

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102317\
 Data File : BG029404.D
 Acq On : 23 Oct 2017 18:12
 Operator : SJ/JU
 Sample : PB103551TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB103551TB

Quant Time: Oct 24 05:52:11 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	53814	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	238496	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	159139	20.00	ng	-0.01
63) Phenanthrene-d10	17.52	188	436372	20.00	ng	-0.01
75) Chrysene-d12	21.79	240	500112	20.00	ng	-0.01
86) Perylene-d12	25.09	264	492427	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	357248	110.90	ng	0.00
7) Phenol-d6	7.31	99	475382	105.13	ng	-0.01
23) Nitrobenzene-d5	9.33	82	266470	71.00	ng	-0.01
41) 2,4,6-Tribromophenol	16.26	330	250501	121.92	ng	-0.01
44) 2-Fluorobiphenyl	13.41	172	766689	70.66	ng	-0.01
78) Terphenyl-d14	20.11	244	1431735	65.13	ng	-0.01

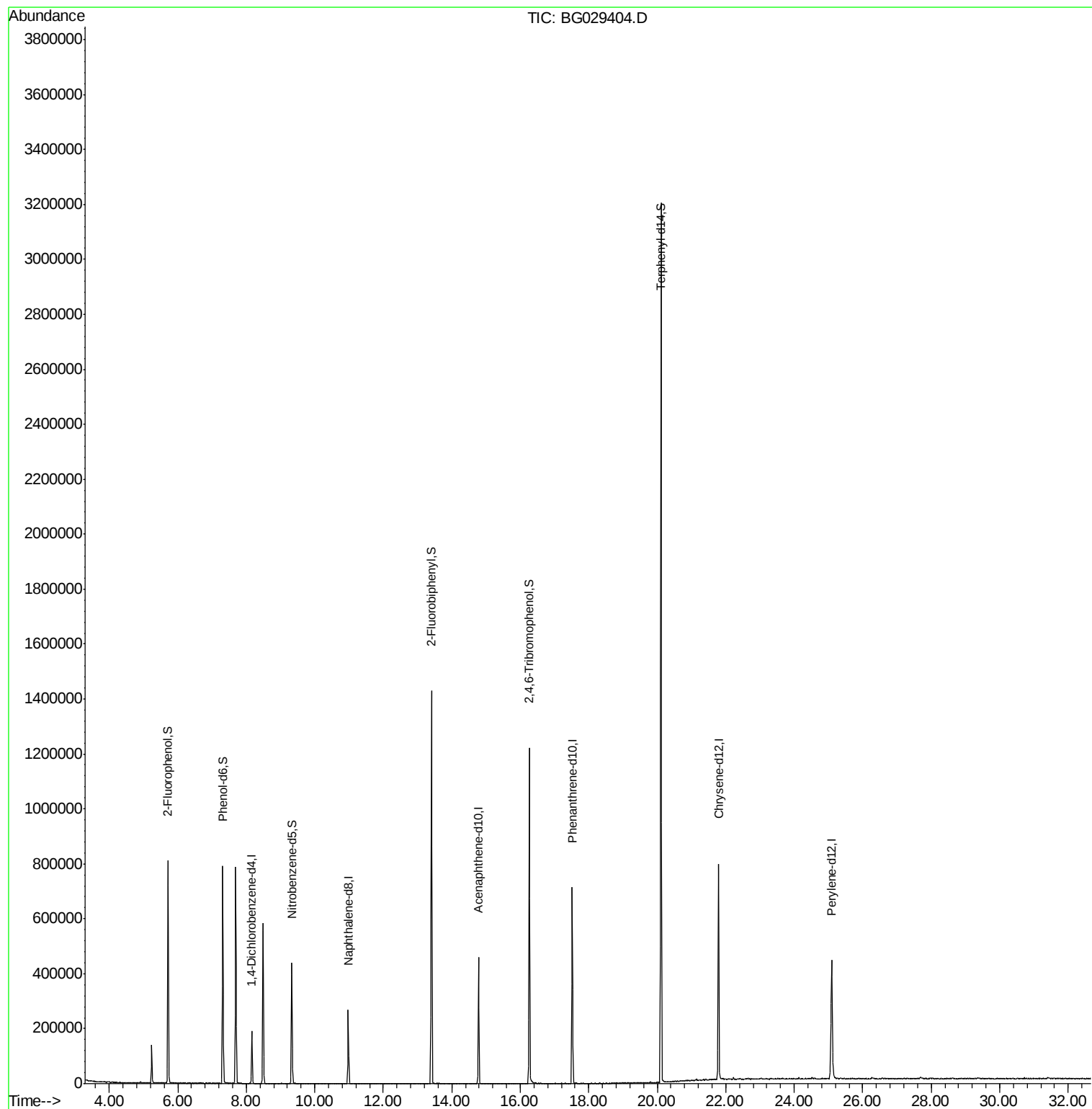
Target Compounds Qvalue

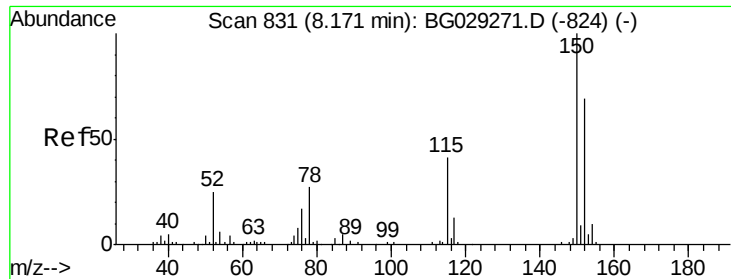
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.17 min Scan# 830

Delta R.T. -0.01 min

Lab File: BG029404.D

Acq: 23 Oct 2017 18:12

Instrument :

BNA_G

ClientSampleId :

PB103551TB

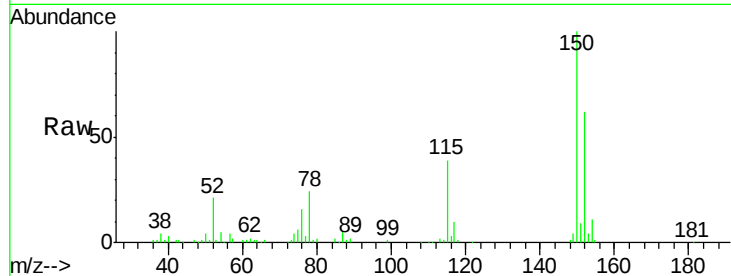
Tot Ion:152 Resp: 53814

Ion Ratio Lower Upper

152 100

150 161.0 126.6 189.8

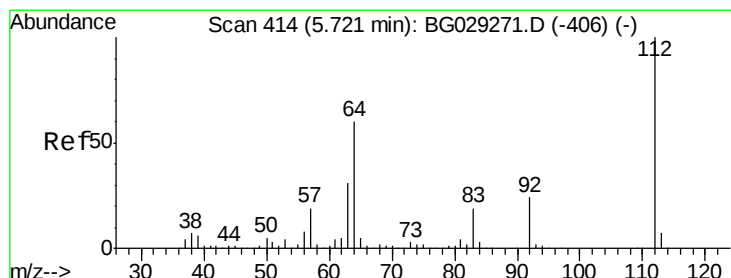
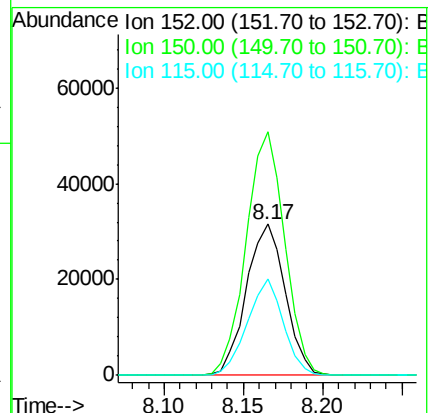
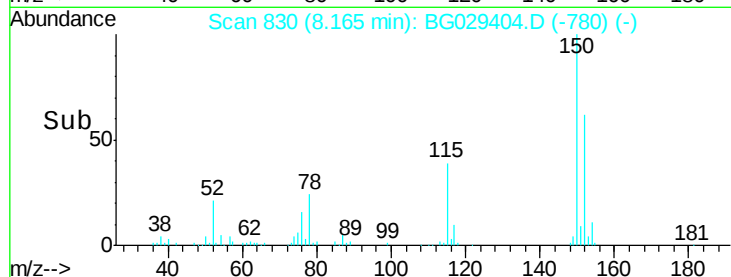
115 63.5 53.0 79.4



