

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041217\
 Data File : BG026643.D
 Acq On : 12 Apr 2017 19:53
 Operator : SJ/MA
 Sample : I2635-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 13 01:14:50 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	150119	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	607179	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	359061	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	918866	20.00	ng	-0.02
75) Chrysene-d12	21.62	240	1260040	20.00	ng	-0.02
86) Perylene-d12	24.79	264	1215190	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	580576	68.64	ng	-0.01
7) Phenol-d6	7.20	99	453533	39.94	ng	-0.01
23) Nitrobenzene-d5	9.19	82	882090	87.35	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	727637	176.96	ng	-0.02
44) 2-Fluorobiphenyl	13.27	172	2403668	93.88	ng	-0.02
78) Terphenyl-d14	19.97	244	3797101	73.18	ng	-0.02

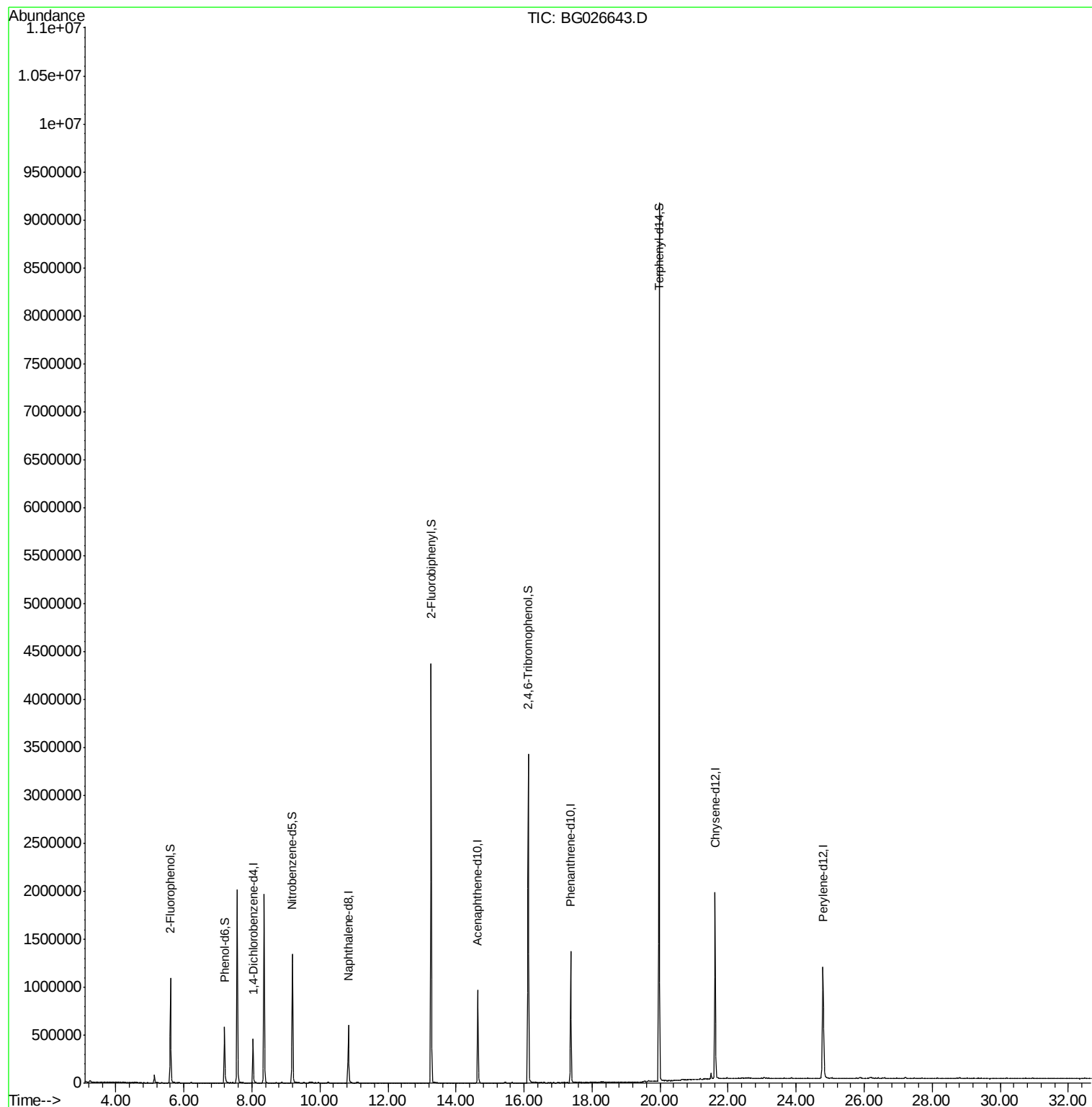
Target Compounds Qvalue

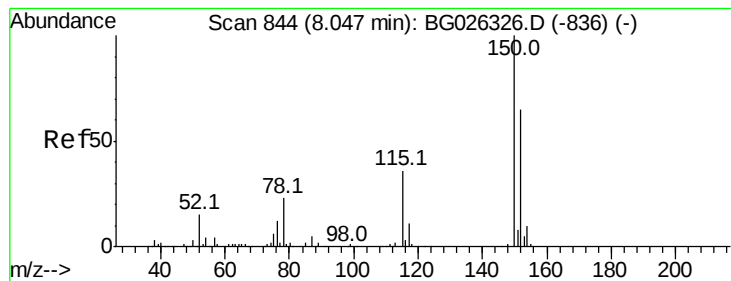
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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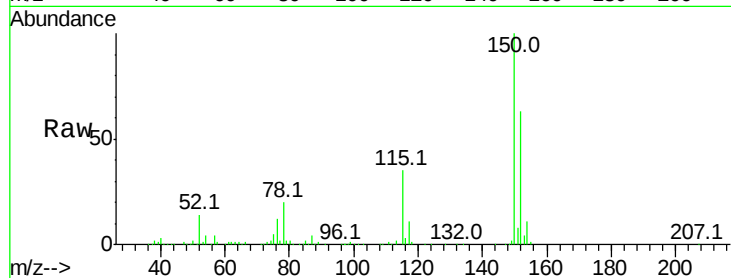


#1

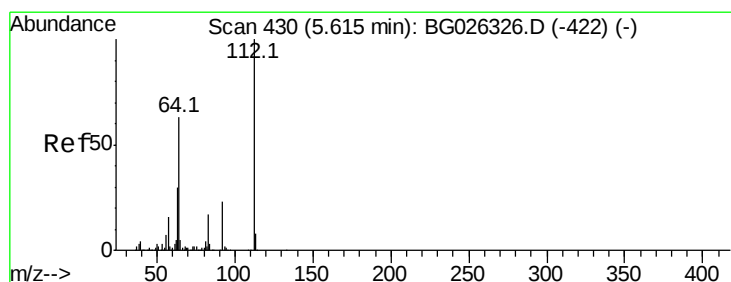
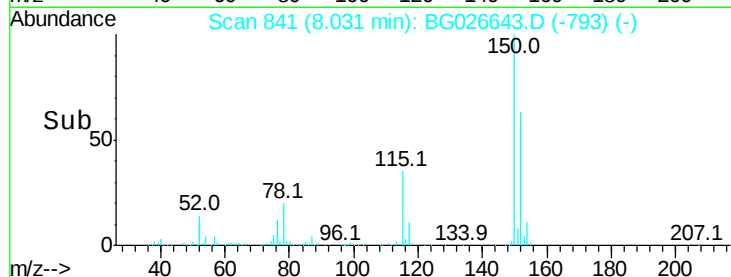
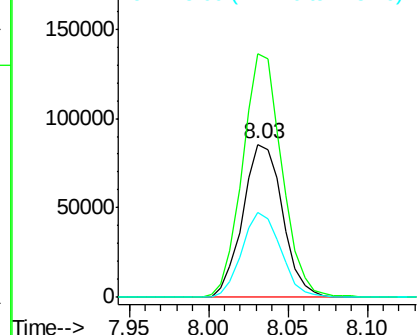
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG026643.D
Acq: 12 Apr 2017 19:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 150119
Ion Ratio Lower Upper
152 100
150 159.1 114.0 171.0
115 55.4 48.1 72.1



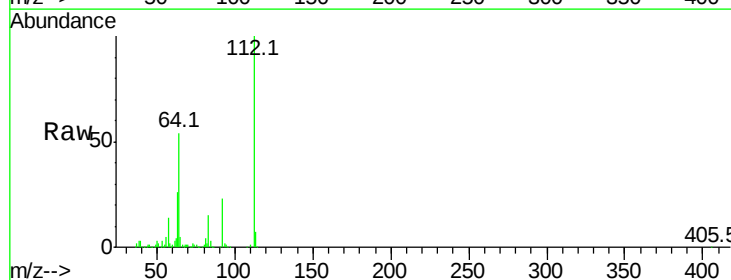
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



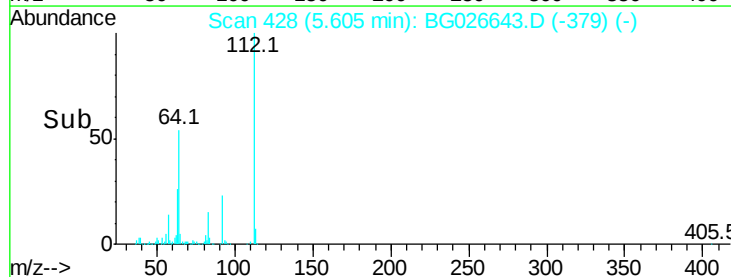
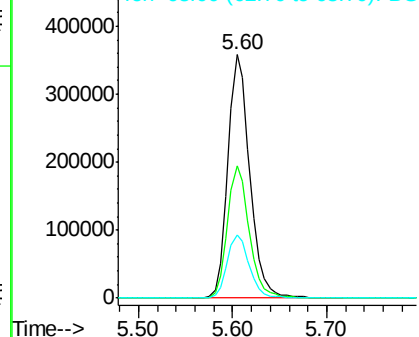
#5

