

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091417\
 Data File : BG028736.D
 Acq On : 14 Sep 2017 17:21
 Operator : SJ/JU
 Sample : I5187-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 15 07:50:07 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

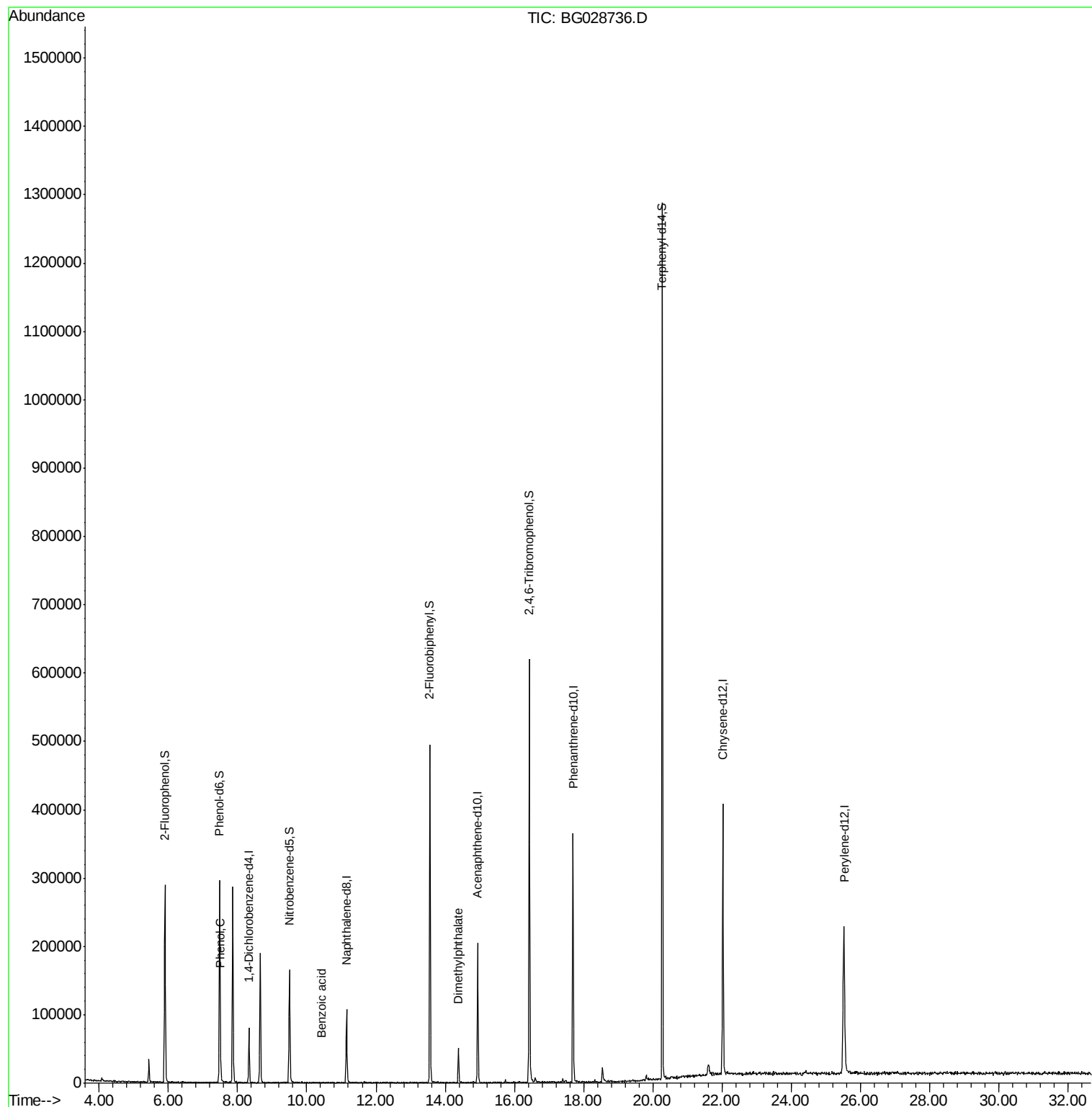
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	22522	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	92507	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	76863	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	243888	20.00	ng	0.00
75) Chrysene-d12	22.02	240	279899	20.00	ng	0.00
86) Perylene-d12	25.53	264	284017	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	130180	95.37	ng	0.00
7) Phenol-d6	7.48	99	186087	90.55	ng	0.00
23) Nitrobenzene-d5	9.50	82	112209	58.03	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	140561	110.57	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	284282	49.32	ng	0.00
78) Terphenyl-d14	20.27	244	608664	46.37	ng	0.00
Target Compounds						
10) Phenol	7.51	94	4929	2.273	ng	87
32) Benzoic acid	10.43	122	59	6.130	ng	# 1
49) Dimethylphthalate	14.38	163	39841	6.181	ng	100

