

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051115\
 Data File : BG017059.D
 Acq On : 11 May 2015 18:36
 Operator : TP/IZ
 Sample : G2177-20
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PS-30A(20-25)

Quant Time: May 12 04:18:44 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 04:00:00 2015
 Response via : Initial Calibration

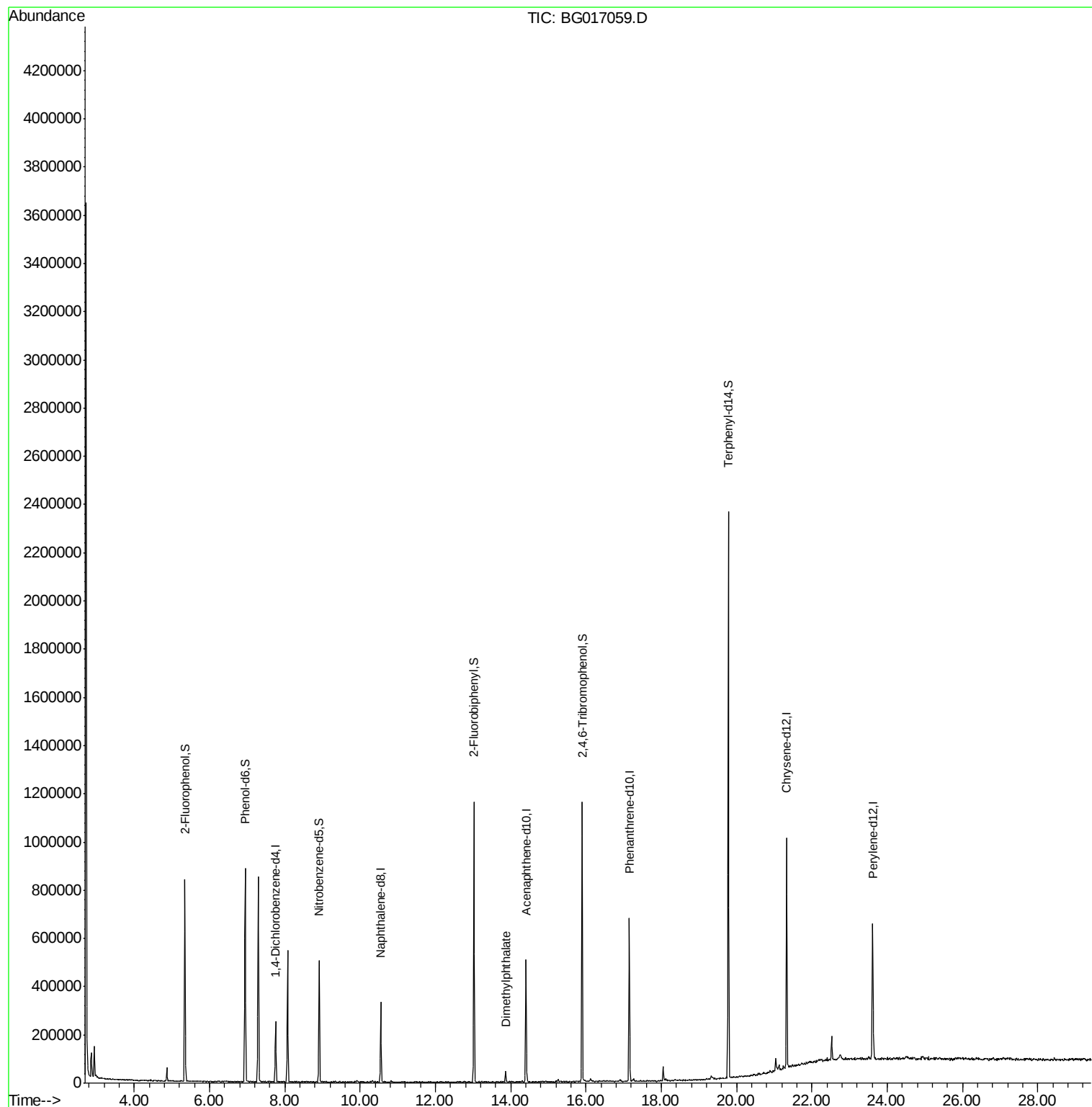
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	56351	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	237101	20.00	ng	0.00
38) Acenaphthene-d10	14.40	164	154595	20.00	ng	0.00
63) Phenanthrene-d10	17.15	188	363536	20.00	ng	0.00
75) Chrysene-d12	21.33	240	404841	20.00	ng	0.00
86) Perylene-d12	23.62	264	389692	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	298489	92.23	ng	0.00
7) Phenol-d6	6.95	99	405686	87.74	ng	0.00
23) Nitrobenzene-d5	8.91	82	261267	53.83	ng	0.00
41) 2,4,6-Tribromophenol	15.90	330	161207	103.87	ng	0.00
44) 2-Fluorobiphenyl	13.02	172	534130	52.14	ng	0.00
78) Terphenyl-d14	19.78	244	885127	51.25	ng	0.00
Target Compounds						
32) Benzoic acid	9.89	122	58	Below Cal		Qvalue # 1
49) Dimethylphthalate	13.86	163	25047	2.17 ng		97

