

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092517\
 Data File : BG028915.D
 Acq On : 25 Sep 2017 19:53
 Operator : SJ/JU
 Sample : I5301-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 26 01:26:27 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

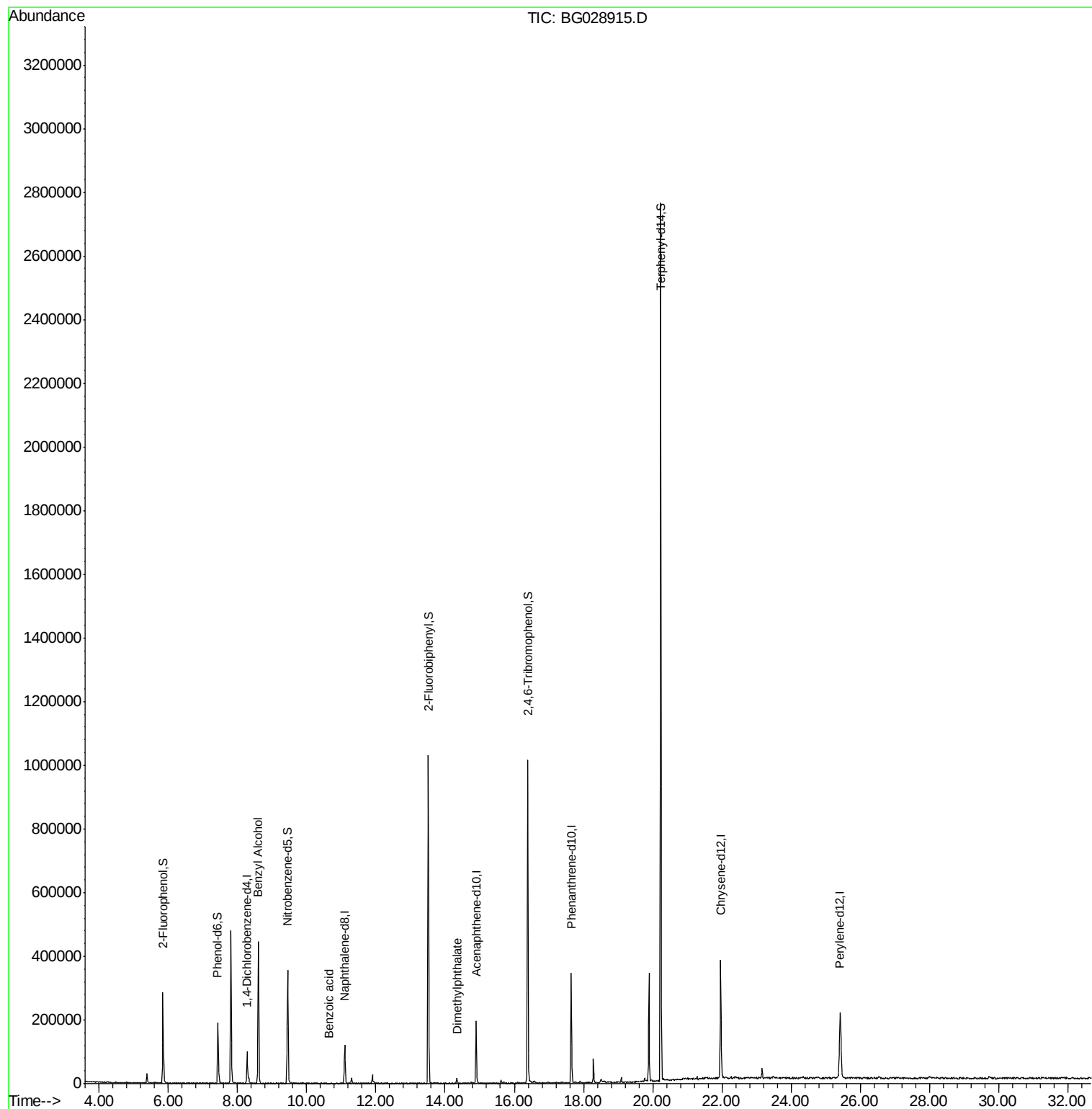
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	26605	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	102586	20.00	ng	-0.05
38) Acenaphthene-d10	14.89	164	73251	20.00	ng	-0.05
63) Phenanthrene-d10	17.64	188	222120	20.00	ng	-0.05
75) Chrysene-d12	21.96	240	270481	20.00	ng	-0.07
86) Perylene-d12	25.42	264	276780	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	125045	77.55	ng	-0.06
7) Phenol-d6	7.43	99	118302	48.73	ng	-0.06
23) Nitrobenzene-d5	9.45	82	230456	107.47	ng	-0.06
41) 2,4,6-Tribromophenol	16.39	330	219134	180.87	ng	-0.05
44) 2-Fluorobiphenyl	13.52	172	581547	105.86	ng	-0.04
78) Terphenyl-d14	20.24	244	1276604	100.65	ng	-0.04
Target Compounds						
15) Benzyl Alcohol	8.60	79	4198	2.22	ng	# 71
32) Benzoic acid	10.65	122	63	6.13	ng	# 1
49) Dimethylphthalate	14.34	163	12876	2.10	ng	# 89

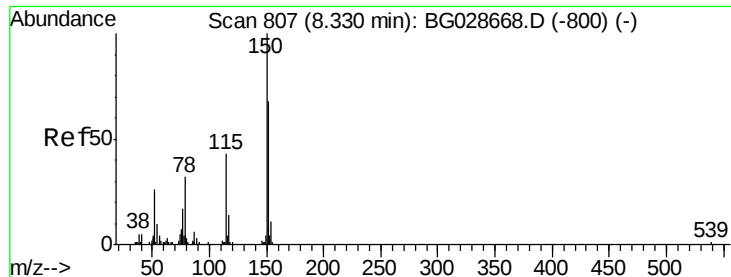
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.28 min Scan# 798

