

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120315\
 Data File : BG019892.D
 Acq On : 4 Dec 2015 5:04
 Operator : UM/NP
 Sample : PB87019BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB87019BL

Quant Time: Dec 04 07:48:12 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 04 07:46:49 2015
 Response via : Initial Calibration

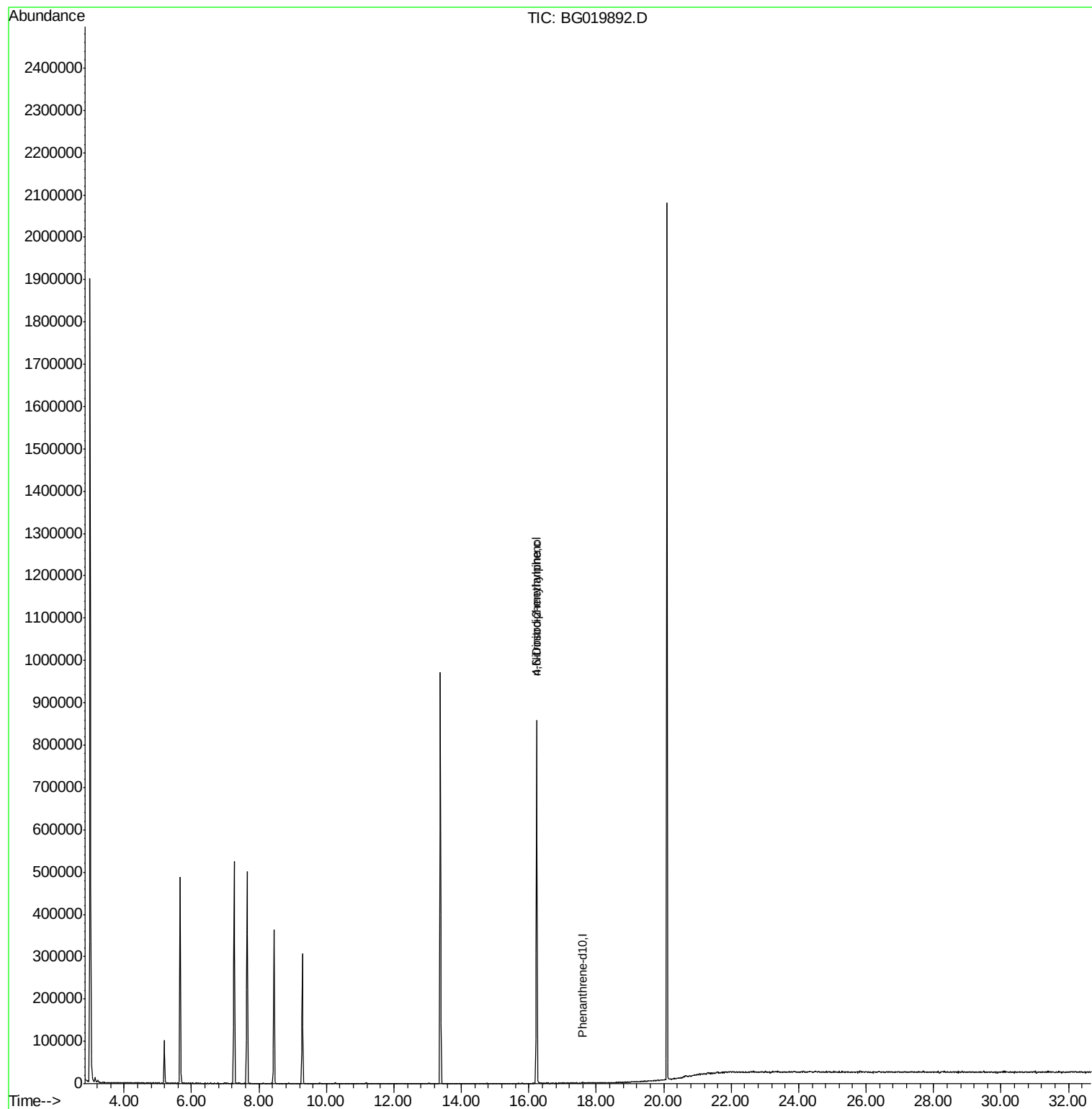
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-8.12
21) Naphthalene-d8	0.00	136	0	0.00	ng	-10.95
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-14.75
63) Phenanthrene-d10	17.59	188	1821	20.00	ng	0.10
75) Chrysene-d12	0.00	240	0	0.00	ng	-21.77
86) Perylene-d12	0.00	264	0	0.00	ng	-25.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	200946	0.00	ng	0.00
7) Phenol-d6	7.26	99	290612	0.00	ng	0.00
23) Nitrobenzene-d5	9.28	82	191091	0.00	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	159314	0.00	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	484994	0.00	ng	0.00
78) Terphenyl-d14	20.09	244	903545	0.00	ng	0.00
Target Compounds						
64) 4,6-Dinitro-2-methylphenol	16.23	198	342	35.28	ng	# 1
65) n-Nitrosodiphenylamine	16.23	169	6252	118.64	ng	# 49

