

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052715\
 Data File : BG017315.D
 Acq On : 28 May 2015 1:37
 Operator : TP/IZ
 Sample : G2383-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-HF-3

Quant Time: May 28 03:55:43 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 02:22:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	25154	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	106697	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	68679	20.00	ng	0.00
63) Phenanthrene-d10	17.06	188	163389	20.00	ng	0.00
75) Chrysene-d12	21.25	240	185928	20.00	ng	-0.01
86) Perylene-d12	23.49	264	180336	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	118400	83.51	ng	0.00
7) Phenol-d6	6.86	99	105218	52.88	ng	0.00
23) Nitrobenzene-d5	8.82	82	192294	84.14	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	120491	145.13	ng	0.00
44) 2-Fluorobiphenyl	12.94	172	412221	88.07	ng	0.00
78) Terphenyl-d14	19.70	244	789470	88.49	ng	0.00

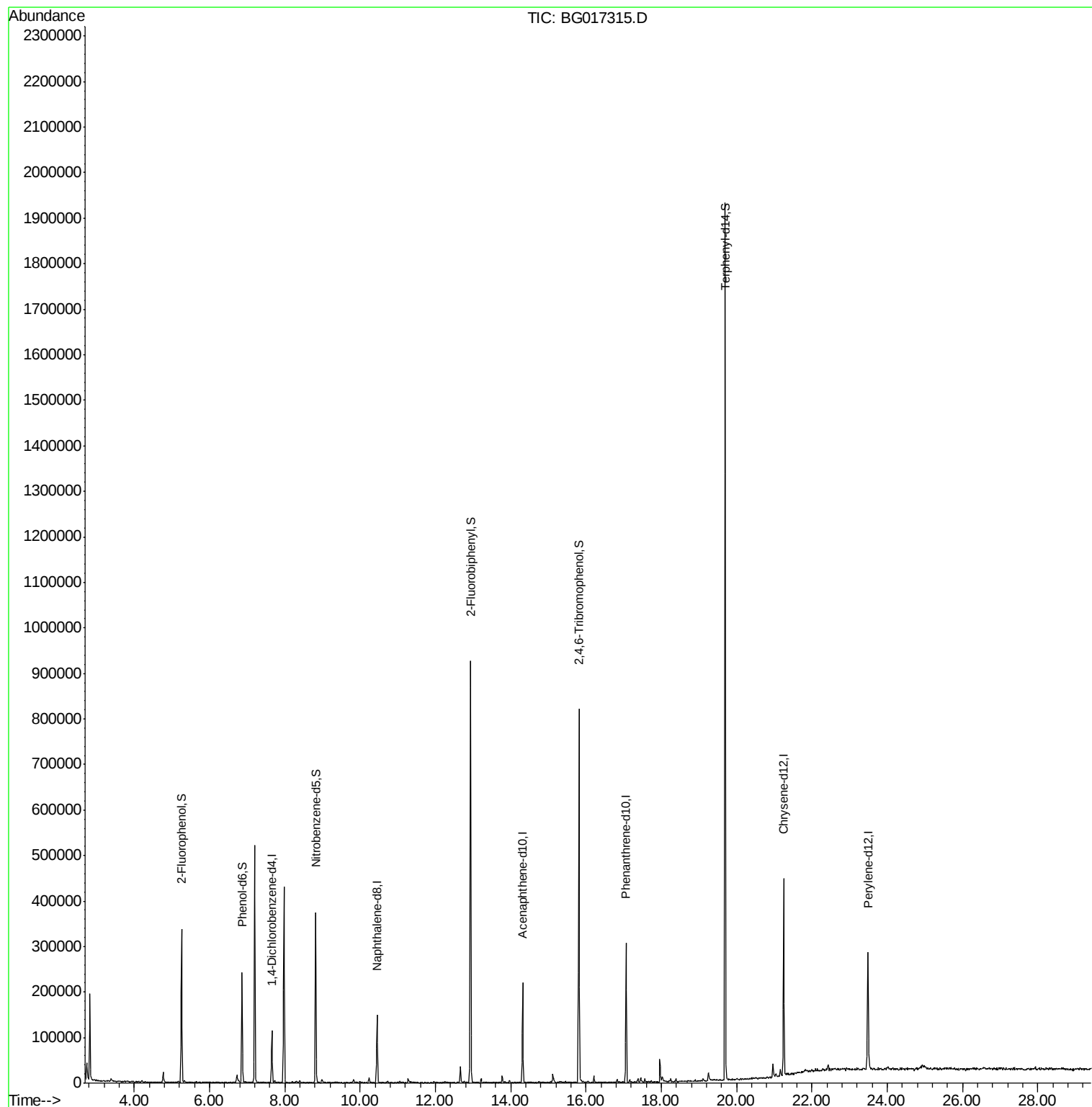
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.65 min Scan# 845

