

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101817\
 Data File : BG029354.D
 Acq On : 19 Oct 2017 5:47
 Operator : SJ/JU
 Sample : I5906-18DL 25X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 19 16:35:03 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

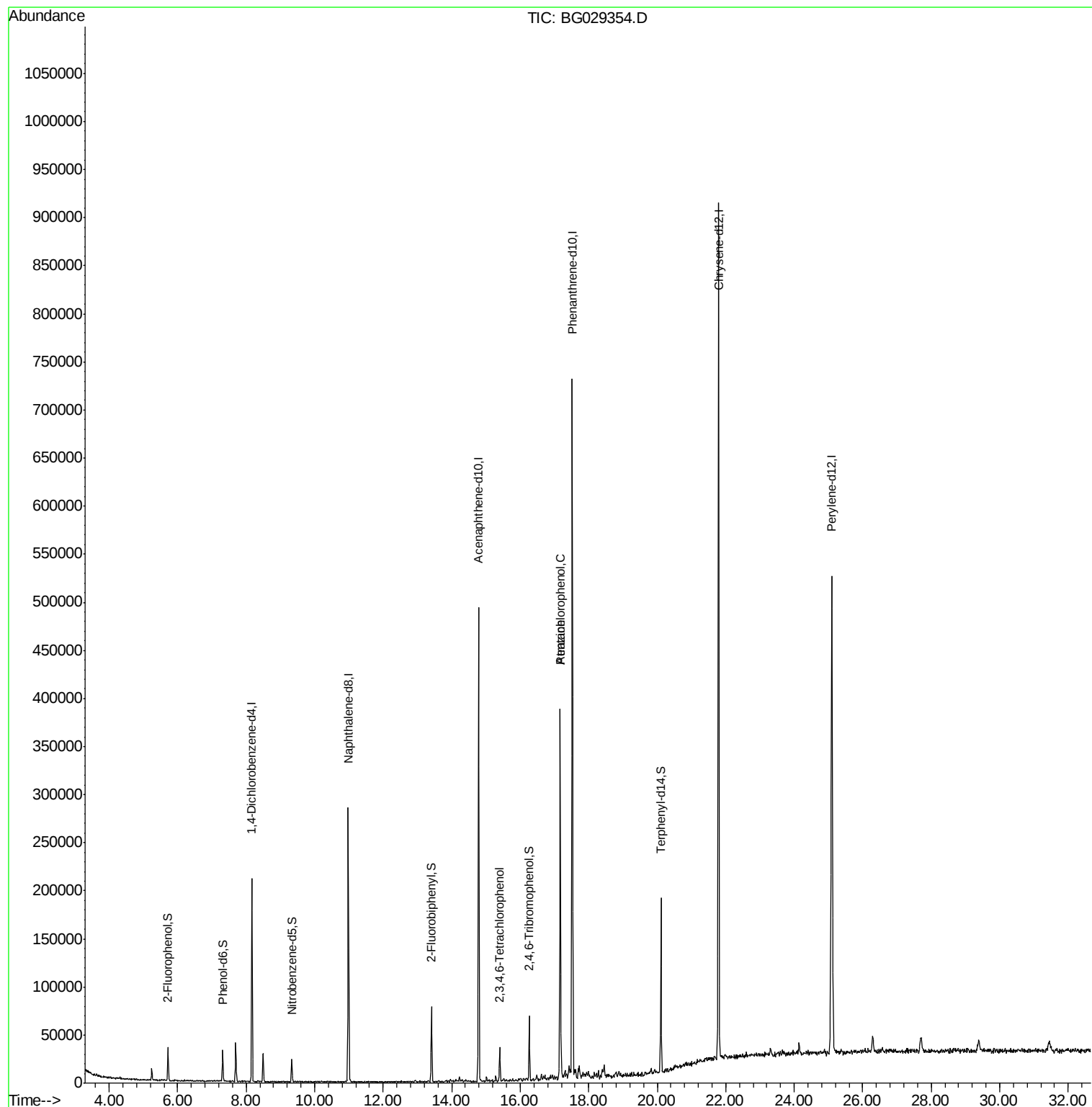
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	58117	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	259632	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	171586	20.00	ng	-0.01
63) Phenanthrene-d10	17.52	188	440619	20.00	ng	-0.01
75) Chrysene-d12	21.79	240	518945	20.00	ng	-0.01
86) Perylene-d12	25.10	264	525884	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	16218	4.66	ng	0.00
7) Phenol-d6	7.31	99	19486	3.99	ng	-0.01
23) Nitrobenzene-d5	9.33	82	14636	3.58	ng	-0.01
41) 2,4,6-Tribromophenol	16.26	330	12841	5.80	ng	-0.01
44) 2-Fluorobiphenyl	13.41	172	44717	3.82	ng	-0.01
78) Terphenyl-d14	20.11	244	84807	3.72	ng	-0.01
Target Compounds						
58) 2,3,4,6-Tetrachlorophenol	15.40	232	7704	2.286	ng	# 99
68) Atrazine	17.17	200	13800	2.930	ng	# 36
69) Pentachlorophenol	17.17	266	74749	22.720	ng	96

