

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092517\
 Data File : BG028937.D
 Acq On : 26 Sep 2017 10:30
 Operator : SJ/JU
 Sample : I5385-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 26 12:02:13 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

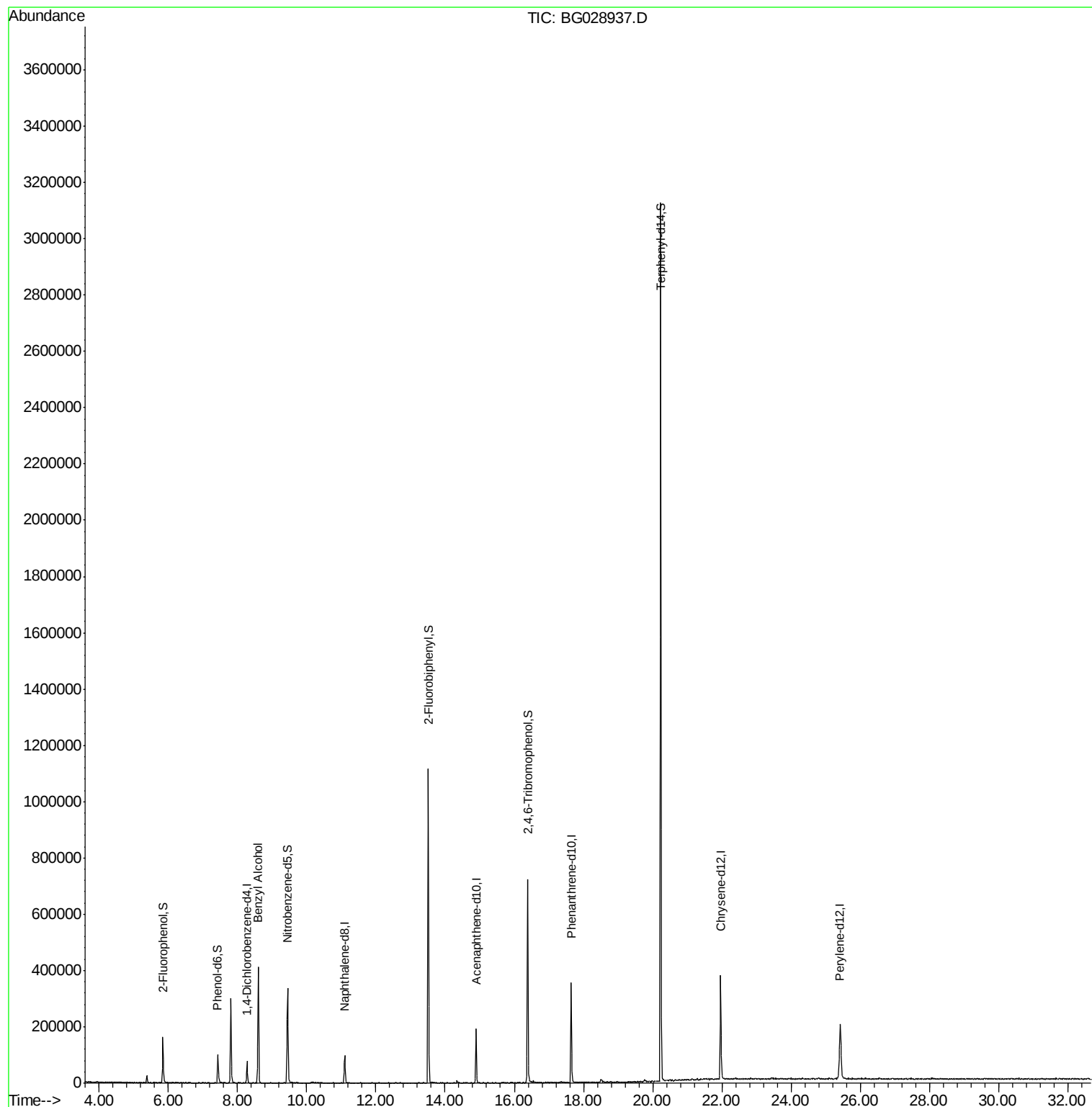
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	22663	20.00	ng	-0.06
21) Naphthalene-d8	11.10	136	87831	20.00	ng	-0.05
38) Acenaphthene-d10	14.89	164	69121	20.00	ng	-0.05
63) Phenanthrene-d10	17.64	188	230085	20.00	ng	-0.05
75) Chrysene-d12	21.96	240	265185	20.00	ng	-0.07
86) Perylene-d12	25.41	264	260776	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	72533	52.81	ng	-0.06
7) Phenol-d6	7.43	99	64098	31.00	ng	-0.06
23) Nitrobenzene-d5	9.45	82	215556	117.40	ng	-0.06
41) 2,4,6-Tribromophenol	16.39	330	159527	139.54	ng	-0.05
44) 2-Fluorobiphenyl	13.51	172	593651	114.52	ng	-0.05
78) Terphenyl-d14	20.24	244	1422443	114.39	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	8.60	79	3512	2.176	ng	Qvalue # 55