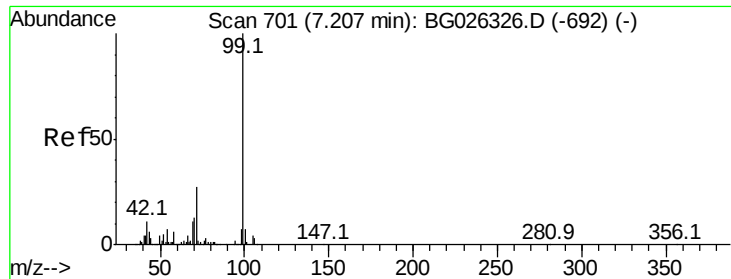
2-Fluorophenol
Concen: 68.64 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.01 min
Lab File: BG026643.D
Acq: 12 Apr 2017 19:53

Tgt Ion:112 Resp: 580576
Ion Ratio Lower Upper
112 100
64 54.2 61.8 92.6#
63 26.1 37.2 55.8#



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: 39.94 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG026643.D

Acq: 12 Apr 2017 19:53

Instrument :

BNA_G

ClientSampleId :

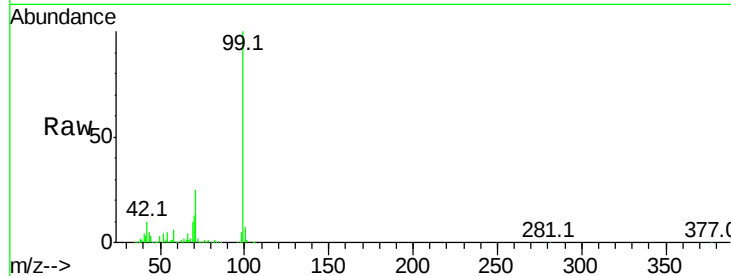
Tot Ion: 99 Resp: 453533

Ion Ratio Lower Upper

99 100

42 10.3 20.5 30.7#

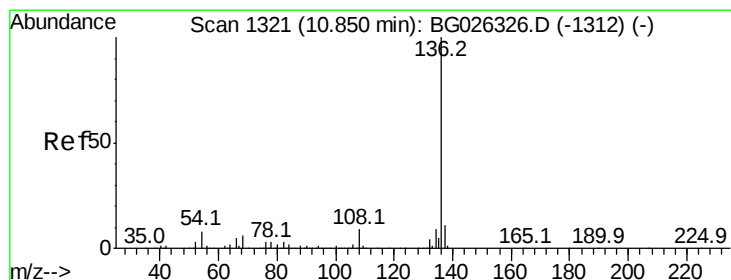
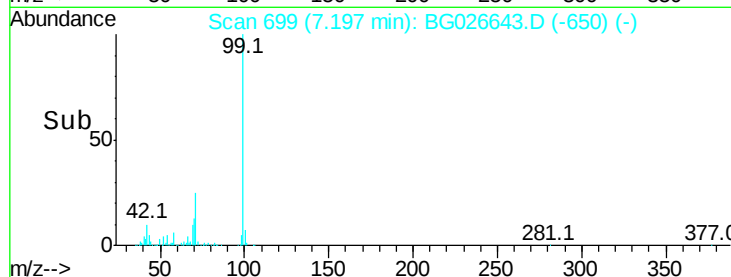
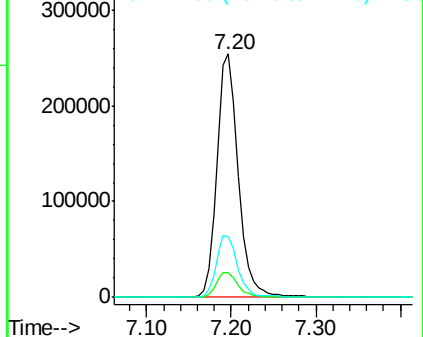
71 24.9 37.6 56.4#



