

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
 Data File : BG017255.D
 Acq On : 22 May 2015 20:41
 Operator : TP/IZ
 Sample : PB83561TB
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83561TB

Quant Time: May 23 01:01:08 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 23 00:52:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	31666	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	127182	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	75156	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	165828	20.00	ng	0.00
75) Chrysene-d12	21.26	240	189280	20.00	ng	-0.01
86) Perylene-d12	23.51	264	189529	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	249648	139.88	ng	0.00
7) Phenol-d6	6.88	99	319475	127.55	ng	0.00
23) Nitrobenzene-d5	8.84	82	213050	78.21	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	113726	125.18	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	422706	82.53	ng	0.00
78) Terphenyl-d14	19.72	244	743563	81.86	ng	0.00

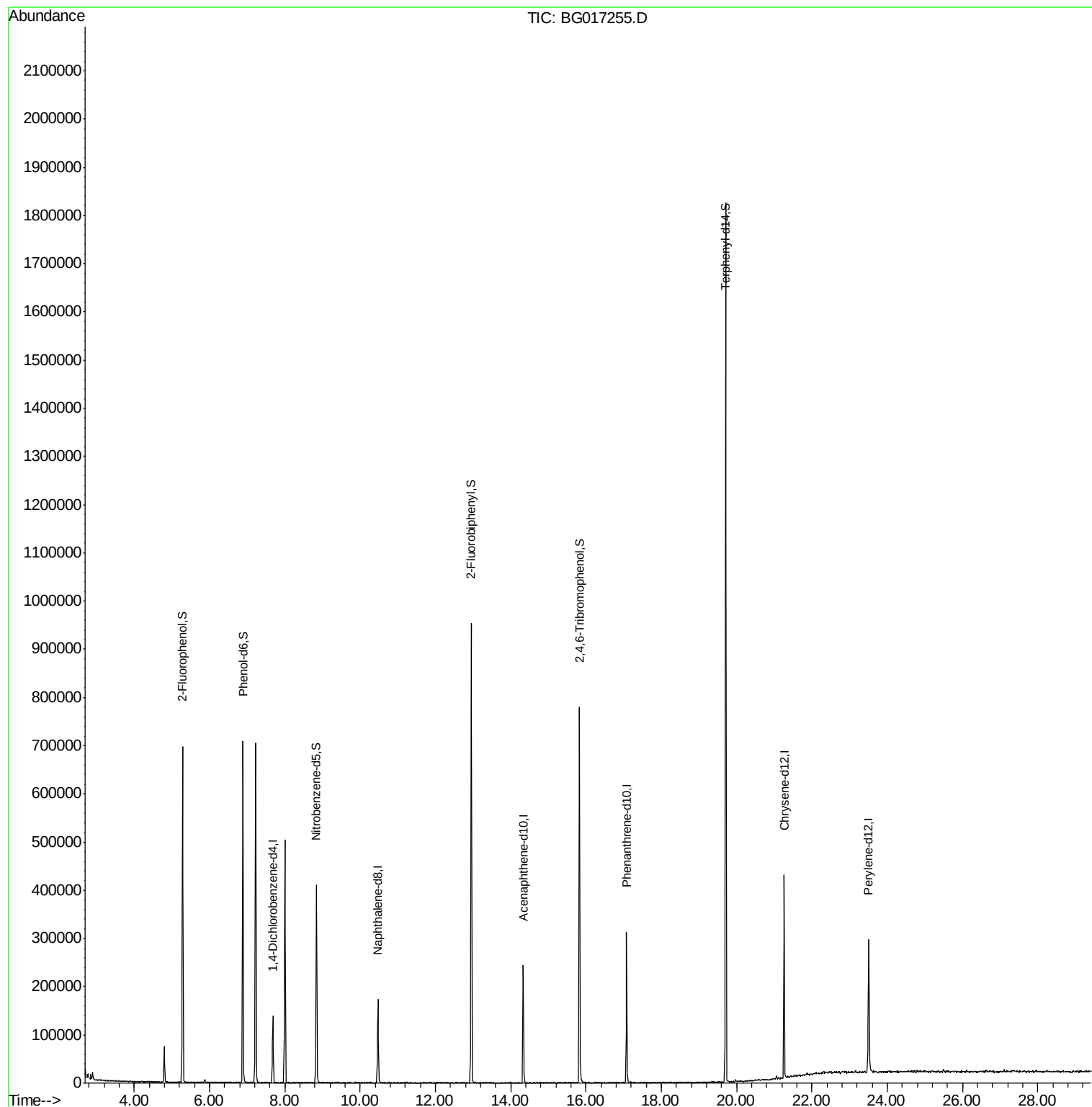
Target Compounds	Qvalue
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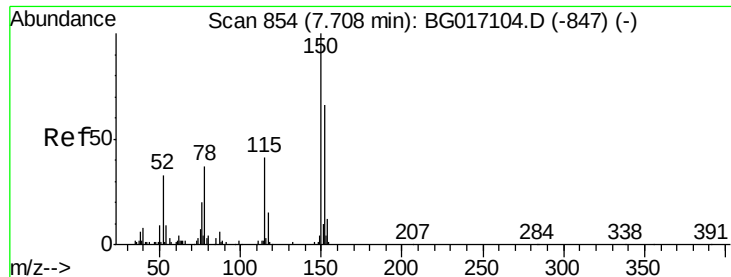
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.68 min Scan# 850

