

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091317\
 Data File : BG028700.D
 Acq On : 13 Sep 2017 16:07
 Operator : SJ/JU
 Sample : I5123-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 14 05:37:12 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

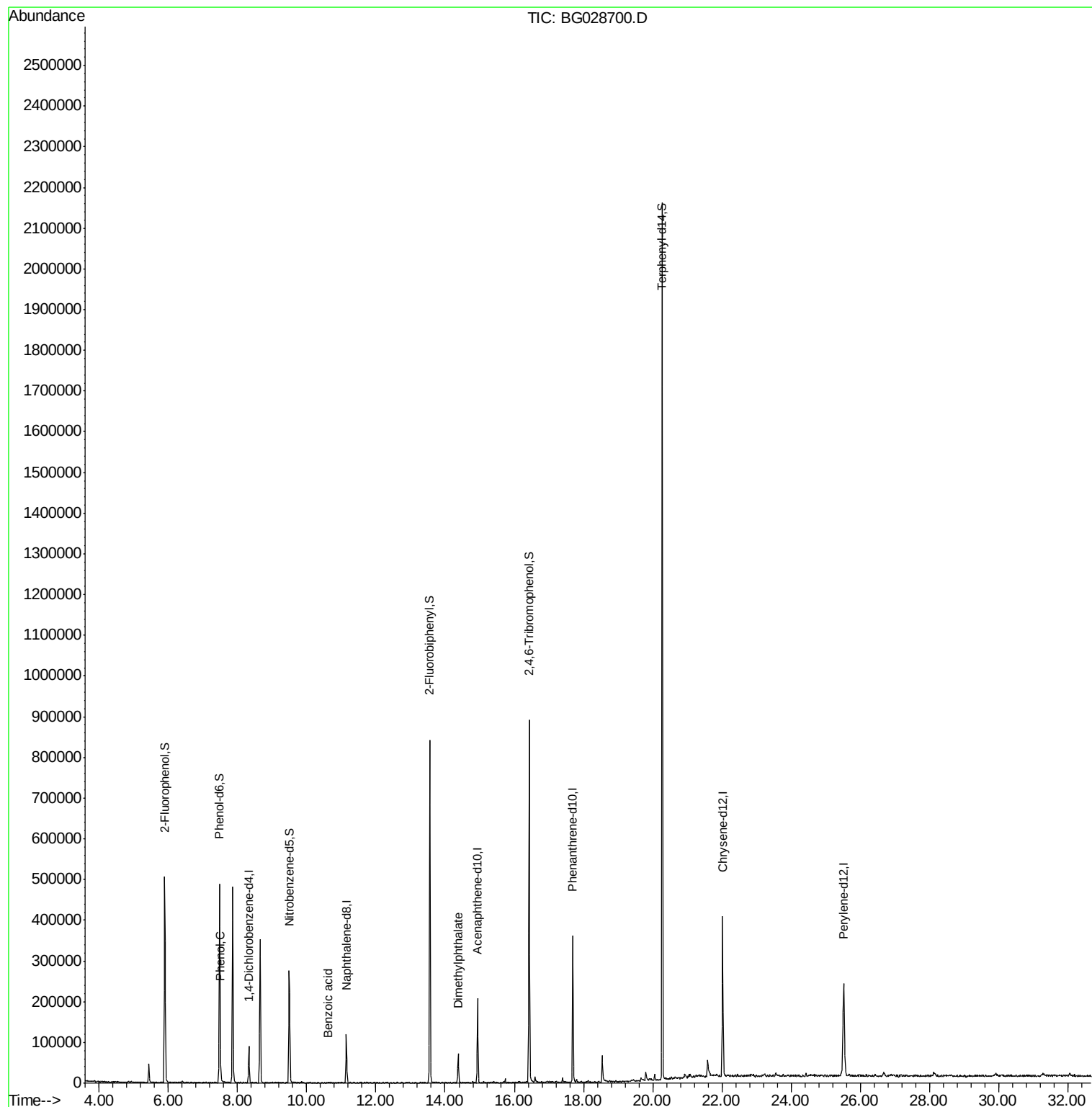
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	26004	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	101253	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	74910	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	236465	20.00	ng	0.00
75) Chrysene-d12	22.02	240	277213	20.00	ng	-0.01
86) Perylene-d12	25.52	264	286303	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	215801	136.93	ng	0.00
7) Phenol-d6	7.48	99	296836	125.10	ng	0.00
23) Nitrobenzene-d5	9.50	82	186285	88.01	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	195082	157.46	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	466110	82.97	ng	0.00
78) Terphenyl-d14	20.28	244	986513	75.89	ng	0.00
Target Compounds						
10) Phenol	7.51	94	10725	4.283	ng	87
32) Benzoic acid	10.61	122	60	6.126	ng	# 1
49) Dimethylphthalate	14.38	163	53580	8.530	ng	# 97

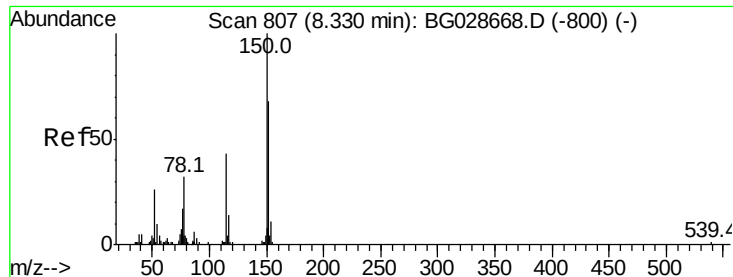
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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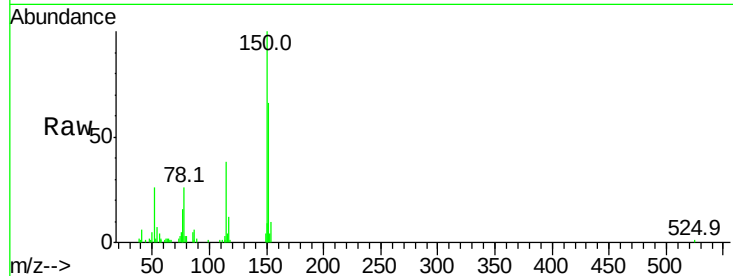


