

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042017\
 Data File : BG026679.D
 Acq On : 20 Apr 2017 17:30
 Operator : SJ/MA
 Sample : PB98380BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 21 04:02:53 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 18:04:39 2017
 Response via : Initial Calibration

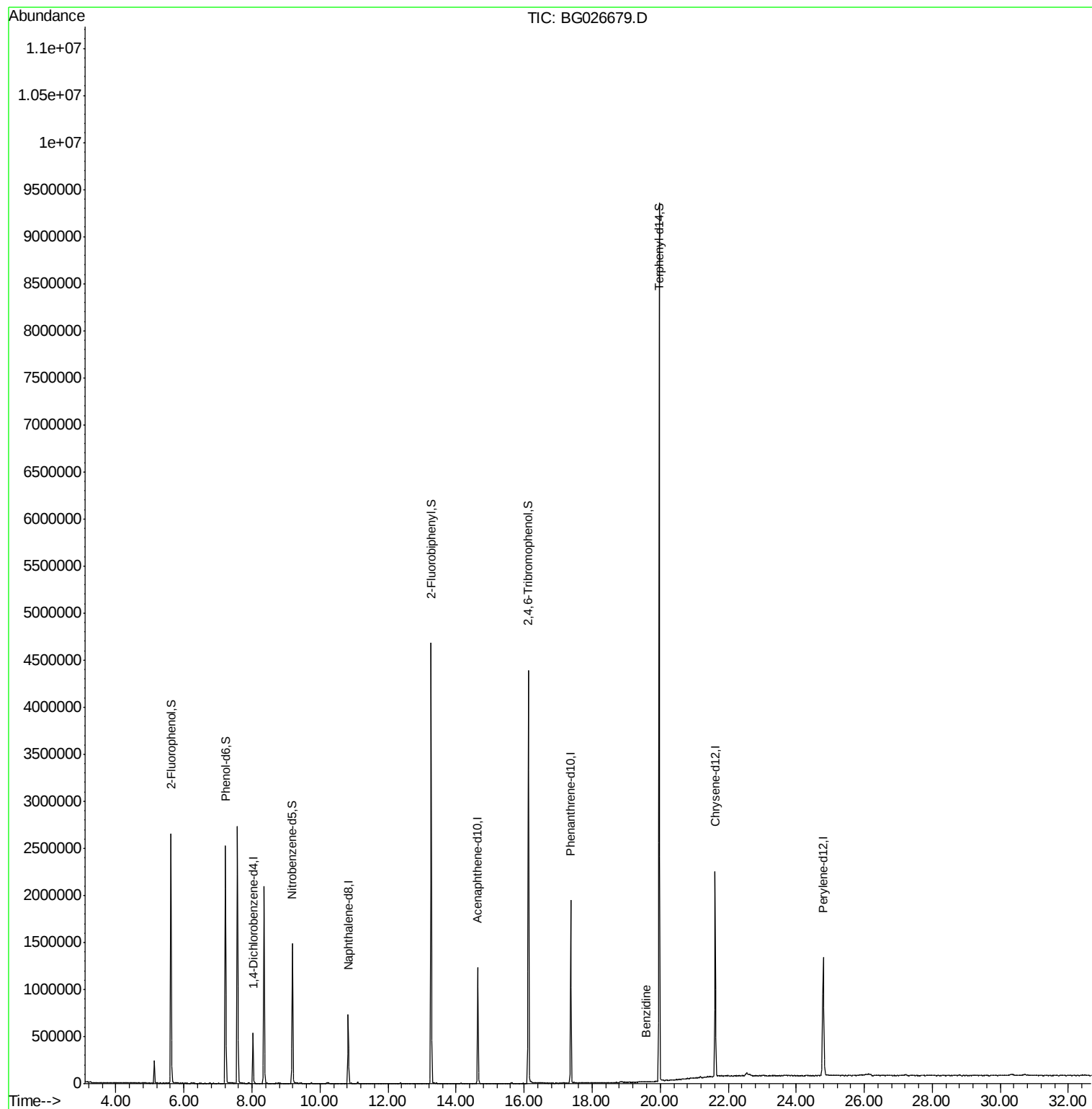
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	169424	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	711867	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	440549	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	1224229	20.00	ng	-0.02
75) Chrysene-d12	21.62	240	1354796	20.00	ng	-0.02
86) Perylene-d12	24.79	264	1339309	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1403637	150.61	ng	0.00
7) Phenol-d6	7.22	99	1840433	150.70	ng	0.01
23) Nitrobenzene-d5	9.19	82	946871	92.81	ng	-0.02
41) 2,4,6-Tribromophenol	16.13	330	925050	150.69	ng	-0.01
44) 2-Fluorobiphenyl	13.26	172	2616179	88.44	ng	-0.02
78) Terphenyl-d14	19.97	244	3972529	86.57	ng	-0.01
Target Compounds						
76) Benzidine	19.58	184	55	3.72	ng	Qvalue # 64