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: 110.90 ng

RT: 5.71 min Scan# 413

Delta R.T. -0.01 min

Lab File: BG029404.D

Acq: 23 Oct 2017 18:12

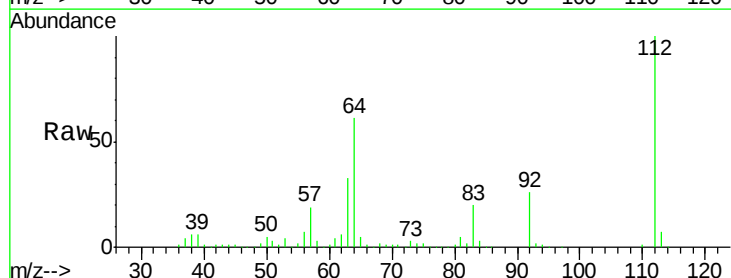
Tgt Ion:112 Resp: 357248

Ion Ratio Lower Upper

112 100

64 61.3 56.3 84.5

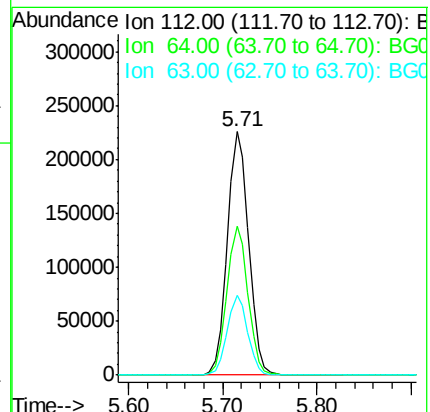
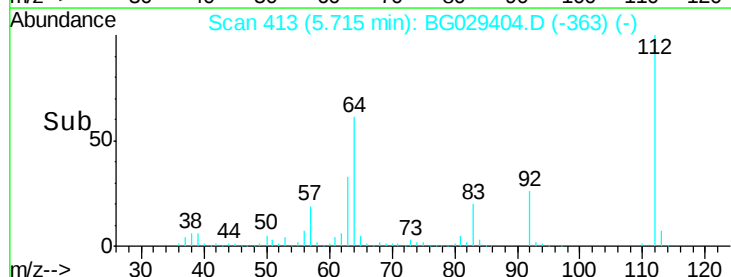
63 33.0 30.1 45.1

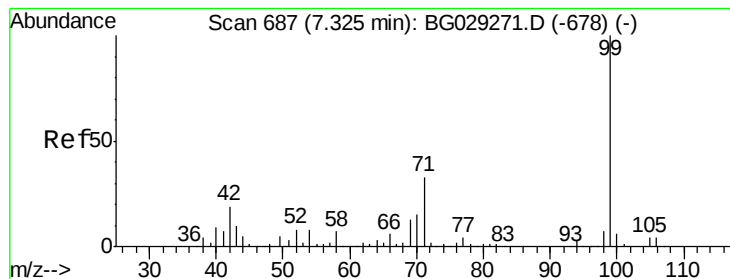


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 105.13 ng

RT: 7.31 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG029404.D

Acq: 23 Oct 2017 18:12

Instrument :

BNA_G

ClientSampleId :

PB103551TB

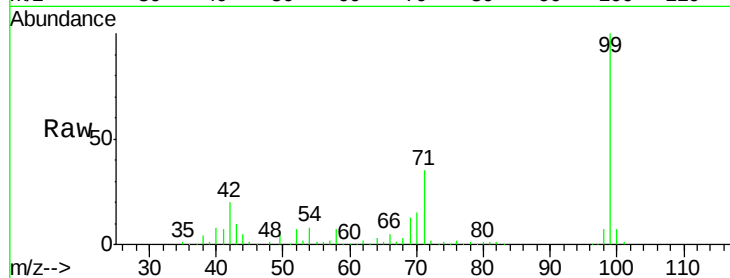
Tot Ion: 99 Resp: 475382

Ion Ratio Lower Upper

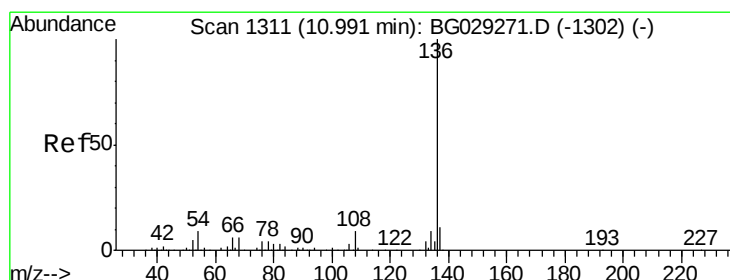
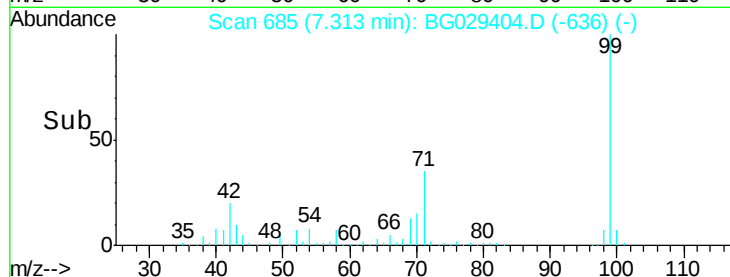
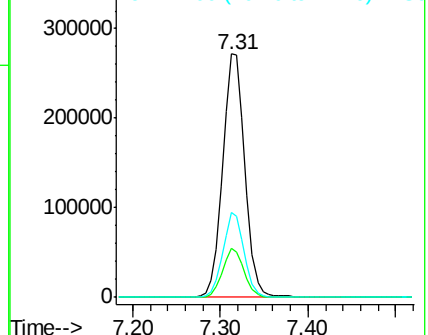
99 100