Delta R.T. -0.05 min

Lab File: BG028915.D

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Instrument :

BNA_G

ClientSampleId :

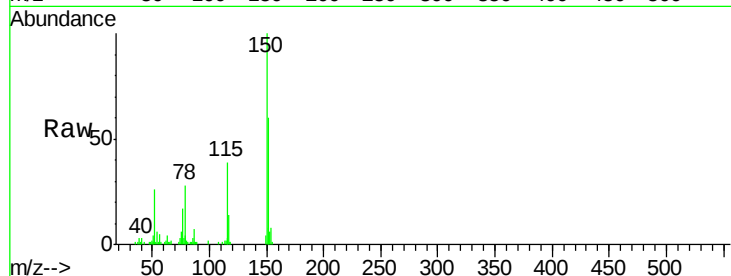
Tot Ion:152 Resp: 26605

Ion Ratio Lower Upper

152 100

150 166.3 114.0 171.0

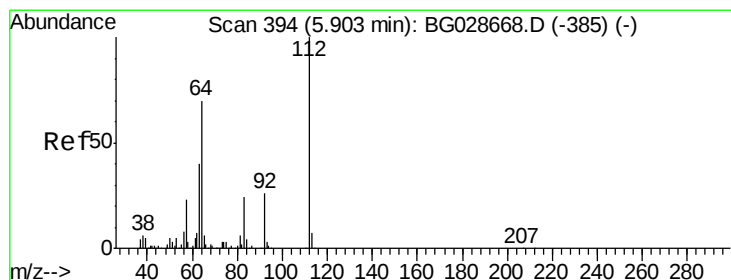
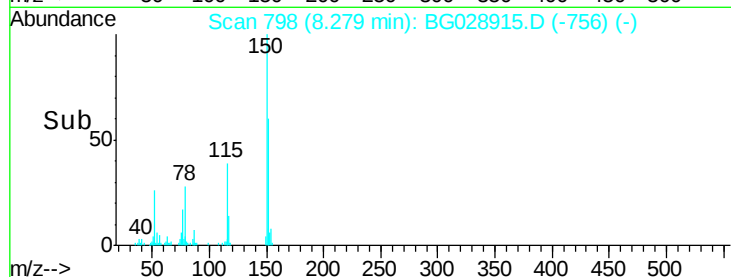
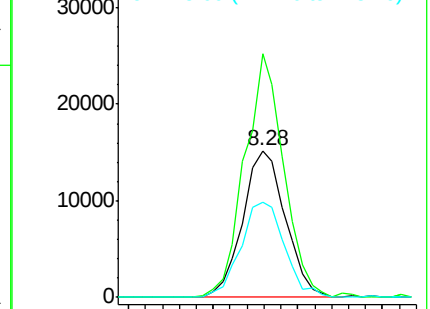
115 65.1 48.1 72.1



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: 77.55 ng

RT: 5.85 min Scan# 384

Delta R.T. -0.06 min

Lab File: BG028915.D

Acq: 25 Sep 2017 19:53

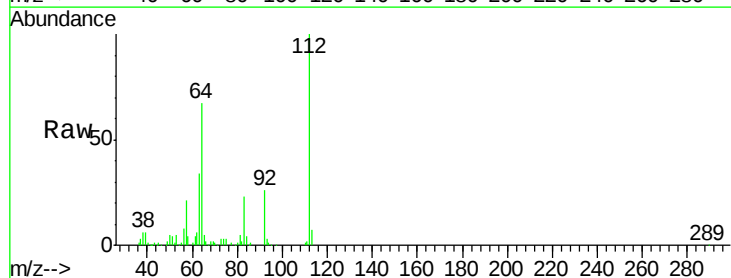
Tgt Ion:112 Resp: 125045

Ion Ratio Lower Upper

112 100

64 67.1 61.8 92.6

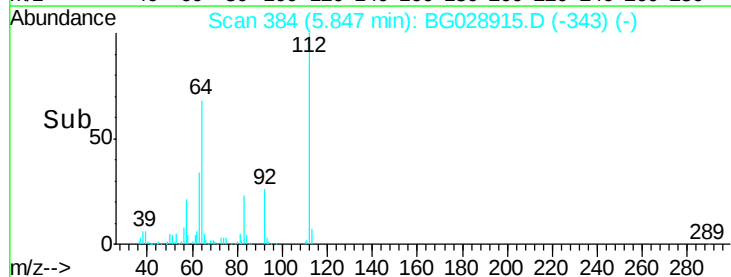
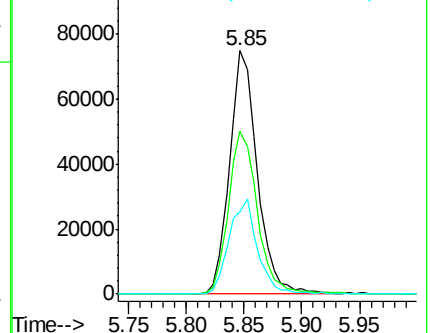
63 33.8 37.2 55.8#

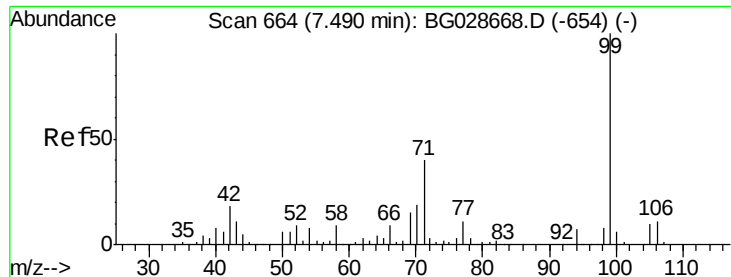


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 48.73 ng

RT: 7.43 min Scan# 654

Delta R.T. -0.06 min

Lab File: BG028915.D

Acq: 25 Sep 2017 19:53

Instrument :