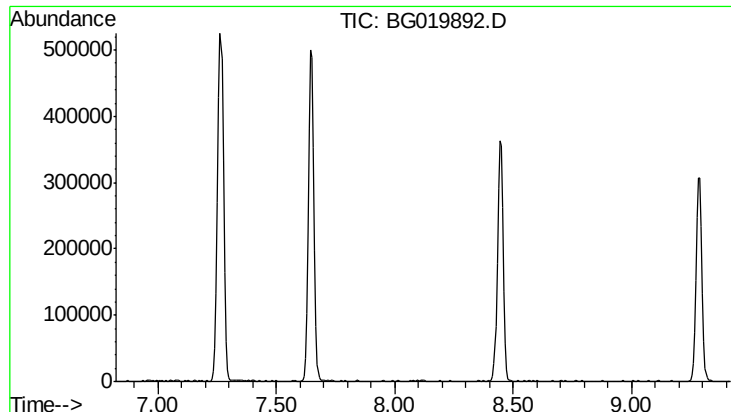
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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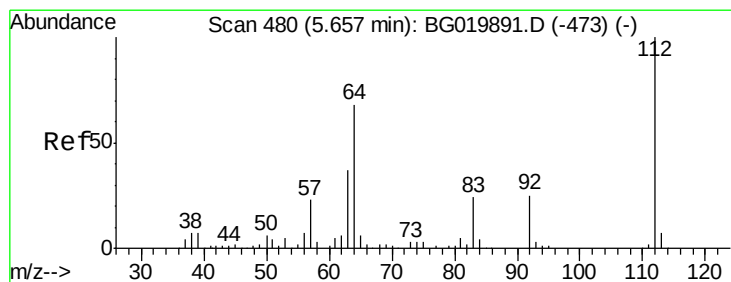
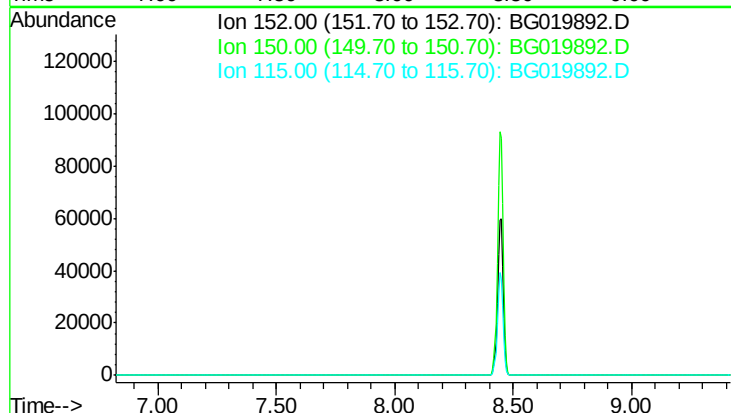




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.00 ng
 Expected RT: 8.12 min
 Lab File: BG019892.D
 Acq: 4 Dec 2015 5:04

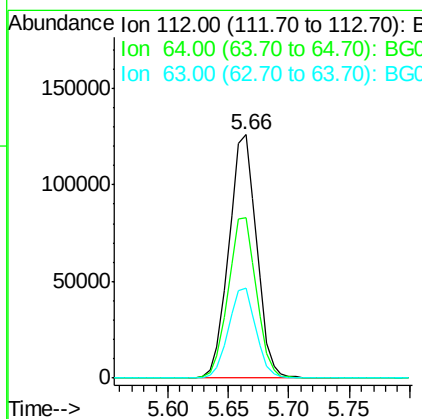
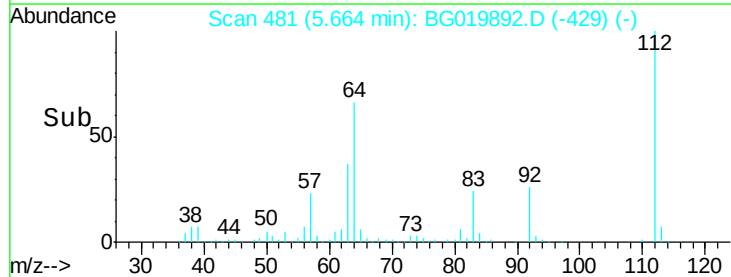
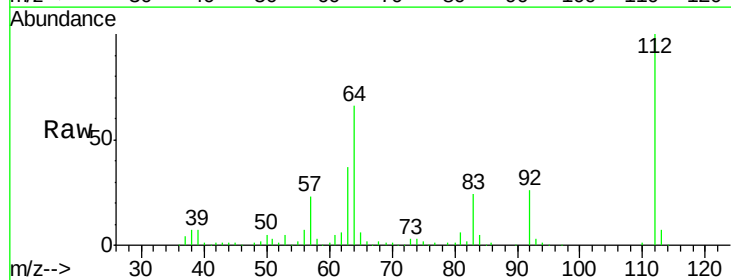
Instrument :
 BNA_G
 ClientSampleId :
 PB87019BL

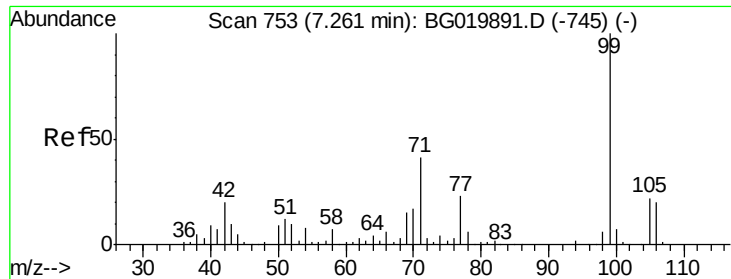
Tot Ion: 152
 Sig Exp Ratio
 152 100
 150 143.7
 115 54.9