Delta R.T. -0.01 min

Lab File: BG017315.D

Acq: 28 May 2015 1:37

Instrument :

BNA_G

ClientSampleId :

GW-HF-3

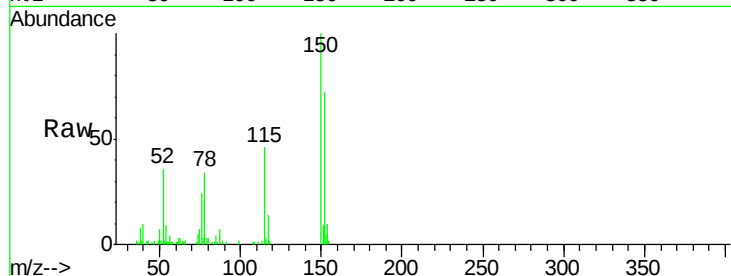
Tot Ion:152 Resp: 25154

Ion Ratio Lower Upper

152 100

150 138.5 120.8 181.2

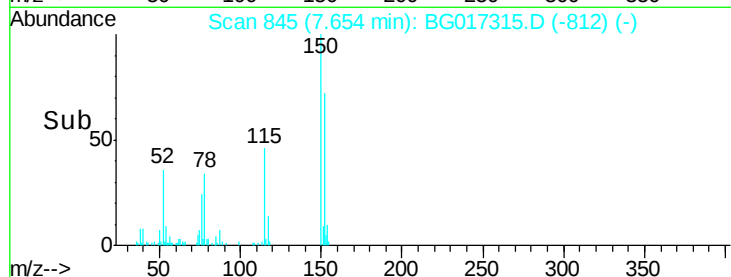
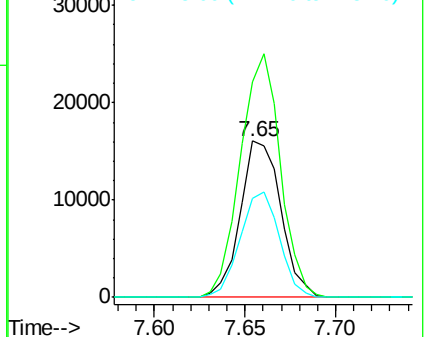
115 63.4 49.4 74.2



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: 83.51 ng

RT: 5.26 min Scan# 437

Delta R.T. 0.00 min

Lab File: BG017315.D

Acq: 28 May 2015 1:37

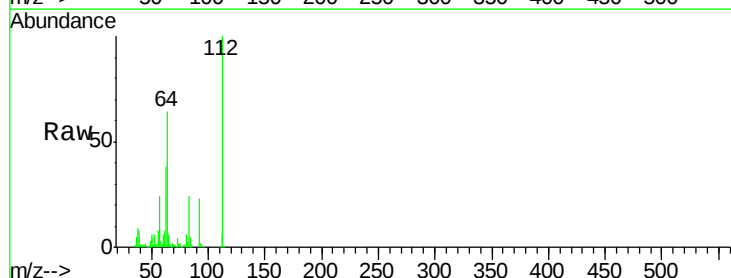
Tgt Ion:112 Resp: 118400

Ion Ratio Lower Upper

112 100

64 63.7 48.1 72.1

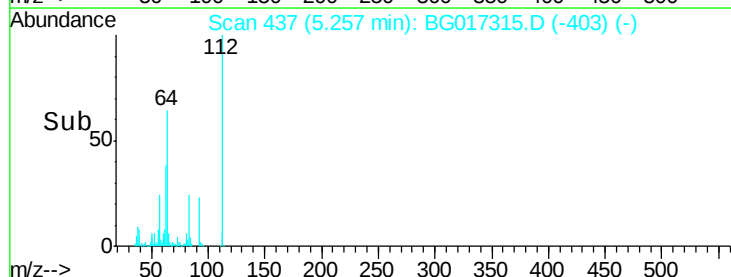
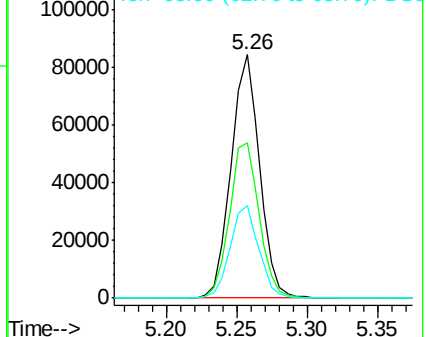
63 38.1 29.8 44.8