BNA_G

ClientSampleId :

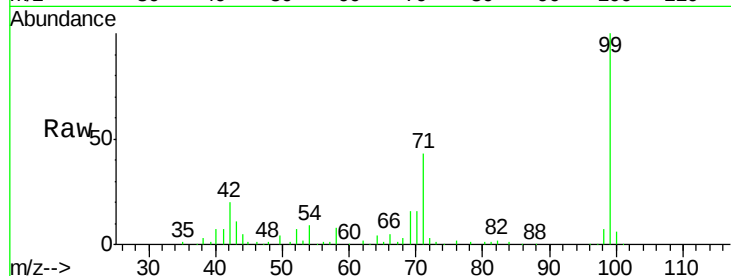
Tot Ion: 99 Resp: 118302

Ion Ratio Lower Upper

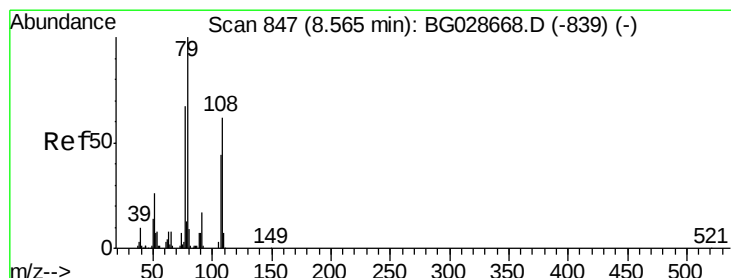
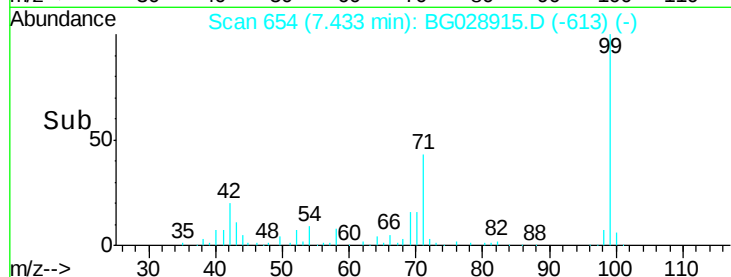
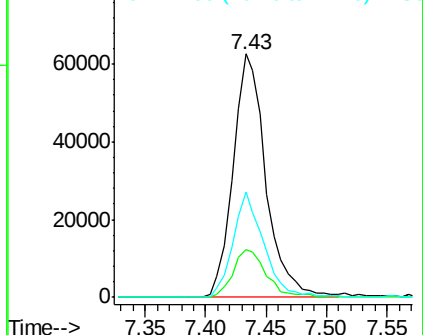
99 100

42 19.7 20.5 30.7#

71 43.1 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: 2.22 ng

RT: 8.60 min Scan# 852

Delta R.T. 0.03 min

Lab File: BG028915.D

Acq: 25 Sep 2017 19:53

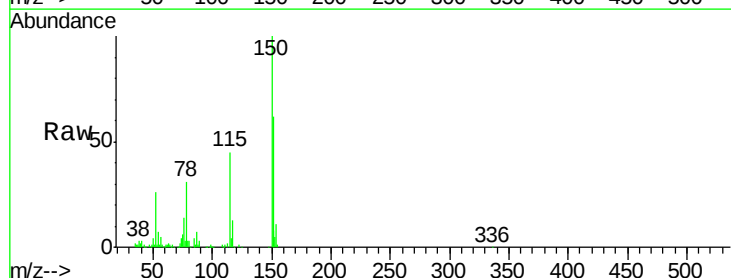
Tgt Ion: 79 Resp: 4198

Ion Ratio Lower Upper

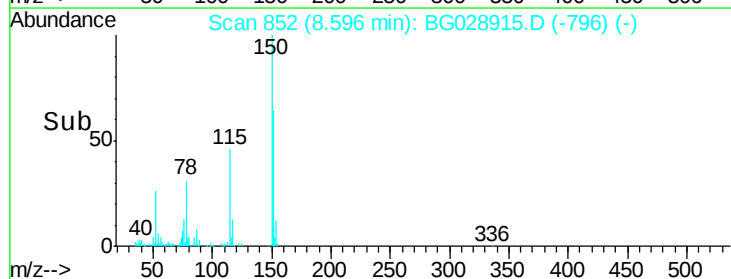
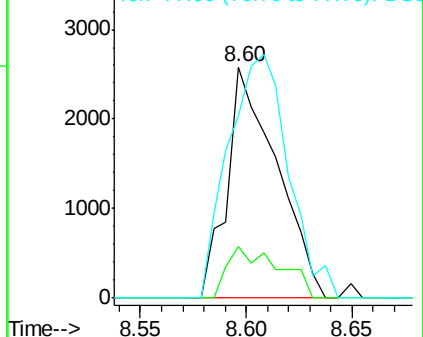
79 100

