

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092517\
 Data File : BG028936.D
 Acq On : 26 Sep 2017 9:51
 Operator : SJ/JU
 Sample : I5385-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 26 12:02:01 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

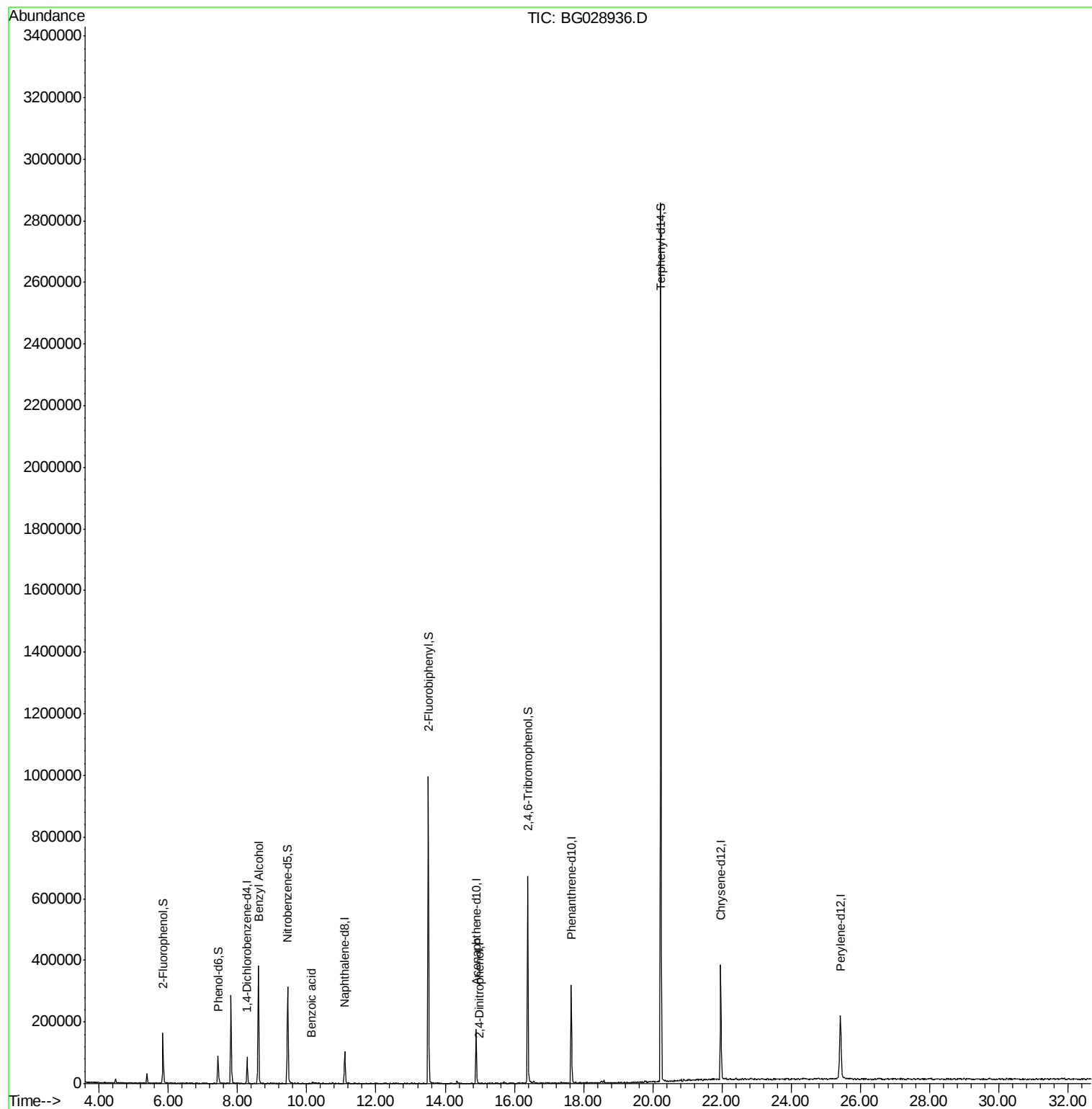
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	23385	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	92698	20.00	ng	-0.05
38) Acenaphthene-d10	14.89	164	68433	20.00	ng	-0.05
63) Phenanthrene-d10	17.64	188	222442	20.00	ng	-0.05
75) Chrysene-d12	21.96	240	265046	20.00	ng	-0.07
86) Perylene-d12	25.42	264	274527	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	69996	49.39	ng	-0.06
7) Phenol-d6	7.43	99	59114	27.70	ng	-0.06
23) Nitrobenzene-d5	9.45	82	213678	110.27	ng	-0.06
41) 2,4,6-Tribromophenol	16.38	330	146752	129.66	ng	-0.05
44) 2-Fluorobiphenyl	13.51	172	567174	110.51	ng	-0.05
78) Terphenyl-d14	20.23	244	1314884	105.80	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	8.61	79	3543	2.127	ng	# 56
32) Benzoic acid	10.14	122	54	6.126	ng	# 1
53) 2,4-Dinitrophenol	14.99	184	54	8.074	ng	# 15

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.28 min Scan# 798

Delta R.T. -0.05 min

Lab File: BG028936.D

Acq: 26 Sep 2017 9:51

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BNA_G

ClientSampleId :

