

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110417\
 Data File : BG030719.D
 Acq On : 4 Nov 2017 3:09
 Operator : SJ/JU
 Sample : PB103961TB
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB103961TB

Quant Time: Nov 04 03:07:26 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 18:14:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	55981	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	255528	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	185946	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	466356	20.00	ng	0.00
75) Chrysene-d12	21.78	240	500447	20.00	ng	0.00
86) Perylene-d12	25.07	264	502266	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	291356	86.94	ng	0.00
7) Phenol-d6	7.31	99	400312	85.11	ng	0.00
23) Nitrobenzene-d5	9.32	82	225403	56.06	ng	0.00
41) 2,4,6-Tribromophenol	16.25	330	210236	87.57	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	713918	56.31	ng	0.00
78) Terphenyl-d14	20.10	244	1213935	55.18	ng	0.00

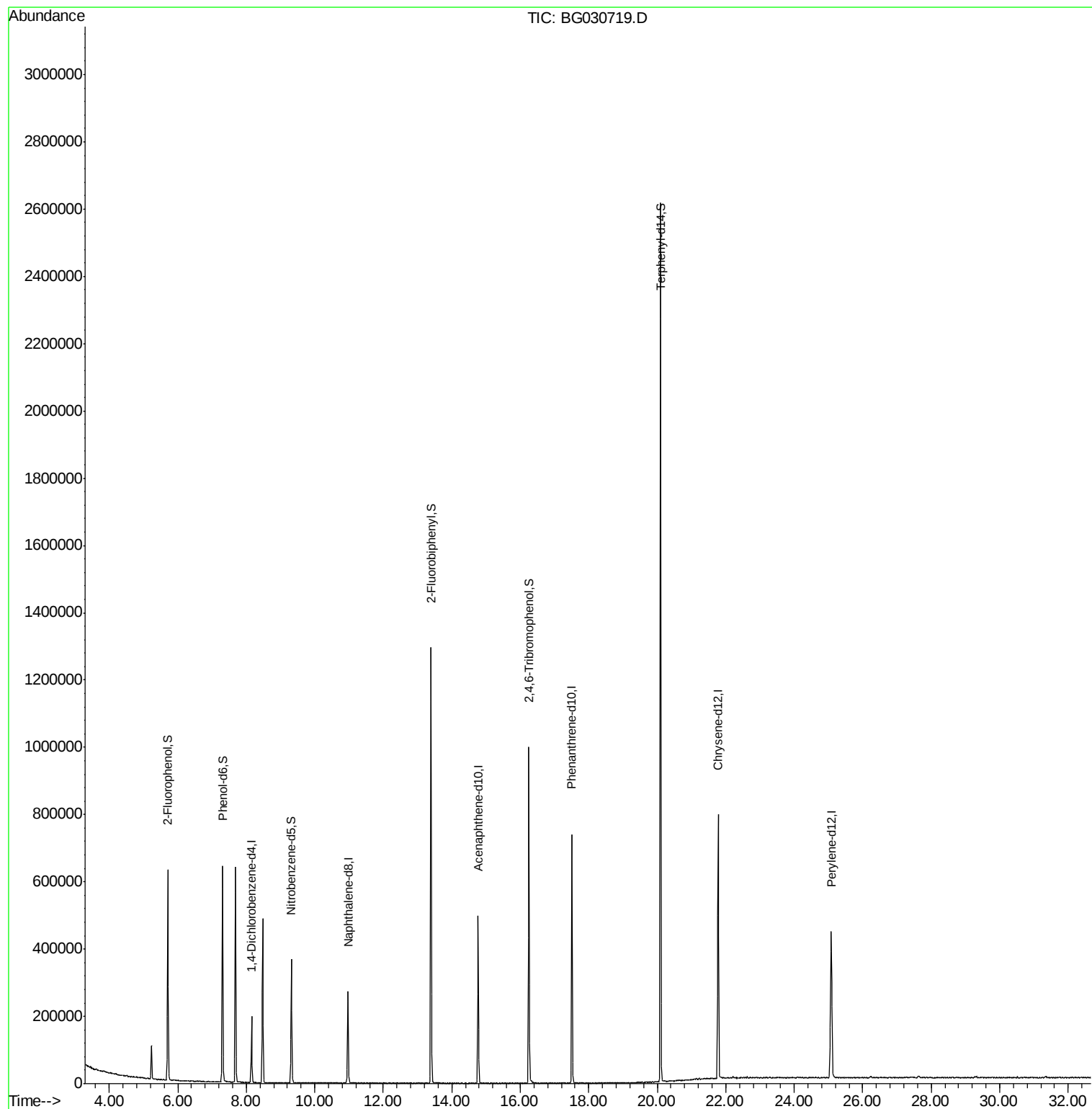
Target Compounds Qvalue

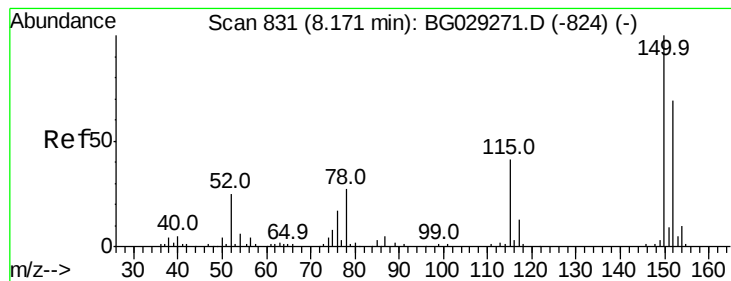
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.15 min Scan# 828

Delta R.T. 0.00 min

Lab File: BG030719.D

Acq: 4 Nov 2017 3:09

Instrument :

BNA_G

ClientSampleId :

PB103961TB

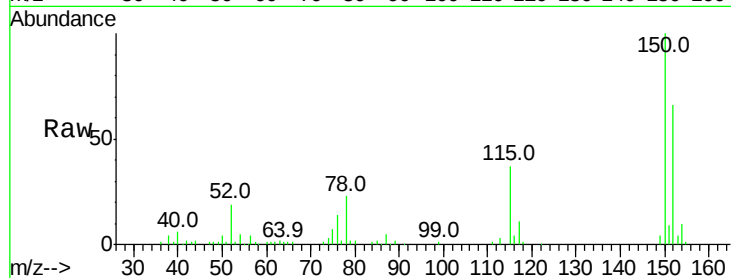
Tot Ion:152 Resp: 55981

Ion Ratio Lower Upper

152 100

150 151.8 126.6 189.8

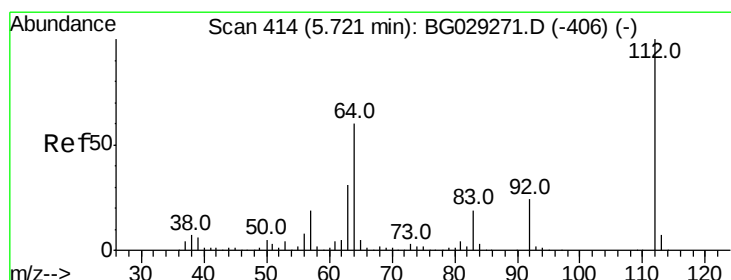
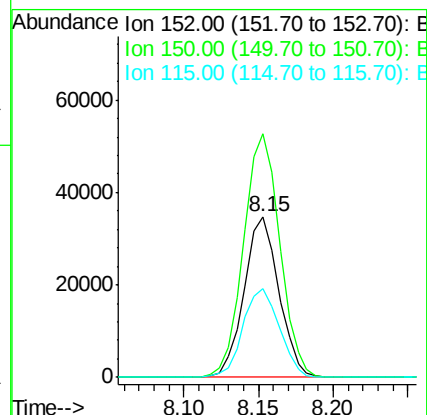
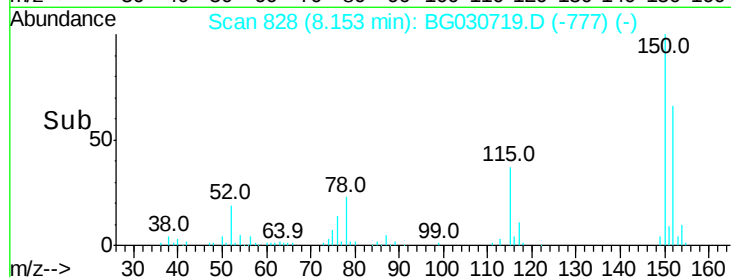
115 55.7 53.0 79.4