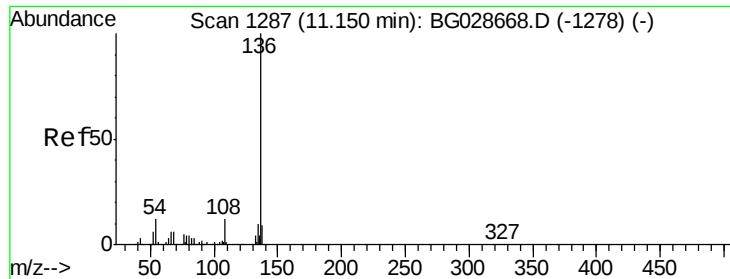
108 22.4 45.5 68.3#

77 79.0 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

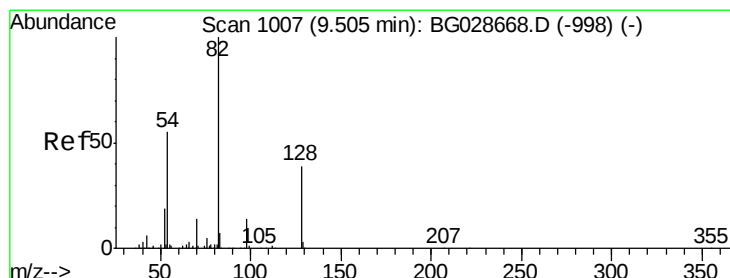
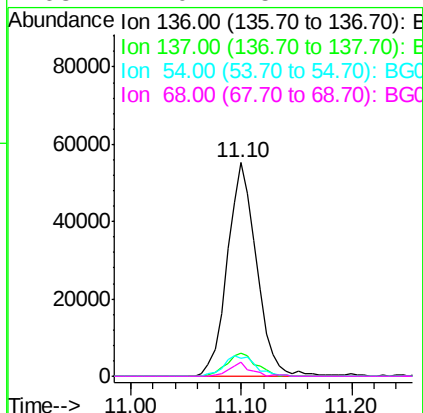
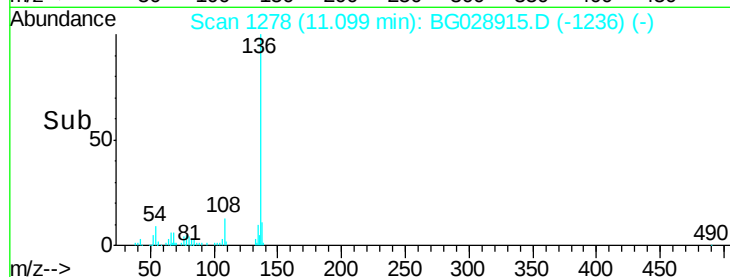
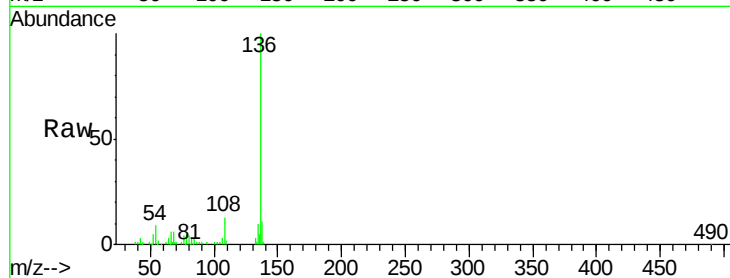




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1278
Delta R.T. -0.05 min
Lab File: BG028915.D
Acq: 25 Sep 2017 19:53

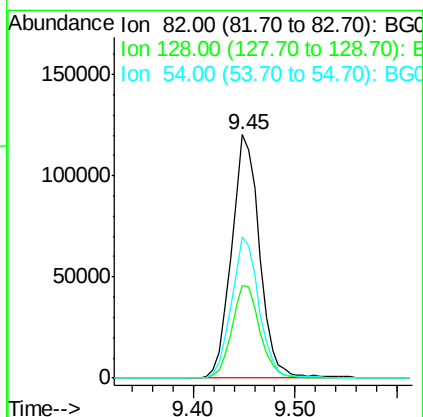
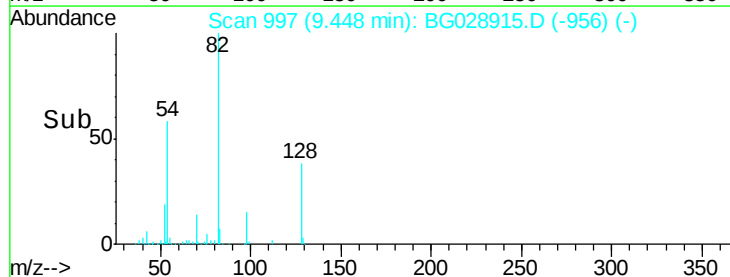
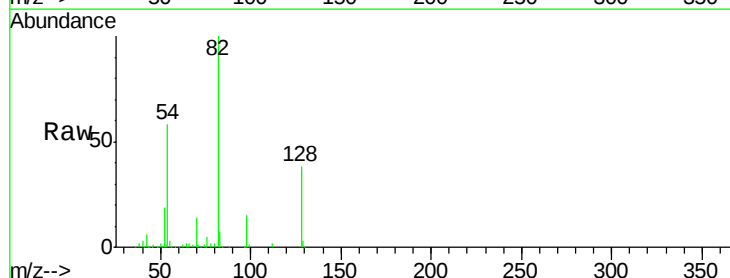
Instrument :
BNA_G
ClientSampleId :

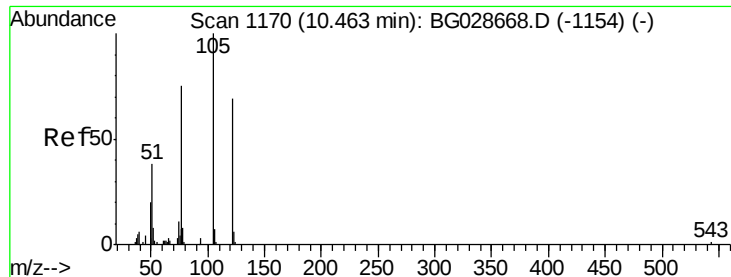
Tot Ion:136	Resp:	102586
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	8.6	9.3 13.9#
68	7.0	5.1 7.7



#23
Nitrobenzene-d5
Concen: 107.47 ng
RT: 9.45 min Scan# 997
Delta R.T. -0.06 min
Lab File: BG028915.D
Acq: 25 Sep 2017 19:53

