

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071715\
 Data File : BG017933.D
 Acq On : 17 Jul 2015 19:48
 Operator : TP/UM
 Sample : G2977-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FLATBUSH-N-GW

Quant Time: Jul 18 02:31:32 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 18 01:50:30 2015
 Response via : Initial Calibration

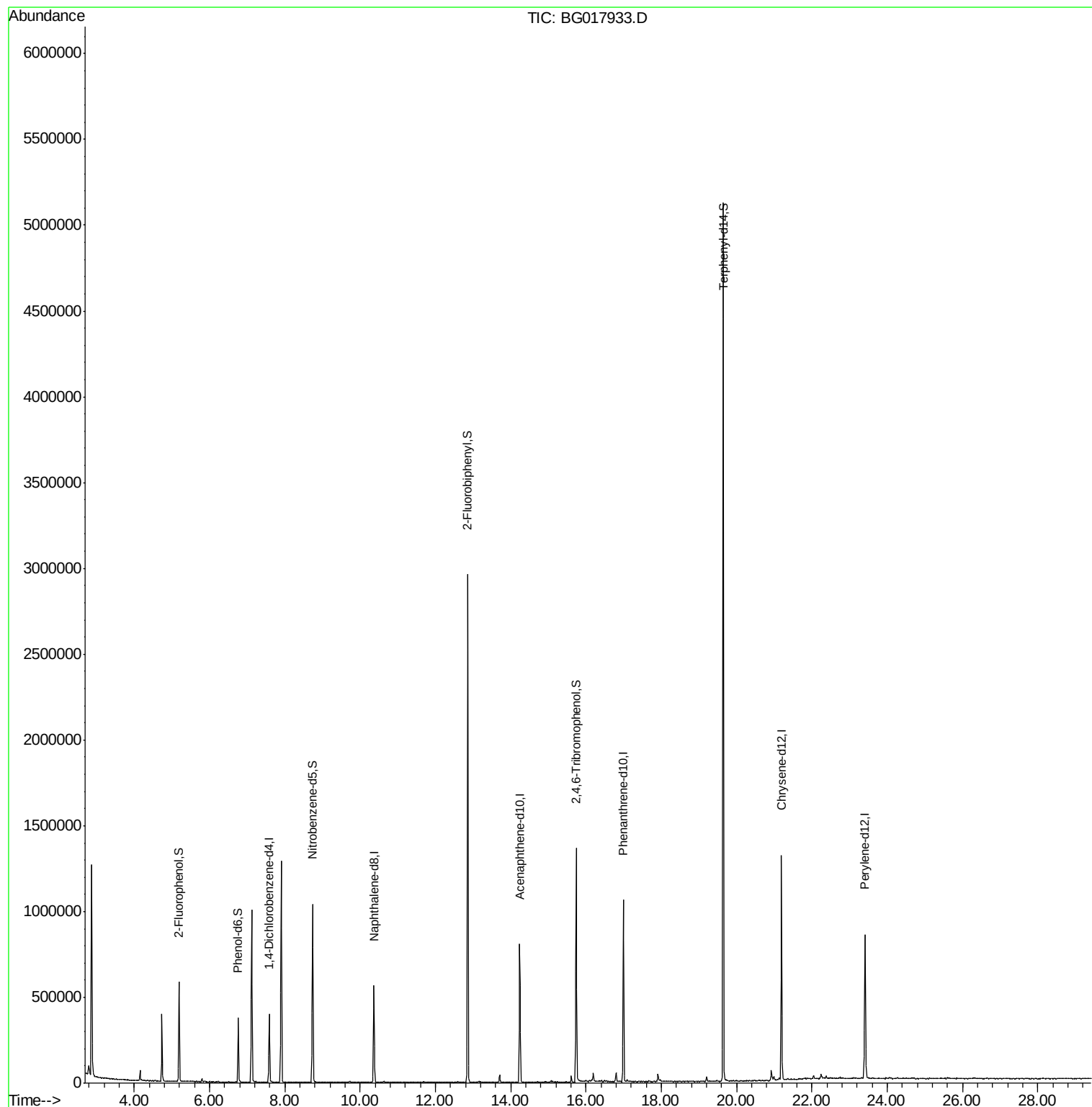
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	104907	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	470636	20.00	ng	0.00
38) Acenaphthene-d10	14.24	164	280204	20.00	ng	0.00
63) Phenanthrene-d10	16.99	188	574535	20.00	ng	0.00
75) Chrysene-d12	21.20	240	588756	20.00	ng	0.00
86) Perylene-d12	23.41	264	567957	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	249615	41.51	ng	0.00
7) Phenol-d6	6.76	99	214246	27.19	ng	0.00
23) Nitrobenzene-d5	8.74	82	593601	81.69	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	225828	79.55	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	1379853	85.34	ng	0.00
78) Terphenyl-d14	19.64	244	1913068	81.85	ng	0.00
Target Compounds						
32) Benzoic acid	9.59	122	60	Below Cal	#	1
53) 2,4-Dinitrophenol	14.19	184	62	Below Cal	#	24
69) Pentachlorophenol	16.64	266	57	Below Cal	#	18

