

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 07:28:42 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

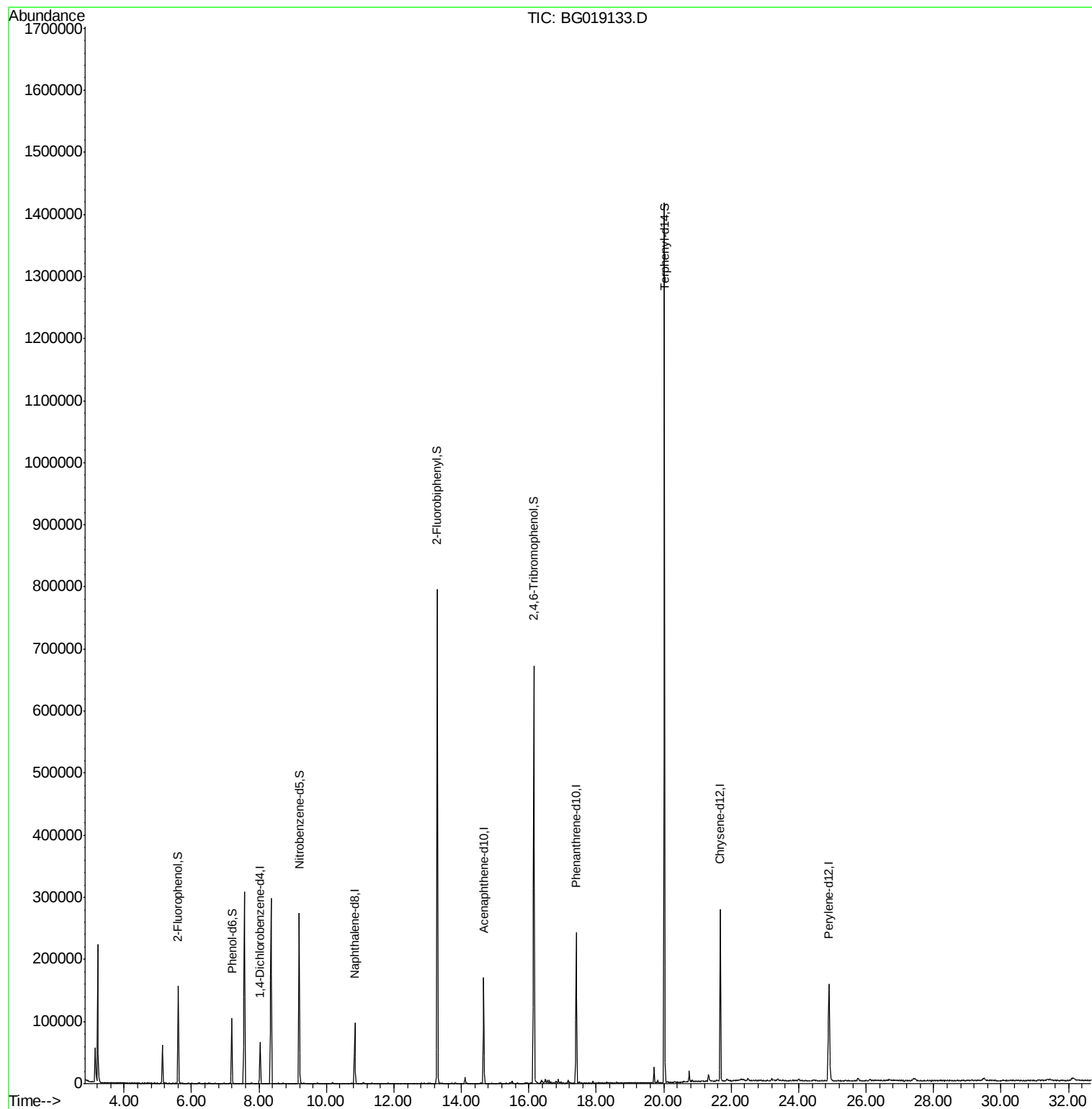
Target Compounds	Qvalue
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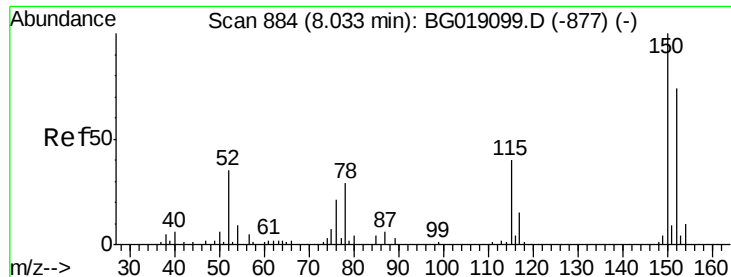
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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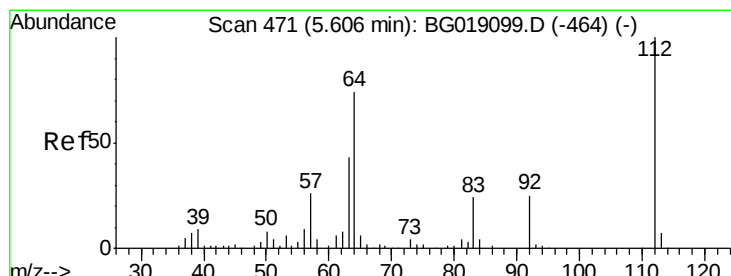
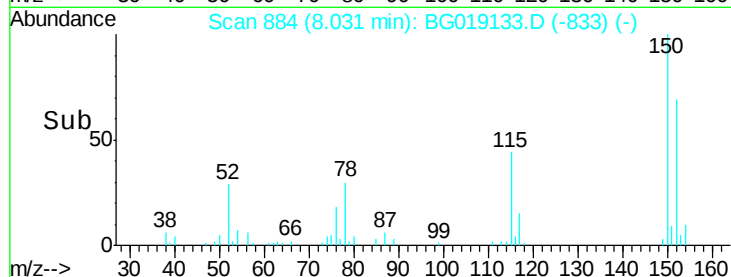
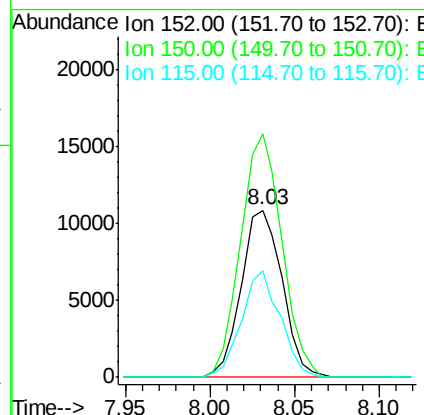
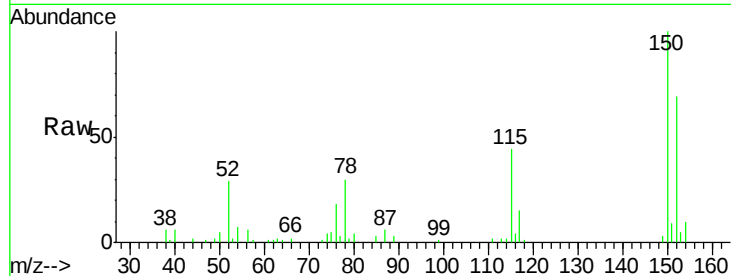




