

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111517\
 Data File : BG031008.D
 Acq On : 15 Nov 2017 10:33
 Operator : SJ/JU
 Sample : I6441-24
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 15 14:14:32 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

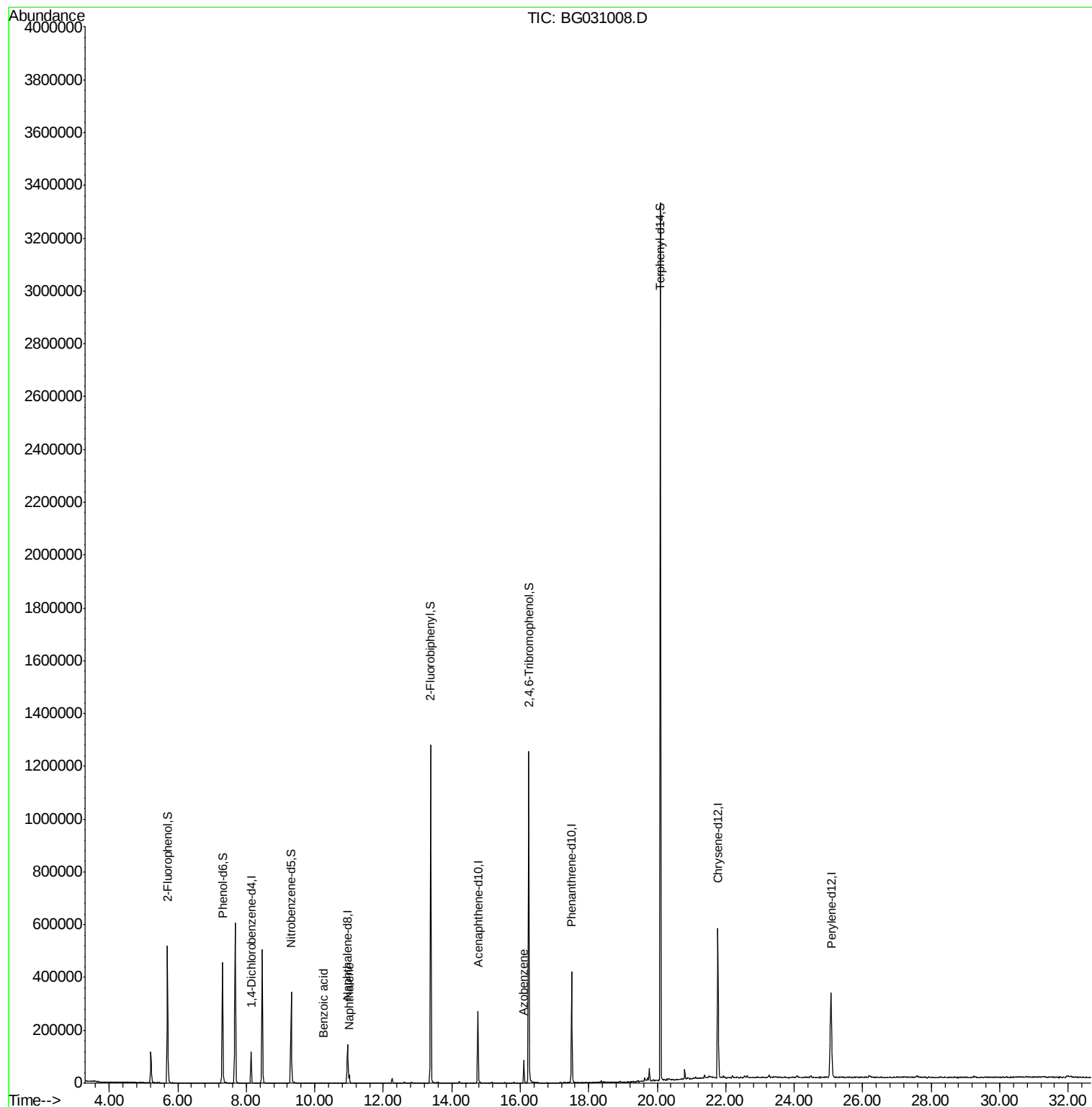
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	35259	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	143103	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	103901	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	292049	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	407405	20.00	ng	-0.01
86) Perylene-d12	25.07	264	410389	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	251379	122.25	ng	0.00
7) Phenol-d6	7.31	99	280785	101.36	ng	0.00
23) Nitrobenzene-d5	9.30	82	224376	92.91	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	300572	178.83	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	760680	105.20	ng	-0.01
78) Terphenyl-d14	20.09	244	1656366	89.77	ng	0.00
Target Compounds						
31) Naphthalene	11.01	128	28486	4.049	ng	98
32) Benzoic acid	10.26	122	137	5.737	ng	# 75
62) Azobenzene	16.10	77	24653	3.542	ng	# 1

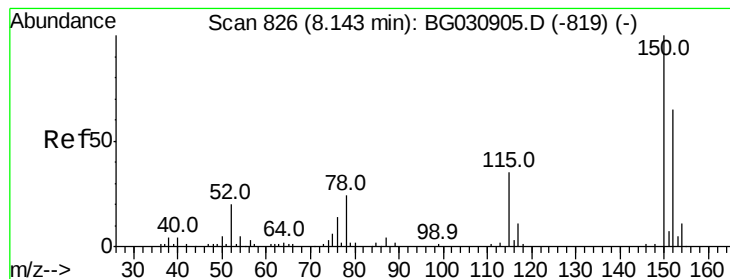
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111517\
Data File : BG031008.D
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BNA_G
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Quant Time: Nov 15 14:14:32 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration