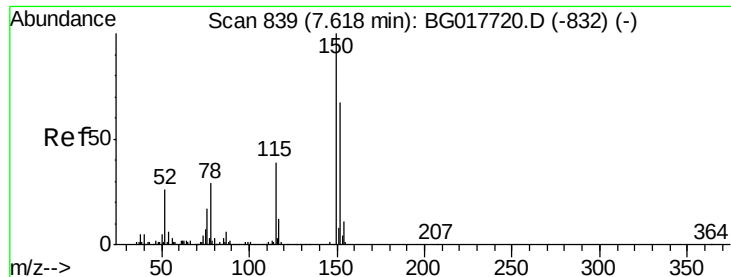
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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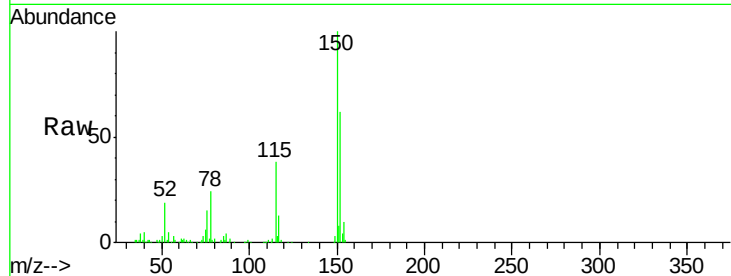


#1

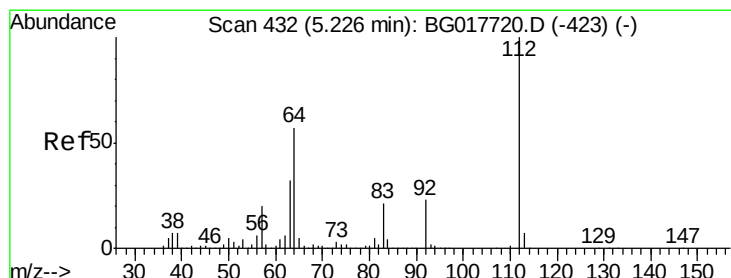
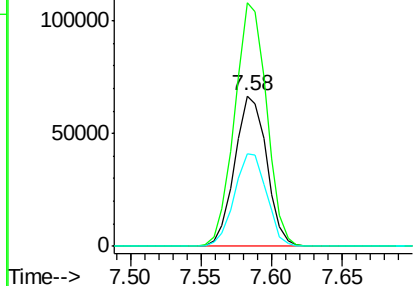
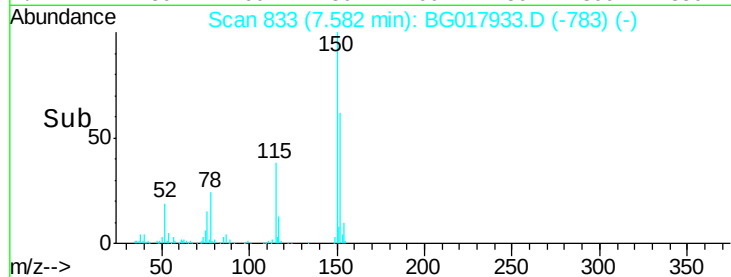
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.58 min Scan# 833
Delta R.T. -0.01 min
Lab File: BG017933.D
Acq: 17 Jul 2015 19:48

Instrument :
BNA_G
ClientSampleId :
FLATBUSH-N-GW

Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.1	119.1	178.7
115	61.3	47.0	70.4



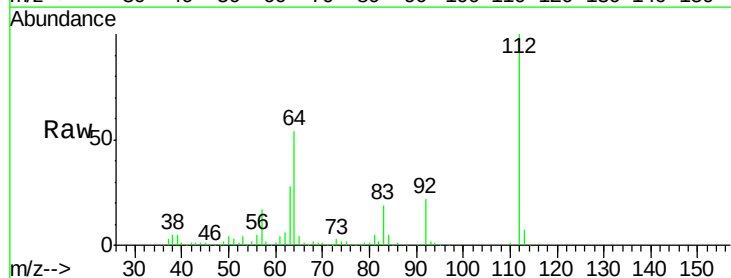
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