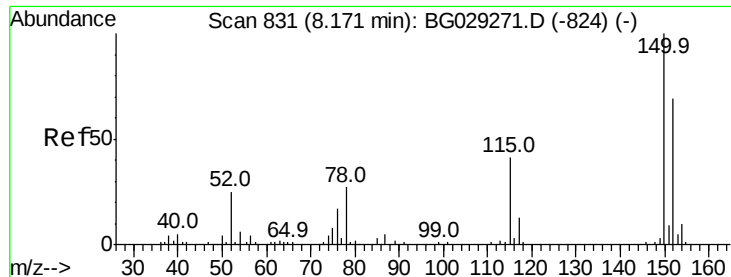
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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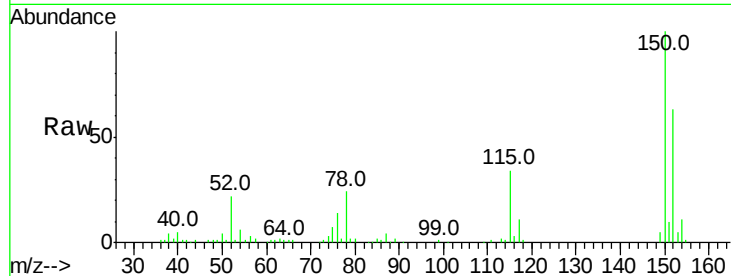


#1

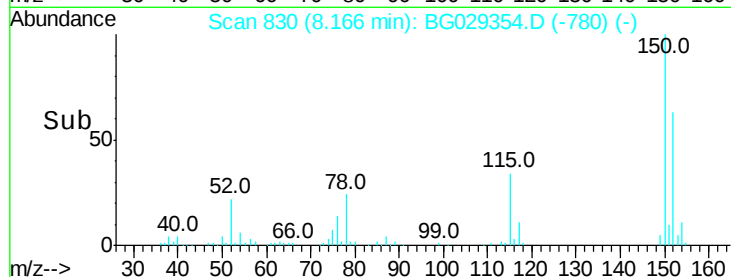
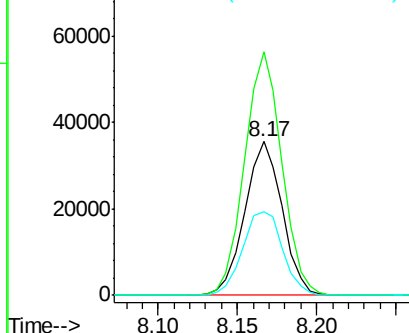
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG029354.D
Acq: 19 Oct 2017 5:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	126.6	189.8
115	54.0	53.0	79.4



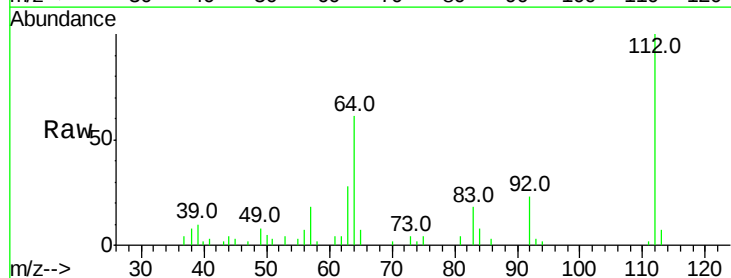
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



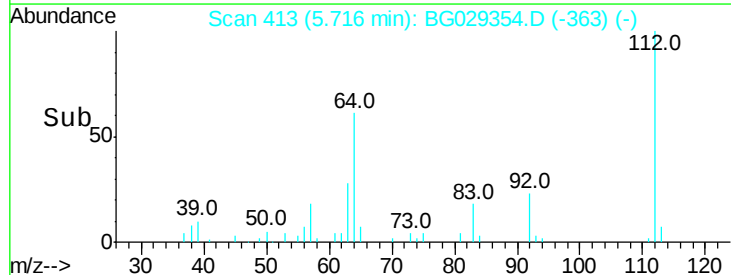
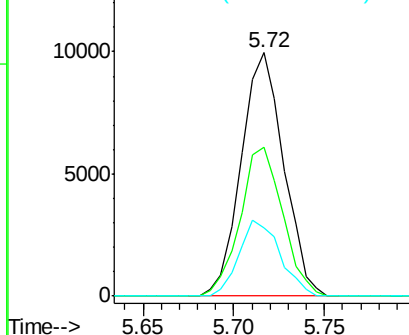
#5

2-Fluorophenol
Concen: 4.662 ng
RT: 5.72 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG029354.D
Acq: 19 Oct 2017 5:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.2	56.3	84.5
63	28.2	30.1	45.1



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: 3.990 ng

RT: 7.31 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG029354.D

Acq: 19 Oct 2017 5:47

Instrument :

BNA_G

ClientSampleId :