Delta R.T. 0.00 min

Lab File: BG017255.D

Acq: 22 May 2015 20:41

Instrument :

BNA_G

ClientSampleId :

PB83561TB

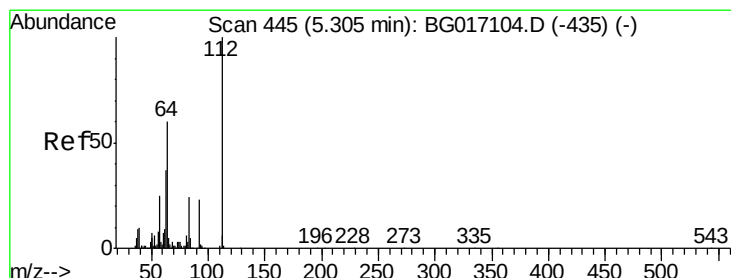
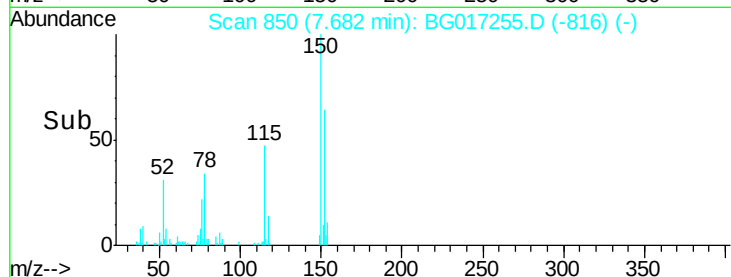
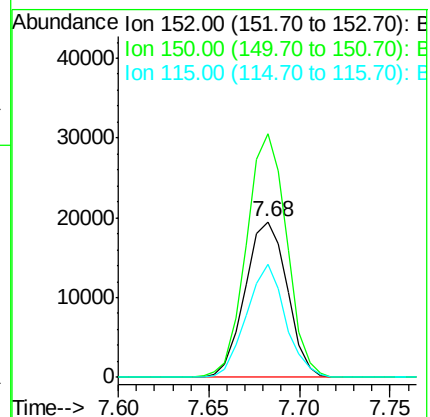
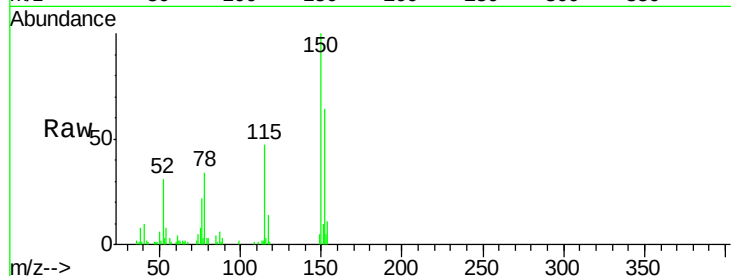
Tgt Ion:152 Resp: 31666

Ion Ratio Lower Upper

152 100

150 156.4 120.8 181.2

115 72.7 49.4 74.2



#5

2-Fluorophenol

Concen: 139.88 ng

RT: 5.28 min Scan# 441

Delta R.T. 0.00 min

Lab File: BG017255.D

Acq: 22 May 2015 20:41

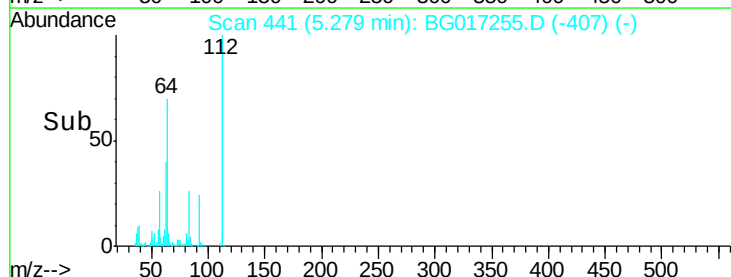
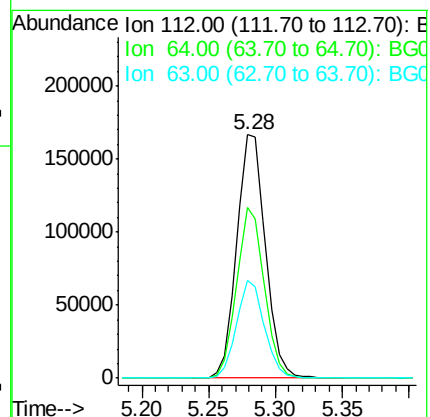
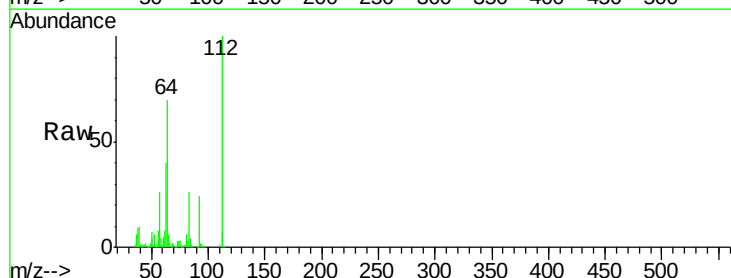
Tgt Ion:112 Resp: 249648