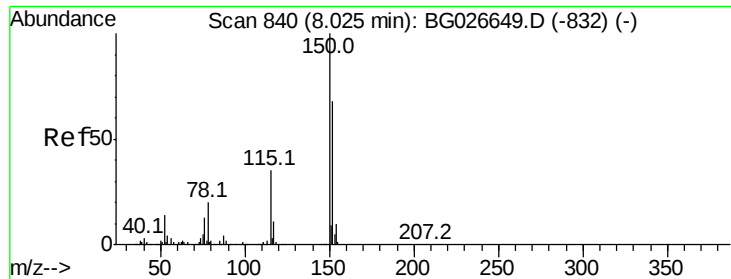
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042017\
Data File : BG026679.D
Acq On : 20 Apr 2017 17:30
Operator : SJ/MA
Sample : PB98380BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 21 04:02:53 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 18 18:04:39 2017
Response via : Initial Calibration



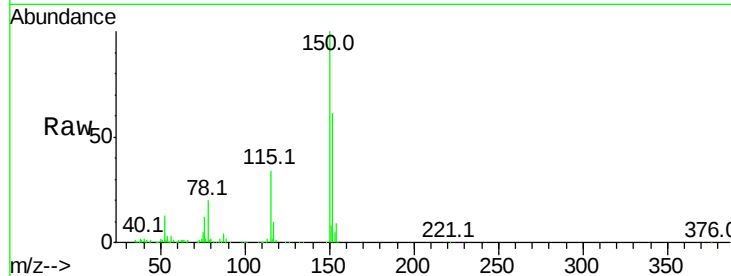


#1

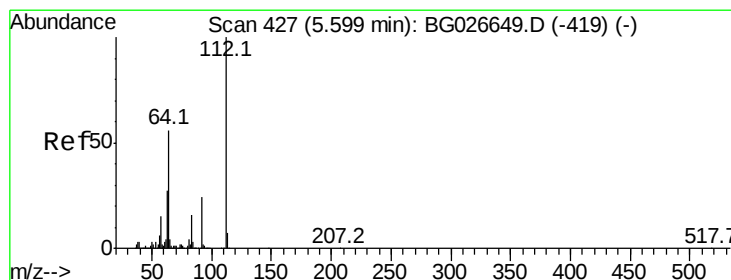
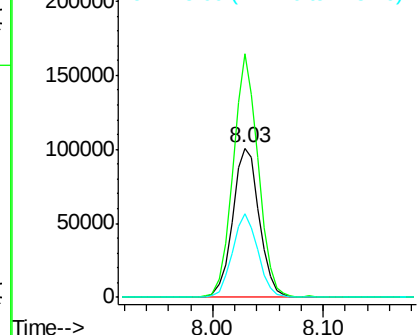
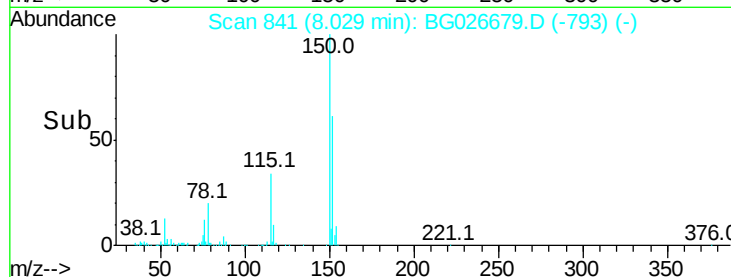
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG026679.D
Acq: 20 Apr 2017 17:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 169424
Ion Ratio Lower Upper
152 100
150 163.4 114.0 171.0
115 56.3 48.1 72.1



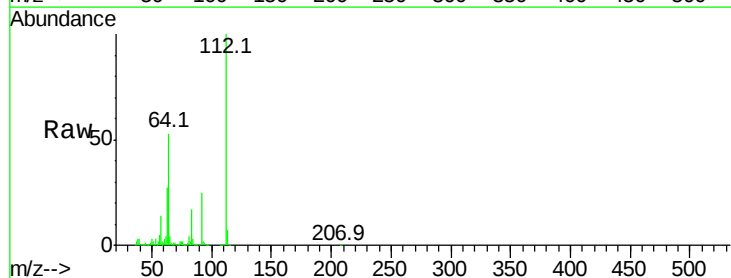
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



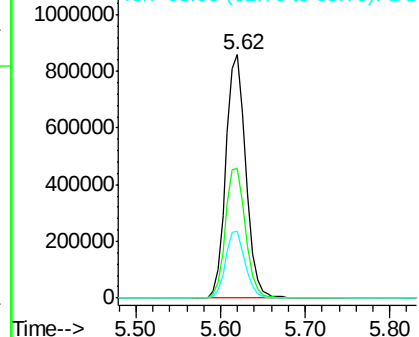
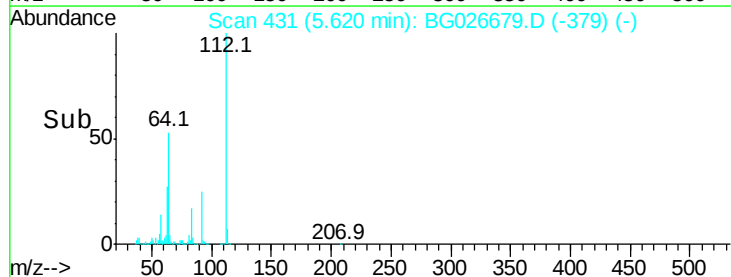
#5

