

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101015\
 Data File : BG019133.D
 Acq On : 11 Oct 2015 1:02
 Operator : UM/NP
 Sample : G3929-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DUP-X

Quant Time: Oct 12 07:24:25 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 07:23:23 2015
 Response via : Initial Calibration

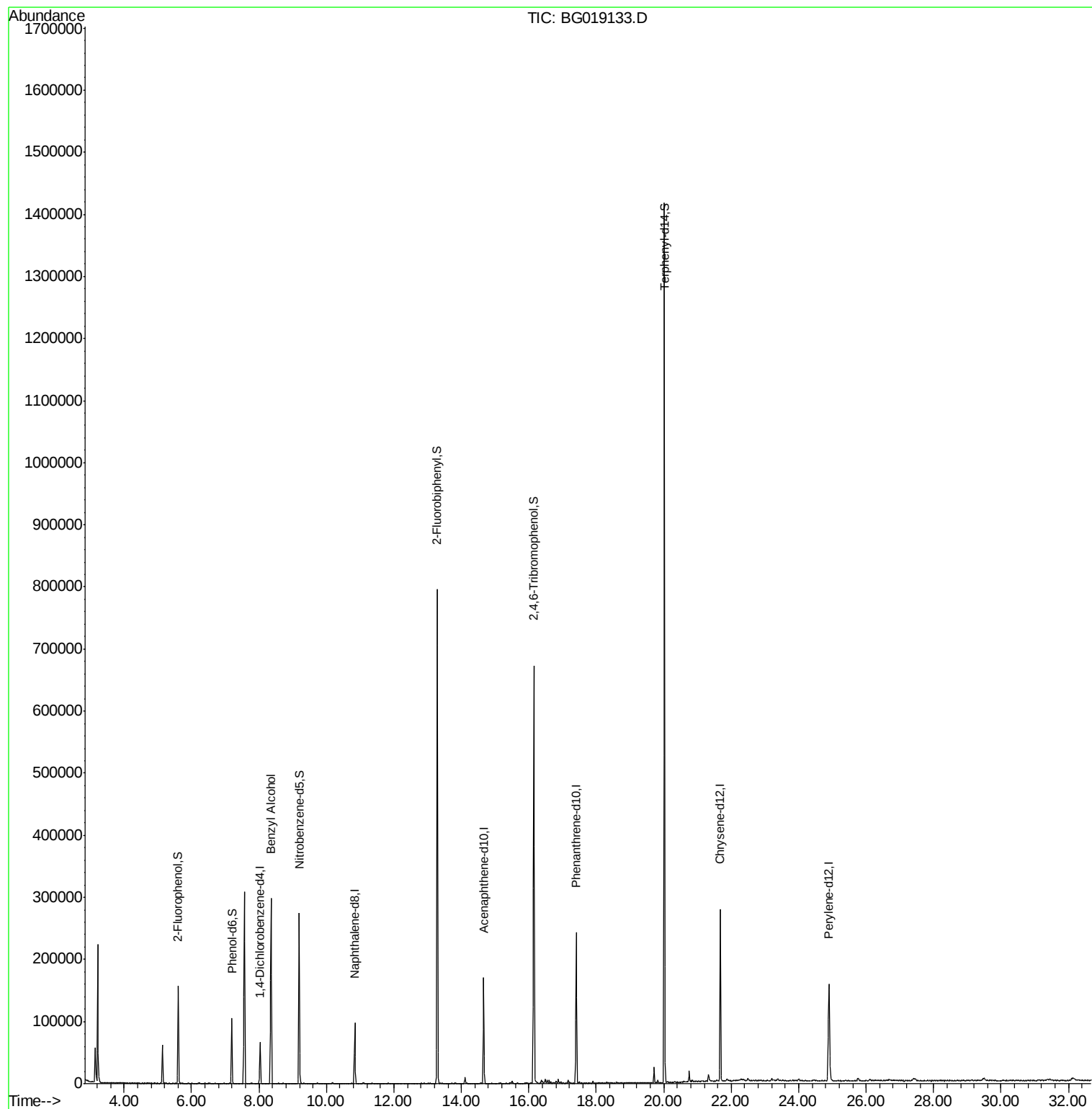
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	18271	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	81507	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	56834	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	143658	20.00	ng	0.00
75) Chrysene-d12	21.67	240	172453	20.00	ng	0.00
86) Perylene-d12	24.90	264	166701	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	59368	66.16	ng	0.00
7) Phenol-d6	7.19	99	53197	38.59	ng	0.00
23) Nitrobenzene-d5	9.19	82	161141	109.24	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	123146	159.01	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	402062	108.78	ng	0.00
78) Terphenyl-d14	20.02	244	610645	93.54	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.35	79	2484	2.02	ng	# 52