42 20.0 14.1 21.1

71 34.7 26.1 39.1



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: 10.98 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BG029404.D

Acq: 23 Oct 2017 18:12

Tgt Ion: 136 Resp: 238496

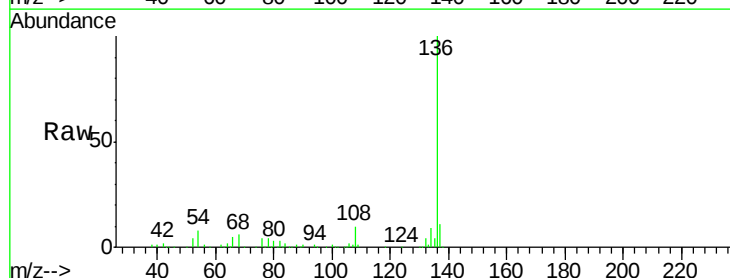
Ion Ratio Lower Upper

136 100

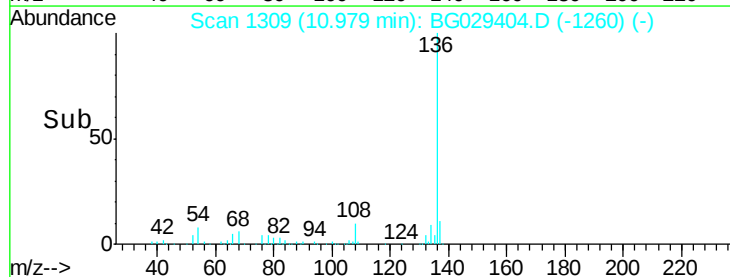
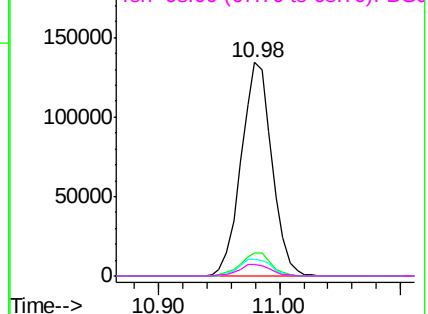
137 10.6 9.2 13.8

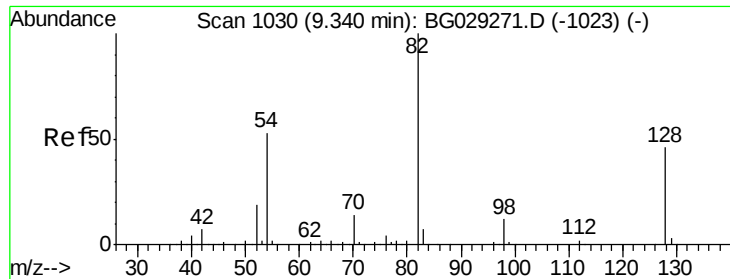
54 8.0 10.3 15.5#

68 5.6 4.5 6.7



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

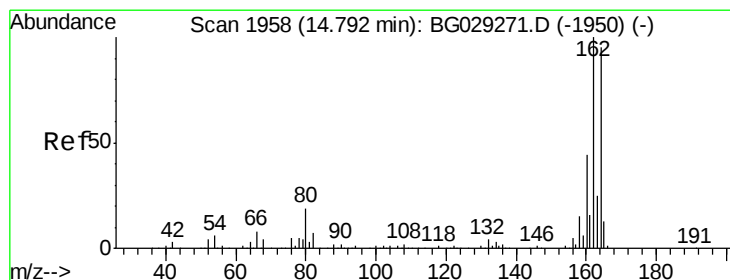
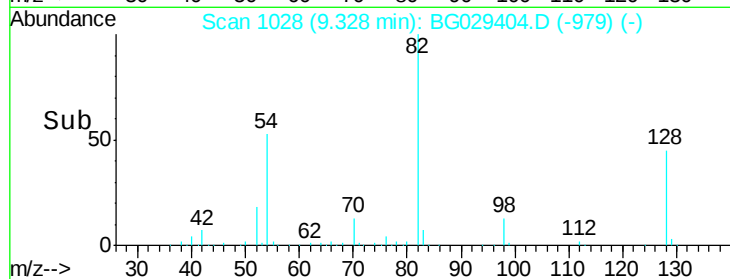
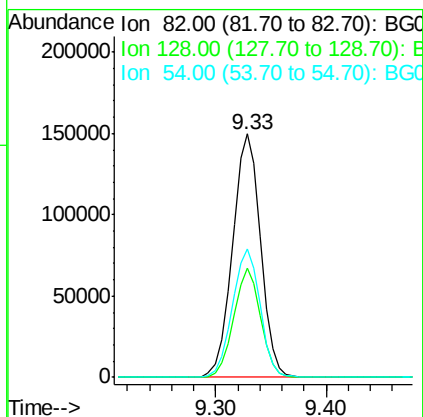
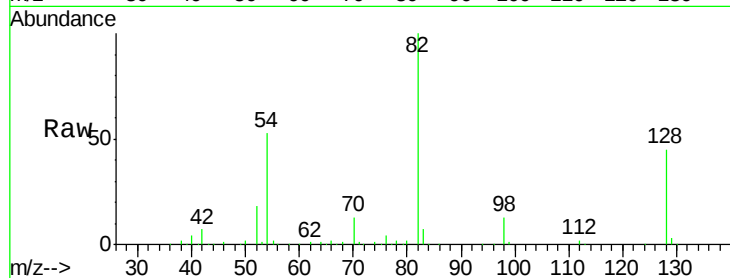




