

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051115\
 Data File : BG017079.D
 Acq On : 12 May 2015 8:32
 Operator : TP/IZ
 Sample : G2172-07
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GPW-02

Quant Time: May 12 17:37:20 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 16:13:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	38103	20.00	ng	-0.05
21) Naphthalene-d8	10.55	136	164210	20.00	ng	-0.05
38) Acenaphthene-d10	14.40	164	107061	20.00	ng	-0.05
63) Phenanthrene-d10	17.15	188	246553	20.00	ng	-0.04
75) Chrysene-d12	21.33	240	270424	20.00	ng	-0.04
86) Perylene-d12	23.62	264	270673	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	146101	66.77	ng	-0.04
7) Phenol-d6	6.94	99	126523	40.47	ng	-0.02
23) Nitrobenzene-d5	8.91	82	305428	90.87	ng	-0.05
41) 2,4,6-Tribromophenol	15.90	330	209689	195.10	ng	-0.04
44) 2-Fluorobiphenyl	13.02	172	664946	93.72	ng	-0.05
78) Terphenyl-d14	19.79	244	1118394	96.95	ng	-0.03

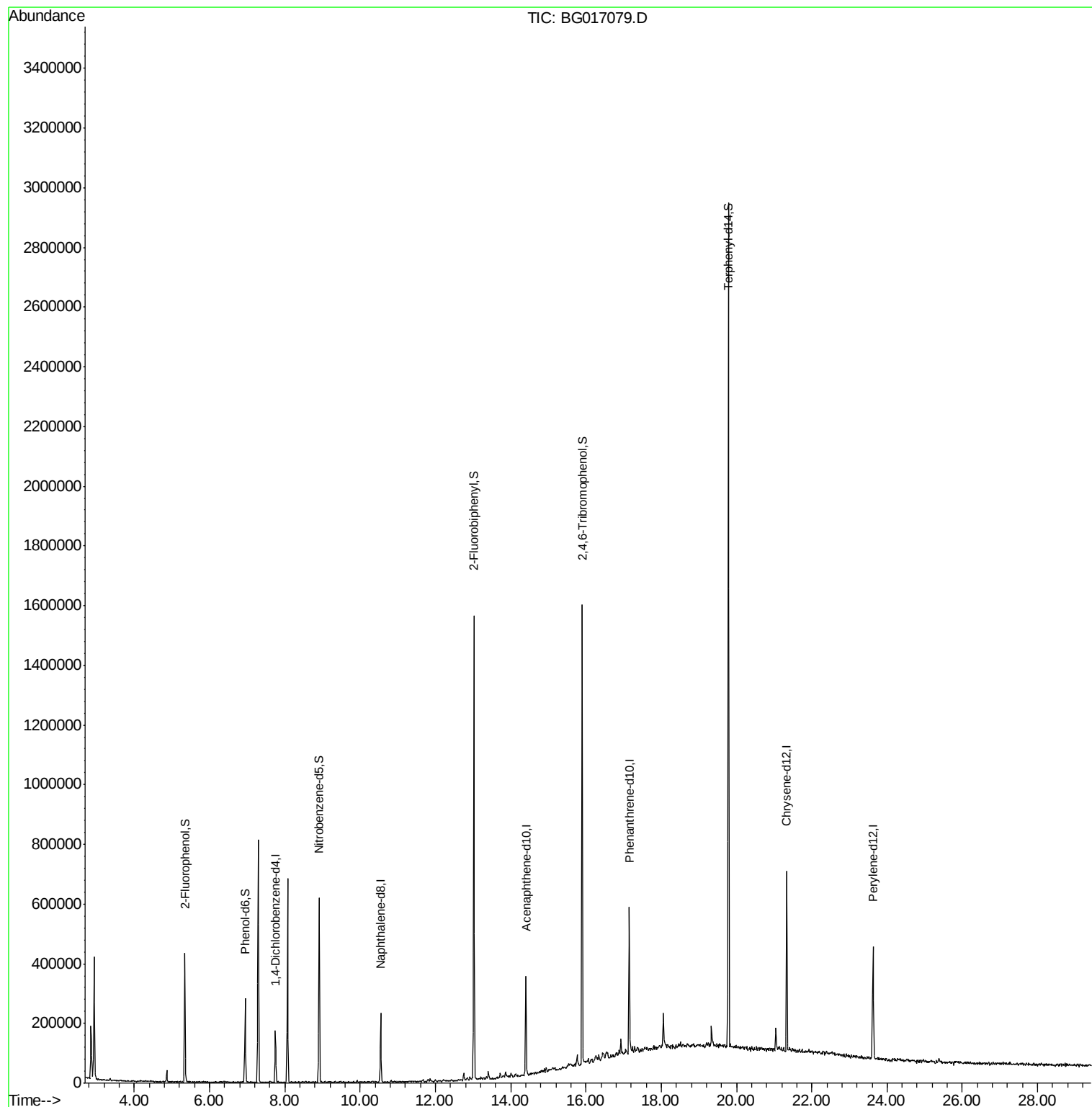
Target Compounds Qvalue

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

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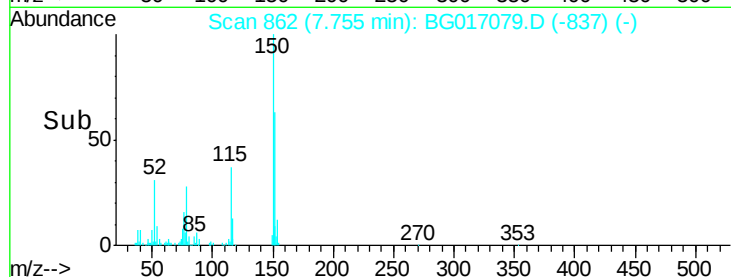
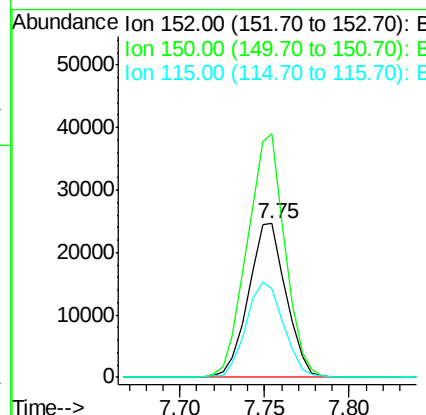
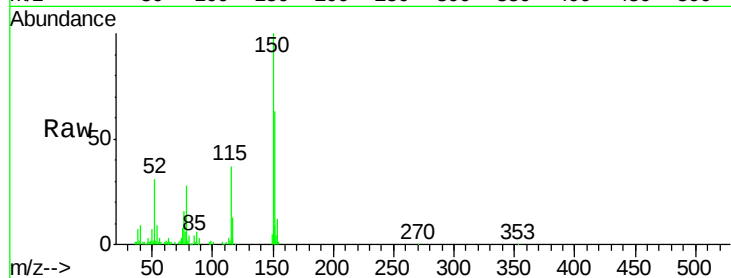


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.75 min Scan# 862
Delta R.T. -0.05 min
Lab File: BG017079.D
Acq: 12 May 2015 8:32

Instrument :
BNA_G
ClientSampleId :
GPW-02

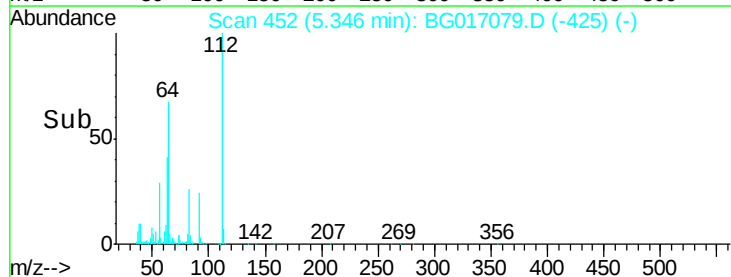
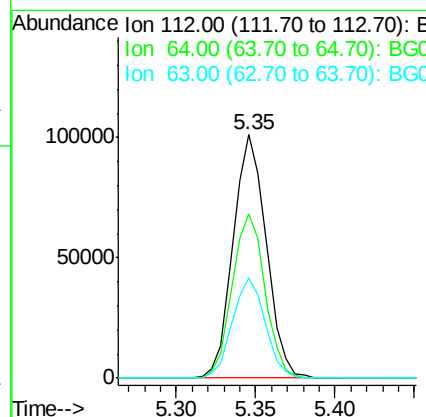
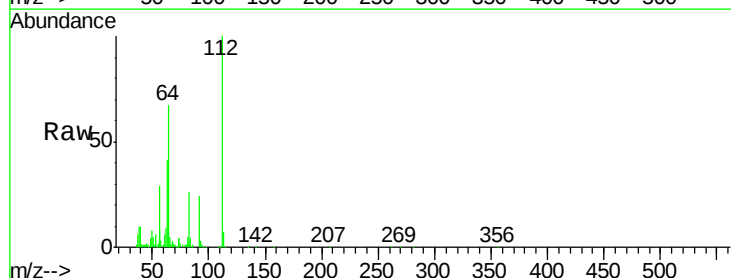
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	121.0	181.4
115	58.1	50.5	75.7