#1

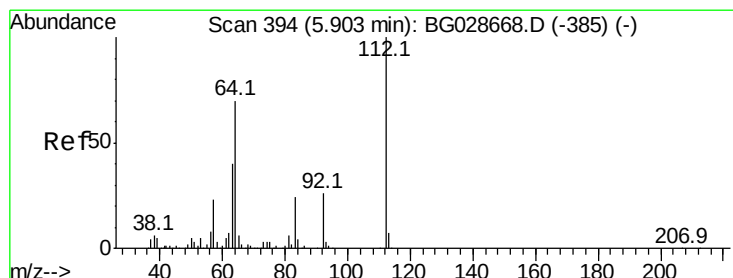
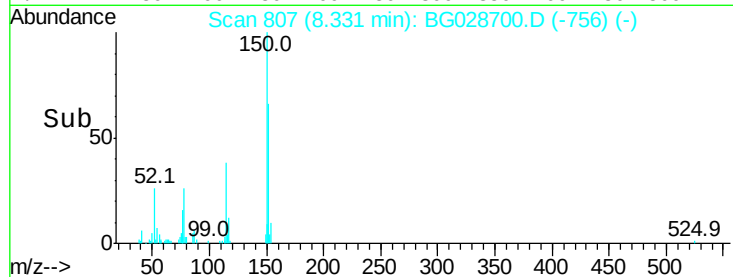
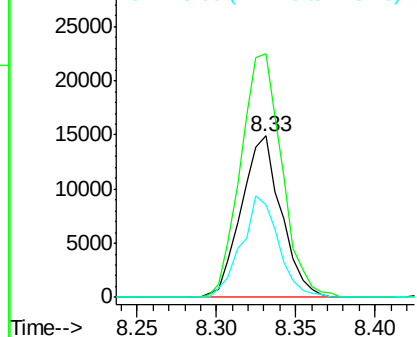
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG028700.D
Acq: 13 Sep 2017 16:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 26004
Ion Ratio Lower Upper
152 100
150 151.1 114.0 171.0
115 57.3 48.1 72.1



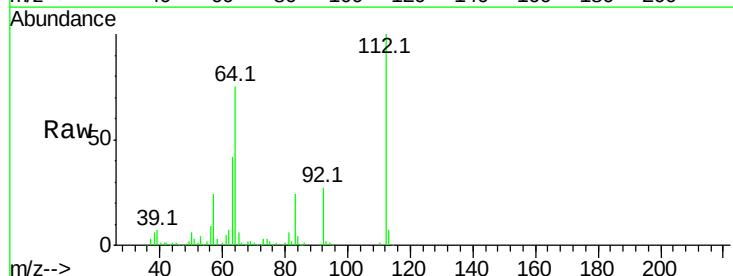
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



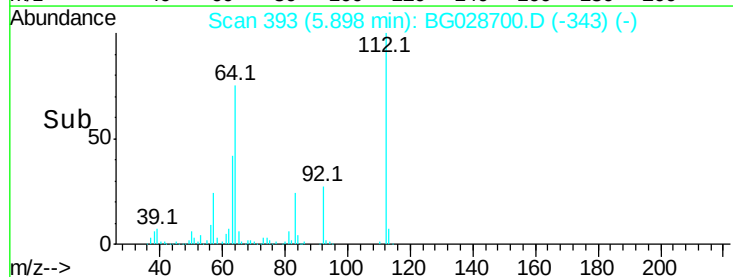
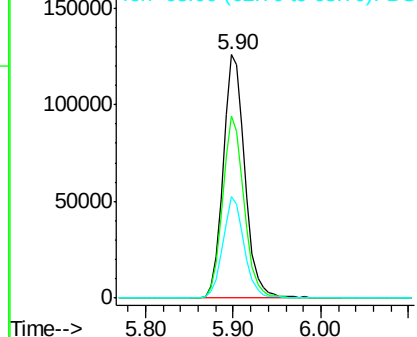
#5

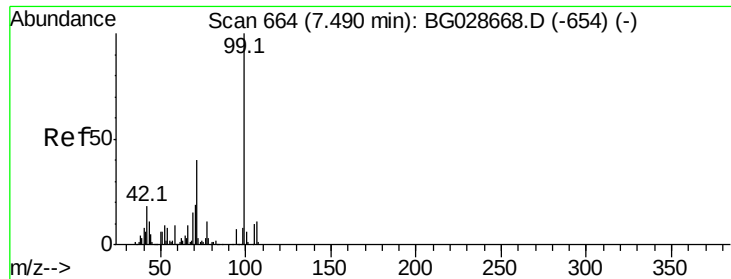
2-Fluorophenol
Concen: 136.934 ng
RT: 5.90 min Scan# 393
Delta R.T. -0.00 min
Lab File: BG028700.D
Acq: 13 Sep 2017 16:07

Tgt Ion:112 Resp: 215801
Ion Ratio Lower Upper
112 100
64 74.6 61.8 92.6
63 41.7 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: 125.100 ng

RT: 7.48 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG028700.D

Acq: 13 Sep 2017 16:07

Instrument :

BNA_G

ClientSampleId :