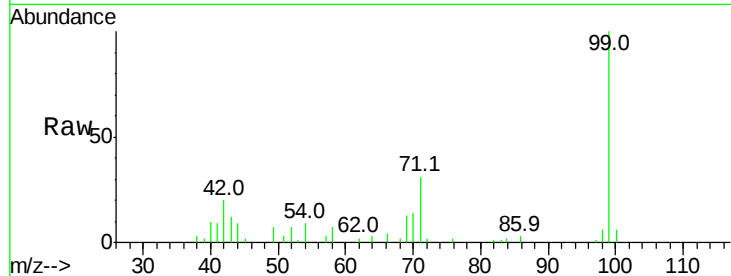
Tot Ion: 99 Resp: 19486

Ion Ratio Lower Upper

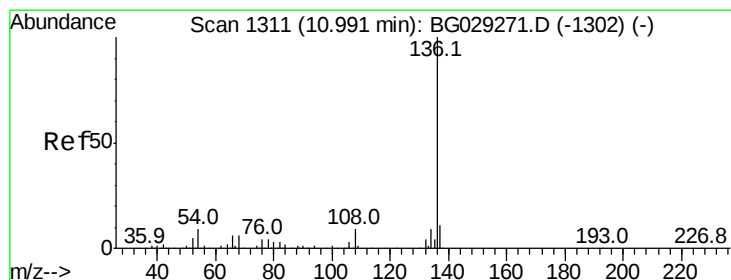
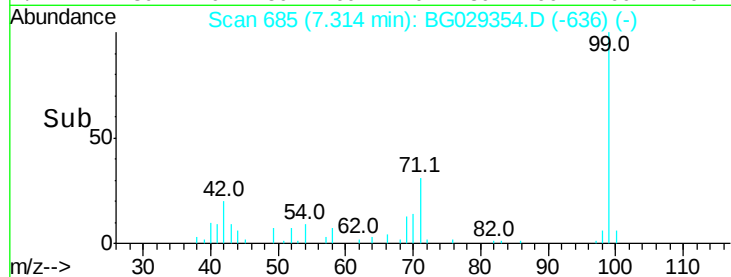
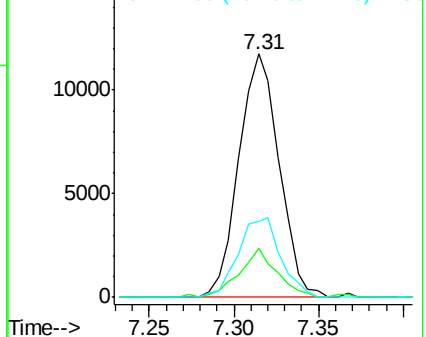
99 100

42 20.4 14.1 21.1

71 31.2 26.1 39.1



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.99 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BG029354.D

Acq: 19 Oct 2017 5:47

Tgt Ion: 136 Resp: 259632

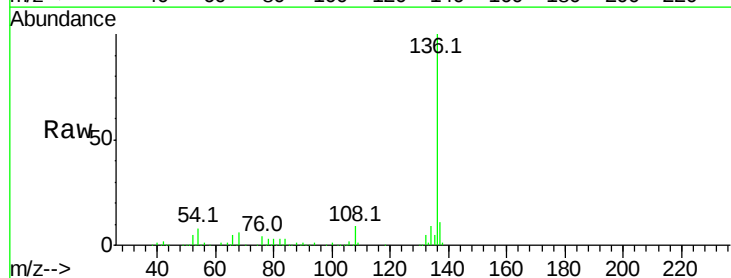
Ion Ratio Lower Upper

136 100

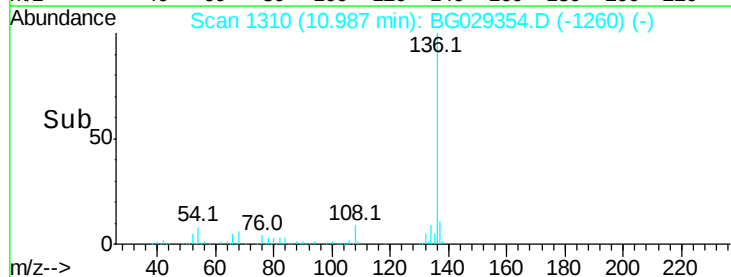
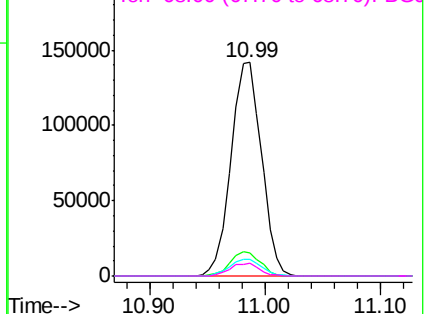
137 10.9 9.2 13.8