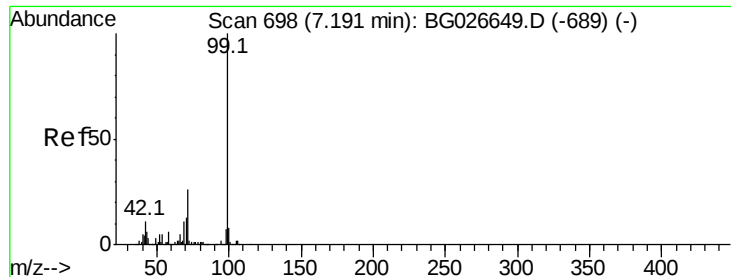
2-Fluorophenol
Concen: 150.61 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.01 min
Lab File: BG026679.D
Acq: 20 Apr 2017 17:30

Tgt Ion:112 Resp: 1403637
Ion Ratio Lower Upper
112 100
64 53.4 61.8 92.6#
63 27.4 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 150.70 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG026679.D

Acq: 20 Apr 2017 17:30

Instrument :

BNA_G

ClientSampleId :

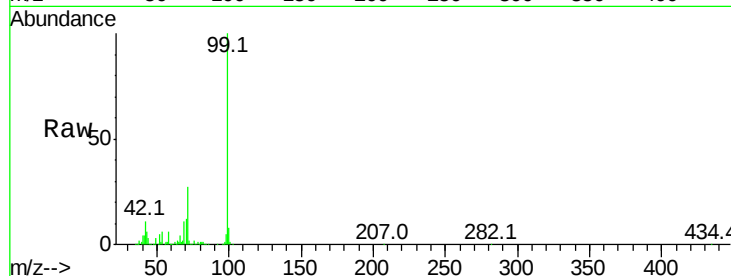
Tot Ion: 99 Resp: 1840433

Ion Ratio Lower Upper

99 100

42 11.2 20.5 30.7#

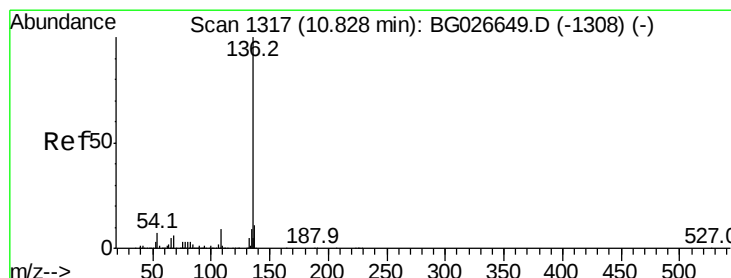
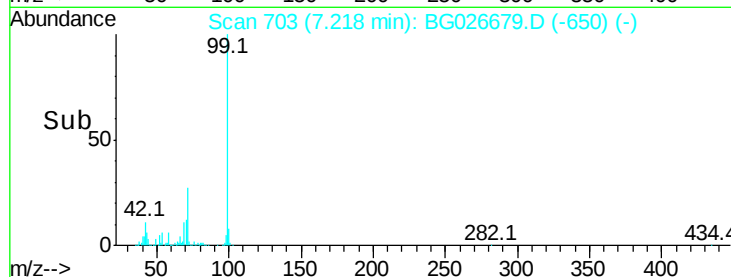
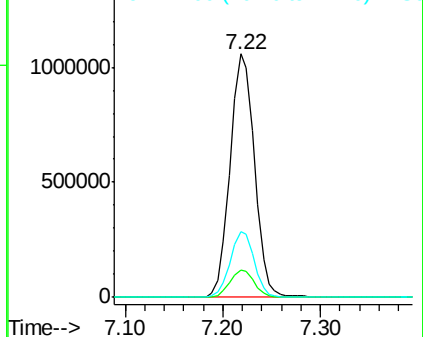
71 27.0 37.6 56.4#



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# 1317

Delta R.T. -0.02 min

Lab File: BG026679.D

Acq: 20 Apr 2017 17:30

Tgt Ion: 136 Resp: 711867

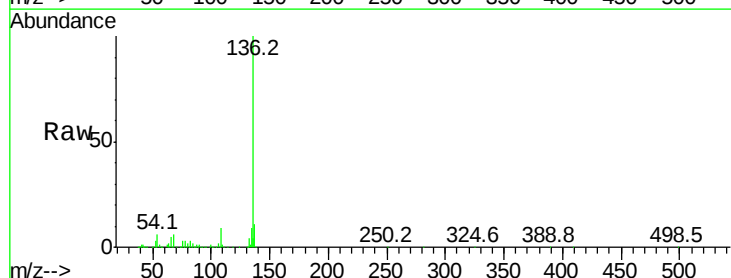
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.1 9.3 13.9#

