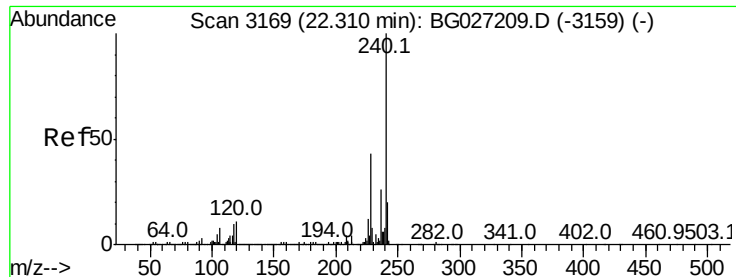
Tot Ion:165 Resp: 201
Ion Ratio Lower Upper
165 100
63 132.4 63.9 95.9#
89 0.0 58.6 88.0#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.89 min Scan# 2417
Delta R.T. -0.03 min
Lab File: BG027331.D
Acq: 9 Jun 2017 00:14

Tgt Ion:188 Resp: 336469
Ion Ratio Lower Upper
188 100
94 10.9 5.8 8.8#
80 12.5 7.5 11.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.27 min Scan# 3163

Delta R.T. -0.04 min

Lab File: BG027331.D

Acq: 9 Jun 2017 00:14

Instrument :

BNA_G

ClientSampleId :

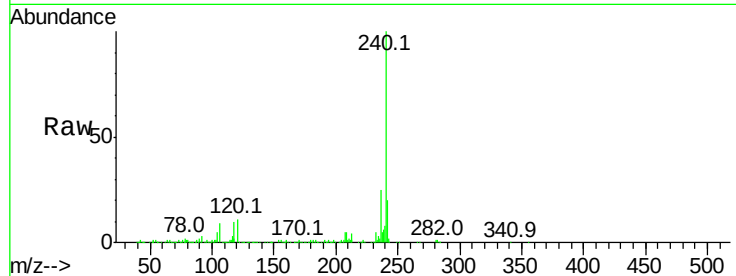
Tot Ion:240 Resp: 378300

Ion Ratio Lower Upper

240 100

120 11.3 5.7 8.5#

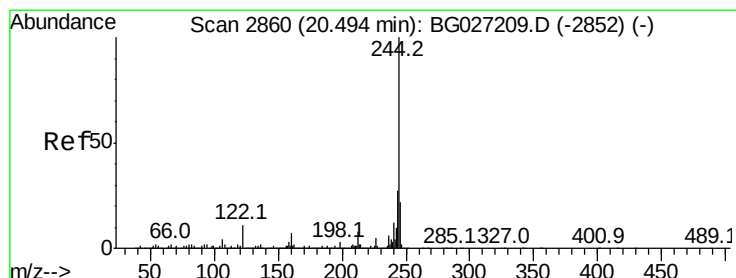
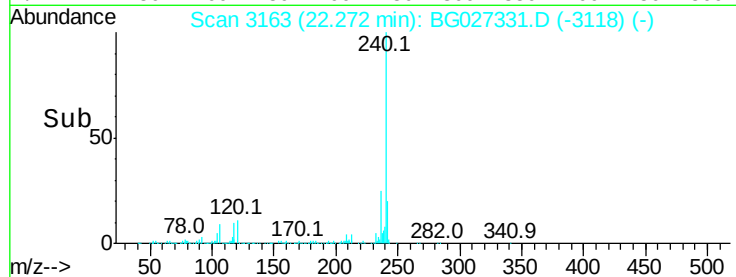
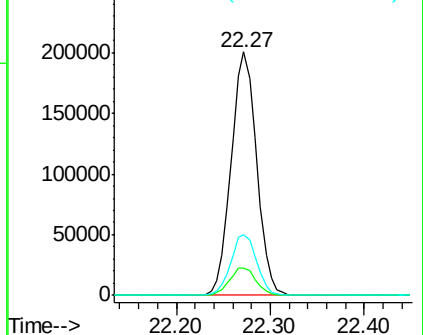
236 24.7 22.2 33.4