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: 86.945 ng

RT: 5.71 min Scan# 412

Delta R.T. 0.00 min

Lab File: BG030719.D

Acq: 4 Nov 2017 3:09

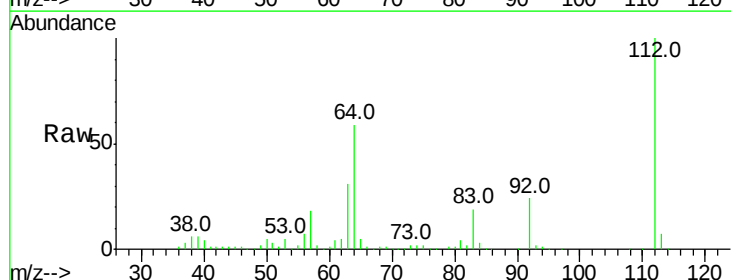
Tgt Ion:112 Resp: 291356

Ion Ratio Lower Upper

112 100

64 59.4 56.3 84.5

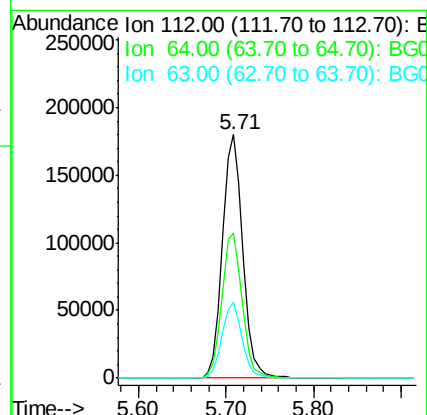
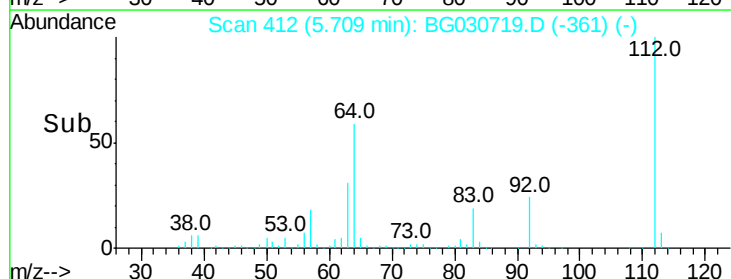
63 31.2 30.1 45.1

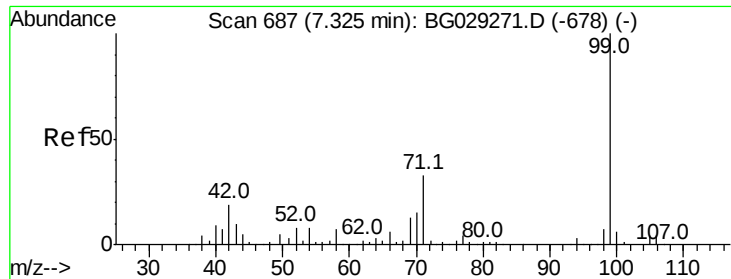


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 85.105 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG030719.D

Acq: 4 Nov 2017 3:09

Instrument :

BNA_G

ClientSampleId :

PB103961TB

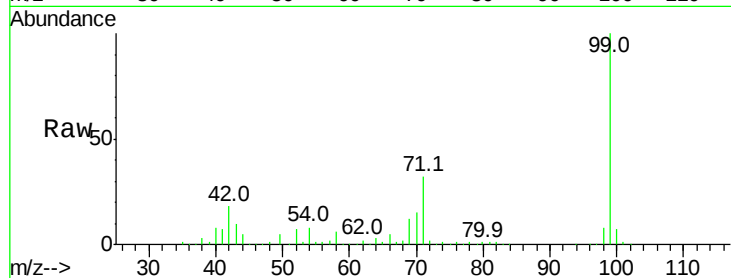
Tot Ion: 99 Resp: 400312

Ion Ratio Lower Upper

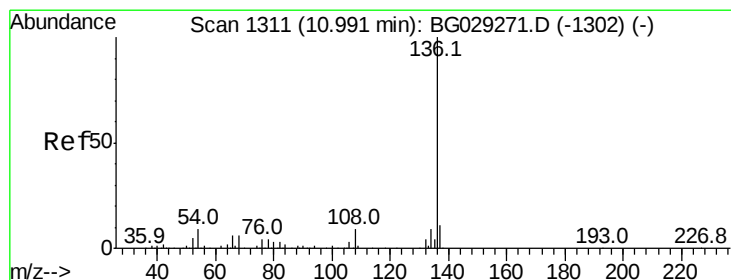
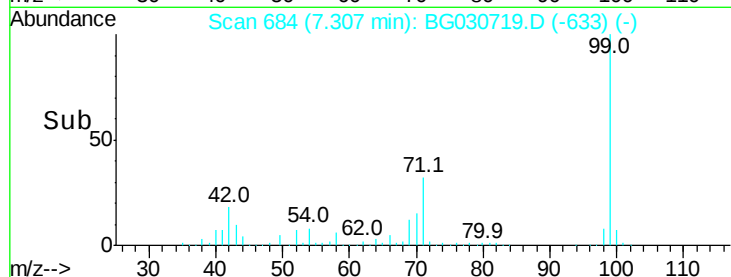
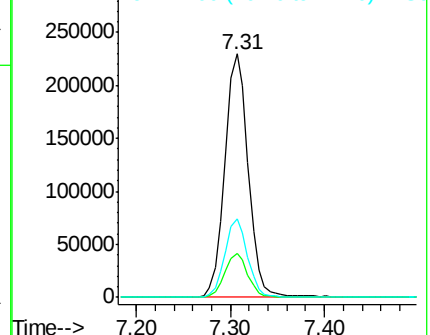
99 100

