

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111317\
 Data File : BG030972.D
 Acq On : 13 Nov 2017 14:31
 Operator : SJ/JU
 Sample : PB104196TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB104196TB

Quant Time: Nov 14 04:49:13 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	44729	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	177941	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	117448	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	335762	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	440098	20.00	ng	-0.01
86) Perylene-d12	25.07	264	435281	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	251223	96.31	ng	0.00
7) Phenol-d6	7.31	99	315535	89.79	ng	0.00
23) Nitrobenzene-d5	9.31	82	186956	62.26	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	206981	108.94	ng	-0.01
44) 2-Fluorobiphenyl	13.39	172	557543	68.21	ng	-0.01
78) Terphenyl-d14	20.09	244	1229527	61.69	ng	0.00

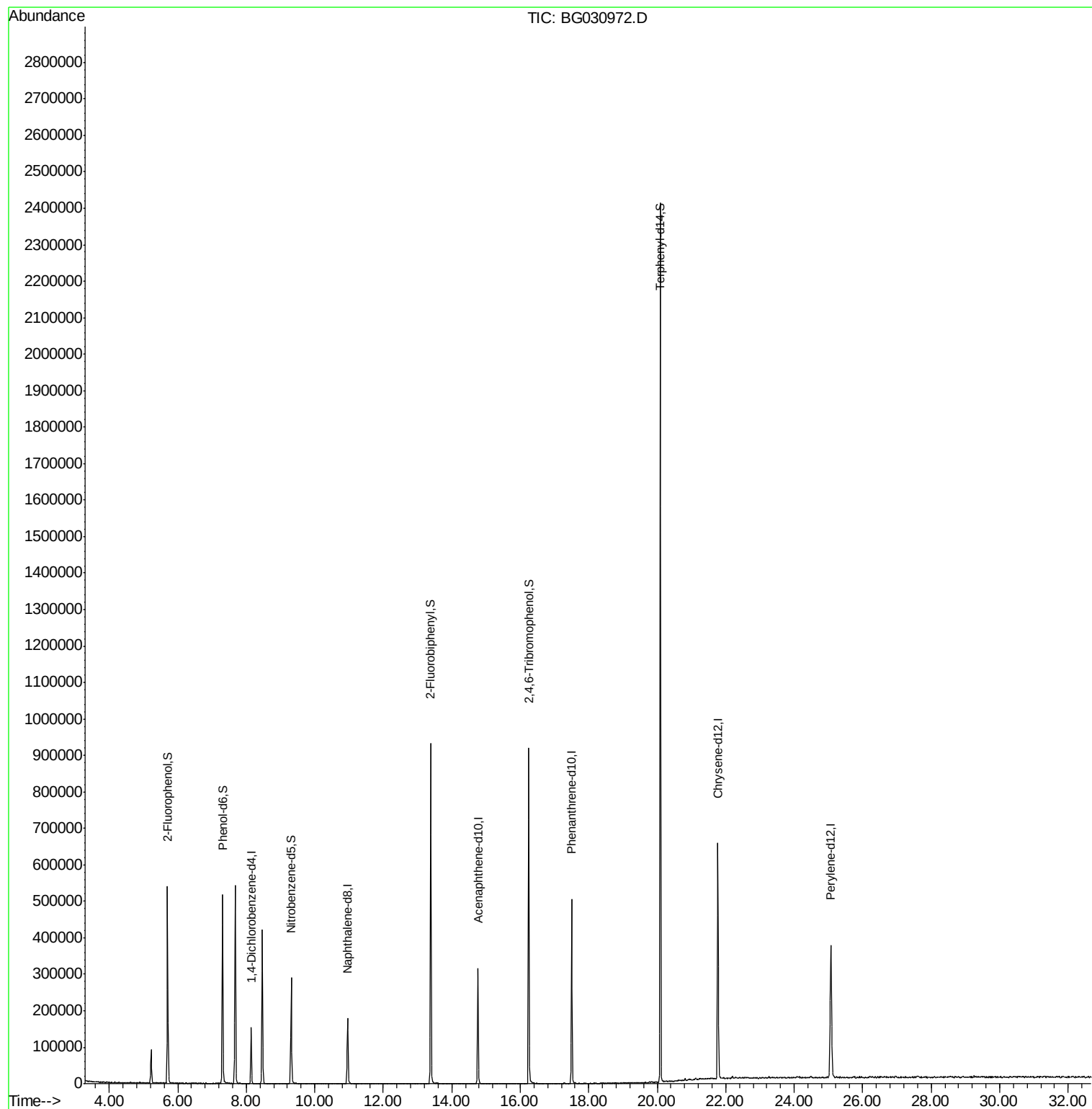
Target Compounds Qvalue

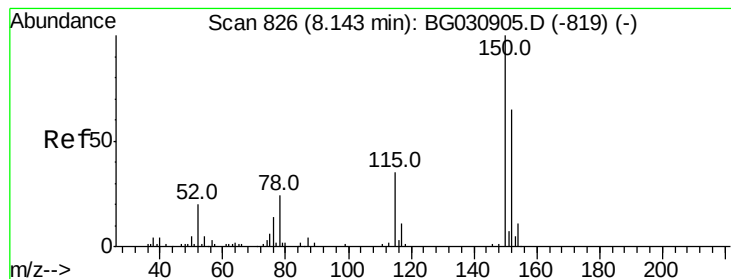
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 826

Delta R.T. -0.01 min

Lab File: BG030972.D

Acq: 13 Nov 2017 14:31

Instrument :

BNA_G

ClientSampleId :

PB104196TB

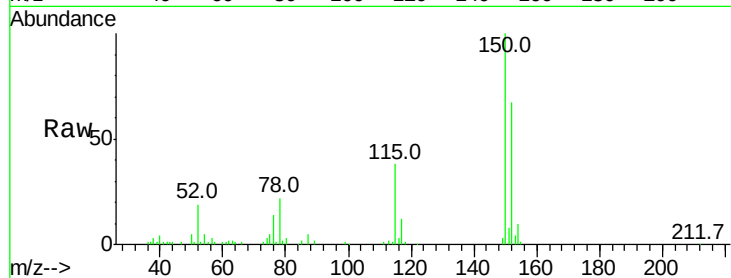
Tot Ion:152 Resp: 44729

Ion Ratio Lower Upper

152 100

150 150.3 126.6 189.8

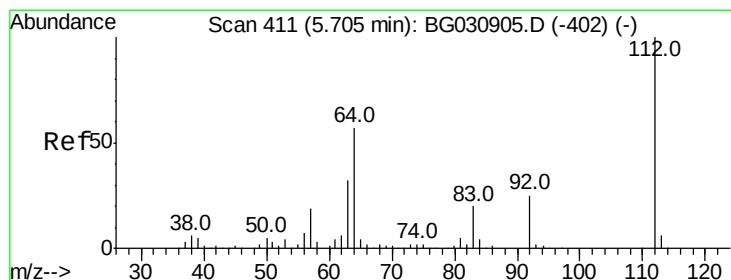
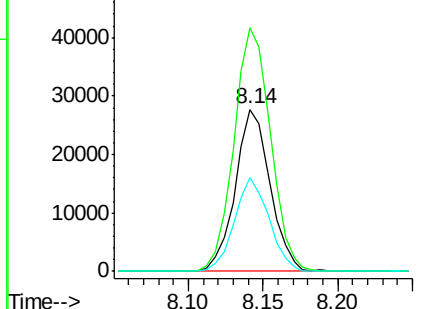
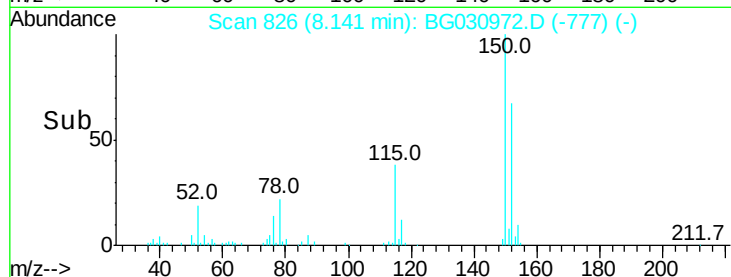
115 57.7 53.0 79.4