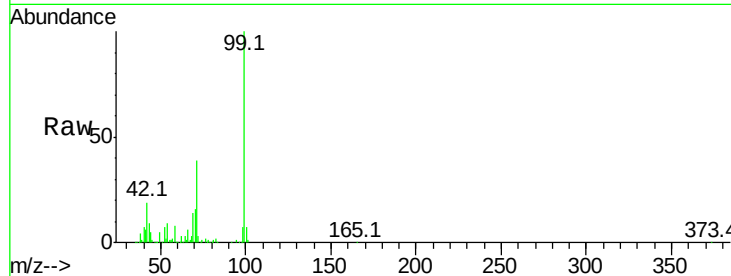
Tot Ion: 99 Resp: 296836

Ion Ratio Lower Upper

99 100

42 18.8 20.5 30.7#

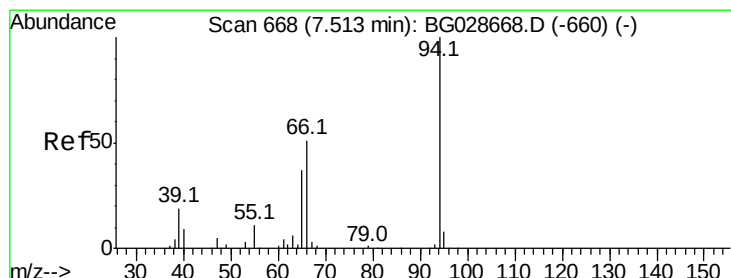
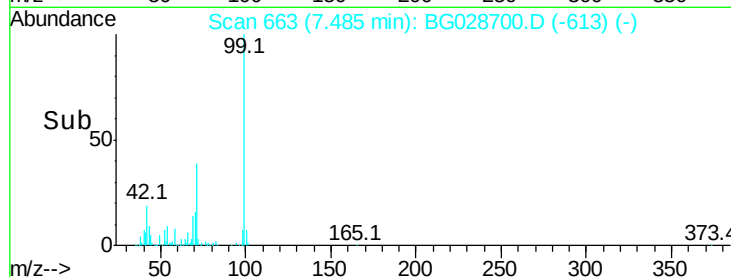
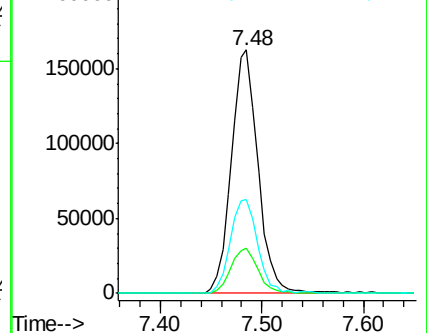
71 38.7 37.6 56.4



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



#10

Phenol

Concen: 4.283 ng

RT: 7.51 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG028700.D

Acq: 13 Sep 2017 16:07

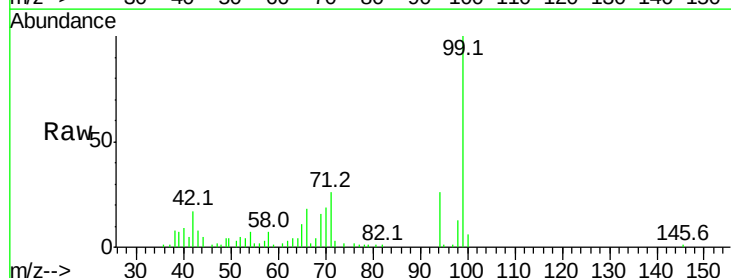
Tgt Ion: 94 Resp: 10725

Ion Ratio Lower Upper

94 100

65 43.6 20.6 60.6

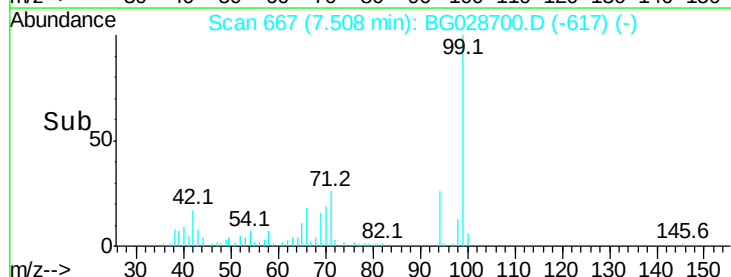
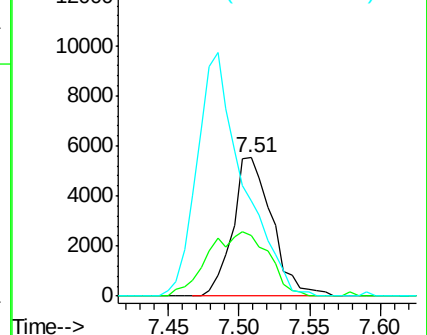
66 68.8 35.5 75.5

