

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110117\
 Data File : BG030630.D
 Acq On : 1 Nov 2017 11:48
 Operator : SJ/JU
 Sample : PB103849BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB103849BL

Quant Time: Nov 01 17:48:23 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 17:41:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	72160	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	331157	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	230989	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	537317	20.00	ng	0.00
75) Chrysene-d12	21.78	240	591953	20.00	ng	0.00
86) Perylene-d12	25.09	264	587547	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	558553	129.31	ng	0.00
7) Phenol-d6	7.32	99	756943	124.84	ng	0.00
23) Nitrobenzene-d5	9.32	82	438089	84.07	ng	0.00
41) 2,4,6-Tribromophenol	16.25	330	384393	128.89	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	1296756	82.34	ng	0.00
78) Terphenyl-d14	20.10	244	1979971	76.09	ng	0.00

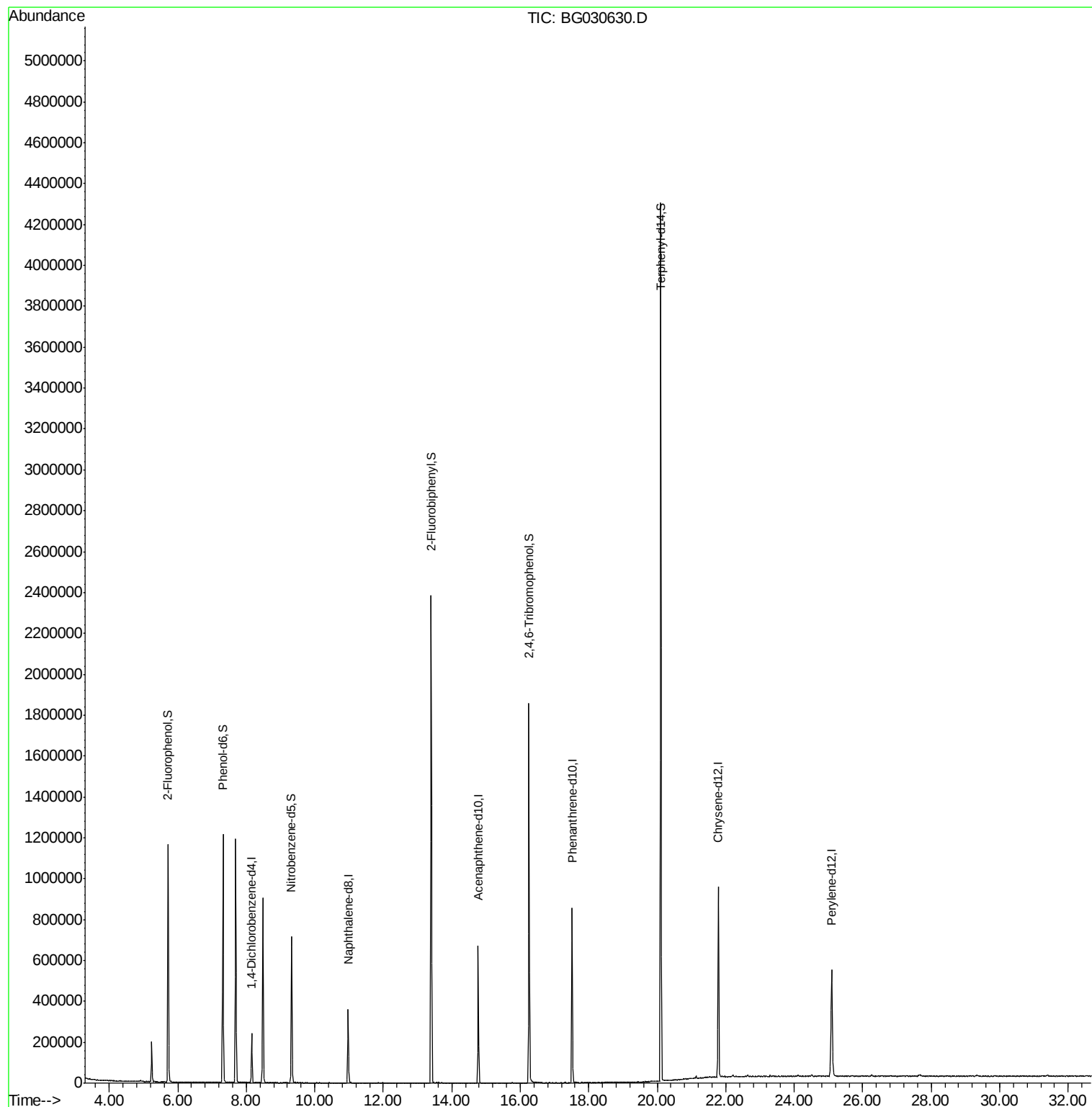
Target Compounds Qvalue

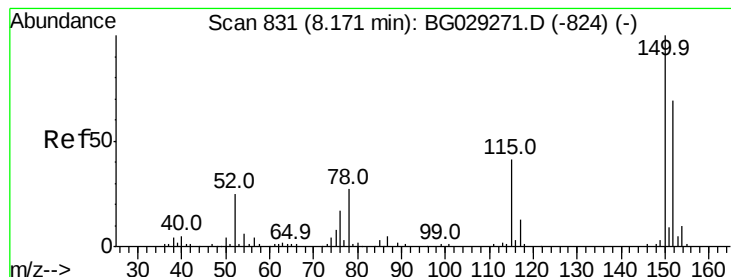
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.16 min Scan# 829

Delta R.T. 0.00 min

Lab File: BG030630.D

Acq: 1 Nov 2017 11:48

Instrument :

BNA_G

ClientSampleId :

PB103849BL

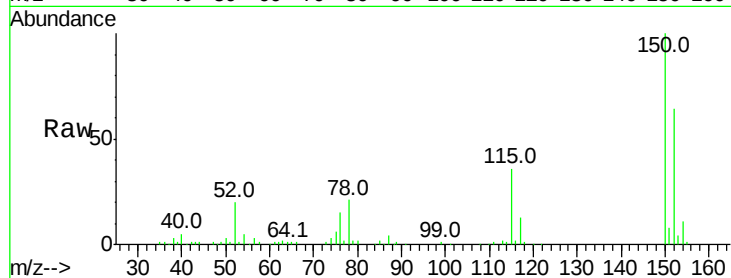
Tot Ion:152 Resp: 72160

Ion Ratio Lower Upper

152 100

150 157.1 126.6 189.8

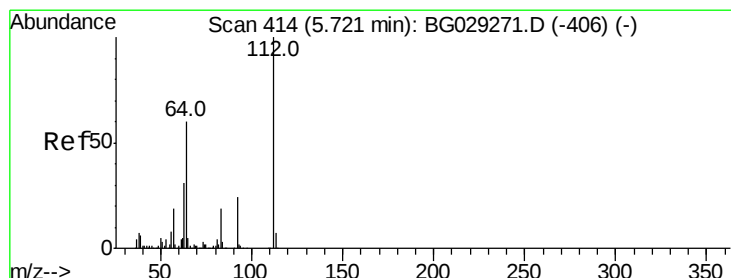
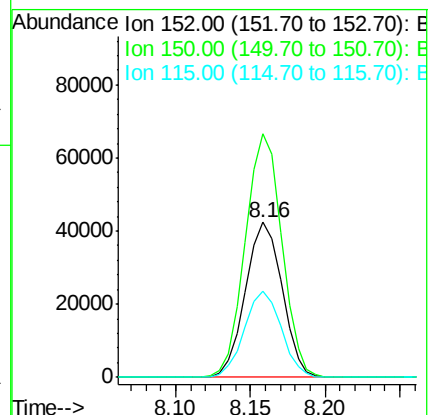
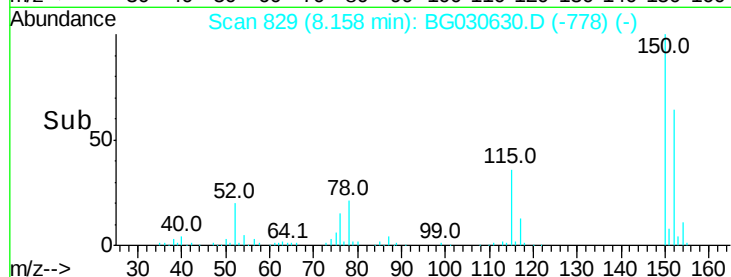
115 55.9 53.0 79.4