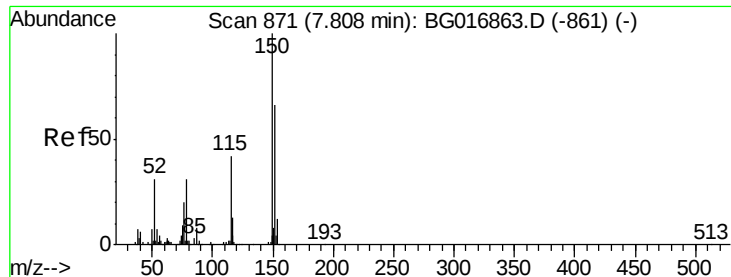
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 12 04:00:00 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.75 min Scan# 862

Delta R.T. -0.00 min

Lab File: BG017059.D

Acq: 11 May 2015 18:36

Instrument :

BNA_G

ClientSampleId :

PS-30A(20-25)

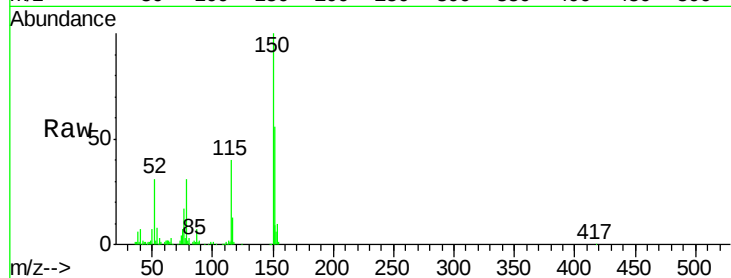
Tgt Ion:152 Resp: 56351

Ion Ratio Lower Upper

152 100

150 178.7 121.0 181.4

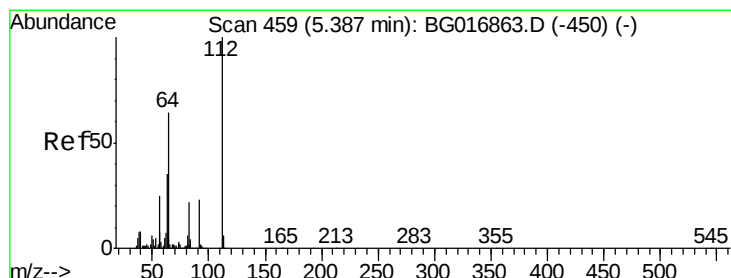
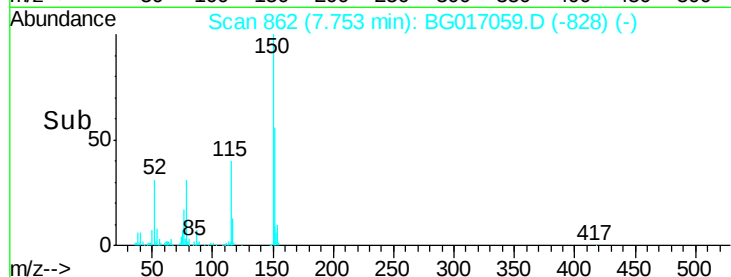
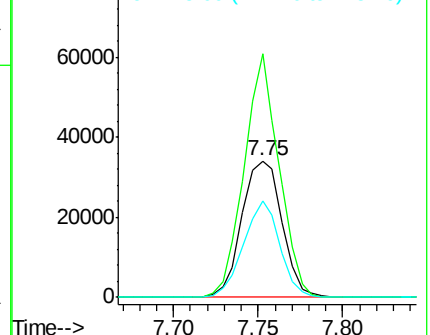
115 70.6 50.5 75.7