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.03 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BG019133.D
 Acq: 11 Oct 2015 1:02

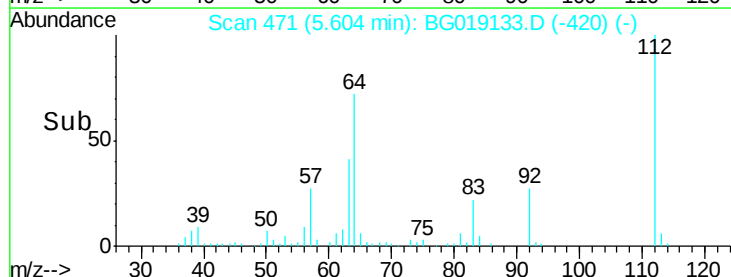
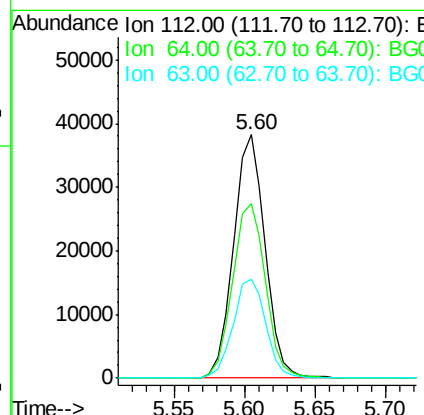
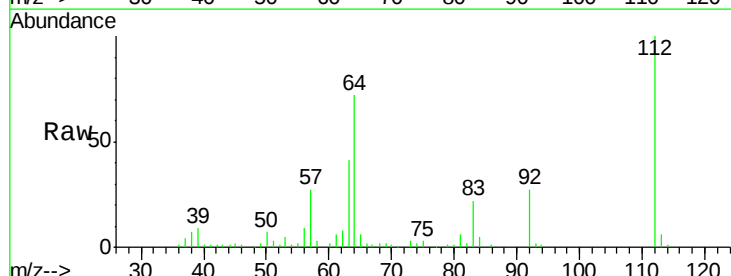
Instrument :
 BNA_G
 ClientSampleId :
 DUP-X