Tgt Ion: 82	Resp:	230456
Ion Ratio	Lower	Upper
82	100	
128	37.8	26.4 39.6
54	58.2	49.4 74.2

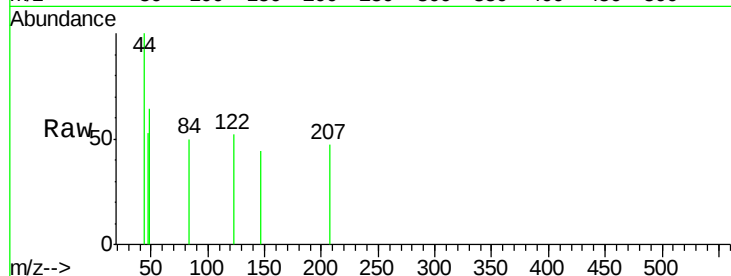




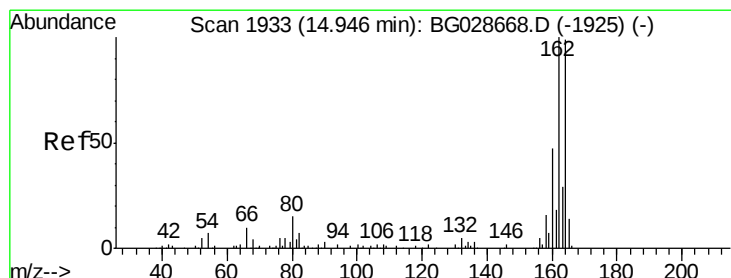
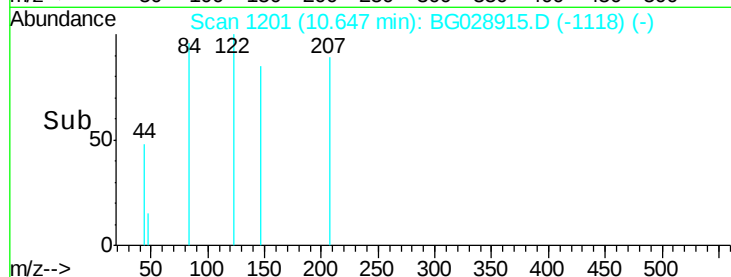
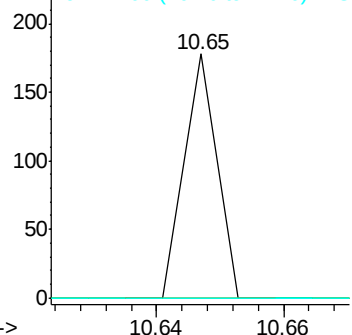
#32
Benzoic acid
Concen: 6.13 ng
RT: 10.65 min Scan# 1201
Delta R.T. 0.18 min
Lab File: BG028915.D
Acq: 25 Sep 2017 19:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 63
Ion Ratio Lower Upper
122 100
105 0.0 120.1 160.1#
77 0.0 104.6 144.6#

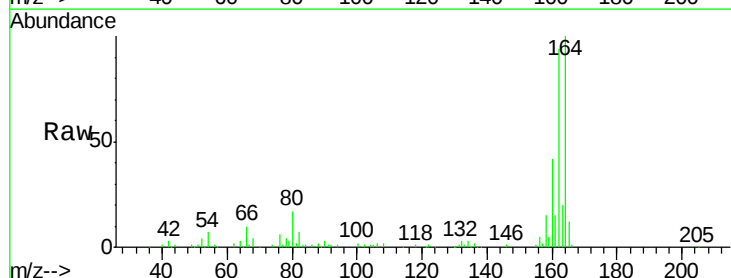


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): B

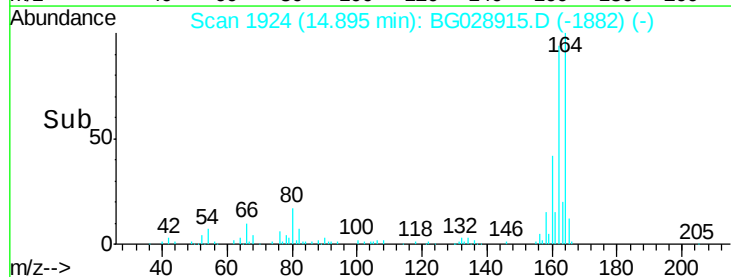
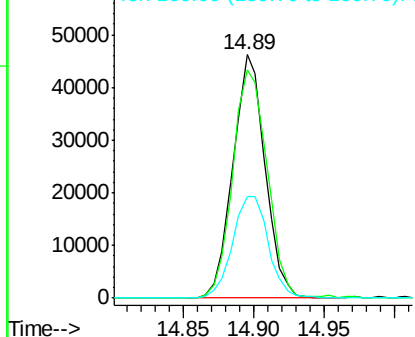


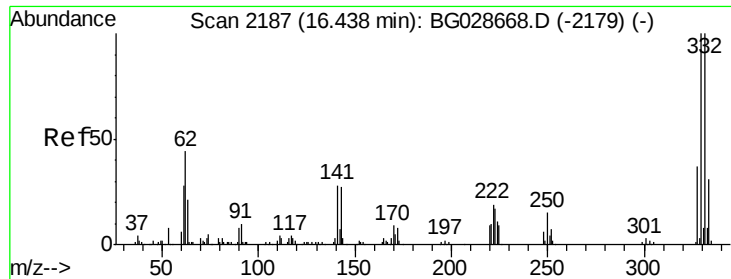
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.89 min Scan# 1924
Delta R.T. -0.05 min
Lab File: BG028915.D
Acq: 25 Sep 2017 19:53

Tgt Ion:164 Resp: 73251
Ion Ratio Lower Upper
164 100
162 93.5 85.1 127.7
160 41.6 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