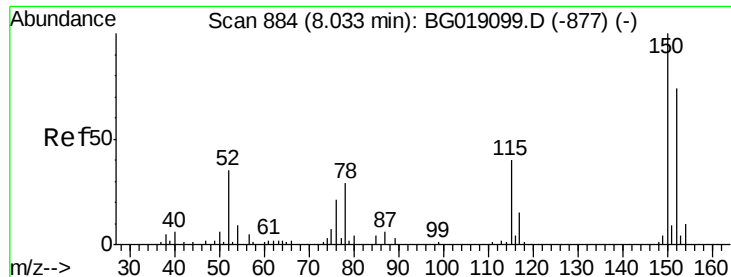
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.03 min Scan# 884

Delta R.T. -0.00 min

Lab File: BG019133.D

Acq: 11 Oct 2015 1:02

Instrument :

BNA_G

ClientSampleId :

DUP-X

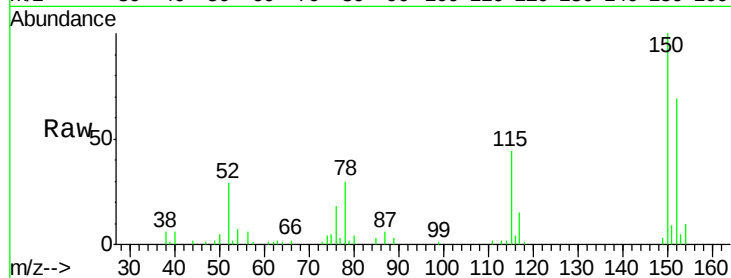
Tot Ion:152 Resp: 18271

Ion Ratio Lower Upper

152 100

150 145.9 108.2 162.2

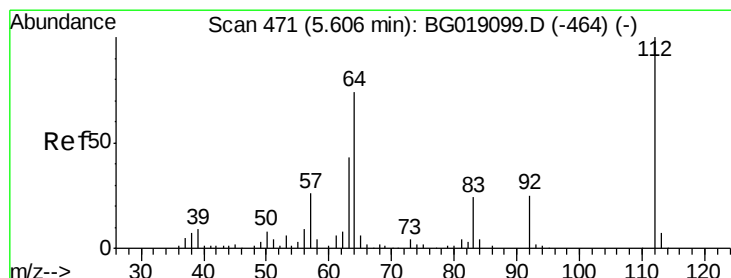
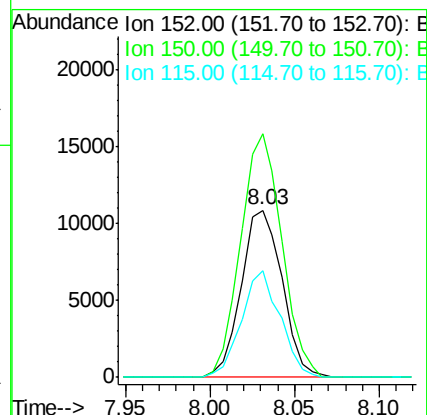
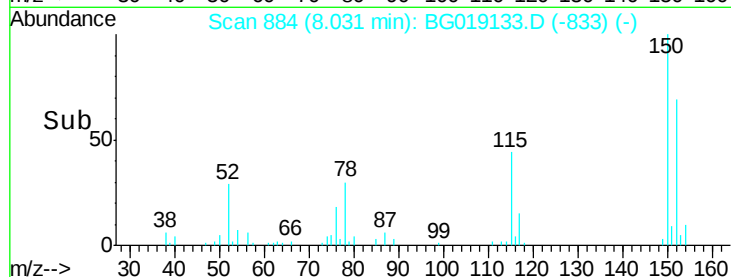
115 64.0 43.2 64.8



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: 66.16 ng

RT: 5.60 min Scan# 471

Delta R.T. -0.00 min

Lab File: BG019133.D

Acq: 11 Oct 2015 1:02

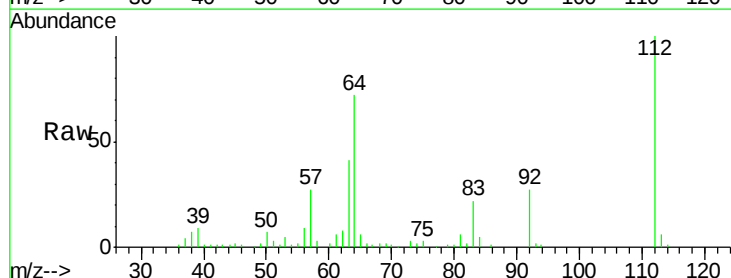
Tgt Ion:112 Resp: 59368

Ion Ratio Lower Upper

112 100

64 71.6 59.0 88.4

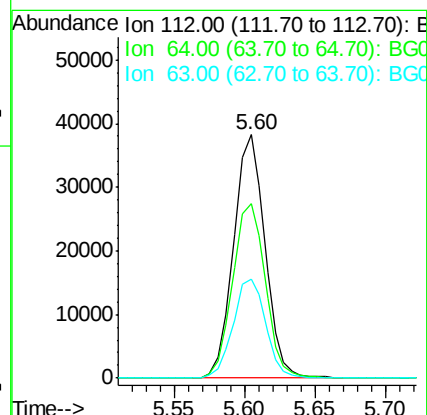
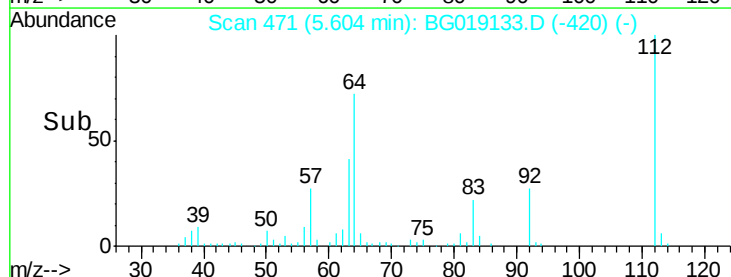
63 40.7 34.7 52.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 38.59 ng