#5
 2-Fluorophenol
 Concen: 0.00 ng
 RT: 5.66 min Scan# 481
 Delta R.T. 0.01 min
 Lab File: BG019892.D
 Acq: 4 Dec 2015 5:04

Tgt Ion: 112 Resp: 200946
 Ion Ratio Lower Upper
 112 100
 64 65.8 43.7 65.5#
 63 36.8 24.0 36.0#





#7

Phenol-d6

Concen: 0.00 ng

RT: 7.26 min Scan# 753

Delta R.T. 0.00 min

Lab File: BG019892.D

Acq: 4 Dec 2015 5:04

Instrument :

BNA_G

ClientSampled :

PB87019BL

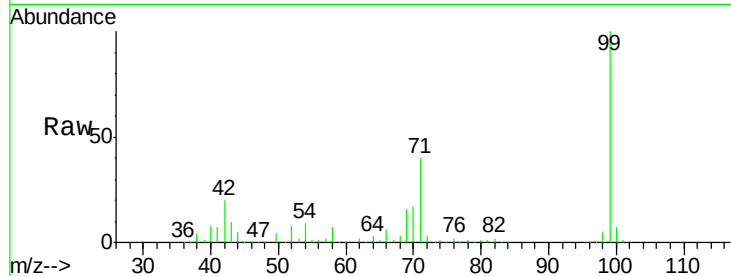
Tot Ion: 99 Resp: 290612

Ion Ratio Lower Upper

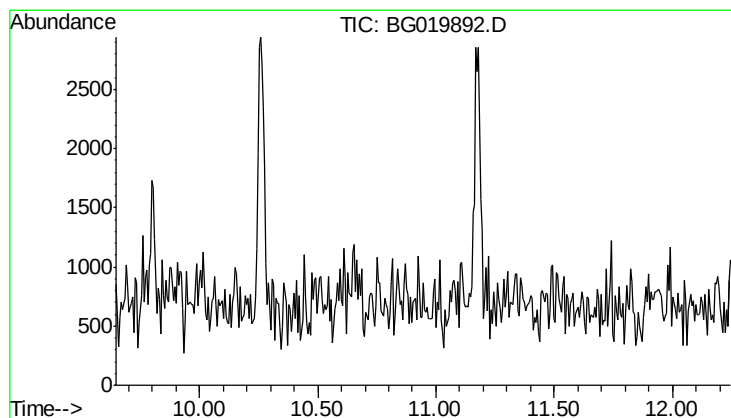
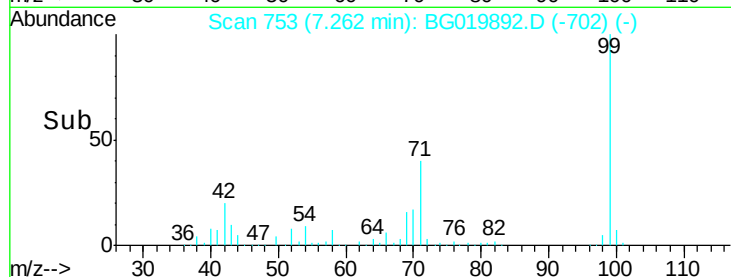
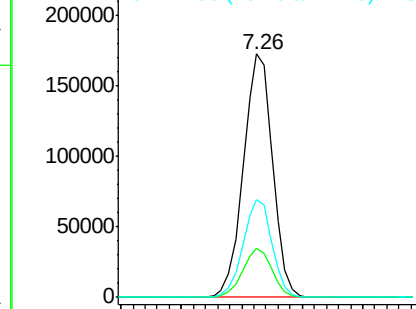
99 100