Tgt Ion:152 Resp: 18271
 Ion Ratio Lower Upper
 152 100
 150 145.9 108.2 162.2
 115 64.0 43.2 64.8



#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





#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

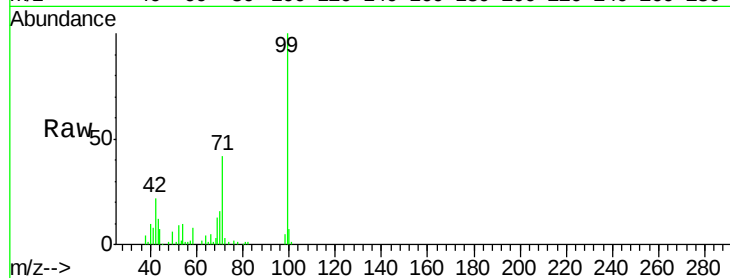
Tgt Ion: 99 Resp: 53197

Ion Ratio Lower Upper

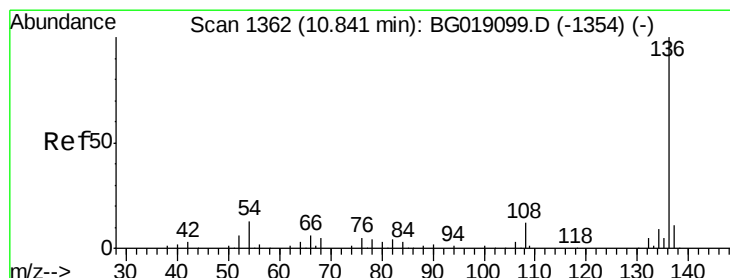
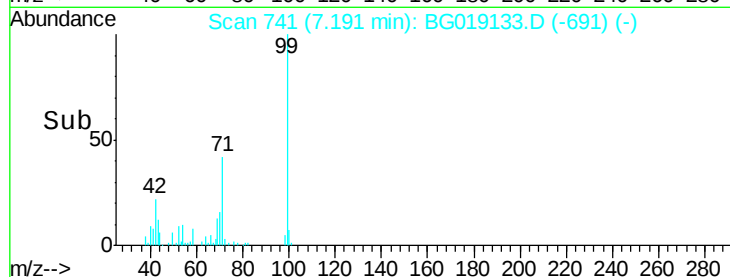
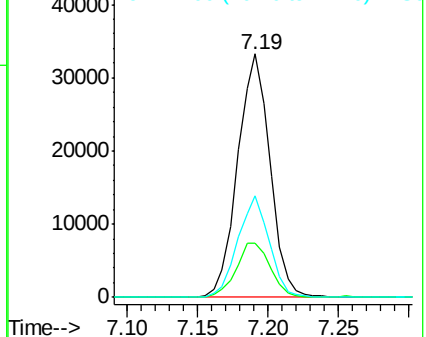
99 100