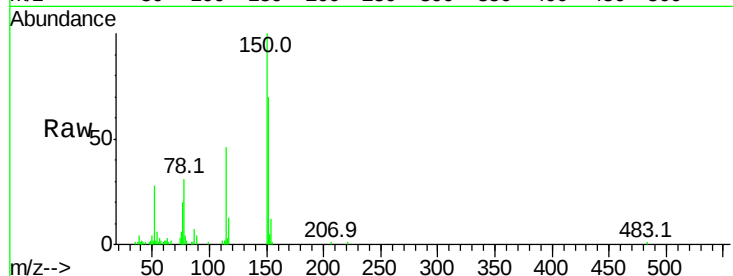
Tot Ion:152 Resp: 23385

Ion Ratio Lower Upper

152 100

150 143.4 114.0 171.0

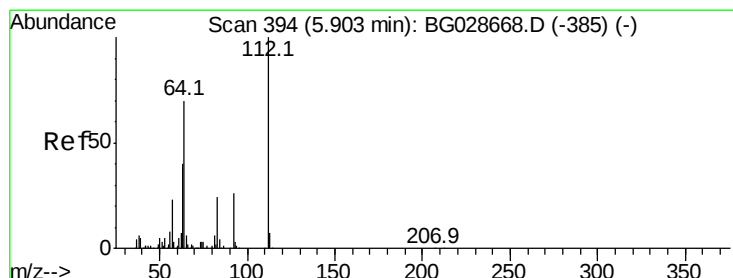
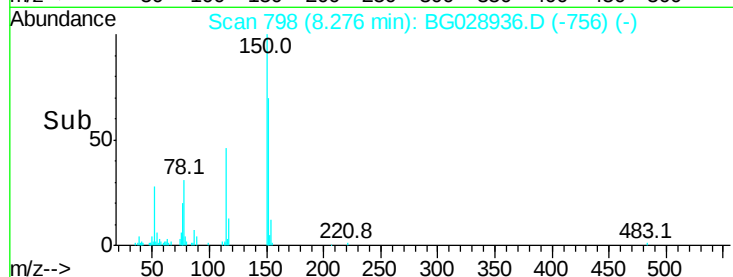
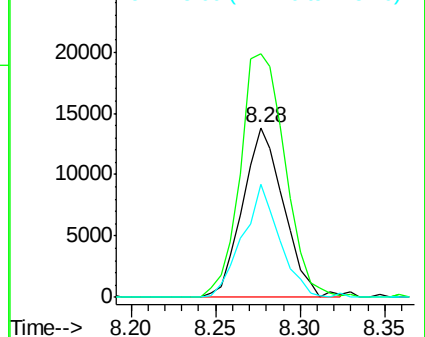
115 66.6 48.1 72.1



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: 49.389 ng

RT: 5.84 min Scan# 384

Delta R.T. -0.06 min

Lab File: BG028936.D

Acq: 26 Sep 2017 9:51

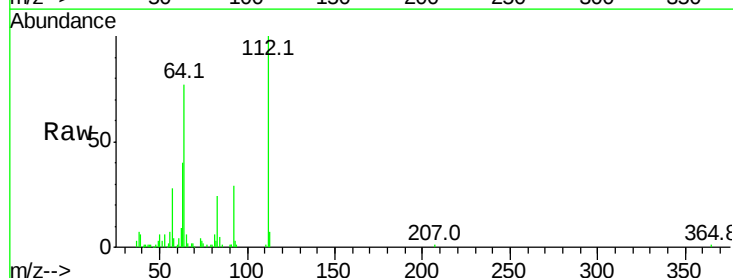
Tgt Ion:112 Resp: 69996

Ion Ratio Lower Upper

112 100

64 77.2 61.8 92.6

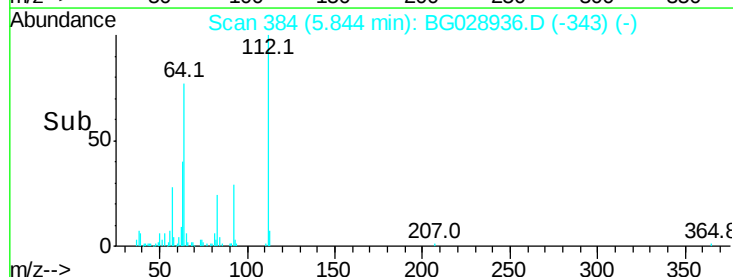
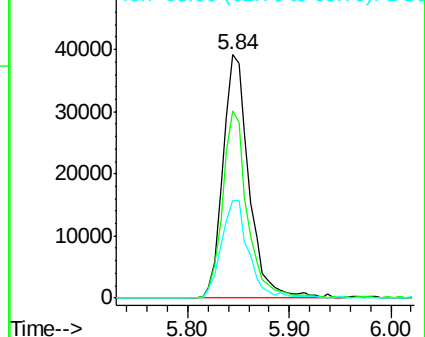
63 39.9 37.2 55.8



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: 27.703 ng

RT: 7.43 min Scan# 654

Delta R.T. -0.06 min

Lab File: BG028936.D

Acq: 26 Sep 2017 9:51

Instrument :

BNA_G

ClientSampleId :

