

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110117\
 Data File : BG030634.D
 Acq On : 1 Nov 2017 14:18
 Operator : SJ/JU
 Sample : I6196-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 01 17:37:08 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

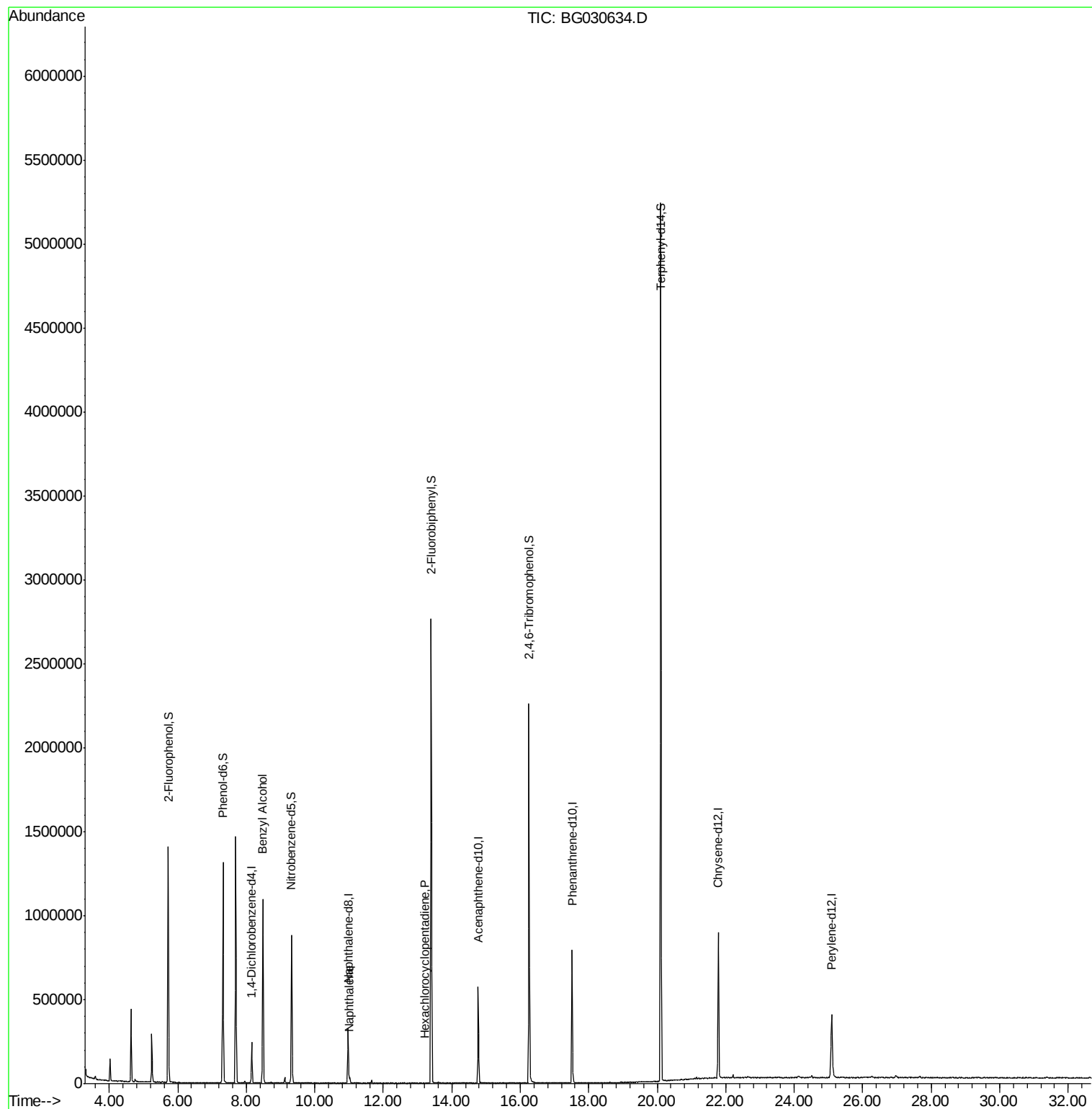
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	68565	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	301096	20.00	ng	-0.02
38) Acenaphthene-d10	14.77	164	202570	20.00	ng	-0.02
63) Phenanthrene-d10	17.51	188	482740	20.00	ng	-0.02
75) Chrysene-d12	21.78	240	533616	20.00	ng	-0.02
86) Perylene-d12	25.09	264	403255	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	648463	157.99	ng	0.00
7) Phenol-d6	7.32	99	799342	138.75	ng	0.00
23) Nitrobenzene-d5	9.32	82	547399	115.53	ng	-0.02
41) 2,4,6-Tribromophenol	16.26	330	471354	180.22	ng	-0.01
44) 2-Fluorobiphenyl	13.40	172	1488088	107.74	ng	-0.02
78) Terphenyl-d14	20.10	244	2337848	99.67	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.48	79	8531	2.101	ng	# 37
31) Naphthalene	11.02	128	33607	2.240	ng	95
40) Hexachlorocyclopentadiene	13.22	237	59	4.680	ng	# 22