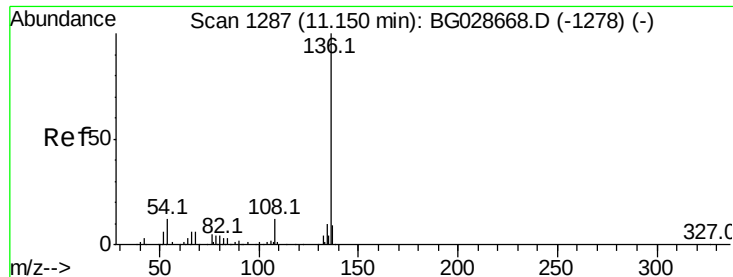


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

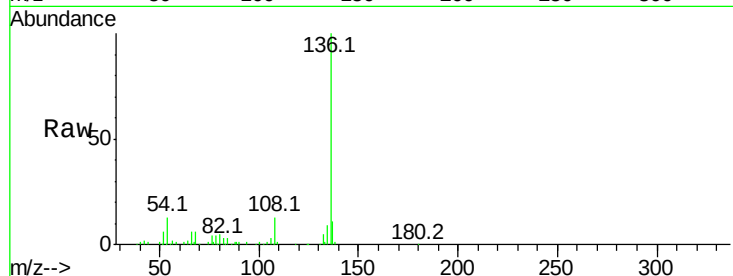




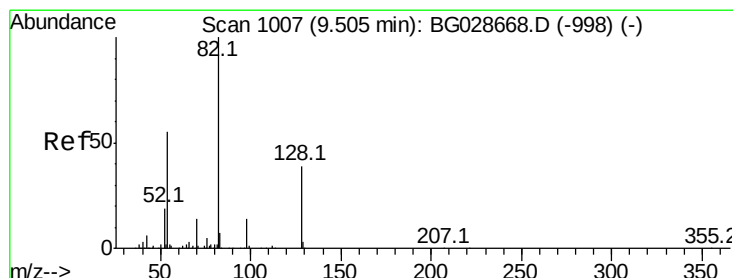
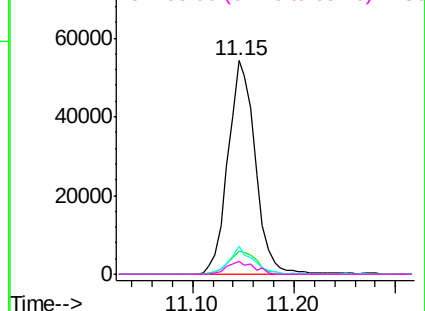
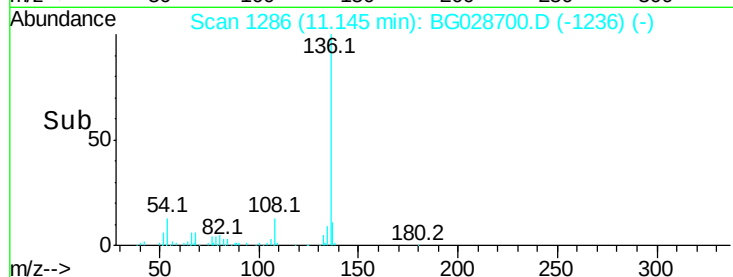
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.15 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BG028700.D
Acq: 13 Sep 2017 16:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	101253
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	13.3	9.3	13.9
68	6.0	5.1	7.7

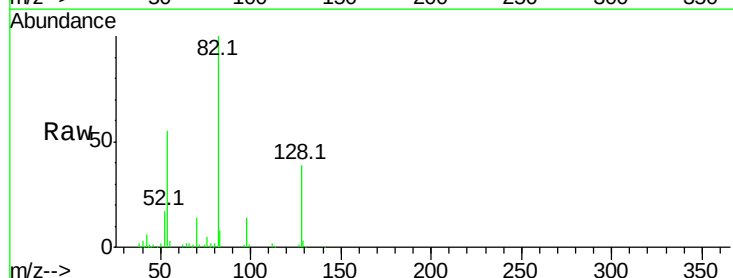


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

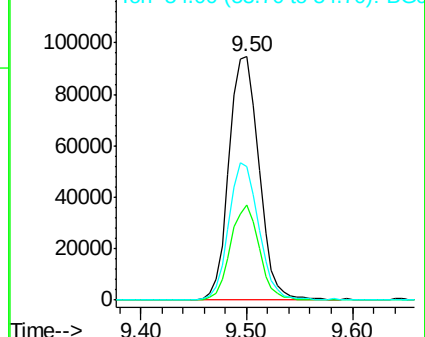
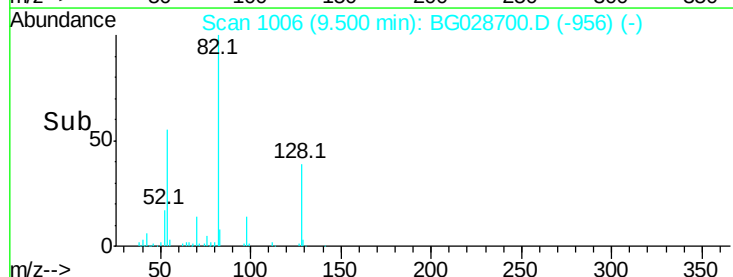


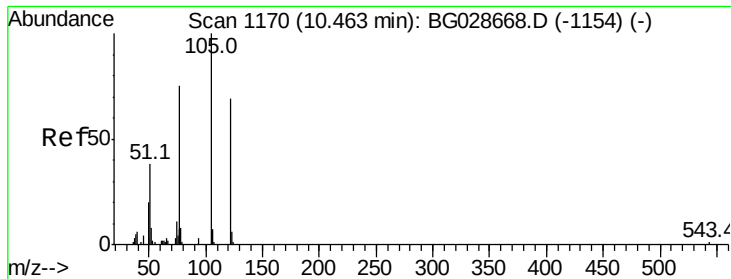
#23
Nitrobenzene-d5
Concen: 88.011 ng
RT: 9.50 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BG028700.D
Acq: 13 Sep 2017 16:07

Tgt Ion:	82	Resp:	186285
Ion	Ratio	Lower	Upper
82	100		
128	38.9	26.4	39.6
54	54.9	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: 6.126 ng