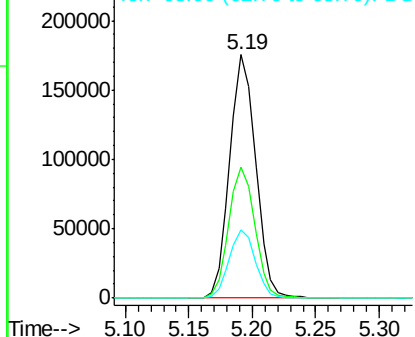
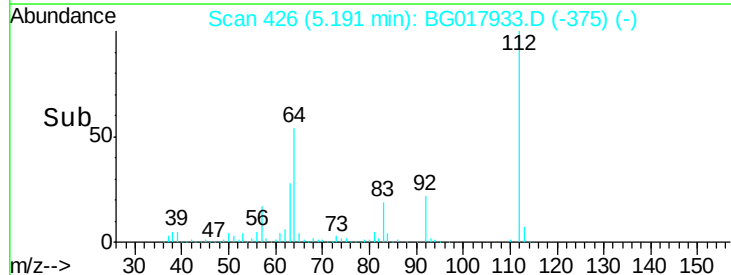
#5

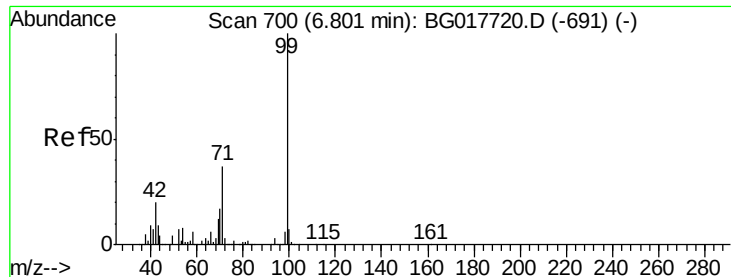
2-Fluorophenol
Concen: 41.51 ng
RT: 5.19 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG017933.D
Acq: 17 Jul 2015 19:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.0	45.4	68.0
63	28.2	25.3	37.9



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: 27.19 ng

RT: 6.76 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG017933.D

Acq: 17 Jul 2015 19:48

Instrument :

BNA_G

ClientSampleId :

FLATBUSH-N-GW

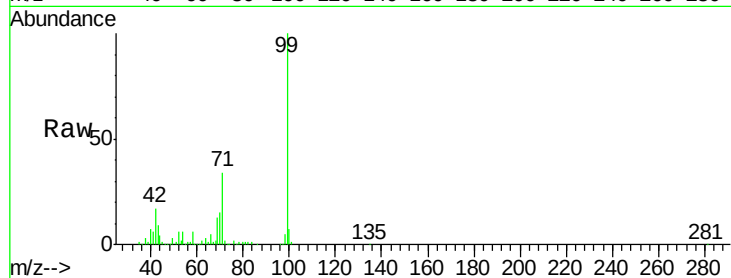
Tgt Ion: 99 Resp: 214246

Ion Ratio Lower Upper

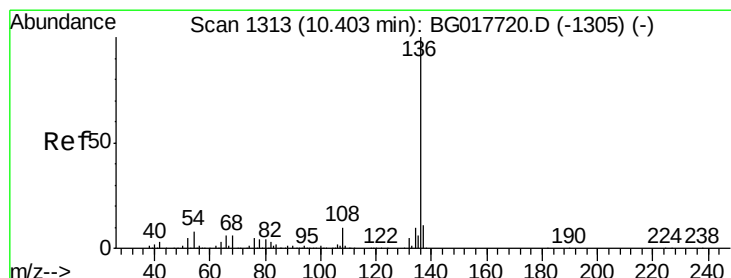
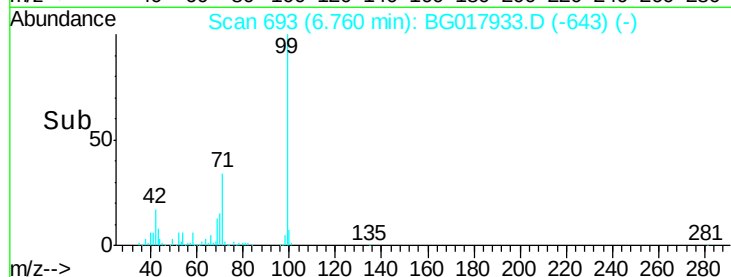
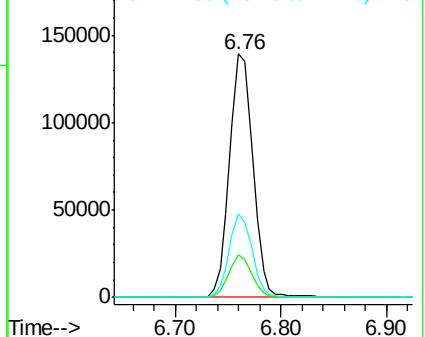
99 100

42 17.3 16.2 24.4

71 34.3 29.5 44.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.36 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BG017933.D