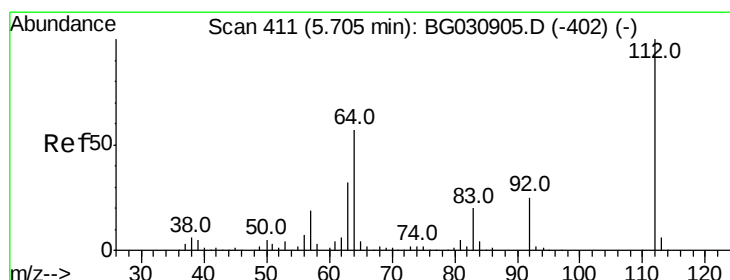
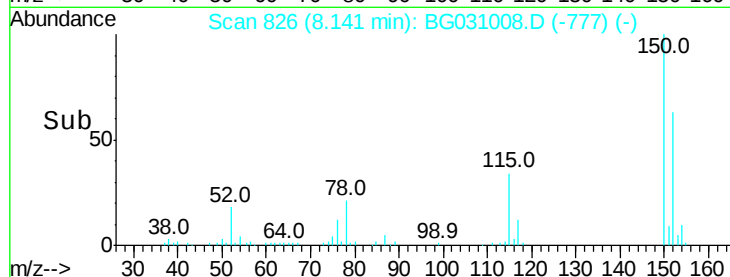
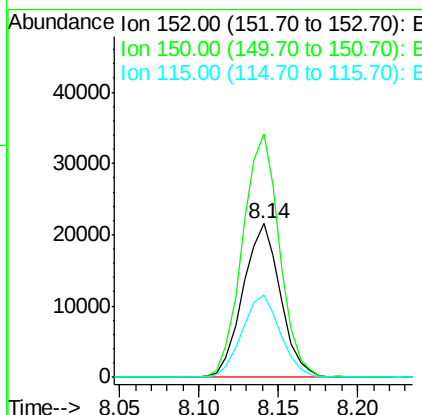
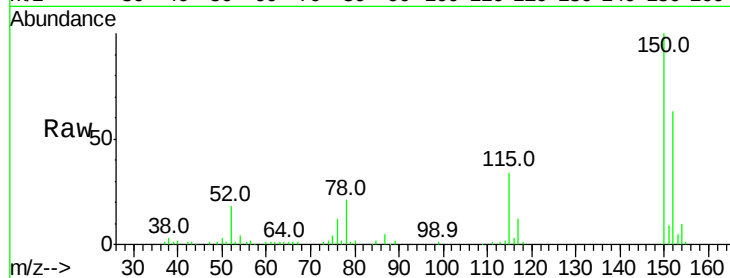


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG031008.D
Acq: 15 Nov 2017 10:33

Instrument :
BNA_G
ClientSampled :

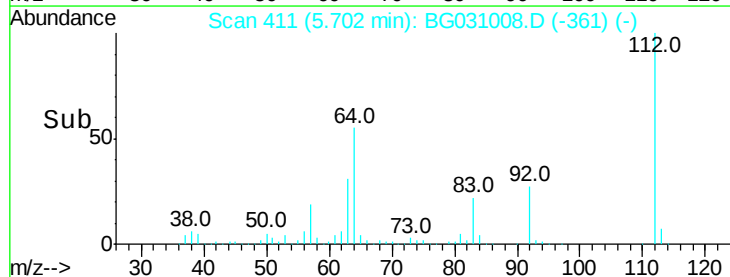
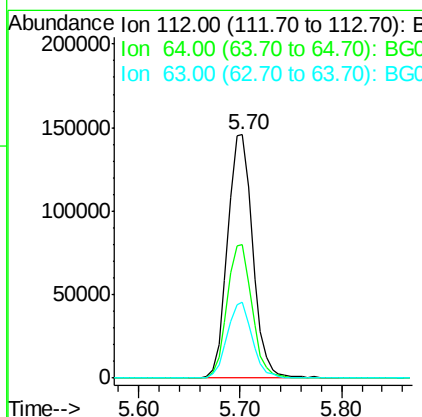
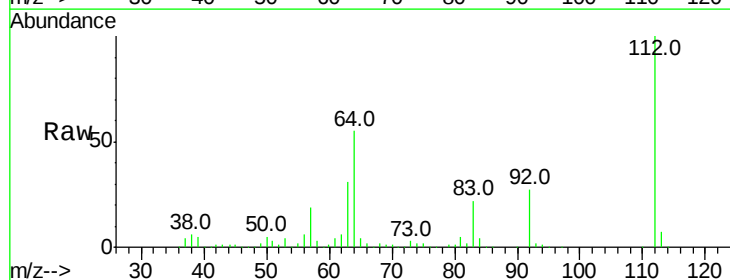
Tot Ion:152 Resp: 35259
Ion Ratio Lower Upper
152 100
150 158.4 126.6 189.8
115 53.2 53.0 79.4

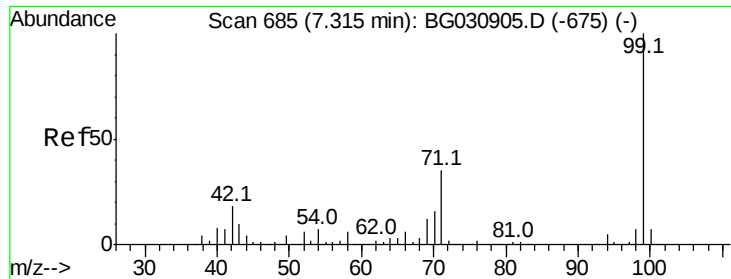


#5

2-Fluorophenol
Concen: 122.254 ng
RT: 5.70 min Scan# 411
Delta R.T. -0.01 min
Lab File: BG031008.D
Acq: 15 Nov 2017 10:33