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: 96.310 ng

RT: 5.70 min Scan# 411

Delta R.T. -0.00 min

Lab File: BG030972.D

Acq: 13 Nov 2017 14:31

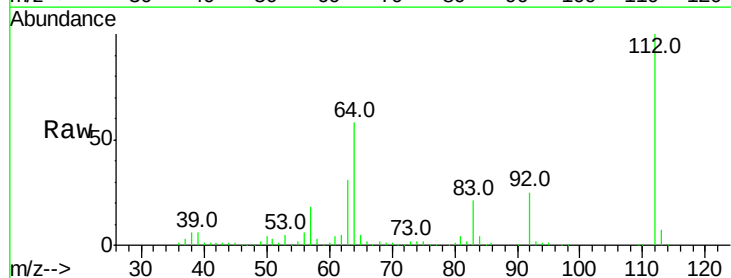
Tgt Ion:112 Resp: 251223

Ion Ratio Lower Upper

112 100

64 57.5 56.3 84.5

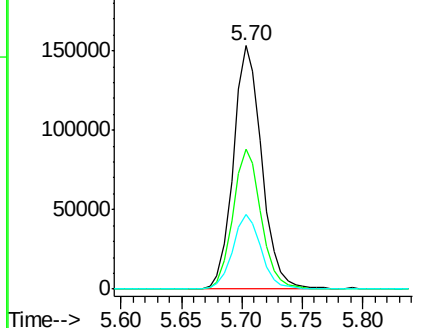
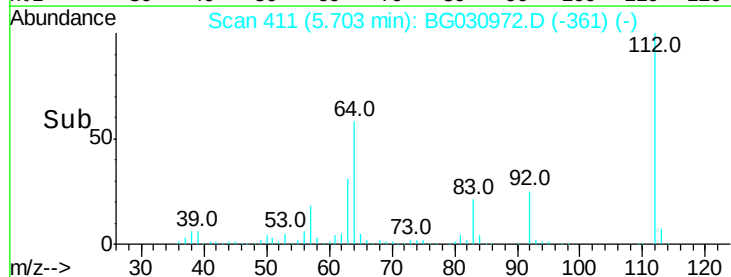
63 30.8 30.1 45.1

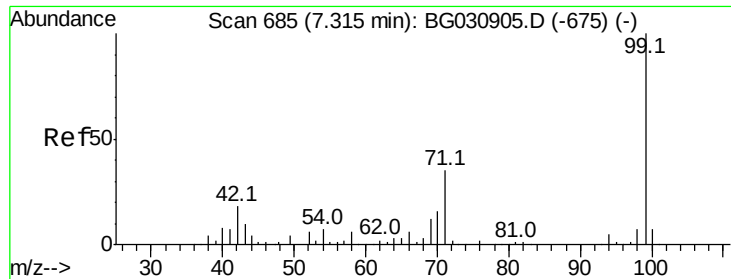


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 89.789 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG030972.D

Acq: 13 Nov 2017 14:31

Instrument :

BNA_G

ClientSampleId :

PB104196TB

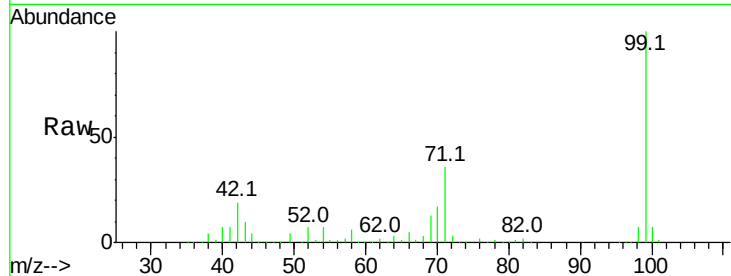
Tot Ion: 99 Resp: 31535

Ion Ratio Lower Upper

99 100

42 18.6 14.1 21.1

71 35.6 26.1 39.1

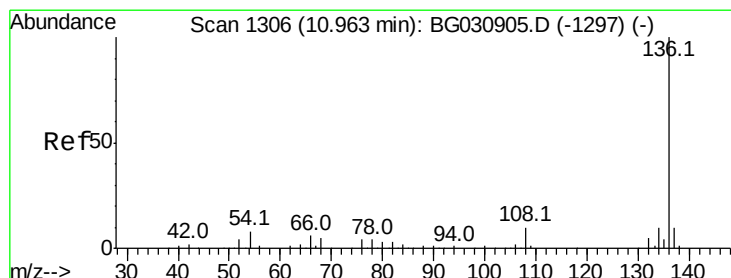
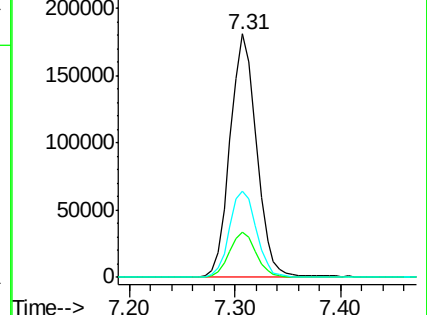
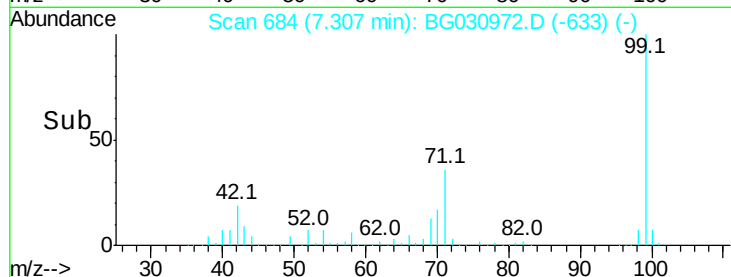