#23
 Nitrobenzene-d5
 Concen: 71.00 ng
 RT: 9.33 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG029404.D
 Acq: 23 Oct 2017 18:12

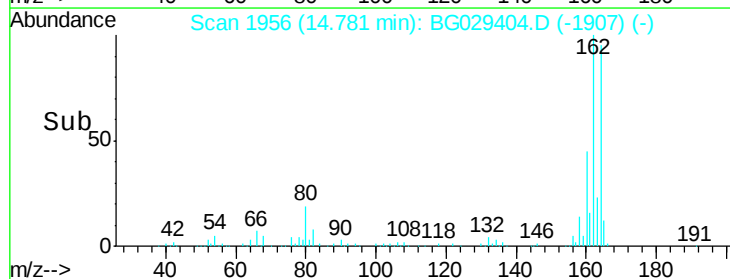
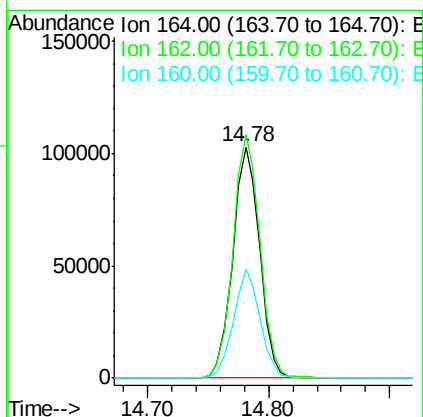
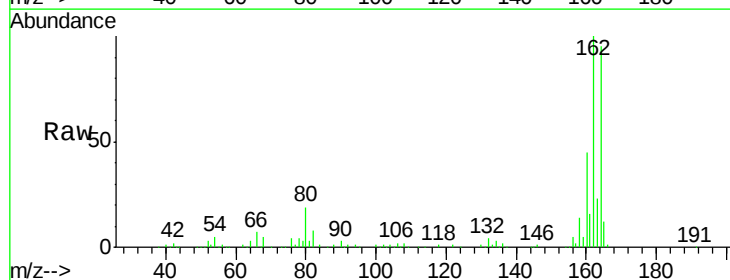
Instrument :
 BNA_G
 ClientSampleId :
 PB103551TB

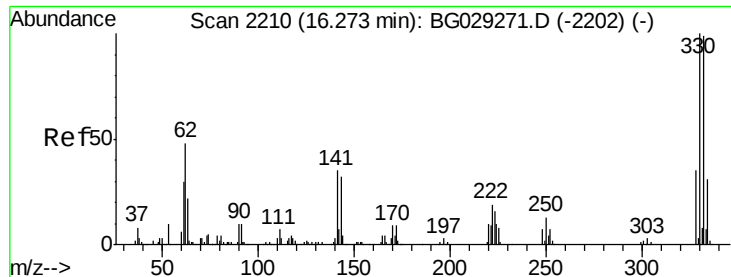
Tot Ion	82	Resp	266470
Ion Ratio	100		
Lower	29.7		
Upper	44.5		
128	44.7		
54	52.6		
	43.1		
	64.7		



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BG029404.D
 Acq: 23 Oct 2017 18:12

Tgt Ion	164	Resp	159139
Ion Ratio	100		
Lower	78.8		
Upper	118.2		
162	105.3		
160	47.2		
	35.4		
	53.0		