Tgt Ion:112 Resp: 251379
Ion Ratio Lower Upper
112 100
64 54.7 56.3 84.5#
63 31.3 30.1 45.1





#7

Phenol-d6

Concen: 101.361 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG031008.D

Acq: 15 Nov 2017 10:33

Instrument :

BNA_G

ClientSampleId :

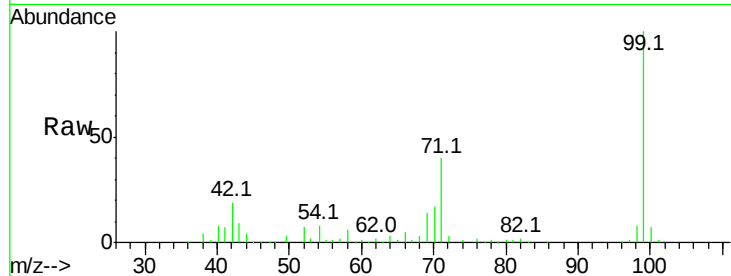
Tot Ion: 99 Resp: 280785

Ion Ratio Lower Upper

99 100

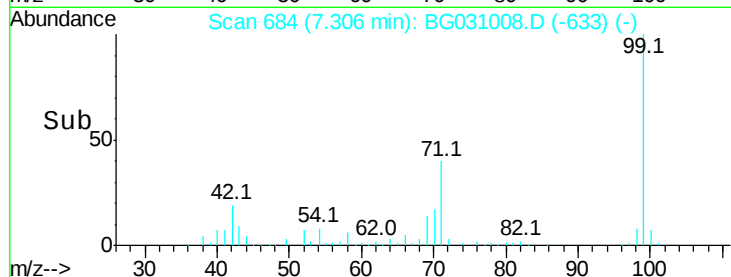
42 19.3 14.1 21.1

71 39.9 26.1 39.1#

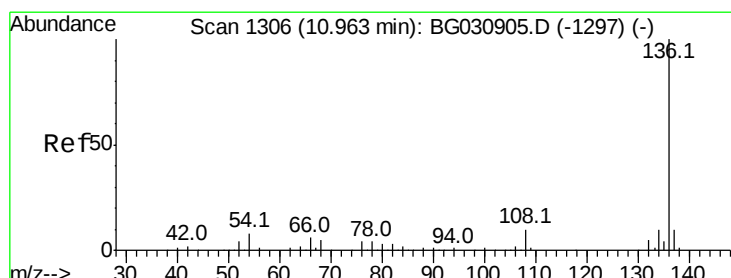


Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC

7.31



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.95 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG031008.D

Acq: 15 Nov 2017 10:33

Tgt Ion: 136 Resp: 143103

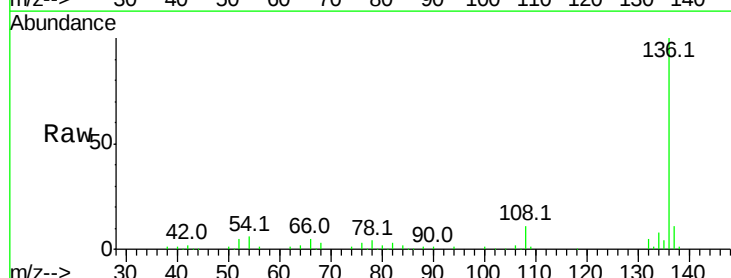
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

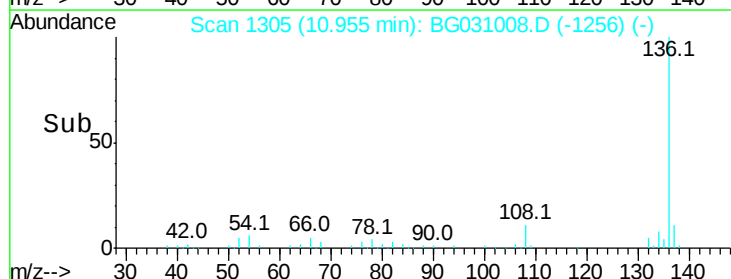
54 5.5 10.3 15.5#

68 3.5 4.5 6.7#

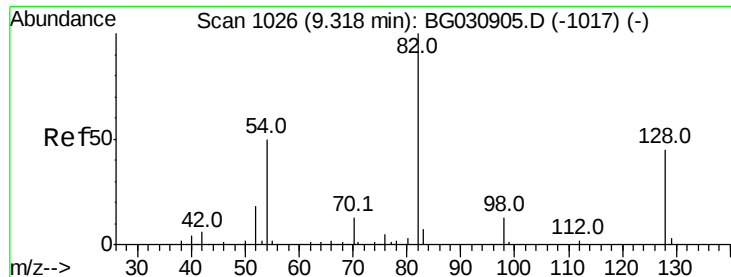


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

10.95



Time-->



#23

Nitrobenzene-d5

Concen: 92.910 ng

RT: 9.30 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BG031008.D

Acq: 15 Nov 2017 10:33

Instrument :

BNA_G

ClientSampleId :