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.27 min Scan# 797

Delta R.T. -0.06 min

Lab File: BG028937.D

Acq: 26 Sep 2017 10:30

Instrument :

BNA_G

ClientSampleId :

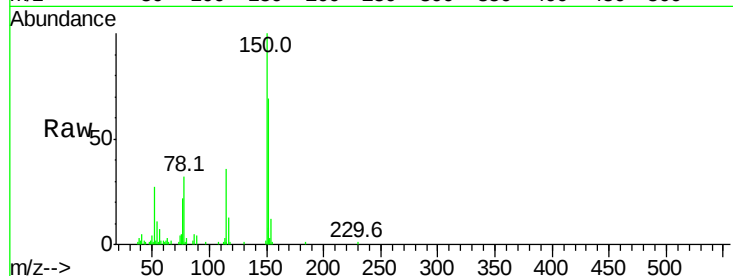
Tot Ion:152 Resp: 22663

Ion Ratio Lower Upper

152 100

150 145.3 114.0 171.0

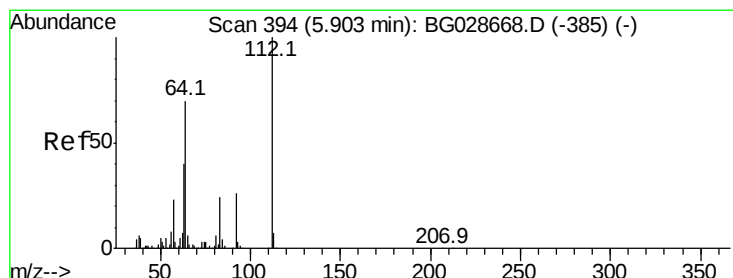
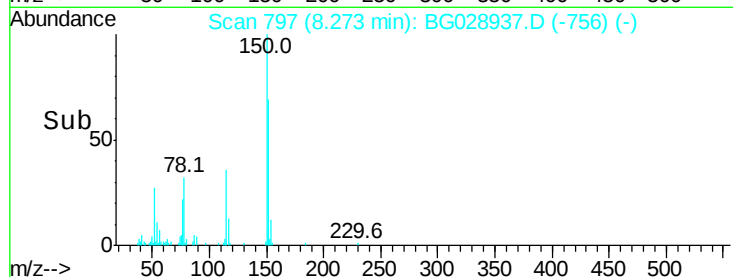
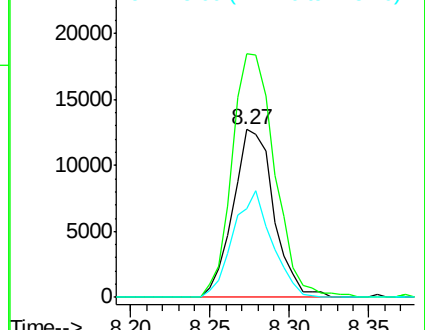
115 52.7 48.1 72.1



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: 52.810 ng

RT: 5.85 min Scan# 384

Delta R.T. -0.06 min

Lab File: BG028937.D

Acq: 26 Sep 2017 10:30

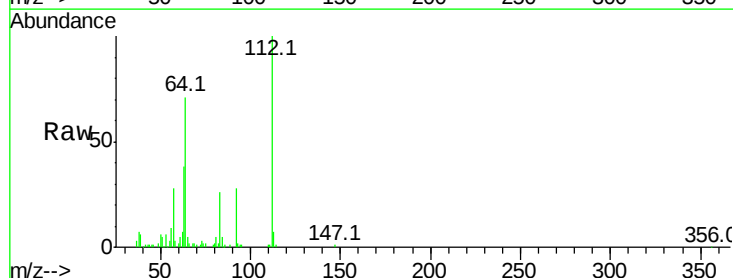
Tgt Ion:112 Resp: 72533

Ion Ratio Lower Upper

112 100

64 71.0 61.8 92.6

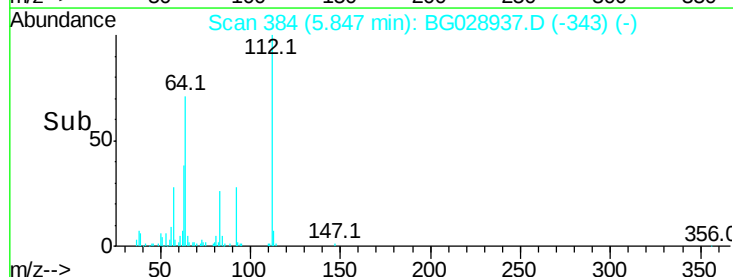
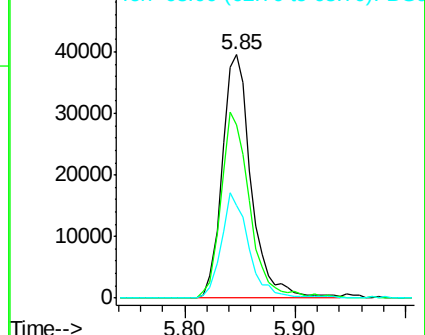
63 38.1 37.2 55.8