RT: 10.61 min Scan# 1195

Delta R.T. 0.15 min

Lab File: BG028700.D

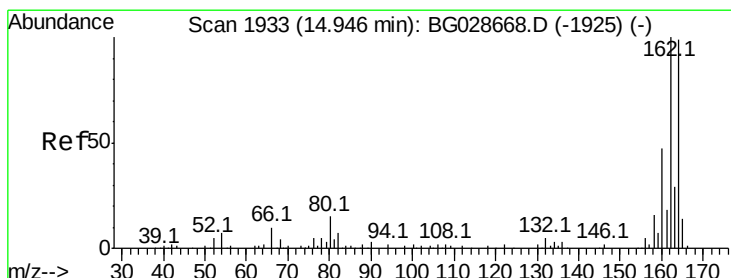
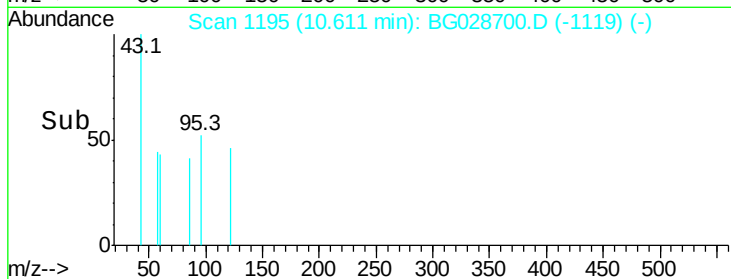
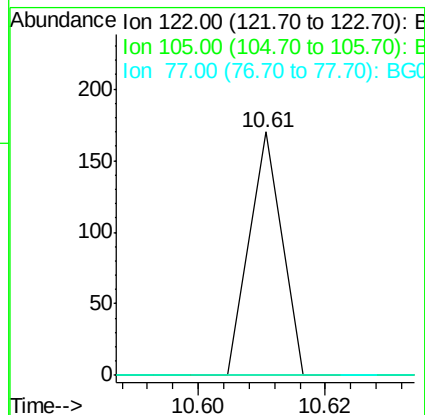
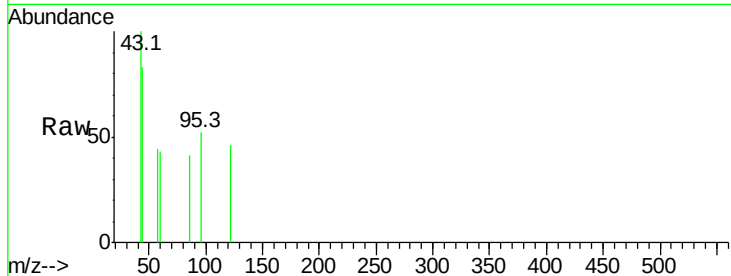
Acq: 13 Sep 2017 16:07

Instrument :

BNA_G

ClientSampleId :

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



#38

Acenaphthene-d10

Concen: 20.000 ng

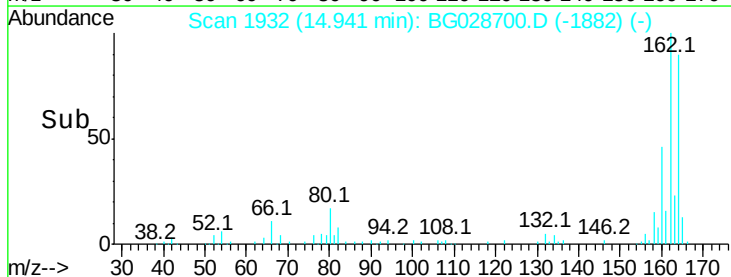
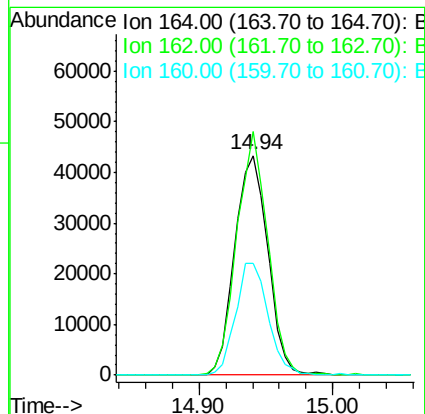
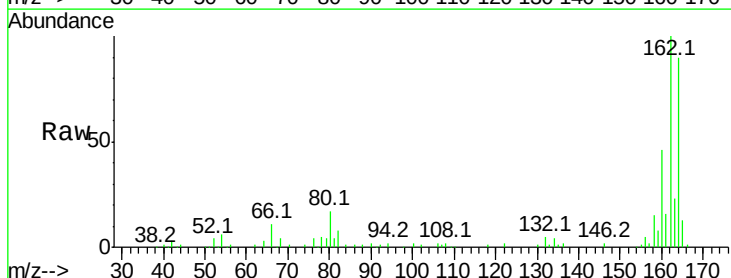
RT: 14.94 min Scan# 1932

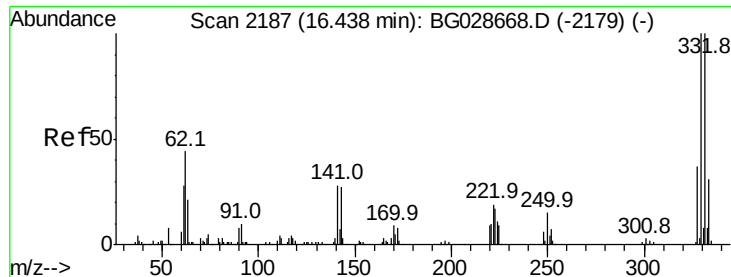
Delta R.T. -0.00 min

Lab File: BG028700.D

Acq: 13 Sep 2017 16:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	110.9	85.1	127.7
160	50.9	34.7	52.1