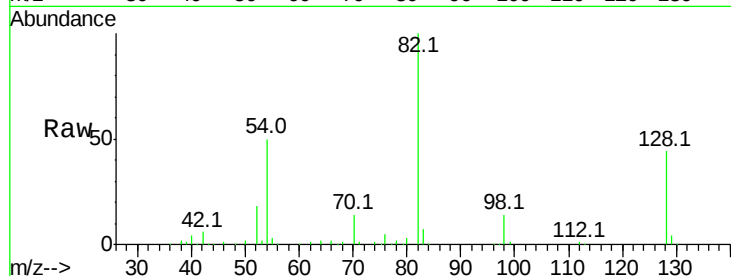
Tot Ion: 82 Resp: 224376

Ion Ratio Lower Upper

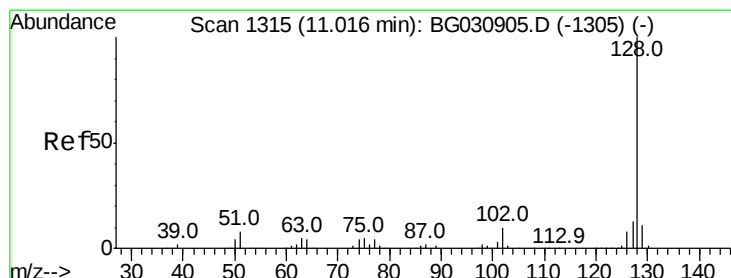
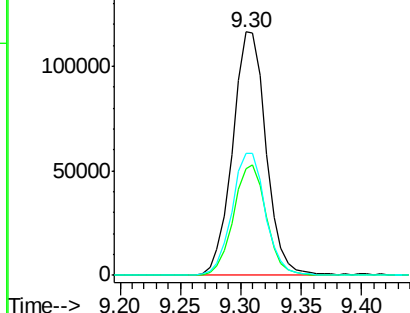
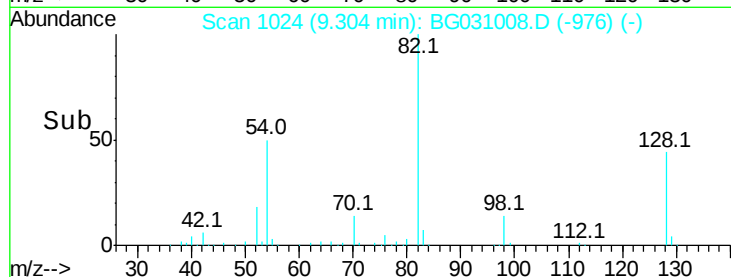
82 100

128 43.8 29.7 44.5

54 50.4 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: 4.049 ng

RT: 11.01 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BG031008.D

Acq: 15 Nov 2017 10:33

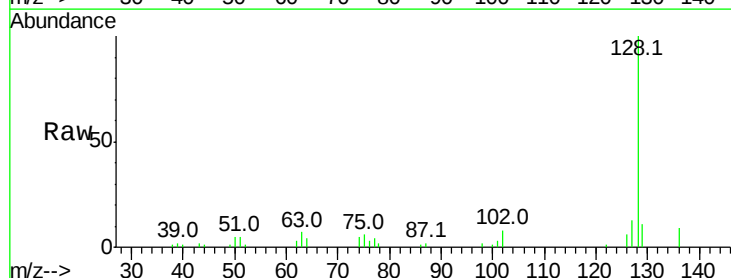
Tgt Ion: 128 Resp: 28486

Ion Ratio Lower Upper

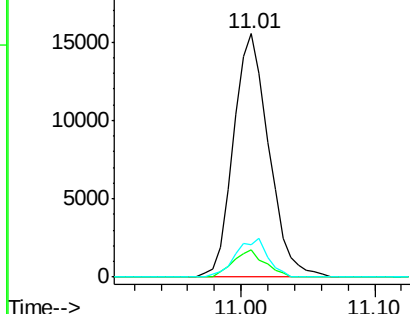
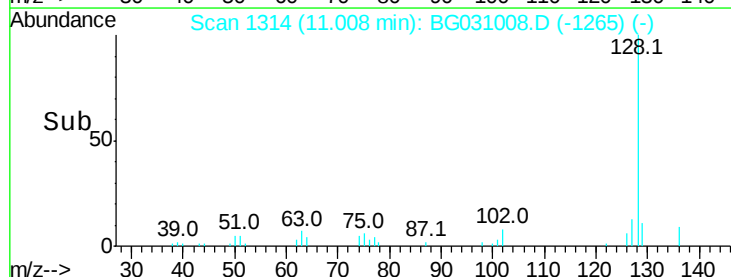
128 100