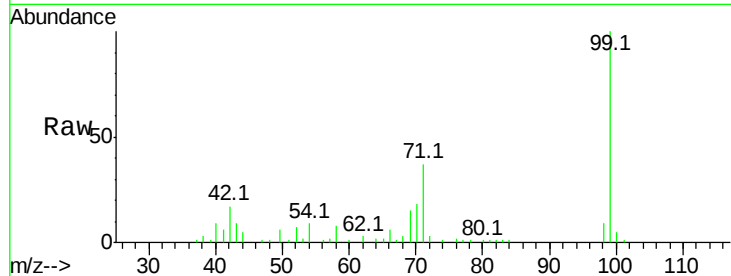
Tot Ion: 99 Resp: 59114

Ion Ratio Lower Upper

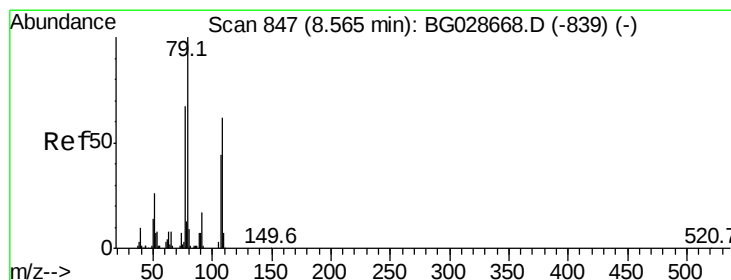
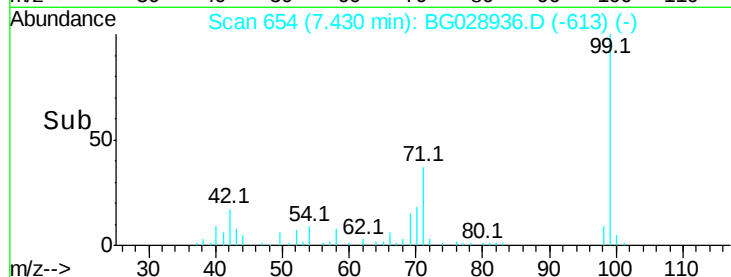
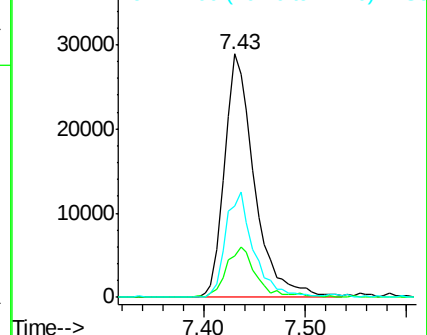
99 100

42 17.0 20.5 30.7#

71 37.4 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: 2.127 ng

RT: 8.61 min Scan# 854

Delta R.T. 0.04 min

Lab File: BG028936.D

Acq: 26 Sep 2017 9:51

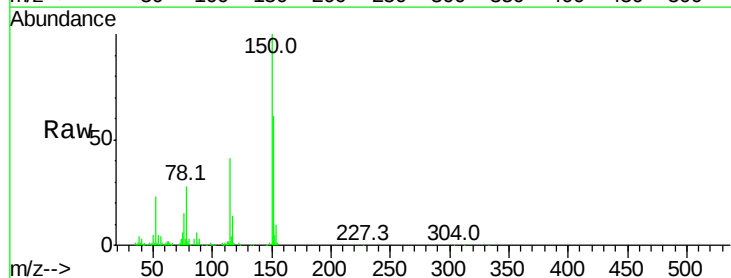
Tgt Ion: 79 Resp: 3543

Ion Ratio Lower Upper

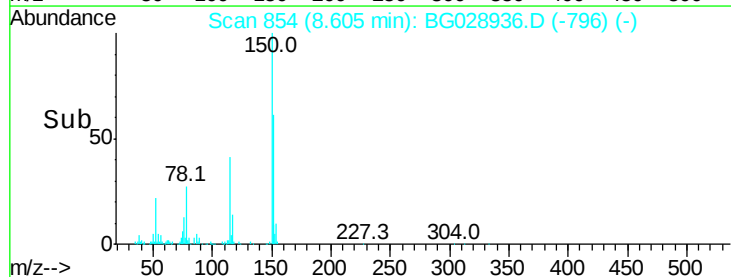
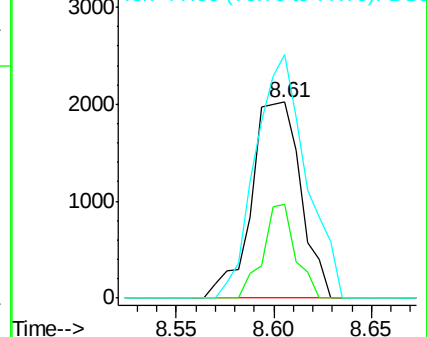
79 100

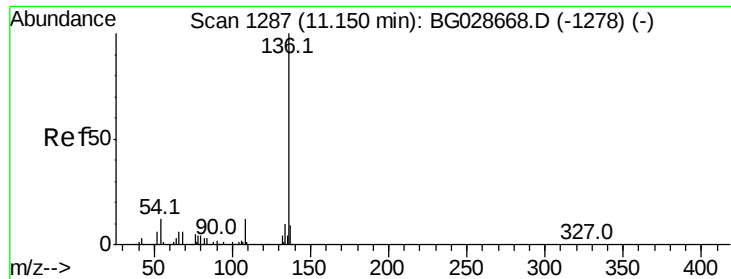
108 47.9 45.5 68.3

77 124.4 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

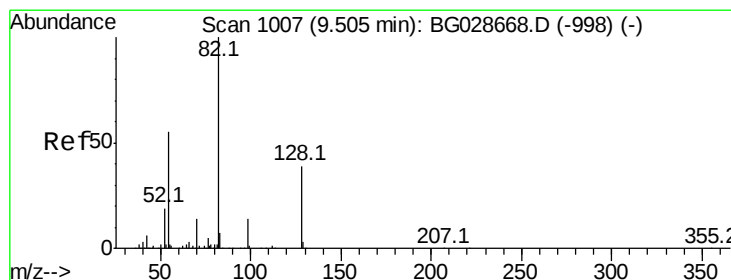
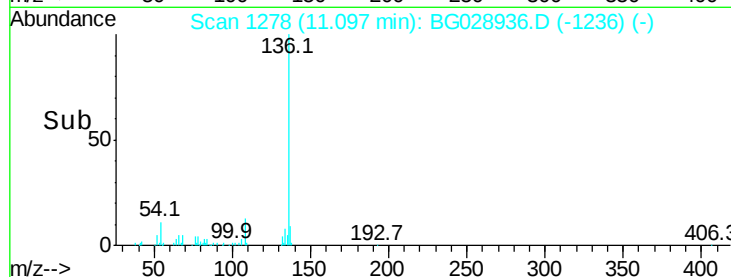
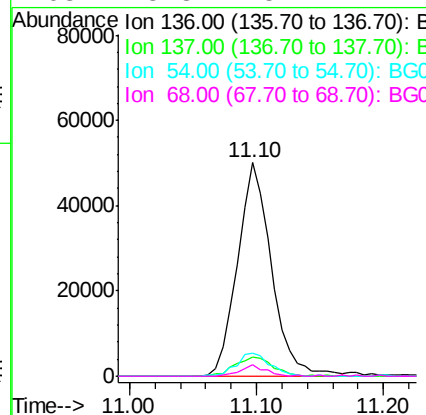
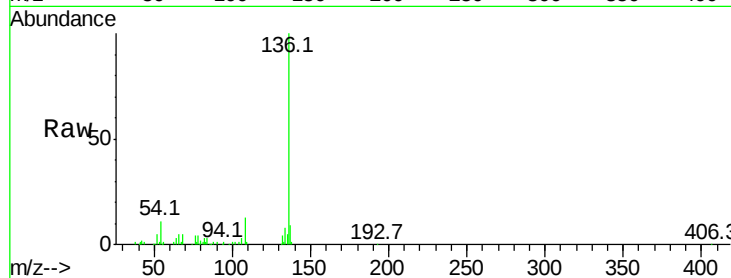