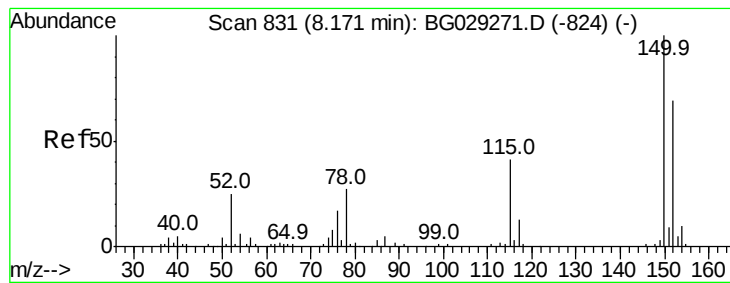
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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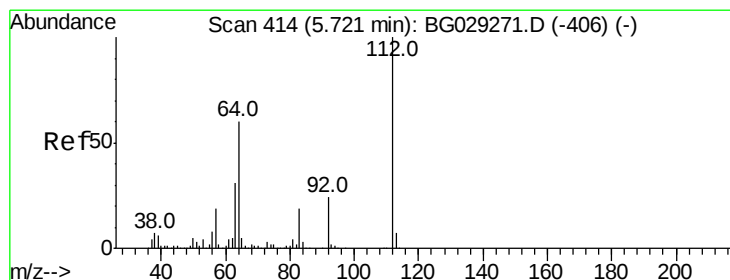
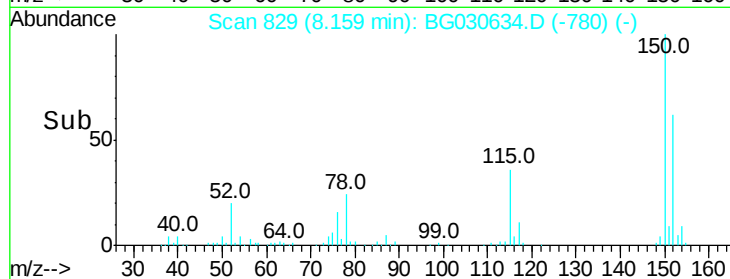
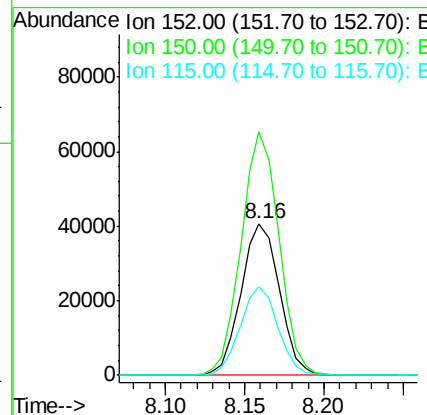
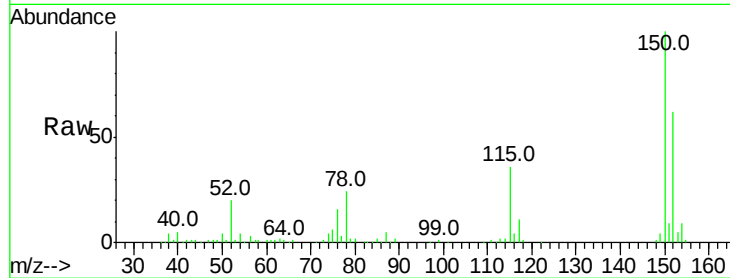


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 829
Delta R.T. -0.01 min
Lab File: BG030634.D
Acq: 1 Nov 2017 14:18

Instrument :
BNA_G
ClientSampled :

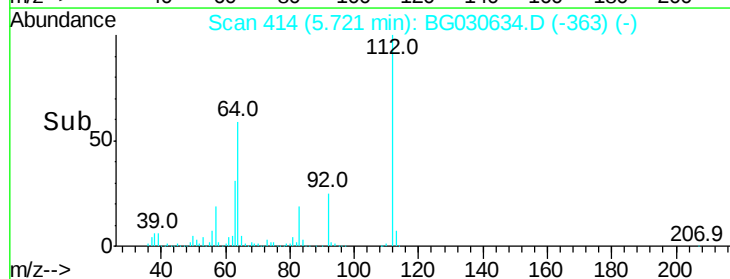
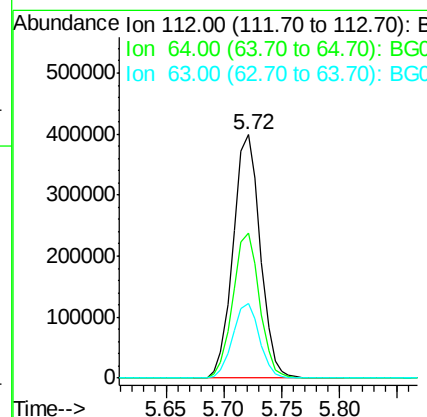
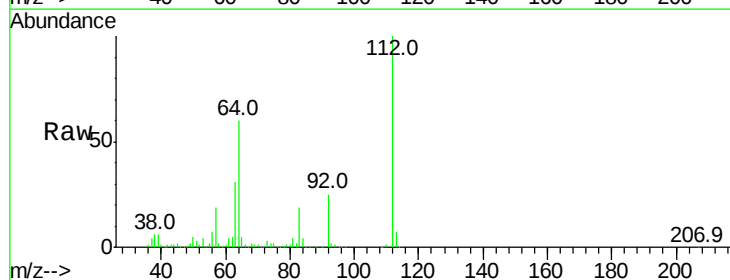
Tot Ion:152 Resp: 68565
Ion Ratio Lower Upper
152 100
150 160.3 126.6 189.8
115 58.3 53.0 79.4

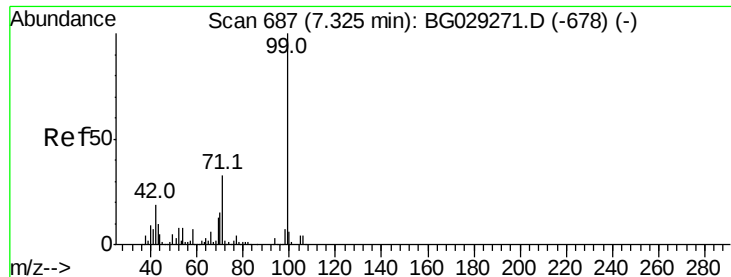


#5

2-Fluorophenol
Concen: 157.995 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG030634.D
Acq: 1 Nov 2017 14:18

Tgt Ion:112 Resp: 648463
Ion Ratio Lower Upper
112 100
64 59.6 56.3 84.5
63 30.8 30.1 45.1