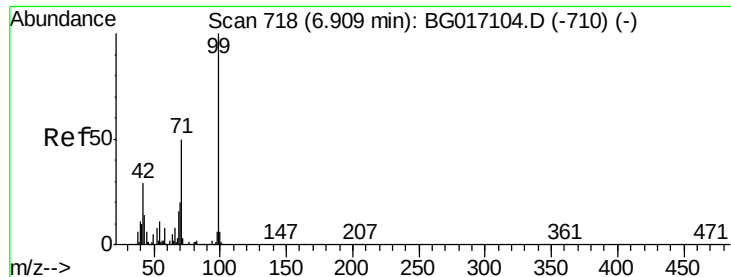
Ion Ratio Lower Upper

112 100

64 70.2 48.1 72.1

63 40.3 29.8 44.8





#7

Phenol-d6

Concen: 127.55 ng

RT: 6.88 min Scan# 714

Delta R.T. 0.00 min

Lab File: BG017255.D

Acq: 22 May 2015 20:41

Instrument :

BNA_G

ClientSampleId :

PB83561TB

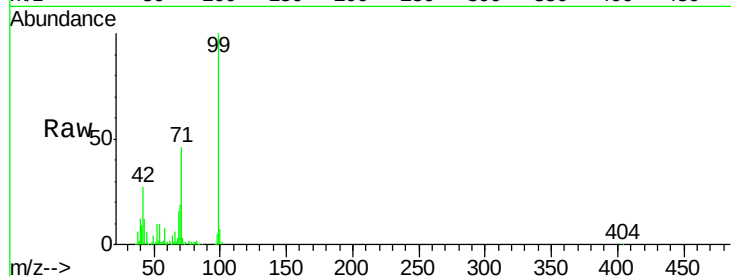
Tgt Ion: 99 Resp: 319475

Ion Ratio Lower Upper

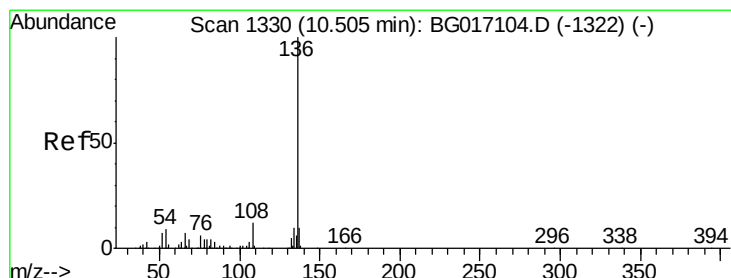
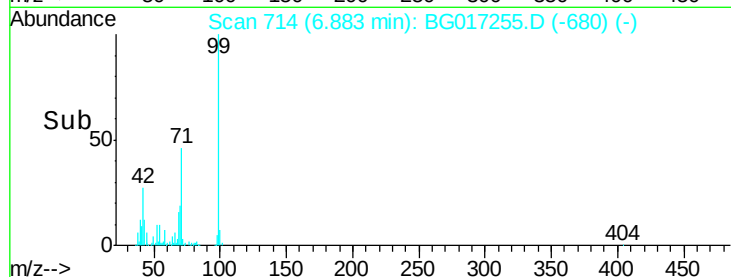
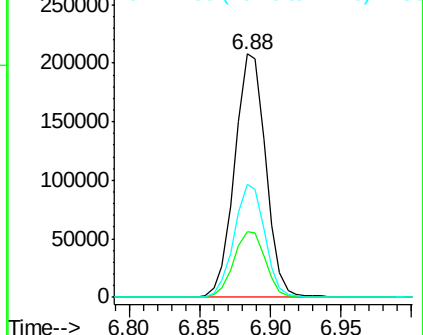
99 100

42 27.1 23.5 35.3

71 46.4 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: 10.47 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BG017255.D