Abundance

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: 10.96 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG030972.D

Acq: 13 Nov 2017 14:31

Tgt Ion: 136 Resp: 177941

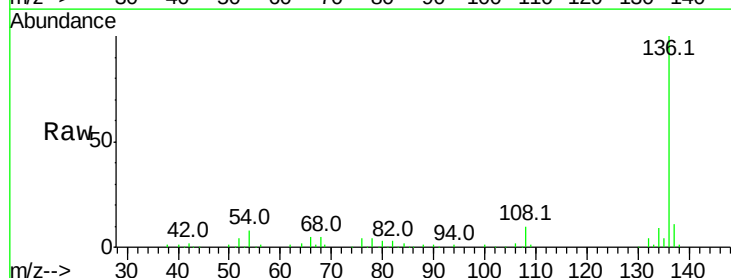
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 7.7 10.3 15.5#

68 5.2 4.5 6.7



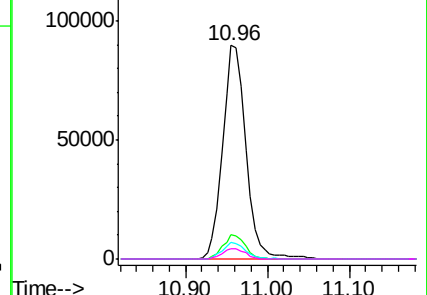
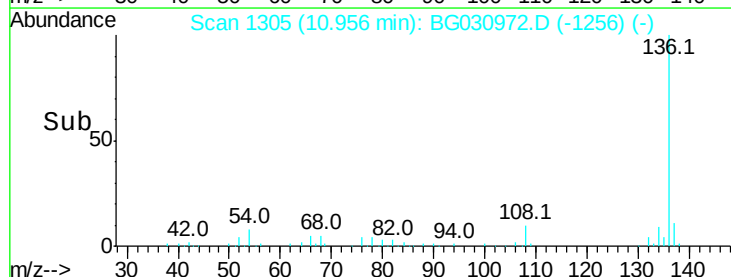
Abundance

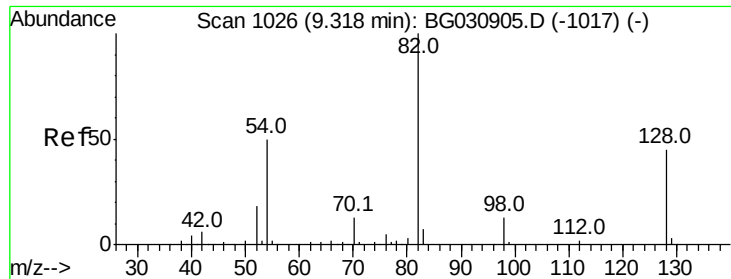
Ion 136.00 (135.70 to 136.70): BGC

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

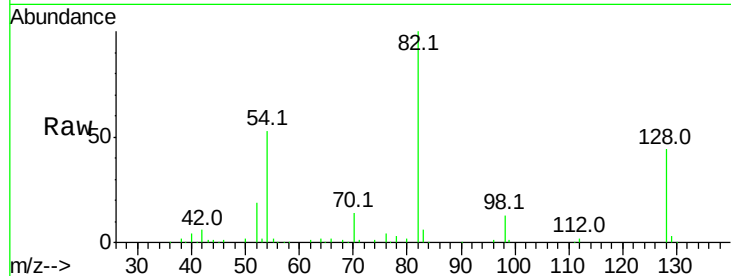




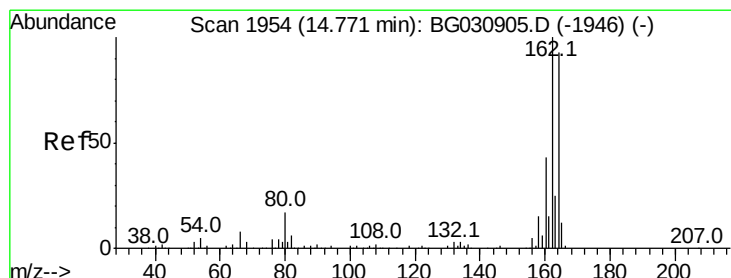
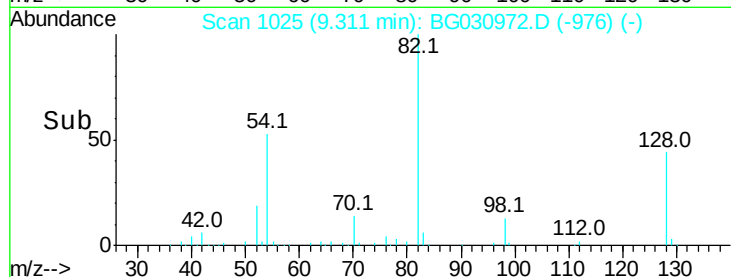
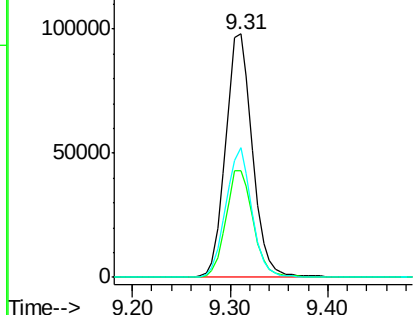
#23
Nitrobenzene-d5
Concen: 62.258 ng
RT: 9.31 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG030972.D
Acq: 13 Nov 2017 14:31