#7

Phenol-d6

Concen: 138.749 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG030634.D

Acq: 1 Nov 2017 14:18

Instrument :

BNA_G

ClientSampleId :

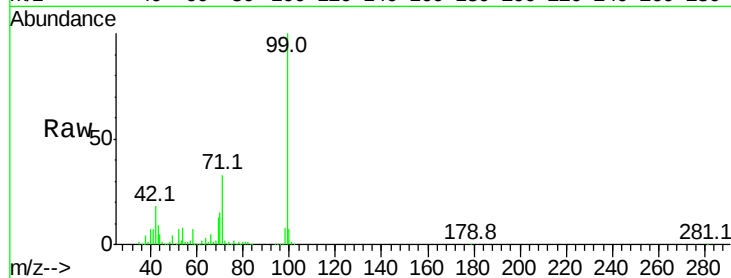
Tot Ion: 99 Resp: 799342

Ion Ratio Lower Upper

99 100

42 18.0 14.1 21.1

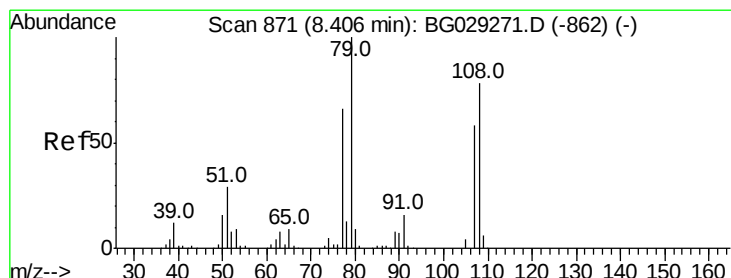
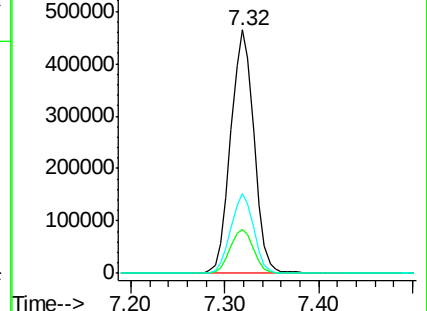
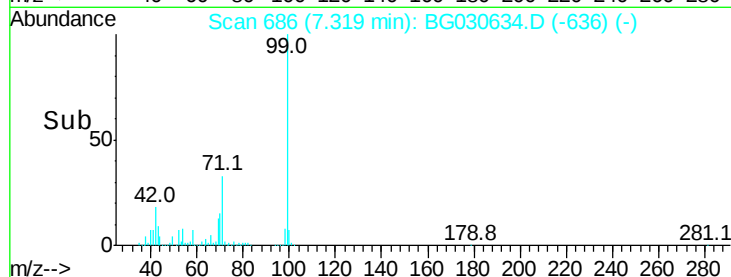
71 33.0 26.1 39.1



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



#15

Benzyl Alcohol

Concen: 2.101 ng

RT: 8.48 min Scan# 884

Delta R.T. 0.08 min

Lab File: BG030634.D

Acq: 1 Nov 2017 14:18

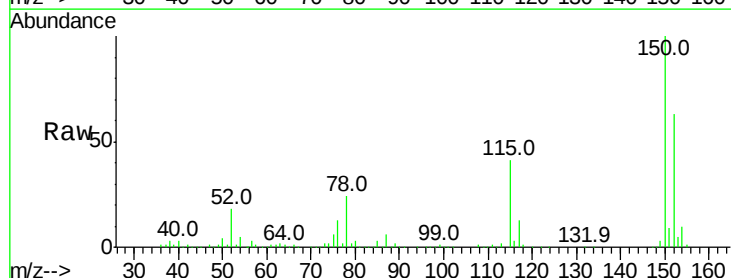
Tgt Ion: 79 Resp: 8531

Ion Ratio Lower Upper

79 100

108 39.9 57.2 85.8#

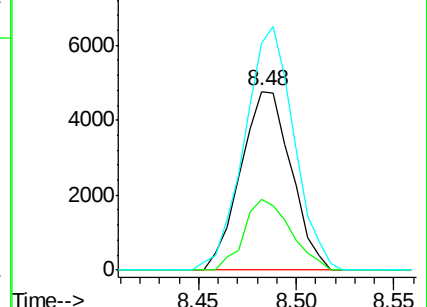
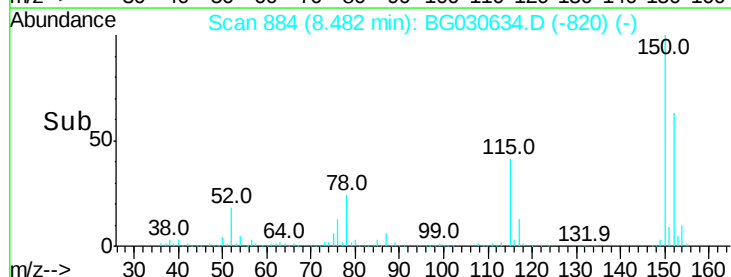
77 127.0 46.1 69.1#