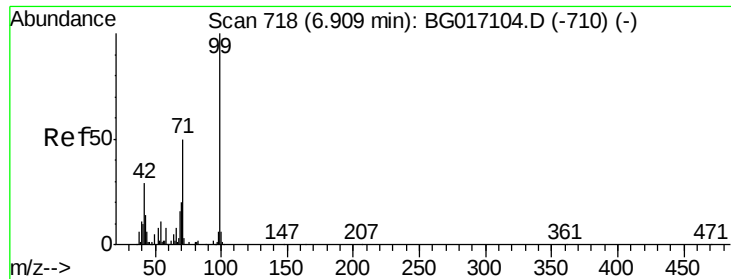


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 52.88 ng

RT: 6.86 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG017315.D

Acq: 28 May 2015 1:37

Instrument :

BNA_G

ClientSampleId :

GW-HF-3

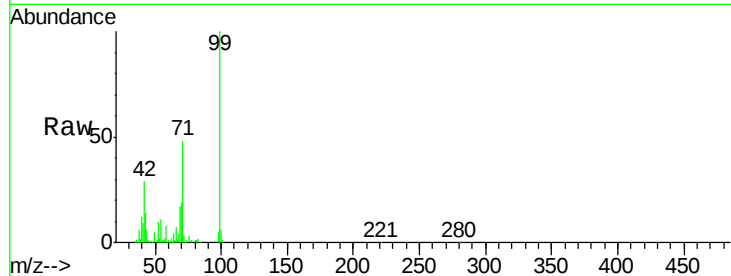
Tot Ion: 99 Resp: 105218

Ion Ratio Lower Upper

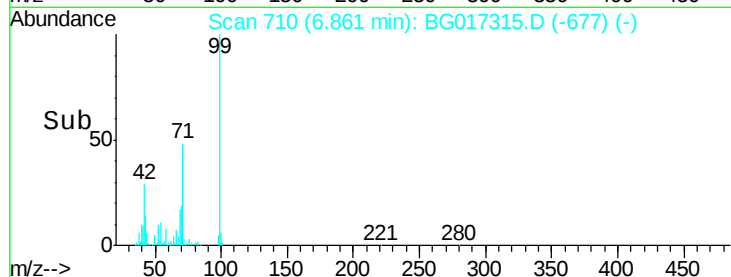
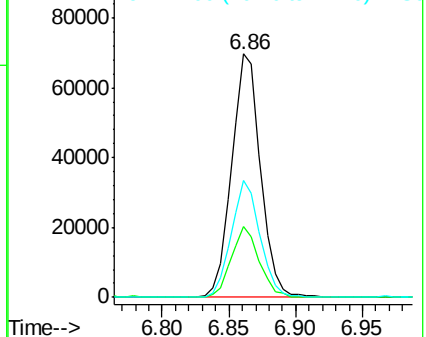
99 100

42 28.9 23.5 35.3

71 47.9 39.8 59.8



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: 10.45 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG017315.D

