

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071416\
 Data File : BG023108.D
 Acq On : 14 Jul 2016 19:34
 Operator : UM/SJ
 Sample : H4014-01DL 25X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SYSDIS-071216DL

Quant Time: Jul 15 13:05:48 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

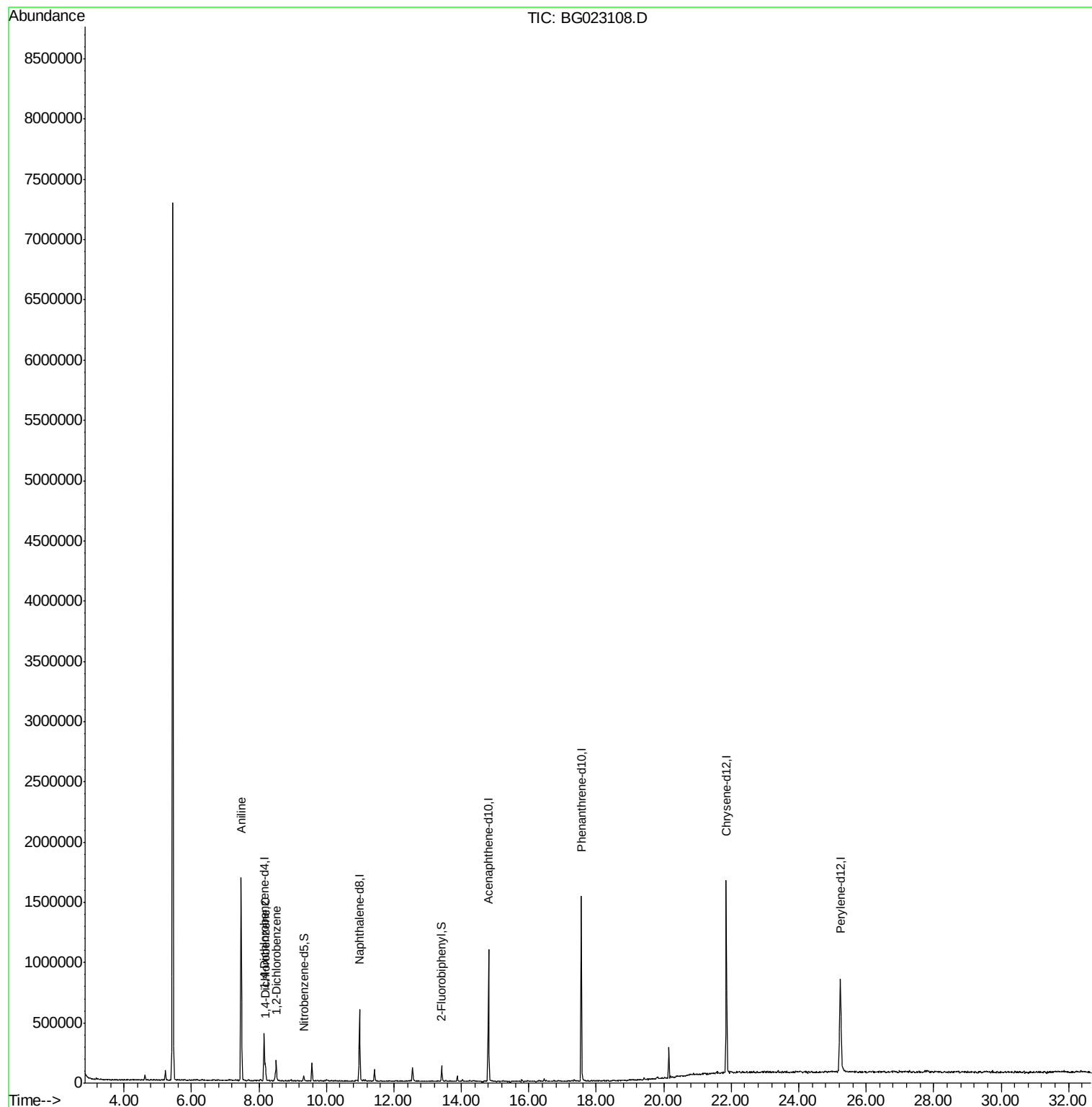
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	101558	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	473782	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	379607	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	924531	20.00	ng	0.00
75) Chrysene-d12	21.85	240	994319	20.00	ng	0.00
86) Perylene-d12	25.23	264	986650	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0d	0.00	ng	
7) Phenol-d6	7.31	99	1775	0.18	ng	0.00
23) Nitrobenzene-d5	9.33	82	26772	2.42	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	384	0.06	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	62248	2.58	ng	0.00
78) Terphenyl-d14	0.00	244	0d	0.00	ng	
Target Compounds						
6) Aniline	7.47	93	1057576	78.47	ng	Qvalue 97
13) 1,4-Dichlorobenzene	8.19	146	55865	6.90	ng	# 86
14) 1,2-Dichlorobenzene	8.51	146	65691	8.16	ng	93

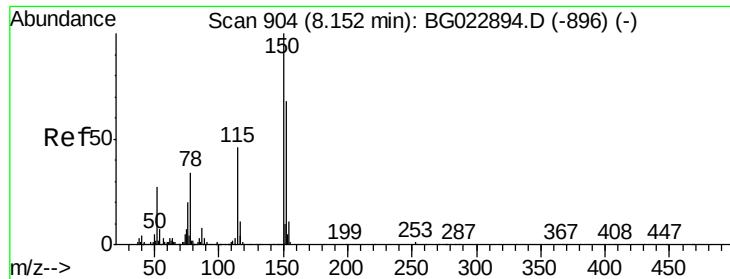
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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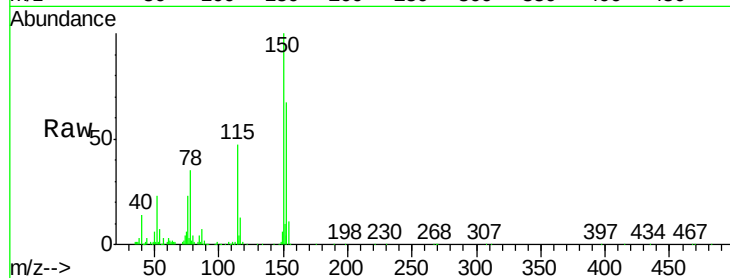