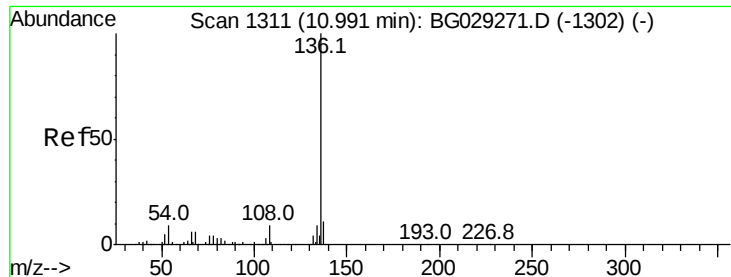


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

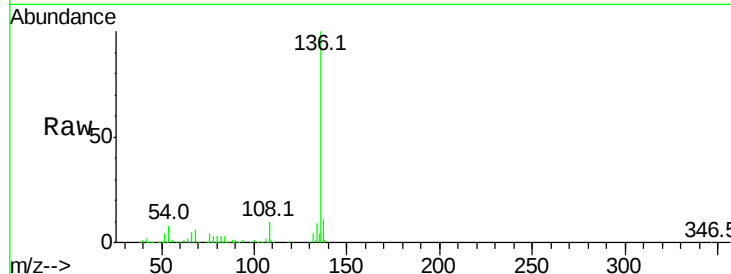




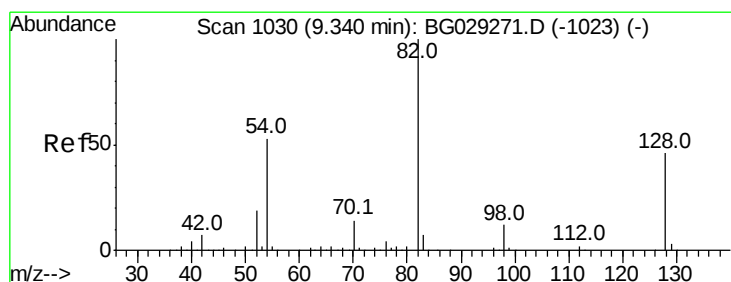
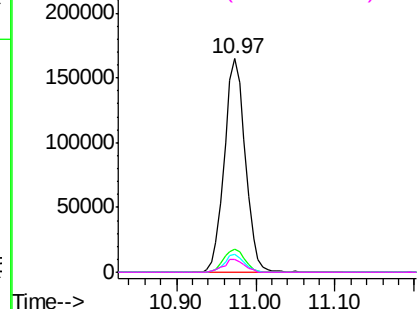
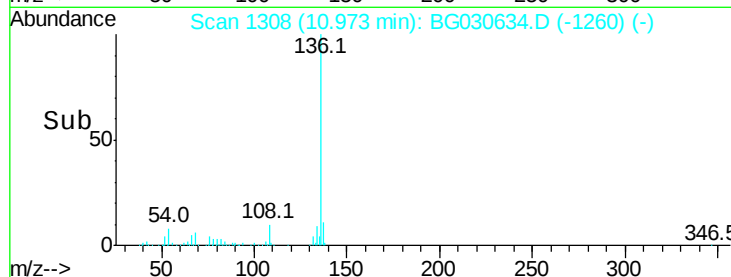
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BG030634.D
Acq: 1 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	301096
Ion	Ratio	Lower Upper
136	100	
137	10.6	9.2 13.8
54	8.1	10.3 15.5#
68	6.1	4.5 6.7

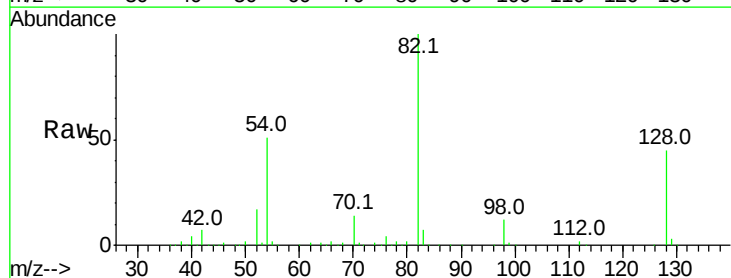


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

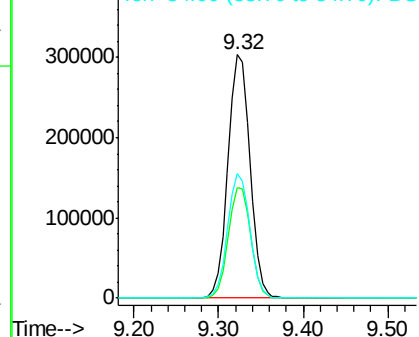
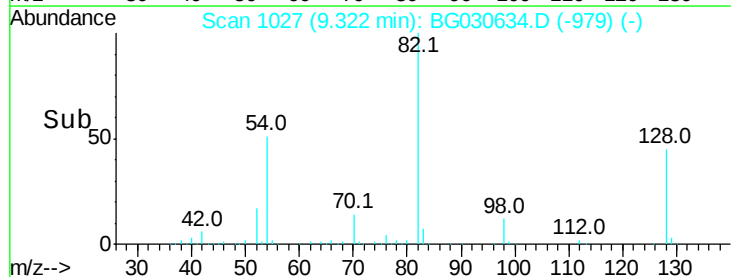


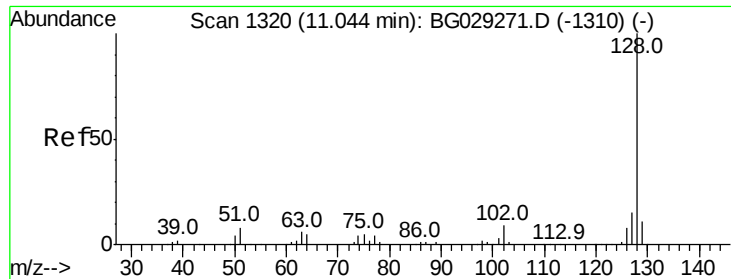
#23
Nitrobenzene-d5
Concen: 115.530 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG030634.D
Acq: 1 Nov 2017 14:18

Tgt Ion: 82	Resp:	547399
Ion	Ratio	Lower Upper
82	100	
128	45.4	29.7 44.5#
54	51.1	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