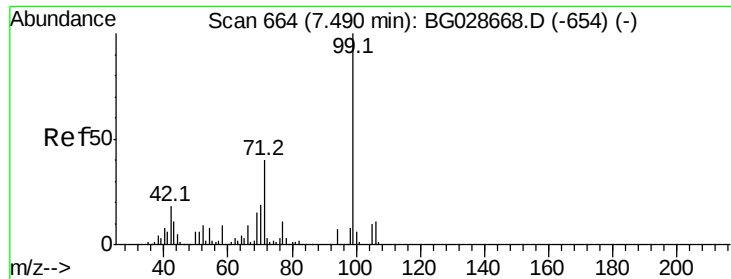


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 30.996 ng

RT: 7.43 min Scan# 654

Delta R.T. -0.06 min

Lab File: BG028937.D

Acq: 26 Sep 2017 10:30

Instrument :

BNA_G

ClientSampleId :

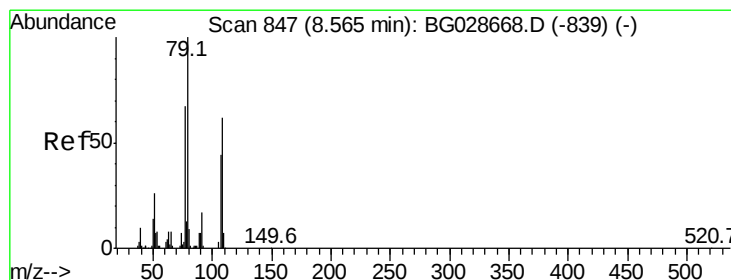
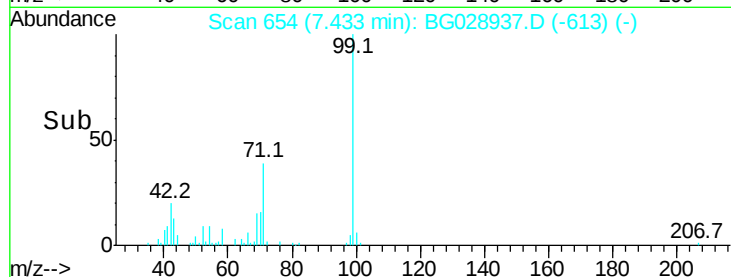
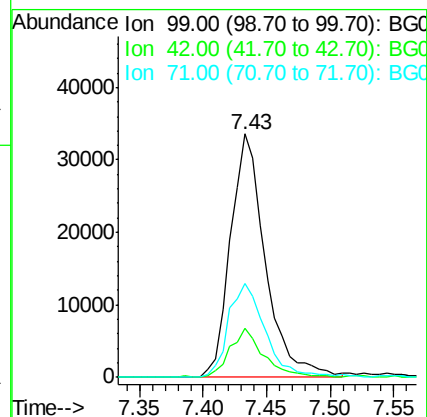
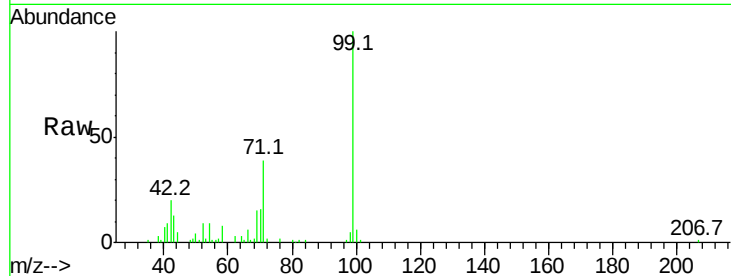
Tot Ion: 99 Resp: 64098

Ion Ratio Lower Upper

99 100

42 20.0 20.5 30.7#

71 38.6 37.6 56.4



#15

Benzyl Alcohol

Concen: 2.176 ng

RT: 8.60 min Scan# 852

Delta R.T. 0.03 min

Lab File: BG028937.D

Acq: 26 Sep 2017 10:30

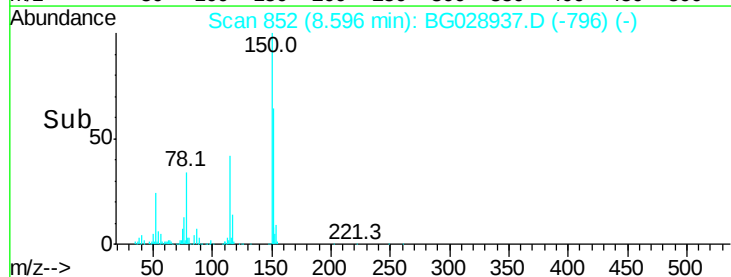
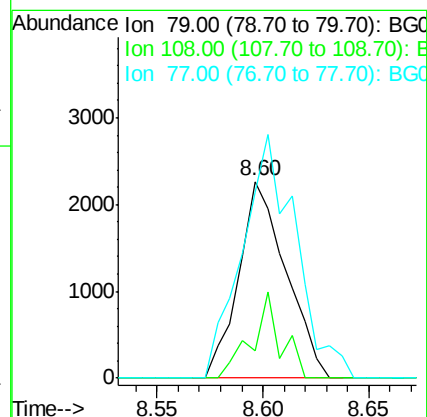
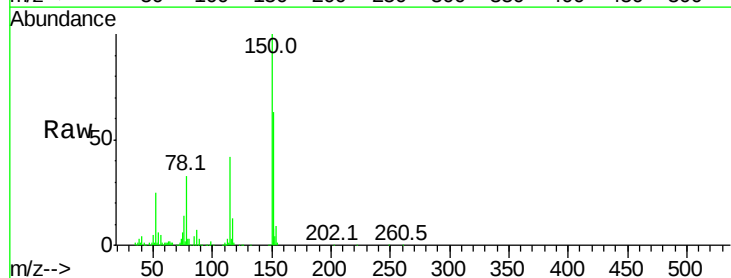
Tgt Ion: 79 Resp: 3512