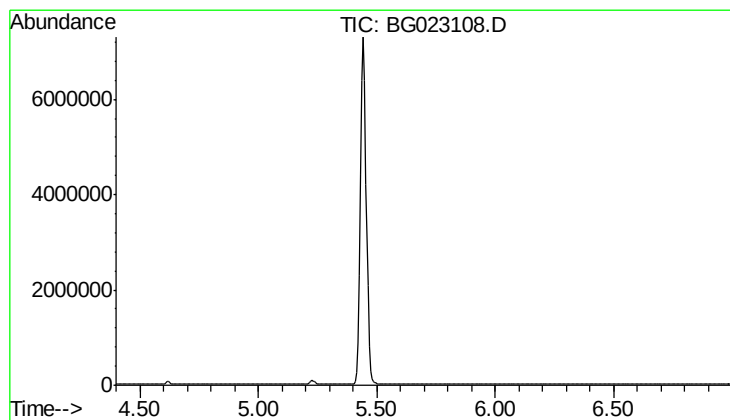
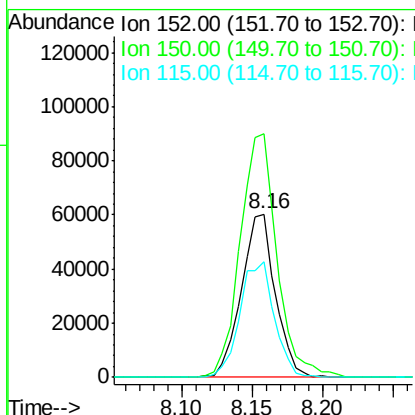
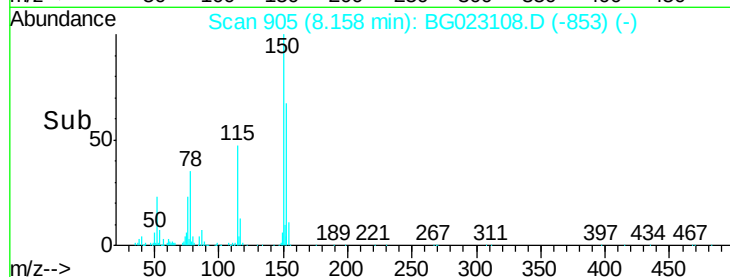
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.16 min Scan# 905
 Delta R.T. 0.01 min
 Lab File: BG023108.D
 Acq: 14 Jul 2016 19:34

Instrument :
 BNA_G
 ClientSampleId :
 SYSDIS-071216DL

Tot Ion:152 Resp: 101558
 Ion Ratio Lower Upper
 152 100
 150 149.2 144.7 217.1
 115 70.6 64.0 96.0



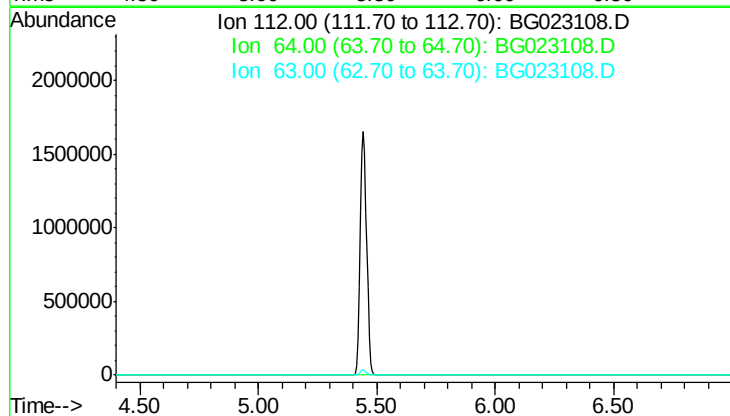
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

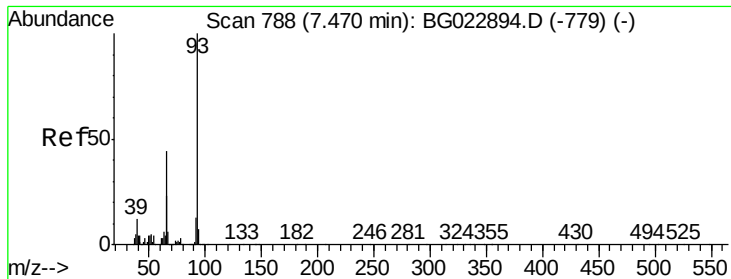


#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.70 min

Lab File: BG023108.D
 Acq: 14 Jul 2016 19:34

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 73.7
 63 47.3





#6

Aniline

Concen: 78.47 ng

RT: 7.47 min Scan# 788

Delta R.T. 0.00 min

Lab File: BG023108.D

Acq: 14 Jul 2016 19:34

Instrument :

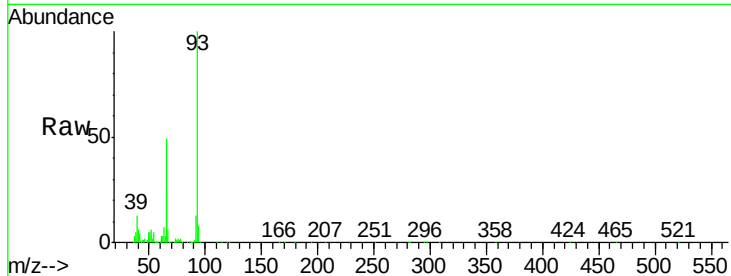
BNA_G

ClientSampleId :