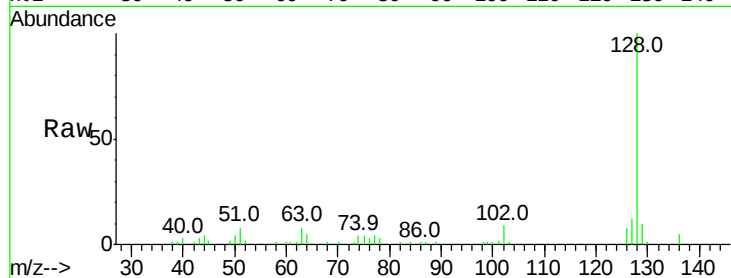




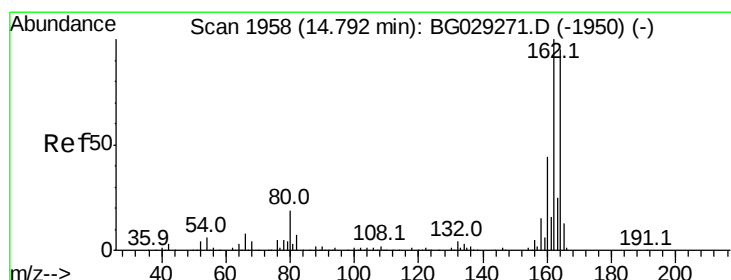
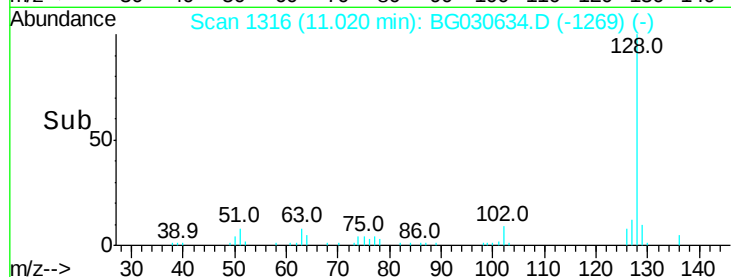
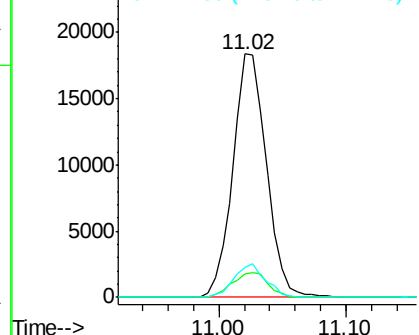
#31
Naphthalene
Concen: 2.240 ng
RT: 11.02 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BG030634.D
Acq: 1 Nov 2017 14:18

Instrument :
BNA_G
ClientSampled :

Tot Ion:128 Resp: 33607
Ion Ratio Lower Upper
128 100
129 9.5 8.6 12.8
127 12.2 11.6 17.4

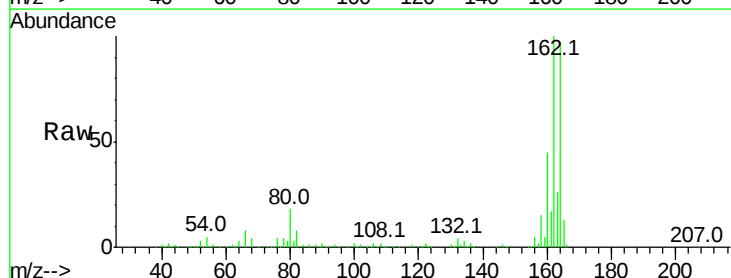


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

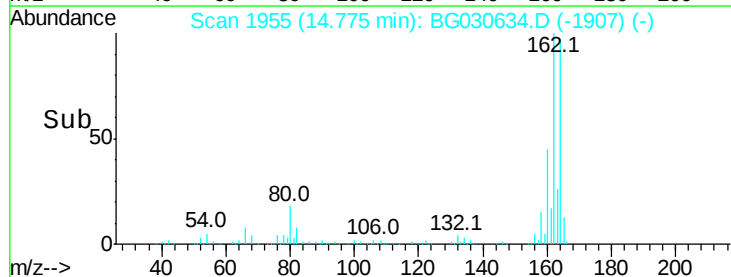
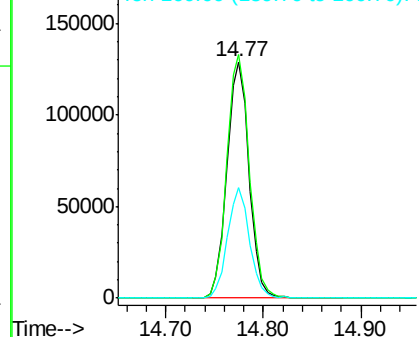


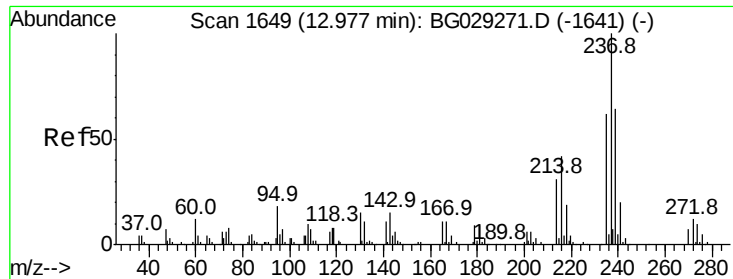
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1955
Delta R.T. -0.02 min
Lab File: BG030634.D
Acq: 1 Nov 2017 14:18

Tgt Ion:164 Resp: 202570
Ion Ratio Lower Upper
164 100
162 103.2 78.8 118.2
160 46.9 35.4 53.0