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.10 min Scan# 1278
Delta R.T. -0.05 min
Lab File: BG028936.D
Acq: 26 Sep 2017 9:51

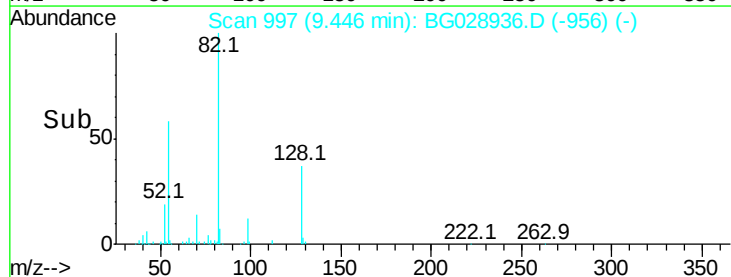
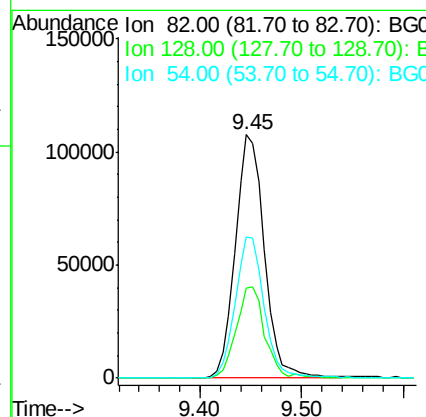
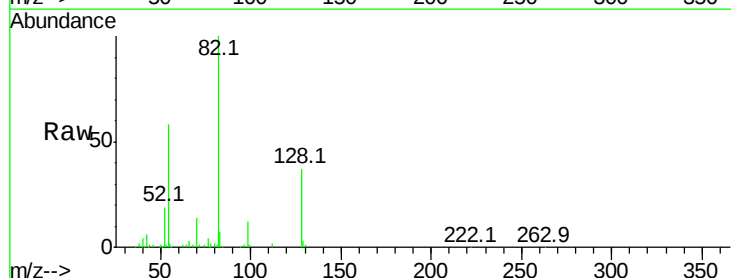
Instrument :
BNA_G
ClientSampleId :

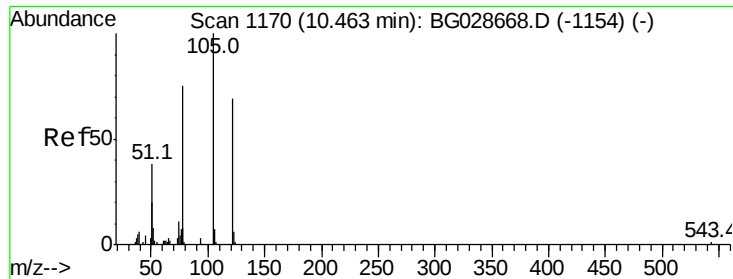
Tot Ion:	136	Resp:	92698
Ion	Ratio	Lower	Upper
136	100		
137	9.3	8.9	13.3
54	10.9	9.3	13.9
68	5.3	5.1	7.7



#23
Nitrobenzene-d5
Concen: 110.270 ng
RT: 9.45 min Scan# 997
Delta R.T. -0.06 min
Lab File: BG028936.D
Acq: 26 Sep 2017 9:51

Tgt Ion:	82	Resp:	213678
Ion	Ratio	Lower	Upper
82	100		
128	36.7	26.4	39.6
54	57.8	49.4	74.2





#32

Benzoic acid

Concen: 6.126 ng

RT: 10.14 min Scan# 1115

Delta R.T. -0.32 min

Lab File: BG028936.D

Acq: 26 Sep 2017 9:51

Instrument :

BNA_G

ClientSampleId :