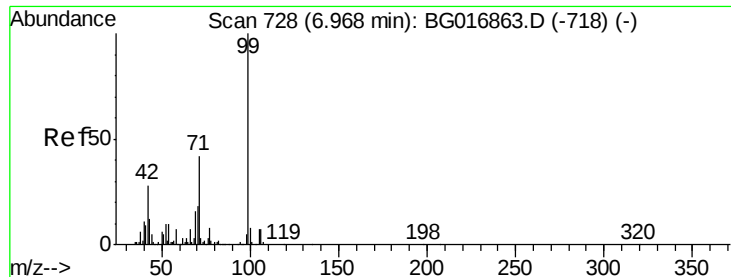


#5

2-Fluorophenol
Concen: 66.77 ng
RT: 5.35 min Scan# 452
Delta R.T. -0.04 min
Lab File: BG017079.D
Acq: 12 May 2015 8:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.5	51.4	77.2
63	41.1	28.1	42.1





#7

Phenol-d6

Concen: 40.47 ng

RT: 6.94 min Scan# 724

Delta R.T. -0.02 min

Lab File: BG017079.D

Acq: 12 May 2015 8:32

Instrument :

BNA_G

ClientSampleId :

GPW-02

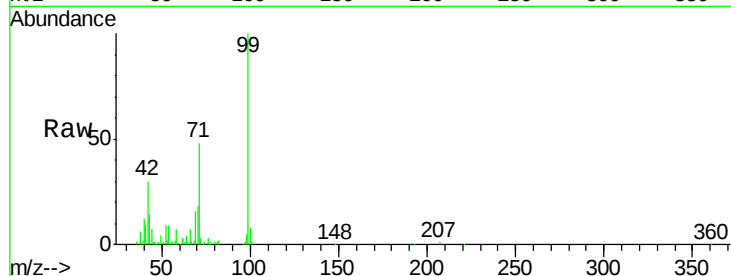
Tot Ion: 99 Resp: 126523

Ion Ratio Lower Upper

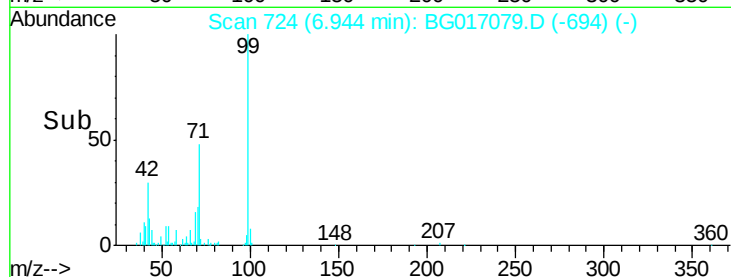
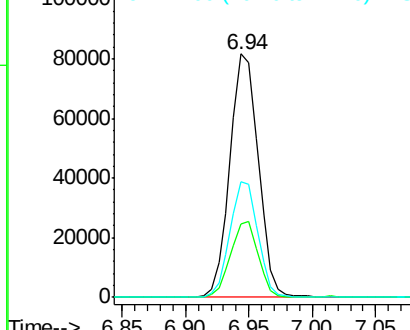
99 100