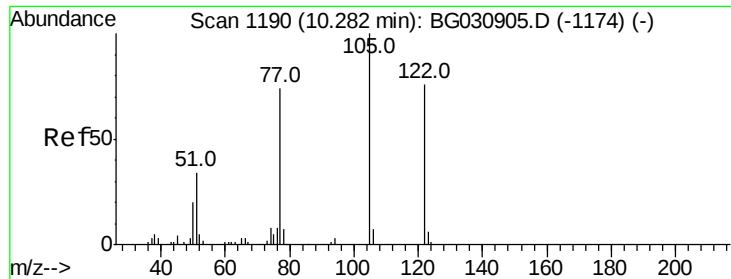
129 11.3 8.6 12.8

127 13.3 11.6 17.4



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

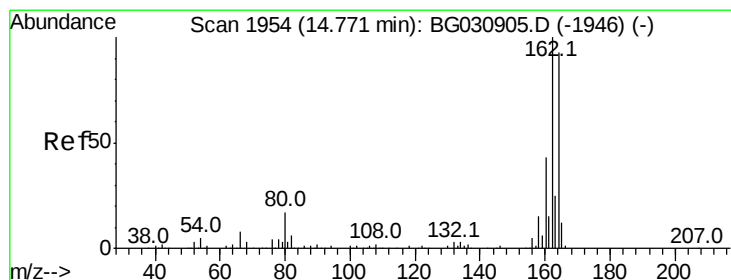
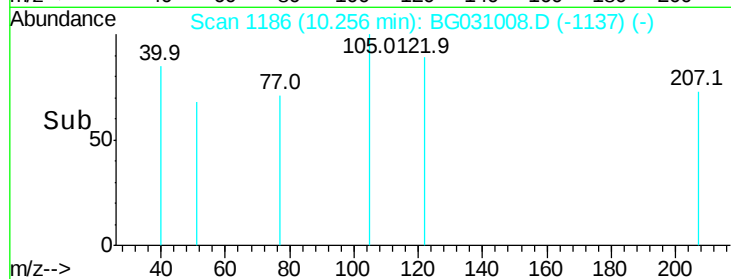
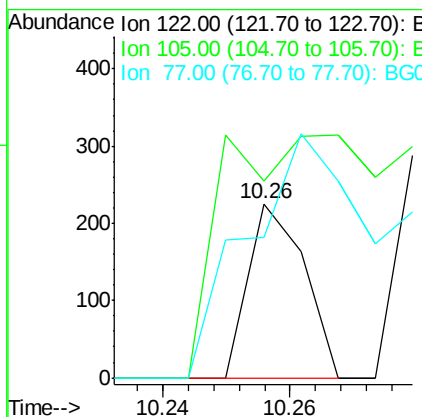
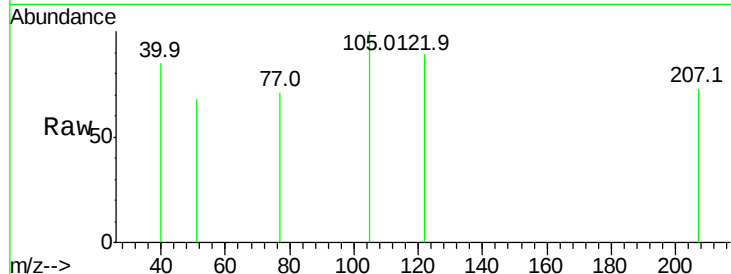




#32
Benzoic acid
Concen: 5.737 ng
RT: 10.26 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BG031008.D
Acq: 15 Nov 2017 10:33

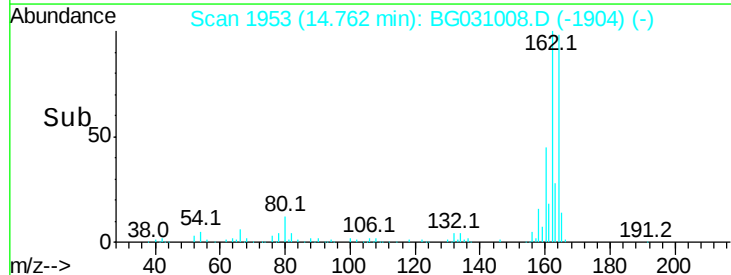
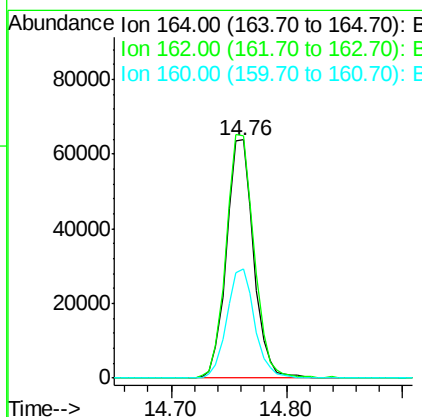
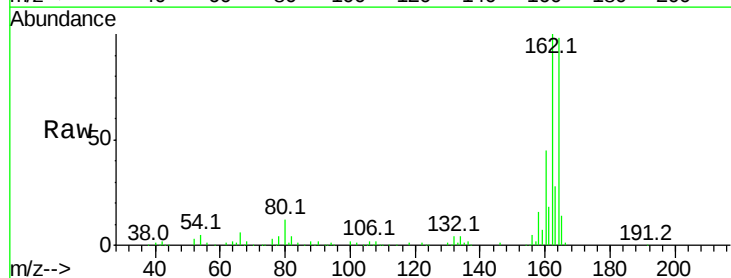
Instrument :
BNA_G
ClientSampleId :

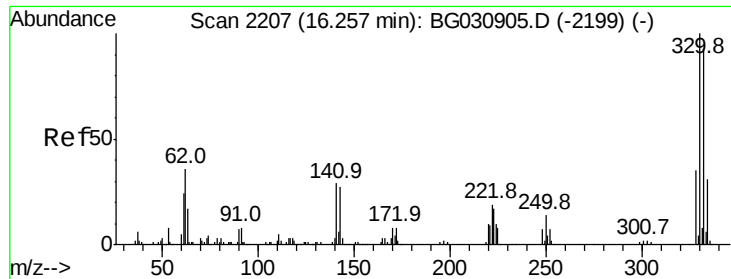
Tot Ion:122 Resp: 137
Ion Ratio Lower Upper
122 100
105 112.9 123.5 163.5#
77 80.4 85.7 125.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG031008.D
Acq: 15 Nov 2017 10:33

Tgt Ion:164 Resp: 103901
Ion Ratio Lower Upper
164 100
162 101.6 78.8 118.2
160 45.8 35.4 53.0