RT: 7.19 min Scan# 741

Delta R.T. -0.01 min

Lab File: BG019133.D

Acq: 11 Oct 2015 1:02

Instrument :

BNA_G

ClientSampleId :

DUP-X

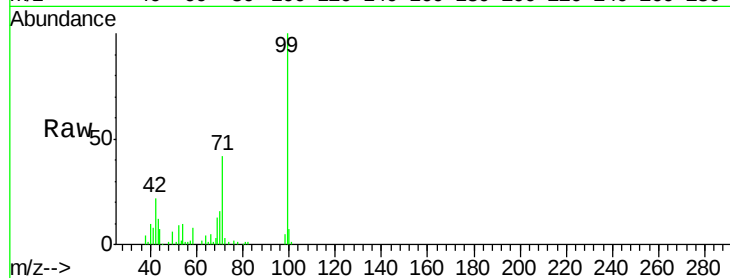
Tot Ion: 99 Resp: 53197

Ion Ratio Lower Upper

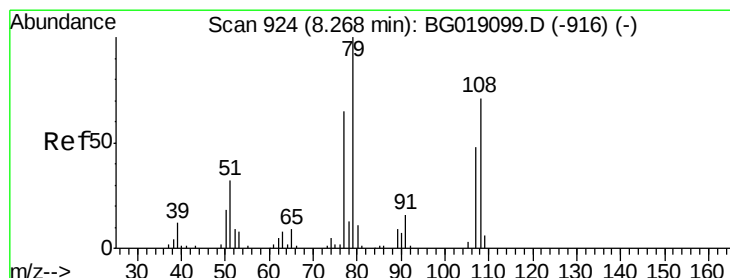
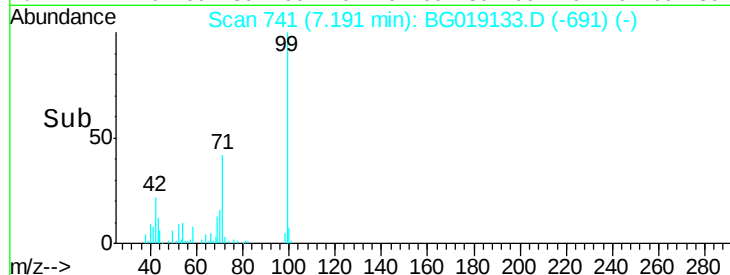
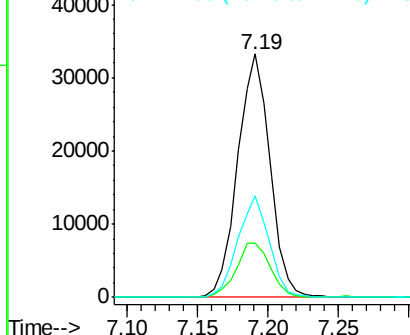
99 100

42 22.1 19.5 29.3

71 41.6 31.4 47.0



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



#15

Benzyl Alcohol

Concen: 2.02 ng

RT: 8.35 min Scan# 939

Delta R.T. 0.09 min

Lab File: BG019133.D

Acq: 11 Oct 2015 1:02

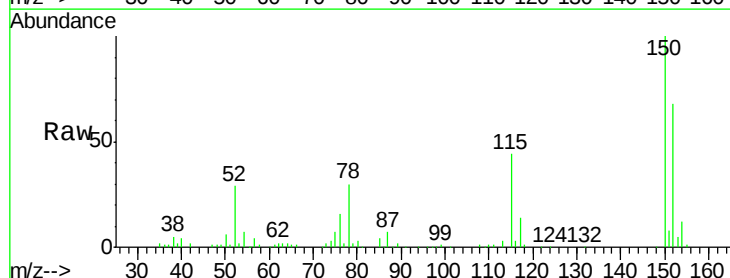
Tgt Ion: 79 Resp: 2484

Ion Ratio Lower Upper

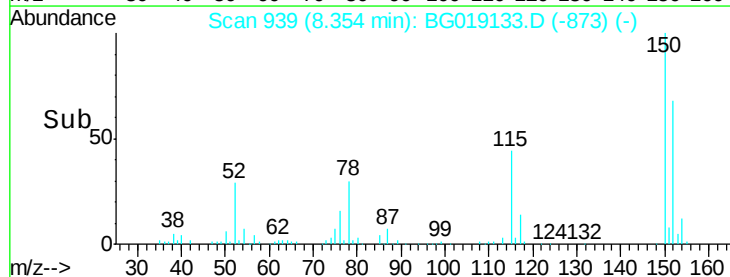
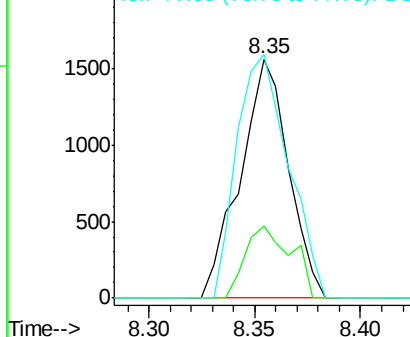
79 100