42 29.9 22.1 33.1

71 47.7 33.4 50.0



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: 10.55 min Scan# 1337

Delta R.T. -0.05 min

Lab File: BG017079.D

Acq: 12 May 2015 8:32

Tgt Ion: 136 Resp: 164210

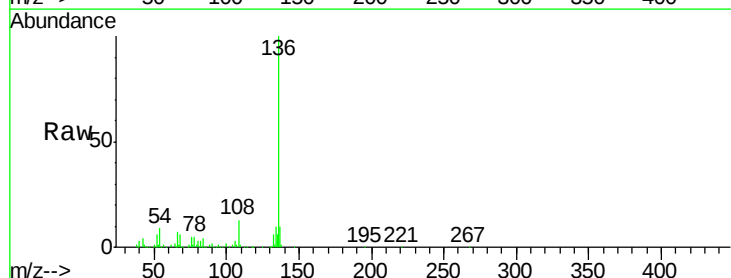
Ion Ratio Lower Upper

136 100

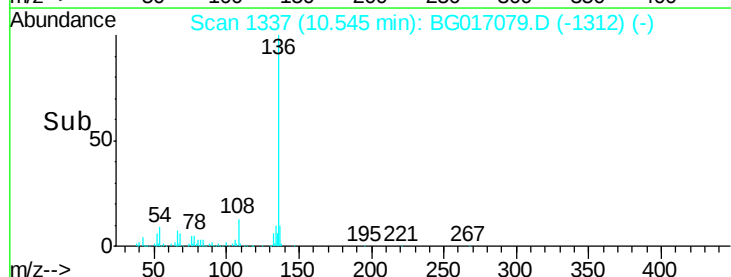
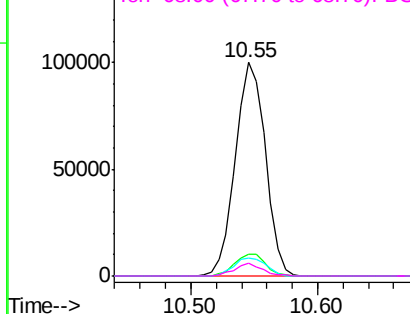
137 10.0 9.8 14.8

54 8.6 8.7 13.1#

68 5.7 5.0 7.4



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

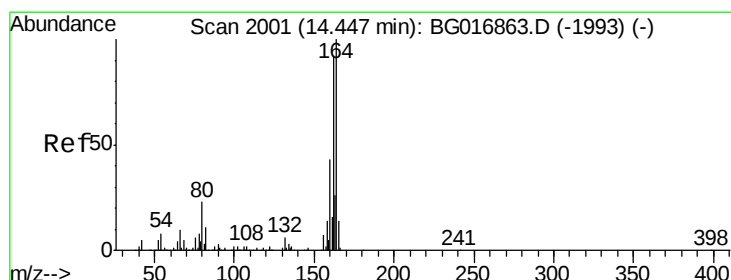
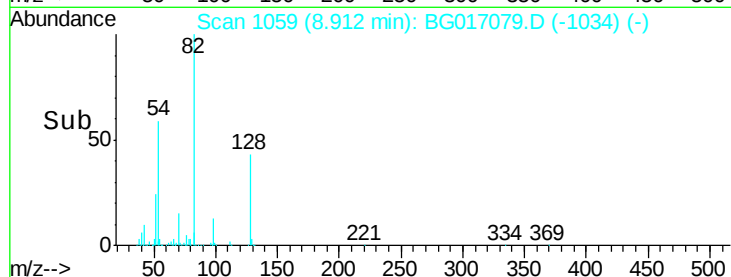
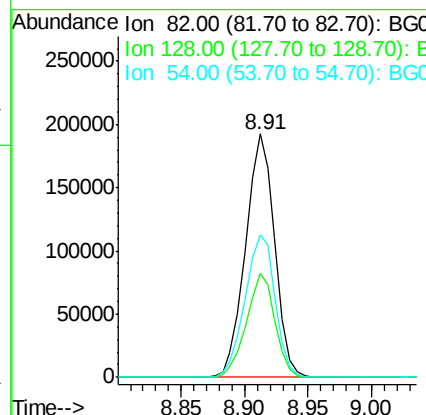
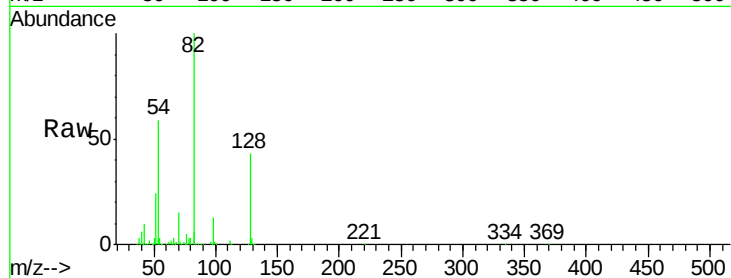




#23
 Nitrobenzene-d5
 Concen: 90.87 ng
 RT: 8.91 min Scan# 1059
 Delta R.T. -0.05 min
 Lab File: BG017079.D
 Acq: 12 May 2015 8:32