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: 87.74 ng

RT: 20.46 min Scan# 2855

Delta R.T. -0.03 min

Lab File: BG027331.D

Acq: 9 Jun 2017 00:14

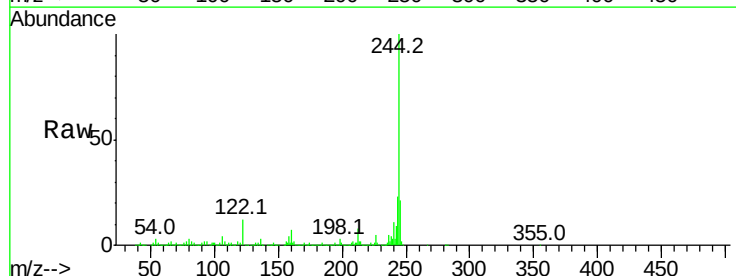
Tgt Ion:244 Resp: 1301209

Ion Ratio Lower Upper

244 100

212 7.8 10.0 15.0#

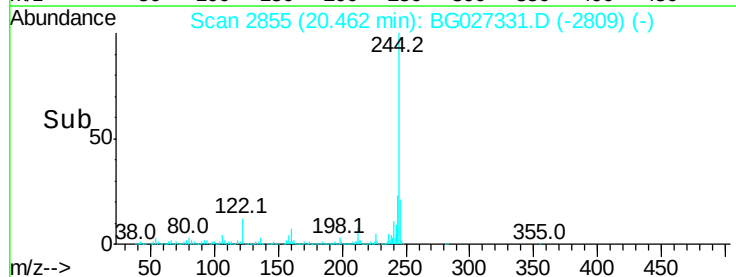
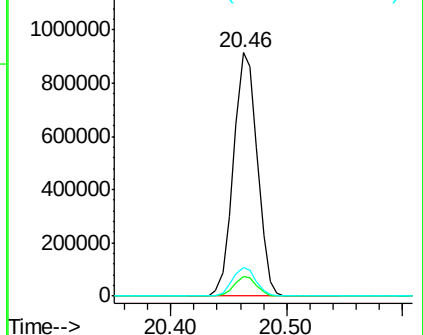
122 11.9 8.6 12.8

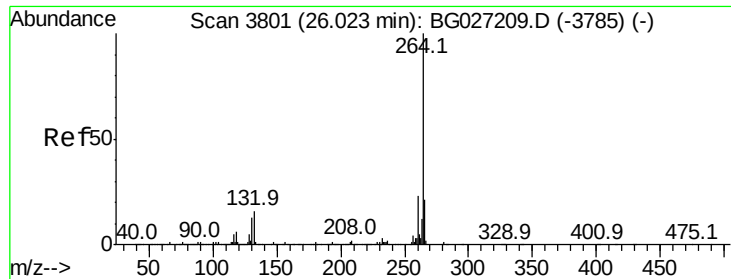


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

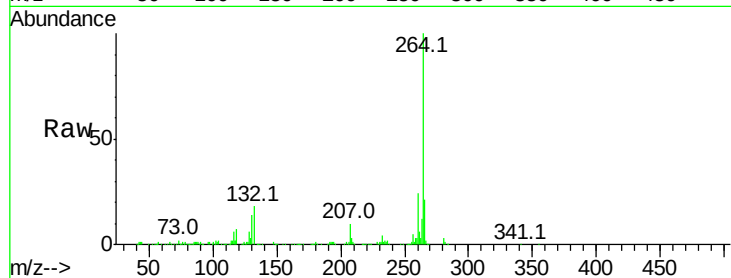




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.96 min Scan# 3790
Delta R.T. -0.07 min
Lab File: BG027331.D
Acq: 9 Jun 2017 00:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	21.8	32.8
265	21.3	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