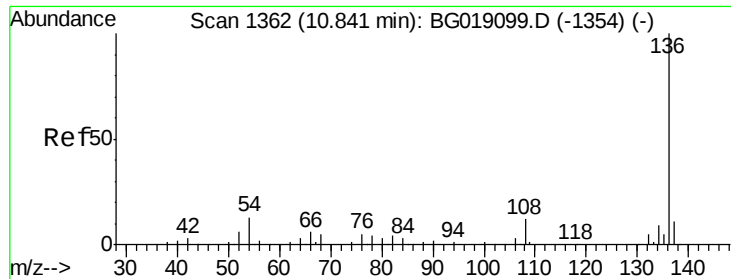
108 30.3 56.6 84.8#

77 101.9 51.6 77.4#



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: 20.00 ng

RT: 10.83 min Scan# 1361

Delta R.T. -0.01 min

Lab File: BG019133.D

Acq: 11 Oct 2015 1:02

Instrument :

BNA_G

ClientSampleId :

DUP-X

Tot Ion:136 Resp: 81507

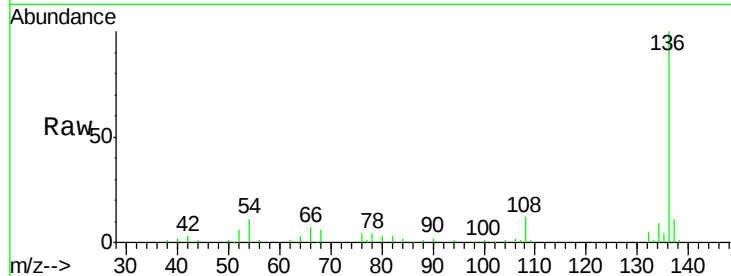
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.4

54 11.3 10.1 15.1

68 5.8 4.4 6.6

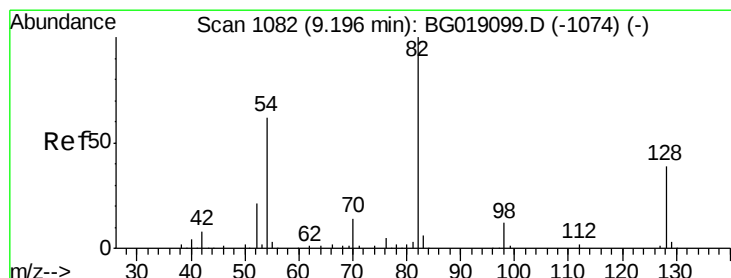
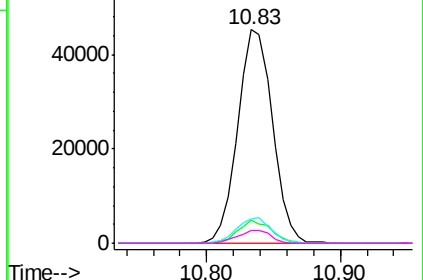
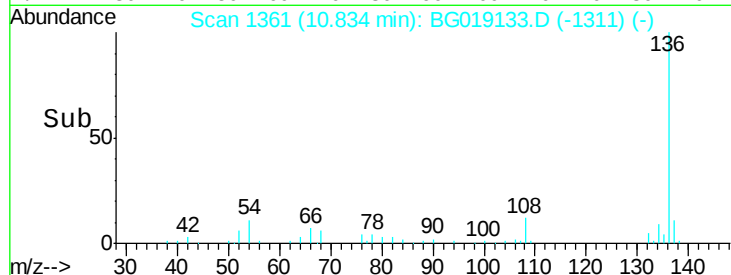