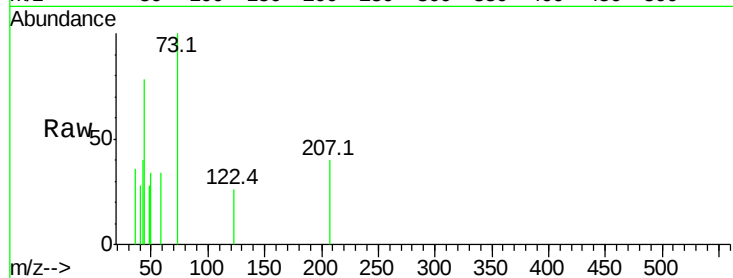
Tot Ion:122 Resp: 54

Ion Ratio Lower Upper

122 100

105 0.0 120.1 160.1#

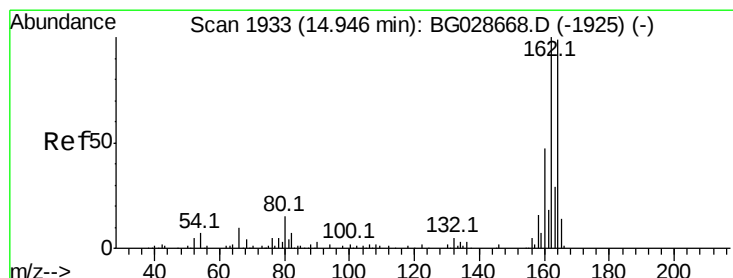
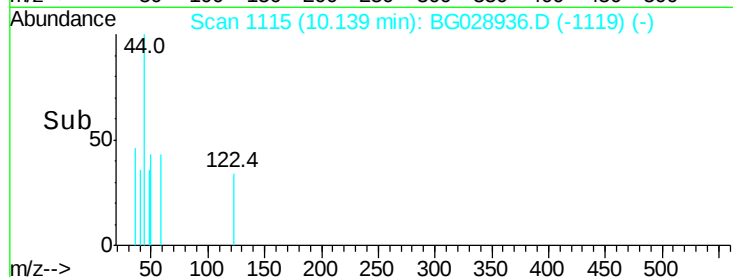
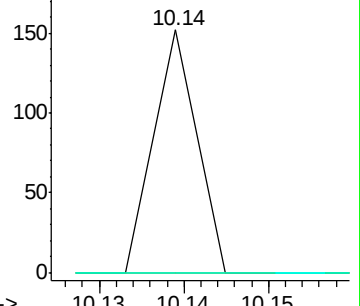
77 0.0 104.6 144.6#



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: 20.000 ng

RT: 14.89 min Scan# 1924

Delta R.T. -0.05 min

Lab File: BG028936.D

Acq: 26 Sep 2017 9:51

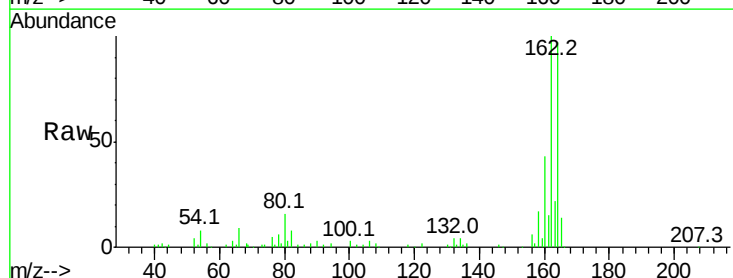
Tgt Ion:164 Resp: 68433

Ion Ratio Lower Upper

164 100

162 103.3 85.1 127.7

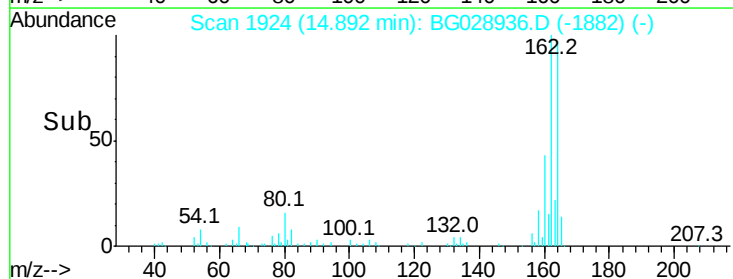
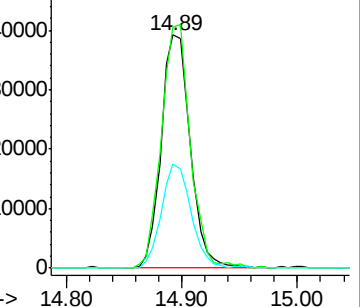
160 44.7 34.7 52.1