Acq: 28 May 2015 1:37

Tgt Ion: 136 Resp: 106697

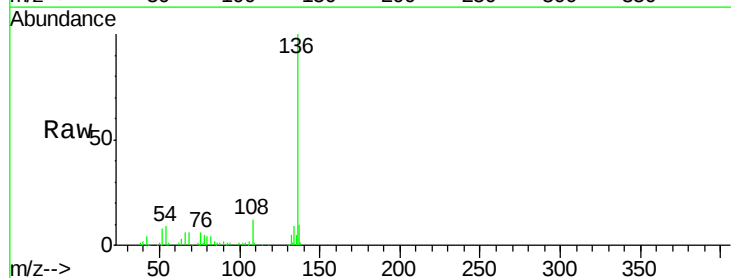
Ion Ratio Lower Upper

136 100

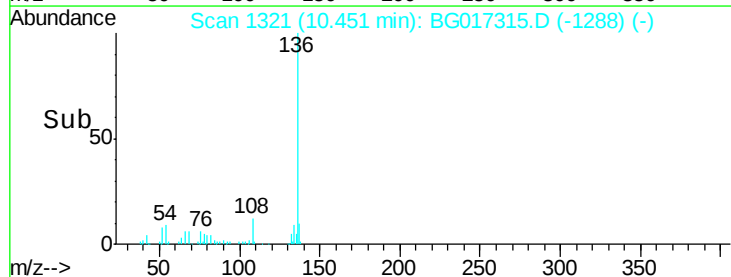
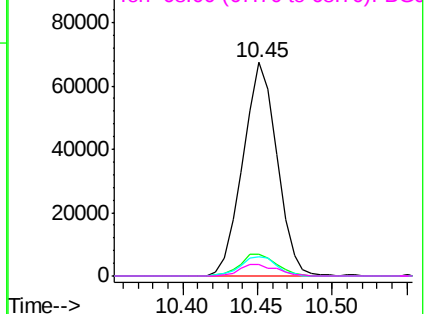
137 10.1 8.3 12.5

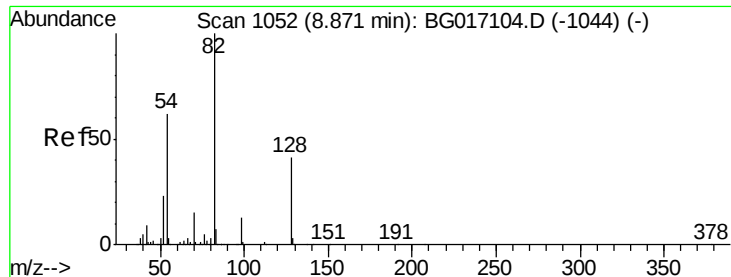
54 9.1 7.4 11.2

68 5.6 3.6 5.4#



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

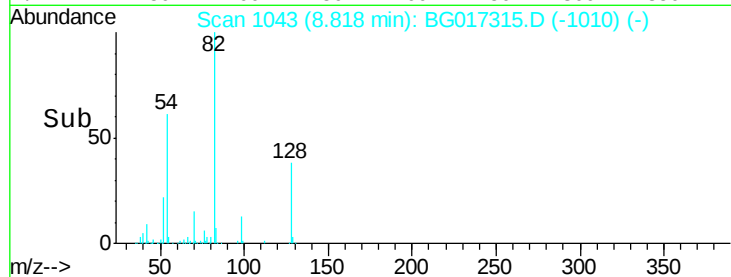
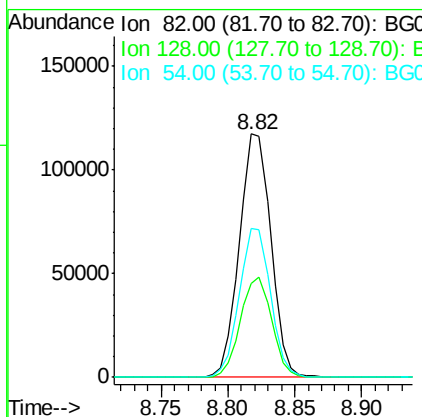
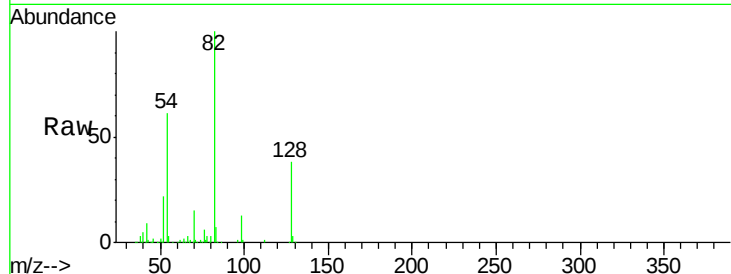




#23
 Nitrobenzene-d5
 Concen: 84.14 ng
 RT: 8.82 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BG017315.D
 Acq: 28 May 2015 1:37