Acq: 17 Jul 2015 19:48

Tgt Ion: 136 Resp: 470636

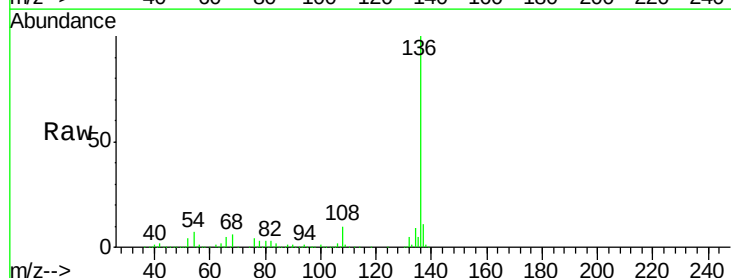
Ion Ratio Lower Upper

136 100

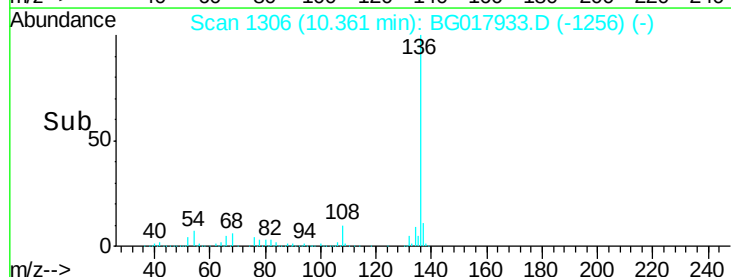
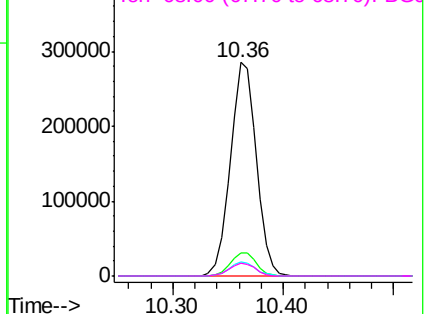
137 10.7 8.8 13.2

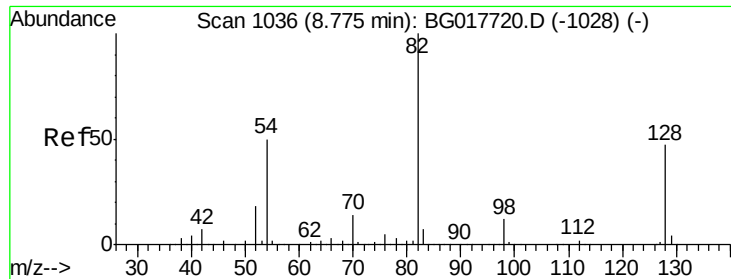
54 6.5 6.6 9.8#

68 5.7 5.1 7.7



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

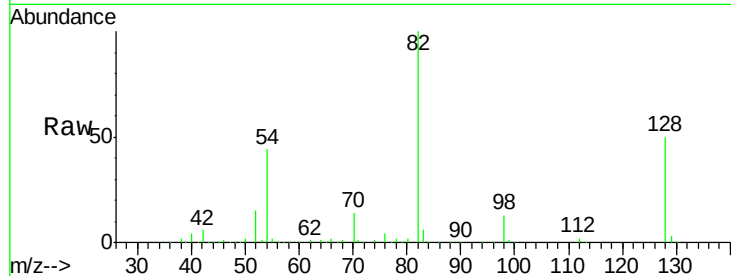




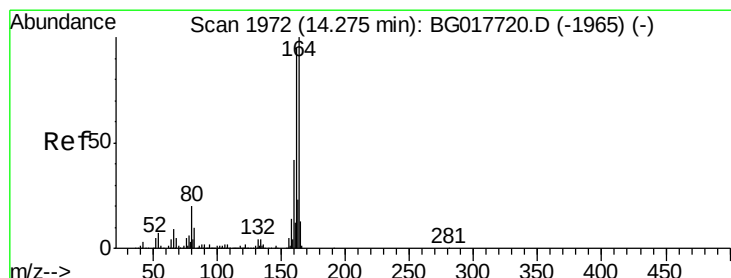
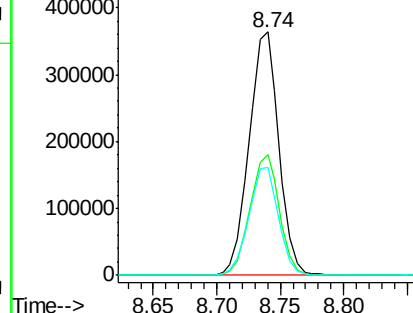
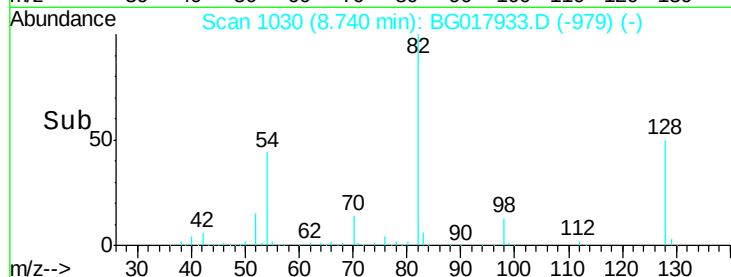
#23
 Nitrobenzene-d5
 Concen: 81.69 ng
 RT: 8.74 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BG017933.D
 Acq: 17 Jul 2015 19:48