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



#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

Tgt Ion: 136 Resp: 81507

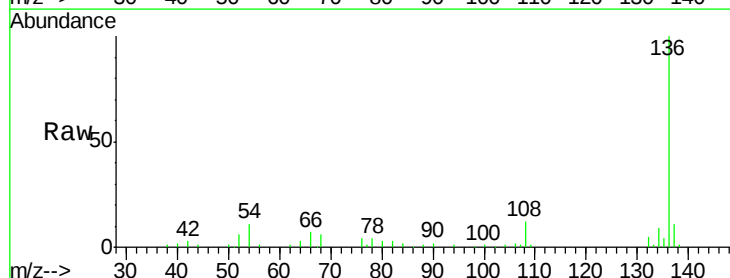
Ion Ratio Lower Upper

136 100

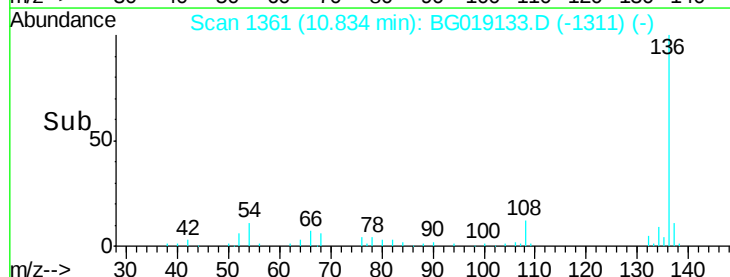
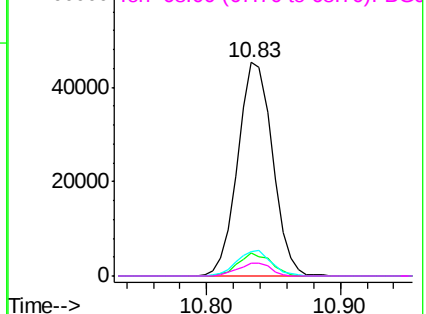
137 10.6 9.0 13.4

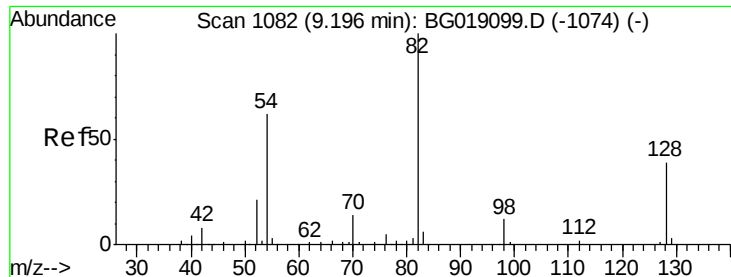
54 11.3 10.1 15.1

68 5.8 4.4 6.6



Abundance Ion 136.00 (135.70 to 136.70): 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

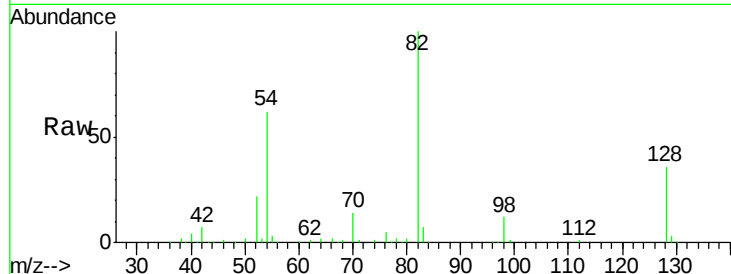




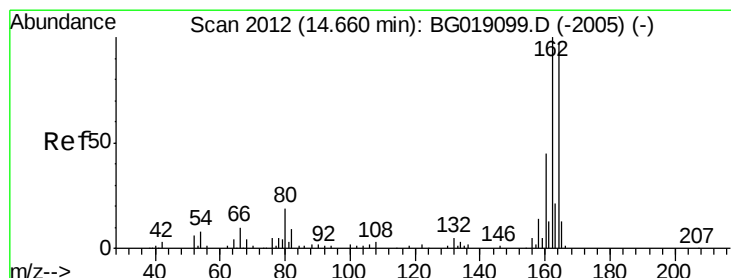
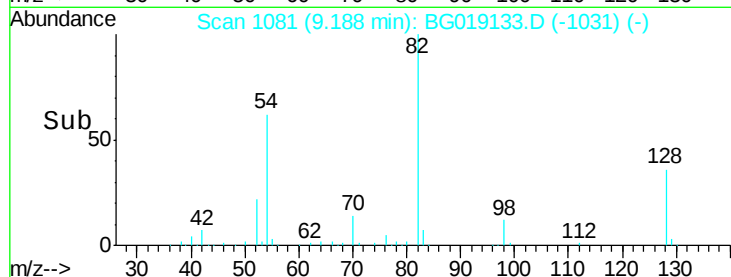
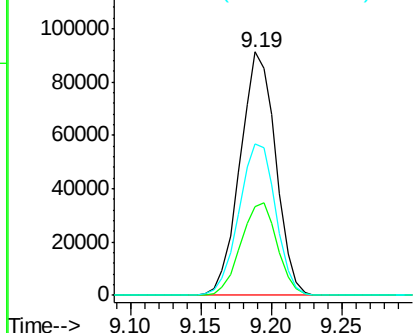
#23
 Nitrobenzene-d5
 Concen: 109.24 ng
 RT: 9.19 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BG019133.D
 Acq: 11 Oct 2015 1:02