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: 129.309 ng

RT: 5.71 min Scan# 413

Delta R.T. 0.00 min

Lab File: BG030630.D

Acq: 1 Nov 2017 11:48

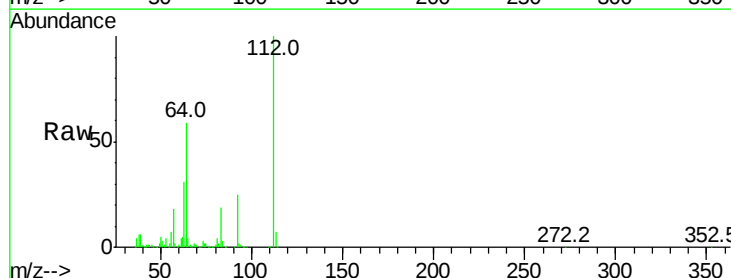
Tgt Ion:112 Resp: 558553

Ion Ratio Lower Upper

112 100

64 58.6 56.3 84.5

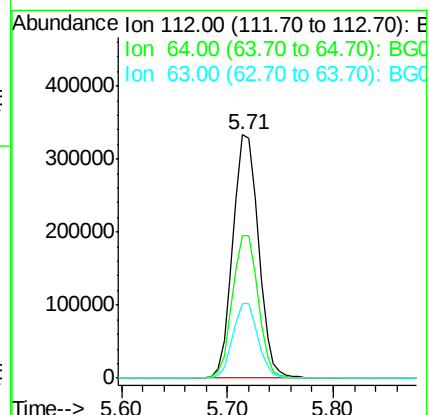
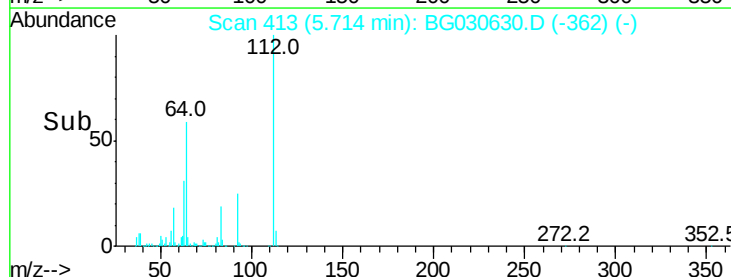
63 30.5 30.1 45.1

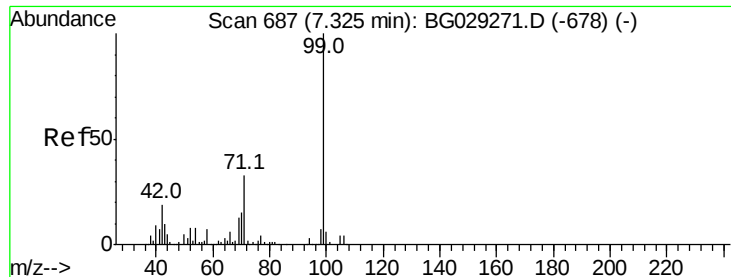


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 124.844 ng

RT: 7.32 min Scan# 686

Delta R.T. 0.00 min

Lab File: BG030630.D

Acq: 1 Nov 2017 11:48

Instrument :

BNA_G

ClientSampleId :

