

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092517\
 Data File : BG028923.D
 Acq On : 26 Sep 2017 1:13
 Operator : SJ/JU
 Sample : PB102568TB
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB102568TB

Quant Time: Sep 26 02:57:47 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	22921	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	91168	20.00	ng	-0.05
38) Acenaphthene-d10	14.90	164	65849	20.00	ng	-0.05
63) Phenanthrene-d10	17.65	188	201001	20.00	ng	-0.05
75) Chrysene-d12	21.97	240	257182	20.00	ng	-0.06
86) Perylene-d12	25.42	264	261892	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	210213	151.33	ng	-0.06
7) Phenol-d6	7.44	99	274858	131.42	ng	-0.05
23) Nitrobenzene-d5	9.45	82	174387	91.50	ng	-0.05
41) 2,4,6-Tribromophenol	16.39	330	162214	148.94	ng	-0.05
44) 2-Fluorobiphenyl	13.52	172	453363	91.80	ng	-0.05
78) Terphenyl-d14	20.23	244	1133718	94.01	ng	-0.05

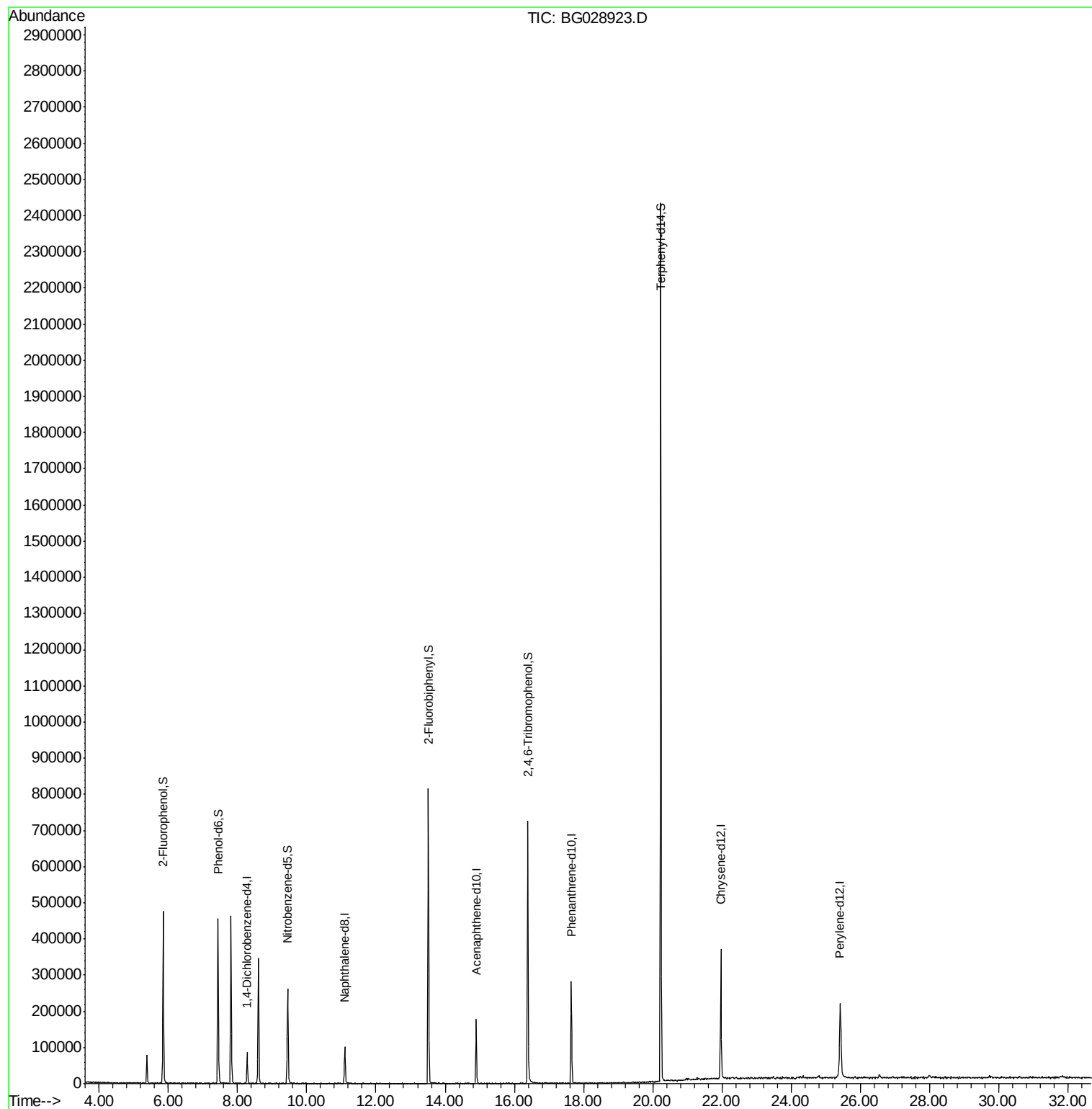
Target Compounds Qvalue

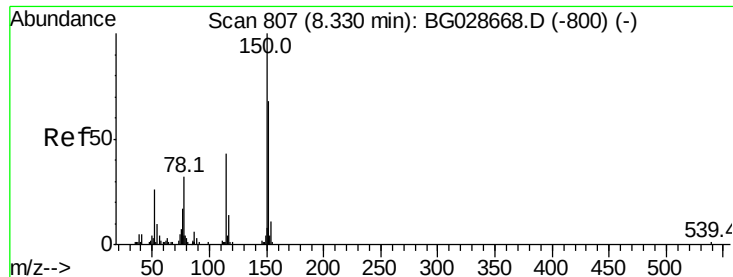
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.28 min Scan# 798

Delta R.T. -0.05 min

Lab File: BG028923.D

Acq: 26 Sep 2017 1:13

Instrument :

BNA_G

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PB102568TB

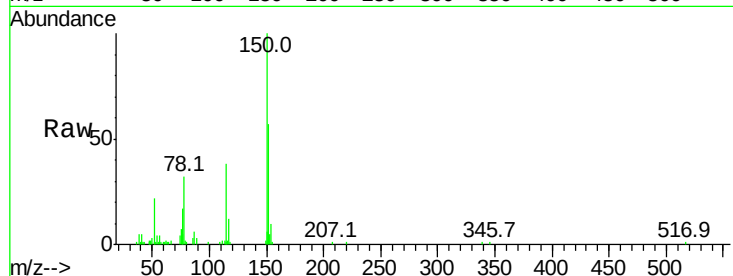
Tot Ion:152 Resp: 22921

Ion Ratio Lower Upper

152 100

150 175.7 114.0 171.0#

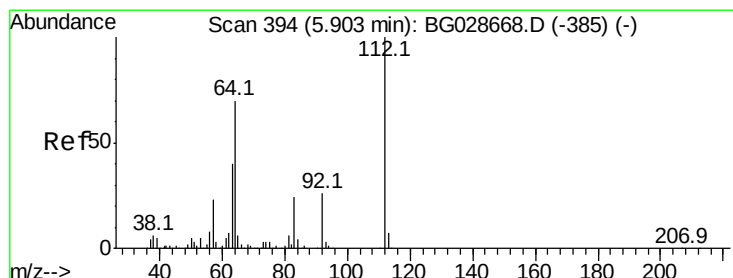
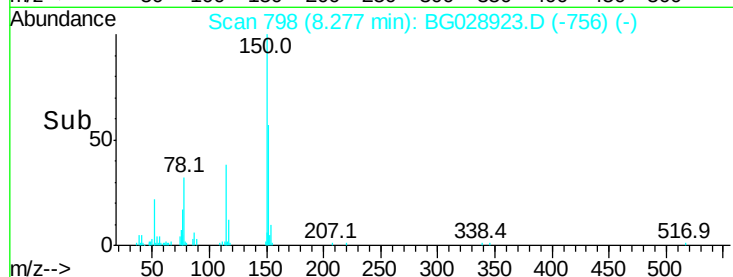
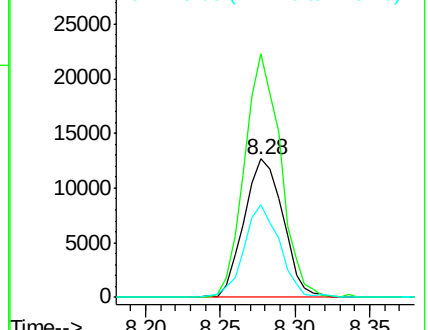
115 66.8 48.1 72.1