42 17.9 14.1 21.1

71 32.4 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: 20.000 ng

RT: 10.97 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BG030719.D

Acq: 4 Nov 2017 3:09

Tgt Ion: 136 Resp: 255528

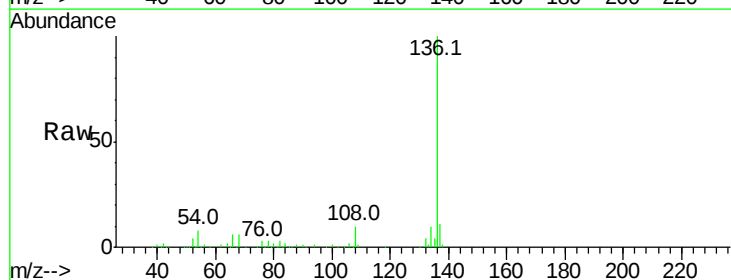
Ion Ratio Lower Upper

136 100

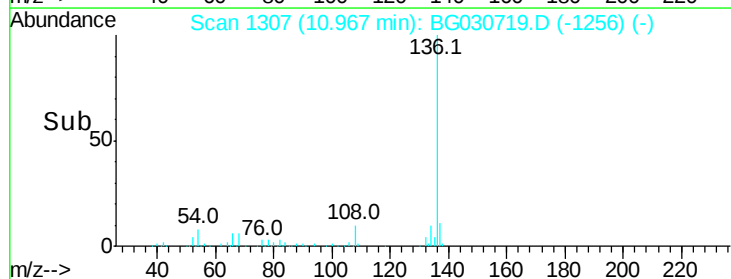
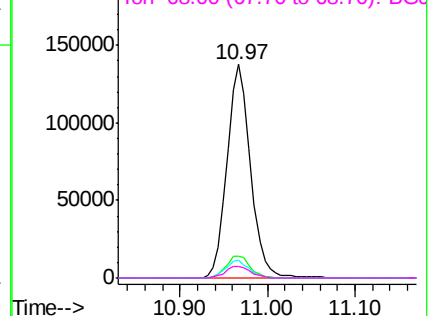
137 10.5 9.2 13.8

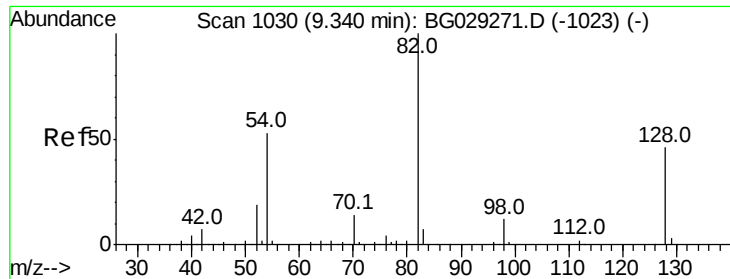
54 8.1 10.3 15.5#

68 5.7 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

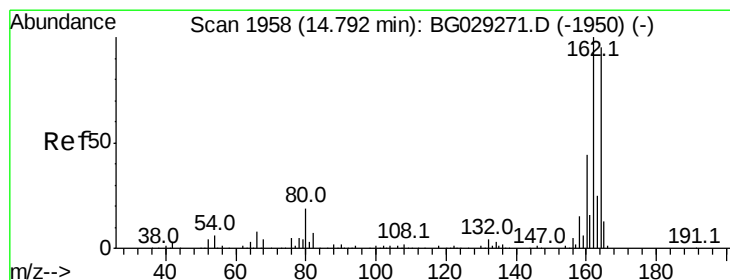
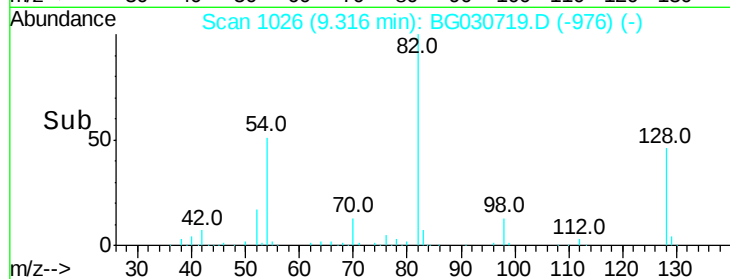
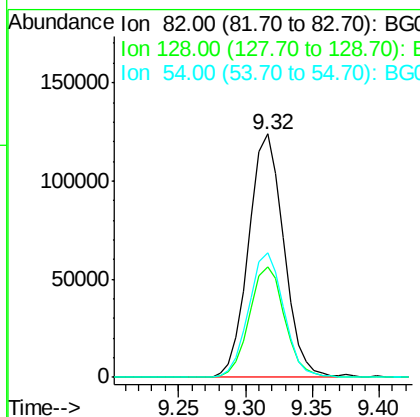
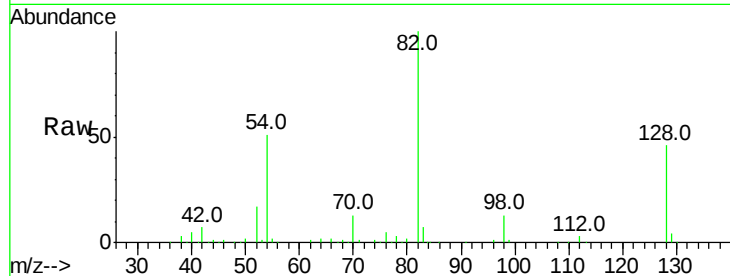