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 109.24 ng

RT: 9.19 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BG019133.D

Acq: 11 Oct 2015 1:02

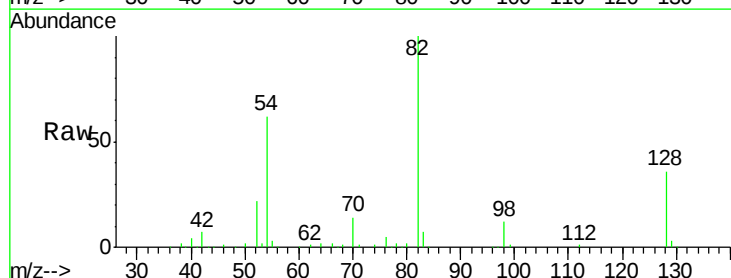
Tgt Ion: 82 Resp: 161141

Ion Ratio Lower Upper

82 100

128 36.4 31.4 47.2

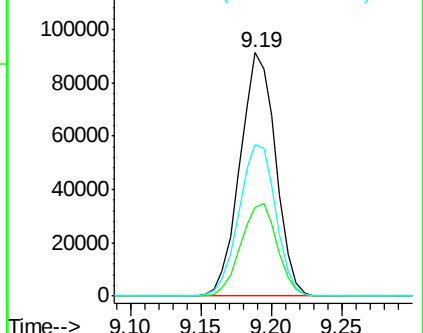
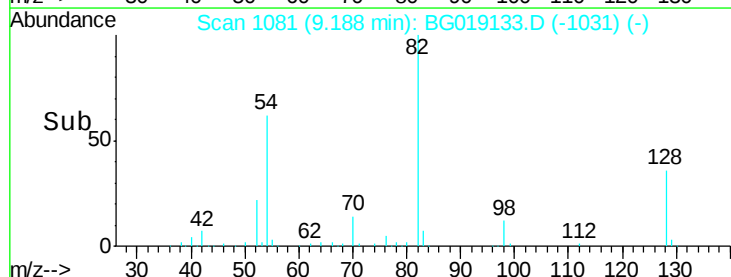
54 62.2 50.0 75.0

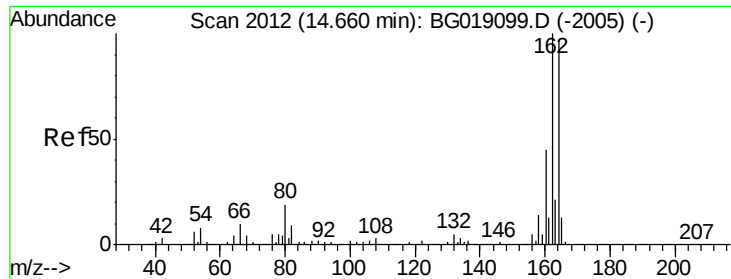


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

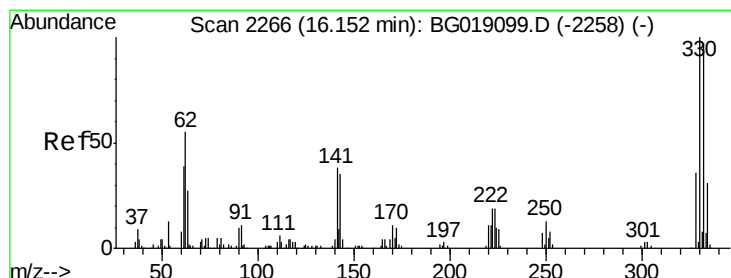
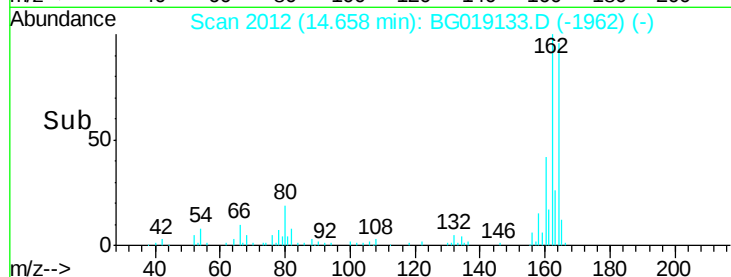
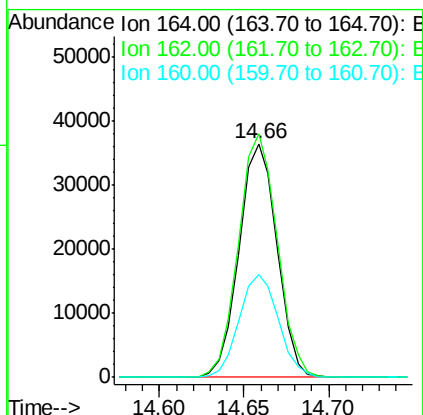
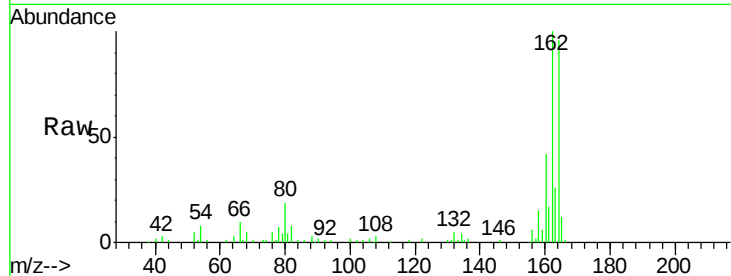




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG019133.D
Acq: 11 Oct 2015 1:02