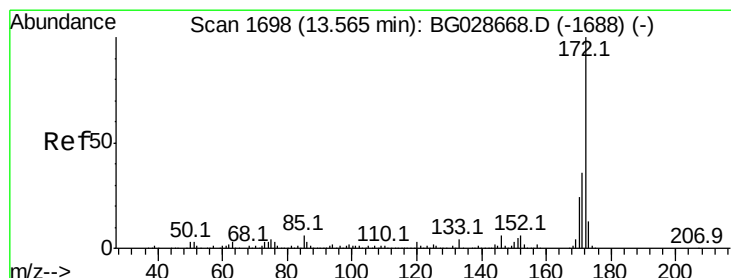
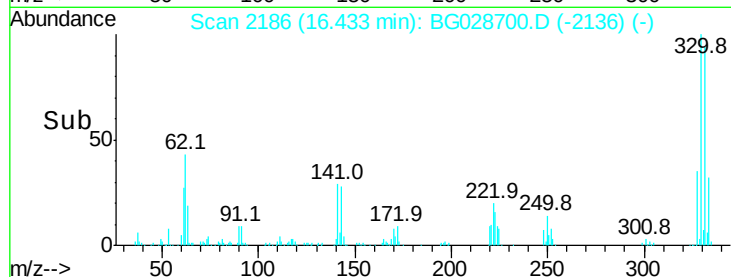
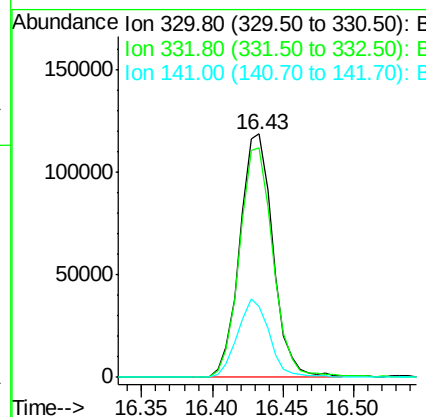
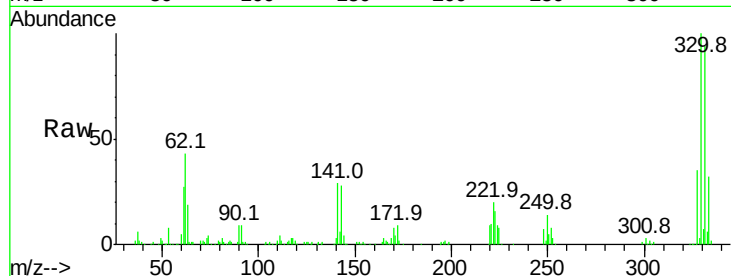




#41
 2,4,6-Tribromophenol
 Concen: 157.456 ng
 RT: 16.43 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: BG028700.D
 Acq: 13 Sep 2017 16:07

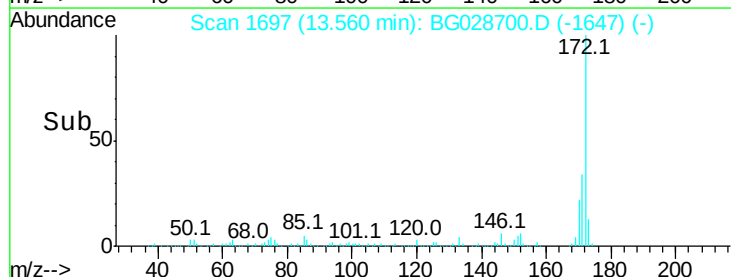
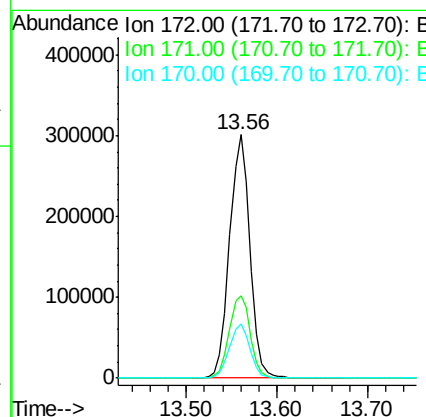
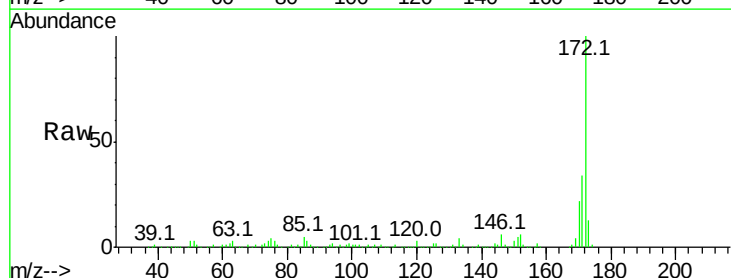
Instrument :
 BNA_G
 ClientSampleId :

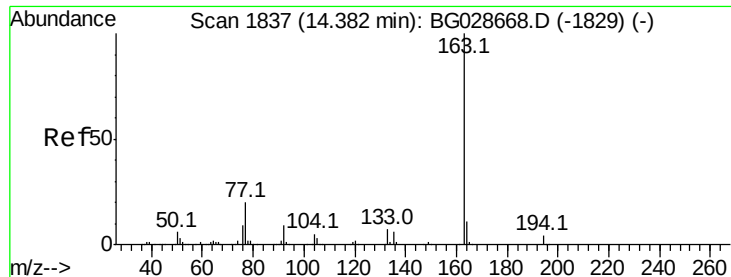
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.3	115.9
141	31.1	32.1	48.1#



#44
 2-Fluorobiphenyl
 Concen: 82.969 ng
 RT: 13.56 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BG028700.D
 Acq: 13 Sep 2017 16:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.7	32.2	48.2
170	22.0	21.8	32.6





#49

Dimethylphthalate

Concen: 8.530 ng

RT: 14.38 min Scan# 1836

Delta R.T. -0.00 min

Lab File: BG028700.D

Acq: 13 Sep 2017 16:07

Instrument :