SYSDIS-071216DL

Tot Ion: 93 Resp: 1057576

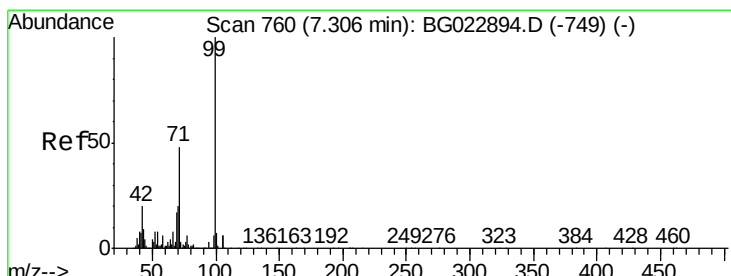
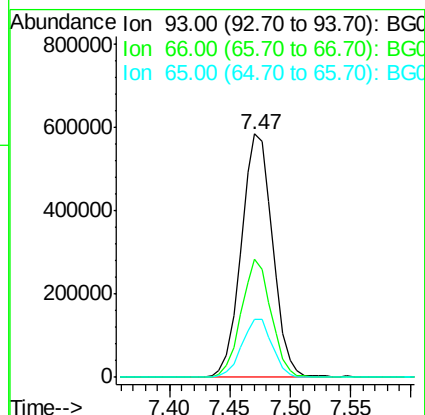
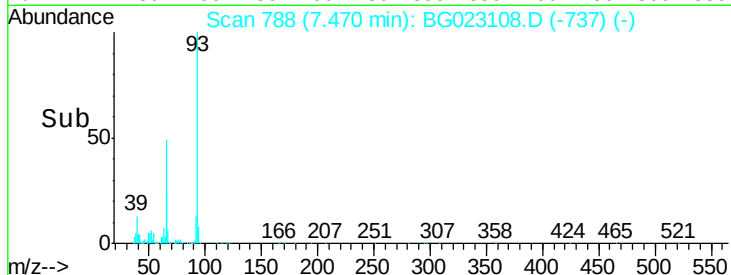
Ion	Ratio	Lower	Upper
93	100		
66	48.7	37.5	56.3
65	23.7	17.9	26.9



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC



#7

Phenol-d6

Concen: 0.18 ng

RT: 7.31 min Scan# 761

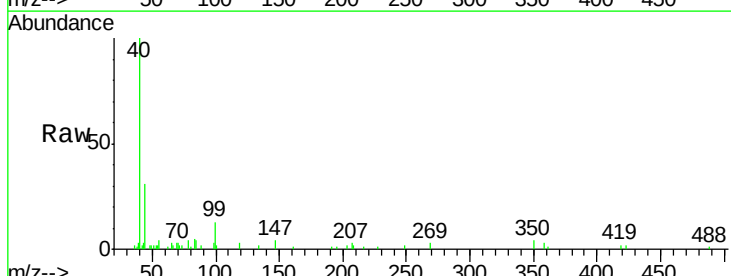
Delta R.T. 0.01 min

Lab File: BG023108.D

Acq: 14 Jul 2016 19:34

Tgt Ion: 99 Resp: 1775

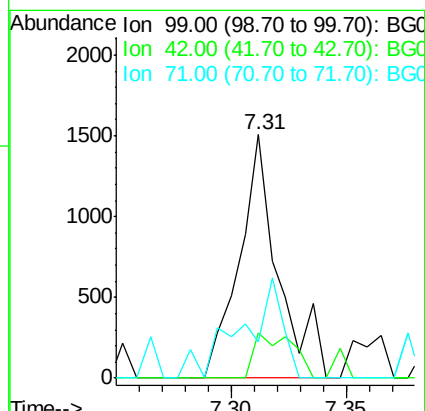
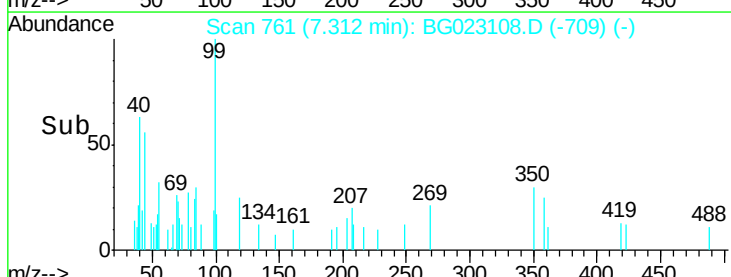
Ion	Ratio	Lower	Upper
99	100		
42	18.7	17.8	26.6
71	14.9	41.5	62.3#