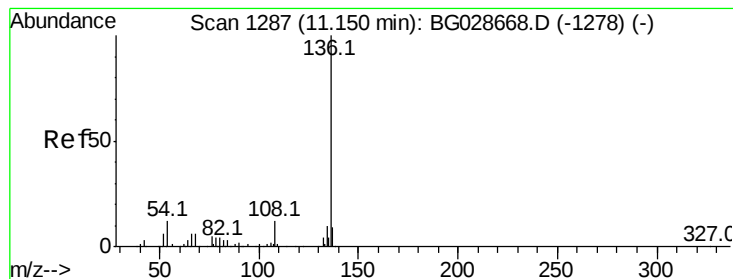
Ion Ratio Lower Upper

79 100

108 14.0 45.5 68.3#

77 94.7 54.3 81.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.10 min Scan# 1278

Delta R.T. -0.05 min

Lab File: BG028937.D

Acq: 26 Sep 2017 10:30

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 87831

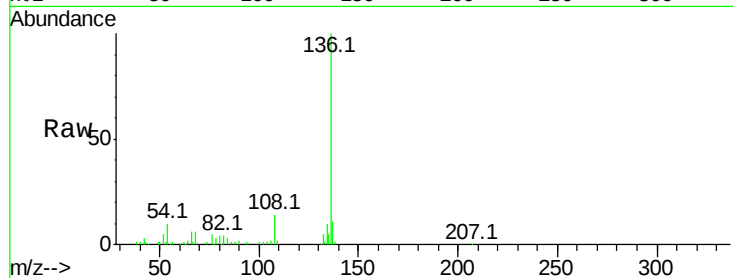
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 10.4 9.3 13.9

68 6.0 5.1 7.7

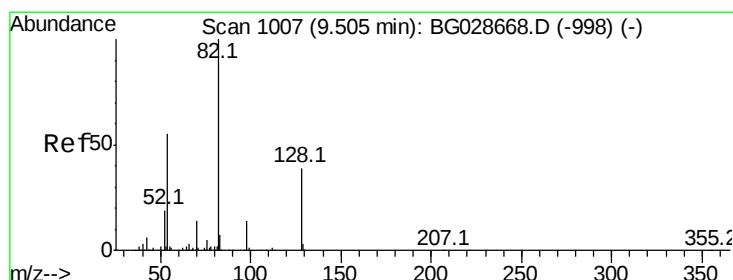
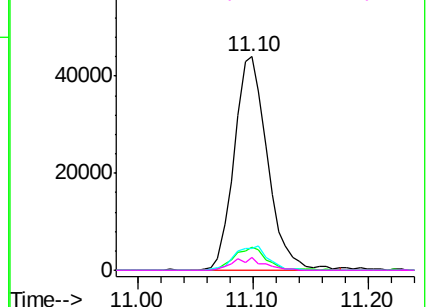
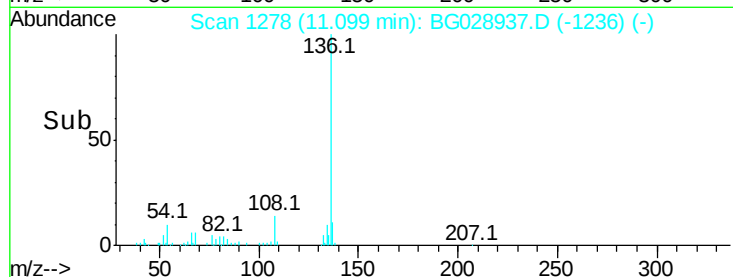