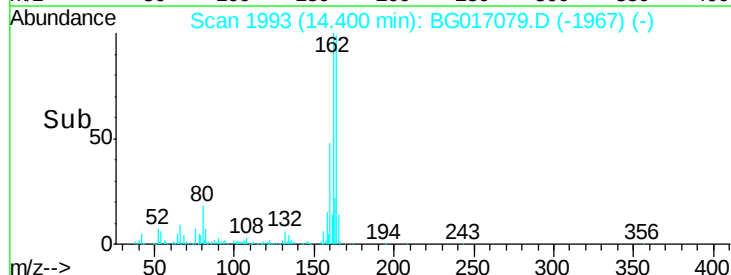
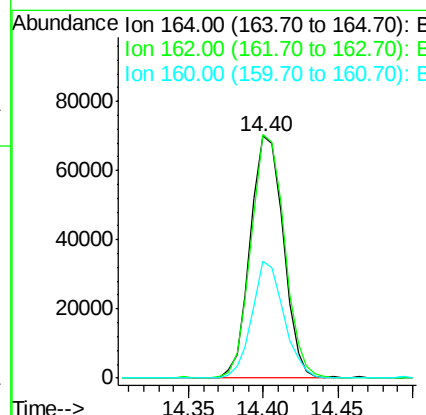
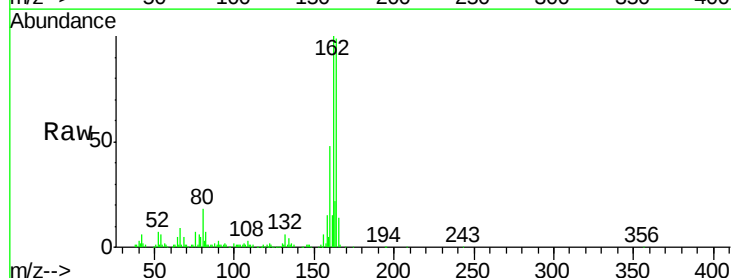
Instrument :
 BNA_G
 ClientSampled :
 GPW-02

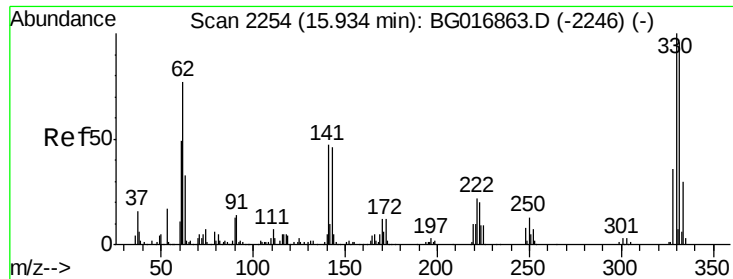
Tot Ion	82	Resp	305428
Ion Ratio	Lower	Upper	
82	100		
128	42.6	33.2	49.8
54	58.6	48.6	72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.40 min Scan# 1993
 Delta R.T. -0.05 min
 Lab File: BG017079.D
 Acq: 12 May 2015 8:32

Tgt Ion	164	Resp	107061
Ion Ratio	Lower	Upper	
164	100		
162	100.5	74.0	111.0
160	48.0	34.7	52.1

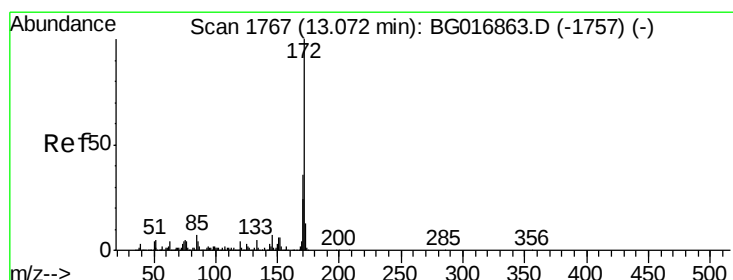
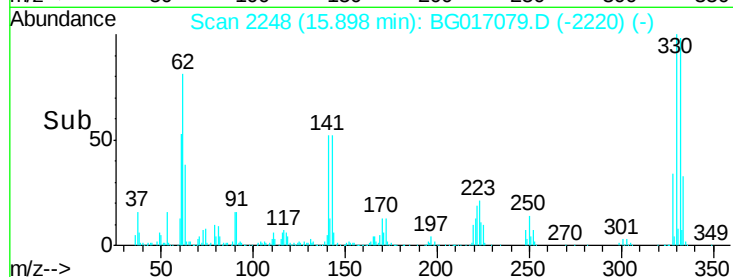
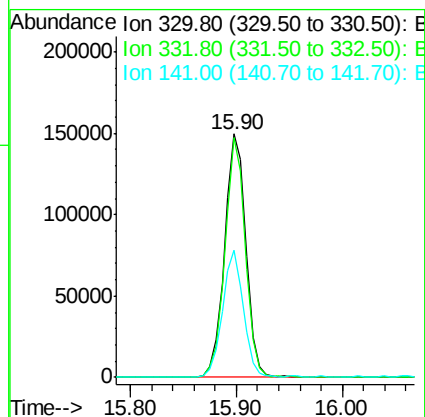
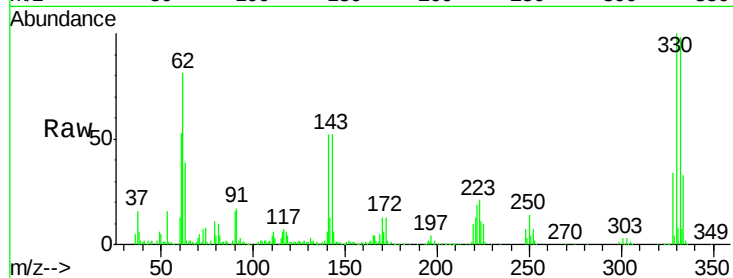