Instrument :
 BNA_G
 ClientSampleId :
 DUP-X

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

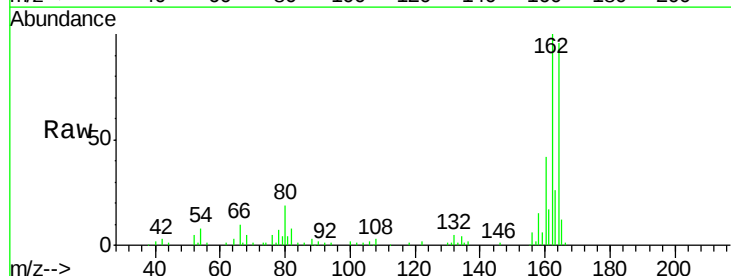


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

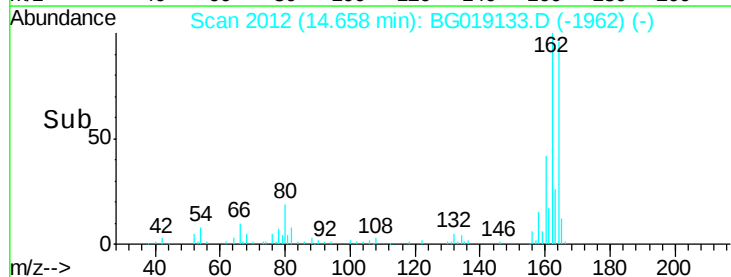
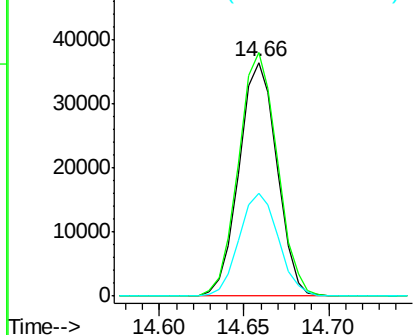


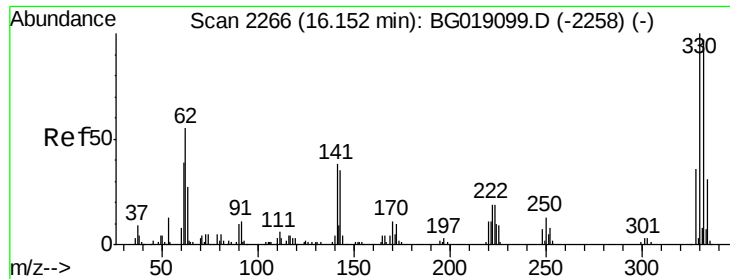
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.66 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BG019133.D
 Acq: 11 Oct 2015 1:02