68 5.9 5.1 7.7

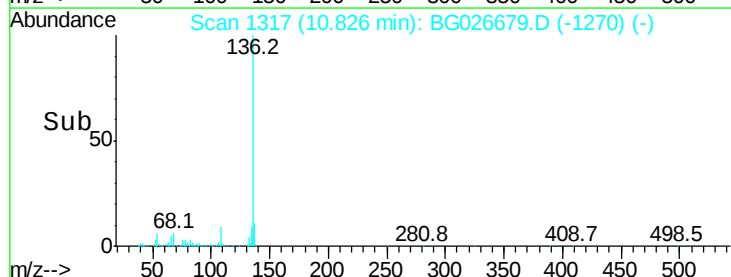
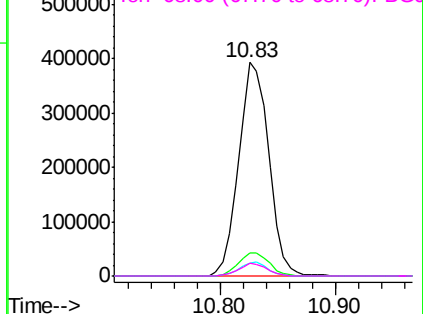


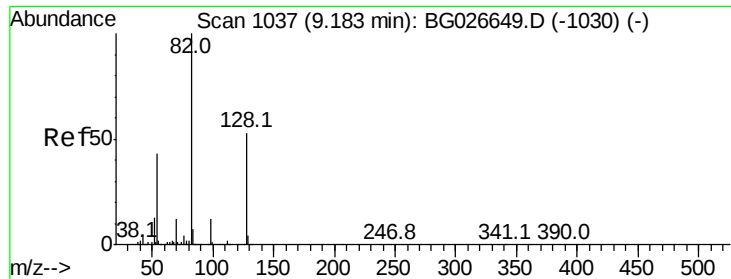
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

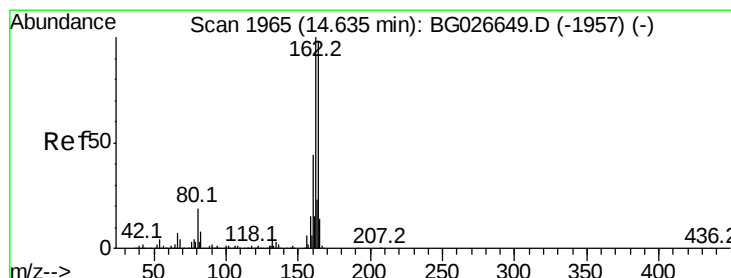
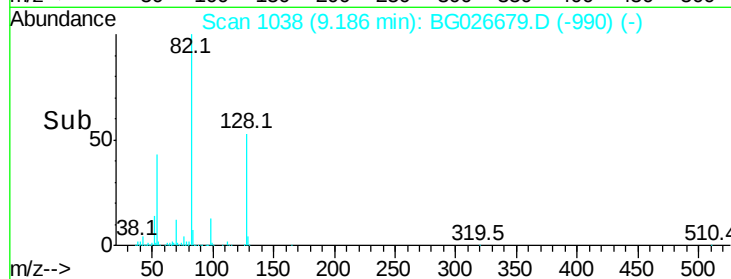
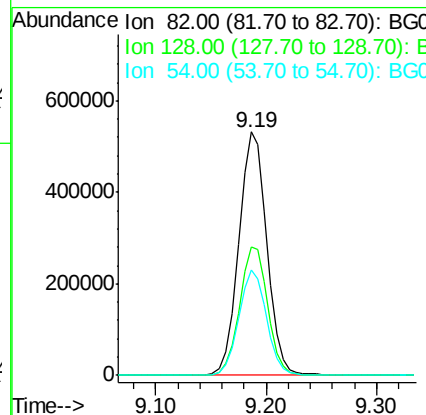
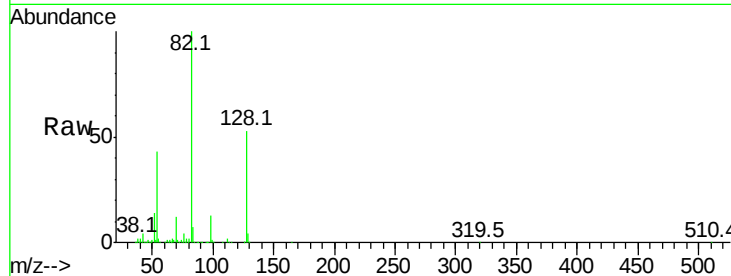




#23
 Nitrobenzene-d5
 Concen: 92.81 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BG026679.D
 Acq: 20 Apr 2017 17:30