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

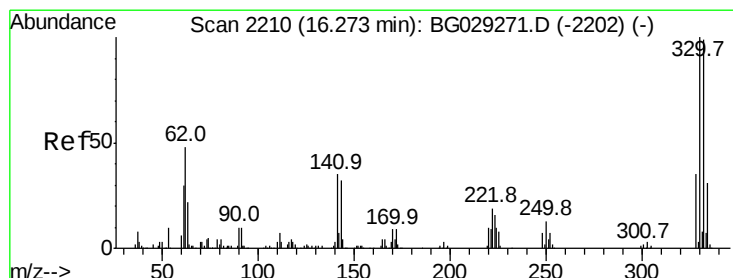
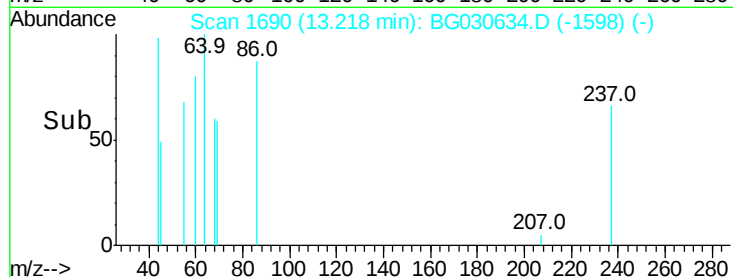
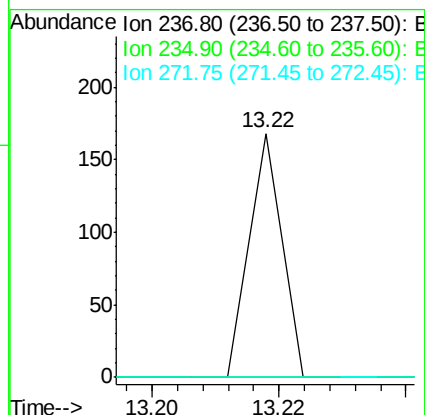
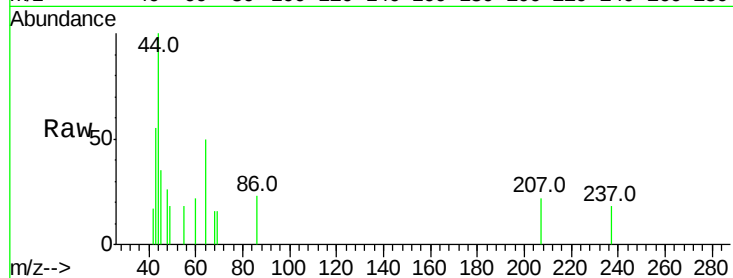




#40
Hexachlorocyclopentadiene
Concen: 4.680 ng
RT: 13.22 min Scan# 1690
Delta R.T. 0.24 min
Lab File: BG030634.D
Acq: 1 Nov 2017 14:18

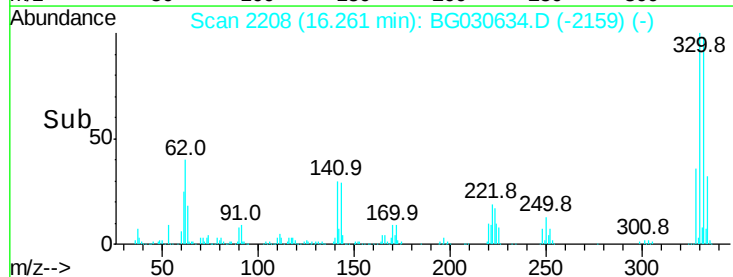
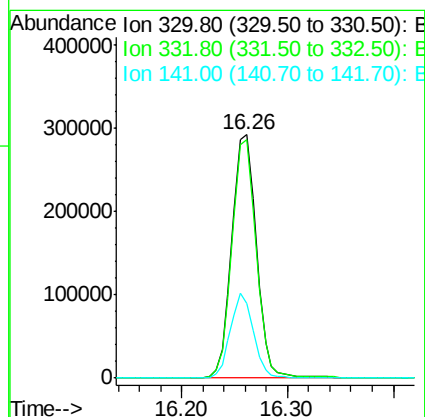
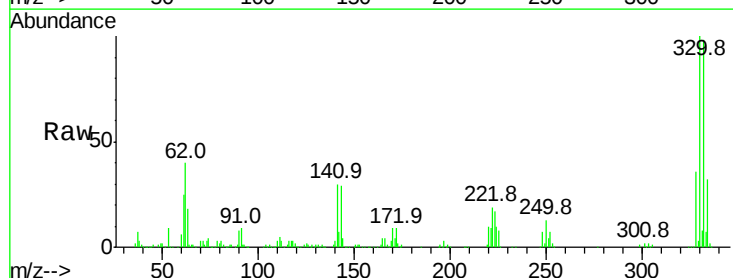
Instrument :
BNA_G
ClientSampleId :

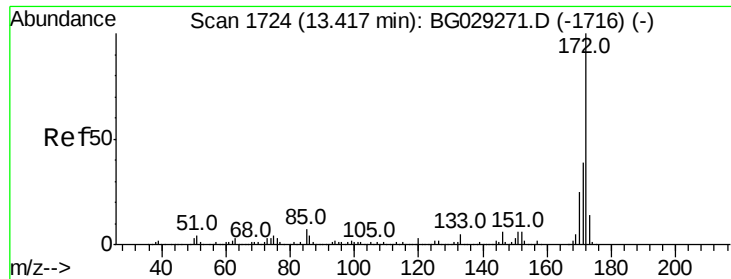
Tot Ion:237 Resp: 59
Ion Ratio Lower Upper
237 100
235 0.0 50.4 90.4#
272 0.0 0.0 31.8



#41
2,4,6-Tribromophenol
Concen: 180.223 ng
RT: 16.26 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BG030634.D
Acq: 1 Nov 2017 14:18

Tgt Ion:330 Resp: 471354
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.6
141 32.8 25.2 37.8