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



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

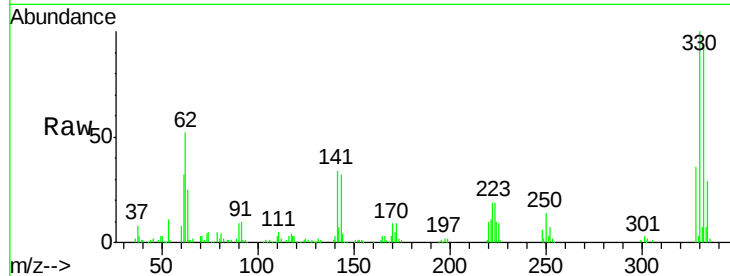




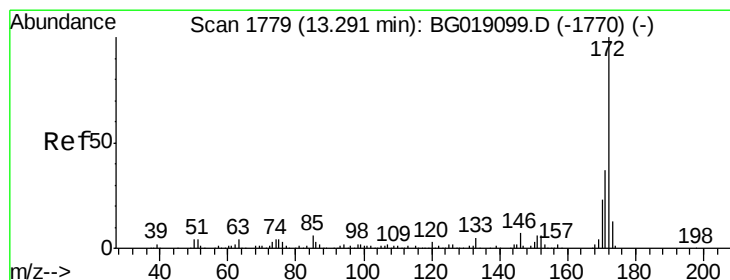
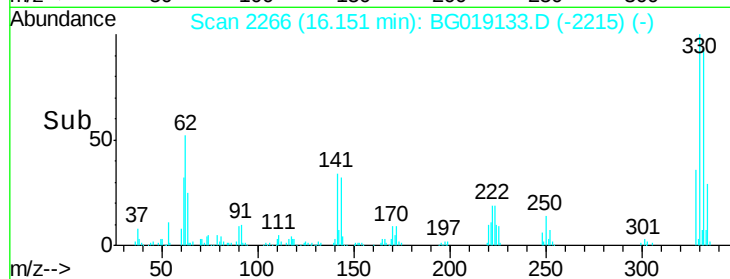
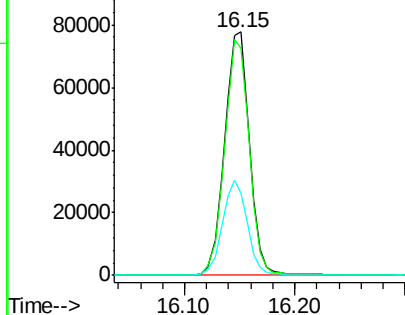
#41
 2,4,6-Tribromophenol
 Concen: 159.01 ng
 RT: 16.15 min Scan# 2266
 Delta R.T. -0.00 min
 Lab File: BG019133.D
 Acq: 11 Oct 2015 1:02

Instrument :
 BNA_G
 ClientSampled :
 DUP-X

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

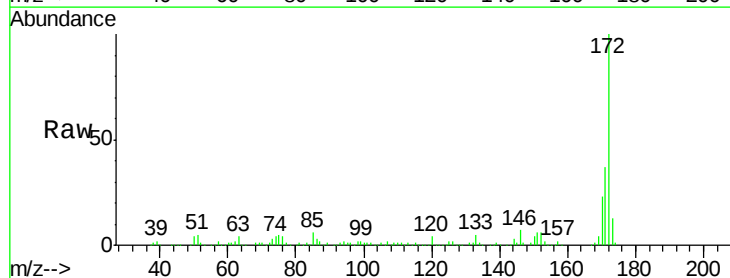


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

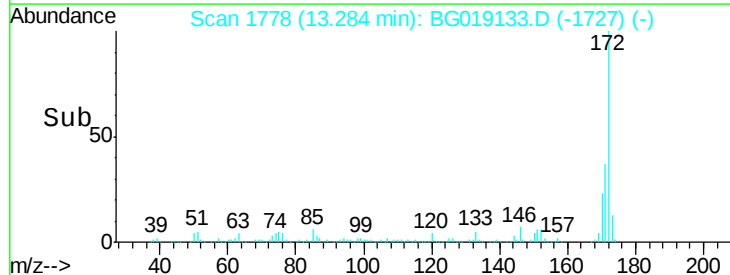
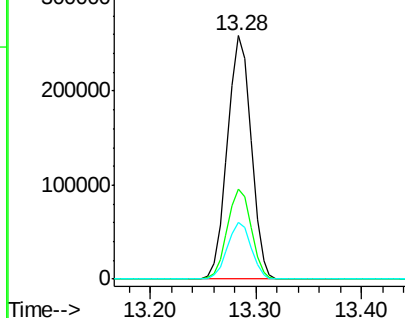


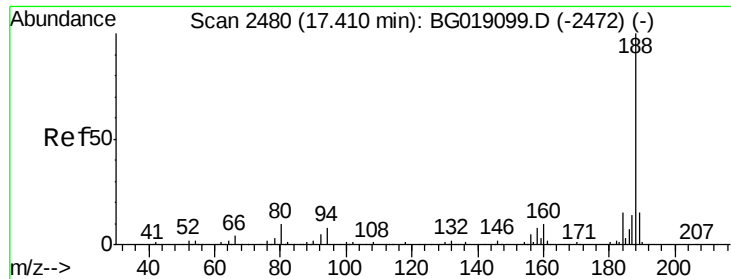
#44
 2-Fluorobiphenyl
 Concen: 108.78 ng
 RT: 13.28 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BG019133.D
 Acq: 11 Oct 2015 1:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.9	44.9
170	23.4	18.6	27.8