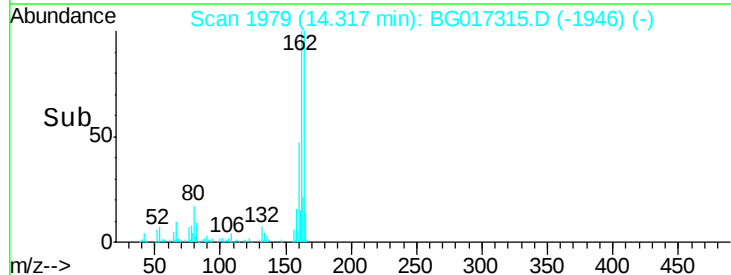
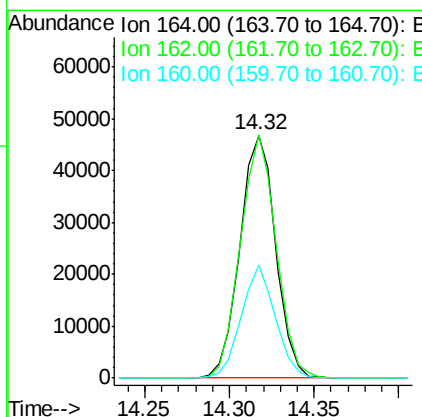
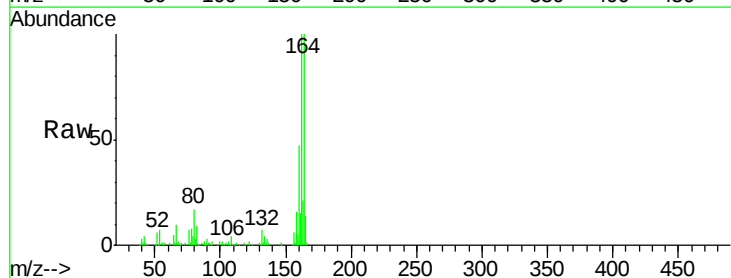
Instrument :
 BNA_G
 ClientSampleId :
 GW-HF-3

Tot Ion	82	Resp	192294
Ion Ratio	Lower	Upper	
82	100		
128	38.4	32.6	49.0
54	61.1	49.6	74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.32 min Scan# 1979
 Delta R.T. -0.01 min
 Lab File: BG017315.D
 Acq: 28 May 2015 1:37

Tgt Ion	164	Resp	68679
Ion Ratio	Lower	Upper	
164	100		
162	100.4	82.1	123.1
160	46.8	34.8	52.2

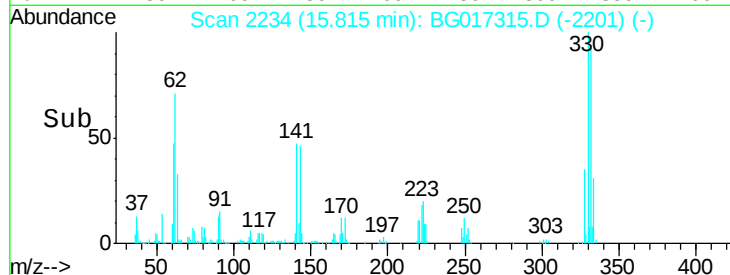
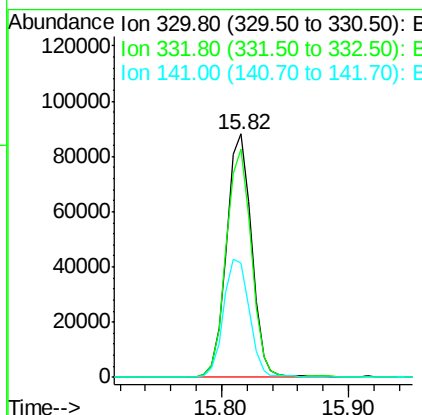
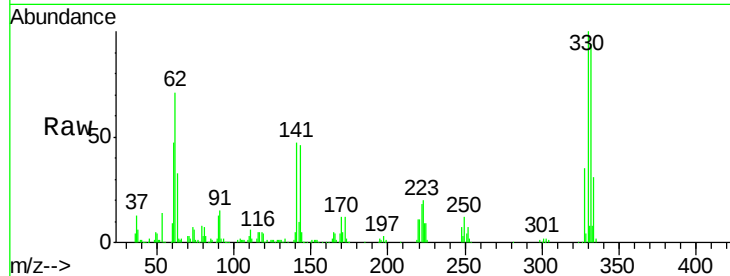




#41
 2,4,6-Tribromophenol
 Concen: 145.13 ng
 RT: 15.82 min Scan# 2234
 Delta R.T. -0.01 min
 Lab File: BG017315.D
 Acq: 28 May 2015 1:37