Instrument :
BNA_G
ClientSampleId :
PB104196TB

Tot Ion	82	Resp	186956
Ion	Ratio	Lower	Upper
82	100		
128	44.0	29.7	44.5
54	53.2	43.1	64.7

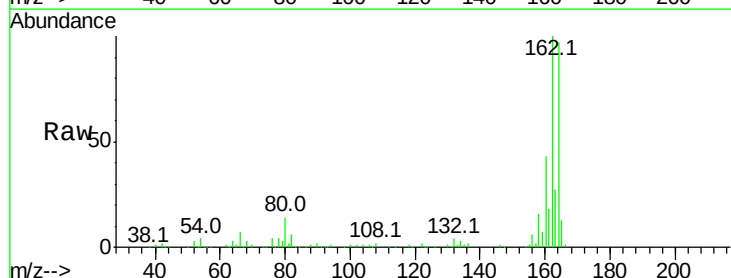


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

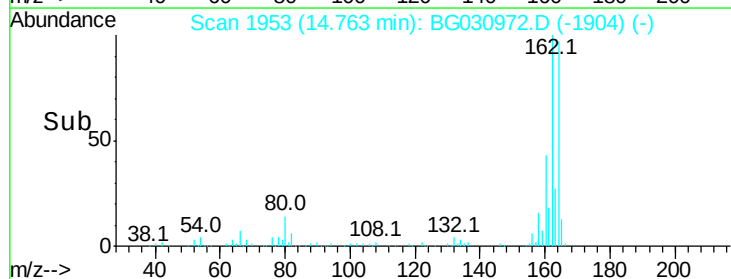
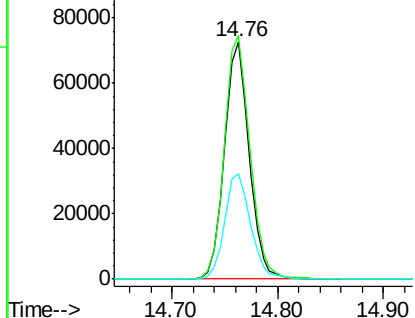


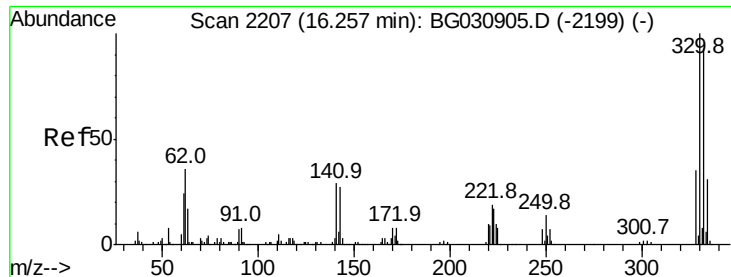
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG030972.D
Acq: 13 Nov 2017 14:31

Tgt Ion	164	Resp	117448
Ion	Ratio	Lower	Upper
164	100		
162	102.6	78.8	118.2
160	44.6	35.4	53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