PB103849BL

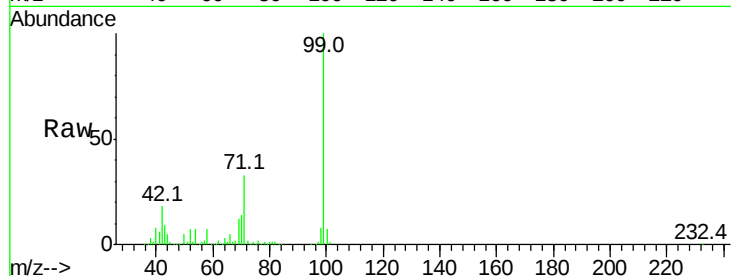
Tot Ion: 99 Resp: 756943

Ion Ratio Lower Upper

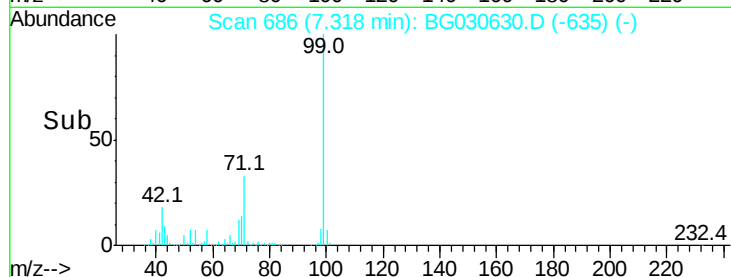
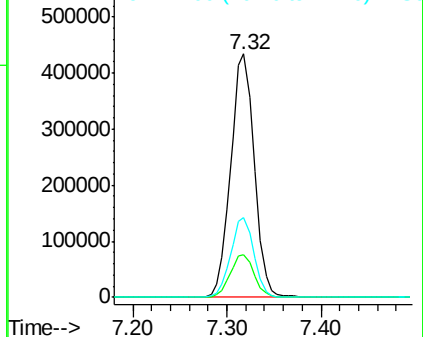
99 100

42 17.8 14.1 21.1

71 32.7 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: 20.000 ng

RT: 10.97 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BG030630.D

Acq: 1 Nov 2017 11:48

Tgt Ion: 136 Resp: 331157

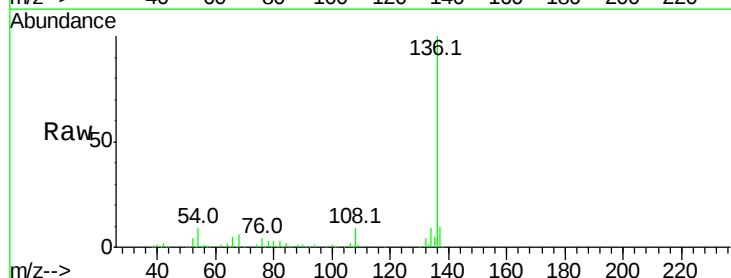
Ion Ratio Lower Upper

136 100

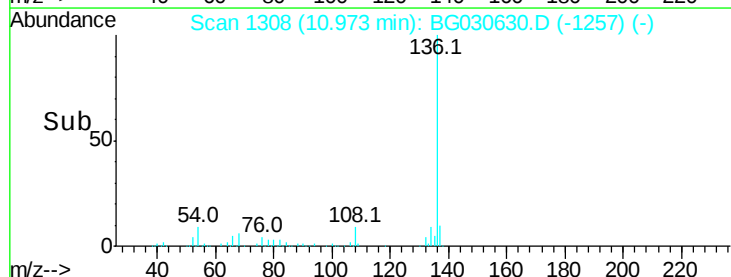
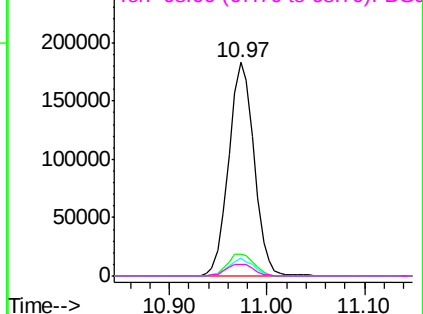
137 10.2 9.2 13.8