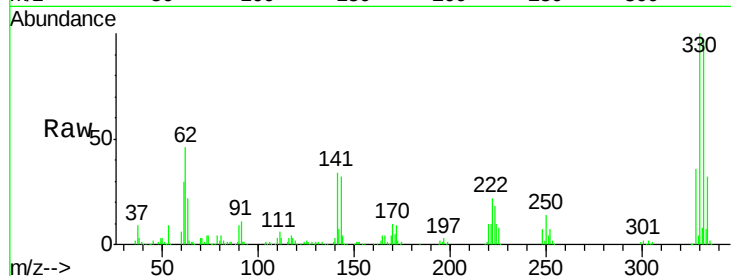




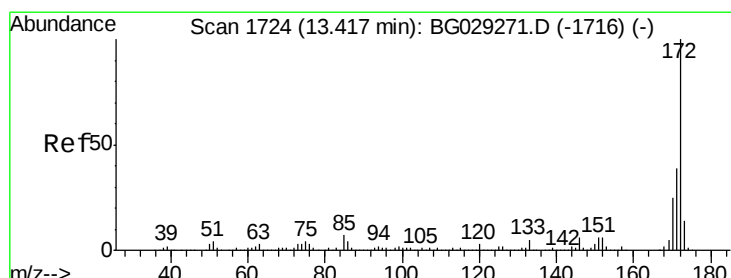
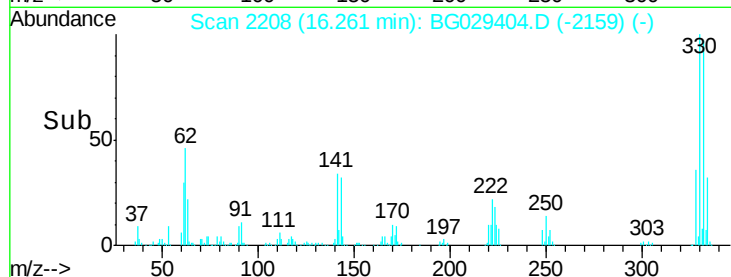
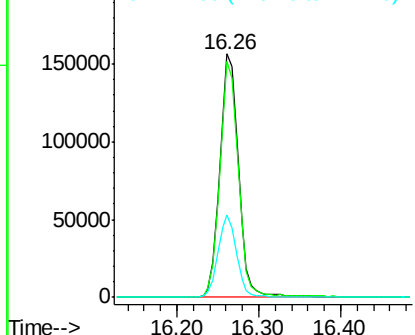
#41
 2,4,6-Tribromophenol
 Concen: 121.92 ng
 RT: 16.26 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BG029404.D
 Acq: 23 Oct 2017 18:12

Instrument :
 BNA_G
 ClientSampleId :
 PB103551TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	33.4	25.2	37.8

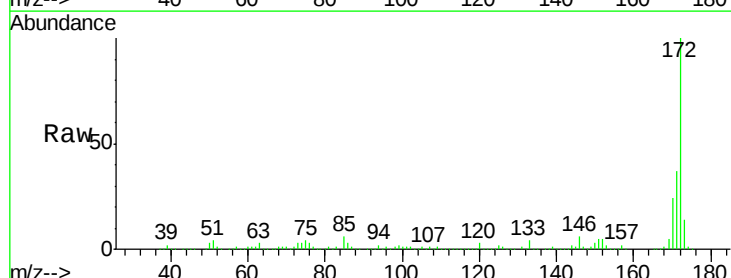


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

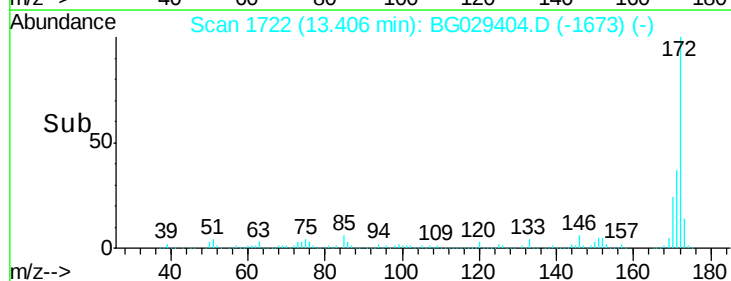
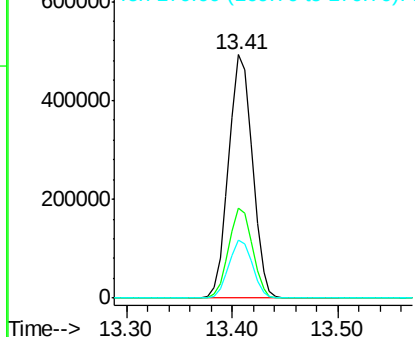


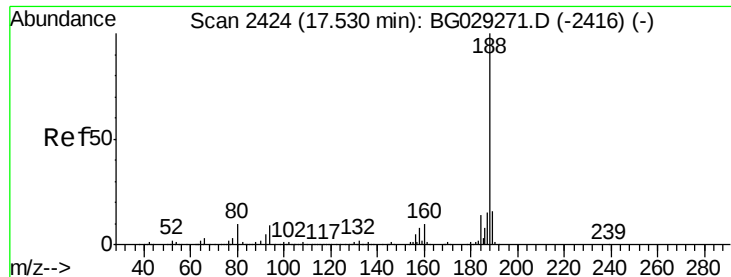
#44
 2-Fluorobiphenyl
 Concen: 70.66 ng
 RT: 13.41 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BG029404.D
 Acq: 23 Oct 2017 18:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.0	45.0
170	23.9	19.5	29.3