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: 92.23 ng

RT: 5.34 min Scan# 452

Delta R.T. -0.00 min

Lab File: BG017059.D

Acq: 11 May 2015 18:36

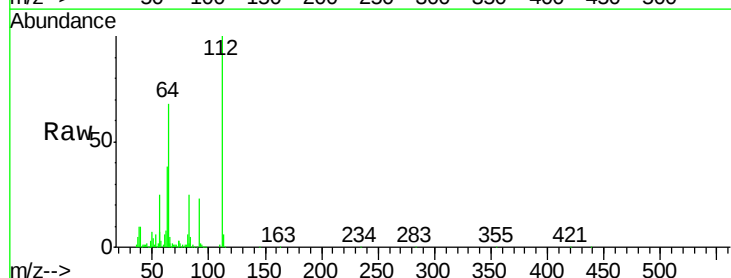
Tgt Ion:112 Resp: 298489

Ion Ratio Lower Upper

112 100

64 67.7 51.4 77.2

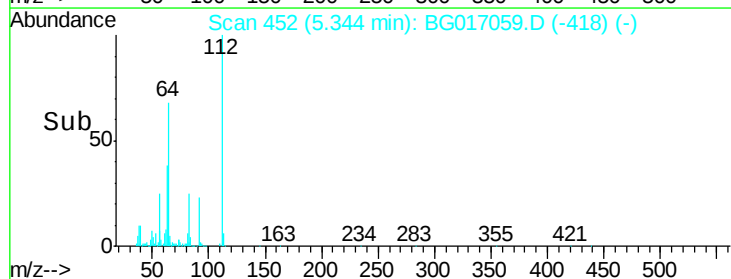
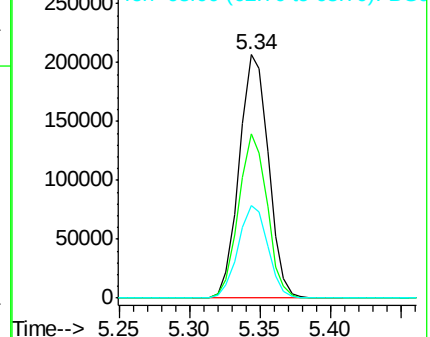
63 38.3 28.1 42.1

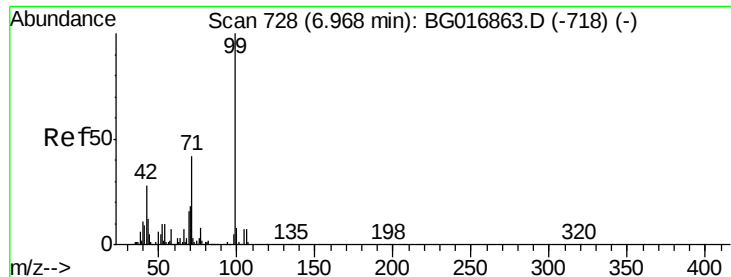


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 87.74 ng

RT: 6.95 min Scan# 725

Delta R.T. 0.00 min

Lab File: BG017059.D

Acq: 11 May 2015 18:36

Instrument :

BNA_G

ClientSampleId :

PS-30A(20-25)