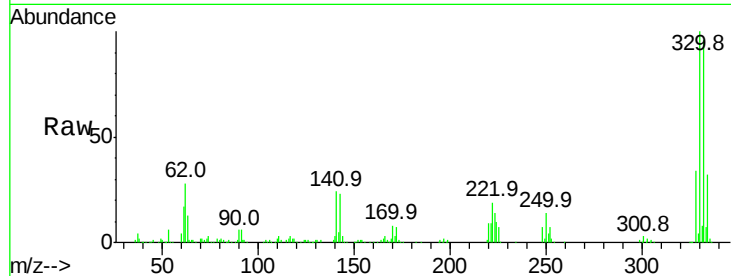




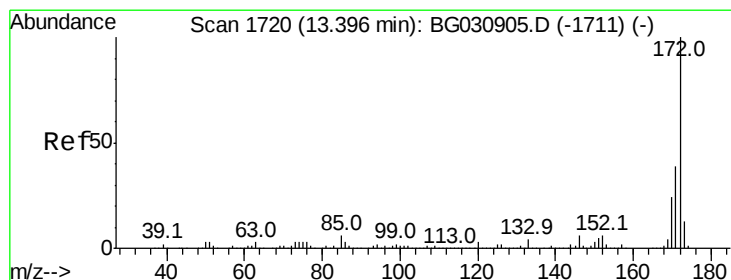
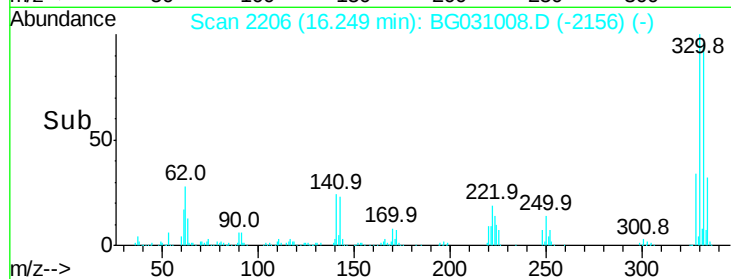
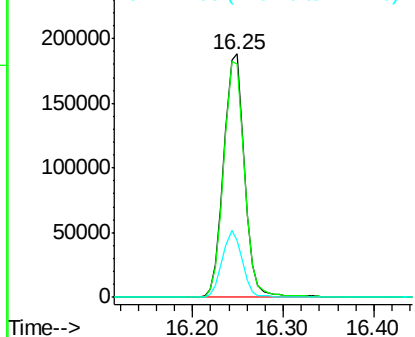
#41
 2,4,6-Tribromophenol
 Concen: 178.829 ng
 RT: 16.25 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BG031008.D
 Acq: 15 Nov 2017 10:33

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	26.7	25.2	37.8

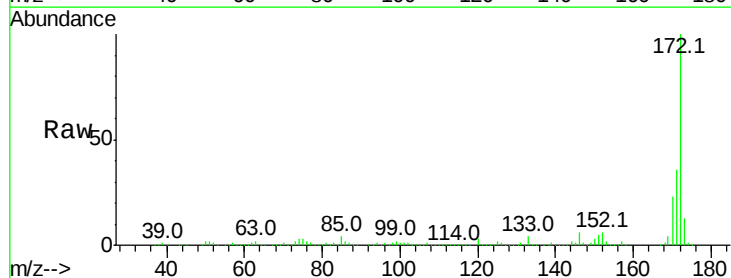


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

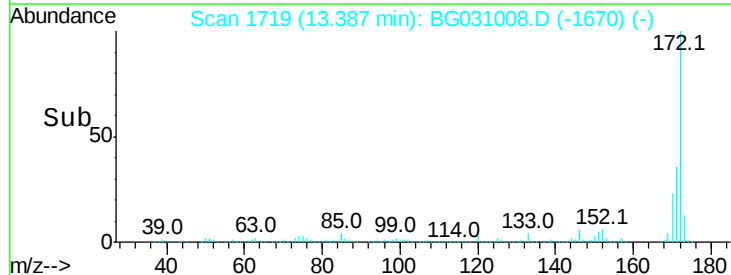
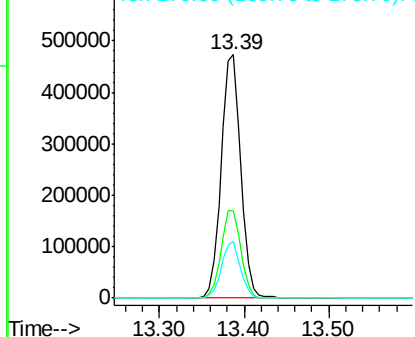


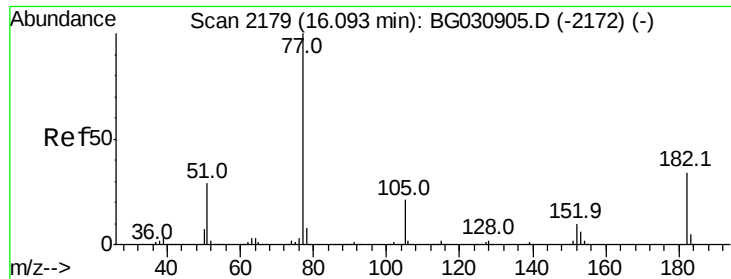
#44
 2-Fluorobiphenyl
 Concen: 105.198 ng
 RT: 13.39 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG031008.D
 Acq: 15 Nov 2017 10:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	30.0	45.0
170	23.3	19.5	29.3