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: 17.52 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BG029404.D

Acq: 23 Oct 2017 18:12

Instrument :

BNA_G

ClientSampleId :

PB103551TB

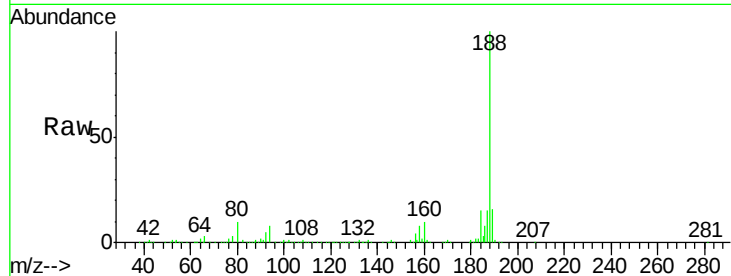
Tot Ion:188 Resp: 436372

Ion Ratio Lower Upper

188 100

94 8.3 6.9 10.3

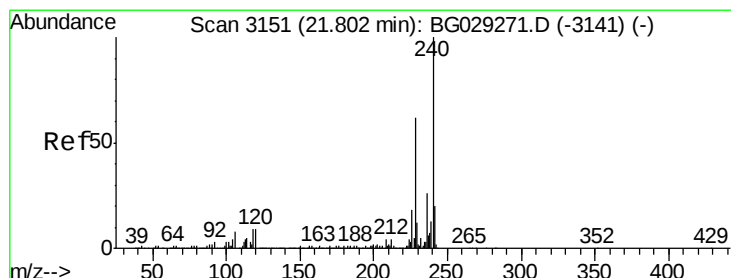
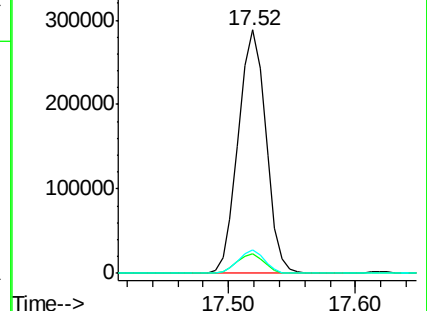
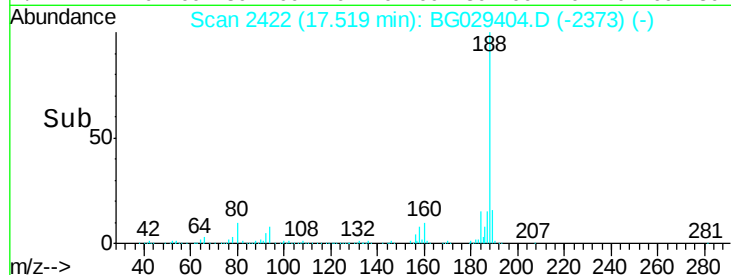
80 9.6 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.79 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG029404.D

Acq: 23 Oct 2017 18:12

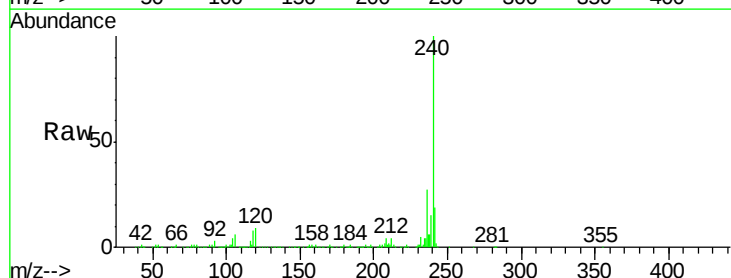
Tgt Ion:240 Resp: 500112

Ion Ratio Lower Upper

240 100

120 8.6 6.8 10.2

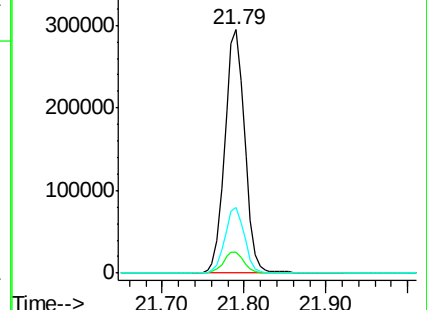
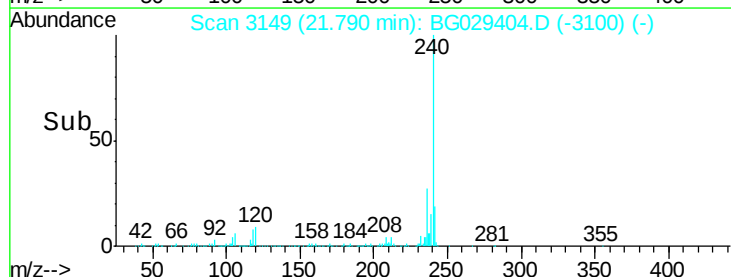
236 26.9 20.9 31.3