Acq: 22 May 2015 20:41

Tgt Ion: 136 Resp: 127182

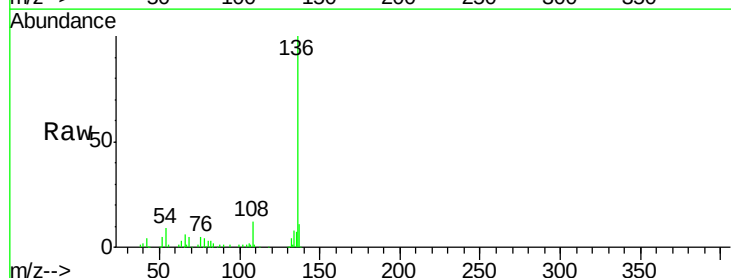
Ion Ratio Lower Upper

136 100

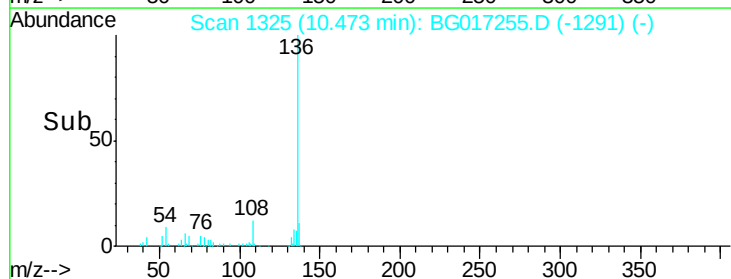
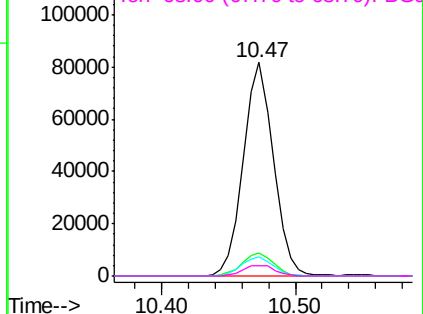
137 10.9 8.3 12.5

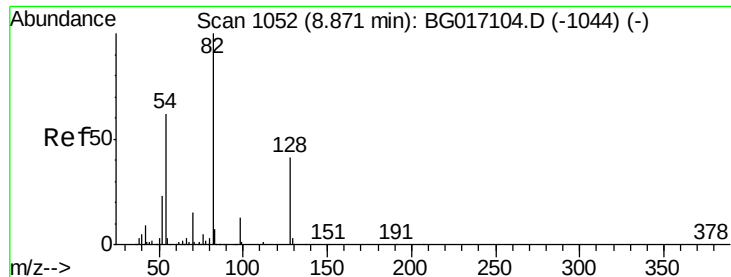
54 9.0 7.4 11.2

68 5.1 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

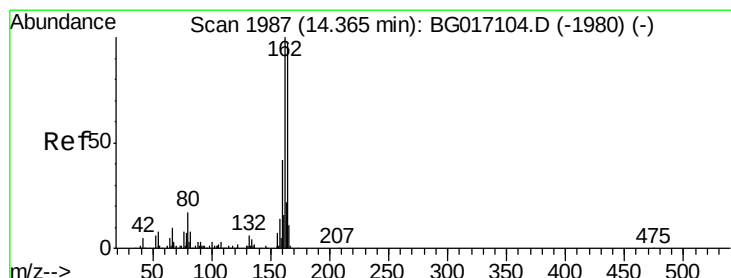
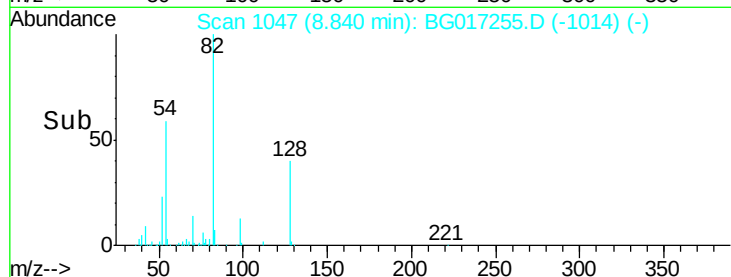
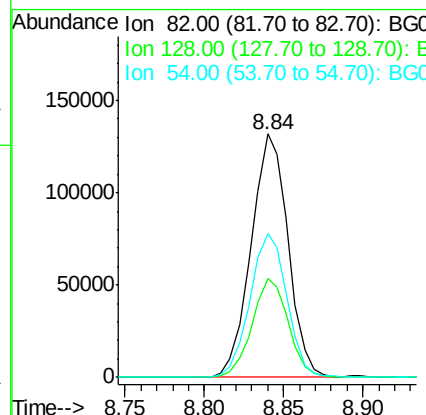
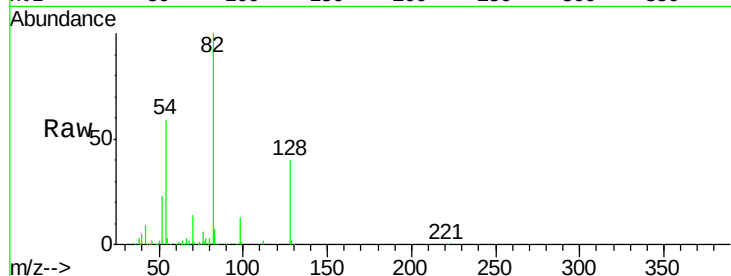