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: 151.329 ng

RT: 5.84 min Scan# 384

Delta R.T. -0.06 min

Lab File: BG028923.D

Acq: 26 Sep 2017 1:13

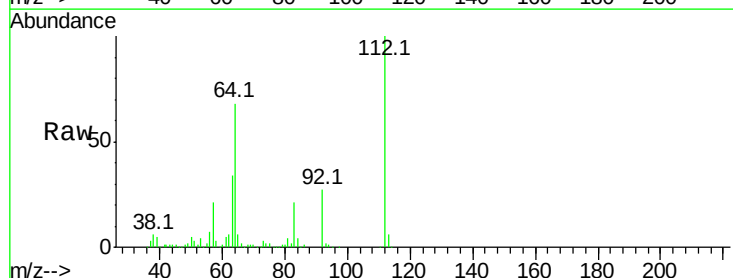
Tgt Ion:112 Resp: 210213

Ion Ratio Lower Upper

112 100

64 67.6 61.8 92.6

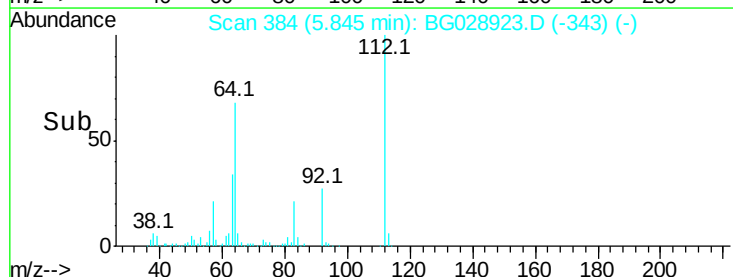
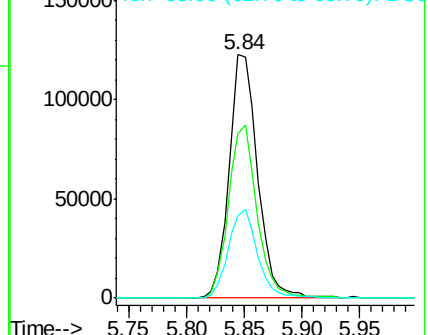
63 33.9 37.2 55.8#

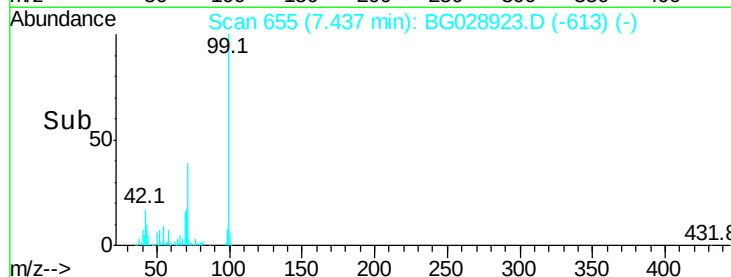
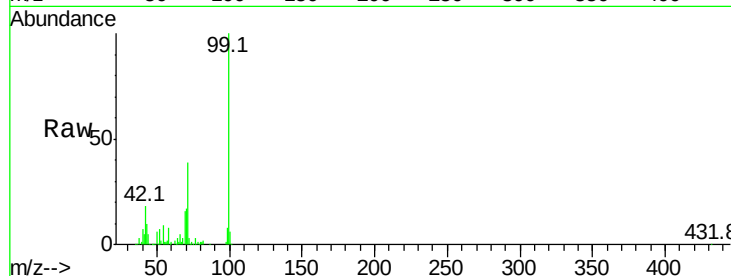
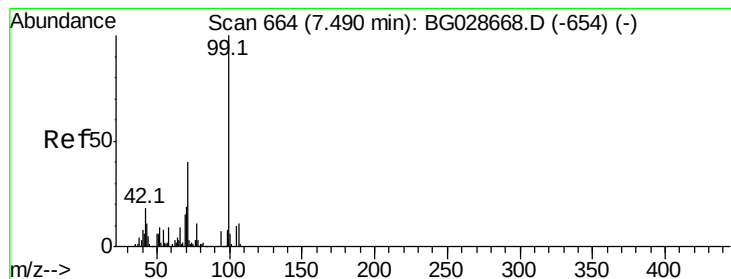


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 131.418 ng

RT: 7.44 min Scan# 655

Delta R.T. -0.05 min

Lab File: BG028923.D

Acq: 26 Sep 2017 1:13

Instrument :

BNA_G

ClientSampleId :

PB102568TB

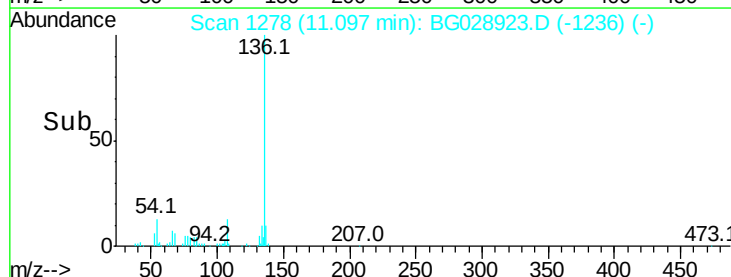
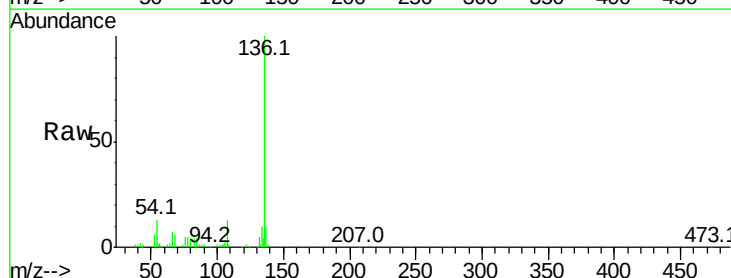
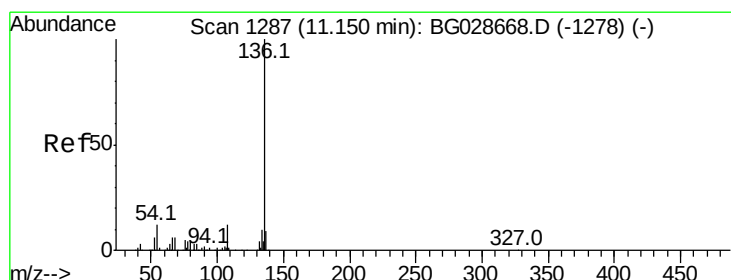
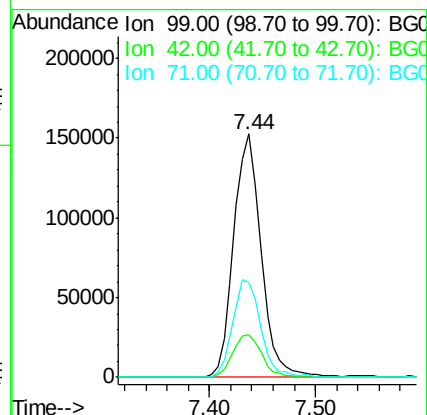
Tot Ion: 99 Resp: 274858