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

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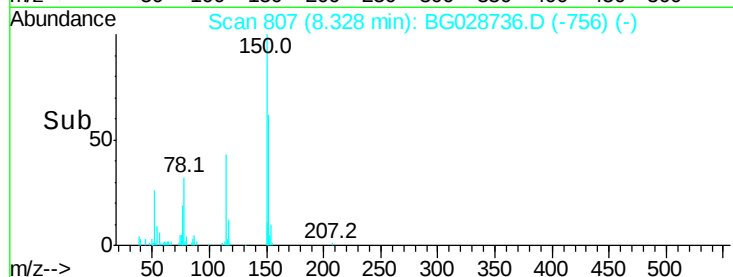
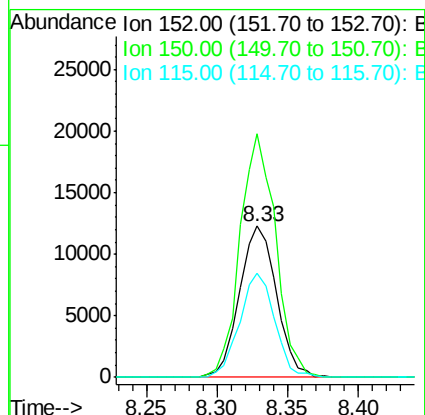
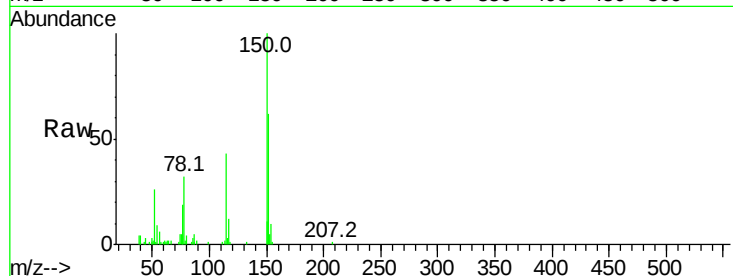


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 807
Delta R.T. -0.00 min
Lab File: BG028736.D
Acq: 14 Sep 2017 17:21

Instrument :
BNA_G
ClientSampled :

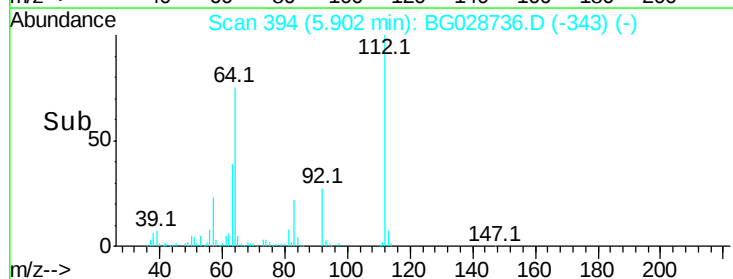
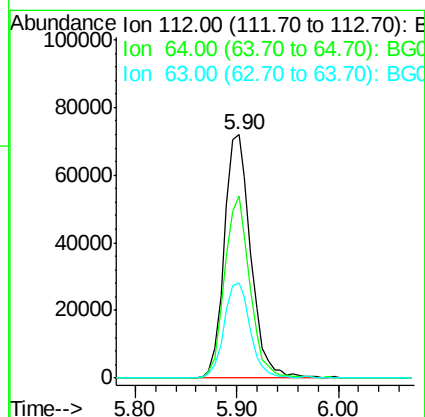
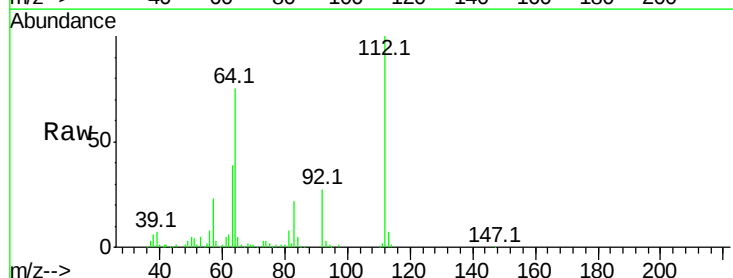
Tot Ion:152 Resp: 22522
Ion Ratio Lower Upper
152 100
150 160.9 114.0 171.0
115 68.6 48.1 72.1

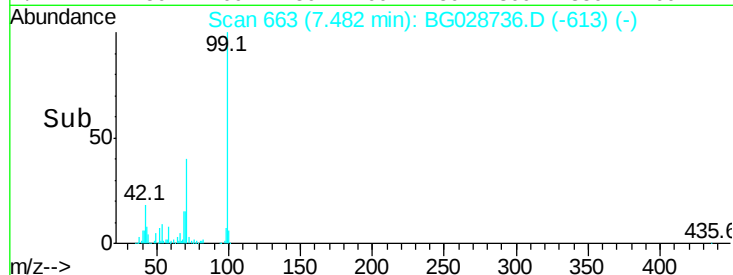
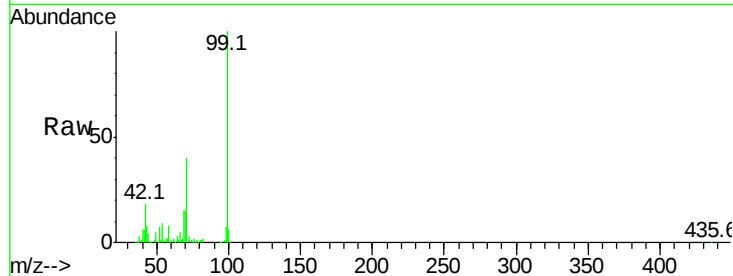
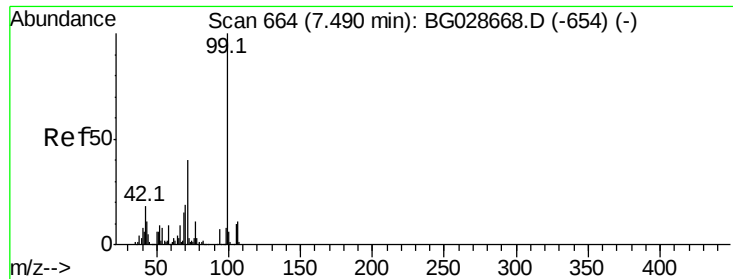