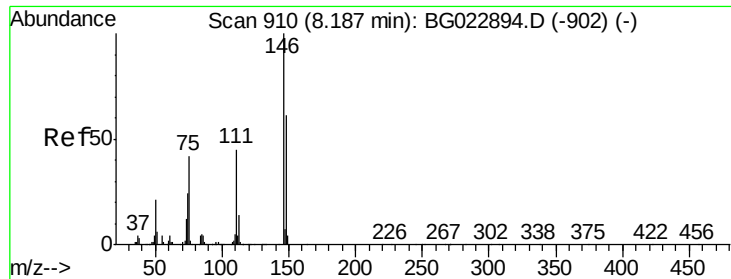


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

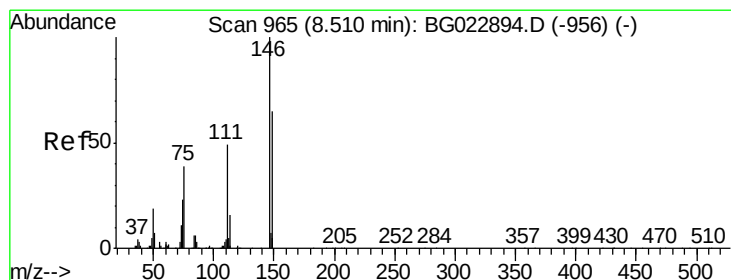
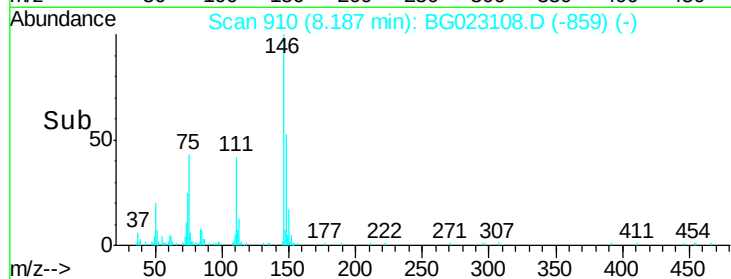
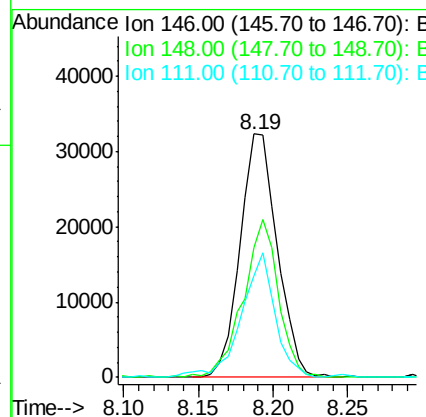
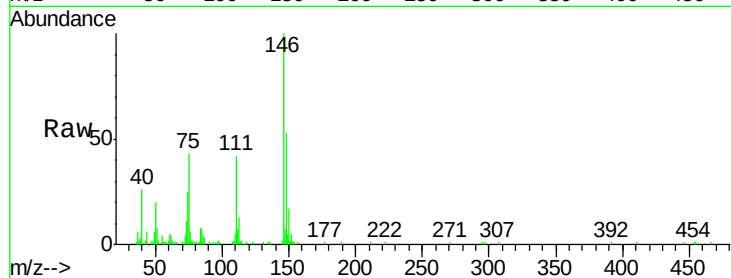




#13
 1,4-Dichlorobenzene
 Concen: 6.90 ng
 RT: 8.19 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: BG023108.D
 Acq: 14 Jul 2016 19:34

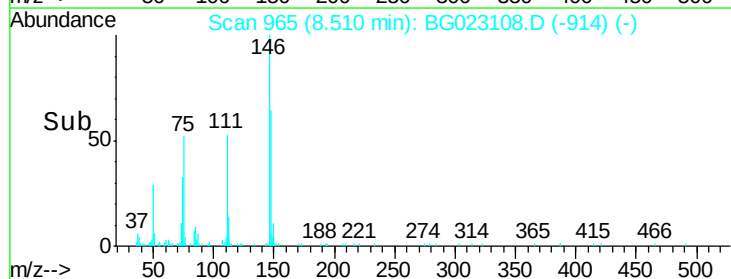
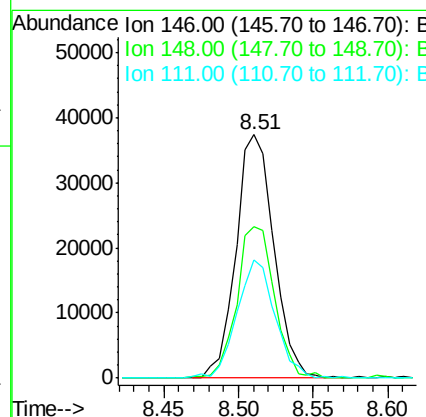
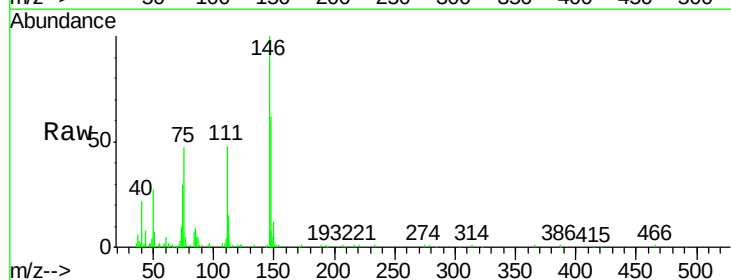
Instrument :
 BNA_G
 ClientSampleId :
 SYSDIS-071216DL

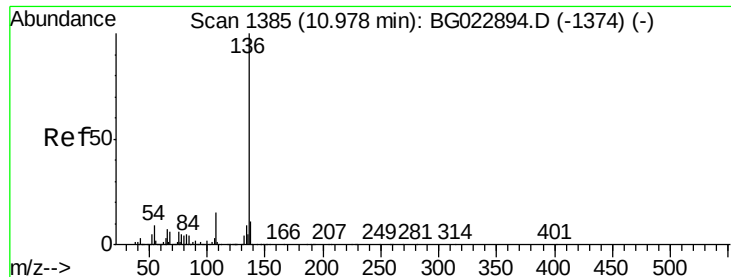
Tot Ion	Ratio	Lower	Upper
146	100		
148	53.3	54.5	81.7#
111	41.6	37.8	56.8



#14
 1,2-Dichlorobenzene
 Concen: 8.16 ng
 RT: 8.51 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: BG023108.D
 Acq: 14 Jul 2016 19:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.2	52.9	79.3
111	48.3	43.5	65.3