Abundance Ion 136.00 (135.70 to 136.70): E

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: 117.403 ng

RT: 9.45 min Scan# 997

Delta R.T. -0.06 min

Lab File: BG028937.D

Acq: 26 Sep 2017 10:30

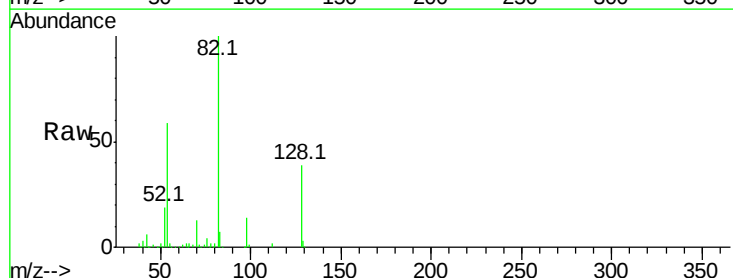
Tgt Ion: 82 Resp: 215556

Ion Ratio Lower Upper

82 100

128 39.2 26.4 39.6

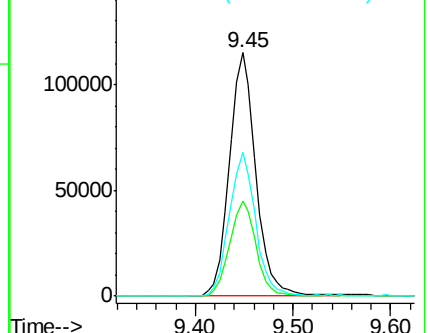
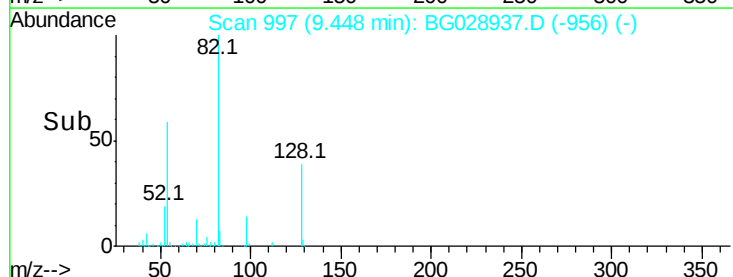
54 59.0 49.4 74.2

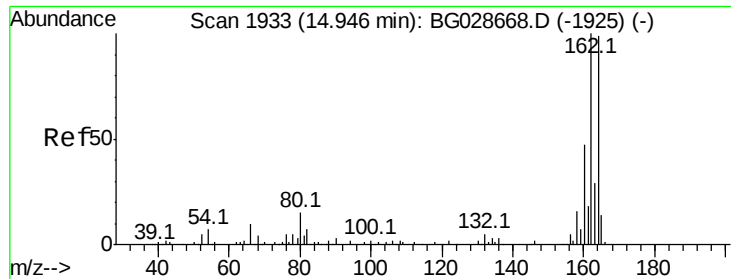


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.89 min Scan# 1924

Delta R.T. -0.05 min

Lab File: BG028937.D

Acq: 26 Sep 2017 10:30

Instrument :

BNA_G

ClientSampleId :

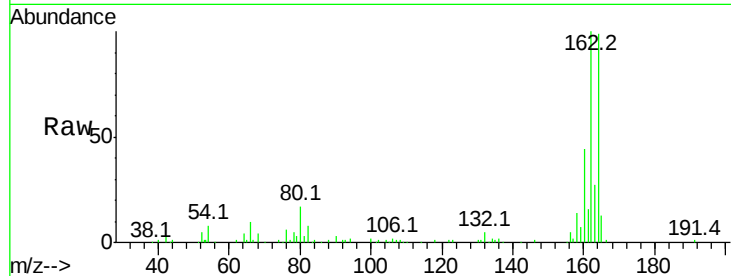
Tot Ion:164 Resp: 69121

Ion Ratio Lower Upper

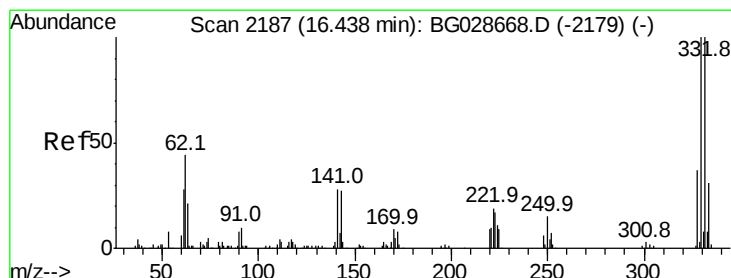
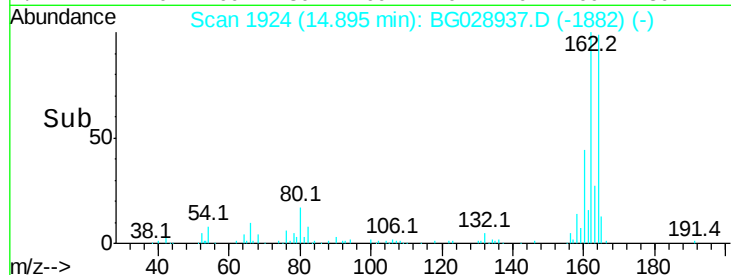
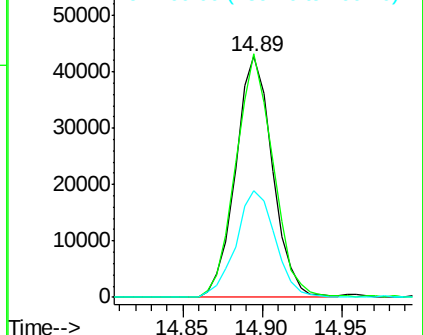
164 100