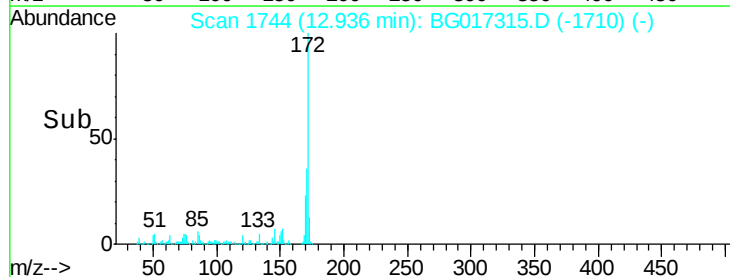
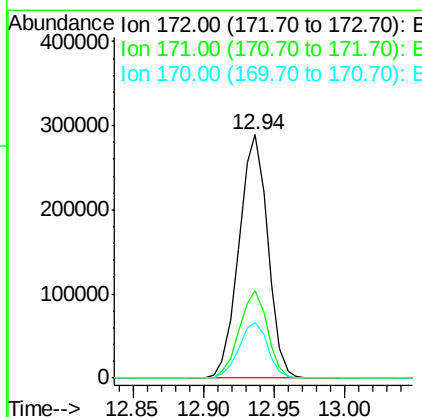
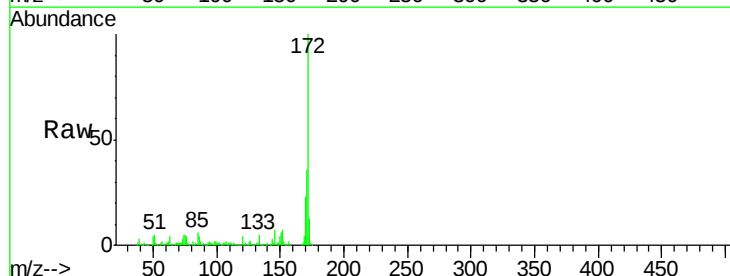
Instrument :
 BNA_G
 ClientSampleId :
 GW-HF-3

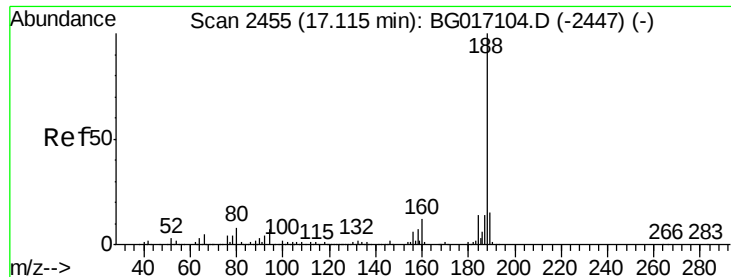
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	76.9	115.3
141	50.6	42.2	63.2



#44
 2-Fluorobiphenyl
 Concen: 88.07 ng
 RT: 12.94 min Scan# 1744
 Delta R.T. 0.00 min
 Lab File: BG017315.D
 Acq: 28 May 2015 1:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	22.6	18.4	27.6

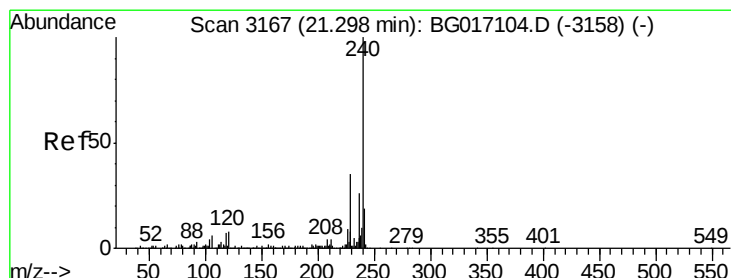
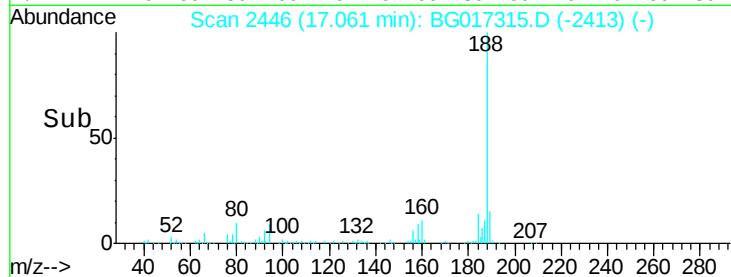
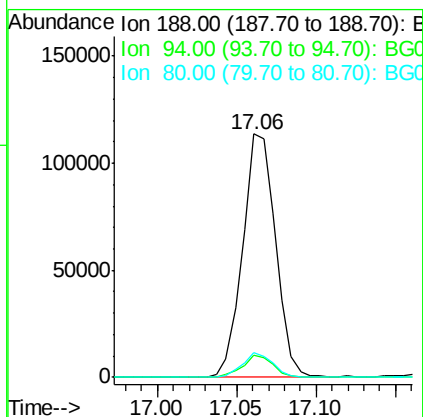
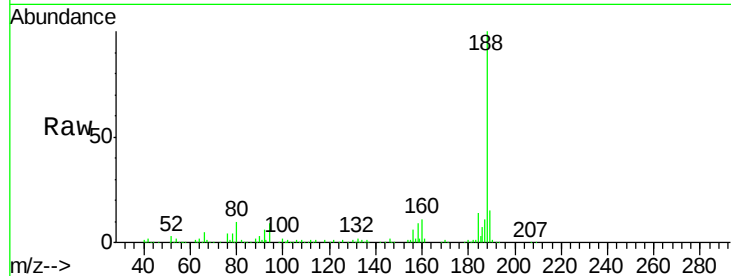