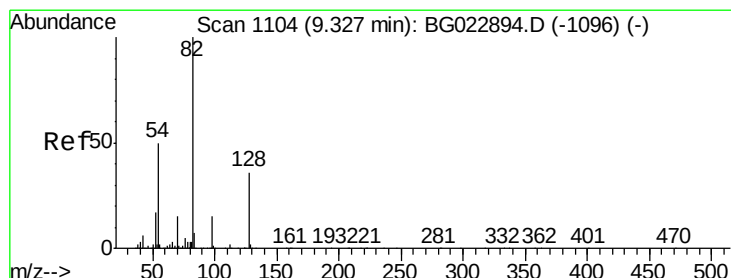
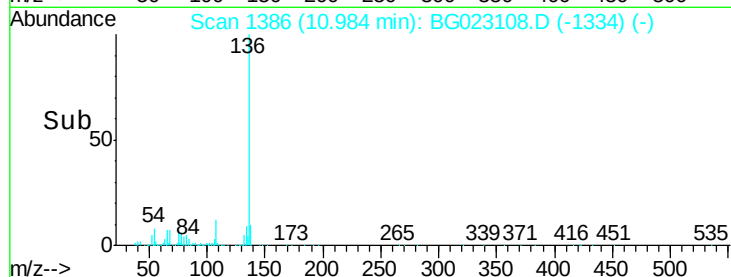
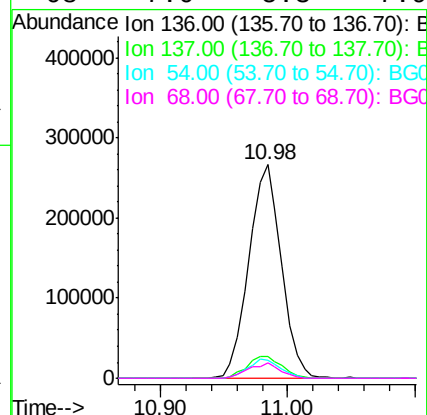
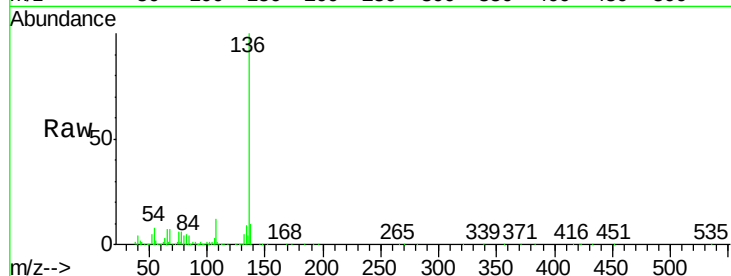




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BG023108.D
Acq: 14 Jul 2016 19:34

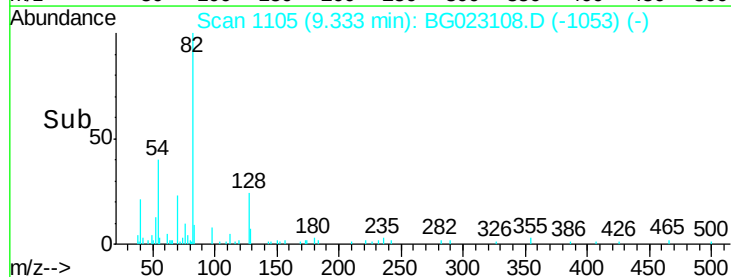
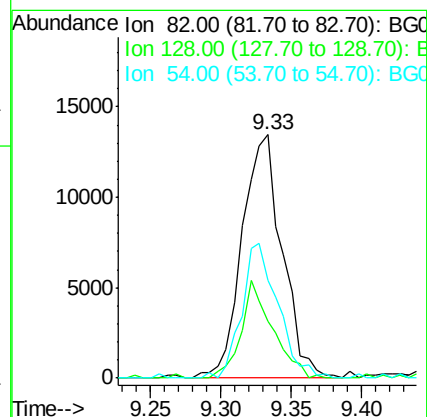
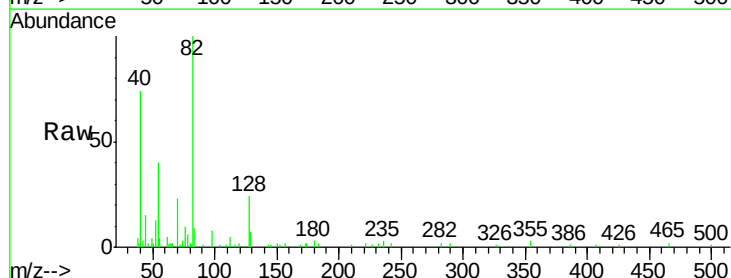
Instrument :
BNA_G
ClientSampleId :
SYSDIS-071216DL

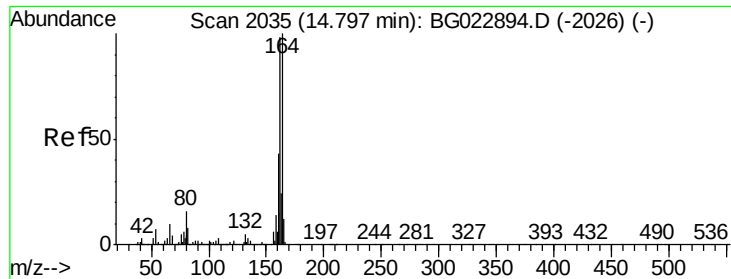
Tot Ion:136	Resp:	473782	
Ion Ratio	Lower	Upper	
136 100			
137 10.5	9.6	14.4	
54 8.2	7.3	10.9	
68 7.0	5.3	7.9	



#23
Nitrobenzene-d5
Concen: 2.42 ng
RT: 9.33 min Scan# 1105
Delta R.T. 0.01 min
Lab File: BG023108.D
Acq: 14 Jul 2016 19:34

Tgt	Ion: 82	Resp:	26772
Ion	Ratio	Lower	Upper
82	100		
128	23.5	24.4	36.6#
54	40.1	41.4	62.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BG023108.D

Acq: 14 Jul 2016 19:34

Instrument :

BNA_G

ClientSampleId :