42 20.3 11.5 17.3#

71 40.4 22.6 34.0#



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: 0.00 ng

Expected RT: 10.95 min

Lab File: BG019892.D

Acq: 4 Dec 2015 5:04

Tgt Ion: 136

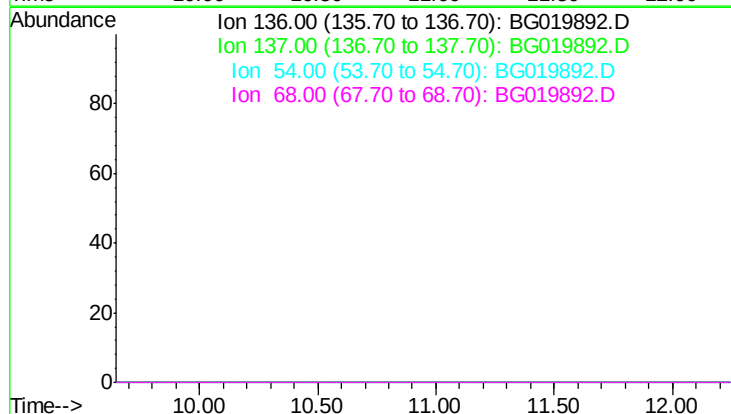
Sig Exp Ratio

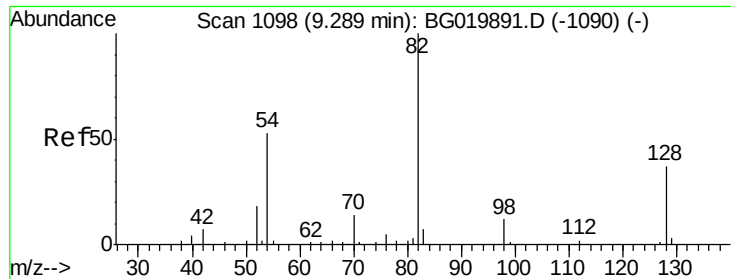
136 100

137 10.7

54 6.8

68 6.6

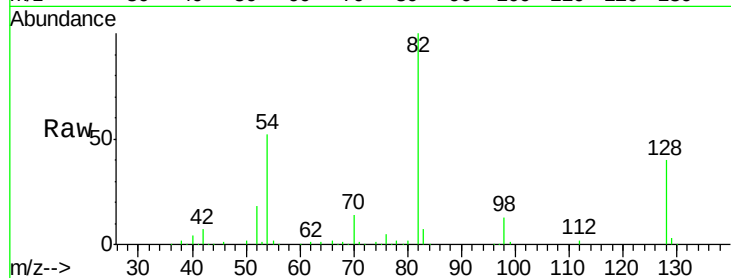




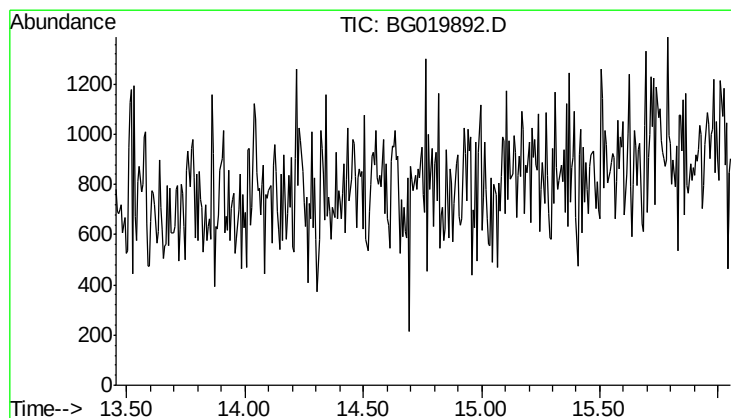
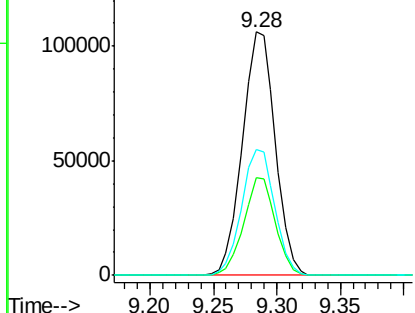
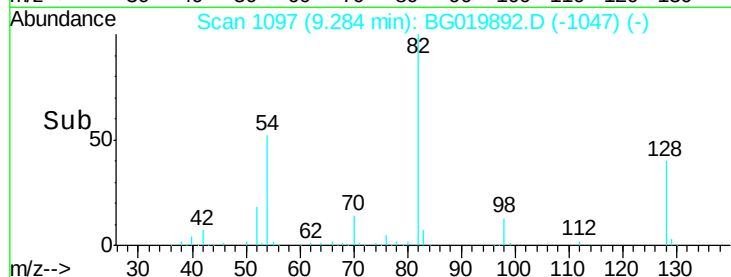
#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 RT: 9.28 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BG019892.D
 Acq: 4 Dec 2015 5:04

Instrument :
 BNA_G
 ClientSampleId :
 PB87019BL

Tot Ion	82.00	Resp	191091
Ion Ratio	Lower	Upper	
82	100		
128	39.9	36.7	55.1
54	51.8	33.8	50.8



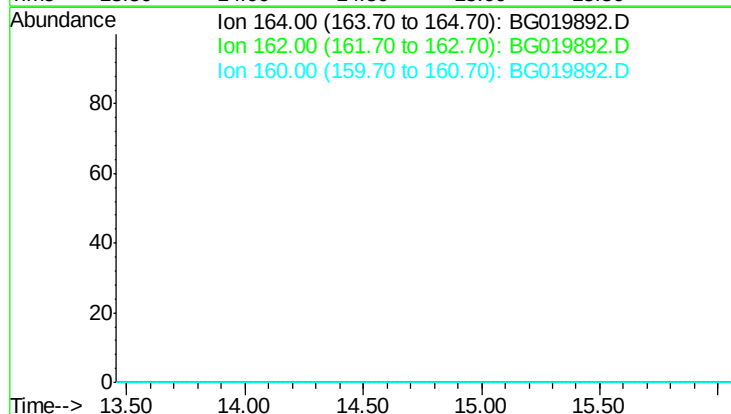
Abundance Ion 82.00 (81.70 to 82.70): BG019892.D
 Ion 128.00 (127.70 to 128.70): BG019892.D
 Ion 54.00 (53.70 to 54.70): BG019892.D