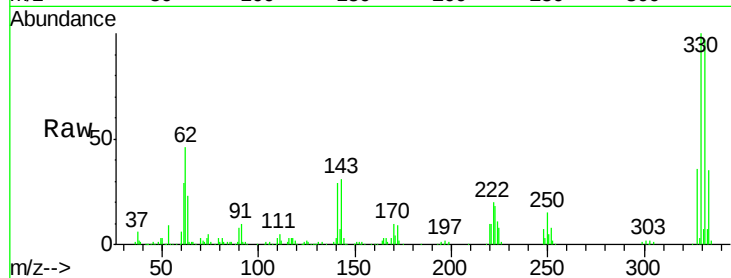




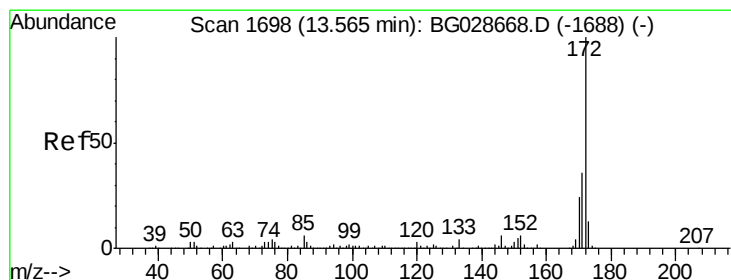
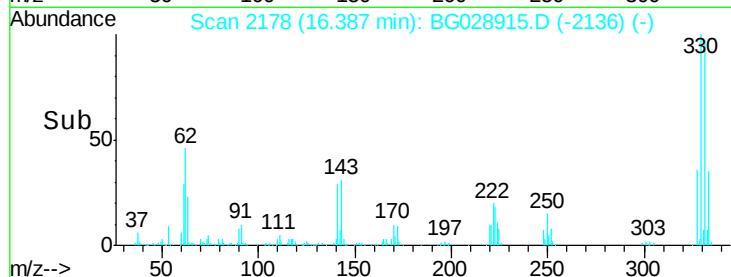
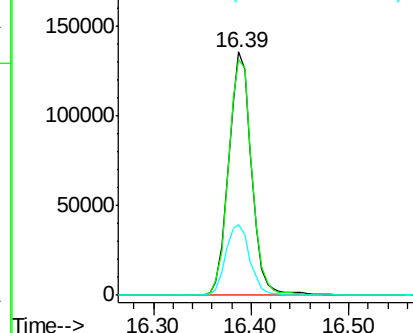
#41
 2,4,6-Tribromophenol
 Concen: 180.87 ng
 RT: 16.39 min Scan# 2178
 Delta R.T. -0.05 min
 Lab File: BG028915.D
 Acq: 25 Sep 2017 19:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.9	77.3	115.9
141	30.5	32.1	48.1#

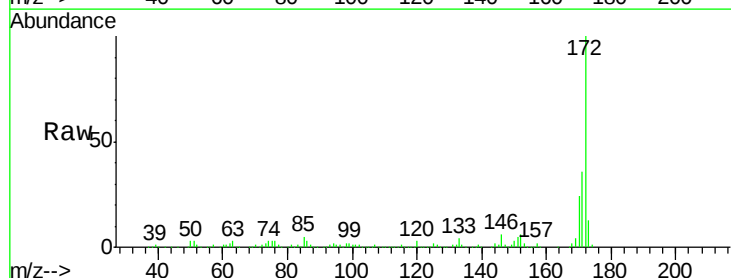


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

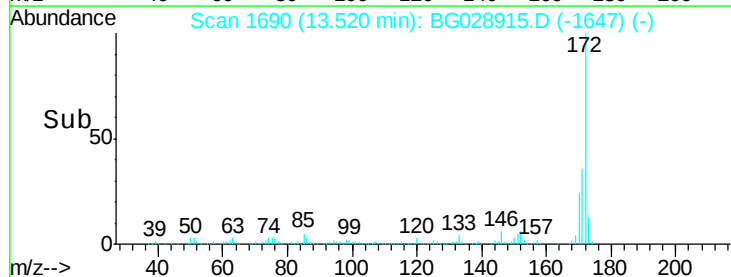
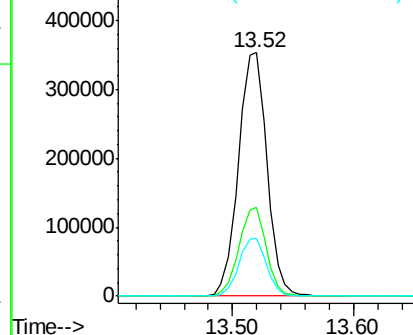


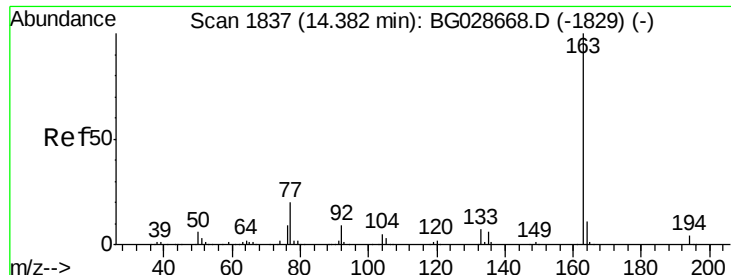
#44
 2-Fluorobiphenyl
 Concen: 105.86 ng
 RT: 13.52 min Scan# 1690
 Delta R.T. -0.04 min
 Lab File: BG028915.D
 Acq: 25 Sep 2017 19:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	32.2	48.2
170	24.0	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





#49

Dimethylphthalate

Concen: 2.10 ng

RT: 14.34 min Scan# 1830

Delta R.T. -0.04 min

Lab File: BG028915.D

Acq: 25 Sep 2017 19:53

Instrument :