54 8.6 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

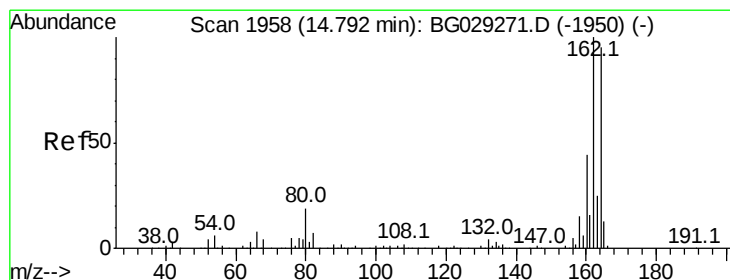
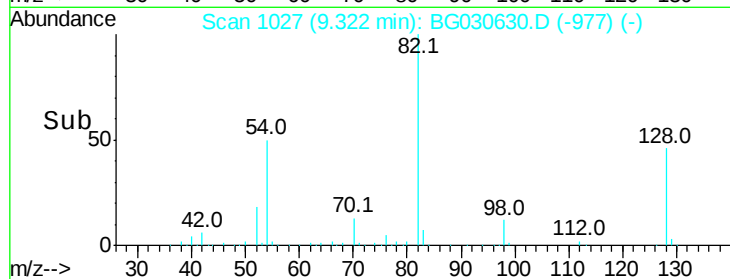
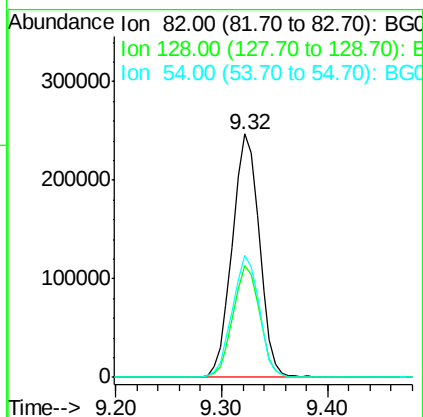
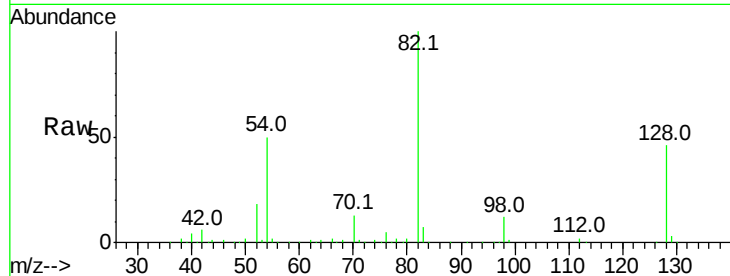




#23
 Nitrobenzene-d5
 Concen: 84.067 ng
 RT: 9.32 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BG030630.D
 Acq: 1 Nov 2017 11:48

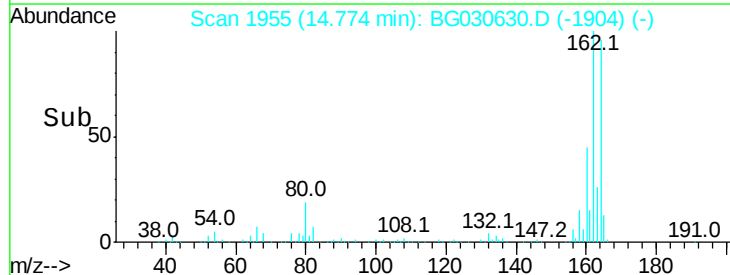
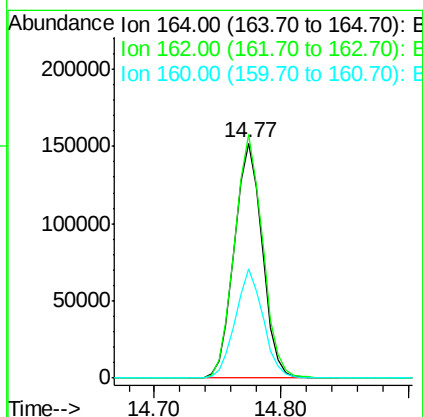
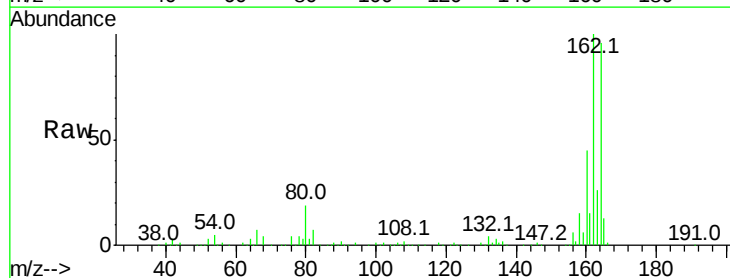
Instrument :
 BNA_G
 ClientSampleId :
 PB103849BL

Tot Ion: 82 Resp: 438089
 Ion Ratio Lower Upper
 82 100
 128 45.8 29.7 44.5#
 54 50.1 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: BG030630.D
 Acq: 1 Nov 2017 11:48

Tgt Ion:164 Resp: 230989
 Ion Ratio Lower Upper
 164 100
 162 103.7 78.8 118.2
 160 46.6 35.4 53.0