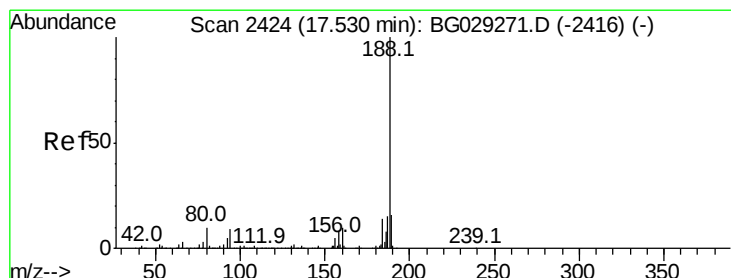
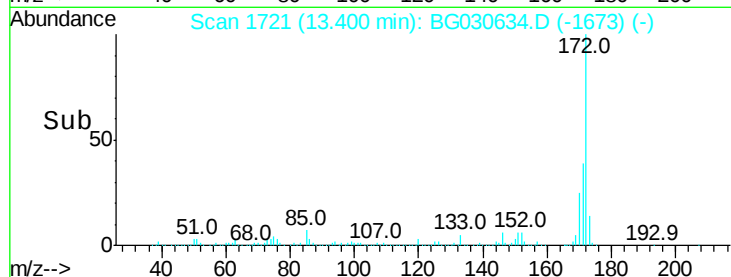
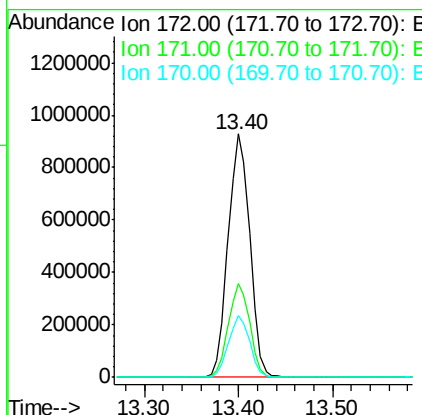
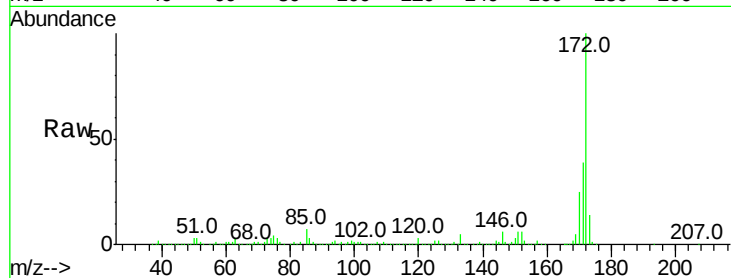


#44
 2-Fluorobiphenyl
 Concen: 107.741 ng
 RT: 13.40 min Scan# 1721
 Delta R.T. -0.02 min
 Lab File: BG030634.D
 Acq: 1 Nov 2017 14:18

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1488088

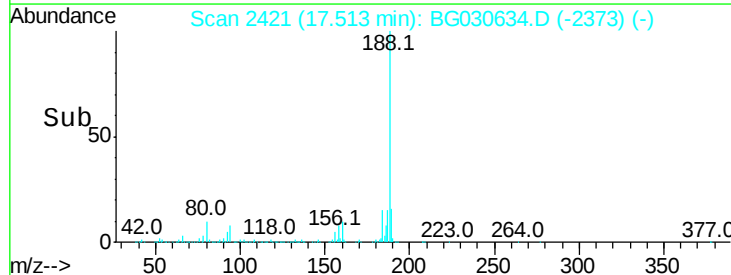
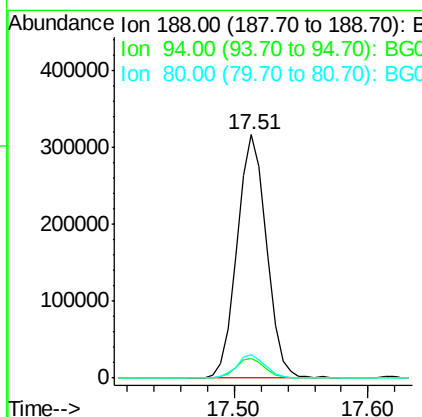
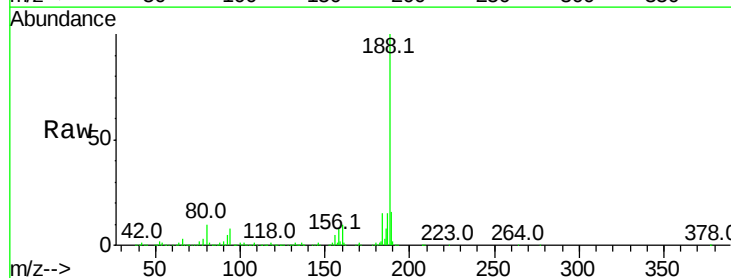
Ion	Ratio	Lower	Upper
172	100		
171	38.7	30.0	45.0
170	25.1	19.5	29.3

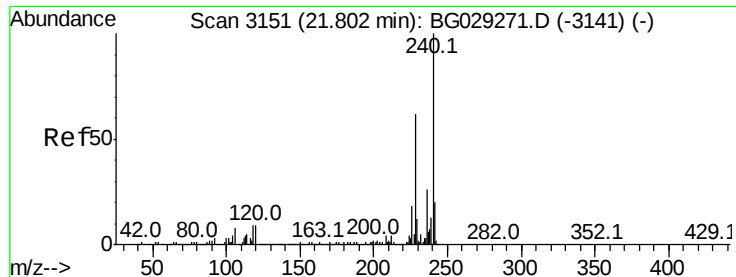


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.51 min Scan# 2421
 Delta R.T. -0.02 min
 Lab File: BG030634.D
 Acq: 1 Nov 2017 14:18

Tgt Ion:188 Resp: 482740

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.9	10.3
80	9.7	7.7	11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3148

Delta R.T. -0.02 min

Lab File: BG030634.D

Acq: 1 Nov 2017 14:18

Instrument :

BNA_G

ClientSampleId :