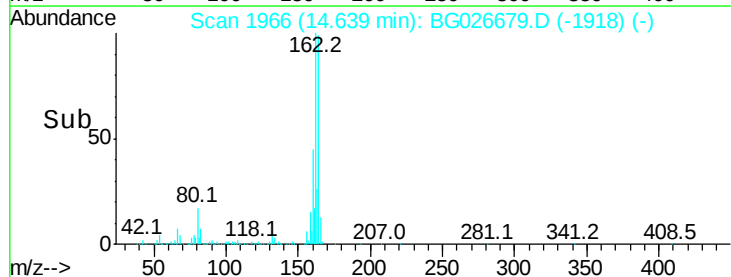
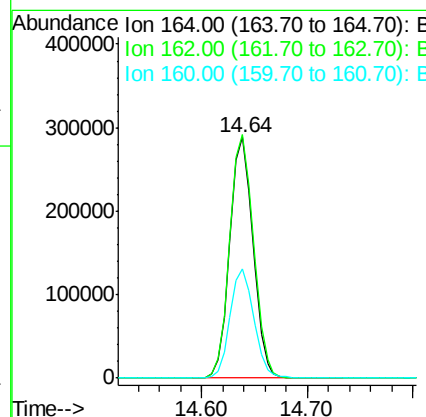
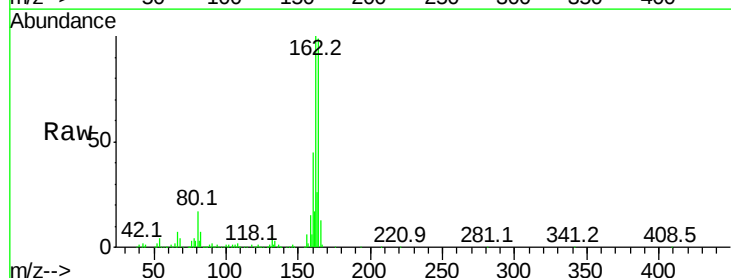
Instrument :
 BNA_G
 ClientSampleId :

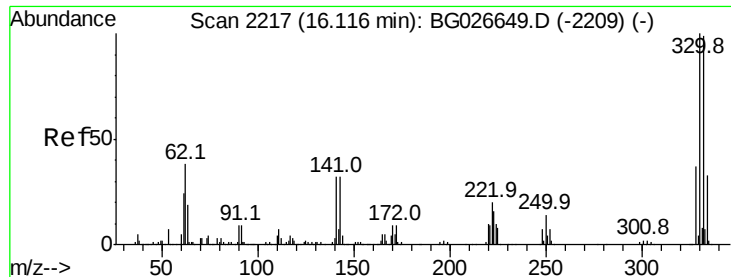
Tot Ion	82	Resp	946871
Ion Ratio	100	Lower	Upper
128	52.6	26.4	39.6#
54	43.2	49.4	74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. -0.02 min
 Lab File: BG026679.D
 Acq: 20 Apr 2017 17:30

Tgt Ion	164	Resp	440549
Ion Ratio	100	Lower	Upper
162	101.2	85.1	127.7
160	45.6	34.7	52.1

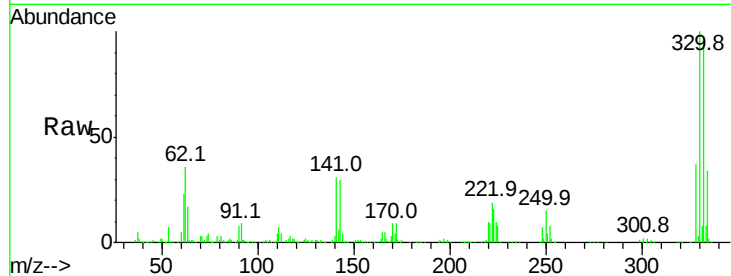




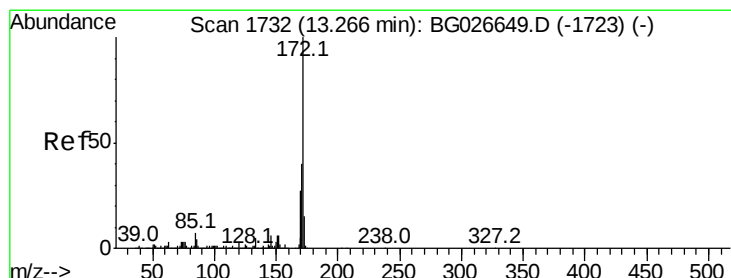
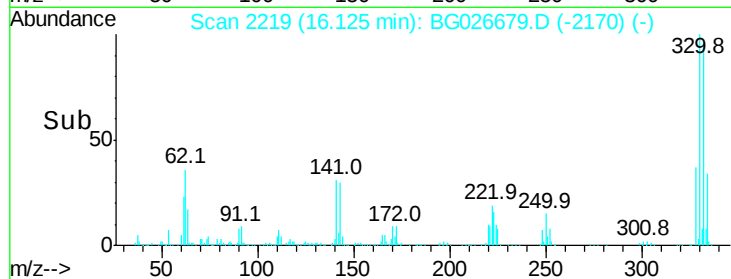
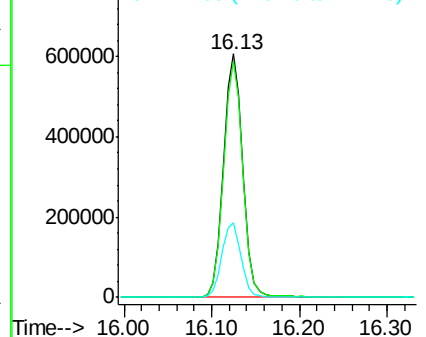
#41
 2,4,6-Tribromophenol
 Concen: 150.69 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG026679.D
 Acq: 20 Apr 2017 17:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.3	115.9
141	30.6	32.1	48.1#