#41
 2,4,6-Tribromophenol
 Concen: 195.10 ng
 RT: 15.90 min Scan# 2248
 Delta R.T. -0.04 min
 Lab File: BG017079.D
 Acq: 12 May 2015 8:32

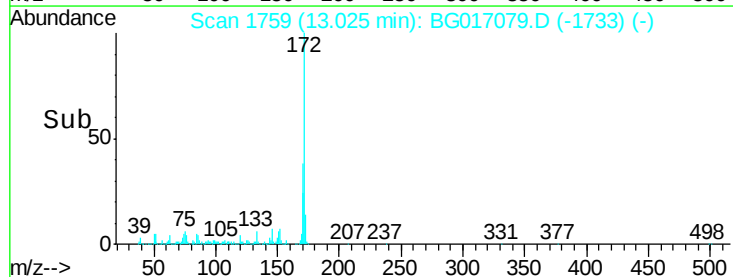
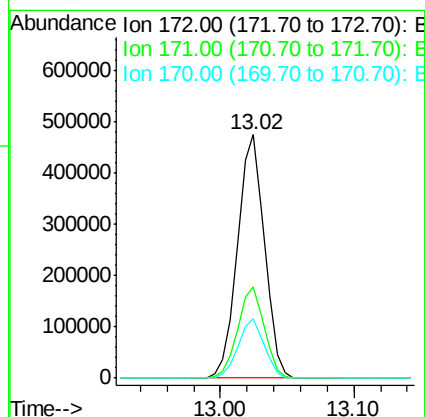
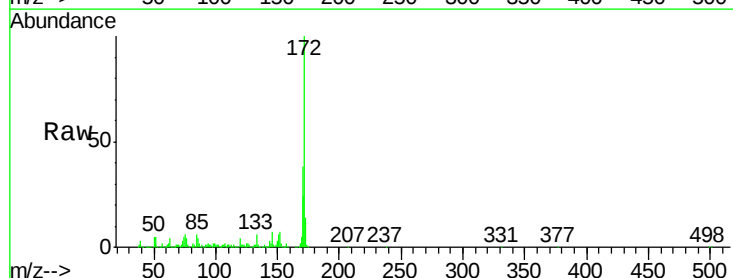
Instrument :
 BNA_G
 ClientSampleId :
 GPW-02

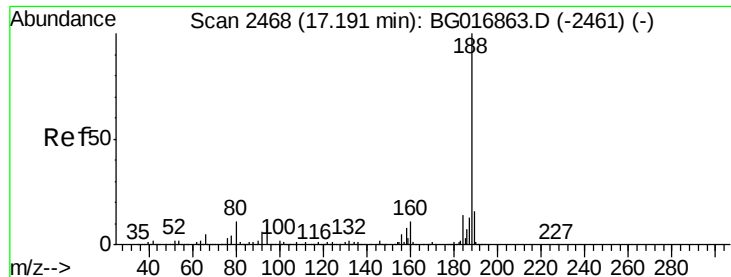
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	0.0	0.0#
141	50.6	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 93.72 ng
 RT: 13.02 min Scan# 1759
 Delta R.T. -0.05 min
 Lab File: BG017079.D
 Acq: 12 May 2015 8:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.0	43.4
170	24.2	19.0	28.4