#23
 Nitrobenzene-d5
 Concen: 78.21 ng
 RT: 8.84 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BG017255.D
 Acq: 22 May 2015 20:41

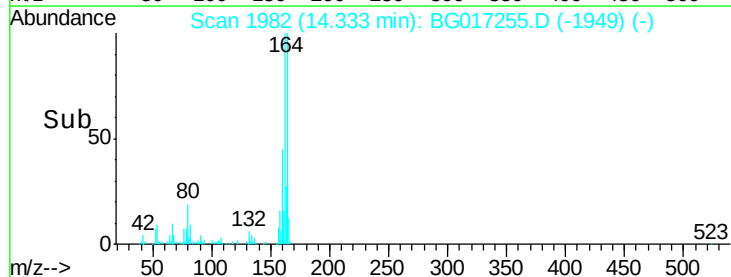
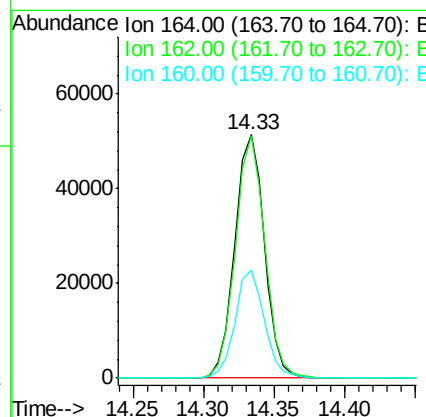
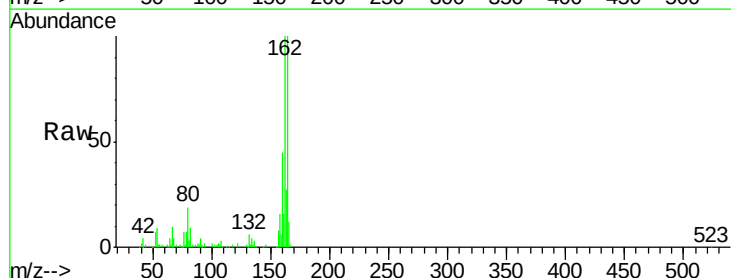
Instrument :
 BNA_G
 ClientSampleId :
 PB83561TB

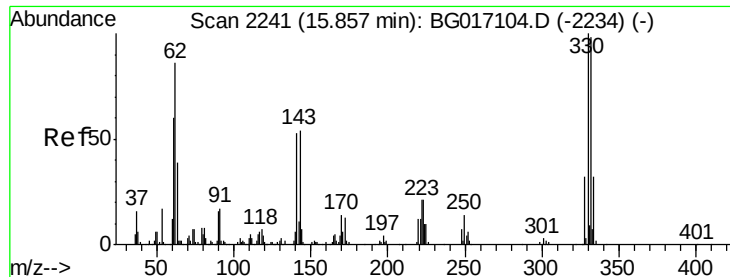
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.4	32.6	49.0
54	59.0	49.6	74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.33 min Scan# 1982
 Delta R.T. -0.00 min
 Lab File: BG017255.D
 Acq: 22 May 2015 20:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.8	82.1	123.1
160	44.5	34.8	52.2