162 101.3 85.1 127.7

160 44.3 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: 139.542 ng

RT: 16.39 min Scan# 2178

Delta R.T. -0.05 min

Lab File: BG028937.D

Acq: 26 Sep 2017 10:30

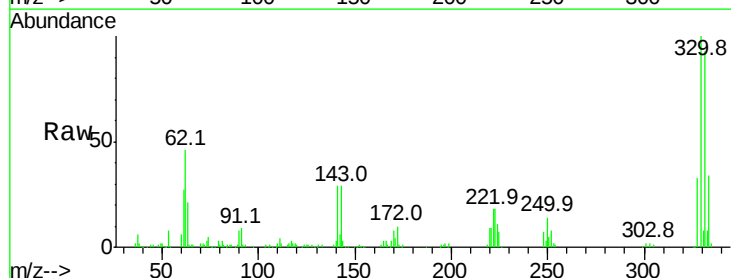
Tgt Ion:330 Resp: 159527

Ion Ratio Lower Upper

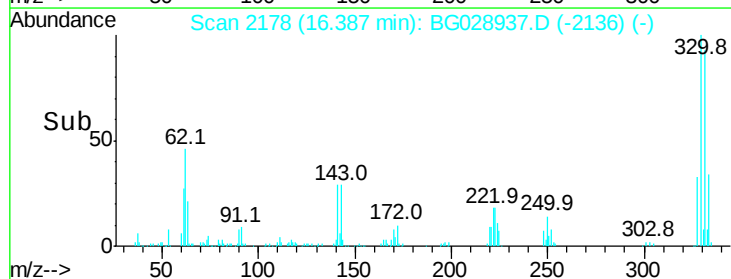
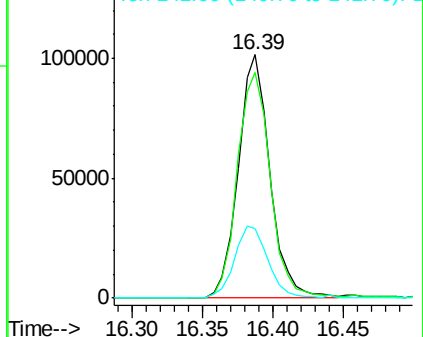
330 100

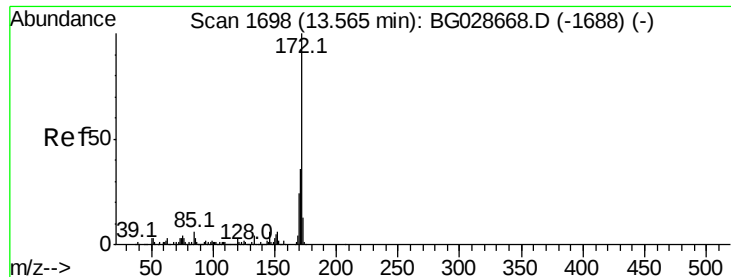
332 96.5 77.3 115.9

141 31.1 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

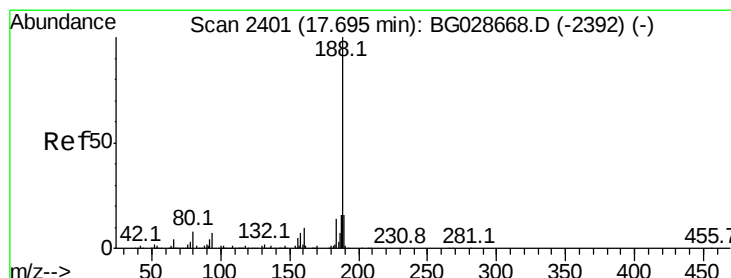
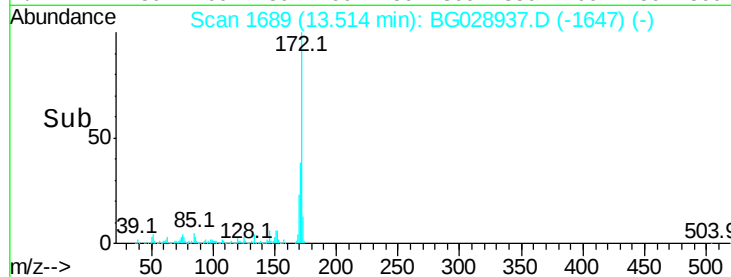
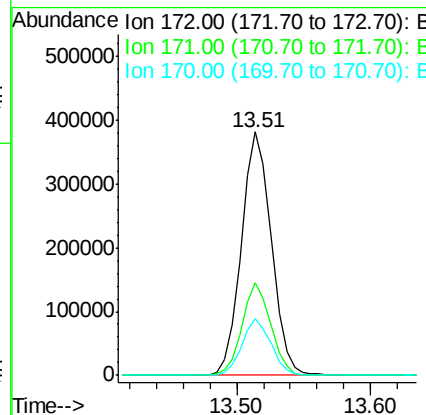
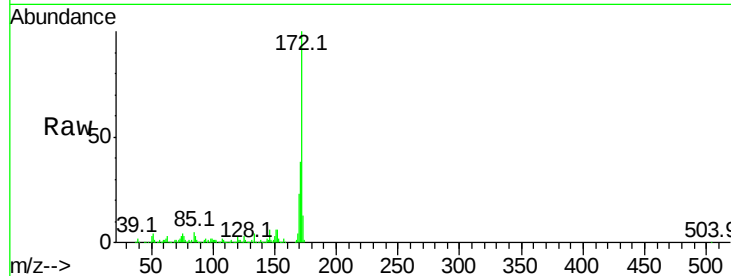