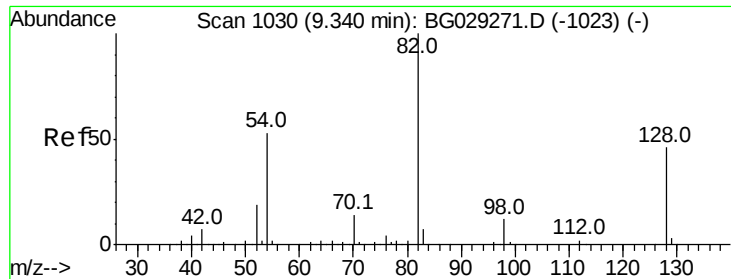
54 7.7 10.3 15.5#

68 6.2 4.5 6.7



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

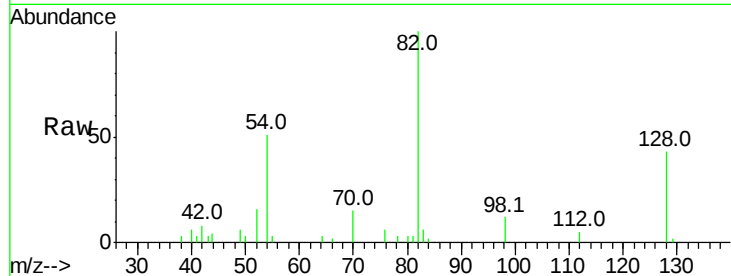




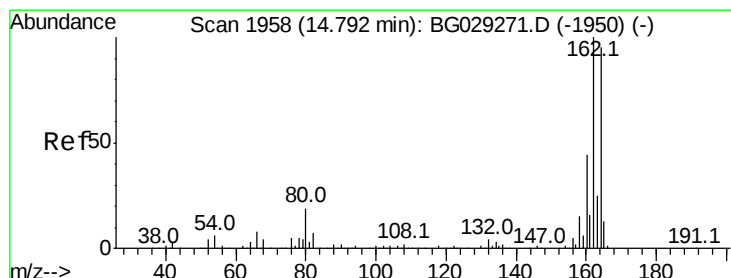
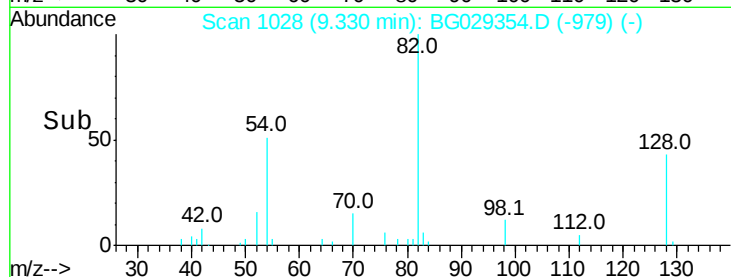
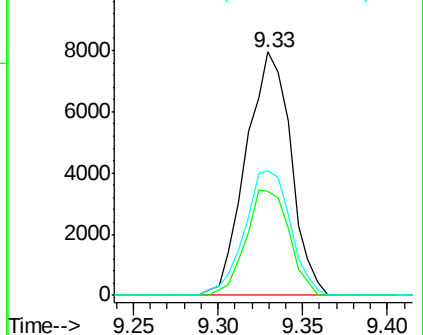
#23
 Nitrobenzene-d5
 Concen: 3.582 ng
 RT: 9.33 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG029354.D
 Acq: 19 Oct 2017 5:47

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	14636
Ion	Ratio	Lower	Upper
82	100		
128	42.7	29.7	44.5
54	51.2	43.1	64.7

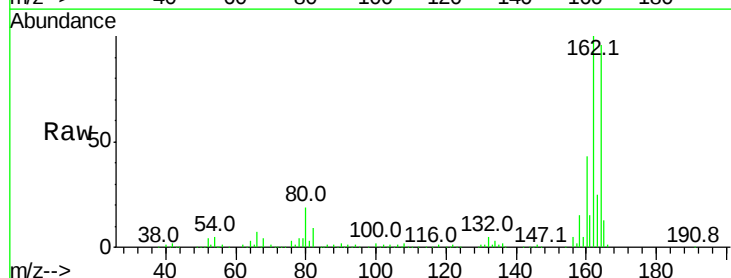


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

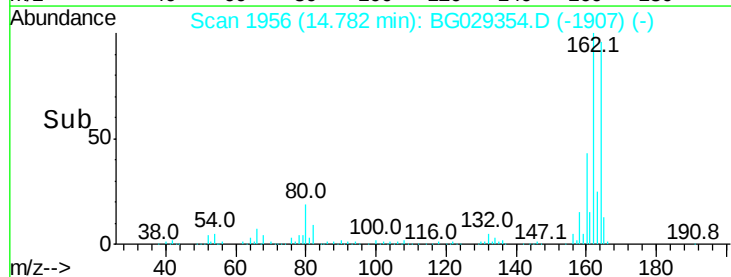
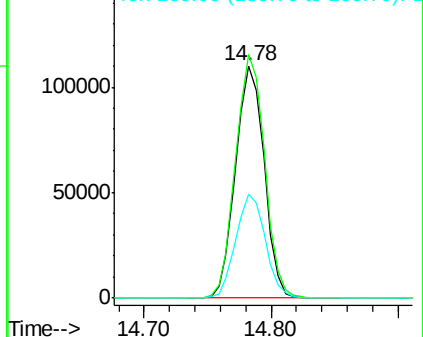


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BG029354.D
 Acq: 19 Oct 2017 5:47

Tgt Ion	164	Resp	171586
Ion	Ratio	Lower	Upper
164	100		
162	104.7	78.8	118.2
160	44.8	35.4	53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

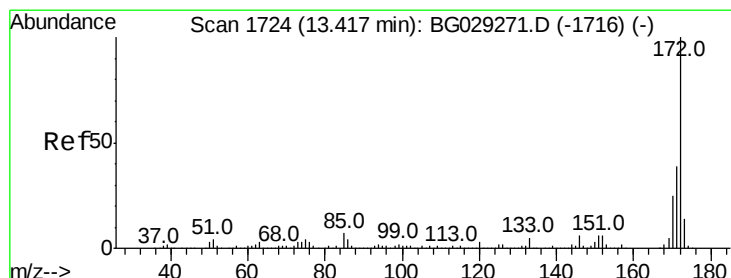
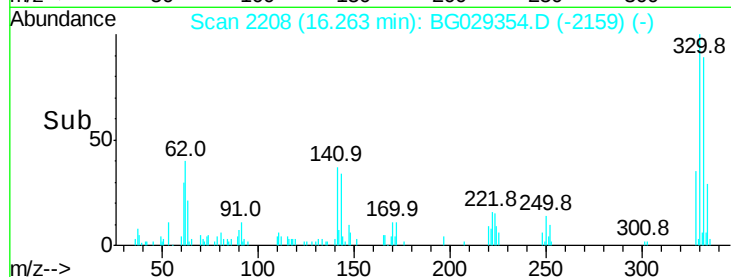
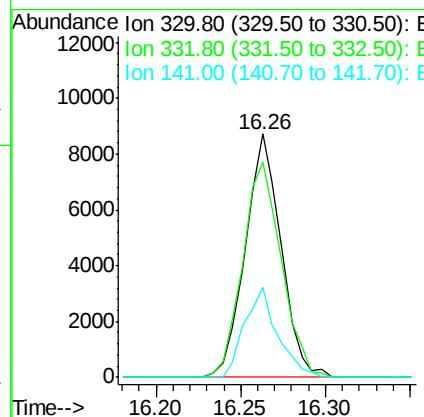
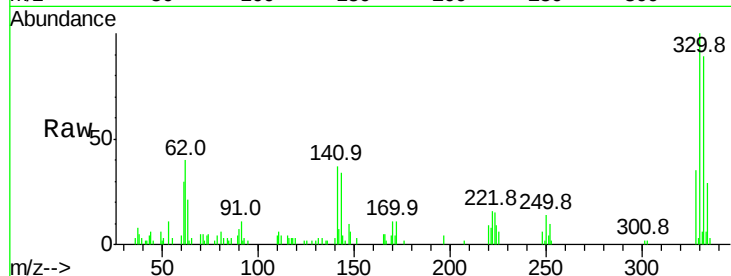