#23
 Nitrobenzene-d5
 Concen: 56.055 ng
 RT: 9.32 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BG030719.D
 Acq: 4 Nov 2017 3:09

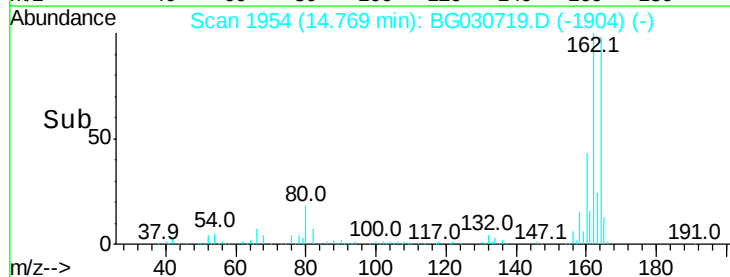
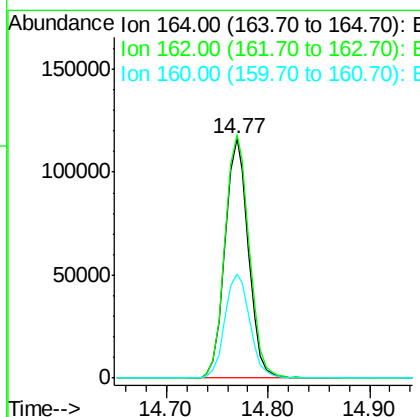
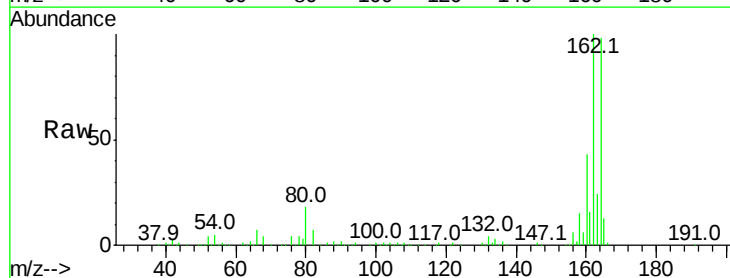
Instrument :
 BNA_G
 ClientSampleId :
 PB103961TB

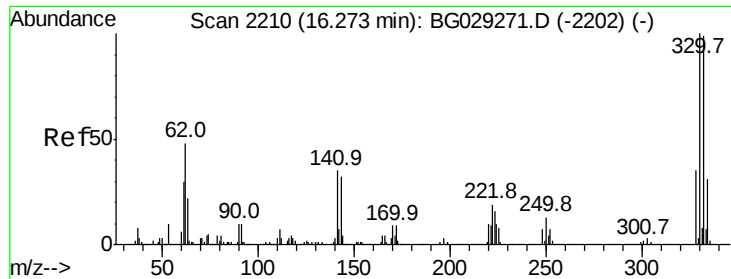
Tot Ion: 82 Resp: 225403
 Ion Ratio Lower Upper
 82 100
 128 45.6 29.7 44.5#
 54 50.9 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1954
 Delta R.T. -0.01 min
 Lab File: BG030719.D
 Acq: 4 Nov 2017 3:09

Tgt Ion:164 Resp: 185946
 Ion Ratio Lower Upper
 164 100
 162 101.6 78.8 118.2
 160 43.7 35.4 53.0