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# 1318

Delta R.T. -0.02 min

Lab File: BG026643.D

Acq: 12 Apr 2017 19:53

Tgt Ion: 136 Resp: 607179

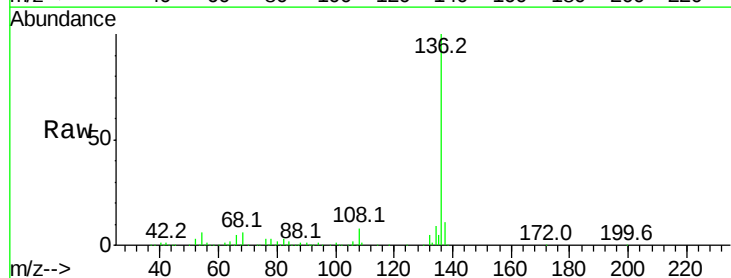
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 5.9 9.3 13.9#

68 5.6 5.1 7.7

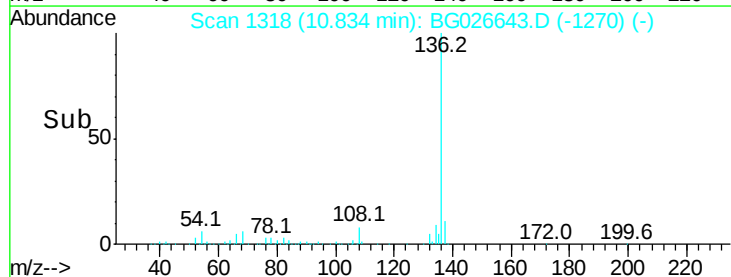
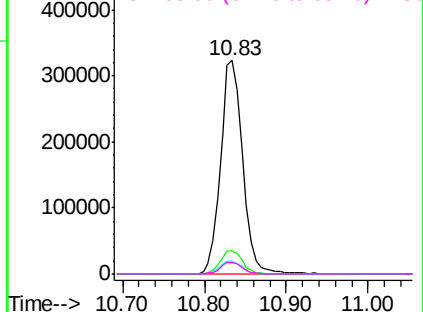


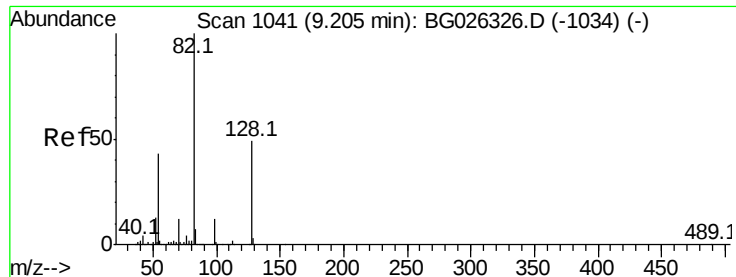
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

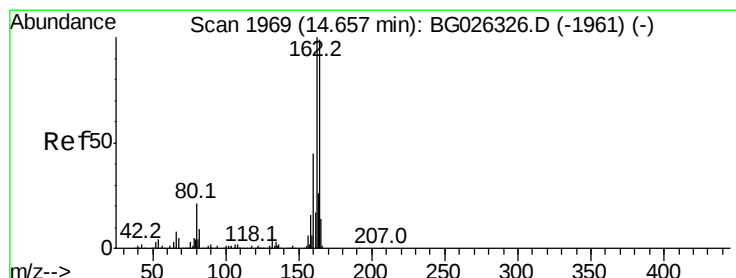
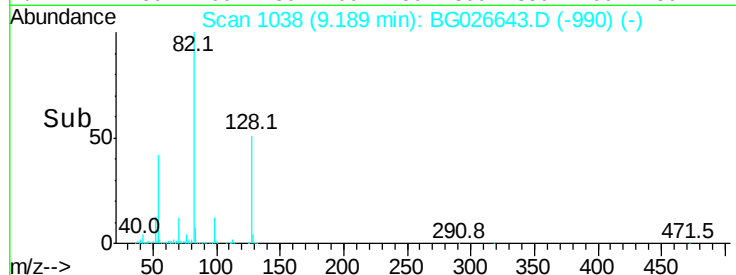
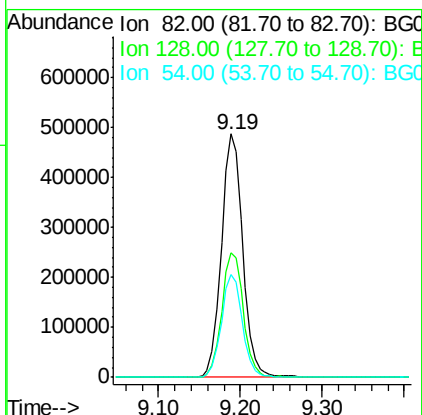
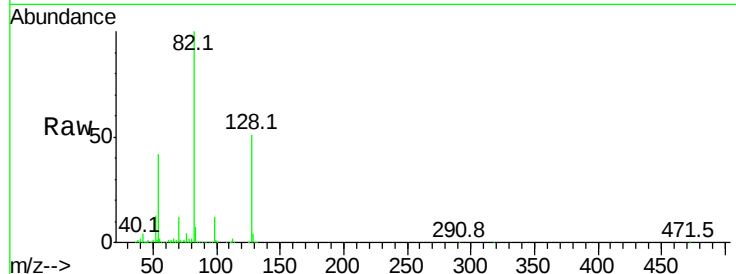