#5

2-Fluorophenol
Concen: 95.375 ng
RT: 5.90 min Scan# 394
Delta R.T. -0.00 min
Lab File: BG028736.D
Acq: 14 Sep 2017 17:21

Tgt Ion:112 Resp: 130180
Ion Ratio Lower Upper
112 100
64 74.7 61.8 92.6
63 39.1 37.2 55.8





#7

Phenol-d6

Concen: 90.550 ng

RT: 7.48 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG028736.D

Acq: 14 Sep 2017 17:21

Instrument :

BNA_G

ClientSampleId :

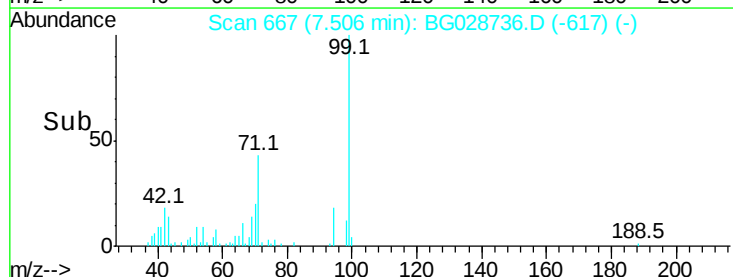
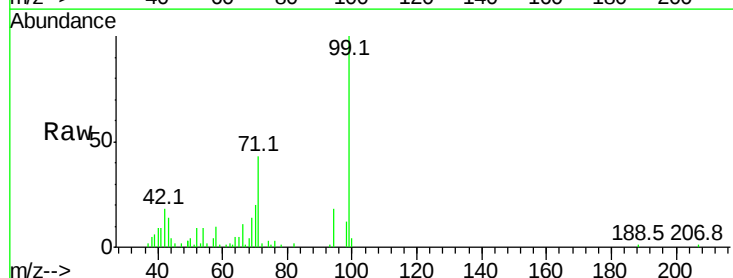
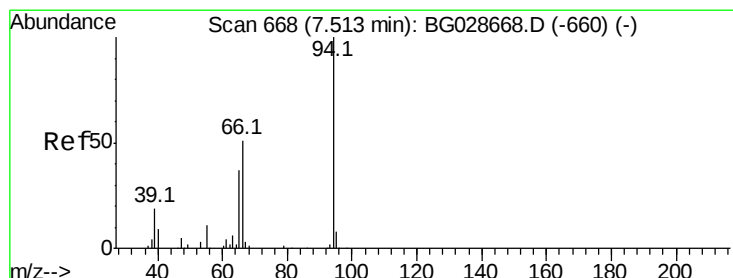
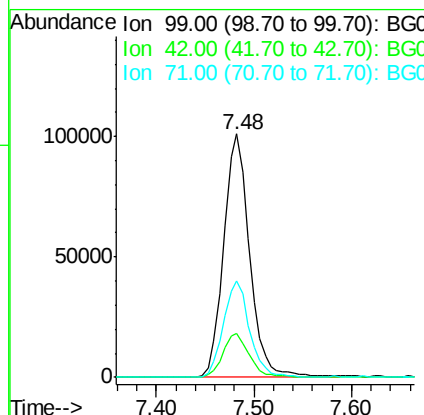
Tot Ion: 99 Resp: 186087