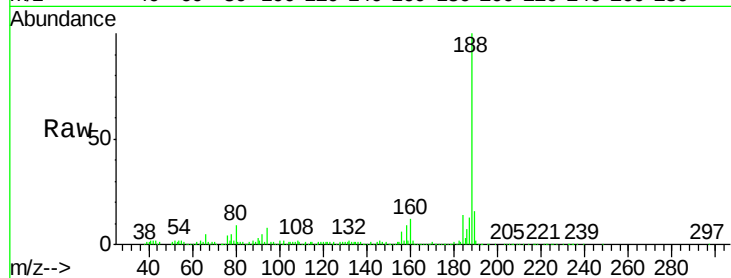




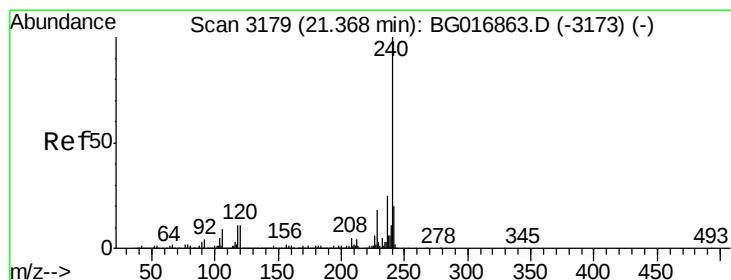
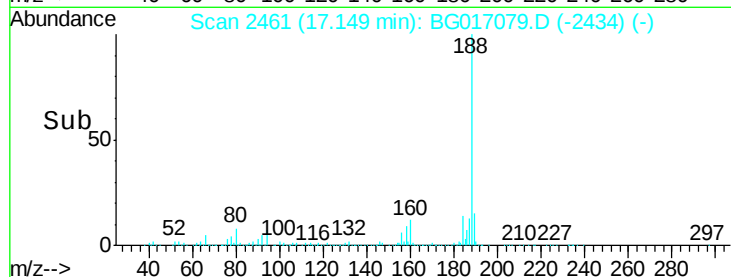
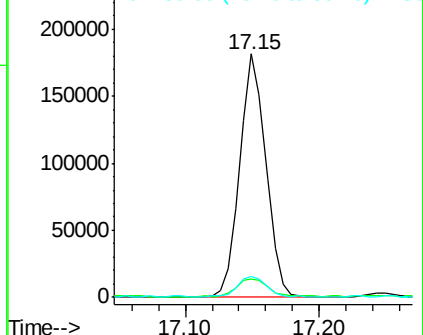
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.15 min Scan# 2461
Delta R.T. -0.04 min
Lab File: BG017079.D
Acq: 12 May 2015 8:32

Instrument :
BNA_G
ClientSampleId :
GPW-02

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.7	8.2	12.4#
80	8.7	8.8	13.2#

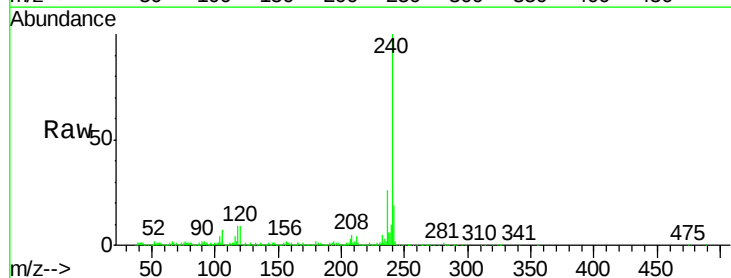


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

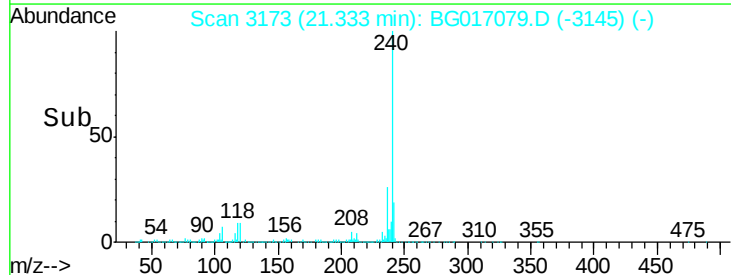
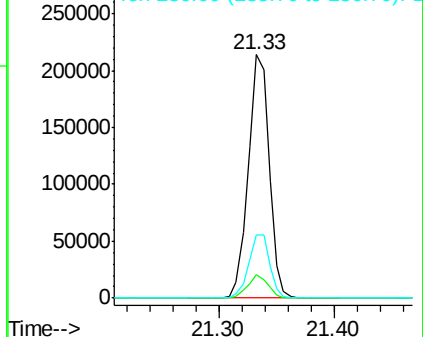