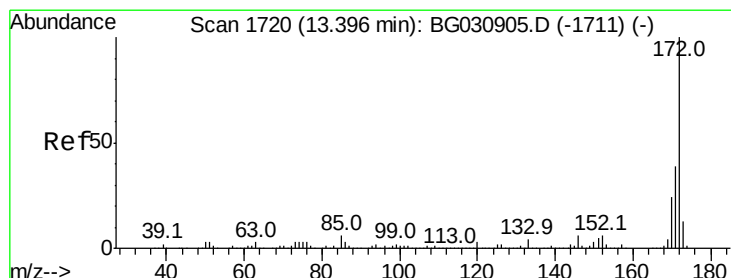
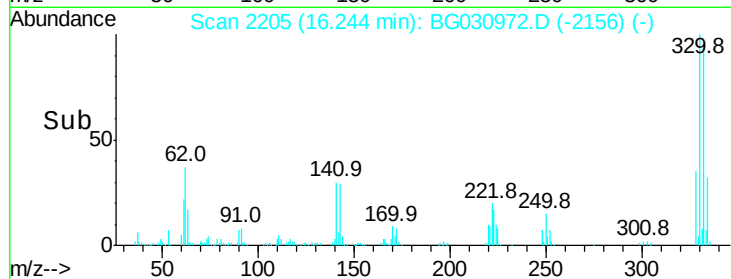
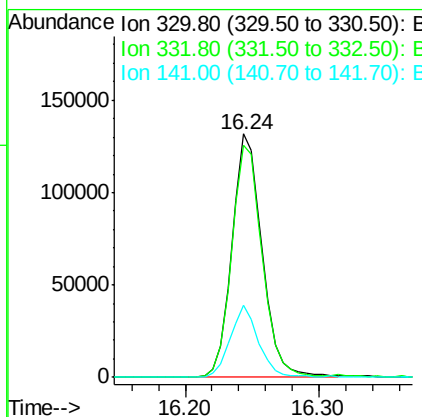
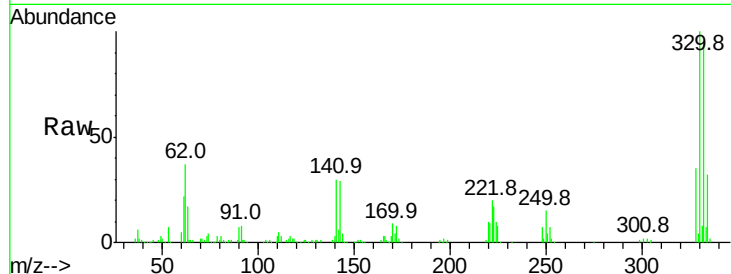




#41
 2,4,6-Tribromophenol
 Concen: 108.942 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG030972.D
 Acq: 13 Nov 2017 14:31

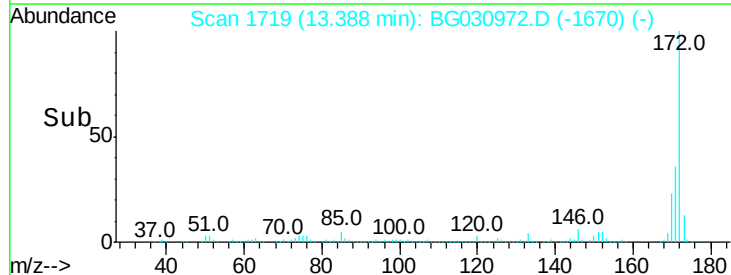
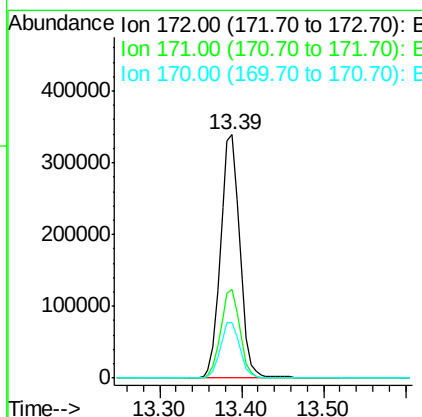
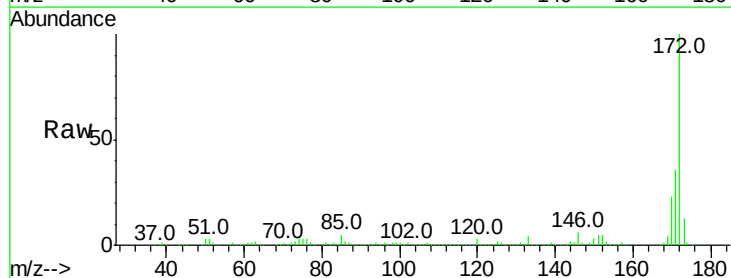
Instrument :
 BNA_G
 ClientSampleId :
 PB104196TB

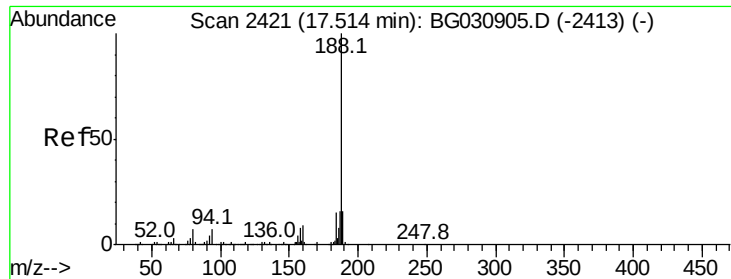
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	27.7	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 68.211 ng
 RT: 13.39 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG030972.D
 Acq: 13 Nov 2017 14:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.0	45.0
170	22.9	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG030972.D