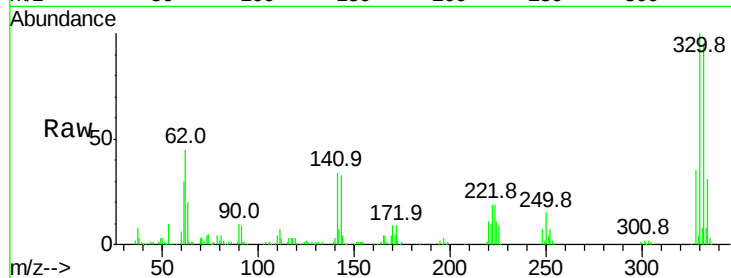




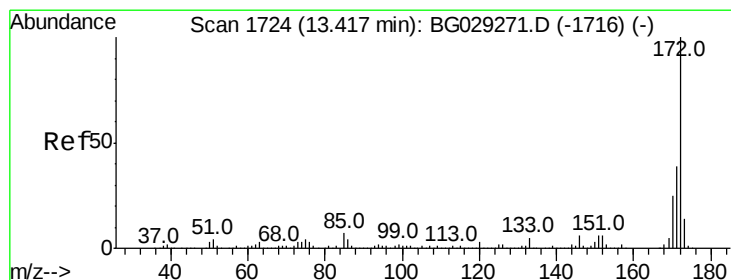
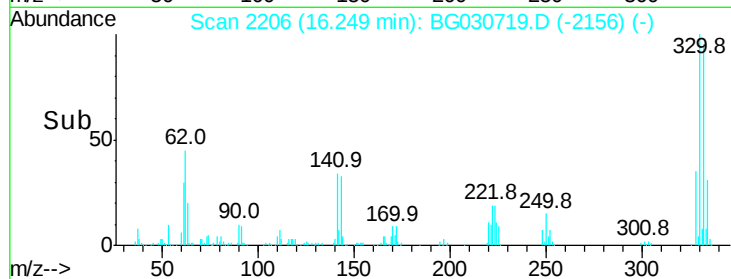
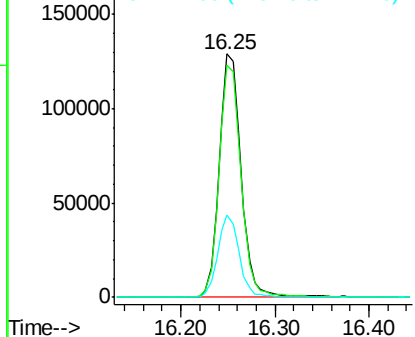
#41
 2,4,6-Tribromophenol
 Concen: 87.571 ng
 RT: 16.25 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BG030719.D
 Acq: 4 Nov 2017 3:09

Instrument :
 BNA_G
 ClientSampleId :
 PB103961TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	33.3	25.2	37.8

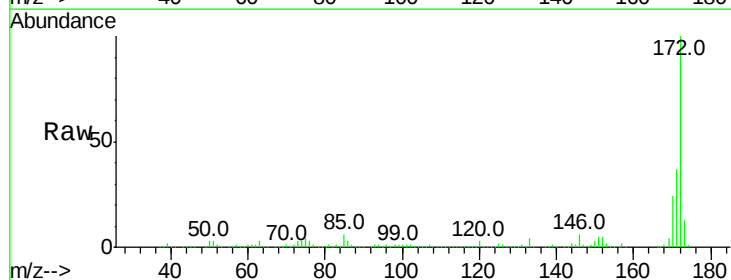


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

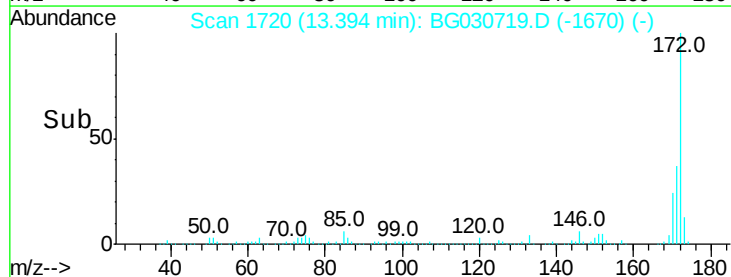
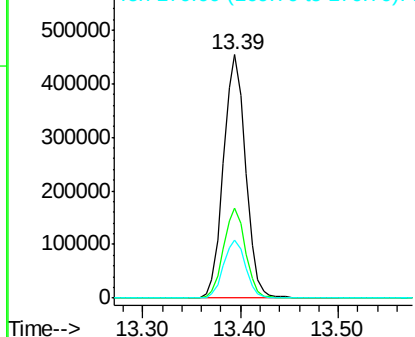


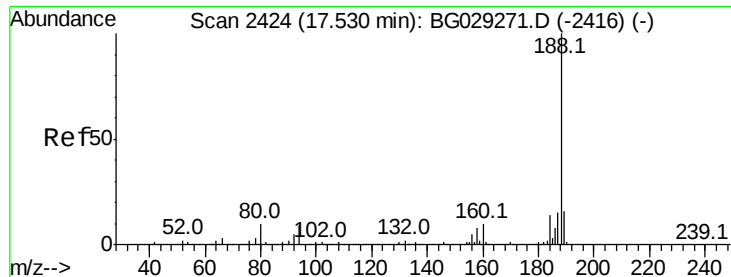
#44
 2-Fluorobiphenyl
 Concen: 56.310 ng
 RT: 13.39 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BG030719.D
 Acq: 4 Nov 2017 3:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.0	45.0
170	23.8	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