BNA_G

ClientSampleId :

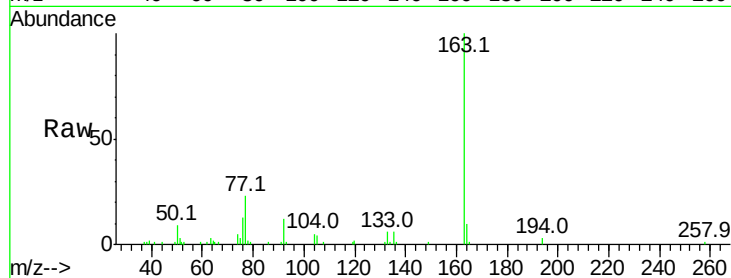
Tot Ion:163 Resp: 53580

Ion Ratio Lower Upper

163 100

194 3.4 3.8 5.6#

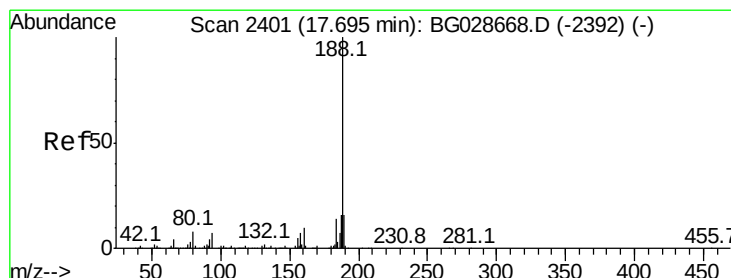
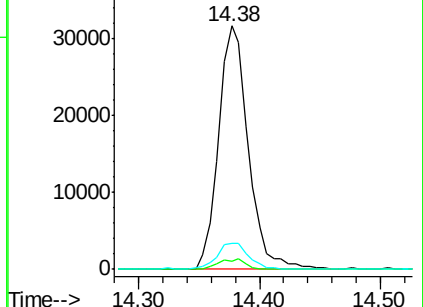
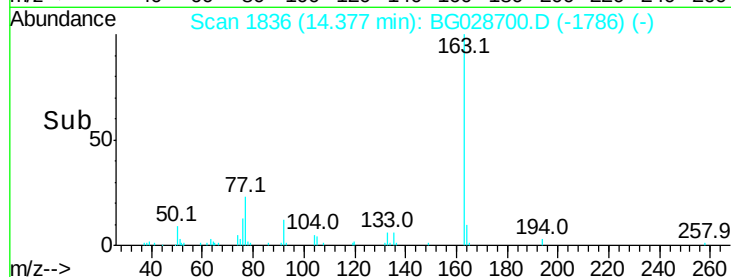
164 10.5 9.3 13.9



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: 20.000 ng

RT: 17.69 min Scan# 2400

Delta R.T. -0.00 min

Lab File: BG028700.D

Acq: 13 Sep 2017 16:07

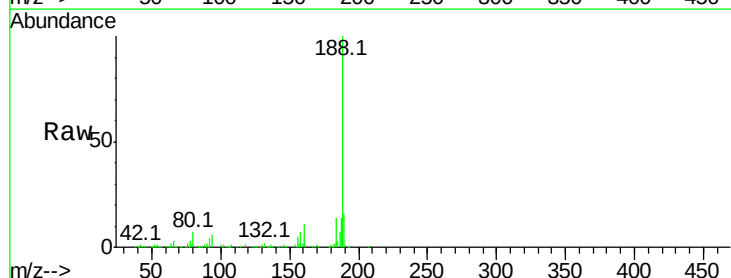
Tgt Ion:188 Resp: 236465

Ion Ratio Lower Upper

188 100

94 6.2 5.8 8.8

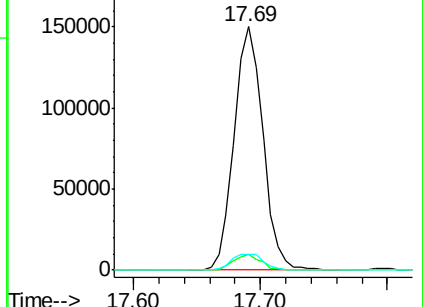
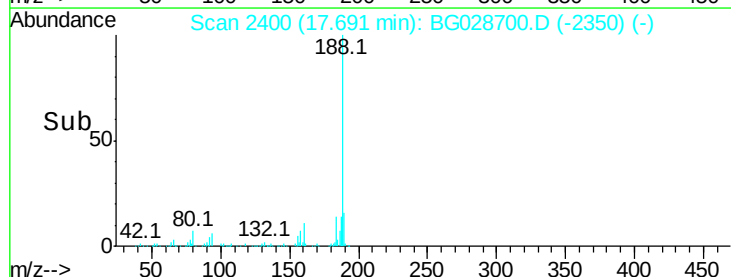
80 6.6 7.5 11.3#

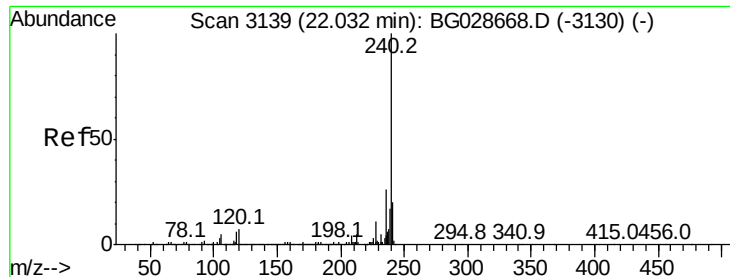


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.02 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG028700.D

Acq: 13 Sep 2017 16:07

Instrument :

BNA_G

ClientSampleId :