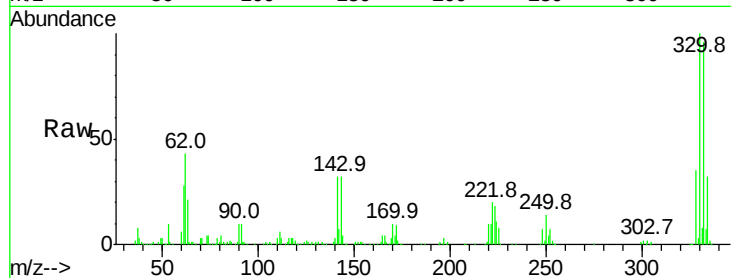




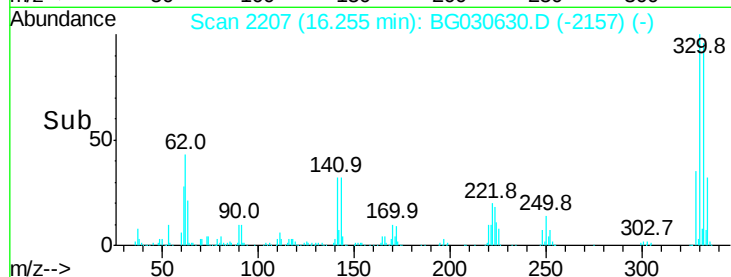
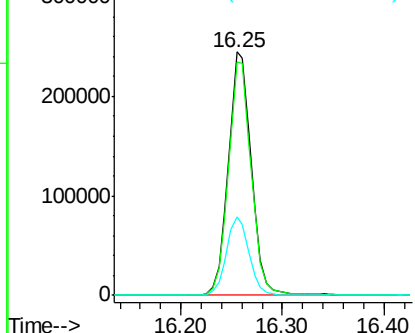
#41
 2,4,6-Tribromophenol
 Concen: 128.891 ng
 RT: 16.25 min Scan# 2207
 Delta R.T. -0.01 min
 Lab File: BG030630.D
 Acq: 1 Nov 2017 11:48

Instrument :
 BNA_G
 ClientSampleId :
 PB103849BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	32.1	25.2	37.8

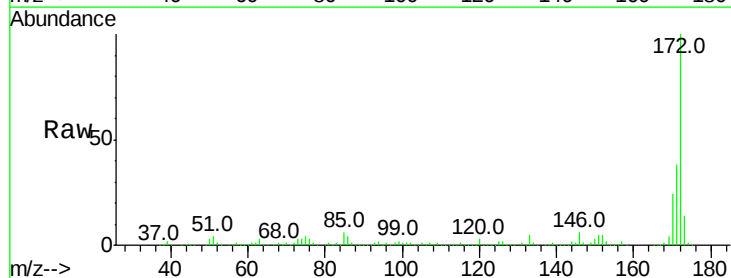


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

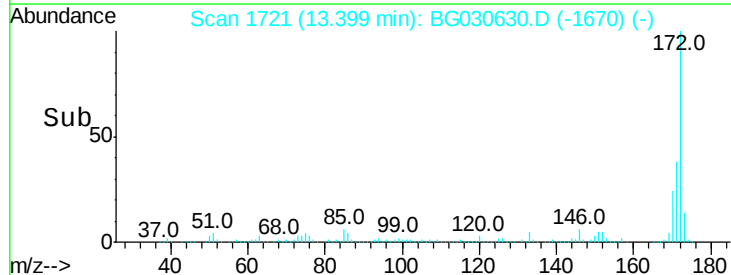
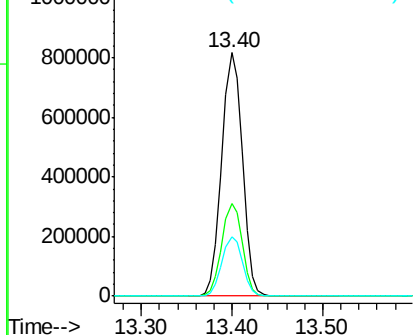


#44
 2-Fluorobiphenyl
 Concen: 82.337 ng
 RT: 13.40 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: BG030630.D
 Acq: 1 Nov 2017 11:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.0	45.0
170	24.4	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