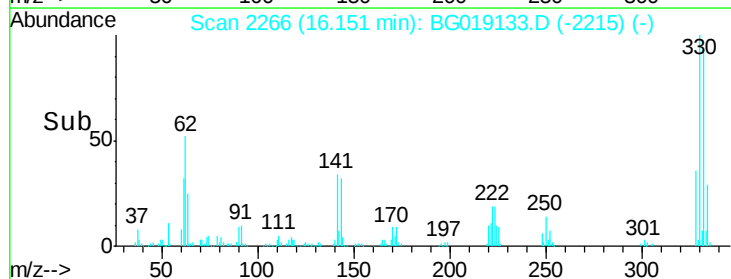
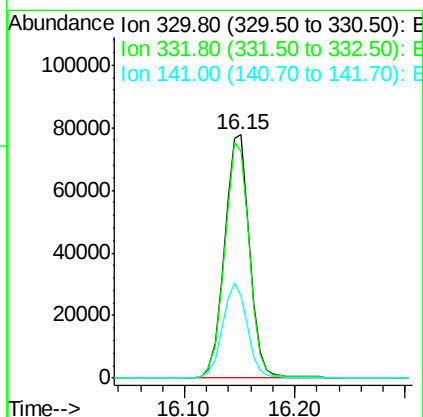
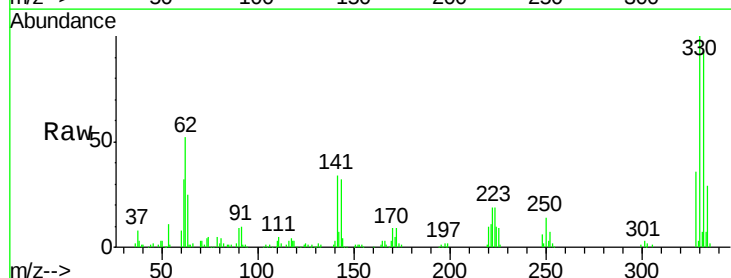
Instrument :
BNA_G
ClientSampleId :
DUP-X

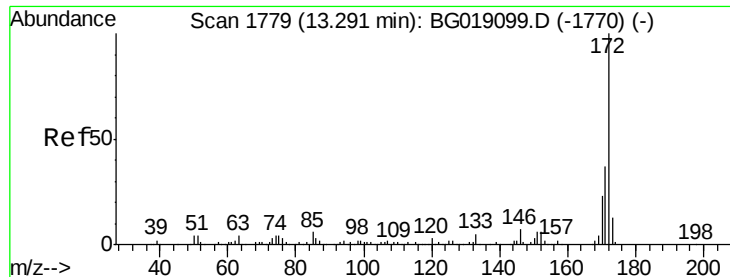
Tot Ion:164 Resp: 56834
Ion Ratio Lower Upper
164 100
162 104.1 82.6 124.0
160 43.9 36.9 55.3



#41
2,4,6-Tribromophenol
Concen: 159.01 ng
RT: 16.15 min Scan# 2266
Delta R.T. -0.00 min
Lab File: BG019133.D
Acq: 11 Oct 2015 1:02

Tgt Ion:330 Resp: 123146
Ion Ratio Lower Upper
330 100
332 96.1 77.3 115.9
141 38.5 30.7 46.1

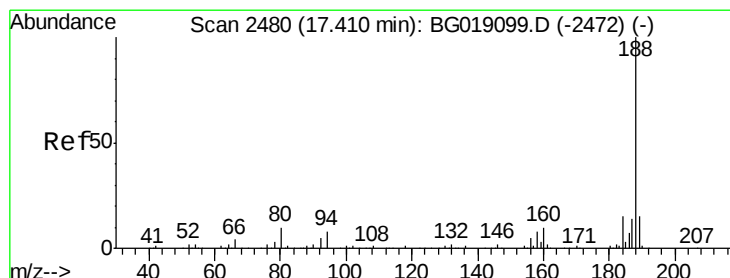
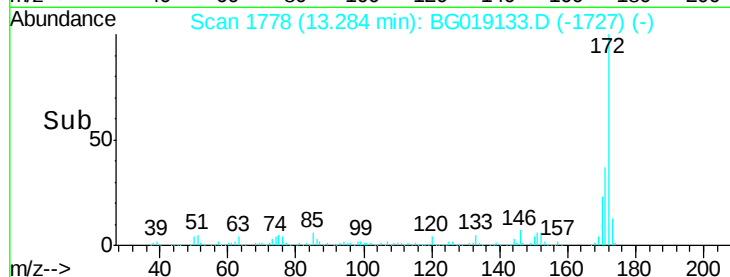
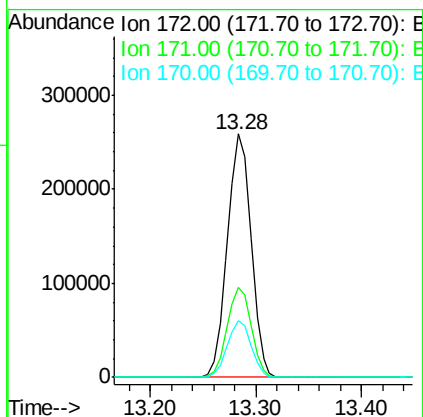
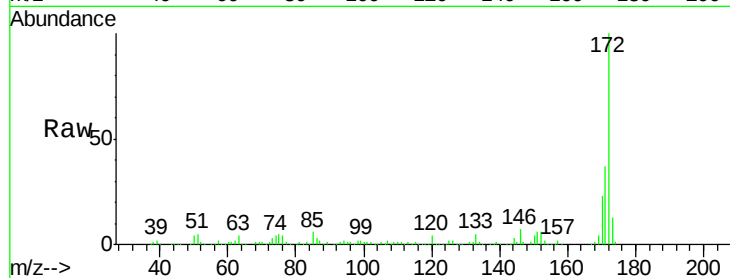