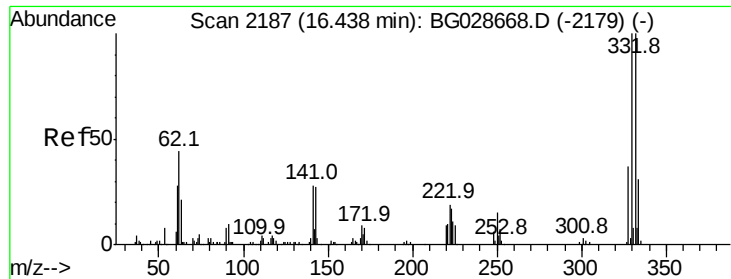


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

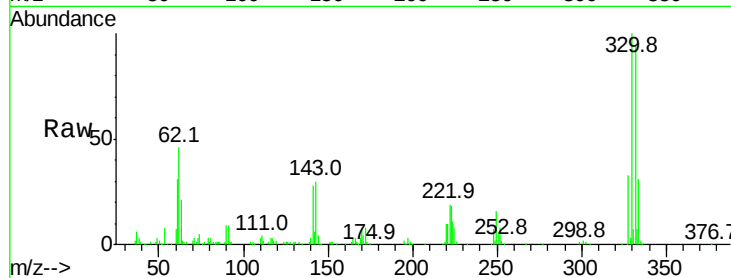




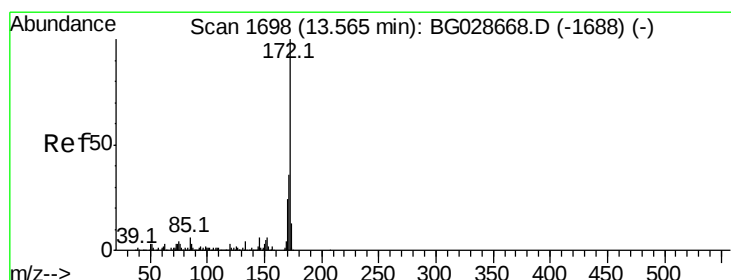
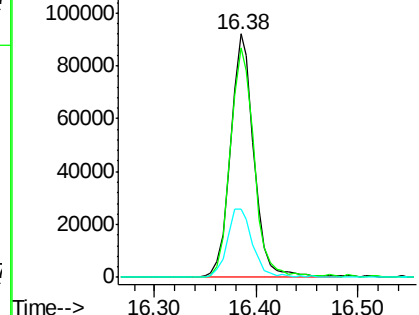
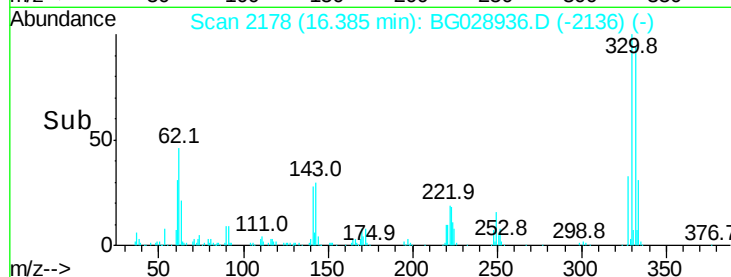
#41
 2,4,6-Tribromophenol
 Concen: 129.658 ng
 RT: 16.38 min Scan# 2178
 Delta R.T. -0.05 min
 Lab File: BG028936.D
 Acq: 26 Sep 2017 9:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 146752
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.3 115.9
 141 30.4 32.1 48.1#

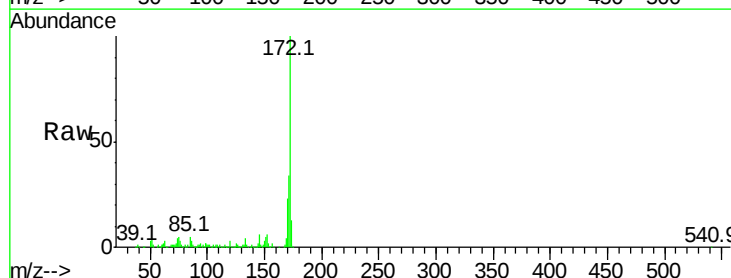


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

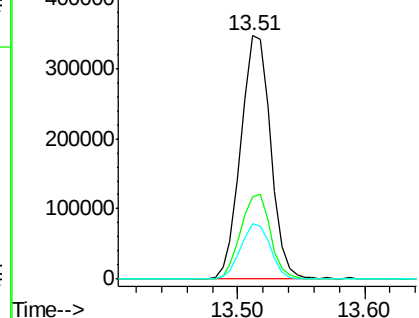
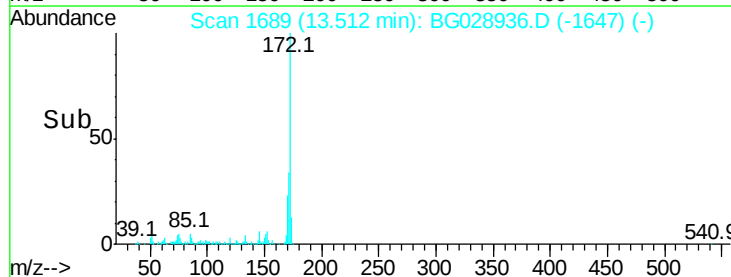


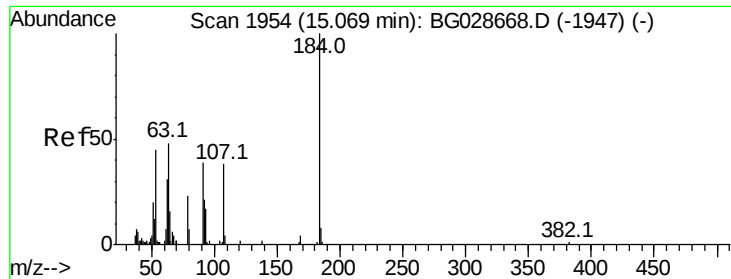
#44
 2-Fluorobiphenyl
 Concen: 110.514 ng
 RT: 13.51 min Scan# 1689
 Delta R.T. -0.05 min
 Lab File: BG028936.D
 Acq: 26 Sep 2017 9:51

Tgt Ion:172 Resp: 567174
 Ion Ratio Lower Upper
 172 100
 171 34.0 32.2 48.2
 170 22.5 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

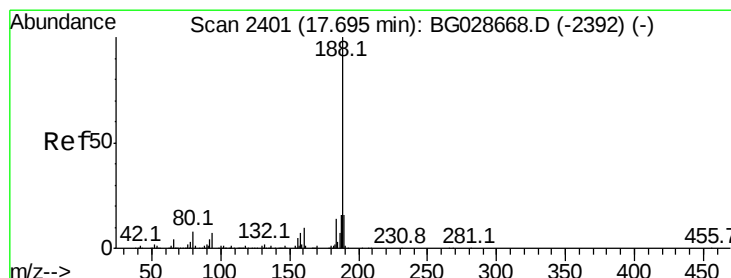
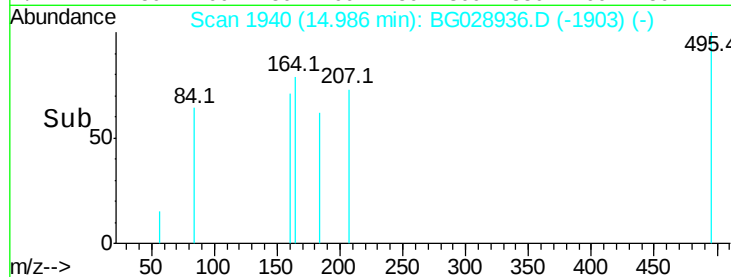
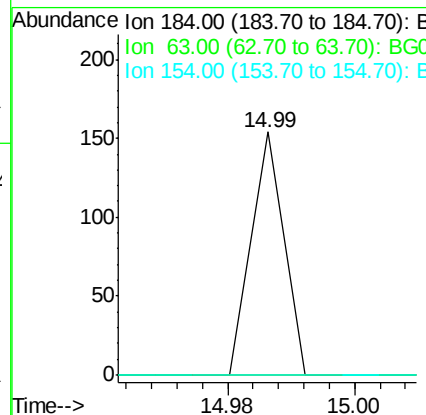
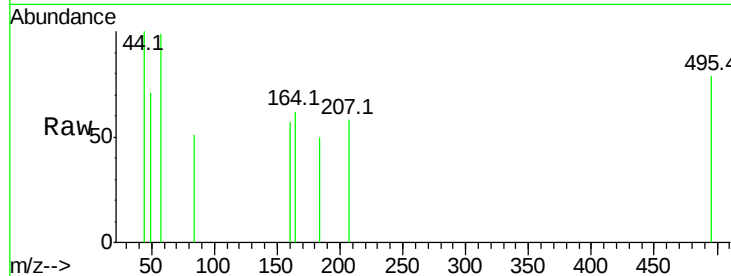