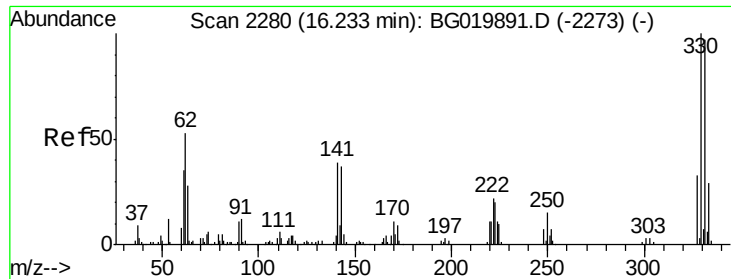


#38
 Acenaphthene-d10
 Concen: 0.00 ng
 Expected RT: 14.75 min

Lab File: BG019892.D
 Acq: 4 Dec 2015 5:04

Tgt Ion	164
Sig	Exp Ratio
164	100
162	98.5
160	45.5

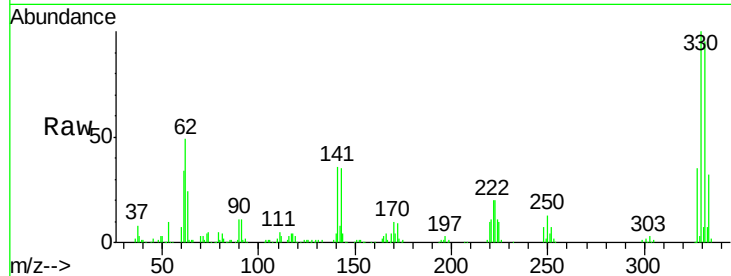




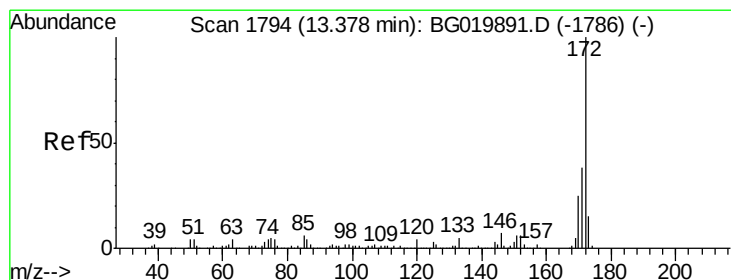
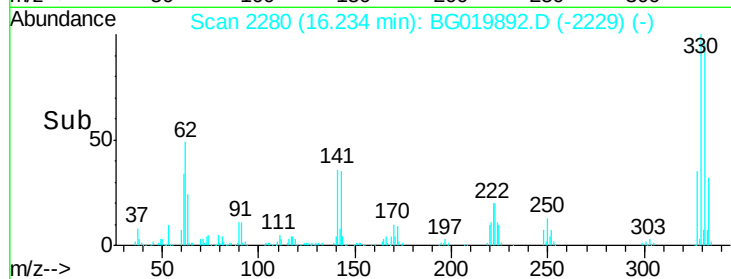
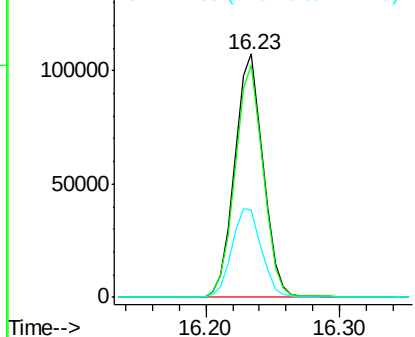
#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: BG019892.D
 Acq: 4 Dec 2015 5:04

Instrument :
 BNA_G
 ClientSampleId :
 PB87019BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	78.1	117.1
141	38.1	28.2	42.2

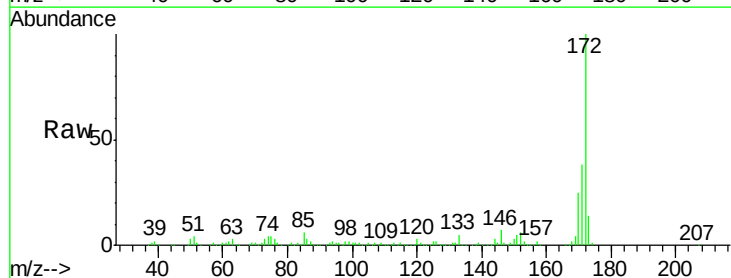


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

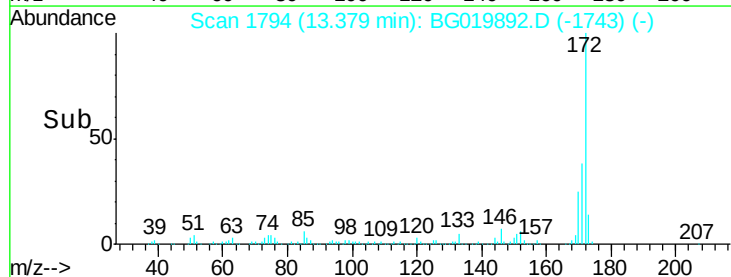
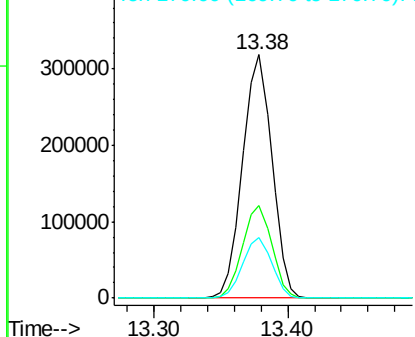