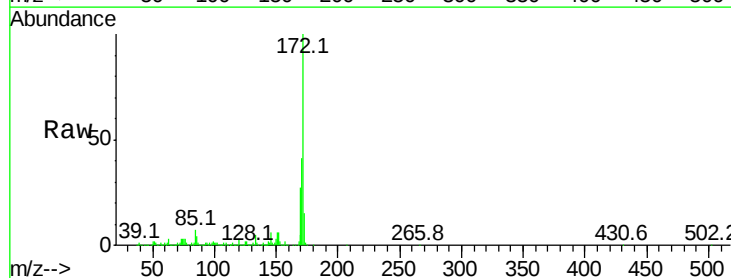


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

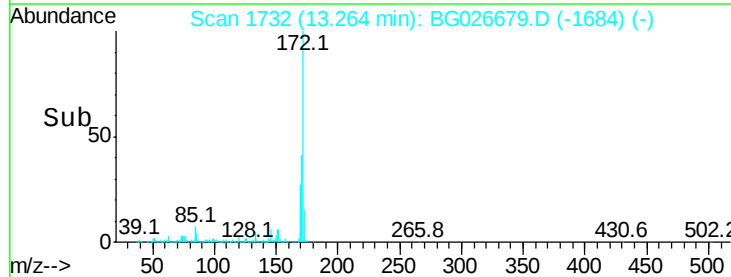
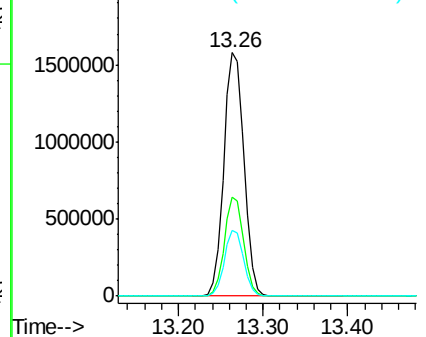


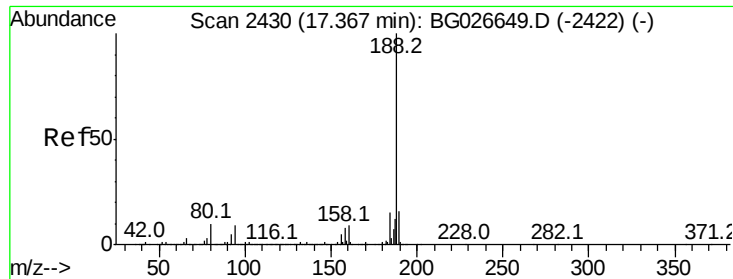
#44
 2-Fluorobiphenyl
 Concen: 88.44 ng
 RT: 13.26 min Scan# 1732
 Delta R.T. -0.02 min
 Lab File: BG026679.D
 Acq: 20 Apr 2017 17:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.8	32.2	48.2
170	27.2	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

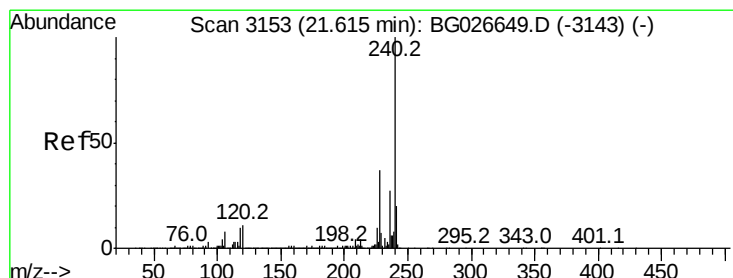
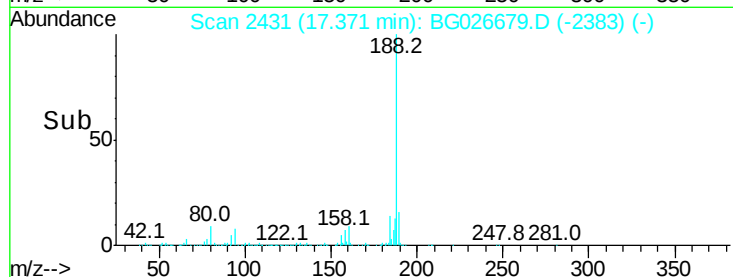
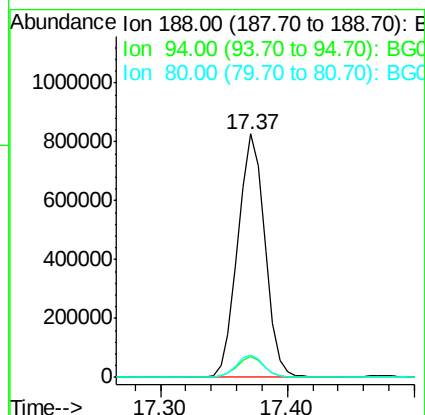
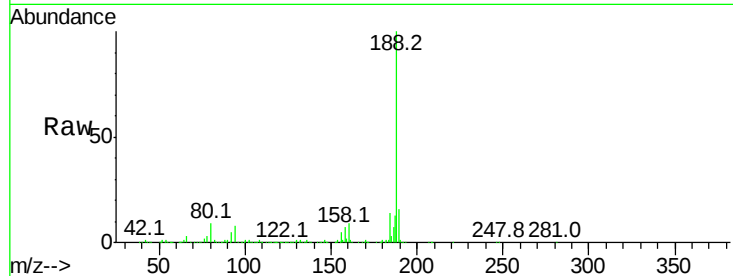