SYSDIS-071216DL

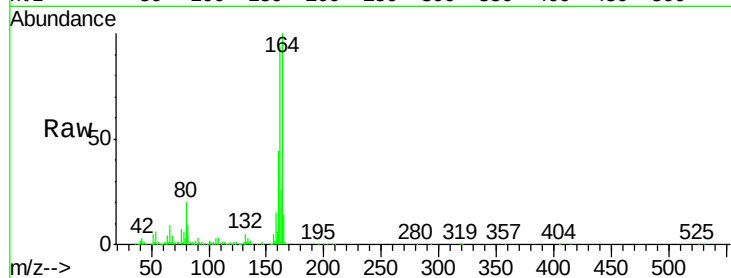
Tot Ion:164 Resp: 379607

Ion Ratio Lower Upper

164 100

162 93.9 87.7 131.5

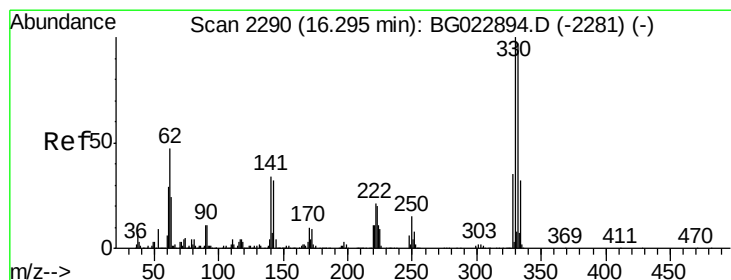
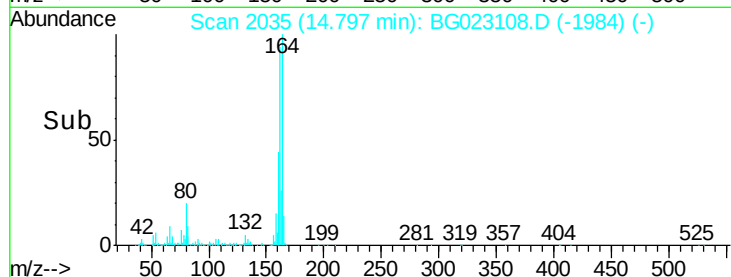
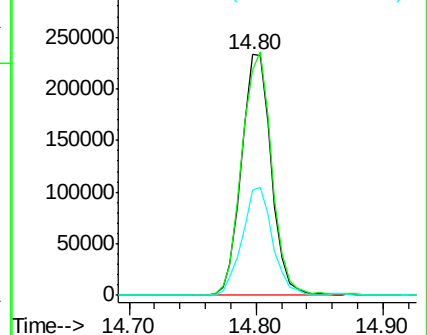
160 43.9 37.2 55.8



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



#41

2,4,6-Tribromophenol

Concen: 0.06 ng

RT: 16.29 min Scan# 2289

Delta R.T. -0.01 min

Lab File: BG023108.D

Acq: 14 Jul 2016 19:34

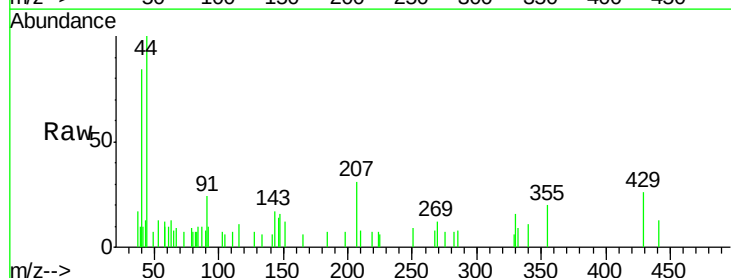
Tgt Ion:330 Resp: 384

Ion Ratio Lower Upper

330 100

332 330.5 77.4 116.2#

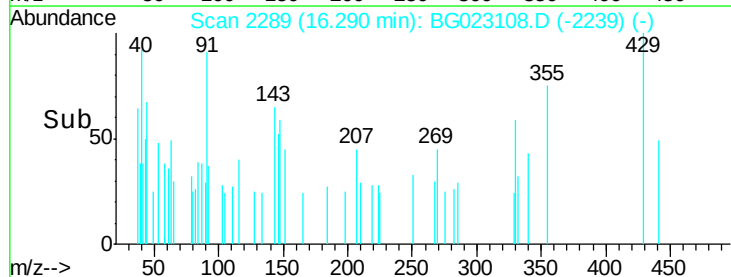
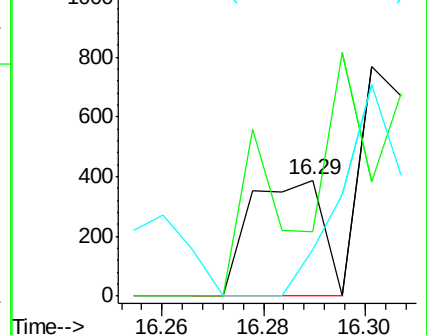
141 0.0 31.7 47.5#