Ion Ratio Lower Upper

99 100

42 17.8 20.5 30.7#

71 39.7 37.6 56.4



#10

Phenol

Concen: 2.273 ng

RT: 7.51 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG028736.D

Acq: 14 Sep 2017 17:21

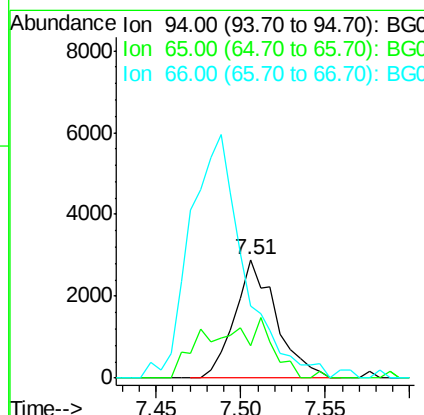
Tgt Ion: 94 Resp: 4929

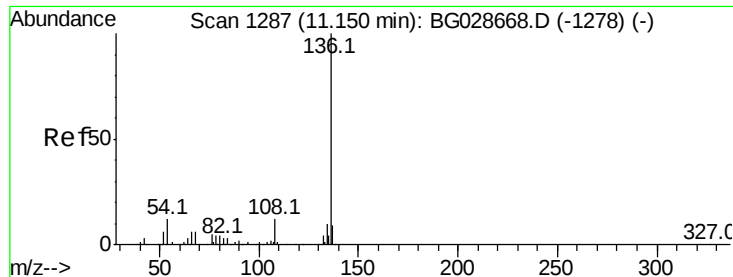
Ion Ratio Lower Upper

94 100

65 27.5 20.6 60.6

66 61.0 35.5 75.5

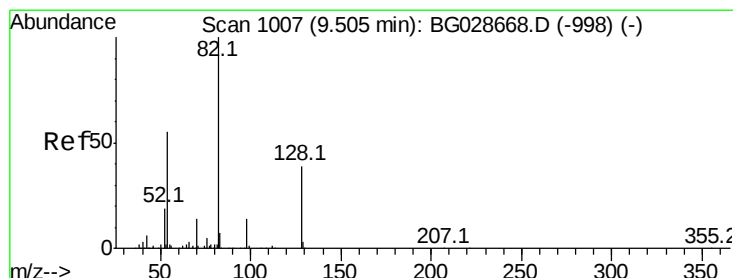
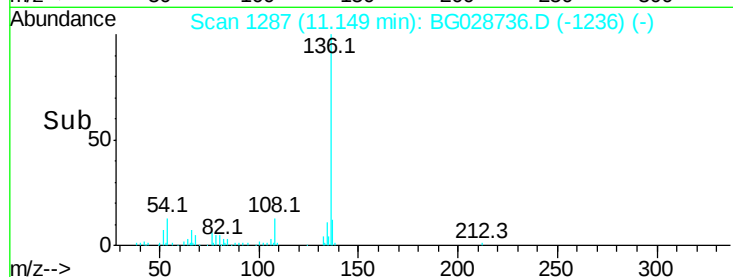
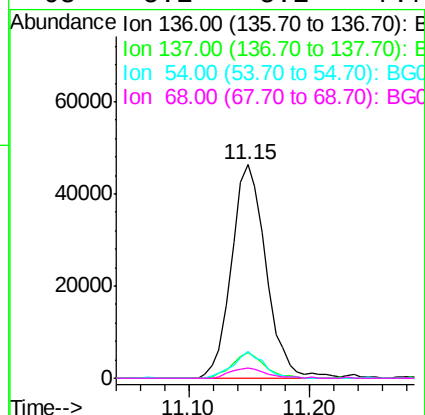
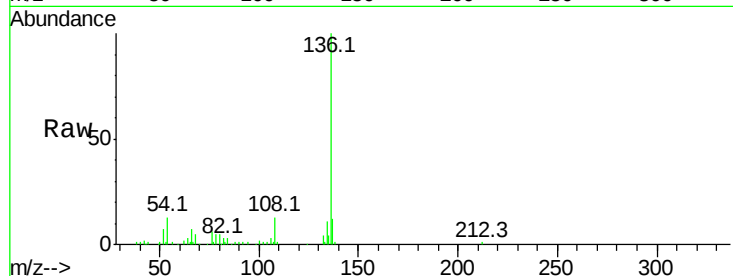




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.15 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BG028736.D
Acq: 14 Sep 2017 17:21

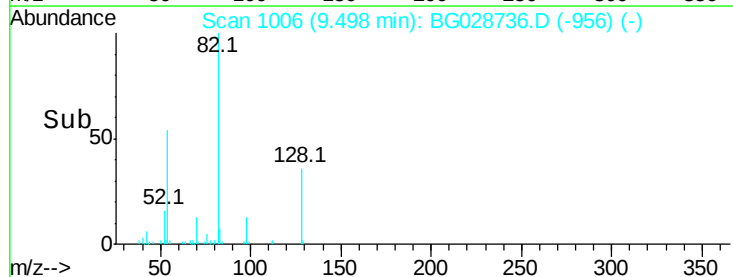
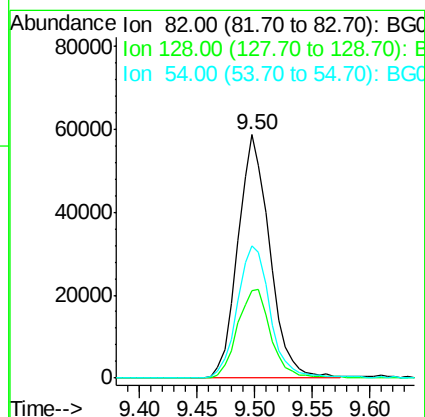
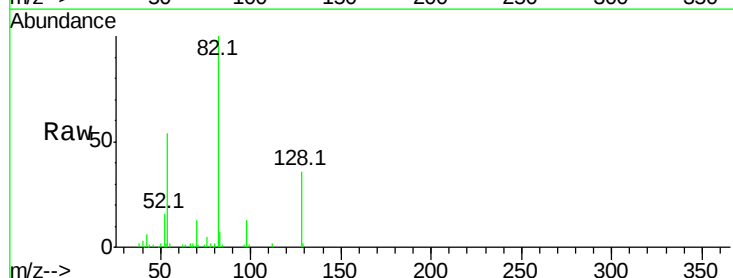
Instrument :
BNA_G
ClientSampleId :

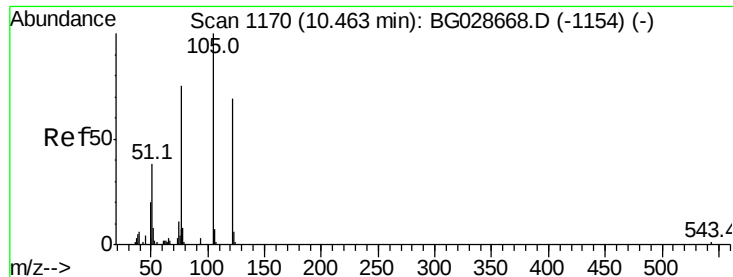
Tot Ion:	136	Resp:	92507
Ion	Ratio	Lower	Upper
136	100		
137	12.2	8.9	13.3
54	12.5	9.3	13.9
68	5.1	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 58.026 ng
RT: 9.50 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG028736.D
Acq: 14 Sep 2017 17:21

Tgt Ion:	82	Resp:	112209
Ion	Ratio	Lower	Upper
82	100		
128	35.8	26.4	39.6
54	54.3	49.4	74.2





#32

Benzoic acid

Concen: 6.130 ng

RT: 10.43 min Scan# 1165

Delta R.T. -0.03 min

Lab File: BG028736.D

Acq: 14 Sep 2017 17:21

Instrument :

BNA_G

ClientSampleId :