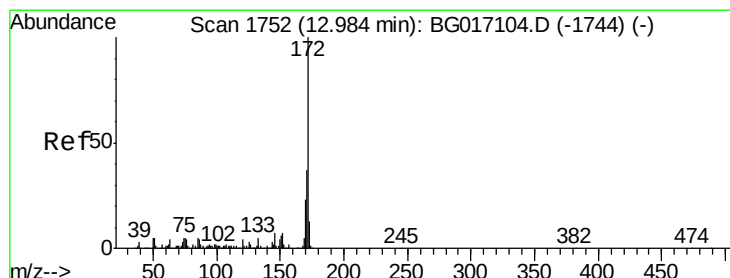
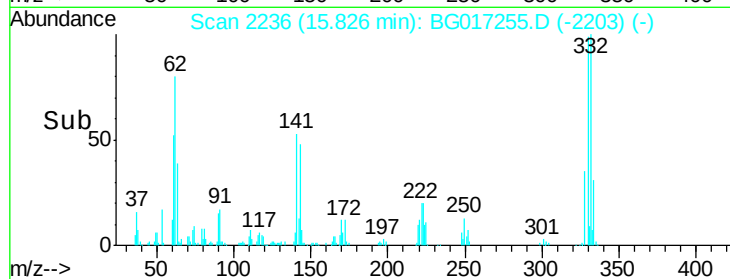
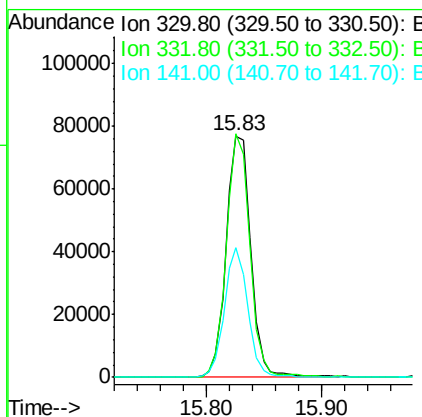
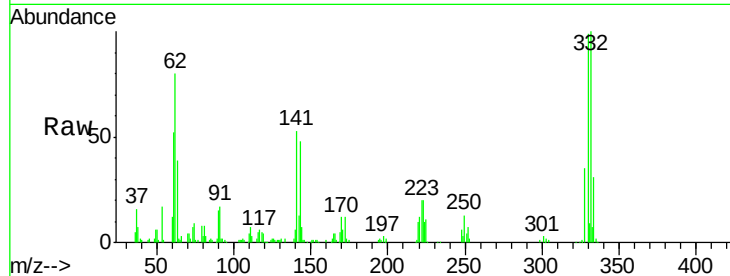




#41
 2,4,6-Tribromophenol
 Concen: 125.18 ng
 RT: 15.83 min Scan# 2236
 Delta R.T. -0.00 min
 Lab File: BG017255.D
 Acq: 22 May 2015 20:41

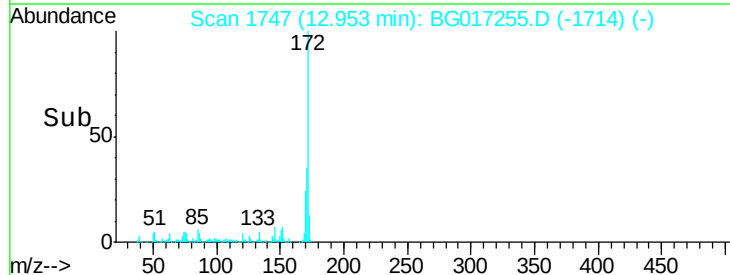
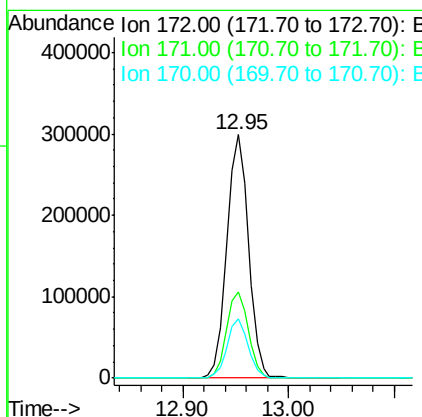
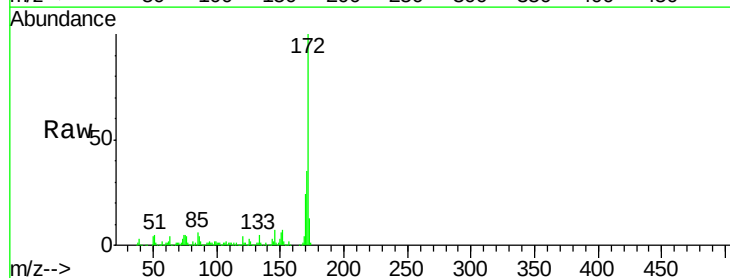
Instrument :
 BNA_G
 ClientSampleId :
 PB83561TB

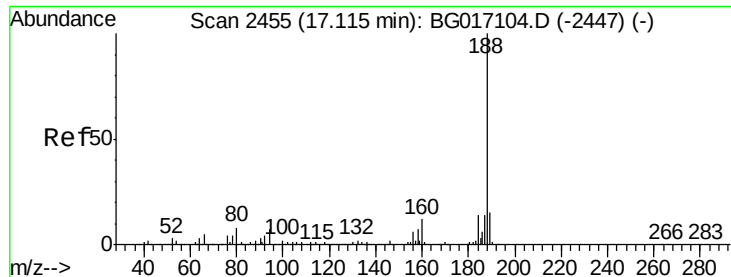
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.9	115.3
141	50.9	42.2	63.2



#44
 2-Fluorobiphenyl
 Concen: 82.53 ng
 RT: 12.95 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: BG017255.D
 Acq: 22 May 2015 20:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	24.2	18.4	27.6