BNA_G

ClientSampleId :

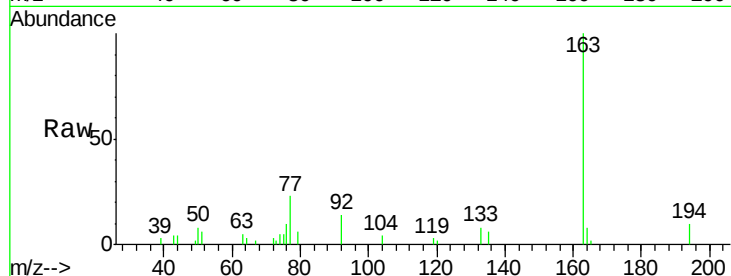
Tot Ion:163 Resp: 12876

Ion Ratio Lower Upper

163 100

194 10.0 3.8 5.6#

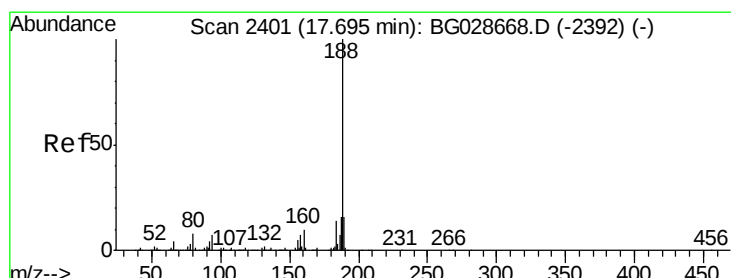
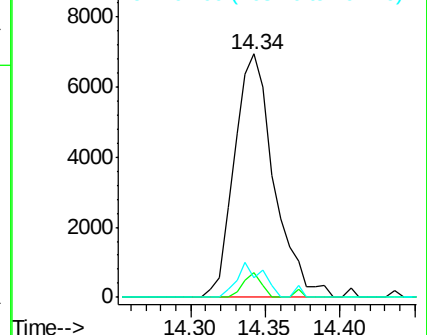
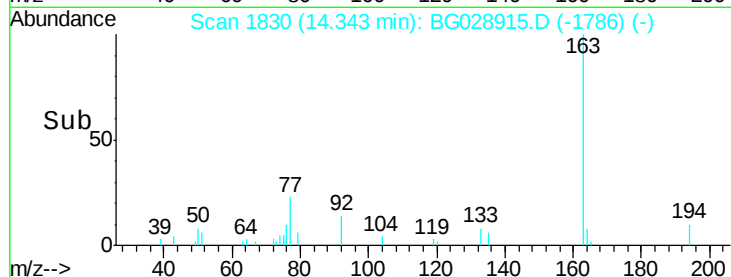
164 8.1 9.3 13.9#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.64 min Scan# 2392

Delta R.T. -0.05 min

Lab File: BG028915.D

Acq: 25 Sep 2017 19:53

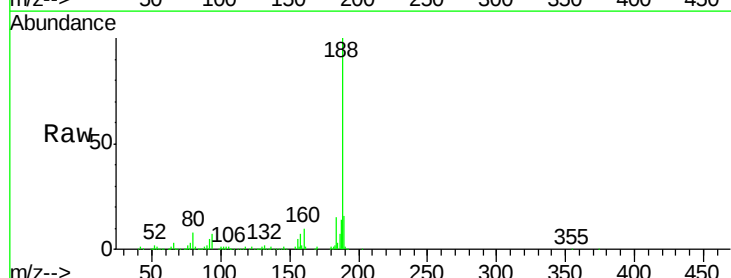
Tgt Ion:188 Resp: 222120

Ion Ratio Lower Upper

188 100

94 6.8 5.8 8.8

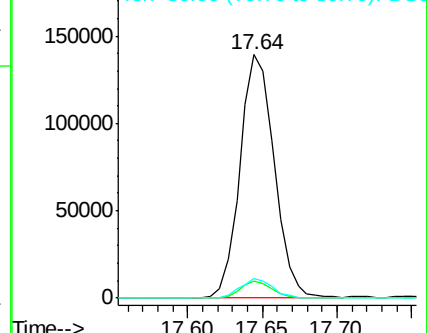
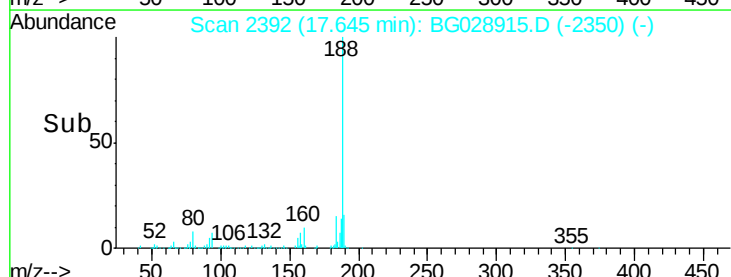
80 8.2 7.5 11.3

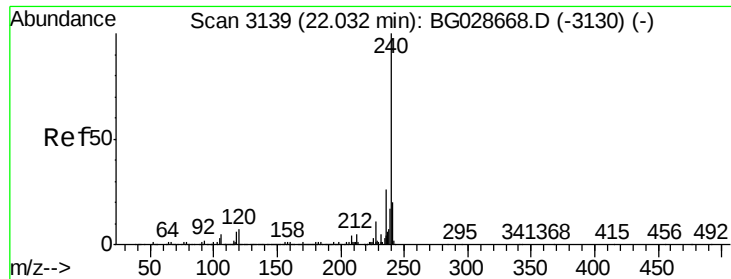


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.96 min Scan# 3127

Delta R.T. -0.07 min

Lab File: BG028915.D

Acq: 25 Sep 2017 19:53

Instrument :