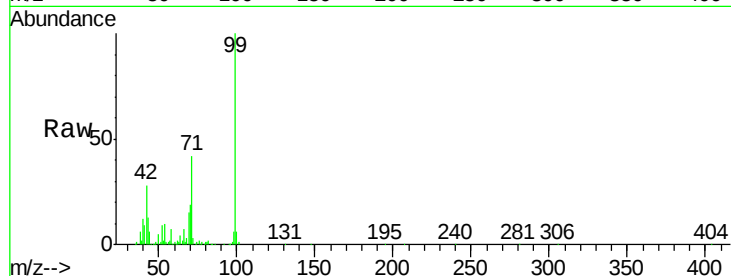
Tgt Ion: 99 Resp: 405686

Ion Ratio Lower Upper

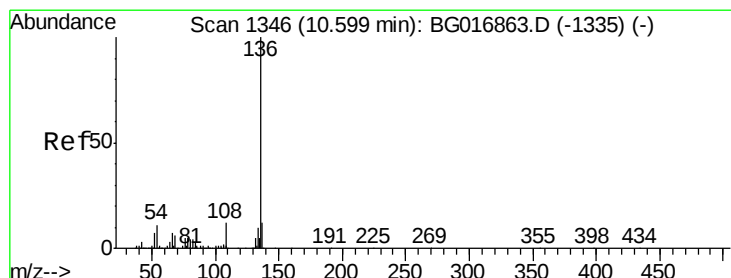
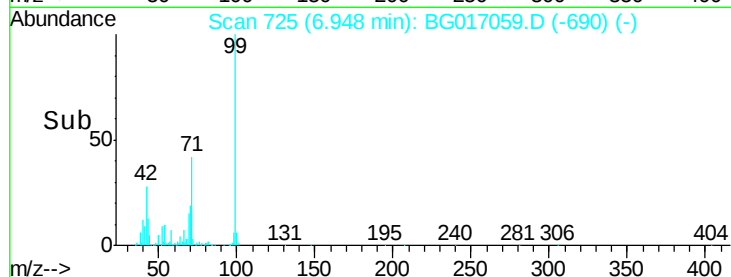
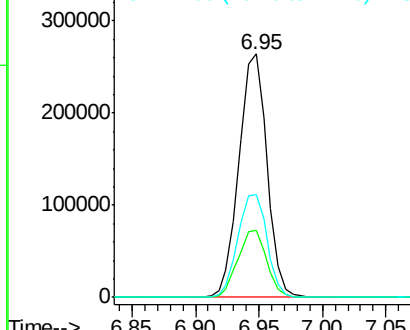
99 100

42 27.7 22.1 33.1

71 42.4 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# 1338

Delta R.T. -0.00 min

Lab File: BG017059.D

Acq: 11 May 2015 18:36

Tgt Ion: 136 Resp: 237101

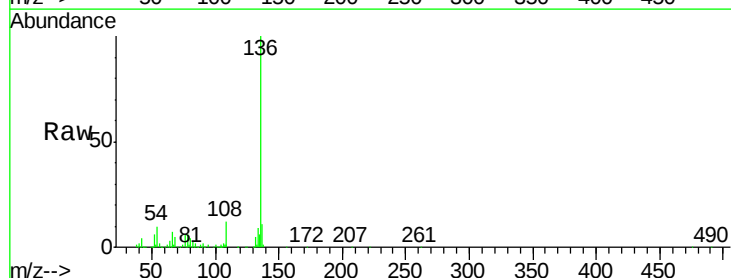
Ion Ratio Lower Upper

136 100

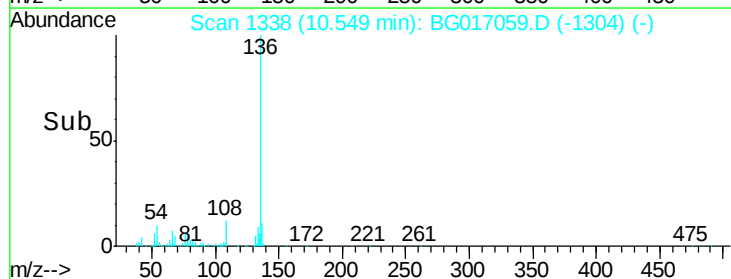
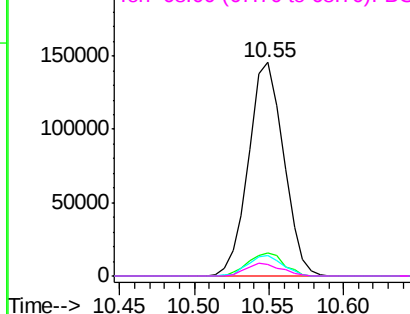
137 11.0 9.8 14.8