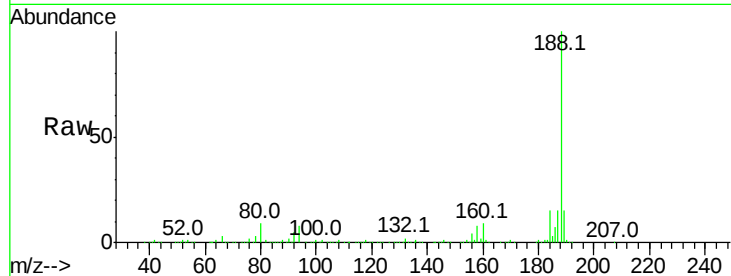




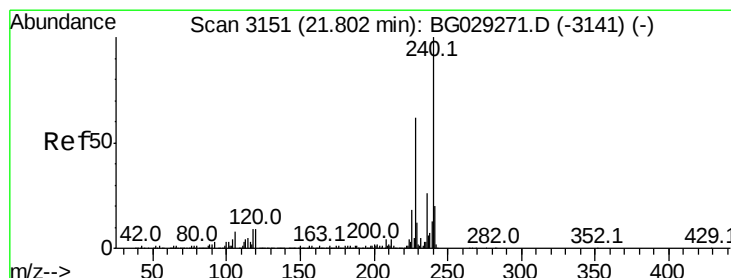
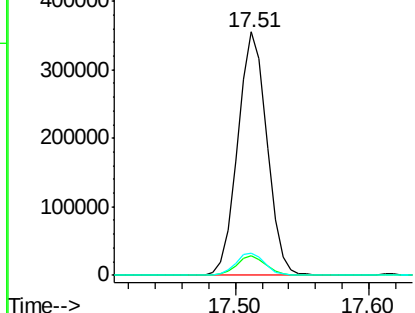
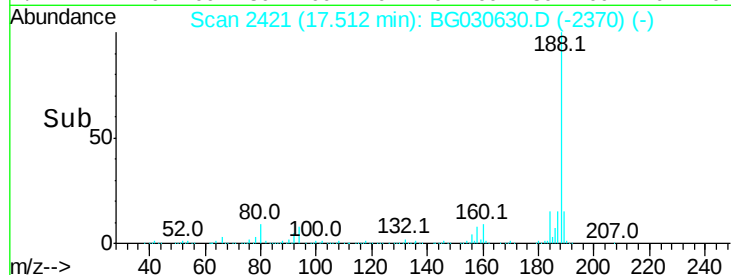
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2421
Delta R.T. 0.00 min
Lab File: BG030630.D
Acq: 1 Nov 2017 11:48

Instrument :
BNA_G
ClientSampleId :
PB103849BL

Tot Ion:188 Resp: 537317
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 8.9 7.7 11.5

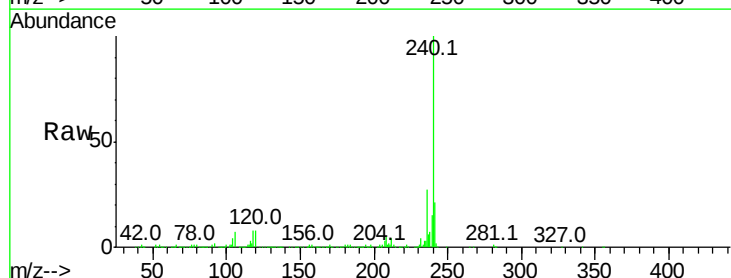


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

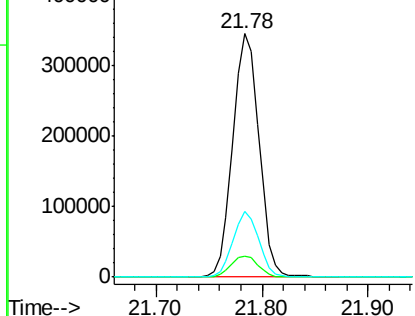
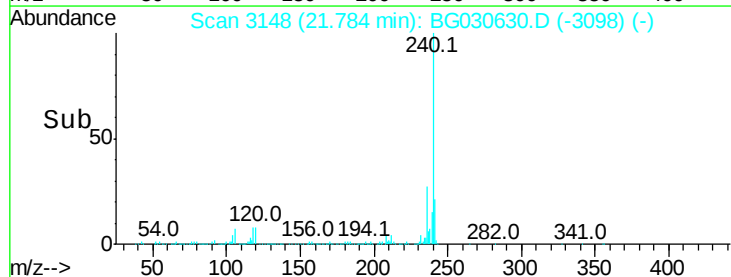