Ion Ratio Lower Upper

99 100

42 17.5 20.5 30.7#

71 38.9 37.6 56.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.10 min Scan# 1278

Delta R.T. -0.05 min

Lab File: BG028923.D

Acq: 26 Sep 2017 1:13

Tgt Ion: 136 Resp: 91168

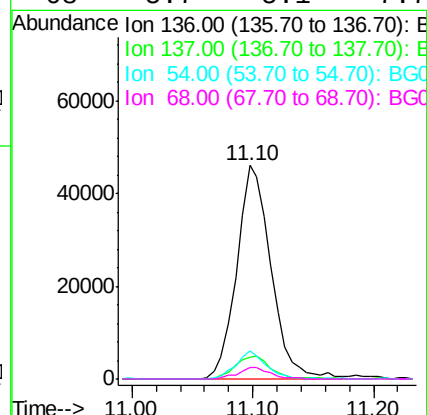
Ion Ratio Lower Upper

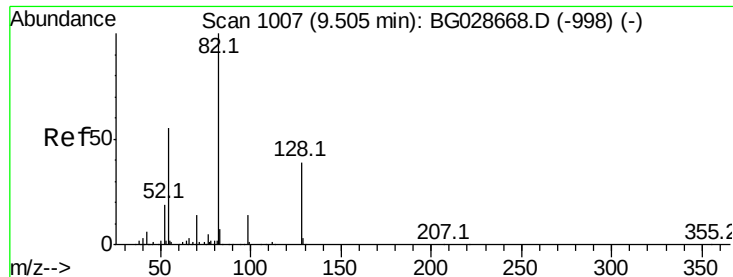
136 100

137 10.2 8.9 13.3

54 13.4 9.3 13.9

68 5.7 5.1 7.7

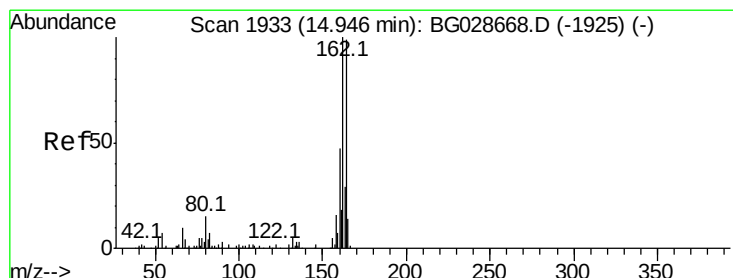
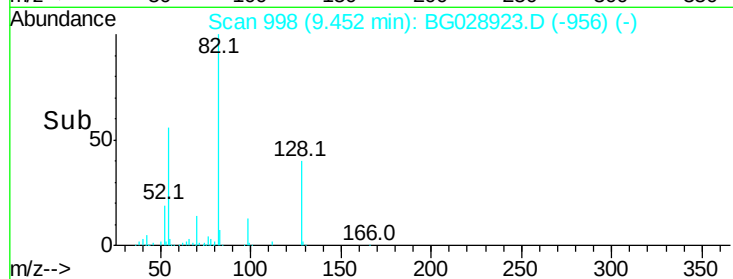
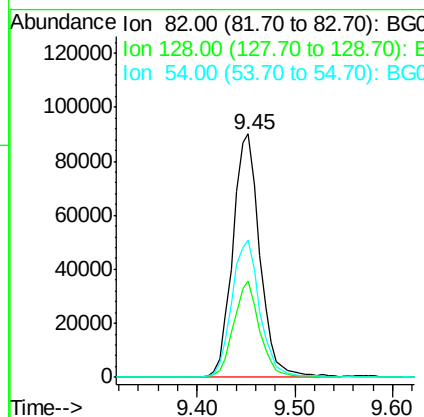
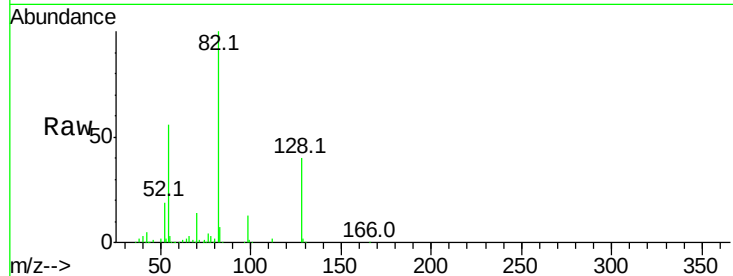