#44
 2-Fluorobiphenyl
 Concen: 114.522 ng
 RT: 13.51 min Scan# 1689
 Delta R.T. -0.05 min
 Lab File: BG028937.D
 Acq: 26 Sep 2017 10:30

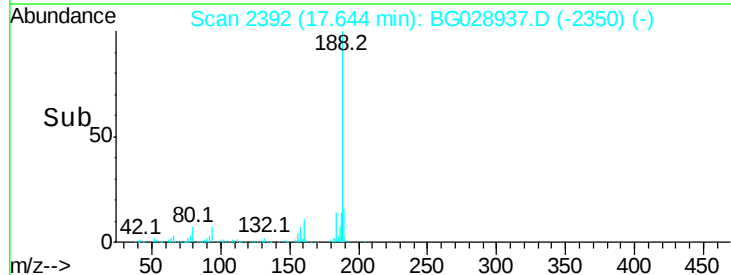
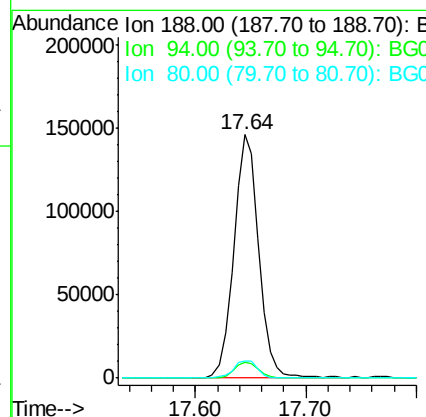
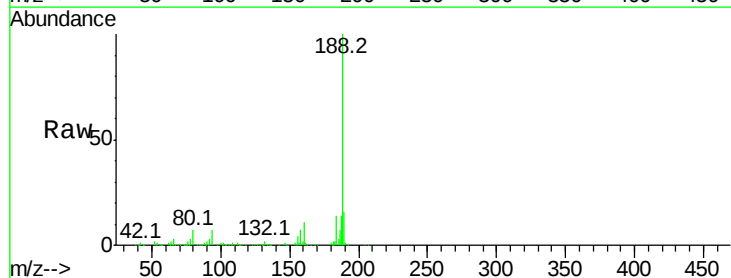
Instrument :
 BNA_G
 ClientSampleId :

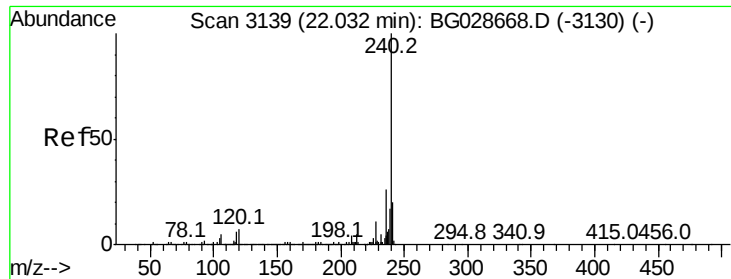
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	32.2	48.2
170	23.1	21.8	32.6



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.64 min Scan# 2392
 Delta R.T. -0.05 min
 Lab File: BG028937.D
 Acq: 26 Sep 2017 10:30

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.8	8.8
80	7.2	7.5	11.3





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.96 min Scan# 3127

Delta R.T. -0.07 min

Lab File: BG028937.D

Acq: 26 Sep 2017 10:30

Instrument :

BNA_G

ClientSampleId :