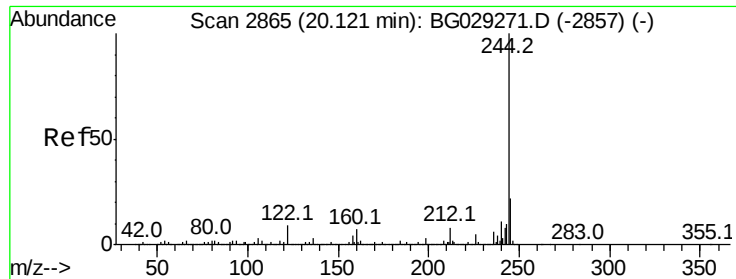
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BG030630.D
Acq: 1 Nov 2017 11:48

Tgt Ion:240 Resp: 591953
Ion Ratio Lower Upper
240 100
120 8.5 6.8 10.2
236 27.0 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

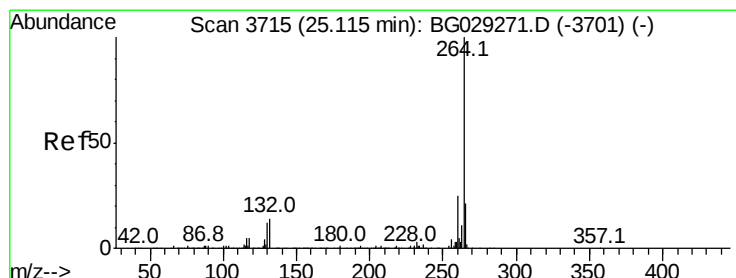
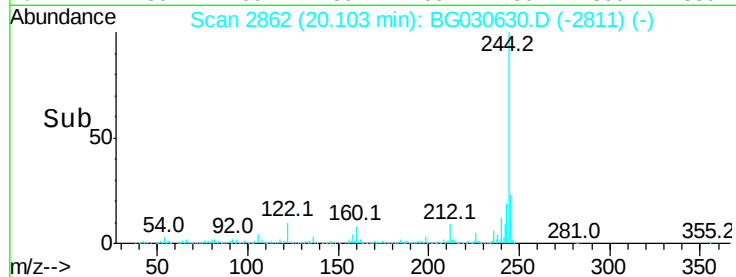
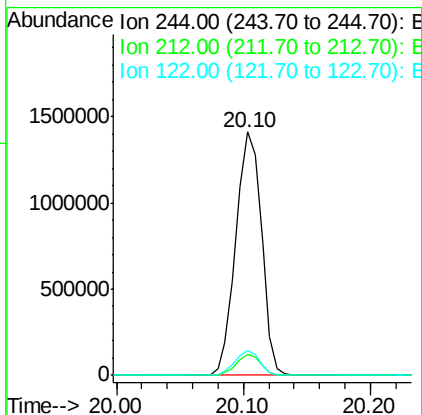
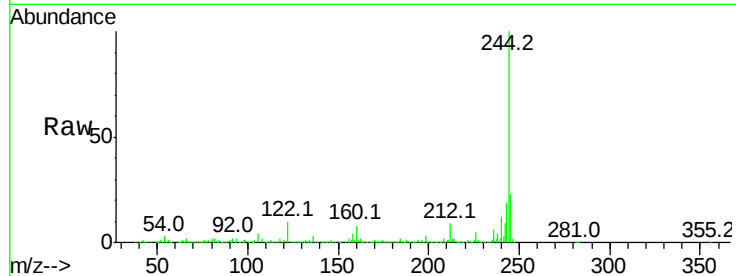




#78
 Terphenyl-d14
 Concen: 76.092 ng
 RT: 20.10 min Scan# 2862
 Delta R.T. 0.00 min
 Lab File: BG030630.D
 Acq: 1 Nov 2017 11:48

Instrument :
 BNA_G
 ClientSampleId :
 PB103849BL

Tot Ion:244 Resp: 1979971
 Ion Ratio Lower Upper
 244 100
 212 8.7 5.8 8.8
 122 10.2 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.09 min Scan# 3711
 Delta R.T. -0.01 min
 Lab File: BG030630.D
 Acq: 1 Nov 2017 11:48

Tgt Ion:264 Resp: 587547
 Ion Ratio Lower Upper
 264 100
 260 23.4 17.4 26.0
 265 22.0 17.7 26.5