#23
 Nitrobenzene-d5
 Concen: 91.504 ng
 RT: 9.45 min Scan# 998
 Delta R.T. -0.05 min
 Lab File: BG028923.D
 Acq: 26 Sep 2017 1:13

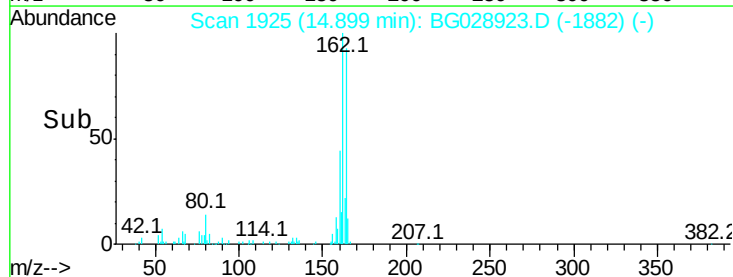
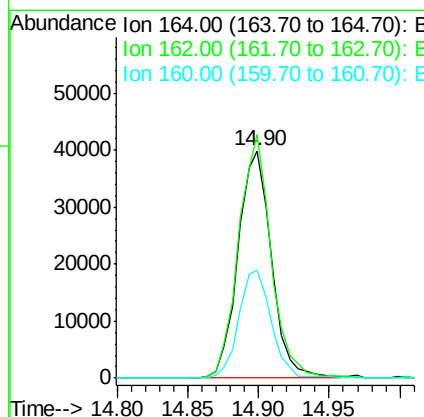
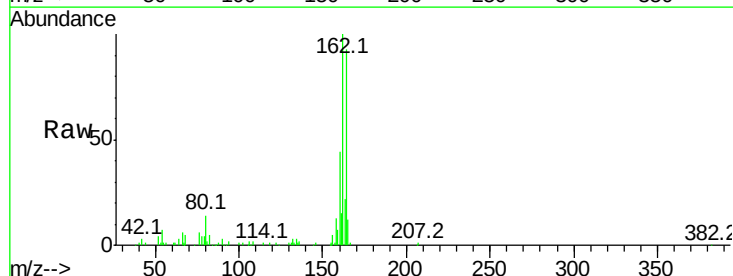
Instrument :
 BNA_G
 ClientSampleID :
 PB102568TB

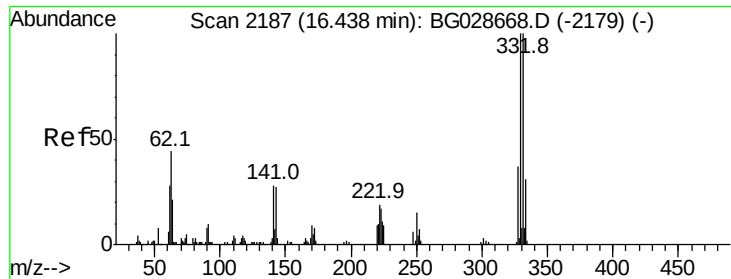
Tot Ion	82	Resp	174387
Ion Ratio	Lower	Upper	
82	100		
128	39.7	26.4	39.6#
54	56.3	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.90 min Scan# 1925
 Delta R.T. -0.05 min
 Lab File: BG028923.D
 Acq: 26 Sep 2017 1:13

Tgt Ion	164	Resp	65849
Ion Ratio	Lower	Upper	
164	100		
162	107.2	85.1	127.7
160	47.6	34.7	52.1