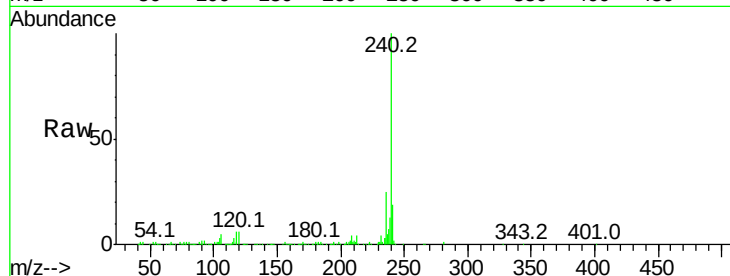
Tot Ion:240 Resp: 277213

Ion Ratio Lower Upper

240 100

120 5.6 5.7 8.5#

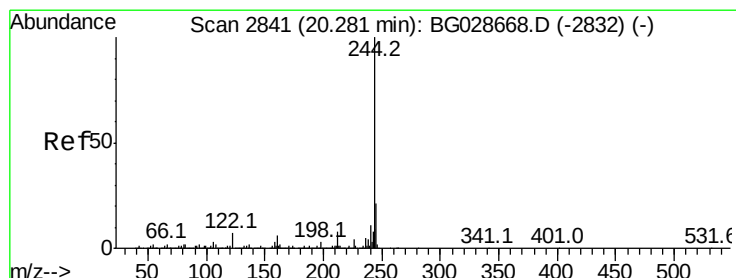
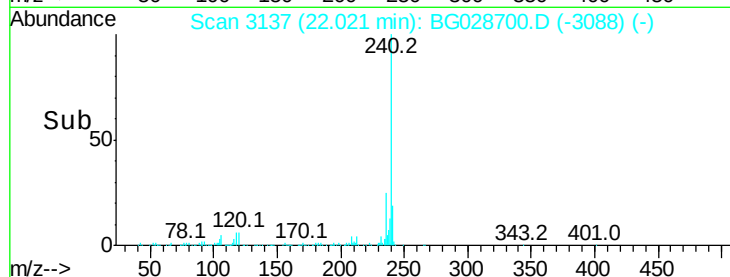
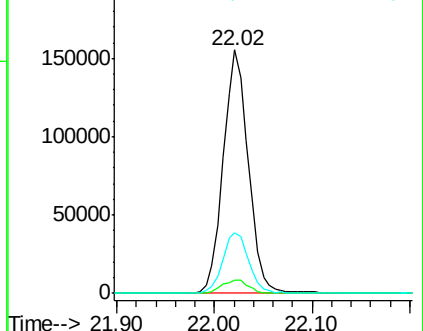
236 24.7 22.2 33.4



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: 75.891 ng

RT: 20.28 min Scan# 2840

Delta R.T. -0.00 min

Lab File: BG028700.D

Acq: 13 Sep 2017 16:07

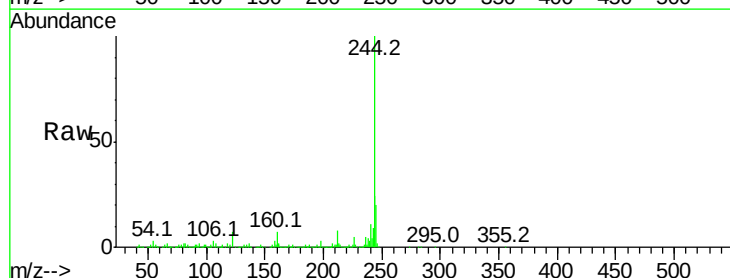
Tgt Ion:244 Resp: 986513

Ion Ratio Lower Upper

244 100

212 7.7 10.0 15.0#

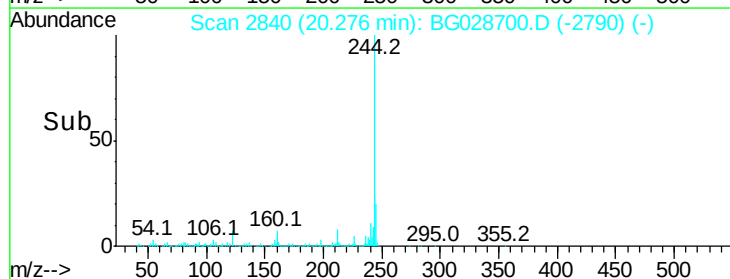
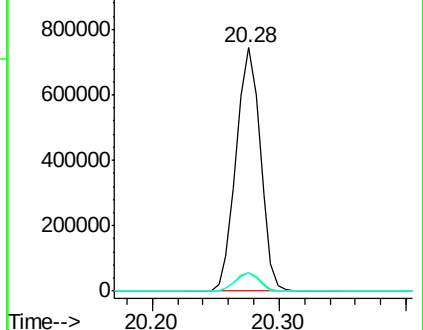
122 7.5 8.6 12.8#

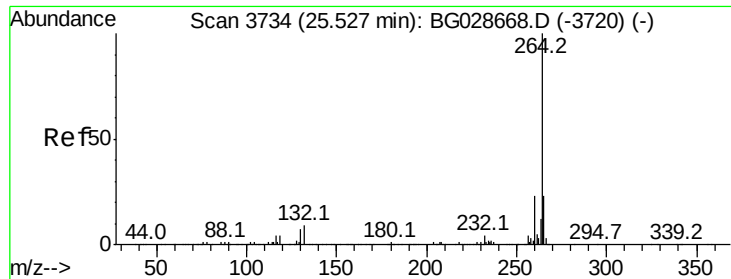


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.52 min Scan# 3733
 Delta R.T. -0.00 min
 Lab File: BG028700.D
 Acq: 13 Sep 2017 16:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	21.8	32.8
265	20.7	18.2	27.4