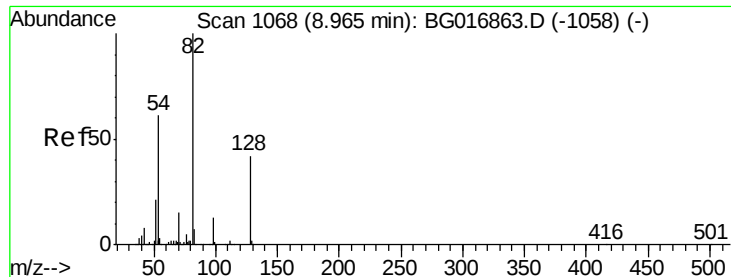
54 9.7 8.7 13.1

68 5.4 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

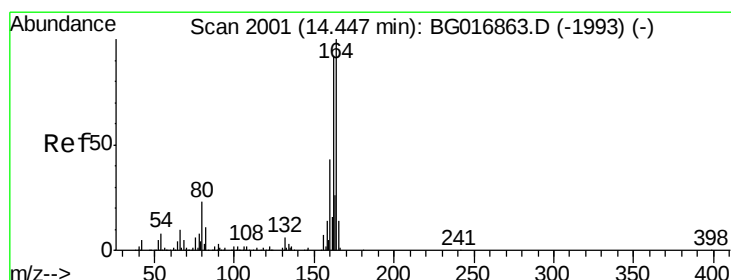
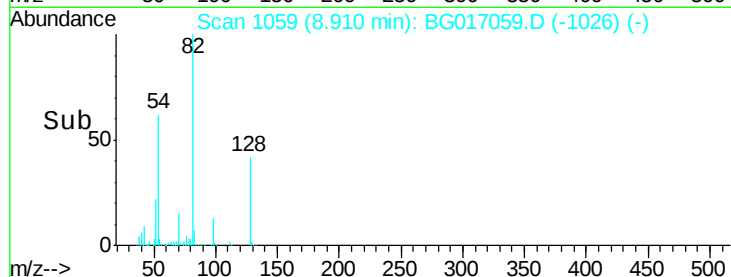
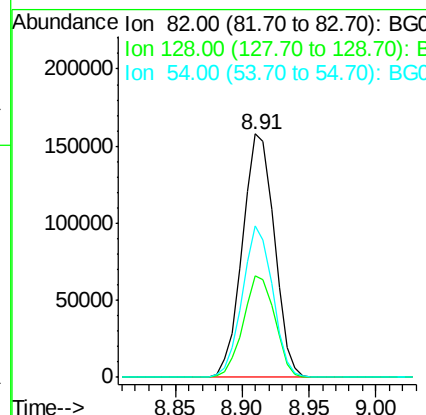
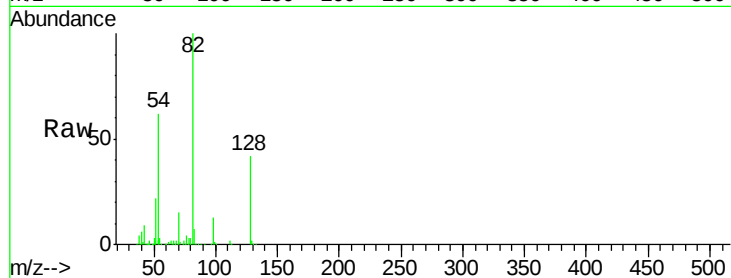




#23
 Nitrobenzene-d5
 Concen: 53.83 ng
 RT: 8.91 min Scan# 1059
 Delta R.T. -0.01 min
 Lab File: BG017059.D
 Acq: 11 May 2015 18:36

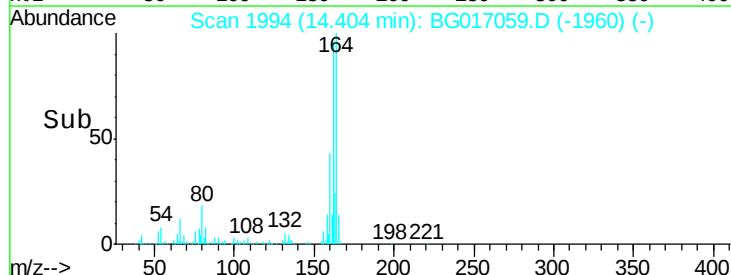
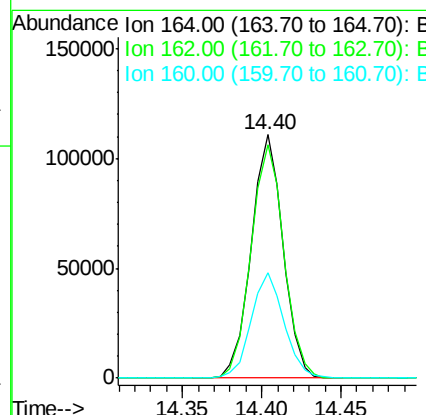
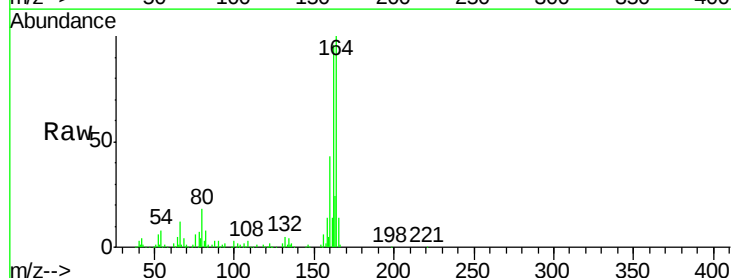
Instrument :
 BNA_G
 ClientSampleId :
 PS-30A(20-25)