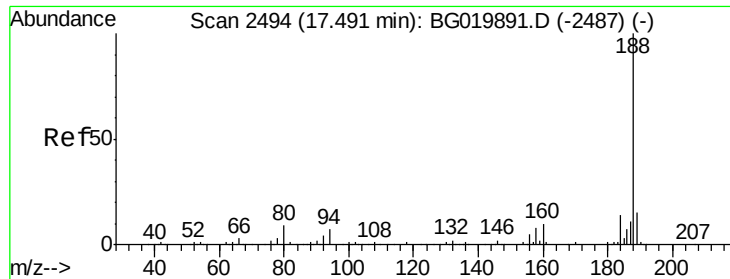
#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. 0.00 min
 Lab File: BG019892.D
 Acq: 4 Dec 2015 5:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	29.0	43.6
170	24.7	19.9	29.9



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

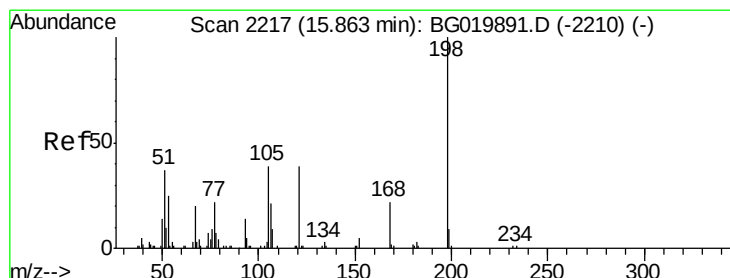
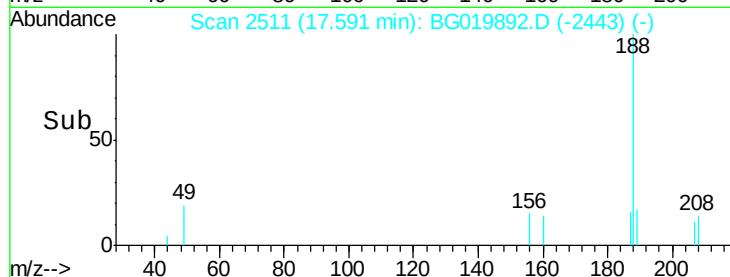
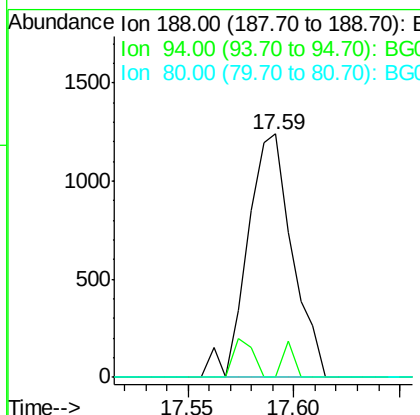
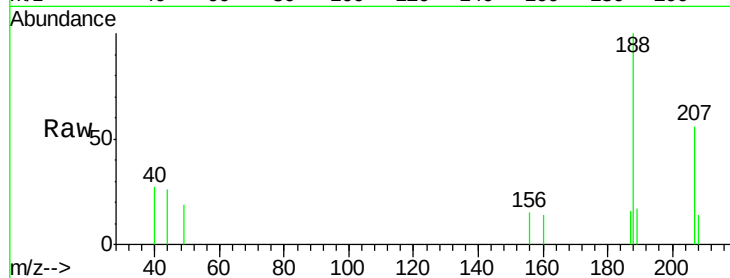




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.59 min Scan# 2511
Delta R.T. 0.10 min
Lab File: BG019892.D
Acq: 4 Dec 2015 5:04

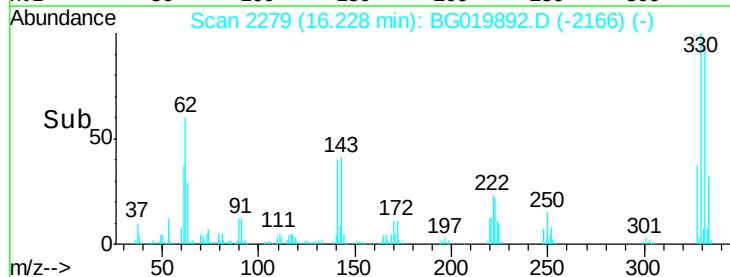
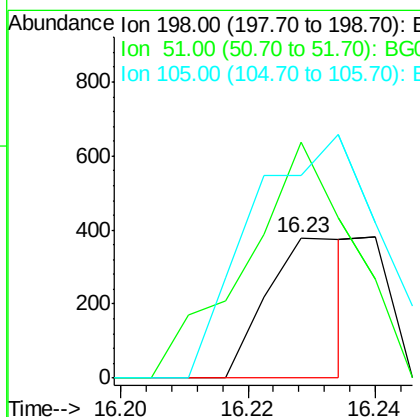
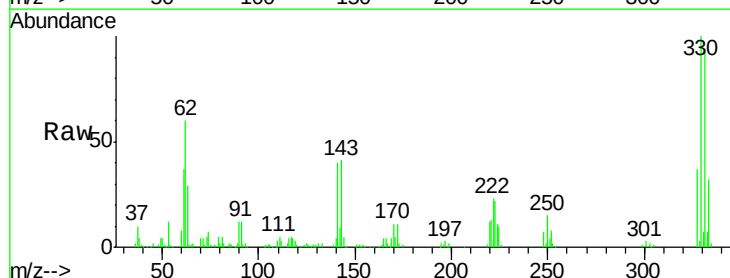
Instrument :
BNA_G
ClientSampleId :
PB87019BL