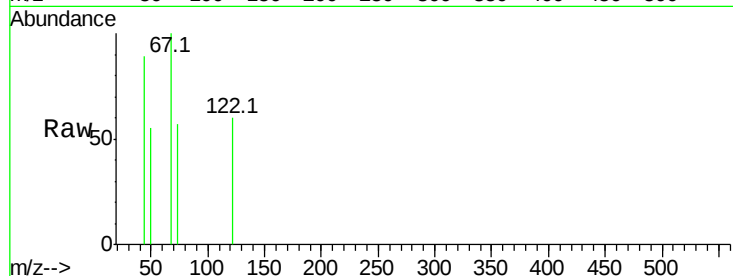
Tot Ion:122 Resp: 59

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): E

10.43

150

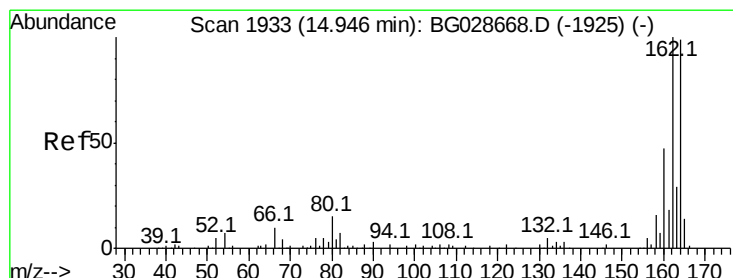
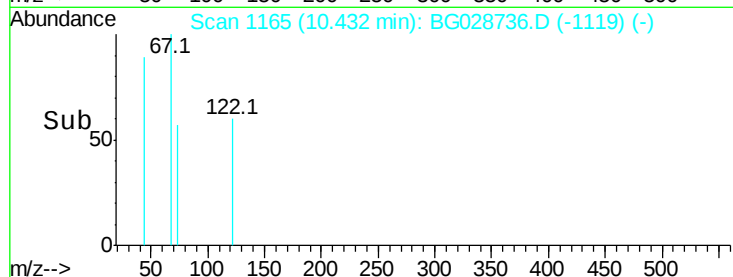
100

50

0

10.42 10.44

Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.94 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BG028736.D

Acq: 14 Sep 2017 17:21

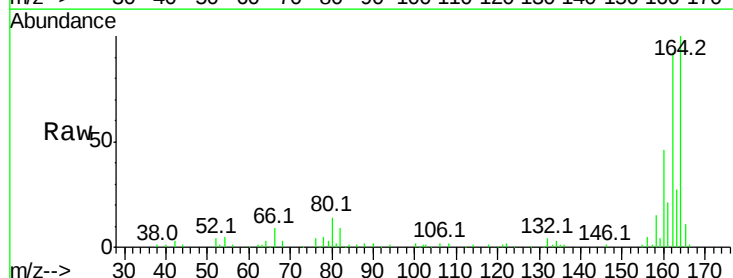
Tgt Ion:164 Resp: 76863

Ion Ratio Lower Upper

164 100

162 92.5 85.1 127.7

160 45.6 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

14.94

60000

50000

40000

30000

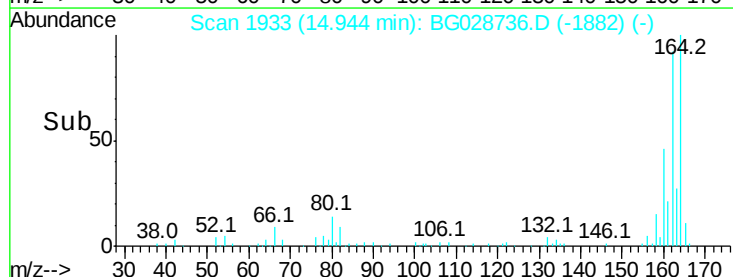
20000

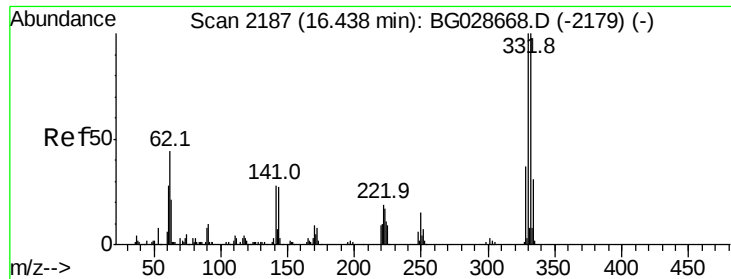
10000

0

14.90 14.95 15.00

Time-->

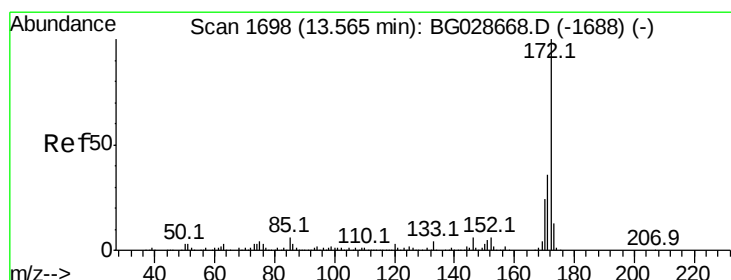
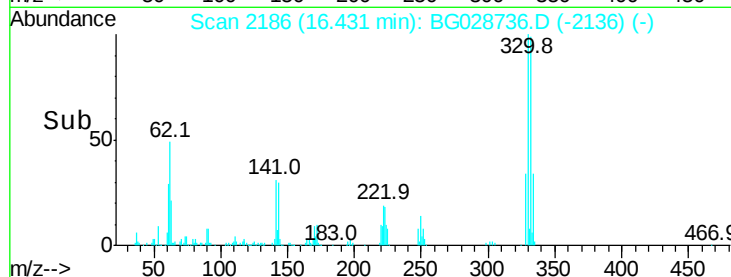
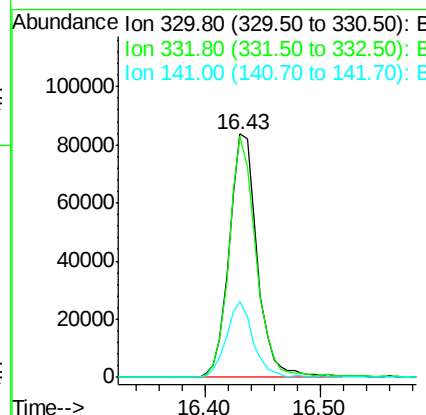
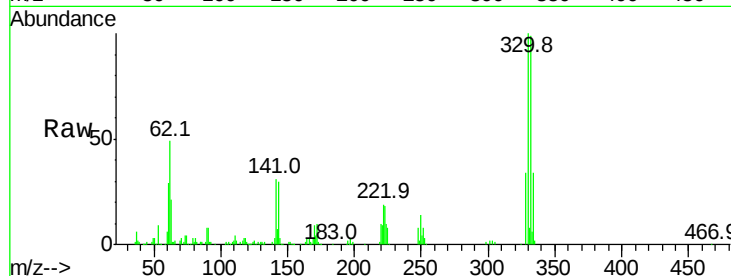