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BG026679.D
Acq: 20 Apr 2017 17:30

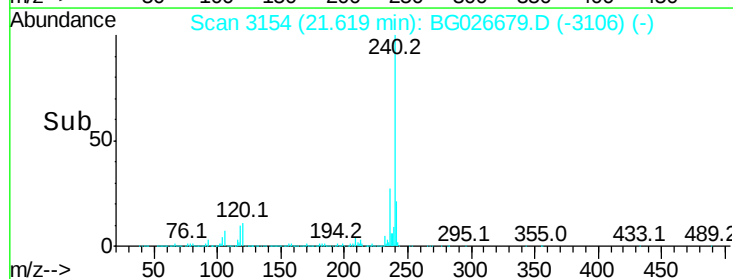
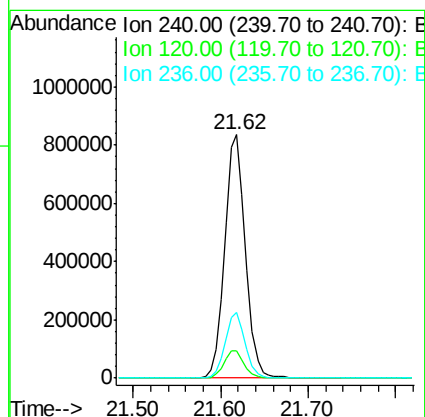
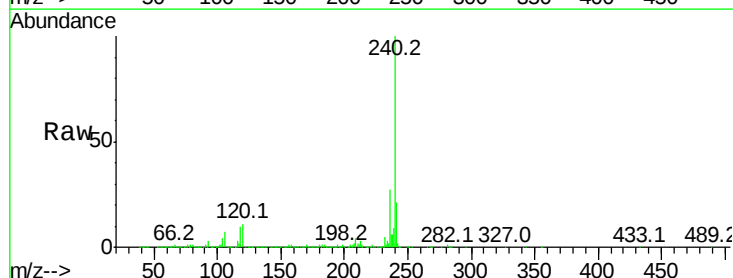
Instrument :
BNA_G
ClientSampleId :

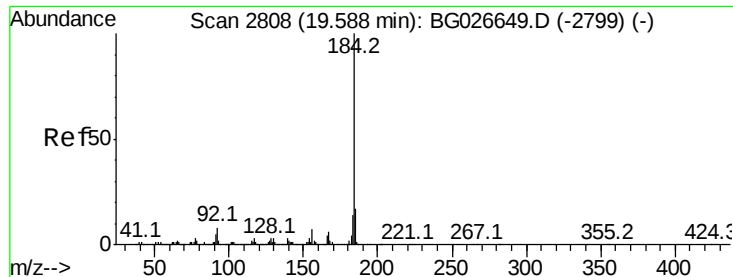
Tot Ion:188 Resp: 1224229
Ion Ratio Lower Upper
188 100
94 8.4 5.8 8.8
80 8.9 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.62 min Scan# 3154
Delta R.T. -0.02 min
Lab File: BG026679.D
Acq: 20 Apr 2017 17:30

Tgt Ion:240 Resp: 1354796
Ion Ratio Lower Upper
240 100
120 11.3 5.7 8.5#
236 26.9 22.2 33.4





#76

Benzidine

Concen: 3.72 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.02 min

Lab File: BG026679.D

Acq: 20 Apr 2017 17:30

Instrument :

BNA_G

ClientSampleId :