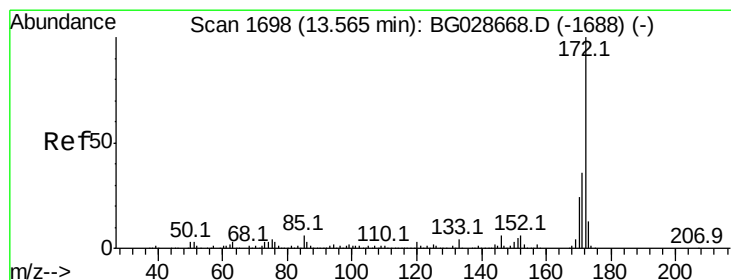
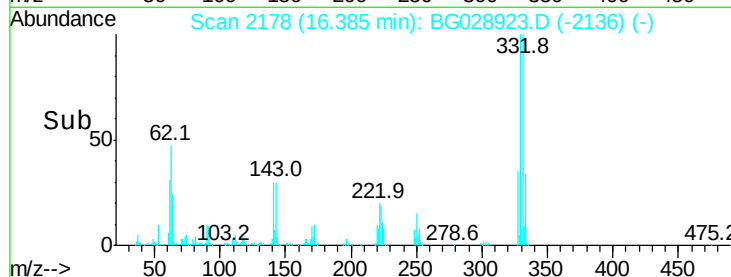
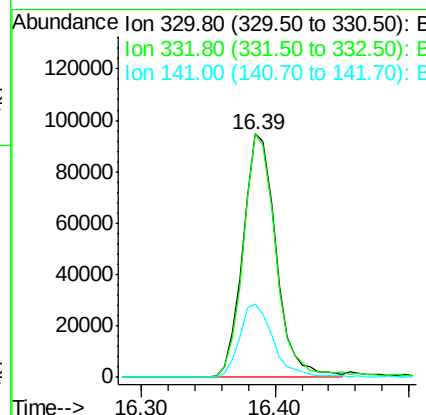
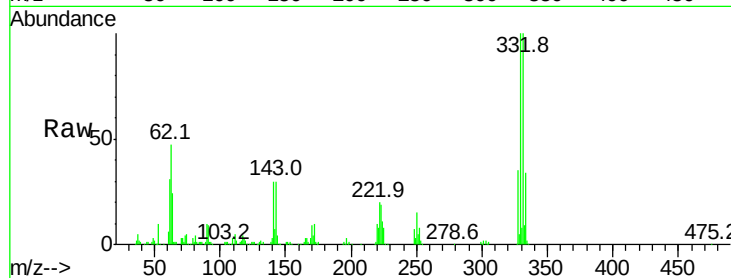




#41
 2,4,6-Tribromophenol
 Concen: 148.943 ng
 RT: 16.39 min Scan# 2178
 Delta R.T. -0.05 min
 Lab File: BG028923.D
 Acq: 26 Sep 2017 1:13

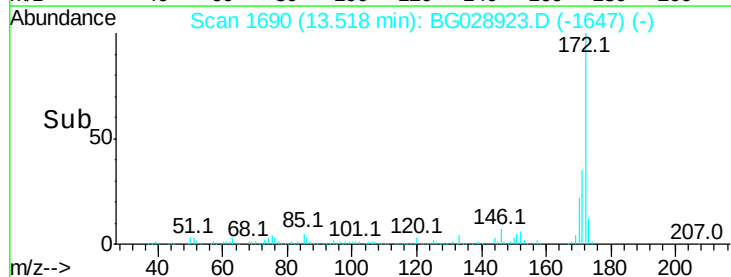
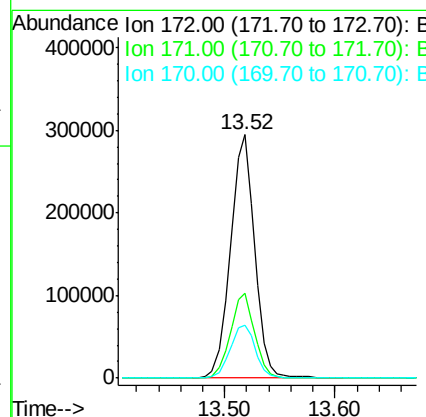
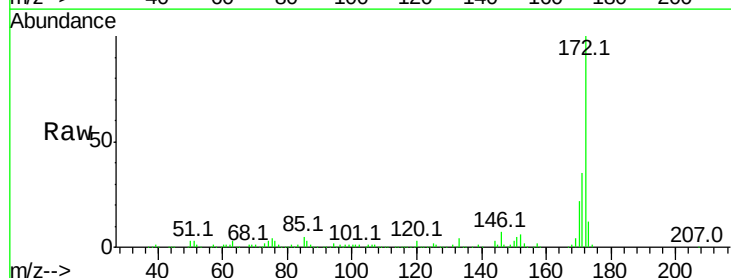
Instrument :
 BNA_G
 ClientSampleId :
 PB102568TB

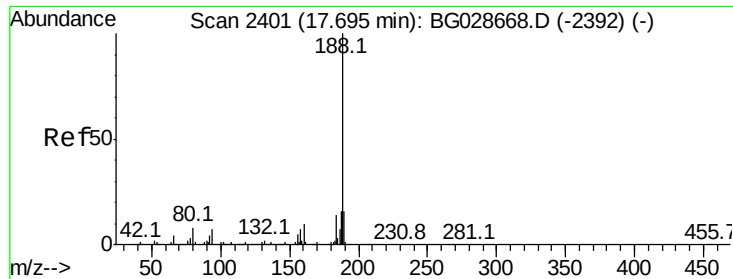
Tot Ion:330 Resp: 162214
 Ion Ratio Lower Upper
 330 100
 332 100.1 77.3 115.9
 141 31.1 32.1 48.1#