#41
 2,4,6-Tribromophenol
 Concen: 5.796 ng
 RT: 16.26 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BG029354.D
 Acq: 19 Oct 2017 5:47

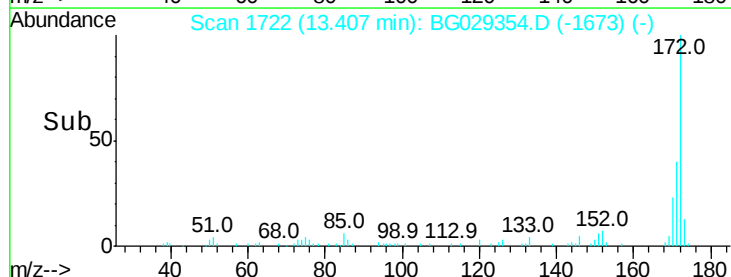
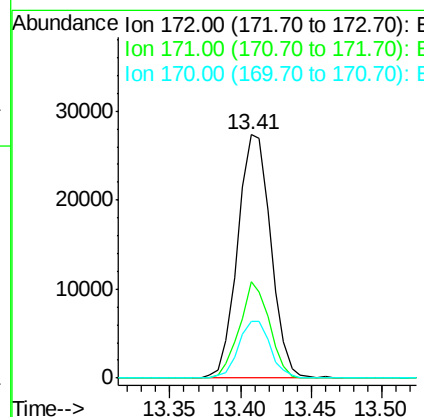
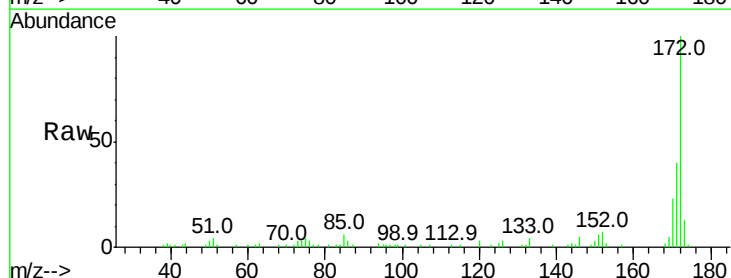
Instrument :
 BNA_G
 ClientSampleId :

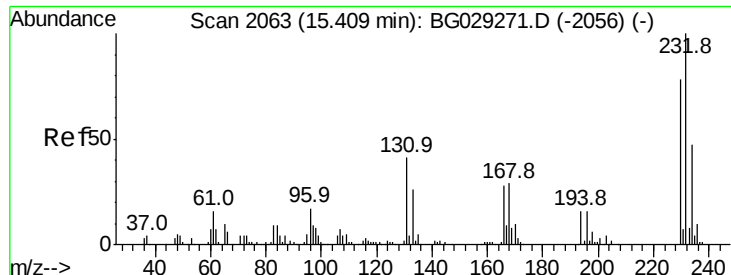
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	34.0	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 3.822 ng
 RT: 13.41 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BG029354.D
 Acq: 19 Oct 2017 5:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.5	30.0	45.0
170	23.4	19.5	29.3