#44
 2-Fluorobiphenyl
 Concen: 108.78 ng
 RT: 13.28 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BG019133.D
 Acq: 11 Oct 2015 1:02

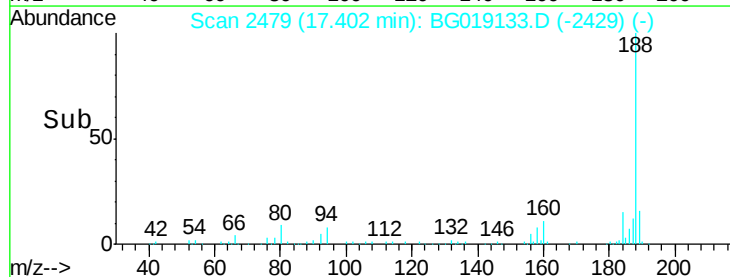
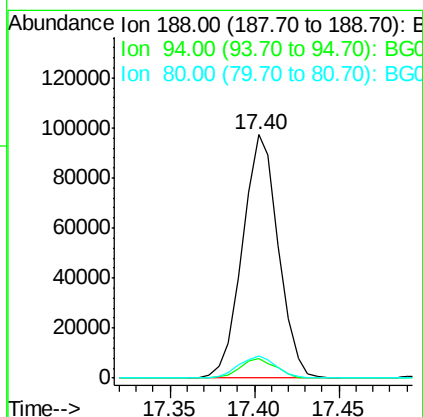
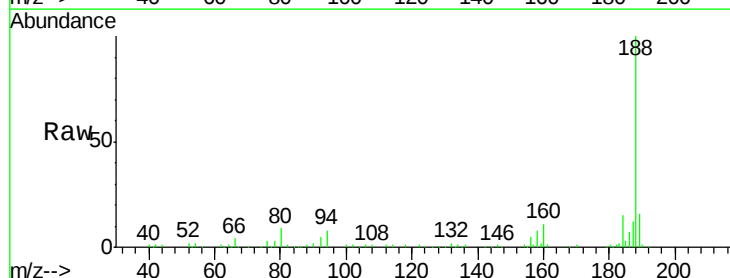
Instrument :
 BNA_G
 ClientSampleId :
 DUP-X

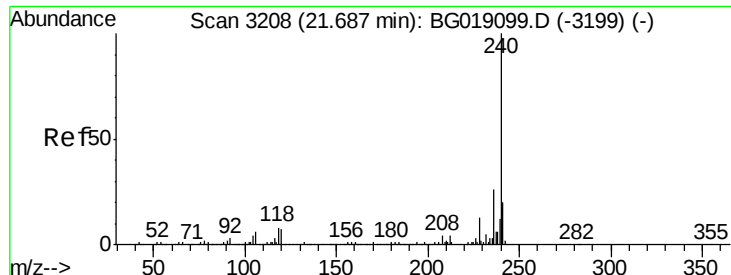
Tot Ion:172 Resp: 402062
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.9 44.9
 170 23.4 18.6 27.8



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.40 min Scan# 2479
 Delta R.T. -0.01 min
 Lab File: BG019133.D
 Acq: 11 Oct 2015 1:02

Tgt Ion:188 Resp: 143658
 Ion Ratio Lower Upper
 188 100
 94 8.1 6.4 9.6
 80 8.9 7.6 11.4