#41
 2,4,6-Tribromophenol
 Concen: 110.568 ng
 RT: 16.43 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: BG028736.D
 Acq: 14 Sep 2017 17:21

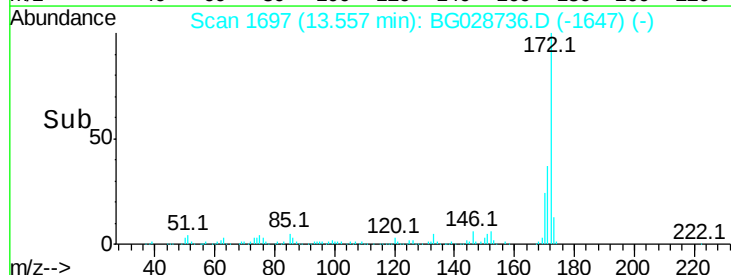
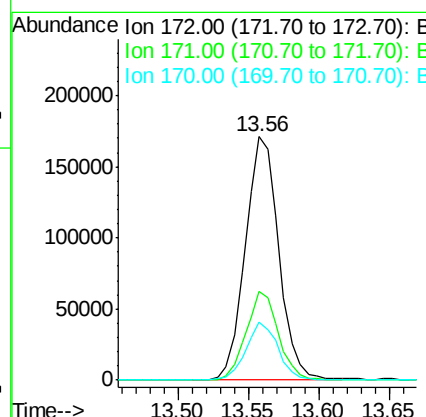
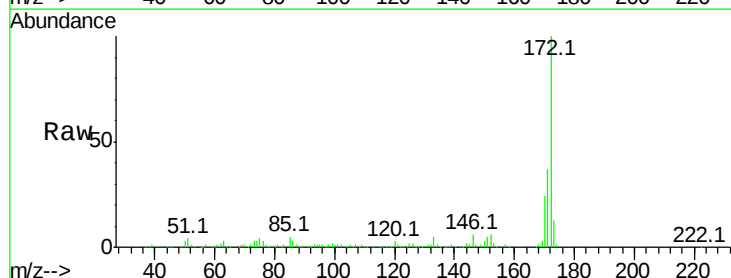
Instrument :
 BNA_G
 ClientSampleId :

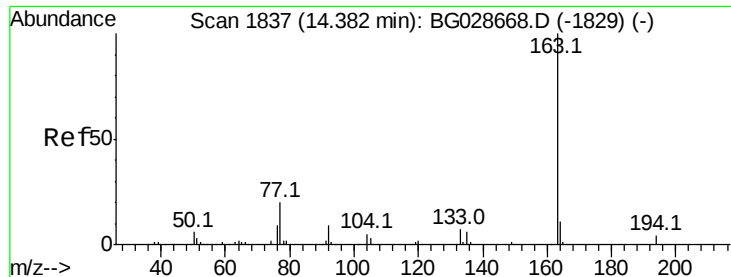
Tot Ion:330 Resp: 140561
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.3 115.9
 141 30.3 32.1 48.1#



#44
 2-Fluorobiphenyl
 Concen: 49.317 ng
 RT: 13.56 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG028736.D
 Acq: 14 Sep 2017 17:21

Tgt Ion:172 Resp: 284282
 Ion Ratio Lower Upper
 172 100
 171 36.6 32.2 48.2
 170 23.7 21.8 32.6





#49

Dimethylphthalate

Concen: 6.181 ng

RT: 14.38 min Scan# 1837

Delta R.T. -0.00 min

Lab File: BG028736.D

Acq: 14 Sep 2017 17:21

Instrument :

BNA_G

ClientSampleId :