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.06 min Scan# 2446
Delta R.T. -0.01 min
Lab File: BG017315.D
Acq: 28 May 2015 1:37

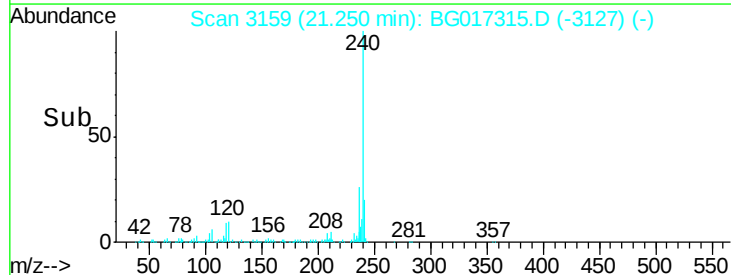
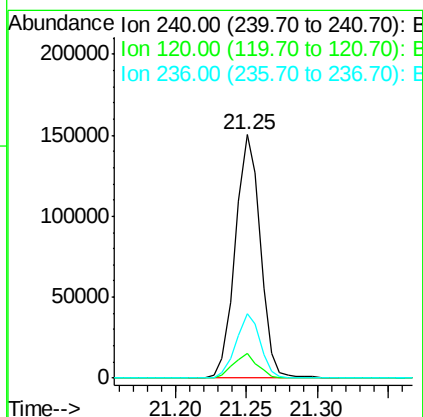
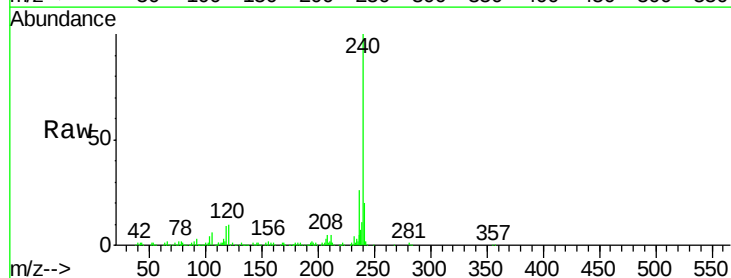
Instrument :
BNA_G
ClientSampleId :
GW-HF-3

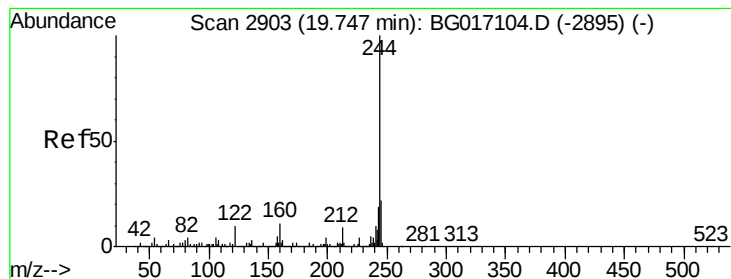
Tot Ion:188 Resp: 163389
Ion Ratio Lower Upper
188 100
94 9.0 5.8 8.6#
80 10.0 6.5 9.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.25 min Scan# 3159
Delta R.T. -0.01 min
Lab File: BG017315.D
Acq: 28 May 2015 1:37