#58

2,3,4,6-Tetrachlorophenol

Concen: 2.286 ng

RT: 15.40 min Scan# 2061

Delta R.T. -0.01 min

Lab File: BG029354.D

Acq: 19 Oct 2017 5:47

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 7704

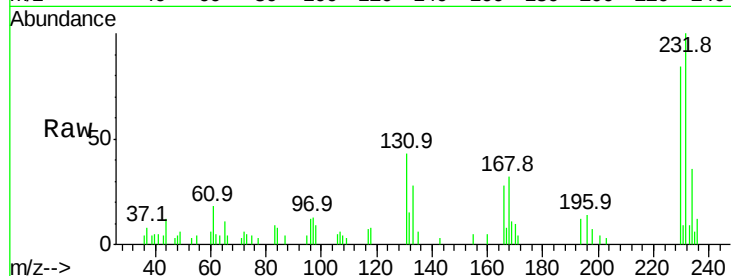
Ion Ratio Lower Upper

232 100

131 42.1 33.5 50.3

130 0.0 2.2 3.2#

166 30.4 24.8 37.2

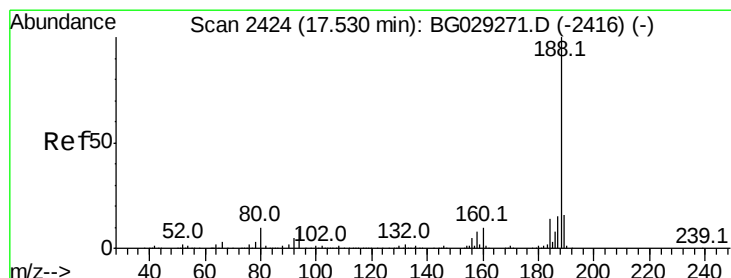
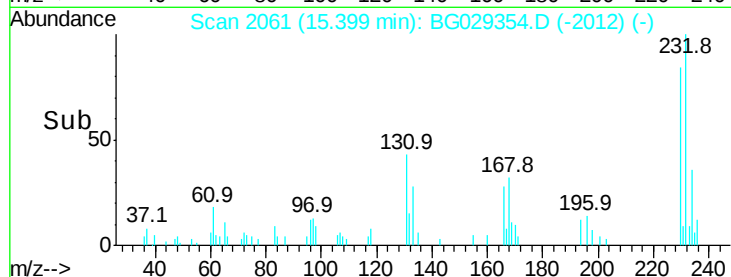
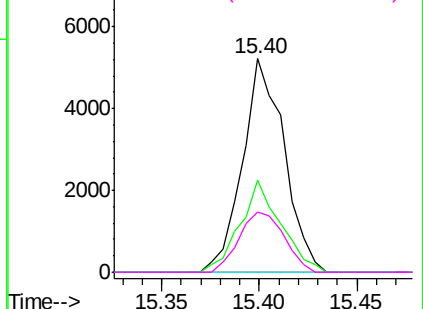


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BG029354.D

Acq: 19 Oct 2017 5:47

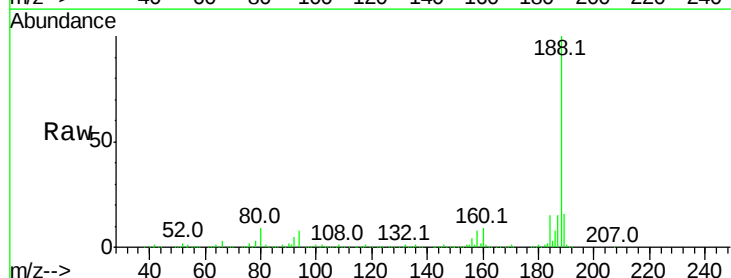
Tgt Ion:188 Resp: 440619

Ion Ratio Lower Upper

188 100

94 7.9 6.9 10.3

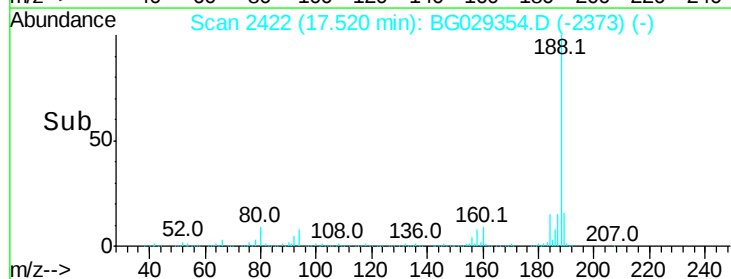
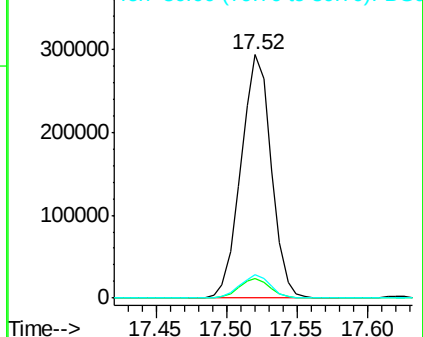
80 9.4 7.7 11.5

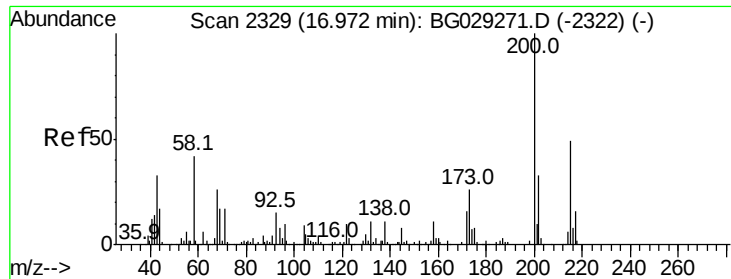


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

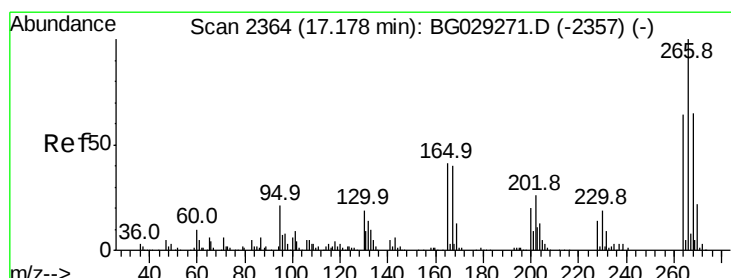
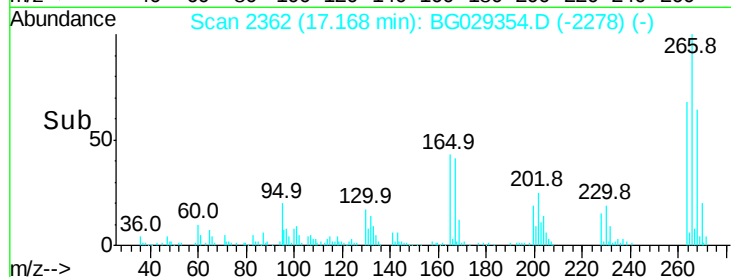
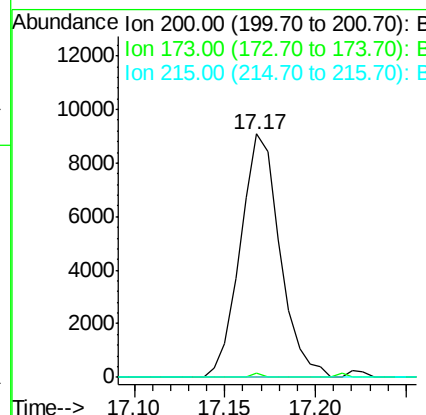
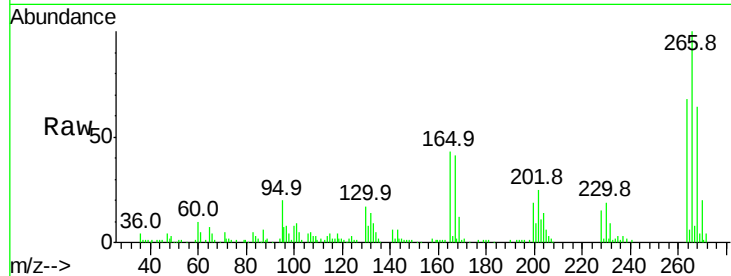