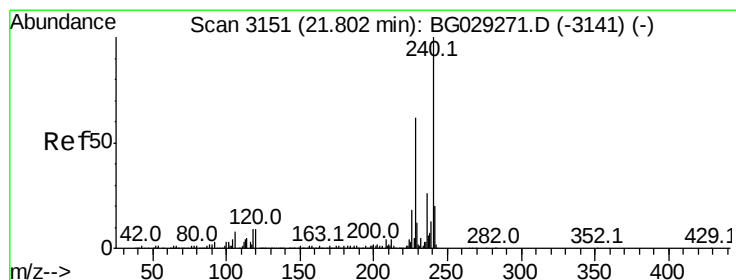
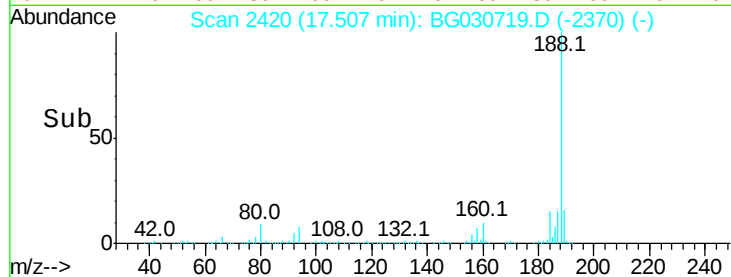
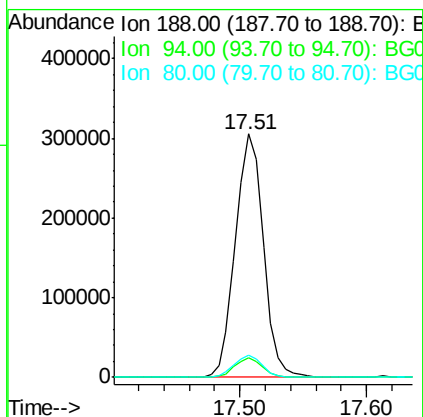
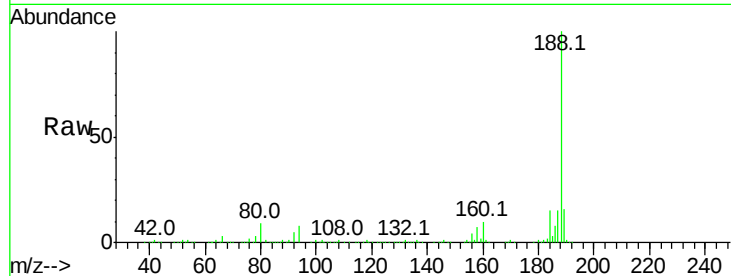




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.51 min Scan# 2420
 Delta R.T. -0.01 min
 Lab File: BG030719.D
 Acq: 4 Nov 2017 3:09

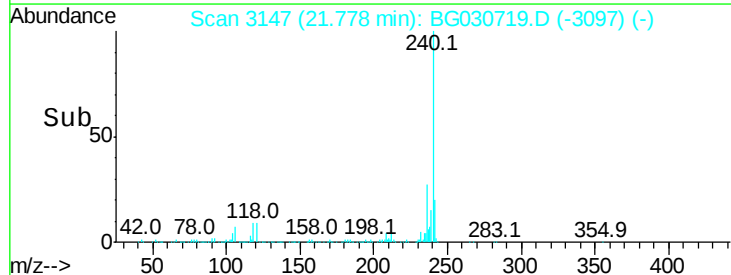
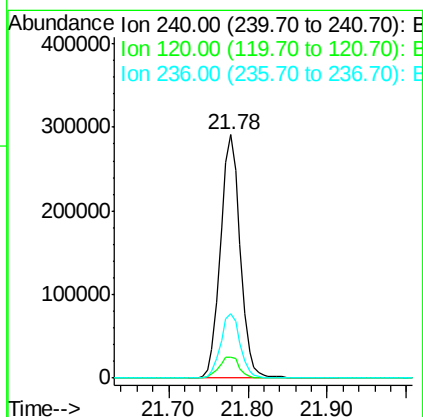
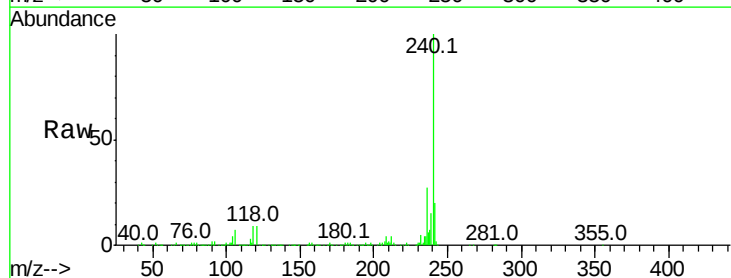
Instrument :
 BNA_G
 ClientSampleId :
 PB103961TB