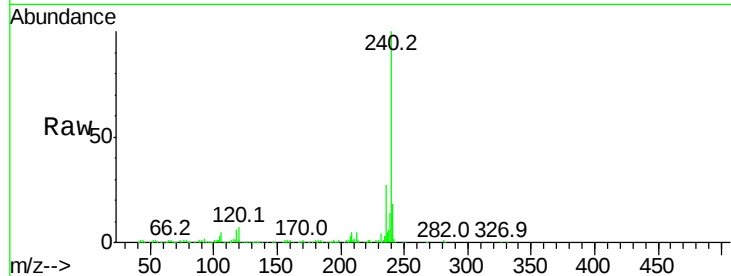
Tot Ion:240 Resp: 265185

Ion Ratio Lower Upper

240 100

120 6.8 5.7 8.5

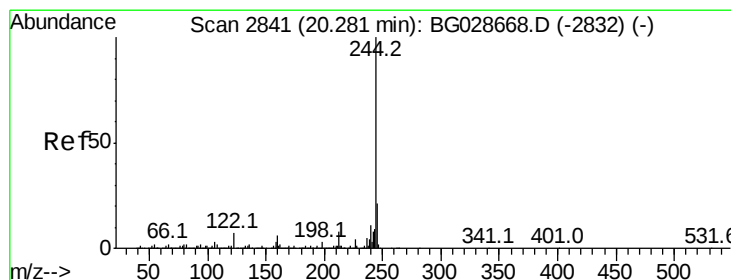
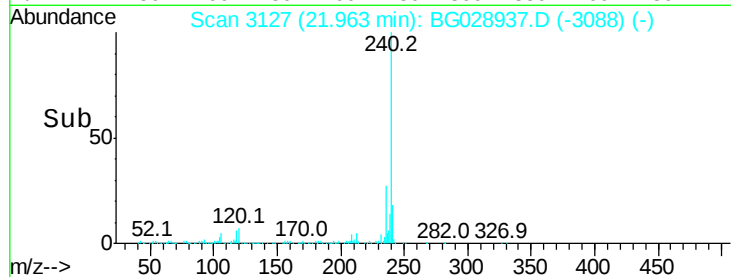
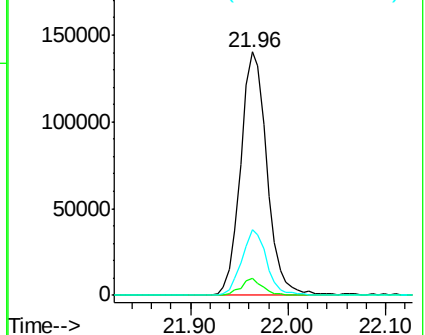
236 26.8 22.2 33.4



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: 114.390 ng

RT: 20.24 min Scan# 2833

Delta R.T. -0.05 min

Lab File: BG028937.D

Acq: 26 Sep 2017 10:30

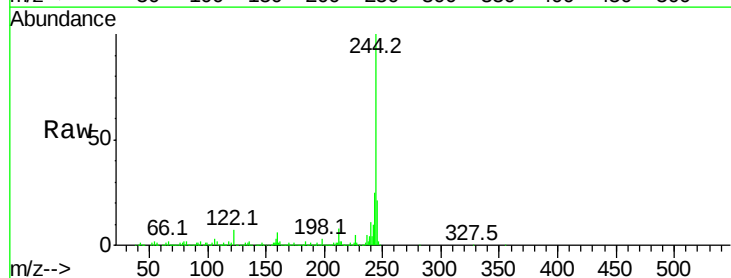
Tgt Ion:244 Resp: 1422443

Ion Ratio Lower Upper

244 100

212 8.0 10.0 15.0#

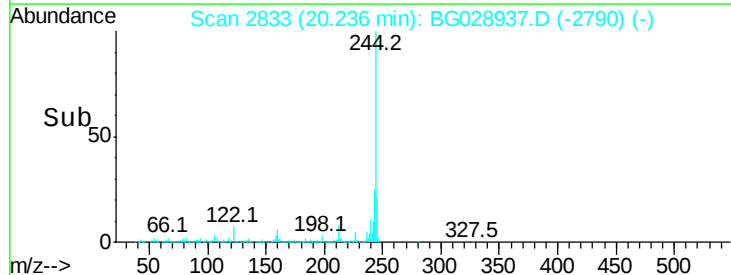
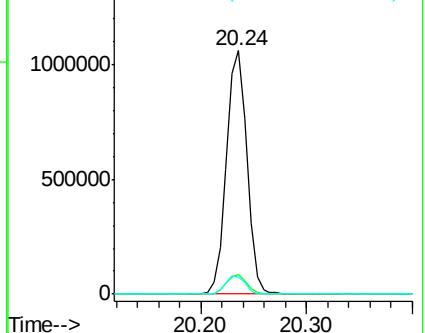
122 7.1 8.6 12.8#

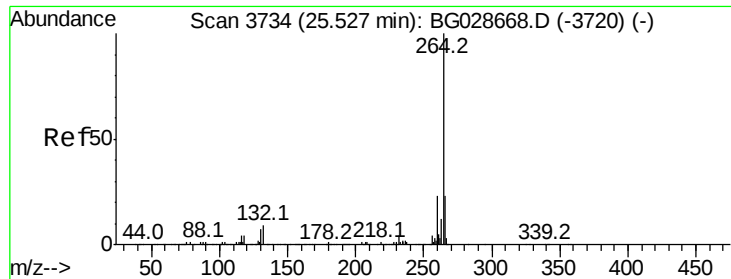


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

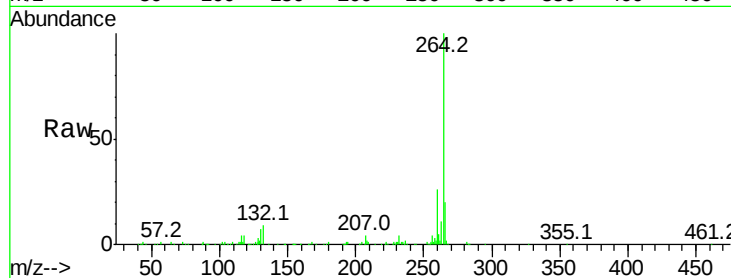




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.41 min Scan# 3714
 Delta R.T. -0.12 min
 Lab File: BG028937.D
 Acq: 26 Sep 2017 10:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.6	21.8	32.8
265	20.1	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