Instrument :
 BNA_G
 ClientSampleId :
 FLATBUSH-N-GW

Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.8	37.8	56.6
54	44.2	39.9	59.9

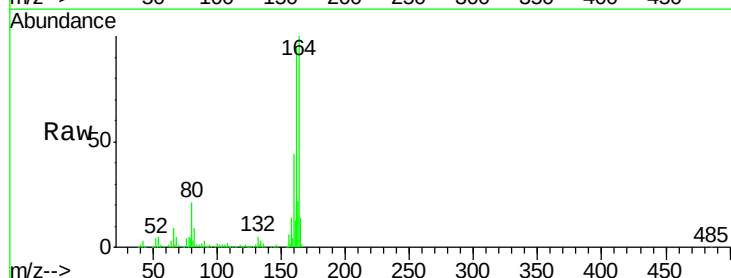


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

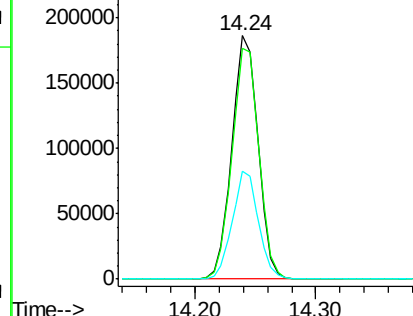
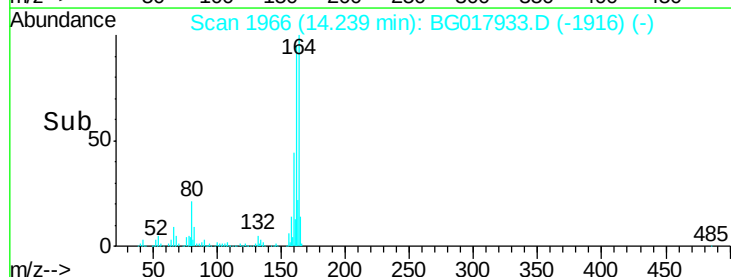


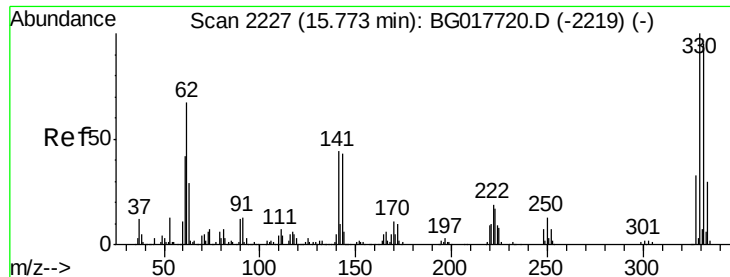
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.24 min Scan# 1966
 Delta R.T. -0.01 min
 Lab File: BG017933.D
 Acq: 17 Jul 2015 19:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.9	76.3	114.5
160	44.4	33.7	50.5



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

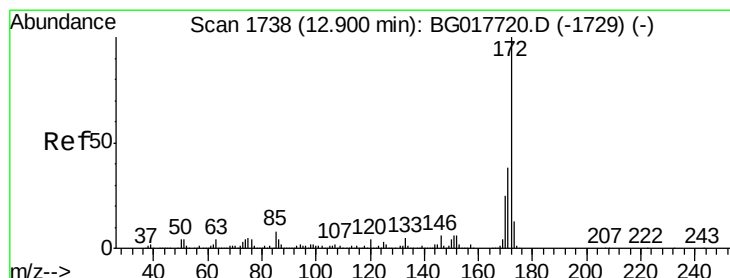
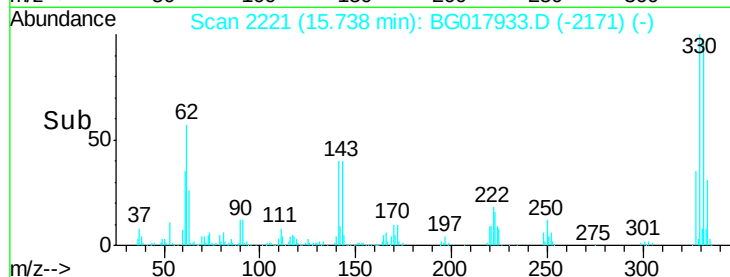
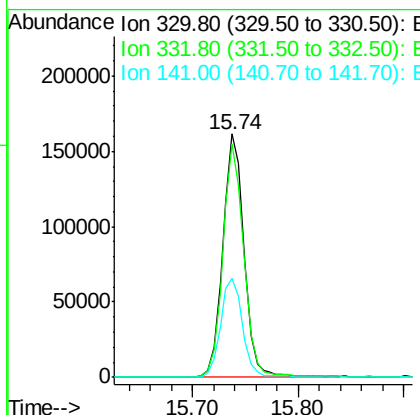
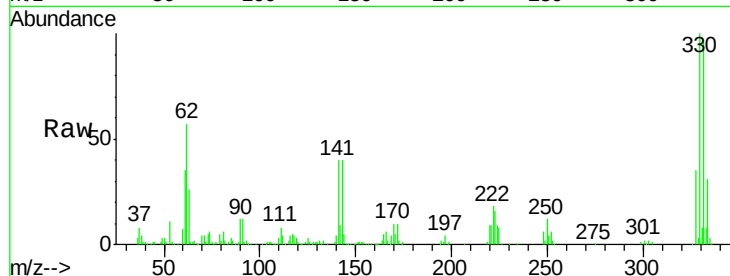