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

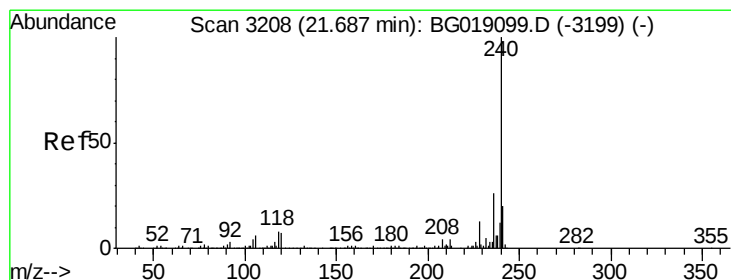
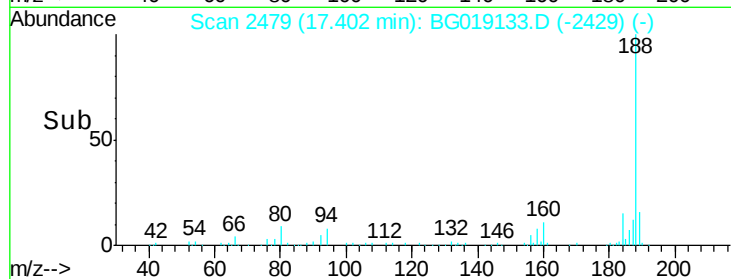
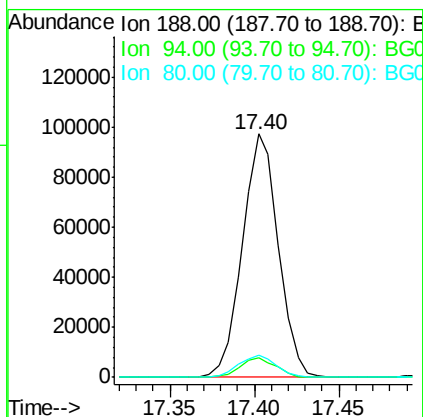
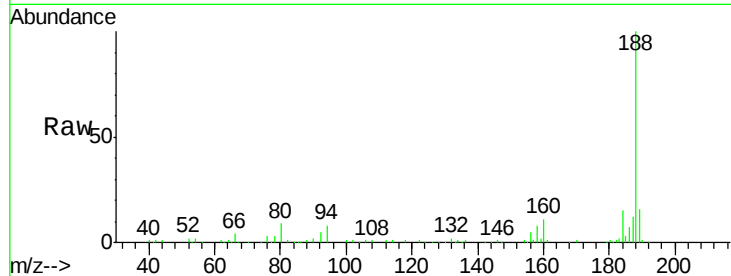




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.40 min Scan# 2479
Delta R.T. -0.01 min
Lab File: BG019133.D
Acq: 11 Oct 2015 1:02

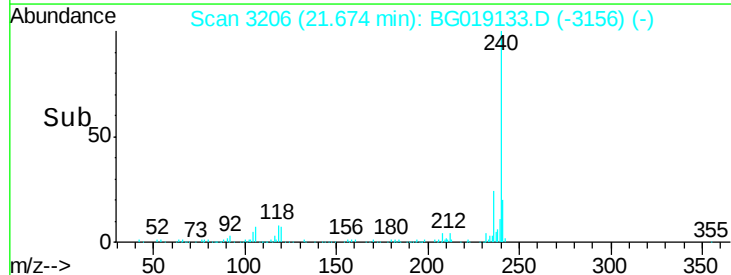
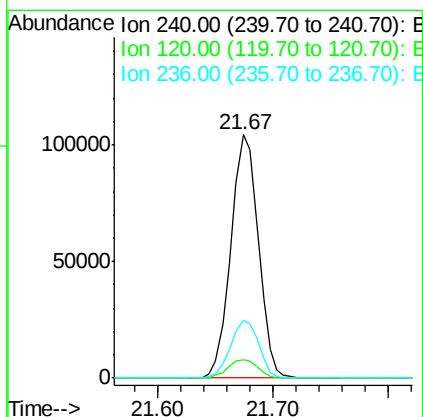
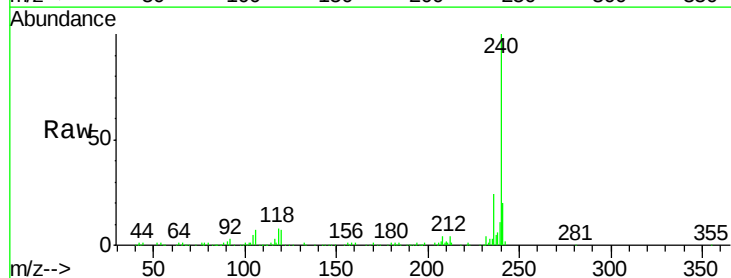
Instrument :
BNA_G
ClientSampleId :
DUP-X