#68
 Atrazine
 Concen: 2.930 ng
 RT: 17.17 min Scan# 2362
 Delta R.T. 0.20 min
 Lab File: BG029354.D
 Acq: 19 Oct 2017 5:47

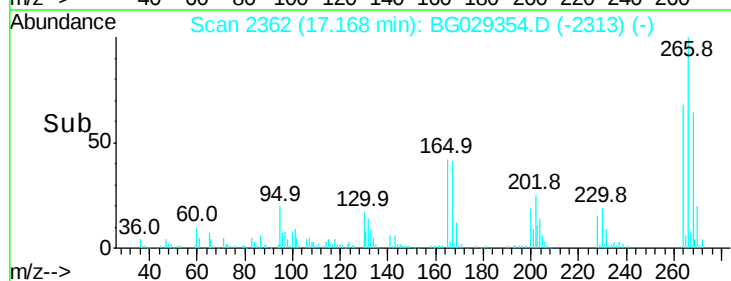
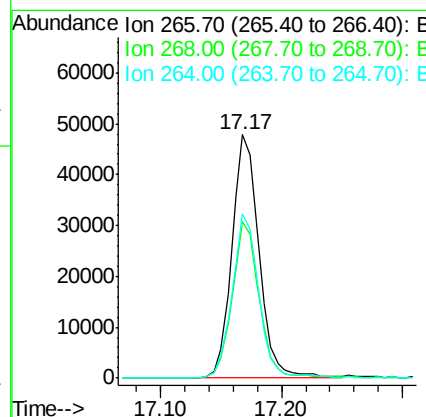
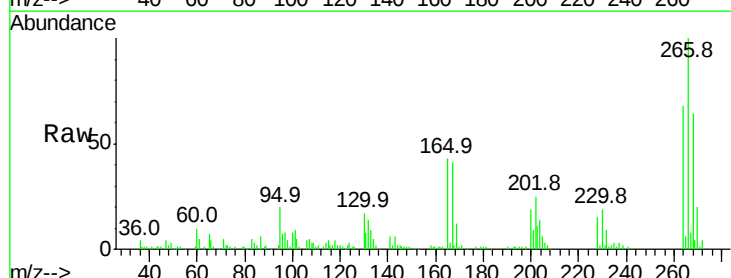
Instrument :
 BNA_G
 ClientSampleId :

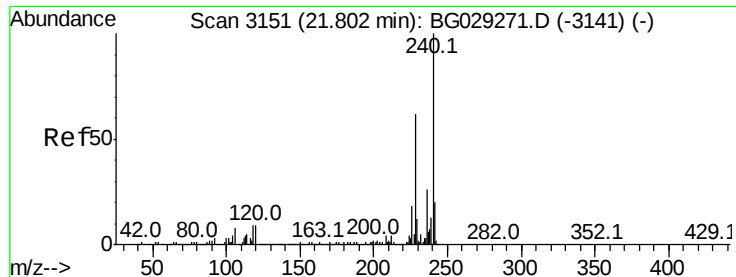
Tot Ion	Ratio	Lower	Upper
200	100		
173	1.7	5.2	45.2#
215	0.0	30.4	70.4#



#69
 Pentachlorophenol
 Concen: 22.720 ng
 RT: 17.17 min Scan# 2362
 Delta R.T. -0.01 min
 Lab File: BG029354.D
 Acq: 19 Oct 2017 5:47

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.5	51.1	76.7
264	67.6	49.6	74.4





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG029354.D

Acq: 19 Oct 2017 5:47

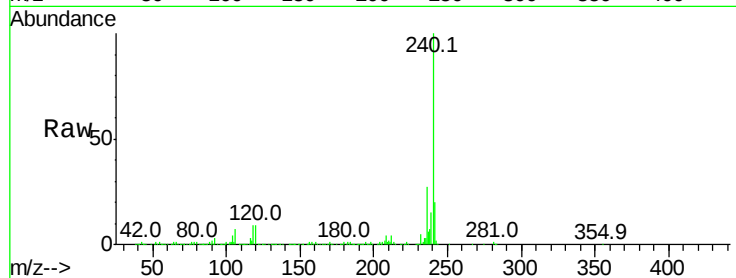
Instrument :

BNA_G

ClientSampleId :