#41
 2,4,6-Tribromophenol
 Concen: 79.55 ng
 RT: 15.74 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BG017933.D
 Acq: 17 Jul 2015 19:48

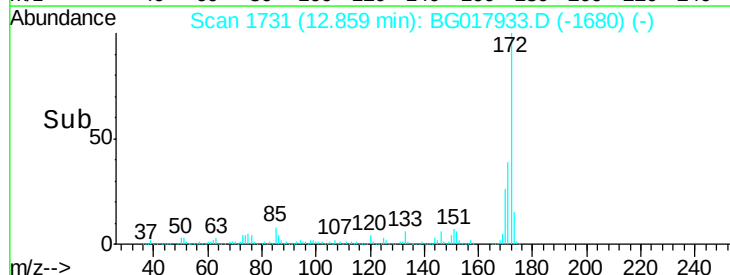
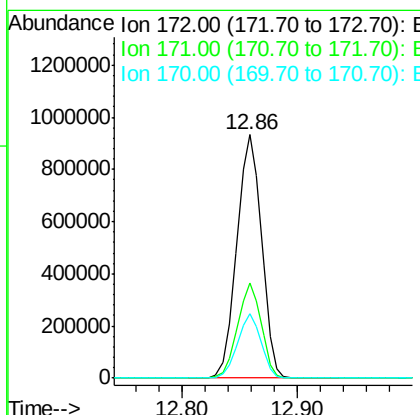
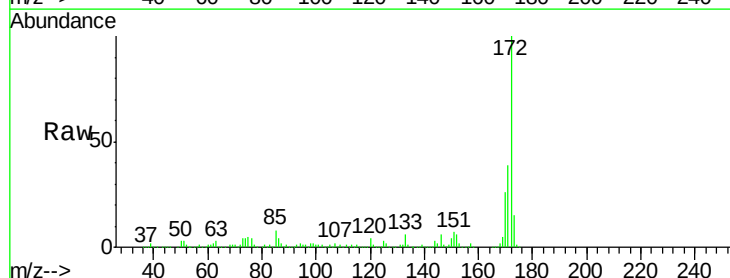
Instrument :
 BNA_G
 ClientSampleId :
 FLATBUSH-N-GW

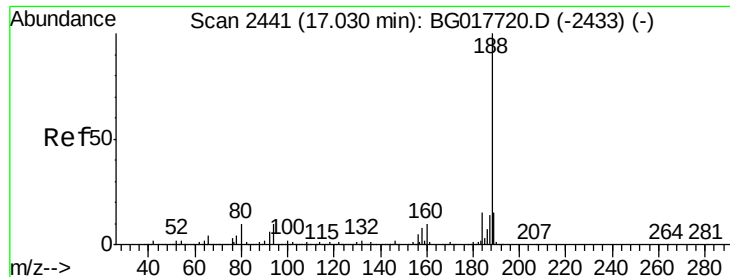
Tgt Ion:330 Resp: 225828
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.8 115.2
 141 42.0 38.0 57.0



#44
 2-Fluorobiphenyl
 Concen: 85.34 ng
 RT: 12.86 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: BG017933.D
 Acq: 17 Jul 2015 19:48

Tgt Ion:172 Resp: 1379853
 Ion Ratio Lower Upper
 172 100
 171 38.9 30.7 46.1
 170 26.5 19.7 29.5