Acq: 13 Nov 2017 14:31

Instrument :

BNA_G

ClientSampleId :

PB104196TB

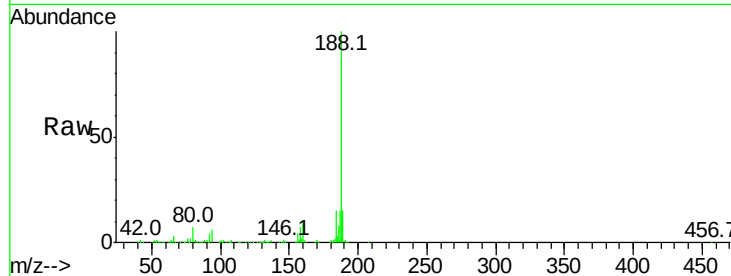
Tot Ion:188 Resp: 335762

Ion Ratio Lower Upper

188 100

94 6.4 6.9 10.3#

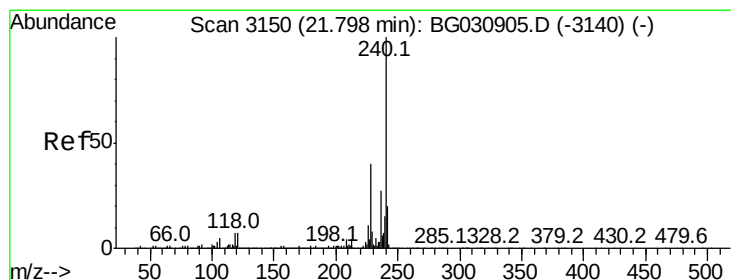
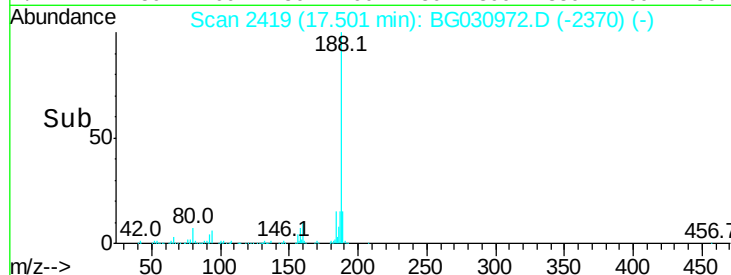
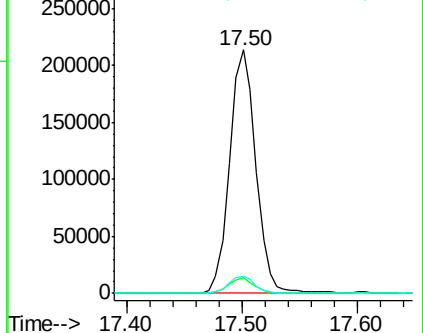
80 6.8 7.7 11.5#



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: 20.000 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG030972.D

Acq: 13 Nov 2017 14:31

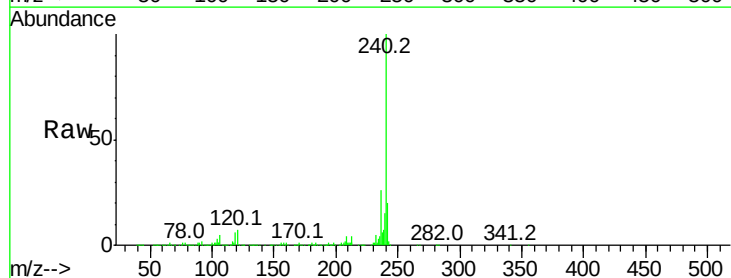
Tgt Ion:240 Resp: 440098

Ion Ratio Lower Upper

240 100

120 6.6 6.8 10.2#

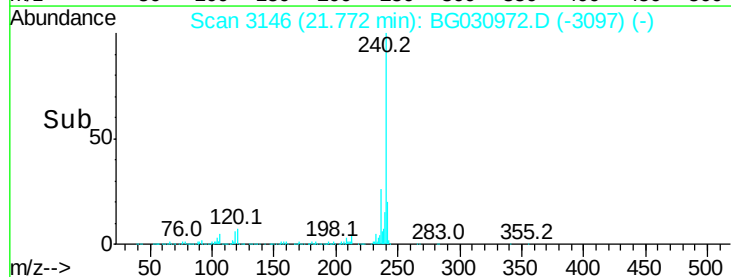
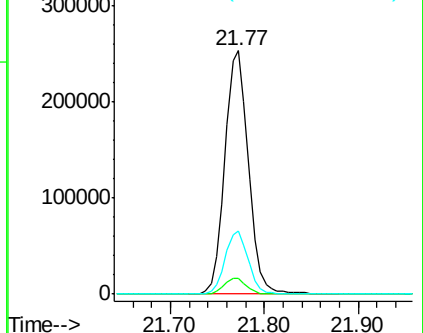
236 26.2 20.9 31.3