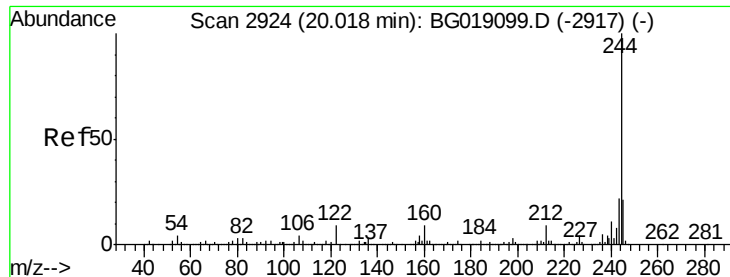
Tgt Ion:188 Resp: 143658
Ion Ratio Lower Upper
188 100
94 8.1 6.4 9.6
80 8.9 7.6 11.4



#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

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

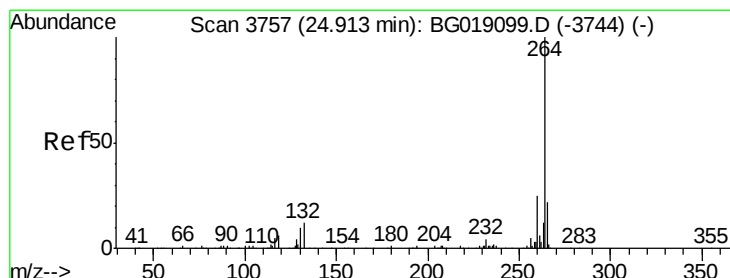
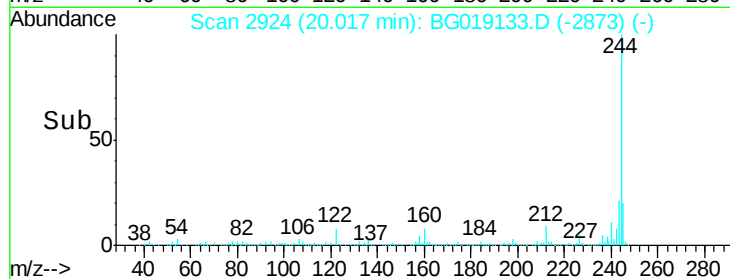
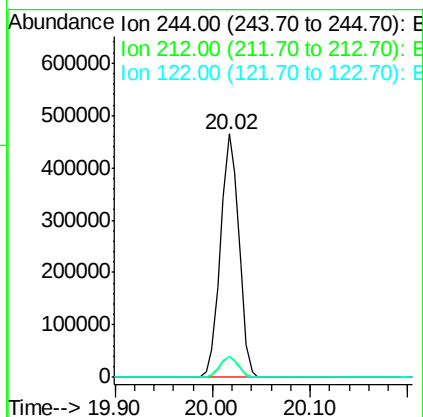
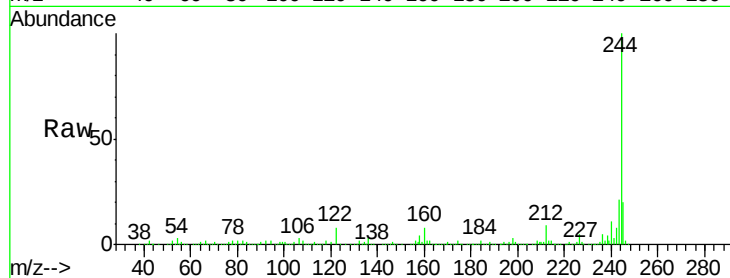




#78
 Terphenyl-d14
 Concen: 93.54 ng
 RT: 20.02 min Scan# 2924
 Delta R.T. -0.00 min
 Lab File: BG019133.D
 Acq: 11 Oct 2015 1:02

Instrument :
 BNA_G
 ClientSampleId :
 DUP-X

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
 Perylene-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

Tgt Ion:264 Resp: 166701
 Ion Ratio Lower Upper
 264 100
 260 24.9 20.1 30.1
 265 21.2 17.2 25.8