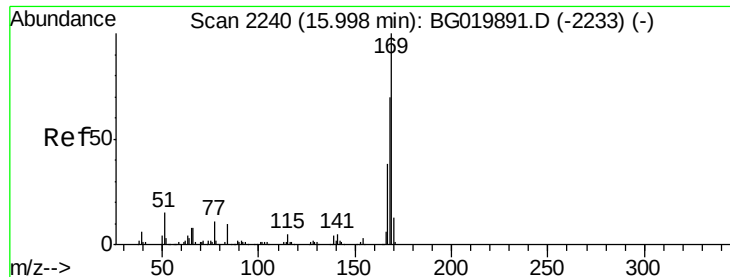
Tot Ion:188 Resp: 1821
Ion Ratio Lower Upper
188 100
94 0.0 7.7 11.5#
80 0.0 7.8 11.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 35.28 ng
RT: 16.23 min Scan# 2279
Delta R.T. 0.37 min
Lab File: BG019892.D
Acq: 4 Dec 2015 5:04

Tgt Ion:198 Resp: 342
Ion Ratio Lower Upper
198 100
51 168.1 14.2 54.2#
105 144.6 21.1 61.1#





#65

n-Nitrosodiphenylamine

Concen: 118.64 ng

RT: 16.23 min Scan# 2279

Delta R.T. 0.23 min

Lab File: BG019892.D

Acq: 4 Dec 2015 5:04

Instrument :

BNA_G

ClientSampleId :

PB87019BL

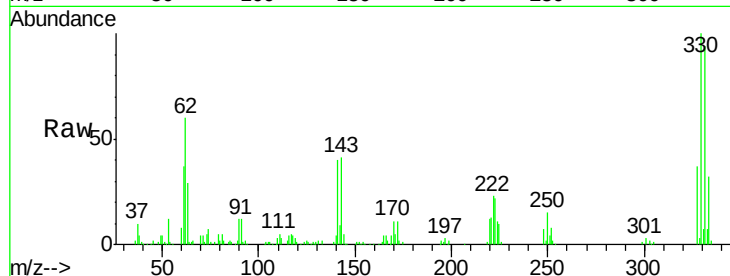
Tot Ion:169 Resp: 6252

Ion Ratio Lower Upper

169 100

168 7.9 58.2 87.2#

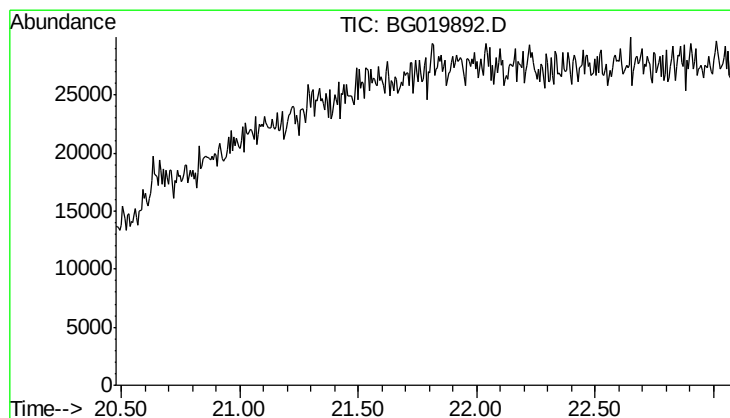
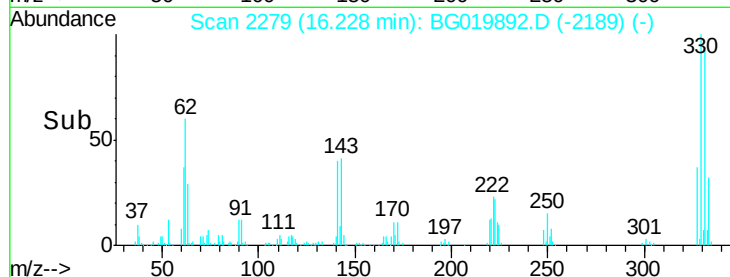
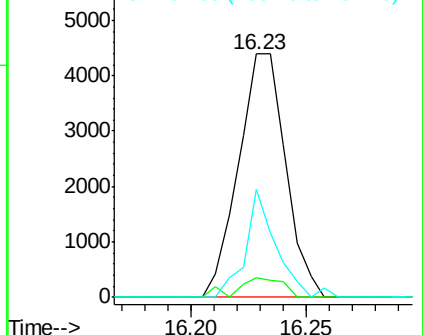
167 44.2 32.7 49.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#75