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





#62

Azobenzene

Concen: 3.542 ng

RT: 16.10 min Scan# 2181

Delta R.T. 0.01 min

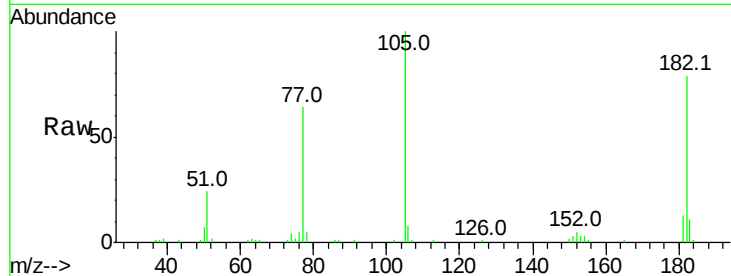
Lab File: BG031008.D

Acq: 15 Nov 2017 10:33

Instrument :

BNA_G

ClientSampleId :



Tot Ion: 77 Resp: 24653

Ion Ratio Lower Upper

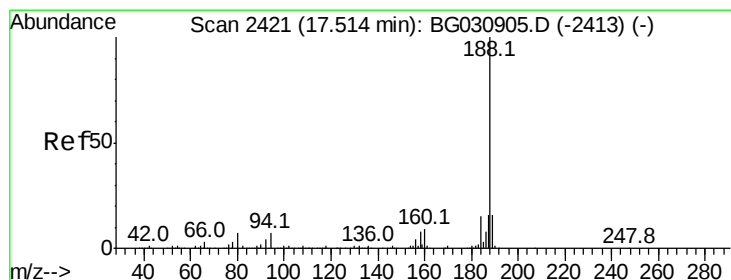
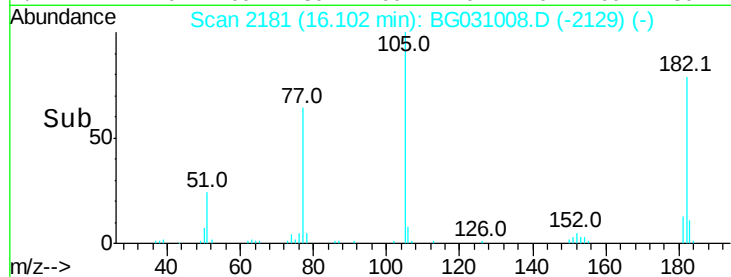
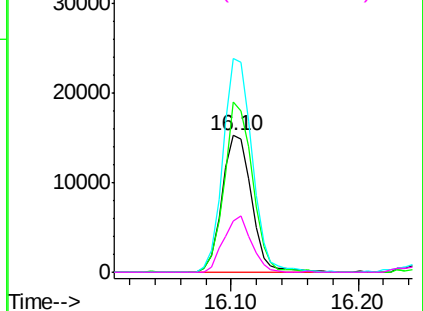
77 100

182 124.2 7.4 47.4#

105 156.3 0.3 40.3#

51 37.8 11.6 51.6

Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG031008.D

Acq: 15 Nov 2017 10:33

Tgt Ion: 188 Resp: 292049

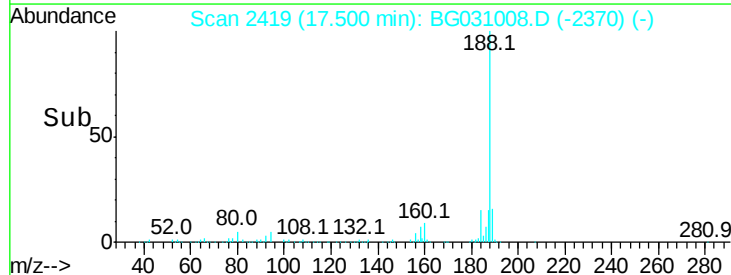
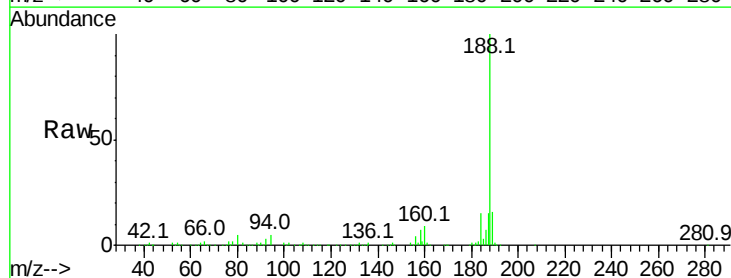
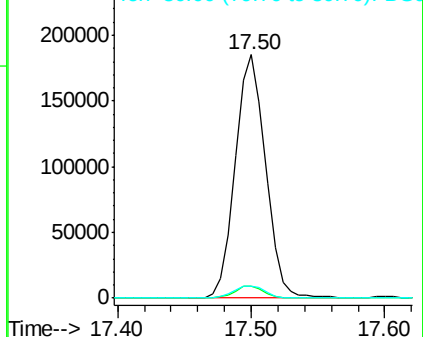
Ion Ratio Lower Upper

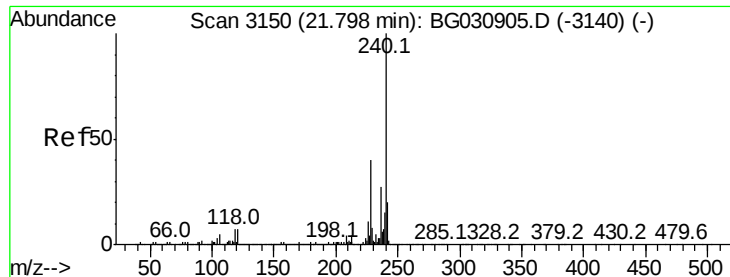
188 100

94 5.0 6.9 10.3#

80 4.8 7.7 11.5#

Abundance Ion 188.00 (187.70 to 188.70): BGC
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: 21.77 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG031008.D

Acq: 15 Nov 2017 10:33

Instrument :