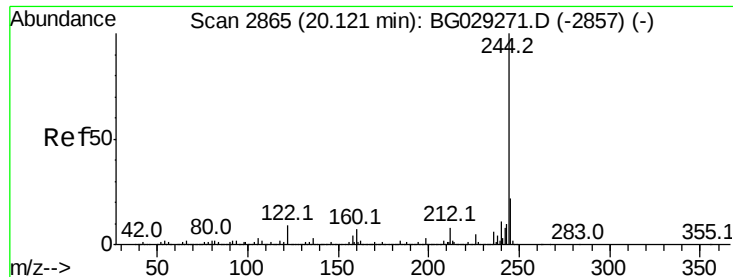
Tot Ion:188 Resp: 466356
 Ion Ratio Lower Upper
 188 100
 94 8.2 6.9 10.3
 80 8.9 7.7 11.5



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.78 min Scan# 3147
 Delta R.T. -0.01 min
 Lab File: BG030719.D
 Acq: 4 Nov 2017 3:09

Tgt Ion:240 Resp: 500447
 Ion Ratio Lower Upper
 240 100
 120 8.6 6.8 10.2
 236 26.5 20.9 31.3





#78

Terphenyl-d14

Concen: 55.183 ng

RT: 20.10 min Scan# 2861

Delta R.T. 0.00 min

Lab File: BG030719.D

Acq: 4 Nov 2017 3:09

Instrument :

BNA_G

ClientSampleId :

PB103961TB

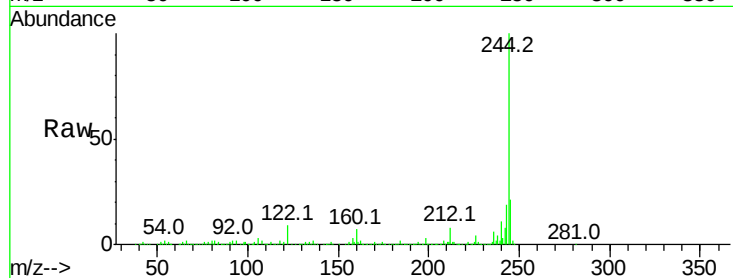
Tot Ion:244 Resp: 1213935

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.8
122	9.1	7.0	10.4

244 100

212 7.8 5.8 8.8

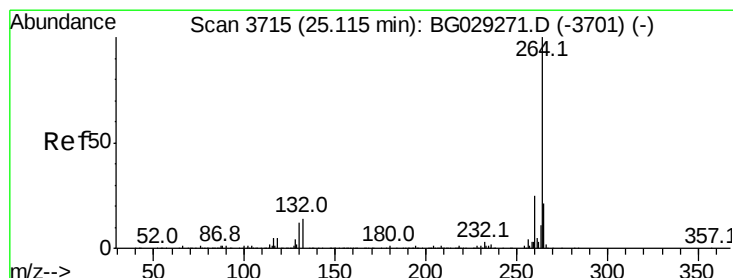
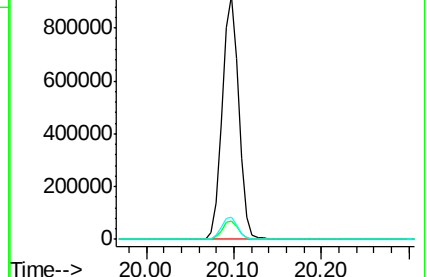
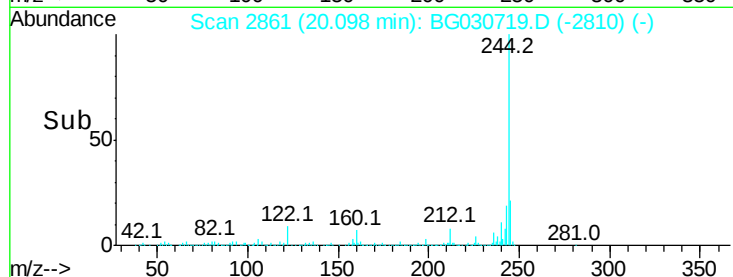
122 9.1 7.0 10.4



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: 20.000 ng

RT: 25.07 min Scan# 3708

Delta R.T. -0.02 min

Lab File: BG030719.D

Acq: 4 Nov 2017 3:09

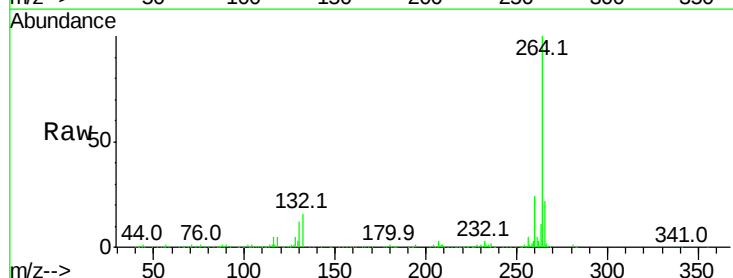
Tgt Ion:264 Resp: 502266

Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	21.6	17.7	26.5

264 100

260 24.2 17.4 26.0

265 21.6 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