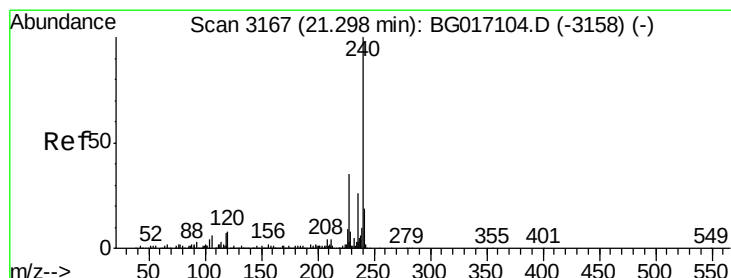
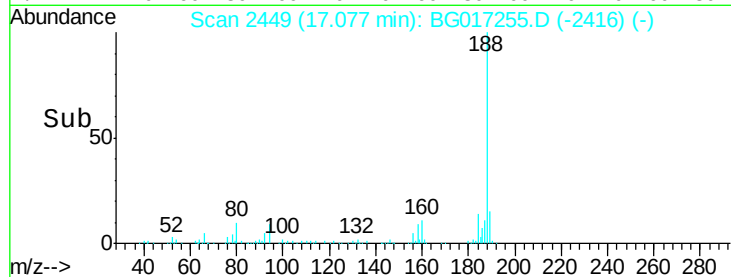
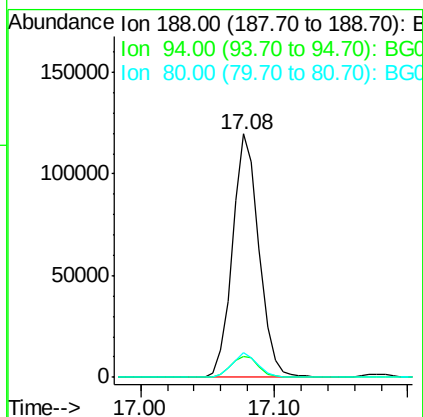
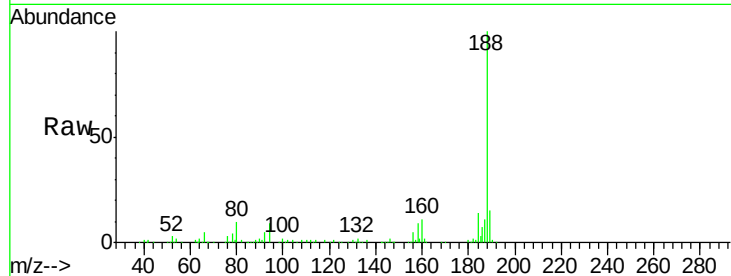




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG017255.D
Acq: 22 May 2015 20:41

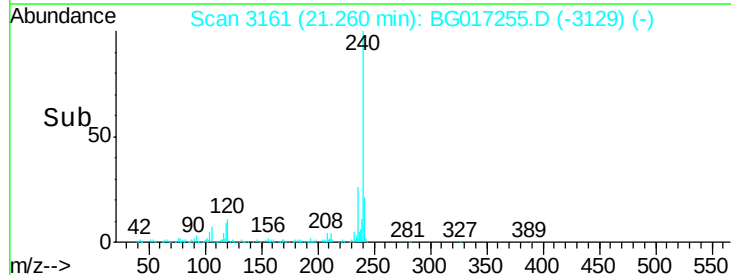
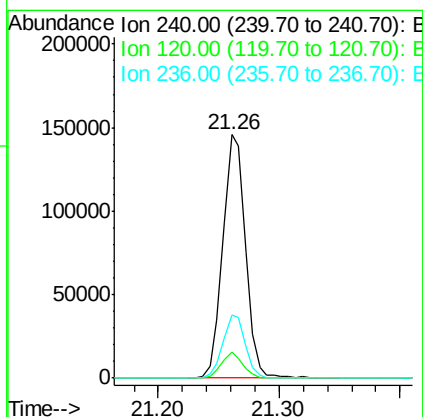
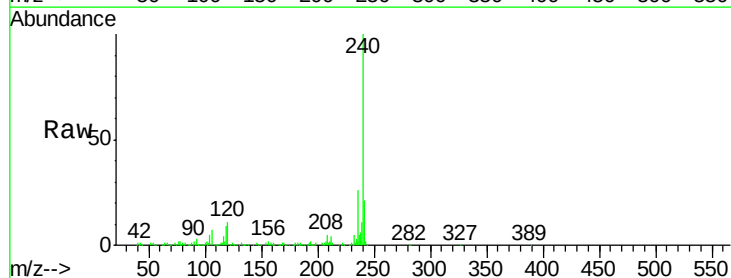
Instrument :
BNA_G
ClientSampleId :
PB83561TB