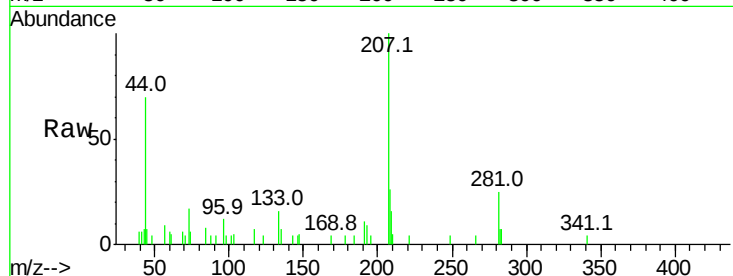
Tot Ion:184 Resp: 55

Ion Ratio Lower Upper

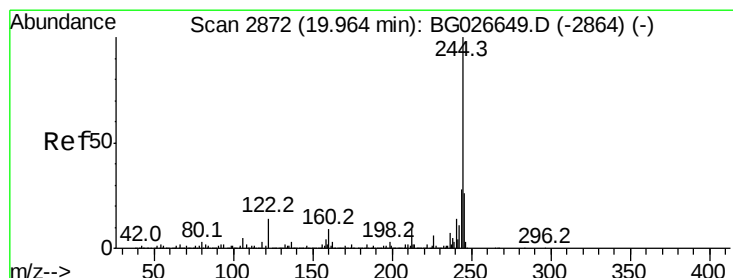
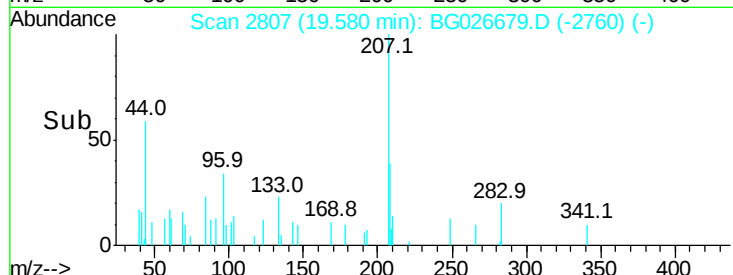
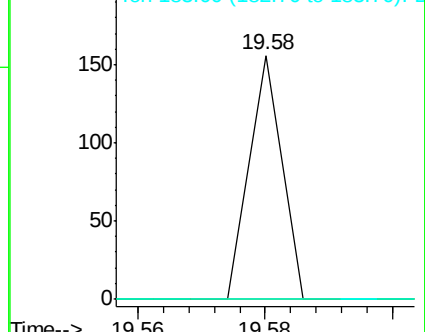
184 100

185 0.0 13.0 19.6#

183 0.0 11.0 16.6#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 86.57 ng

RT: 19.97 min Scan# 2874

Delta R.T. -0.01 min

Lab File: BG026679.D

Acq: 20 Apr 2017 17:30

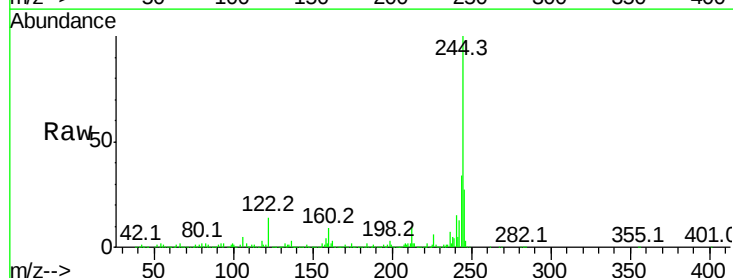
Tgt Ion:244 Resp: 3972529

Ion Ratio Lower Upper

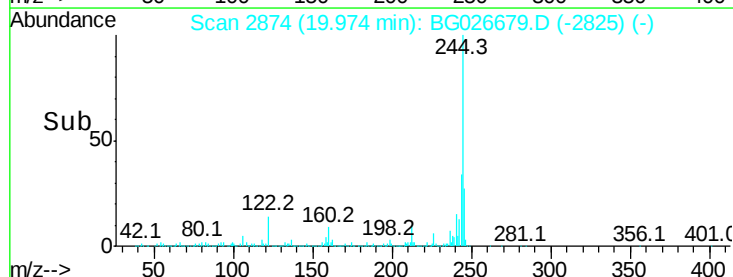
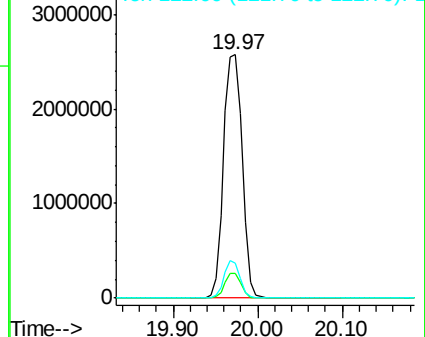
244 100

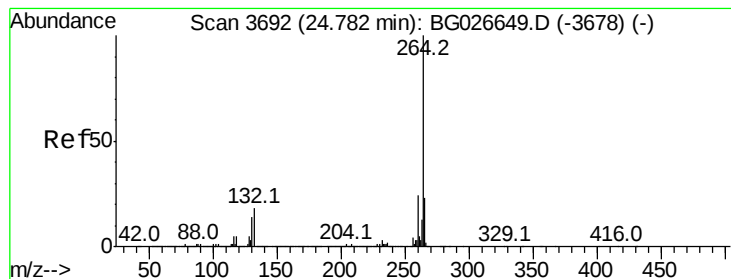
212 10.0 10.0 15.0

122 14.3 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

Pervlene-d12

Concen: 20.00 ng

RT: 24.79 min Scan# 3694

Delta R.T. -0.03 min

Lab File: BG026679.D

Acq: 20 Apr 2017 17:30

Instrument :

BNA_G

ClientSampleId :

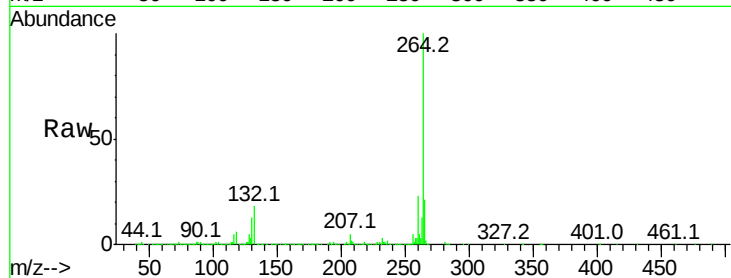
Tot Ion:264 Resp: 1339309

Ion Ratio Lower Upper

264 100

260 23.5 21.8 32.8

265 21.4 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