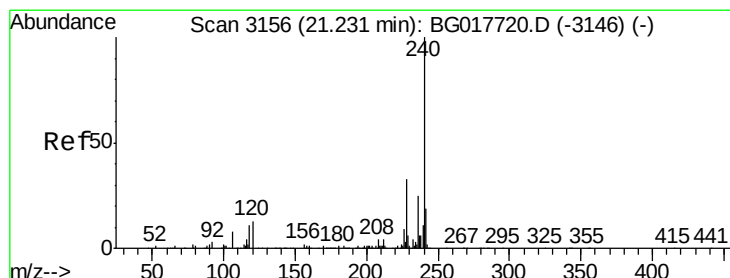
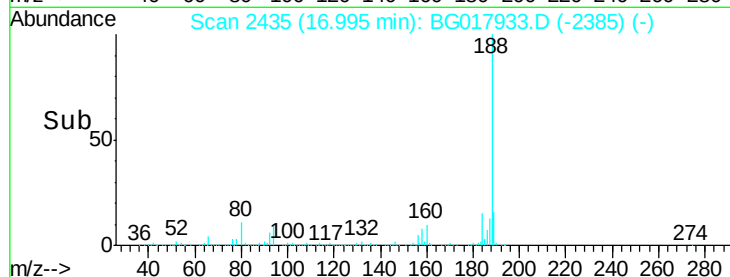
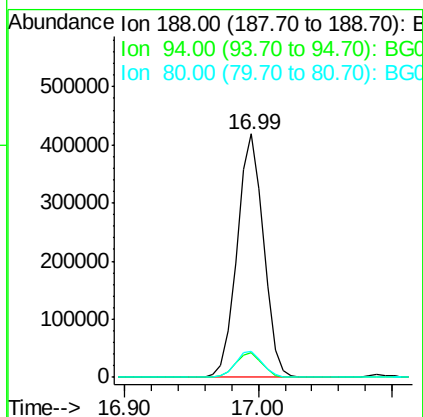
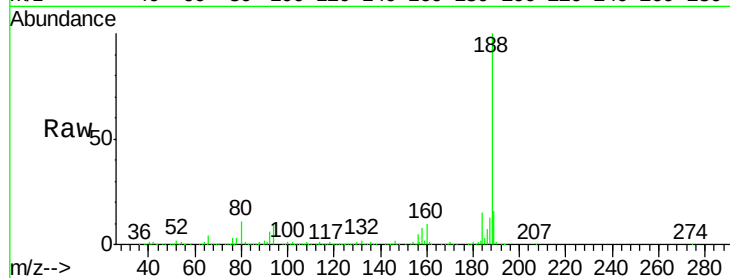




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.99 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG017933.D
Acq: 17 Jul 2015 19:48

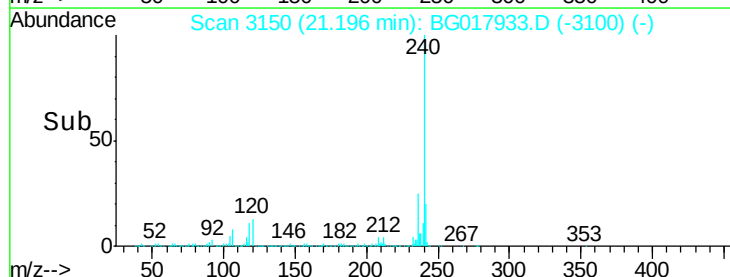
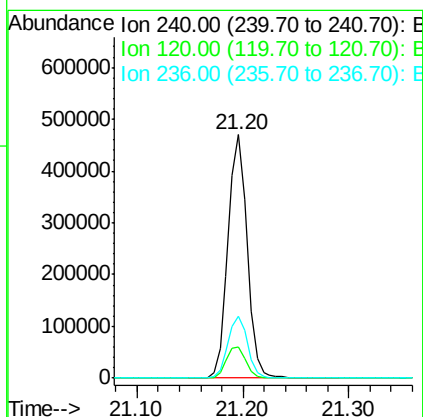
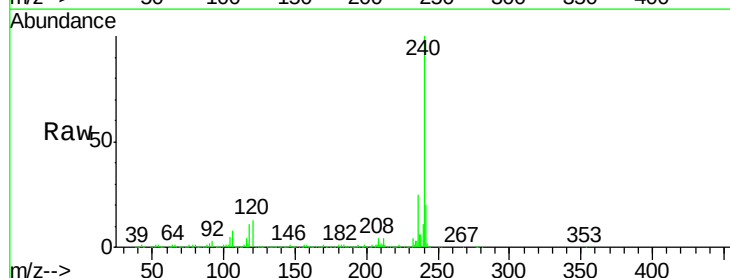
Instrument :
BNA_G
ClientSampleId :
FLATBUSH-N-GW