#44
 2-Fluorobiphenyl
 Concen: 91.805 ng
 RT: 13.52 min Scan# 1690
 Delta R.T. -0.05 min
 Lab File: BG028923.D
 Acq: 26 Sep 2017 1:13

Tgt Ion:172 Resp: 453363
 Ion Ratio Lower Upper
 172 100
 171 34.6 32.2 48.2
 170 21.9 21.8 32.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.65 min Scan# 2393

Delta R.T. -0.05 min

Lab File: BG028923.D

Acq: 26 Sep 2017 1:13

Instrument :

BNA_G

ClientSampleId :

PB102568TB

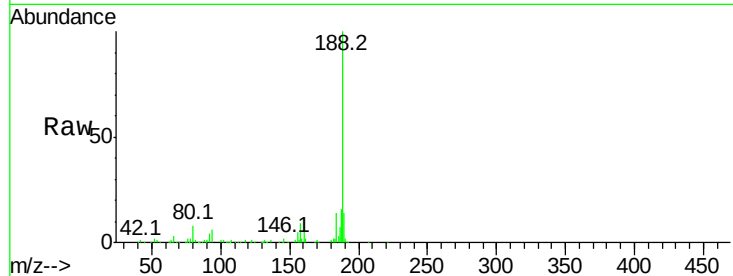
Tot Ion:188 Resp: 201001

Ion Ratio Lower Upper

188 100

94 6.5 5.8 8.8

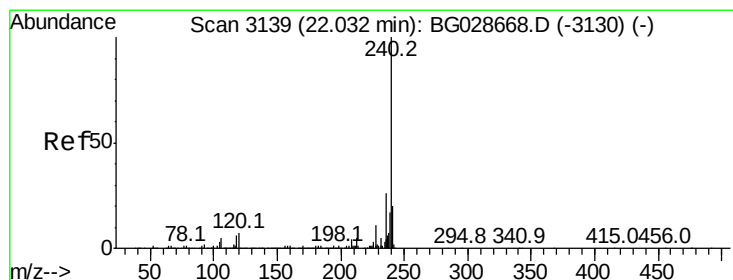
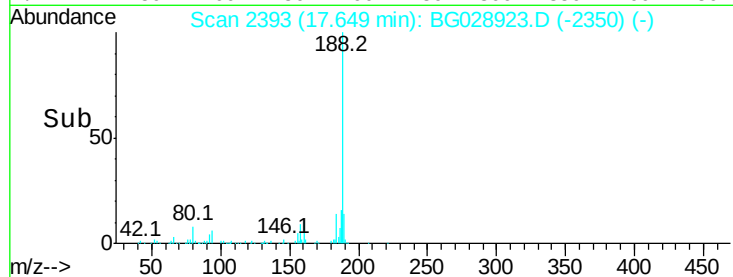
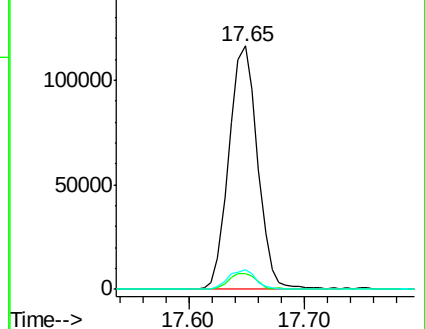
80 8.3 7.5 11.3