Tot Ion:240 Resp: 518945

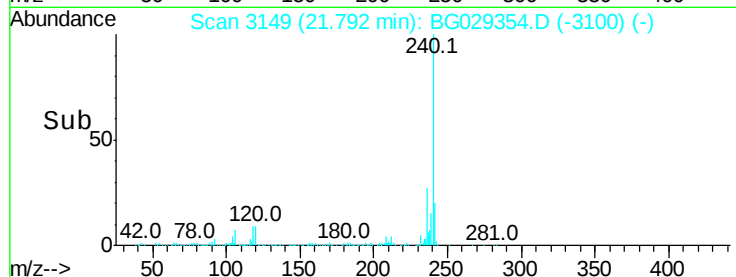
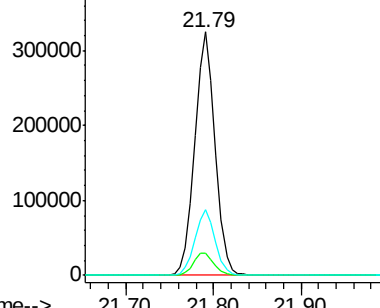
Ion	Ratio	Lower	Upper
240	100		
120	9.1	6.8	10.2
236	27.1	20.9	31.3



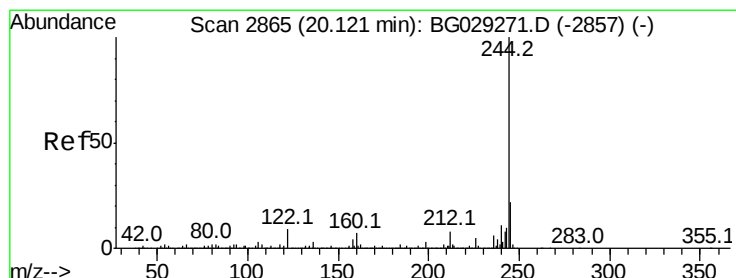
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 3.718 ng

RT: 20.11 min Scan# 2863

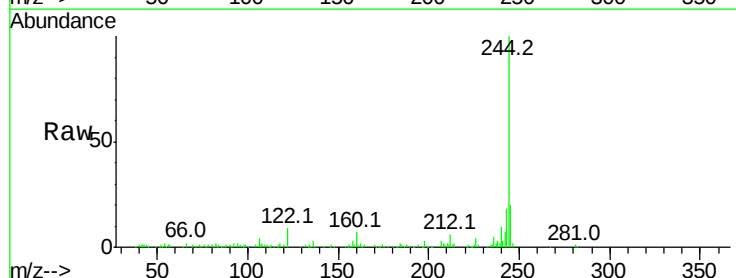
Delta R.T. -0.01 min

Lab File: BG029354.D

Acq: 19 Oct 2017 5:47

Tgt Ion:244 Resp: 84807

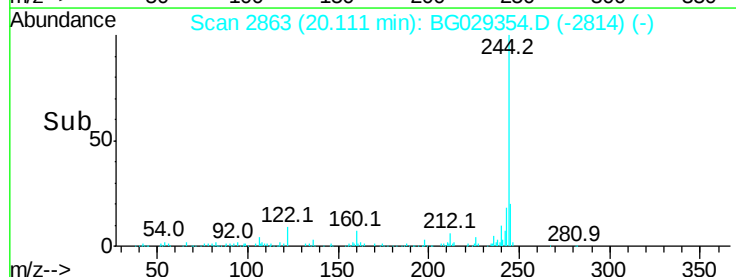
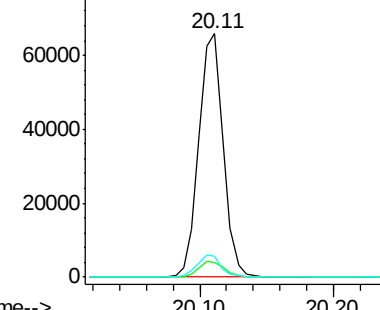
Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.8	8.8
122	8.5	7.0	10.4



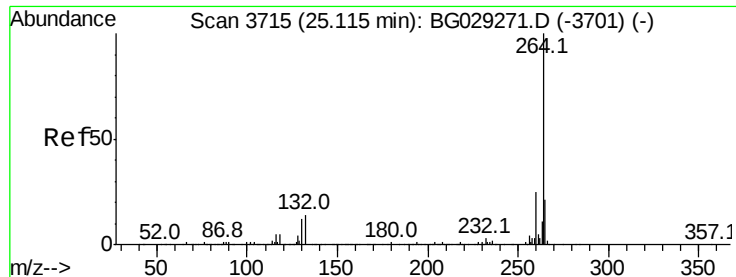
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



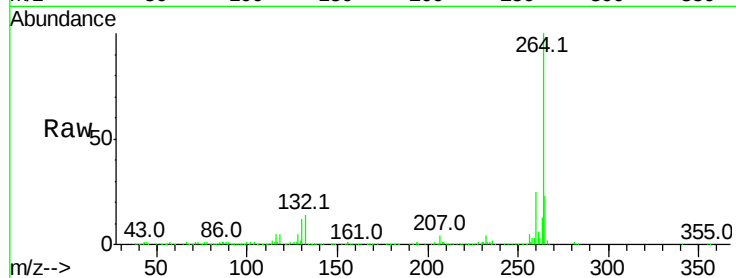
Time-->



#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.10 min Scan# 3712
 Delta R.T. -0.02 min
 Lab File: BG029354.D
 Acq: 19 Oct 2017 5:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	17.4	26.0
265	22.9	17.7	26.5



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