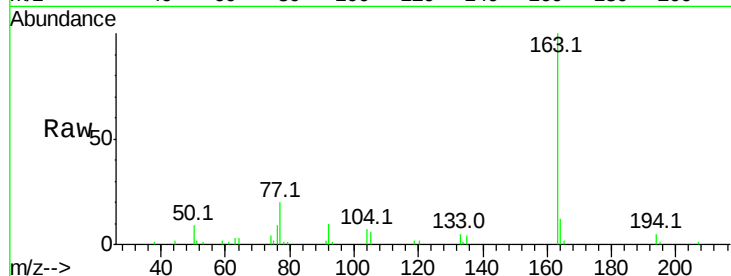
Tot Ion:163 Resp: 39841

Ion Ratio Lower Upper

163 100

194 4.9 3.8 5.6

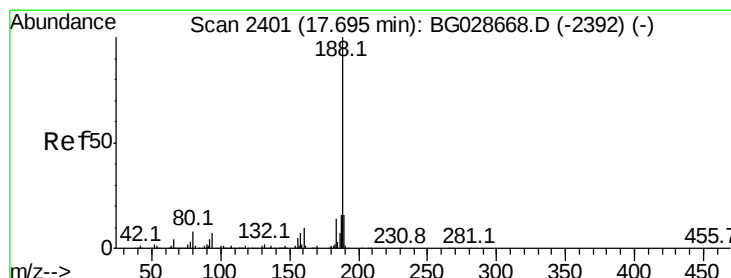
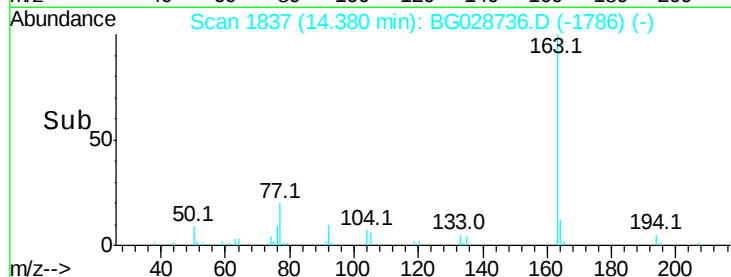
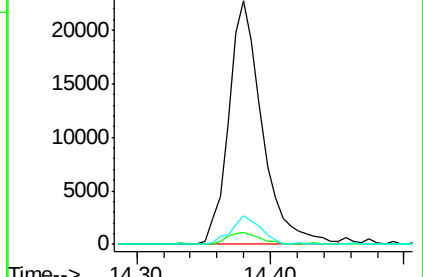
164 11.7 9.3 13.9



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# 2401

Delta R.T. -0.00 min

Lab File: BG028736.D

Acq: 14 Sep 2017 17:21

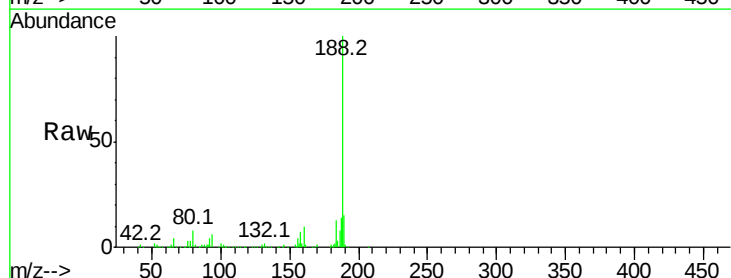
Tgt Ion:188 Resp: 243888

Ion Ratio Lower Upper

188 100

94 6.0 5.8 8.8

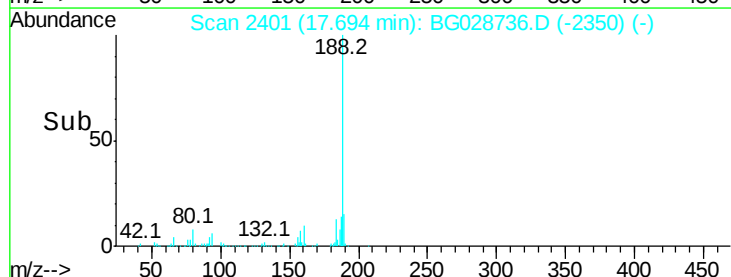
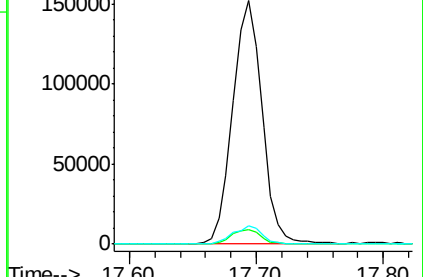
80 7.6 7.5 11.3

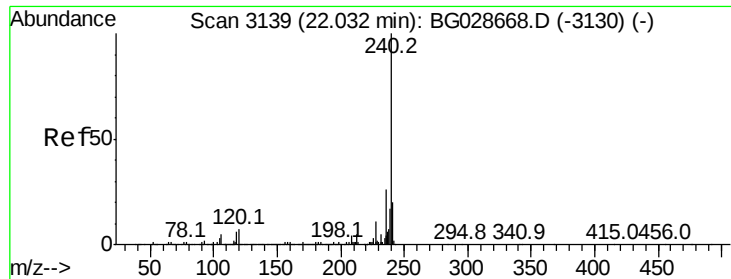


Abundance Ion 188.00 (187.70 to 188.70): E

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# 3138

Delta R.T. -0.01 min

Lab File: BG028736.D

Acq: 14 Sep 2017 17:21

Instrument :

BNA_G

ClientSampleId :