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ClientSampleId :

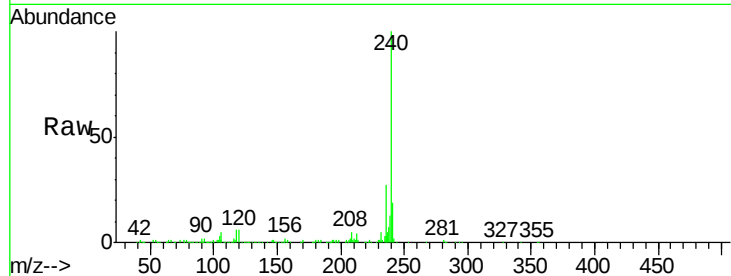
Tot Ion:240 Resp: 270481

Ion Ratio Lower Upper

240 100

120 5.9 5.7 8.5

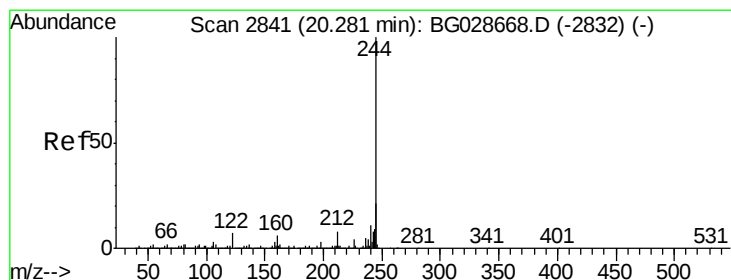
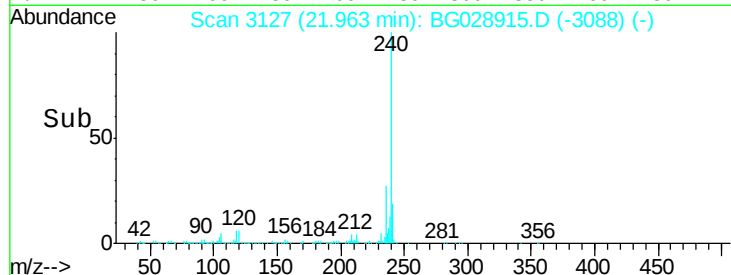
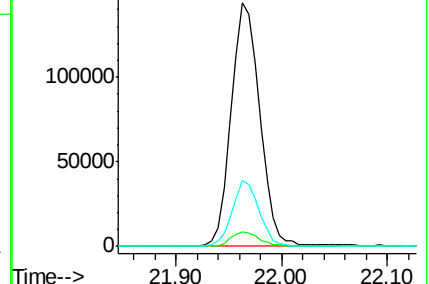
236 26.8 22.2 33.4



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: 100.65 ng

RT: 20.24 min Scan# 2833

Delta R.T. -0.04 min

Lab File: BG028915.D

Acq: 25 Sep 2017 19:53

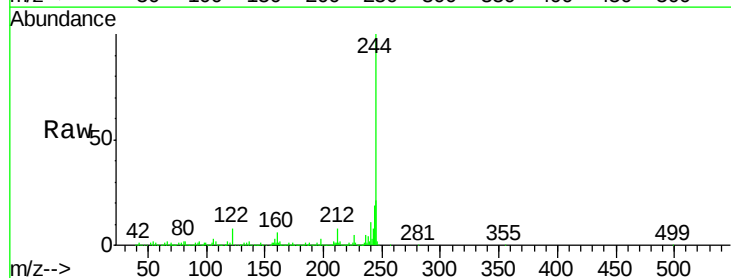
Tgt Ion:244 Resp: 1276604

Ion Ratio Lower Upper

244 100

212 7.7 10.0 15.0#

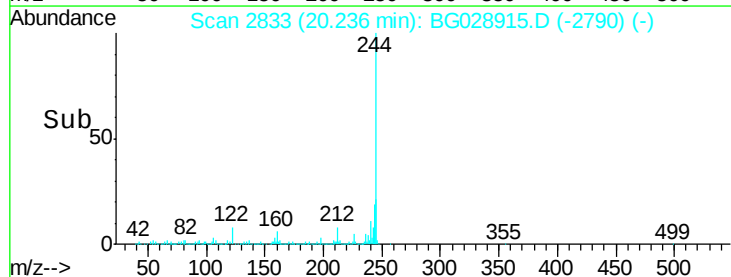
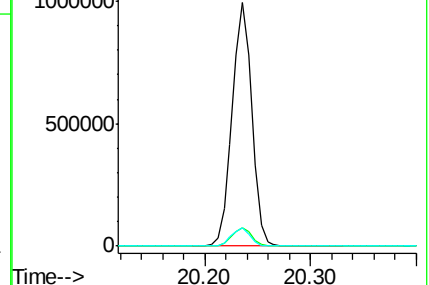
122 7.5 8.6 12.8#

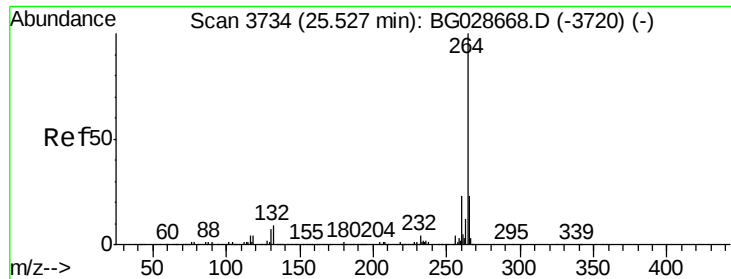


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.42 min Scan# 3716
 Delta R.T. -0.10 min
 Lab File: BG028915.D
 Acq: 25 Sep 2017 19:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	21.8	32.8
265	22.7	18.2	27.4