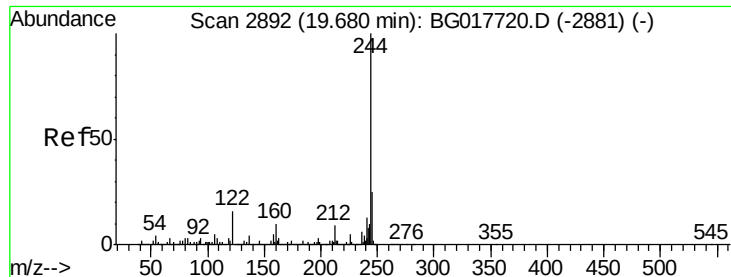
Tgt Ion:188 Resp: 574535
Ion Ratio Lower Upper
188 100
94 10.0 8.2 12.2
80 10.6 8.2 12.4



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.20 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG017933.D
Acq: 17 Jul 2015 19:48

Tgt Ion:240 Resp: 588756
Ion Ratio Lower Upper
240 100
120 12.8 10.8 16.2
236 25.5 20.0 30.0





#78

Terphenyl-d14

Concen: 81.85 ng

RT: 19.64 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG017933.D

Acq: 17 Jul 2015 19:48

Instrument :

BNA_G

ClientSampleId :

FLATBUSH-N-GW

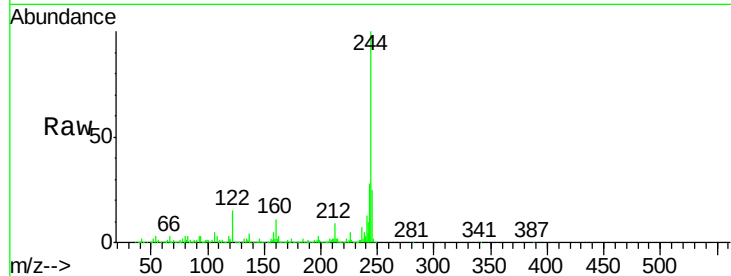
Tgt Ion:244 Resp: 1913068

Ion Ratio Lower Upper

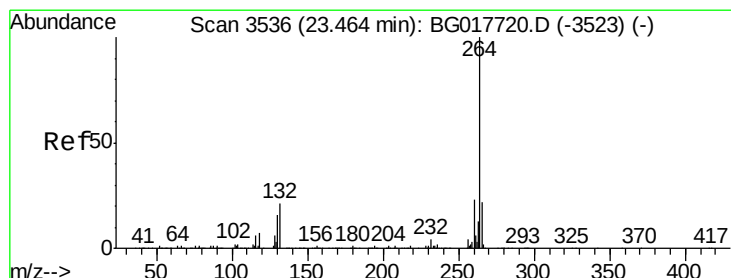
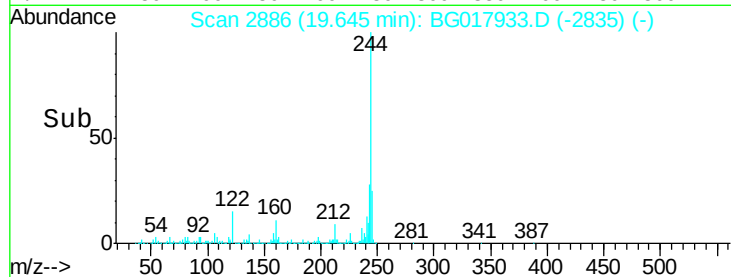
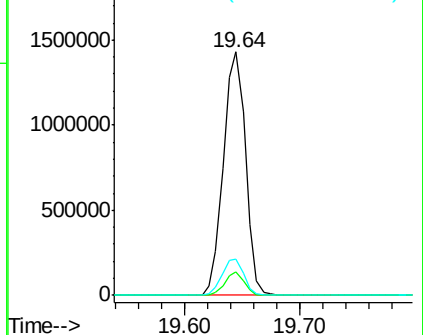
244 100

212 9.5 7.2 10.8

122 15.0 12.8 19.2



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: 20.00 ng

RT: 23.41 min Scan# 3527

Delta R.T. -0.01 min

Lab File: BG017933.D

Acq: 17 Jul 2015 19:48

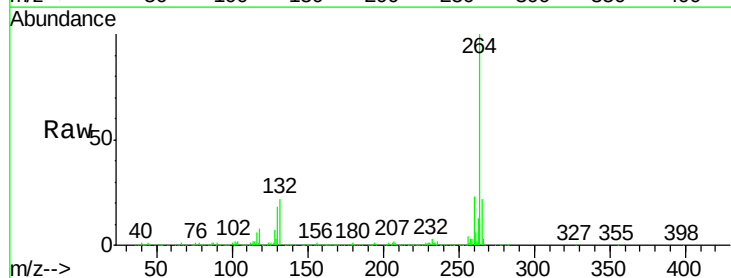
Tgt Ion:264 Resp: 567957

Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

265 21.6 18.2 27.2



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