#23
 Nitrobenzene-d5
 Concen: 87.35 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BG026643.D
 Acq: 12 Apr 2017 19:53

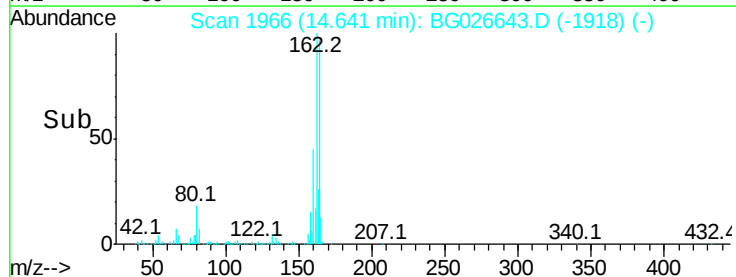
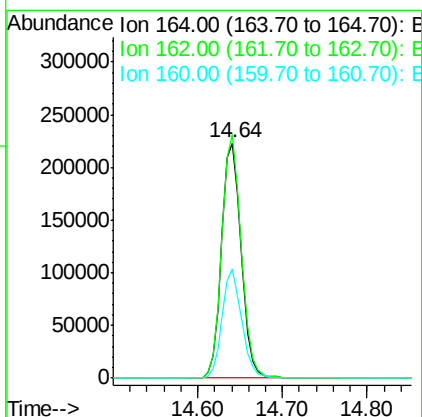
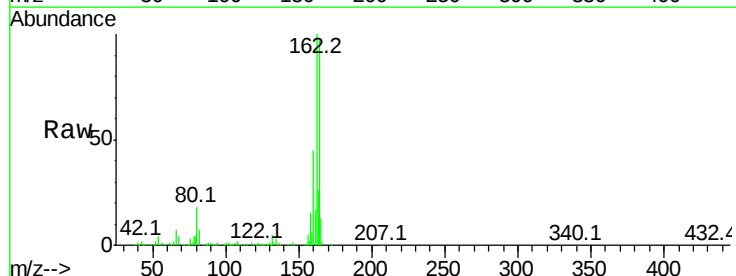
Instrument :
 BNA_G
 ClientSampleId :

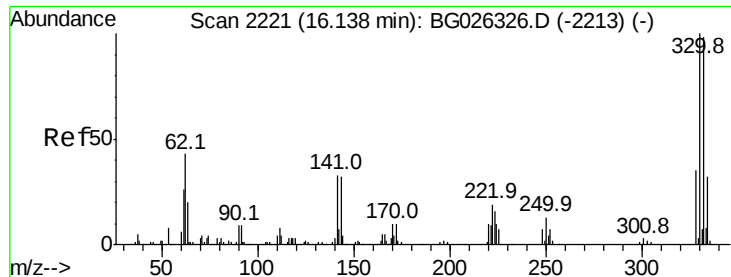
Tot Ion	82	Resp	882090
Ion Ratio	Lower	Upper	
82	100		
128	51.3	26.4	39.6#
54	42.1	49.4	74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. -0.02 min
 Lab File: BG026643.D
 Acq: 12 Apr 2017 19:53

Tgt Ion	164	Resp	359061
Ion Ratio	Lower	Upper	
164	100		
162	103.6	85.1	127.7
160	46.4	34.7	52.1