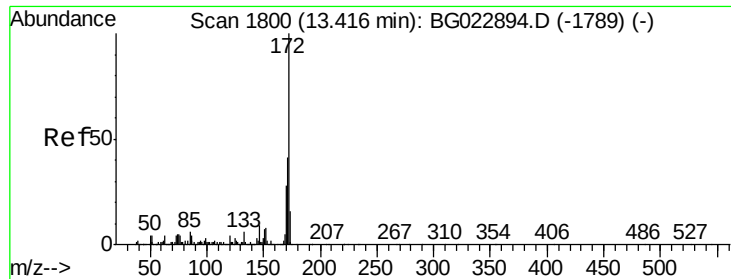


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

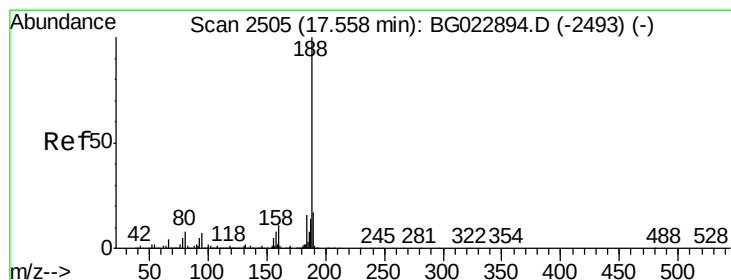
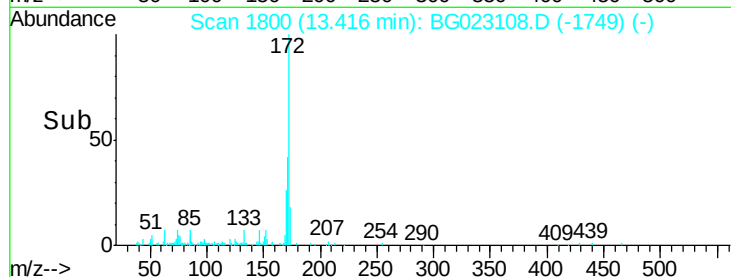
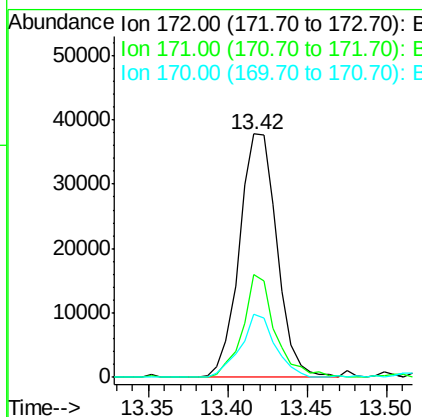
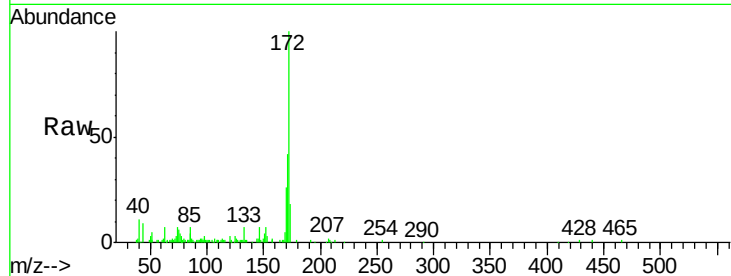




#44
2-Fluorobiphenyl
Concen: 2.58 ng
RT: 13.42 min Scan# 1800
Delta R.T. 0.00 min
Lab File: BG023108.D
Acq: 14 Jul 2016 19:34

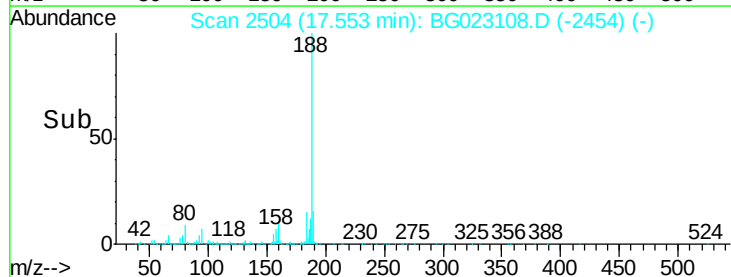
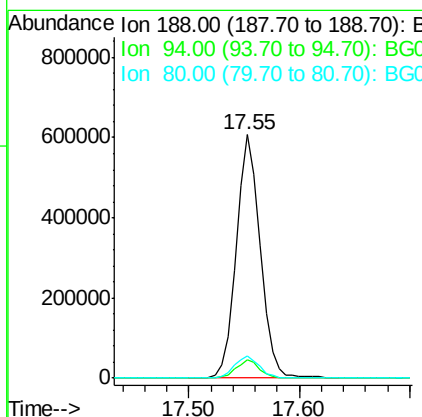
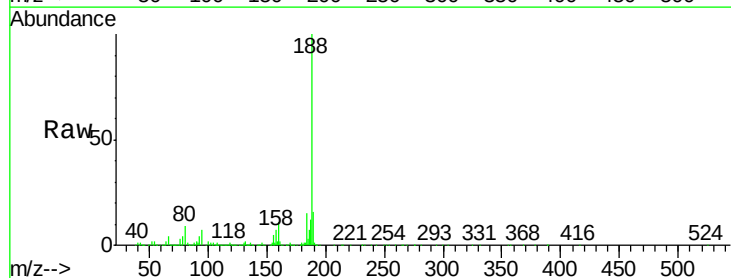
Instrument :
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SYSDIS-071216DL

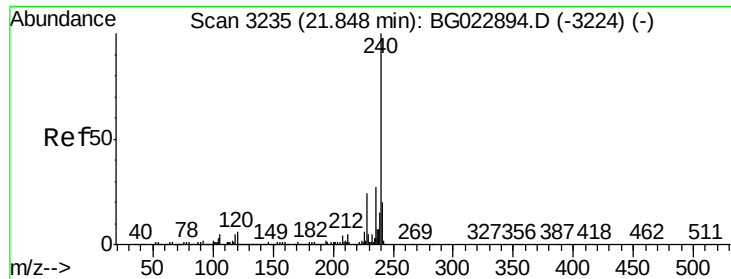
Tot Ion:172 Resp: 62248
Ion Ratio Lower Upper
172 100
171 42.0 31.6 47.4
170 25.7 21.3 31.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BG023108.D
Acq: 14 Jul 2016 19:34

Tgt Ion:188 Resp: 924531
Ion Ratio Lower Upper
188 100
94 7.4 5.2 7.8
80 9.2 7.2 10.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3236

Delta R.T. 0.01 min

Lab File: BG023108.D

Acq: 14 Jul 2016 19:34

Instrument :

BNA_G

ClientSampleId :