Tgt Ion:240 Resp: 185928
Ion Ratio Lower Upper
240 100
120 10.0 6.0 9.0#
236 26.2 20.5 30.7





#78

Terphenyl-d14

Concen: 88.49 ng

RT: 19.70 min Scan# 2895

Delta R.T. -0.01 min

Lab File: BG017315.D

Acq: 28 May 2015 1:37

Instrument :

BNA_G

ClientSampleId :

GW-HF-3

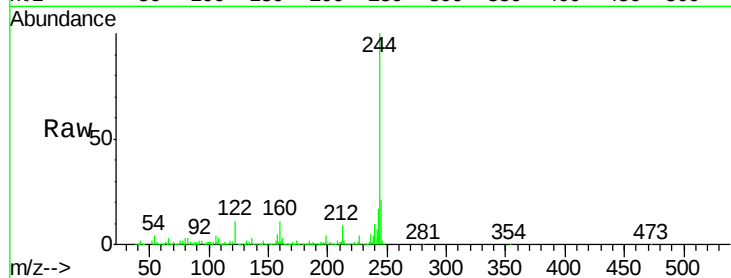
Tot Ion:244 Resp: 789470

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.4

122 10.6 8.4 12.6

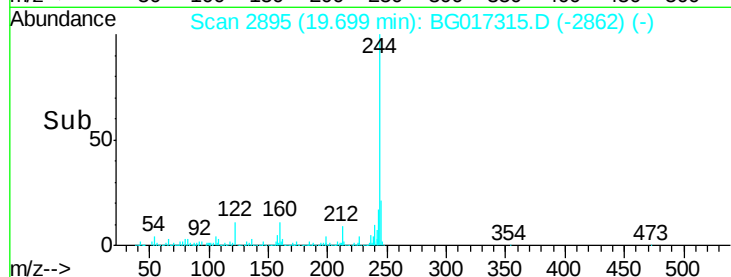


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time--> 19.60 19.70 19.80



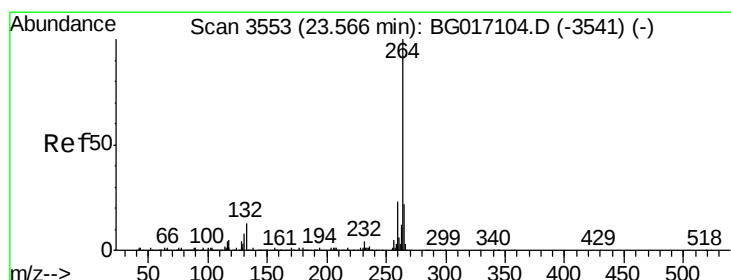
Abundance

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

Time--> 19.60 19.70 19.80



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.49 min Scan# 3541

Delta R.T. -0.02 min

Lab File: BG017315.D

Acq: 28 May 2015 1:37

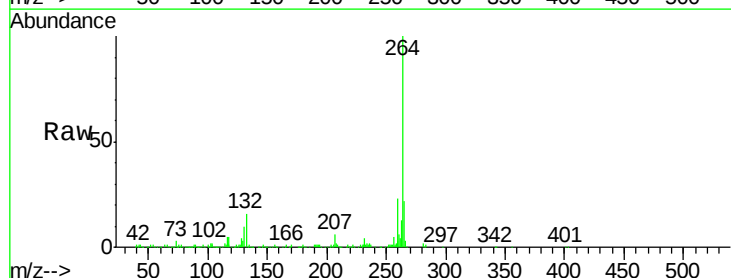
Tgt Ion:264 Resp: 180336

Ion Ratio Lower Upper

264 100

260 22.5 18.0 27.0

265 22.1 17.4 26.0

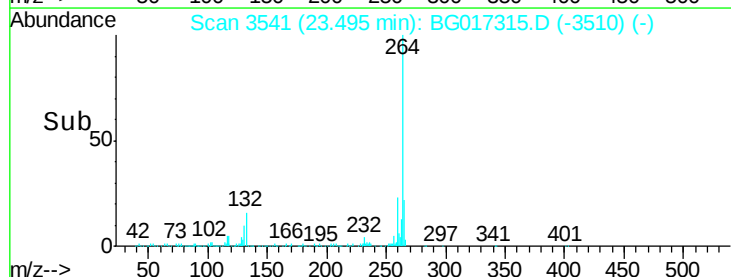


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time--> 23.40 23.50 23.60



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

Time--> 23.40 23.50 23.60