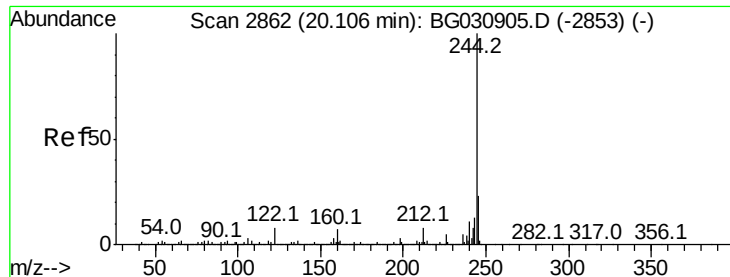


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 61.689 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG030972.D

Acq: 13 Nov 2017 14:31

Instrument :

BNA_G

ClientSampleId :

PB104196TB

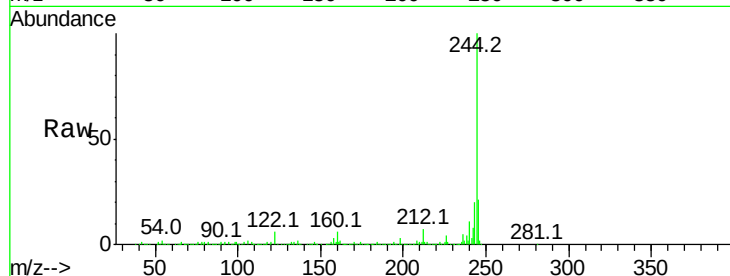
Tot Ion:244 Resp: 1229527

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

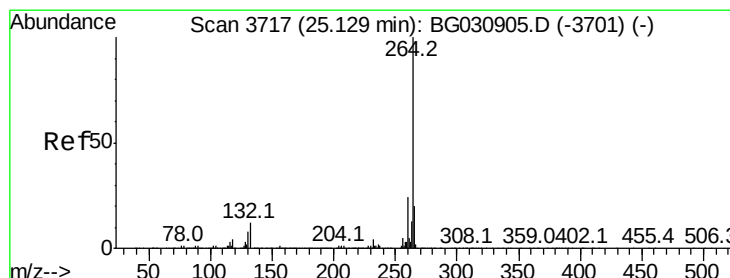
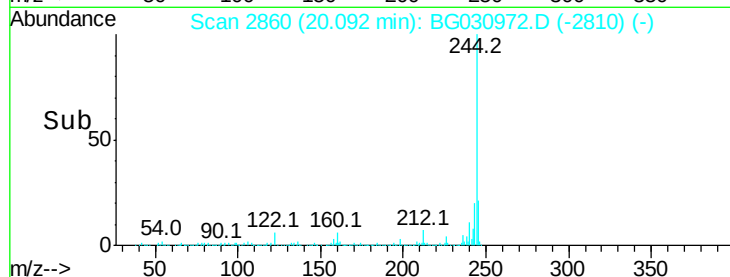
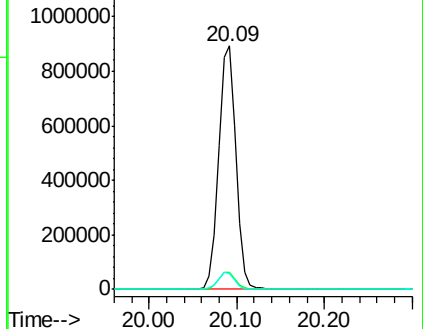
122 6.4 7.0 10.4#



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# 3707

Delta R.T. -0.02 min

Lab File: BG030972.D

Acq: 13 Nov 2017 14:31

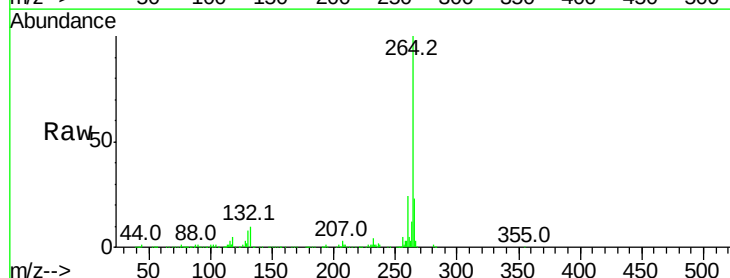
Tgt Ion:264 Resp: 435281

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

265 22.6 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