SYSDIS-071216DL

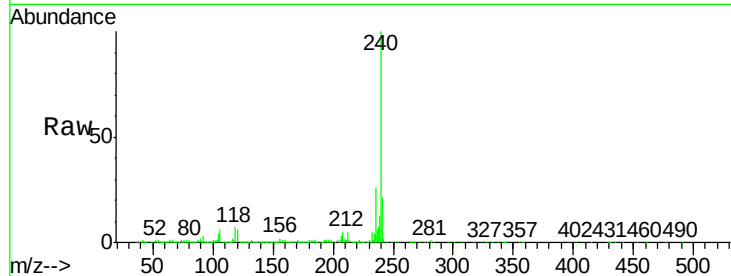
Tot Ion: 240 Resp: 994319

Ion Ratio Lower Upper

240 100

120 6.3 4.1 6.1#

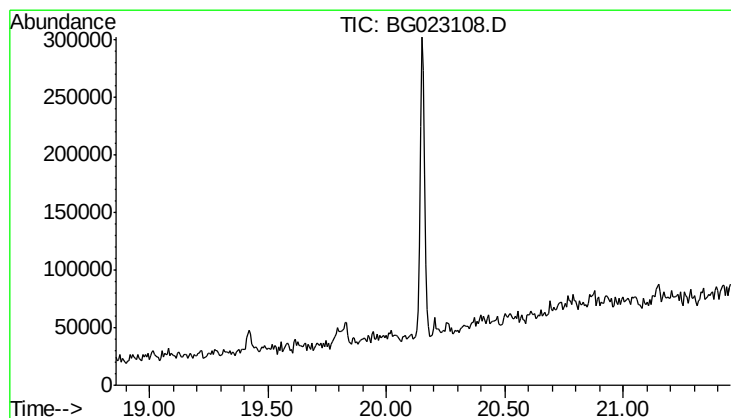
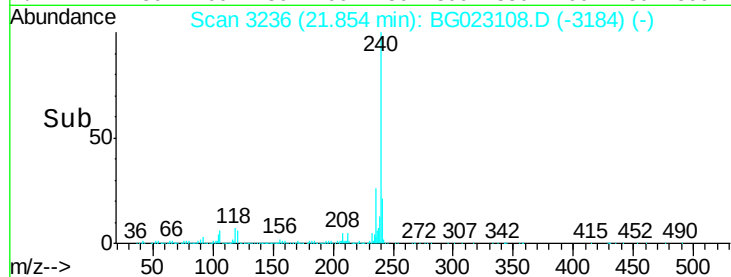
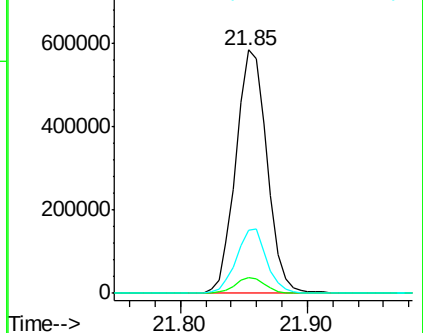
236 25.9 21.1 31.7



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: 0.00 ng

Expected RT: 20.16 min

Lab File: BG023108.D

Acq: 14 Jul 2016 19:34

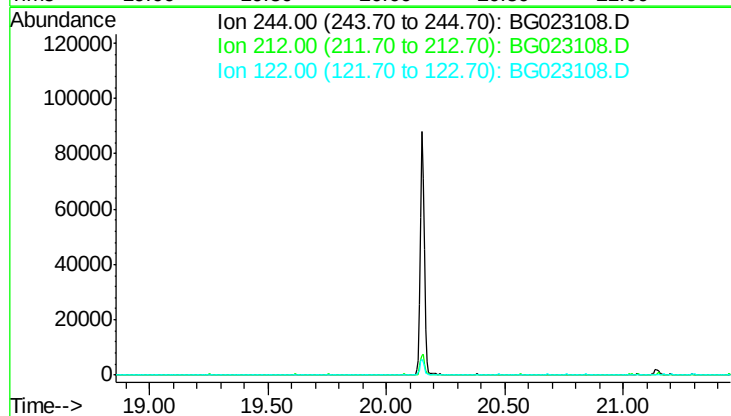
Tgt Ion: 244

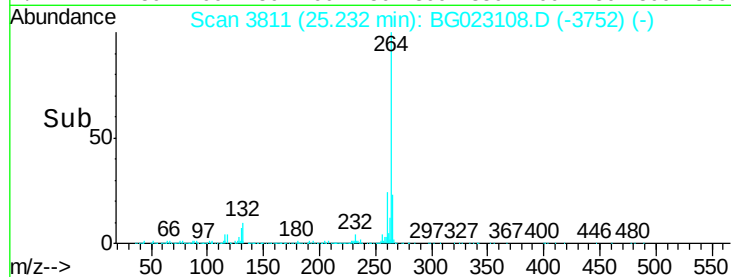
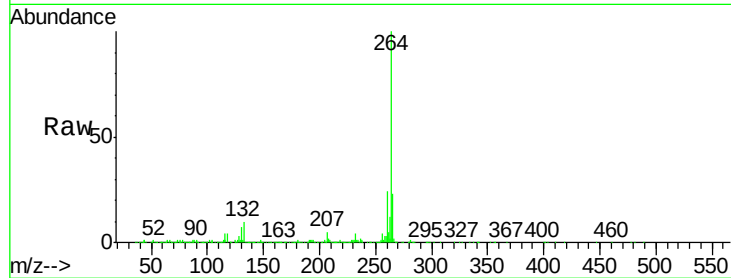
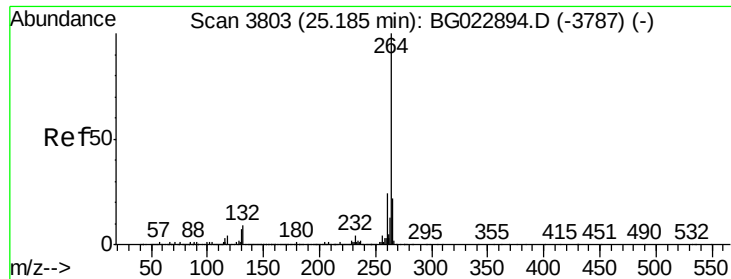
Sig Exp Ratio

244 100

212 13.5

122 10.0





#86

Pervlene-d12

Concen: 20.00 ng

RT: 25.23 min Scan# 3811

Delta R.T. 0.05 min

Lab File: BG023108.D

Acq: 14 Jul 2016 19:34

Instrument :

BNA_G

ClientSampleId :

SYSDIS-071216DL

Tot Ion:264 Resp: 986650

Ion Ratio Lower Upper

264 100

260 24.3 18.4 27.6

265 22.8 18.9 28.3