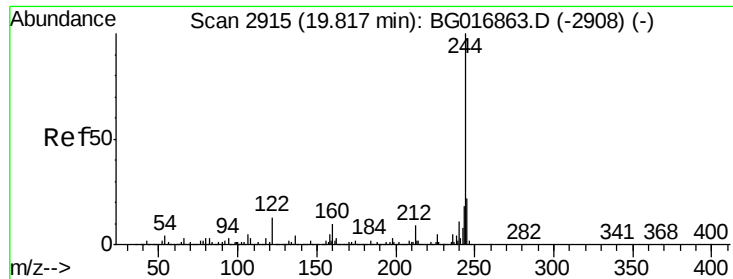
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.33 min Scan# 3173
Delta R.T. -0.04 min
Lab File: BG017079.D
Acq: 12 May 2015 8:32

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.5	9.1	13.7
236	25.9	20.2	30.4



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: 96.95 ng

RT: 19.79 min Scan# 2910

Delta R.T. -0.03 min

Lab File: BG017079.D

Acq: 12 May 2015 8:32

Instrument :

BNA_G

ClientSampled :

GPW-02

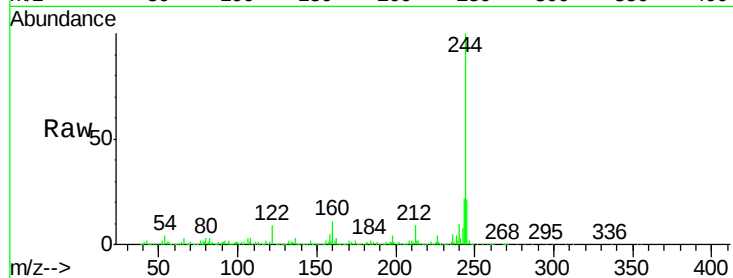
Tot Ion:244 Resp: 1118394

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.0	10.6
122	9.2	10.4	15.6

244 100

212 9.0 7.0 10.6

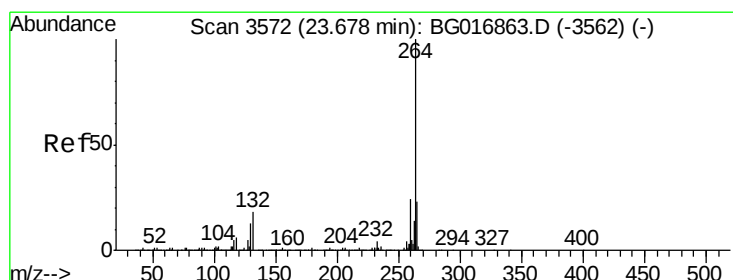
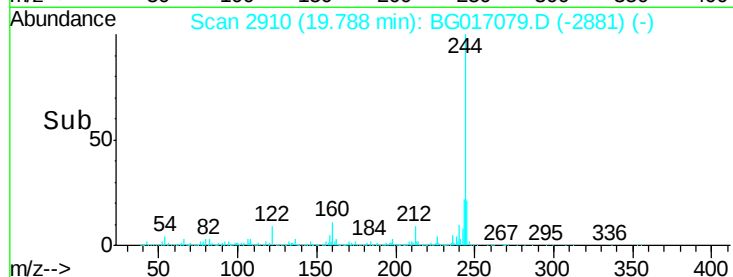
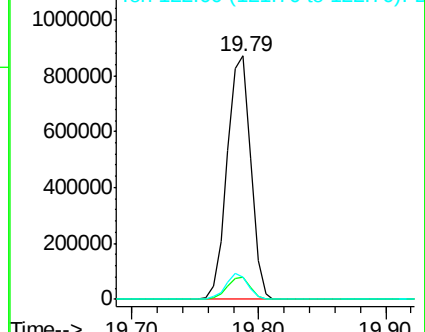
122 9.2 10.4 15.6



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: 23.62 min Scan# 3563

Delta R.T. -0.05 min

Lab File: BG017079.D

Acq: 12 May 2015 8:32

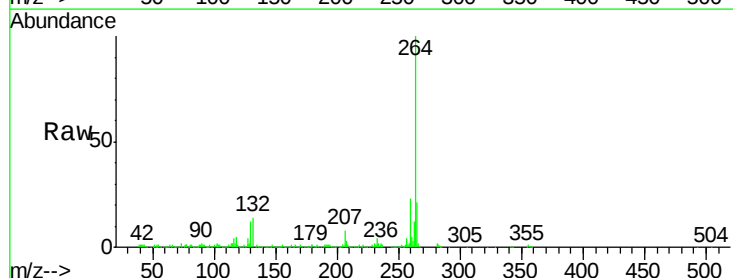
Tgt Ion:264 Resp: 270673

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.5	29.3
265	21.2	18.5	27.7

264 100

260 22.7 19.5 29.3

265 21.2 18.5 27.7



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