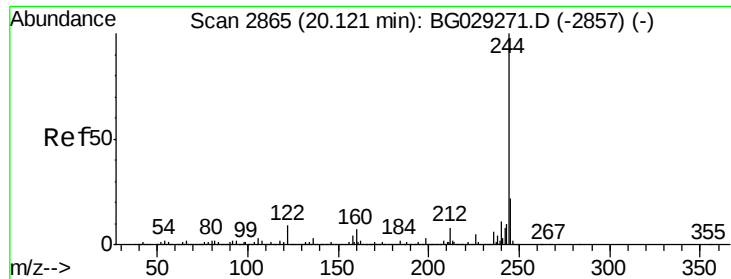


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 65.13 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG029404.D

Acq: 23 Oct 2017 18:12

Instrument :

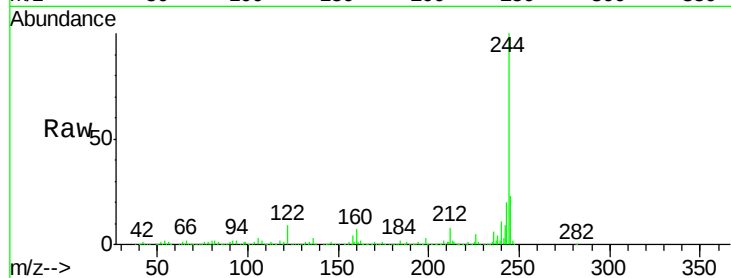
BNA_G

ClientSampleId :

PB103551TB

Tot Ion:244 Resp: 1431735

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	9.1	7.0	10.4

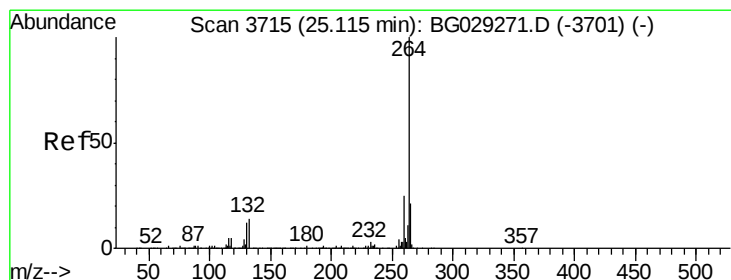
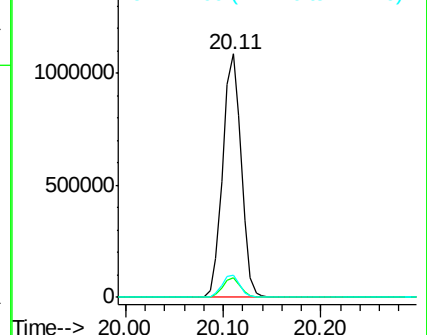
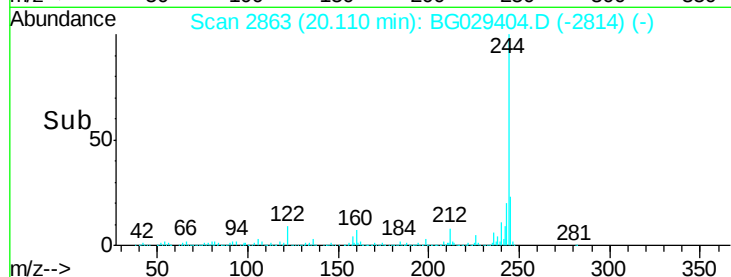


Abundance

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: 25.09 min Scan# 3711

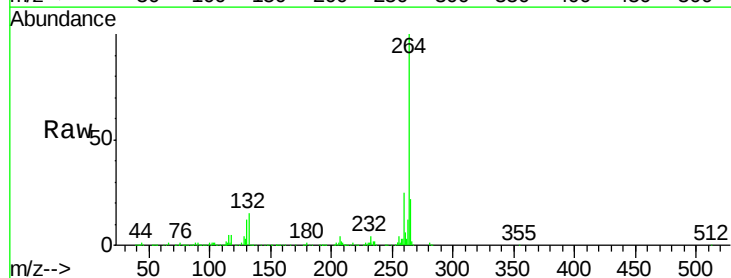
Delta R.T. -0.02 min

Lab File: BG029404.D

Acq: 23 Oct 2017 18:12

Tgt Ion:264 Resp: 492427

Ion	Ratio	Lower	Upper
264	100		
260	24.8	17.4	26.0
265	22.1	17.7	26.5



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