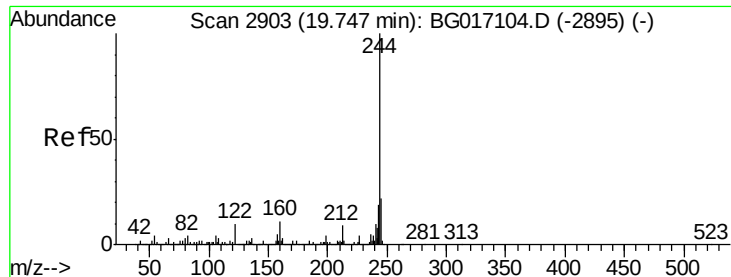
Tgt Ion:188 Resp: 165828
Ion Ratio Lower Upper
188 100
94 8.7 5.8 8.6#
80 10.3 6.5 9.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.26 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG017255.D
Acq: 22 May 2015 20:41

Tgt Ion:240 Resp: 189280
Ion Ratio Lower Upper
240 100
120 10.9 6.0 9.0#
236 26.0 20.5 30.7





#78

Terphenyl-d14

Concen: 81.86 ng

RT: 19.72 min Scan# 2898

Delta R.T. 0.00 min

Lab File: BG017255.D

Acq: 22 May 2015 20:41

Instrument :

BNA_G

ClientSampleId :

PB83561TB

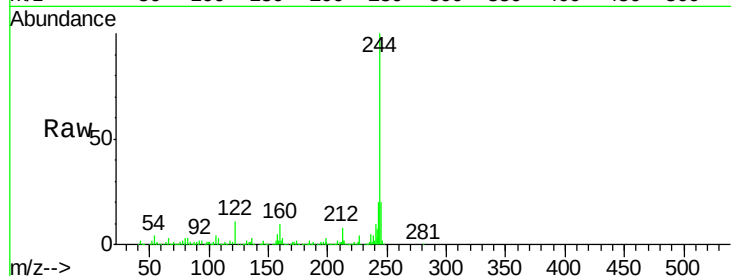
Tgt Ion:244 Resp: 743563

Ion Ratio Lower Upper

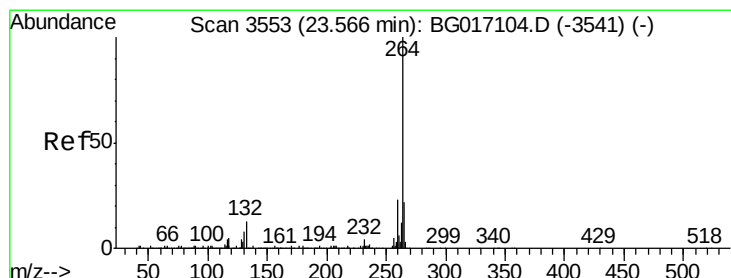
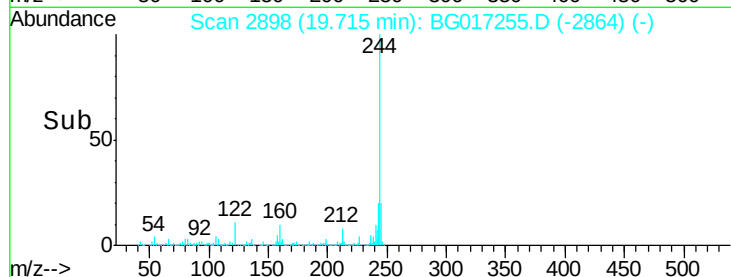
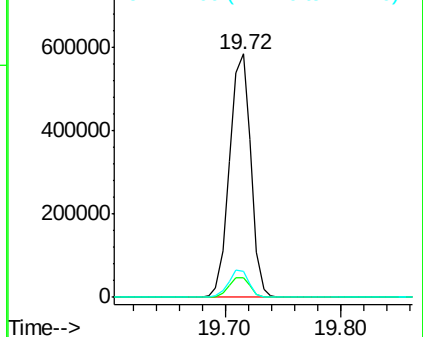
244 100

212 8.1 7.0 10.4

122 10.7 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



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.51 min Scan# 3544

Delta R.T. -0.01 min

Lab File: BG017255.D

Acq: 22 May 2015 20:41

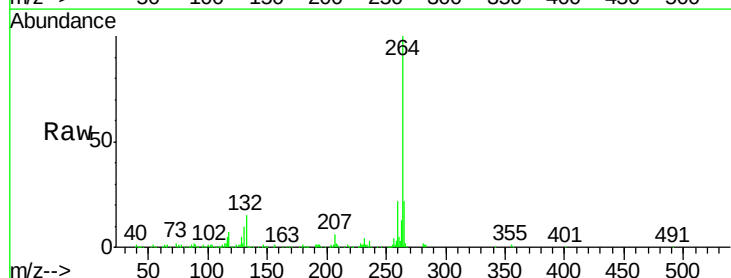
Tgt Ion:264 Resp: 189529

Ion Ratio Lower Upper

264 100

260 21.9 18.0 27.0

265 21.7 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