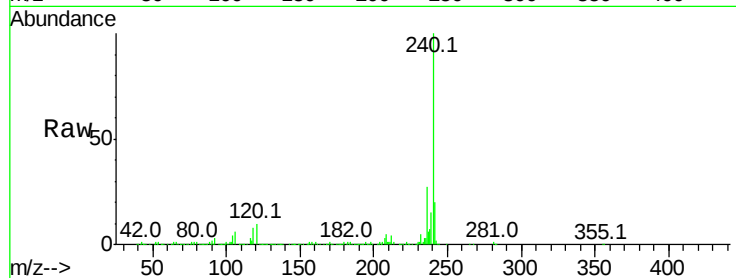
Tot Ion:240 Resp: 533616

Ion Ratio Lower Upper

240 100

120 9.6 6.8 10.2

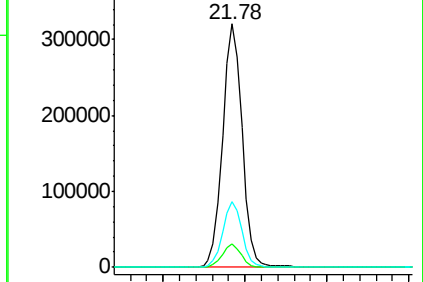
236 27.2 20.9 31.3



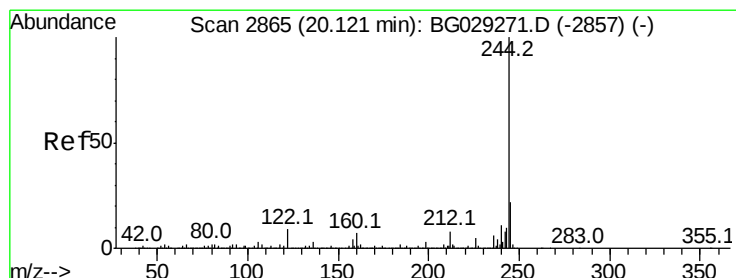
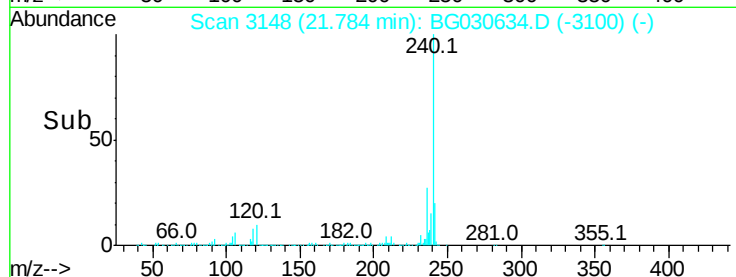
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 99.668 ng

RT: 20.10 min Scan# 2862

Delta R.T. -0.02 min

Lab File: BG030634.D

Acq: 1 Nov 2017 14:18

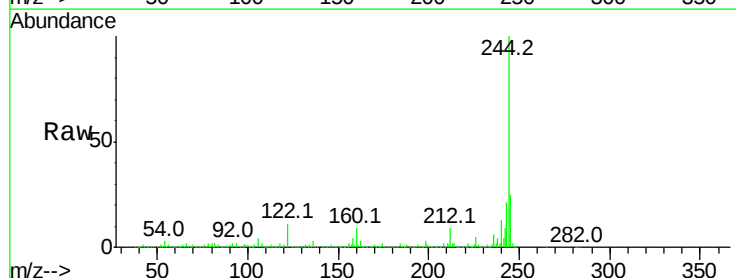
Tgt Ion:244 Resp: 2337848

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

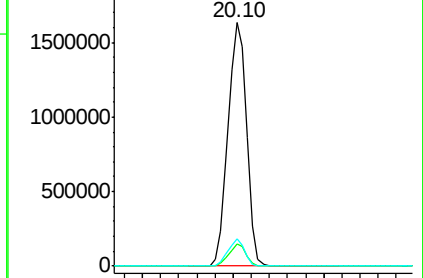
122 11.3 7.0 10.4#



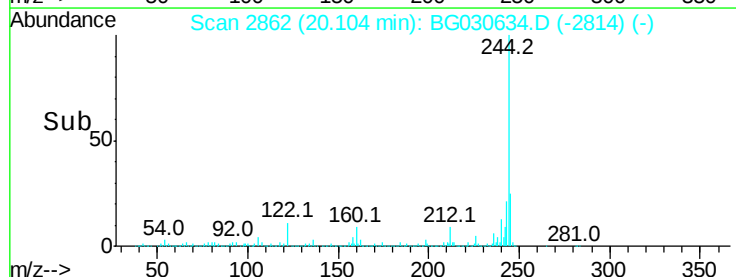
Abundance Ion 244.00 (243.70 to 244.70): E

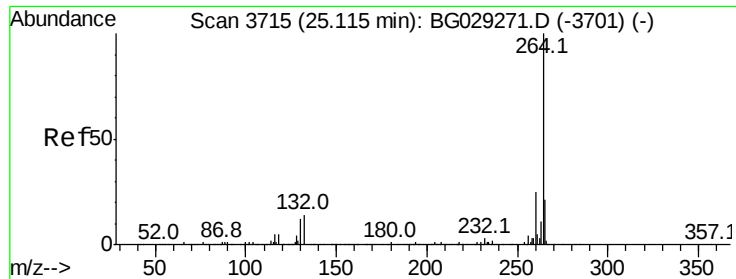
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

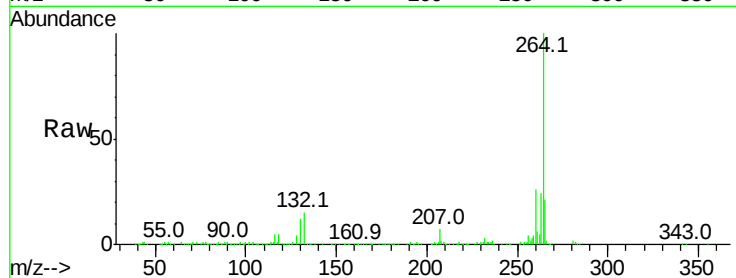




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3711
Delta R.T. -0.02 min
Lab File: BG030634.D
Acq: 1 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.6	17.4	26.0
265	20.9	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