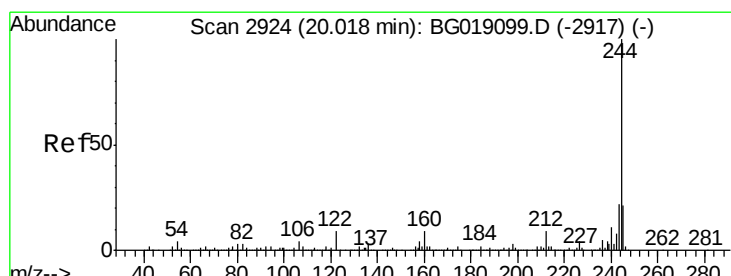
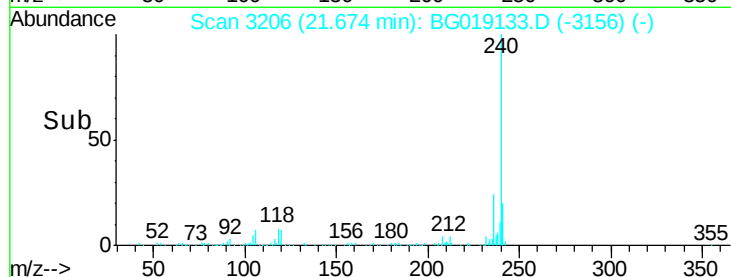
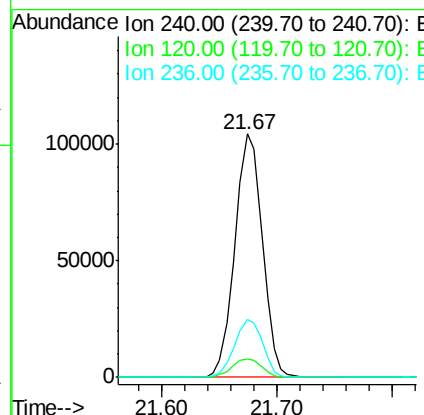
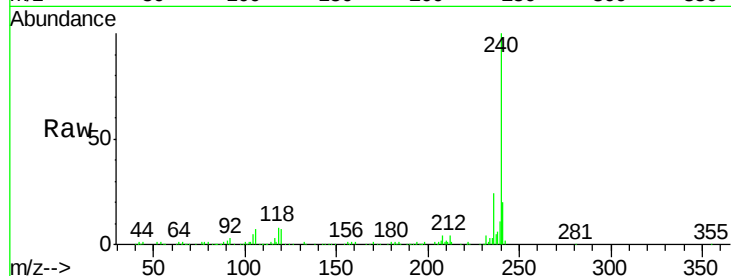




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.67 min Scan# 3206
Delta R.T. -0.01 min
Lab File: BG019133.D
Acq: 11 Oct 2015 1:02

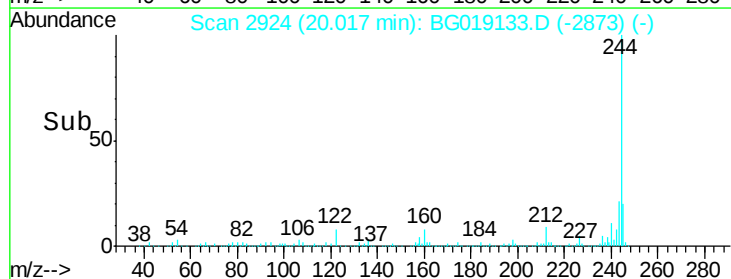
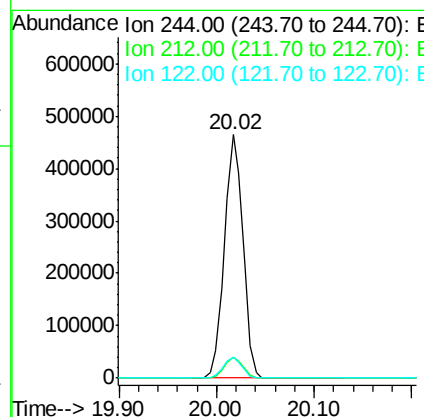
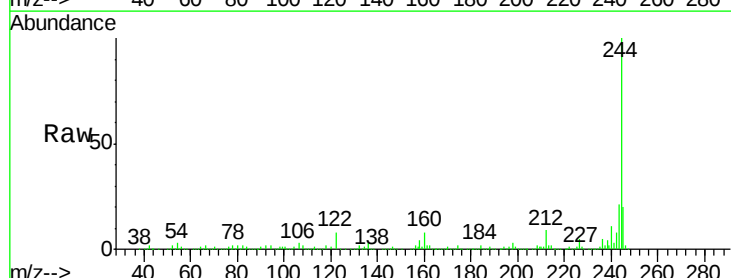
Instrument :
BNA_G
ClientSampled :
DUP-X

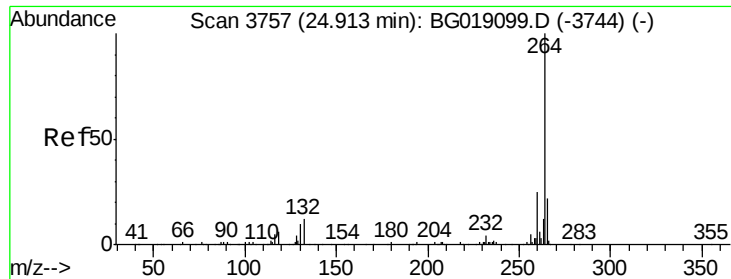
Tot Ion:240 Resp: 172453
Ion Ratio Lower Upper
240 100
120 7.5 5.8 8.6
236 24.0 21.2 31.8



#78
Terphenyl-d14
Concen: 93.54 ng
RT: 20.02 min Scan# 2924
Delta R.T. -0.00 min
Lab File: BG019133.D
Acq: 11 Oct 2015 1:02

Tgt Ion:244 Resp: 610645
Ion Ratio Lower Upper
244 100
212 8.7 6.8 10.2
122 8.5 7.4 11.2





#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.90 min Scan# 3755
Delta R.T. -0.01 min
Lab File: BG019133.D
Acq: 11 Oct 2015 1:02

Instrument :
BNA_G
ClientSampleId :
DUP-X

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.1	30.1
265	21.2	17.2	25.8