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: 21.97 min Scan# 3128

Delta R.T. -0.06 min

Lab File: BG028923.D

Acq: 26 Sep 2017 1:13

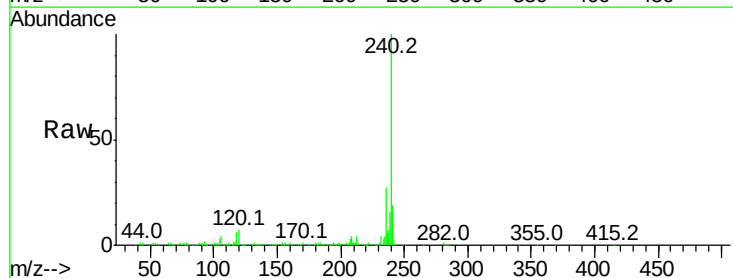
Tgt Ion:240 Resp: 257182

Ion Ratio Lower Upper

240 100

120 7.0 5.7 8.5

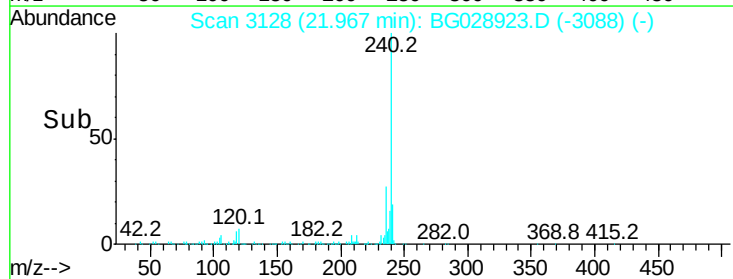
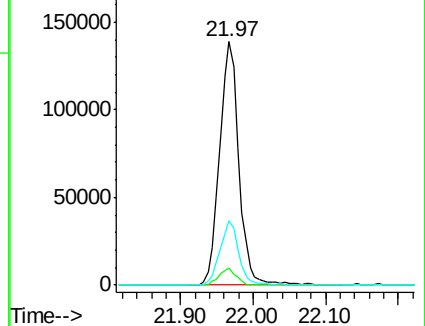
236 26.5 22.2 33.4

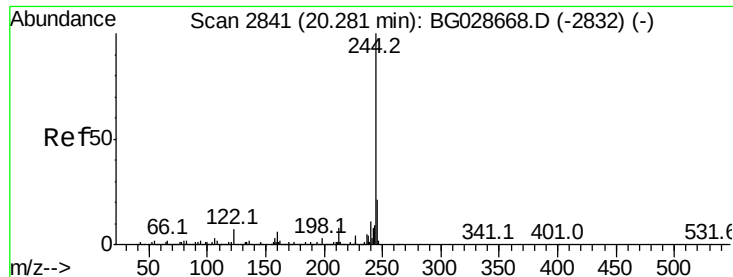


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 94.008 ng

RT: 20.23 min Scan# 2833

Delta R.T. -0.05 min

Lab File: BG028923.D

Acq: 26 Sep 2017 1:13

Instrument :

BNA_G

ClientSampleId :

PB102568TB

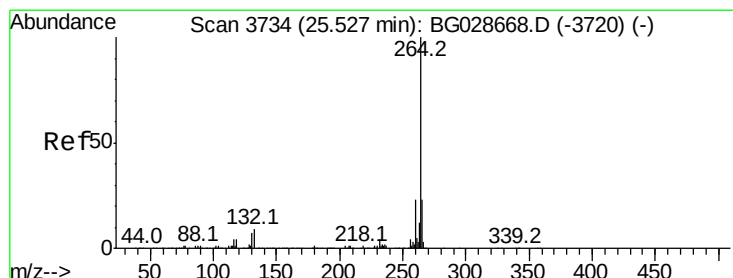
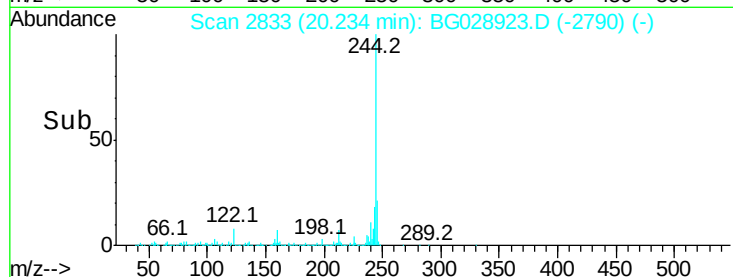
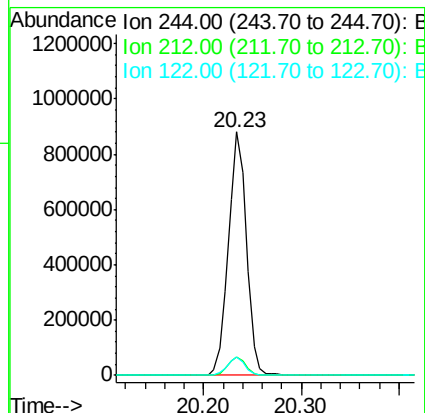
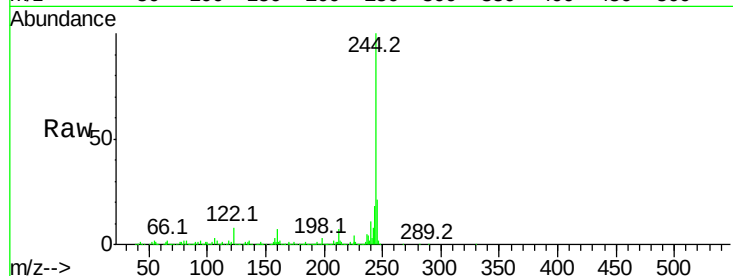
Tot Ion:244 Resp: 1133718

Ion Ratio Lower Upper

244 100

212 7.3 10.0 15.0#

122 7.5 8.6 12.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.42 min Scan# 3715

Delta R.T. -0.11 min

Lab File: BG028923.D

Acq: 26 Sep 2017 1:13

Tgt Ion:264 Resp: 261892

Ion Ratio Lower Upper

264 100

260 24.1 21.8 32.8

265 22.1 18.2 27.4