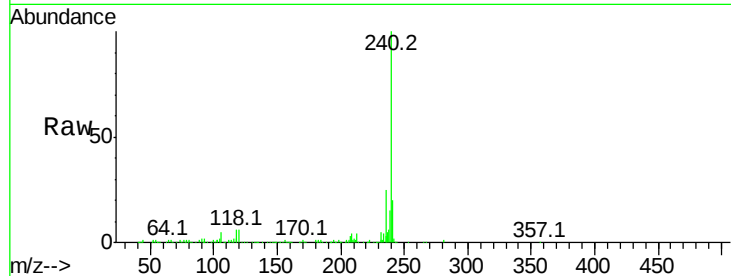
Tot Ion:240 Resp: 279899

Ion Ratio Lower Upper

240 100

120 5.5 5.7 8.5#

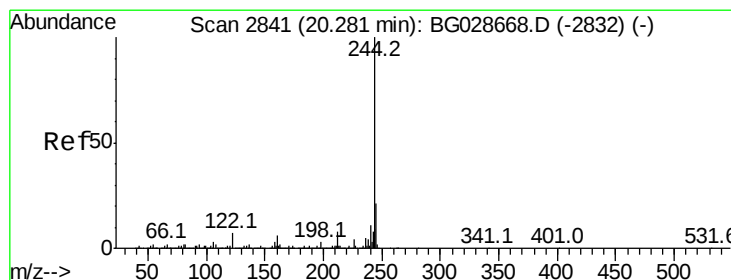
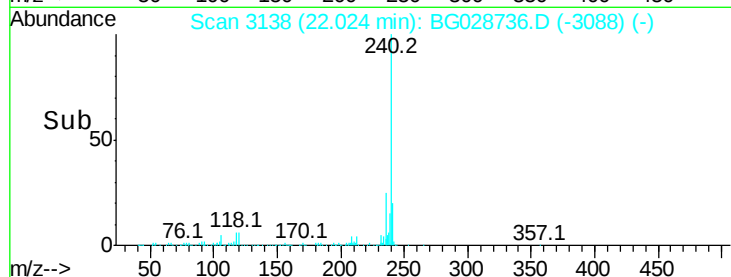
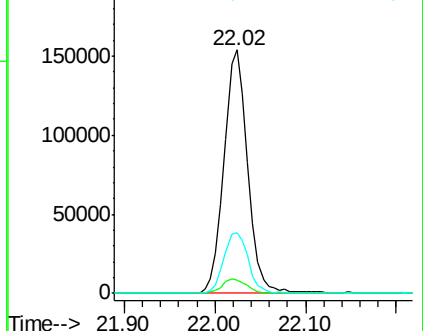
236 24.8 22.2 33.4



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: 46.374 ng

RT: 20.27 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BG028736.D

Acq: 14 Sep 2017 17:21

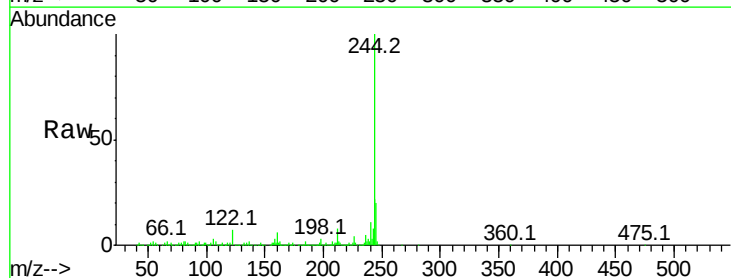
Tgt Ion:244 Resp: 608664

Ion Ratio Lower Upper

244 100

212 7.7 10.0 15.0#

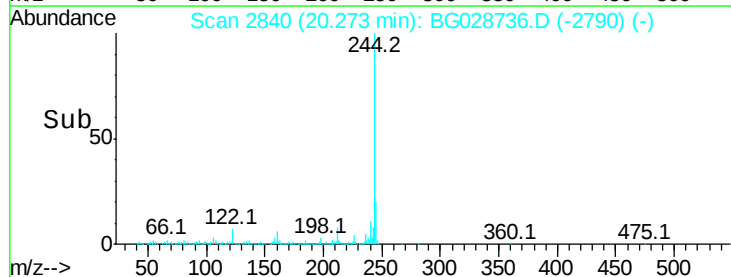
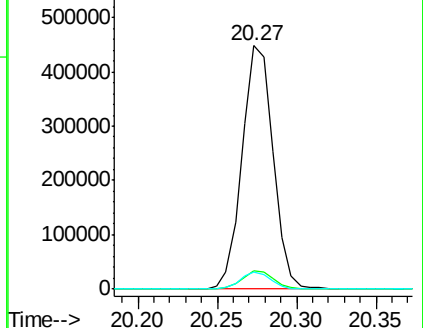
122 7.1 8.6 12.8#

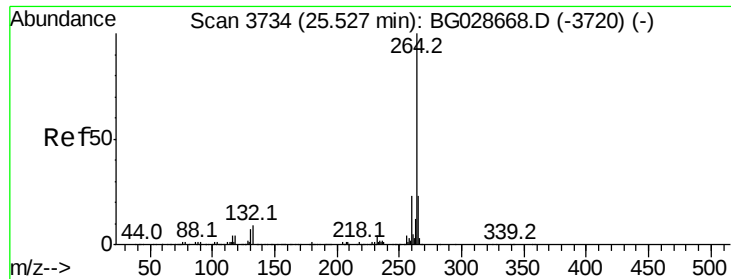


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

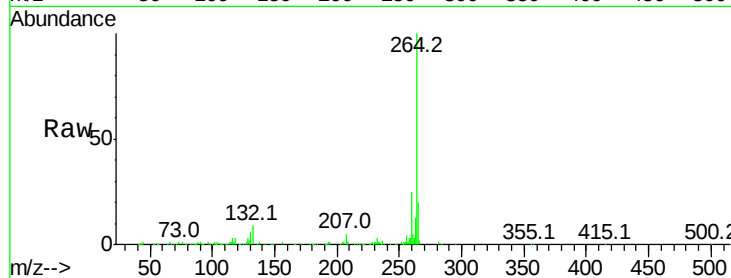




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.53 min Scan# 3734
 Delta R.T. -0.00 min
 Lab File: BG028736.D
 Acq: 14 Sep 2017 17:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	21.8	32.8
265	20.4	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