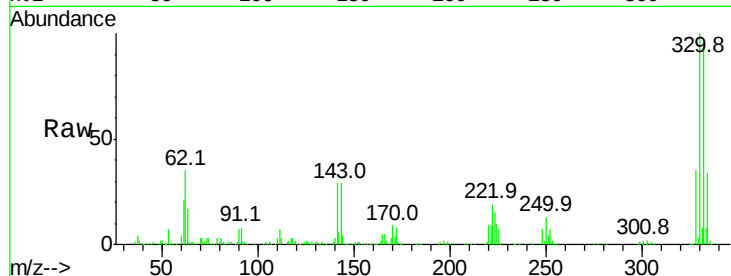




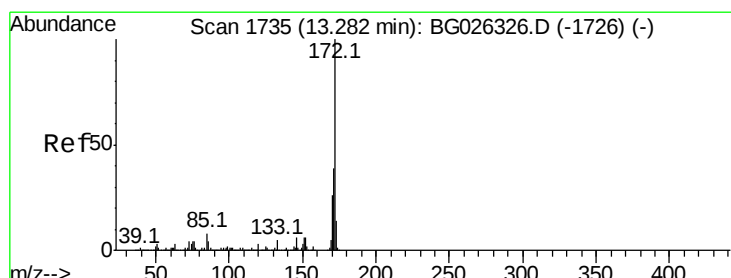
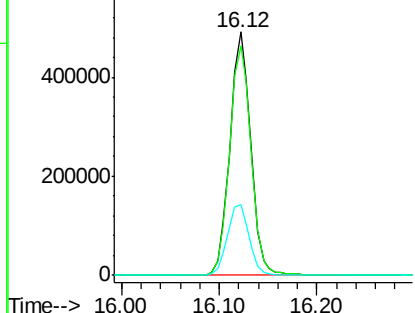
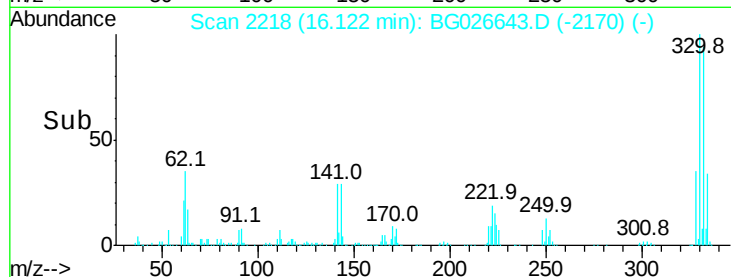
#41
 2,4,6-Tribromophenol
 Concen: 176.96 ng
 RT: 16.12 min Scan# 2218
 Delta R.T. -0.02 min
 Lab File: BG026643.D
 Acq: 12 Apr 2017 19:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.3	115.9
141	30.7	32.1	48.1#

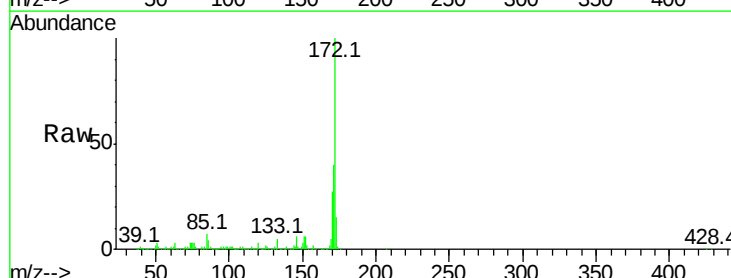


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

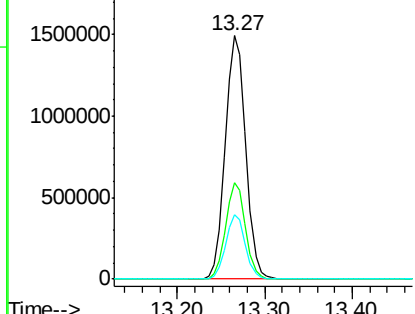
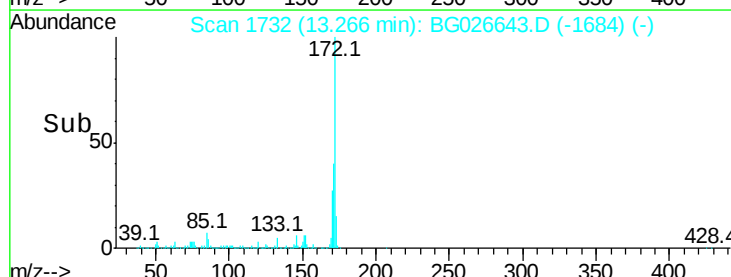


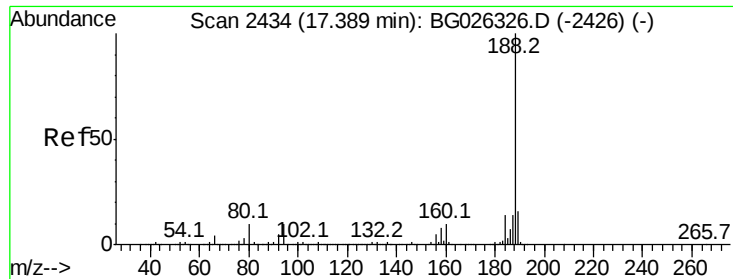
#44
 2-Fluorobiphenyl
 Concen: 93.88 ng
 RT: 13.27 min Scan# 1732
 Delta R.T. -0.02 min
 Lab File: BG026643.D
 Acq: 12 Apr 2017 19:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.8	32.2	48.2
170	26.7	21.8	32.6