Chrysene-d12

Concen: 0.00 ng

Expected RT: 21.77 min

Lab File: BG019892.D

Acq: 4 Dec 2015 5:04

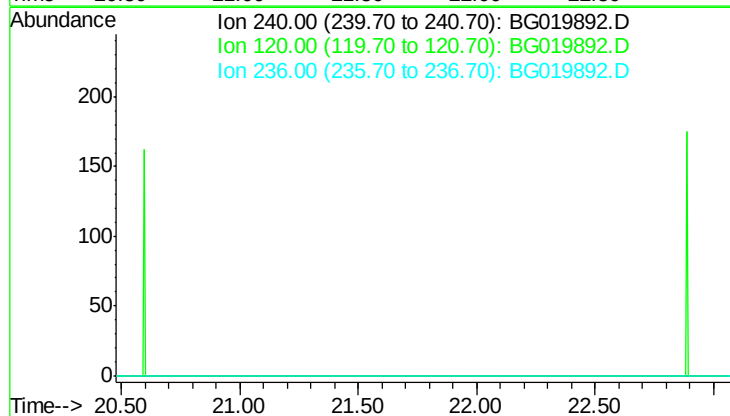
Tgt Ion: 240

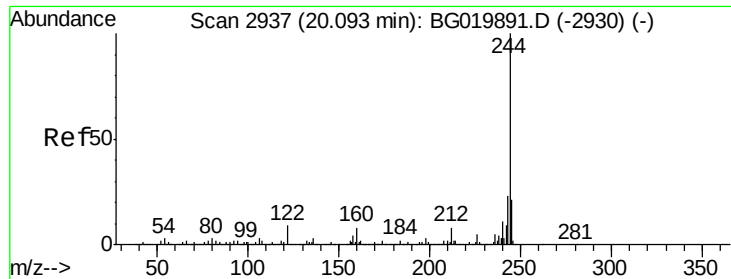
Sig Exp Ratio

240 100

120 9.2

236 25.9





#78

Terphenyl-d14

Concen: 0.00 ng

RT: 20.09 min Scan# 2937

Delta R.T. 0.00 min

Lab File: BG019892.D

Acq: 4 Dec 2015 5:04

Instrument :

BNA_G

ClientSampleId :

PB87019BL

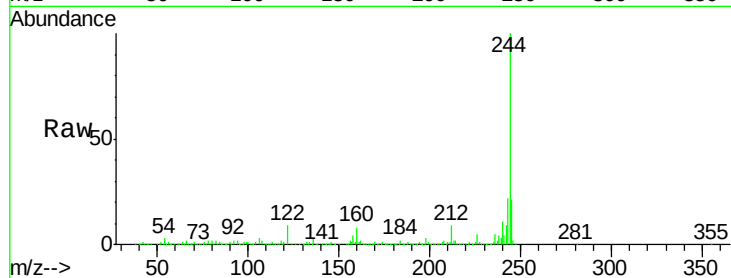
Tot Ion: 244 Resp: 903545

Ion Ratio Lower Upper

244 100

212 8.6 6.9 10.3

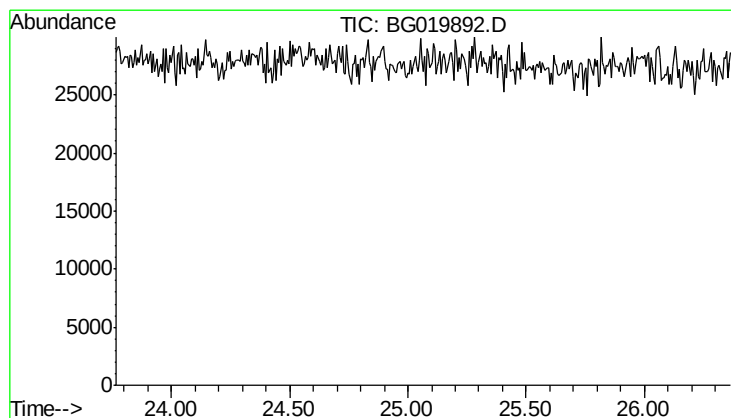
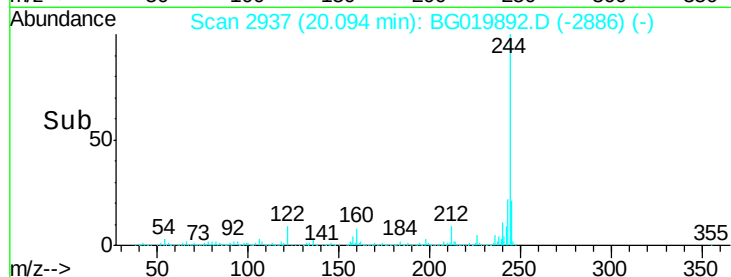
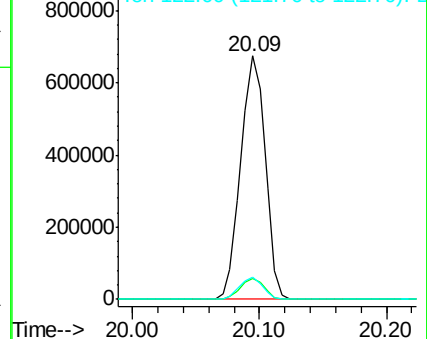
122 9.0 10.2 15.2#



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

Perylene-d12

Concen: 0.00 ng

Expected RT: 25.06 min

Lab File: BG019892.D

Acq: 4 Dec 2015 5:04

Tgt Ion: 264

Sig Exp Ratio

264 100

260 23.1

265 21.5