BNA_G

ClientSampleId :

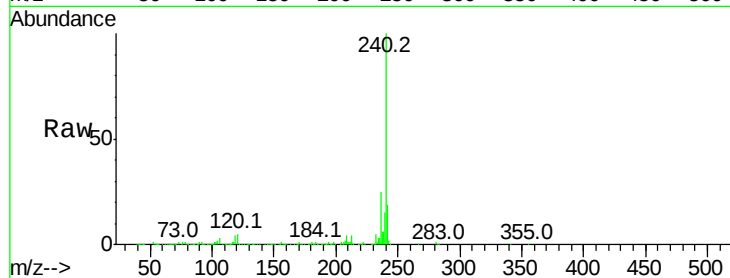
Tot Ion:240 Resp: 407405

Ion Ratio Lower Upper

240 100

120 4.9 6.8 10.2#

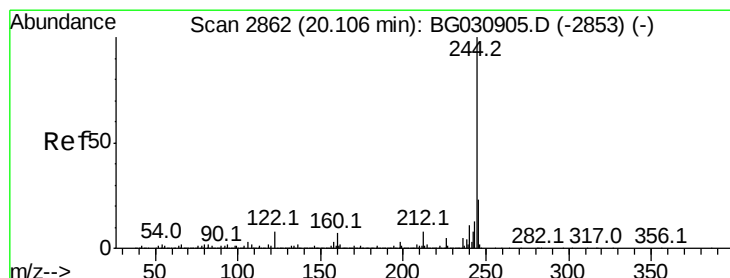
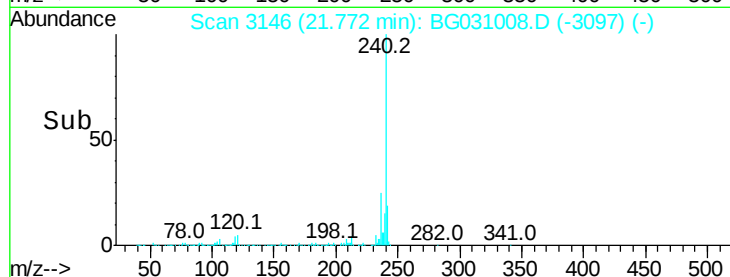
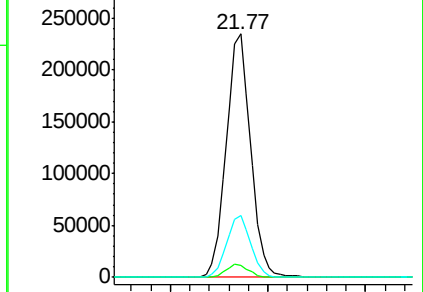
236 25.2 20.9 31.3



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



#78

Terphenyl-d14

Concen: 89.773 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG031008.D

Acq: 15 Nov 2017 10:33

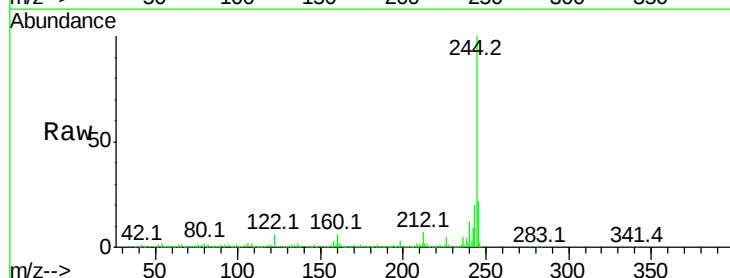
Tgt Ion:244 Resp: 1656366

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

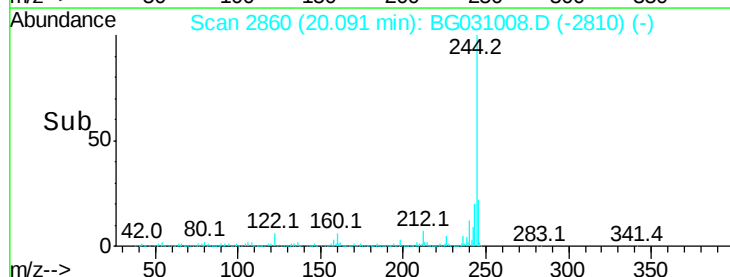
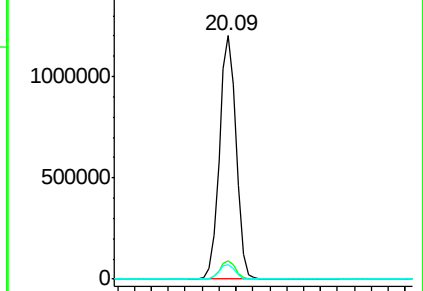
122 6.2 7.0 10.4#

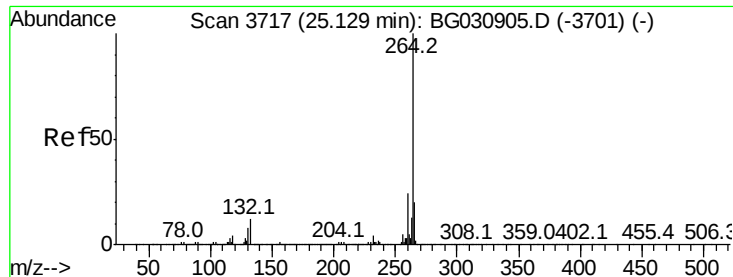


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.07 min Scan# 3708
 Delta R.T. -0.02 min
 Lab File: BG031008.D
 Acq: 15 Nov 2017 10:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	21.4	17.7	26.5