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

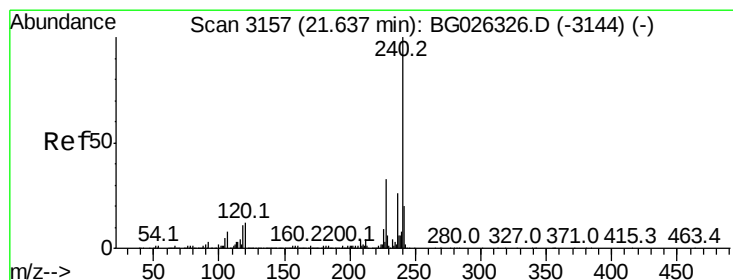
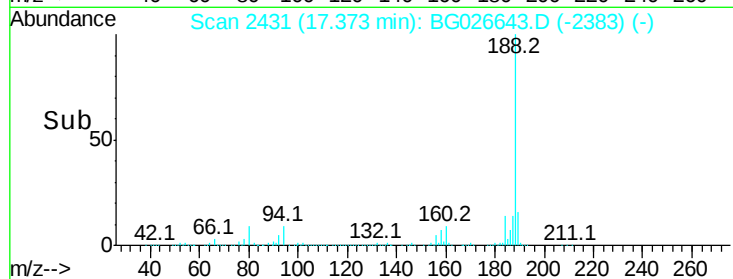
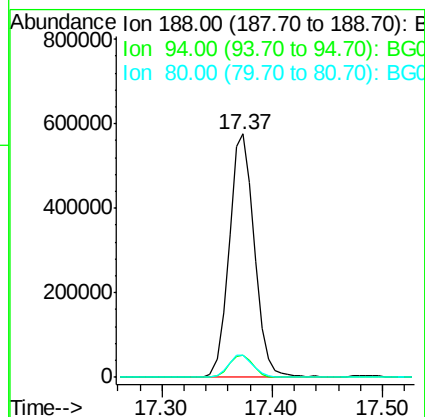
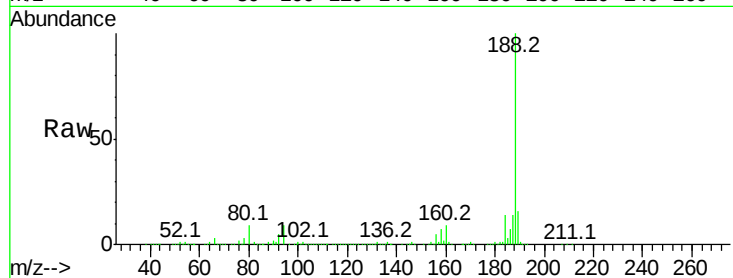




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BG026643.D
Acq: 12 Apr 2017 19:53

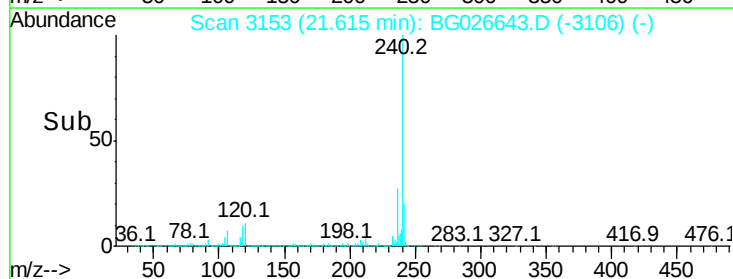
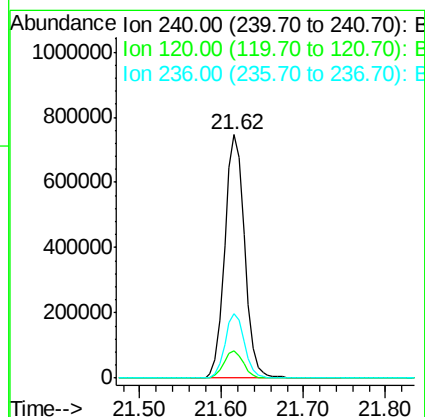
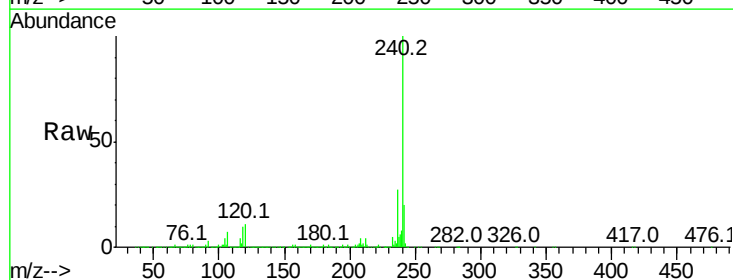
Instrument :
BNA_G
ClientSampleId :