#53
 2,4-Dinitrophenol
 Concen: 8.074 ng
 RT: 14.99 min Scan# 1940
 Delta R.T. -0.08 min
 Lab File: BG028936.D
 Acq: 26 Sep 2017 9:51

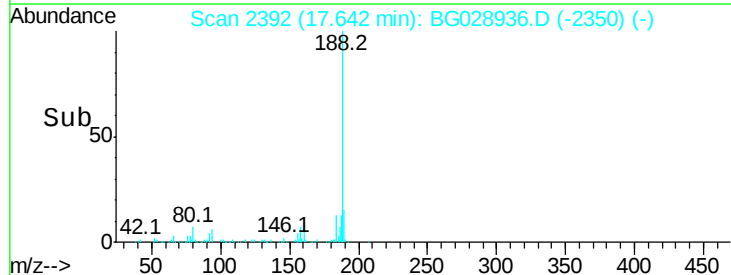
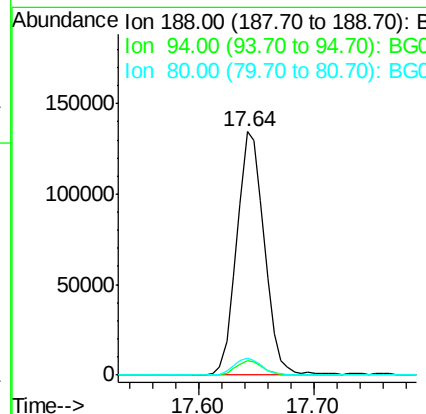
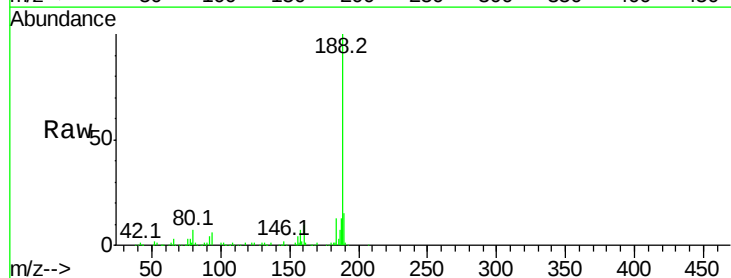
Instrument :
 BNA_G
 ClientSampleId :

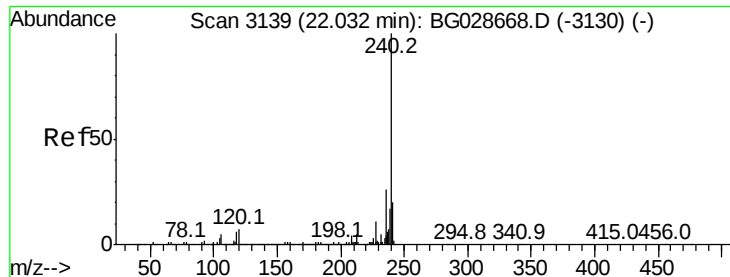
Tot Ion:184 Resp: 54
 Ion Ratio Lower Upper
 184 100
 63 0.0 52.7 79.1#
 154 0.0 57.3 85.9#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.64 min Scan# 2392
 Delta R.T. -0.05 min
 Lab File: BG028936.D
 Acq: 26 Sep 2017 9:51

Tgt Ion:188 Resp: 222442
 Ion Ratio Lower Upper
 188 100
 94 6.1 5.8 8.8
 80 7.0 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: BG028936.D

Acq: 26 Sep 2017 9:51

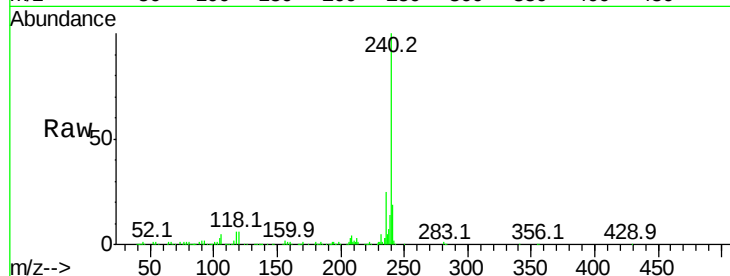
Instrument :

BNA_G

ClientSampleId :