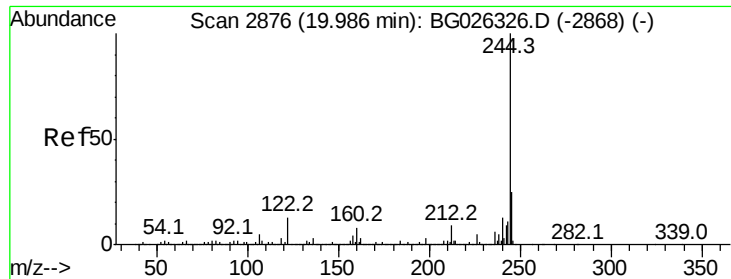
Tot Ion:188 Resp: 918866
Ion Ratio Lower Upper
188 100
94 9.1 5.8 8.8#
80 9.3 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.62 min Scan# 3153
Delta R.T. -0.02 min
Lab File: BG026643.D
Acq: 12 Apr 2017 19:53

Tgt Ion:240 Resp: 1260040
Ion Ratio Lower Upper
240 100
120 11.5 5.7 8.5#
236 26.6 22.2 33.4





#78

Terphenyl-d14

Concen: 73.18 ng

RT: 19.97 min Scan# 2873

Delta R.T. -0.02 min

Lab File: BG026643.D

Acq: 12 Apr 2017 19:53

Instrument :

BNA_G

ClientSampleId :

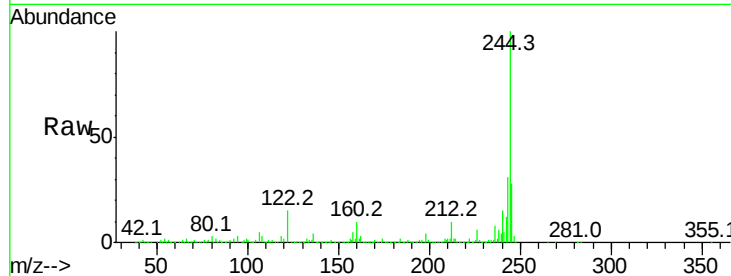
Tot Ion:244 Resp: 3797101

Ion Ratio Lower Upper

244 100

212 9.9 10.0 15.0#

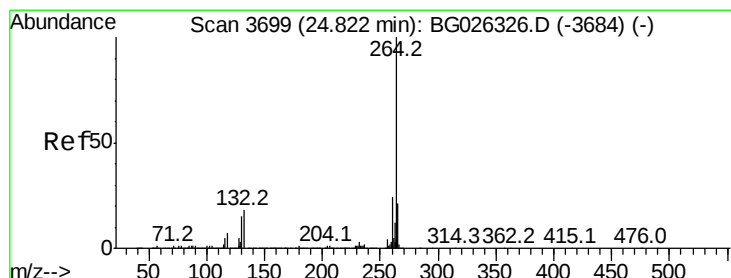
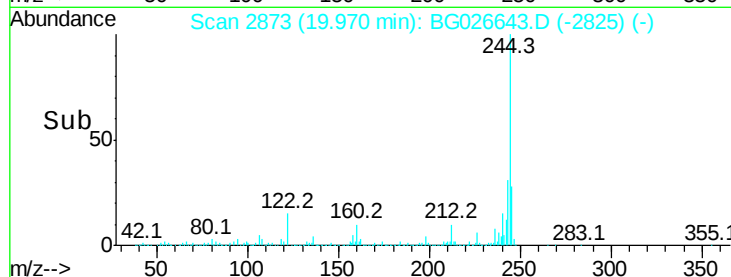
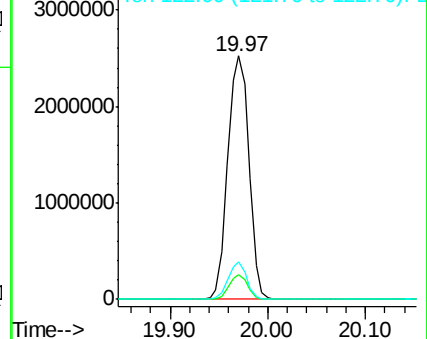
122 15.3 8.6 12.8#



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: 24.79 min Scan# 3693

Delta R.T. -0.03 min

Lab File: BG026643.D

Acq: 12 Apr 2017 19:53

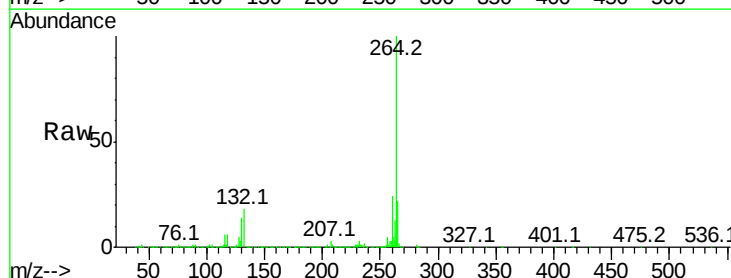
Tgt Ion:264 Resp: 1215190

Ion Ratio Lower Upper

264 100

260 23.8 21.8 32.8

265 22.4 18.2 27.4



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