Tot Ion:240 Resp: 265046

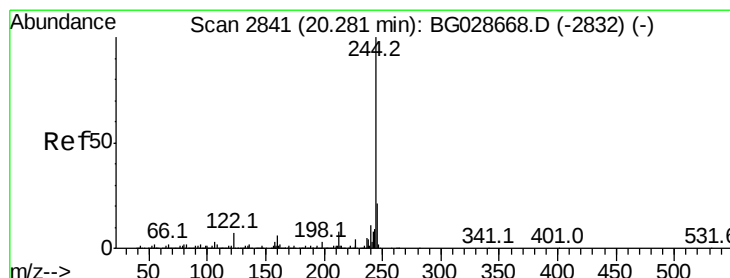
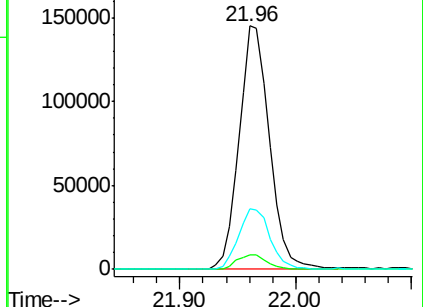
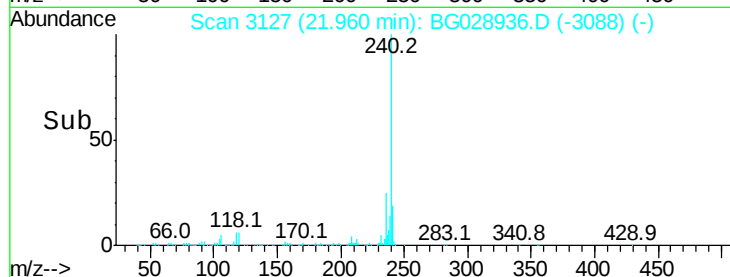
Ion	Ratio	Lower	Upper
240	100		
120	6.0	5.7	8.5
236	25.0	22.2	33.4



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: 105.796 ng

RT: 20.23 min Scan# 2833

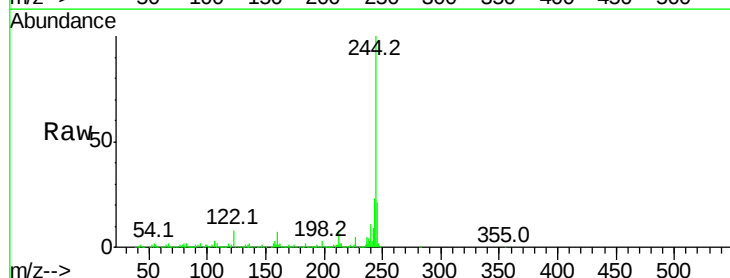
Delta R.T. -0.05 min

Lab File: BG028936.D

Acq: 26 Sep 2017 9:51

Tgt Ion:244 Resp: 1314884

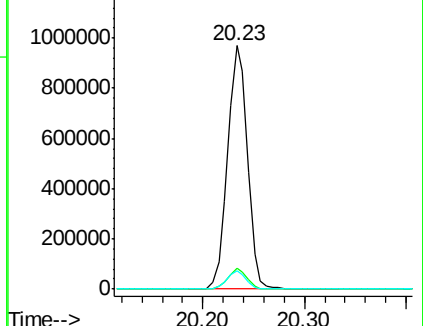
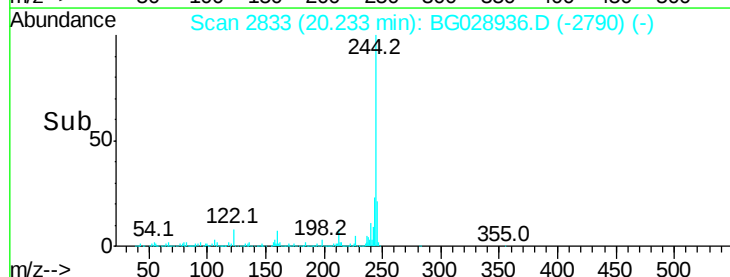
Ion	Ratio	Lower	Upper
244	100		
212	8.5	10.0	15.0#
122	7.5	8.6	12.8#

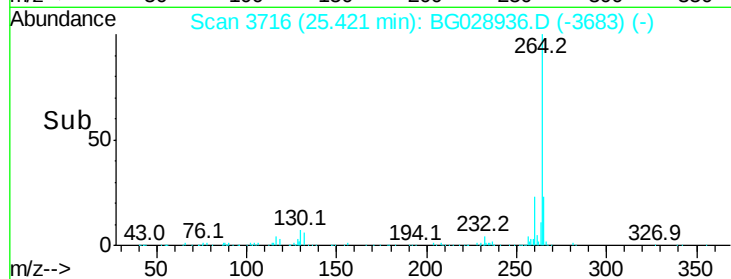
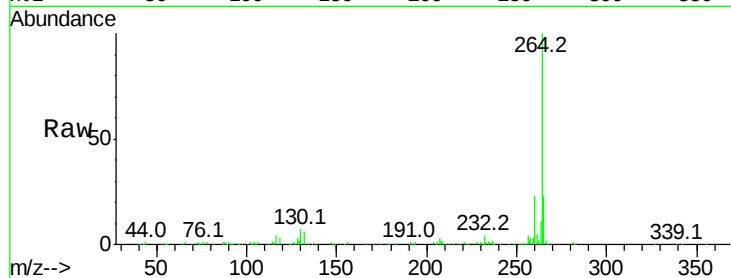
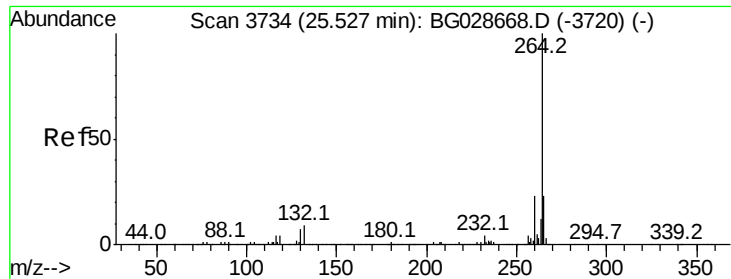


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.42 min Scan# 3716
 Delta R.T. -0.11 min
 Lab File: BG028936.D
 Acq: 26 Sep 2017 9:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	21.8	32.8
265	23.0	18.2	27.4