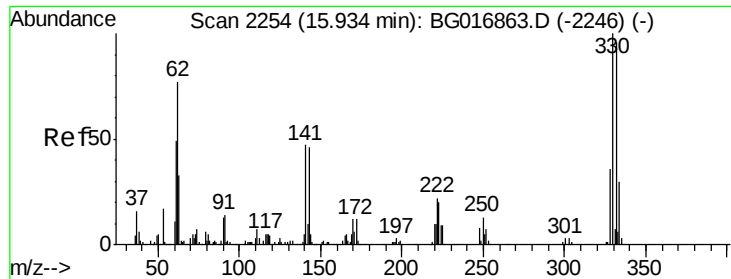
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.9	33.2	49.8
54	62.2	48.6	72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.40 min Scan# 1994
 Delta R.T. -0.00 min
 Lab File: BG017059.D
 Acq: 11 May 2015 18:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.8	74.0	111.0
160	43.5	34.7	52.1

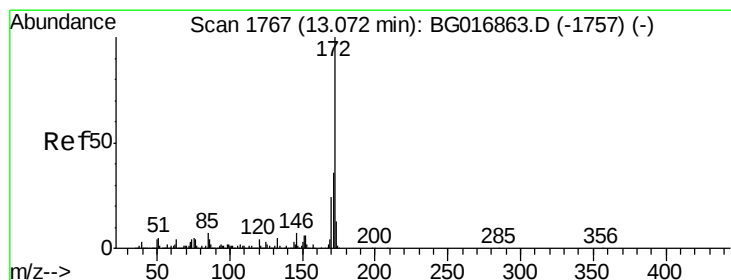
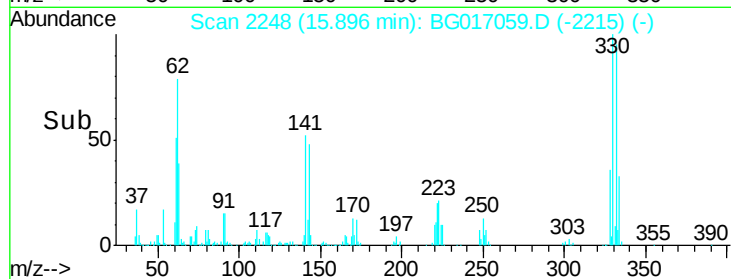
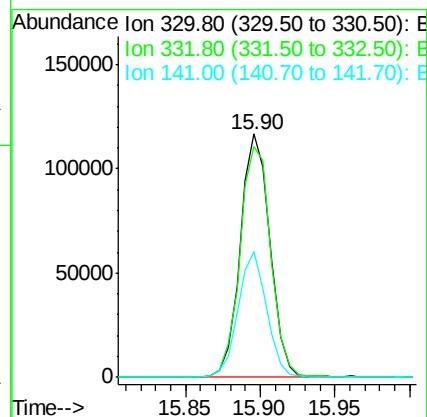
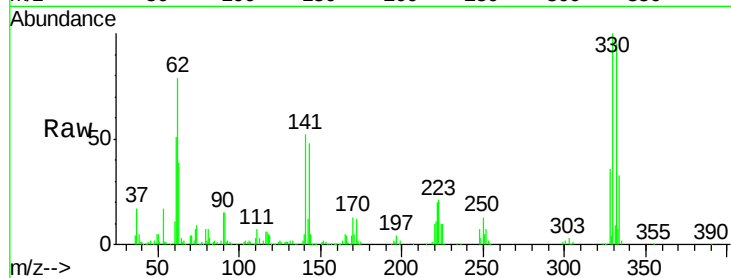




#41
 2,4,6-Tribromophenol
 Concen: 103.87 ng
 RT: 15.90 min Scan# 2248
 Delta R.T. -0.01 min
 Lab File: BG017059.D
 Acq: 11 May 2015 18:36

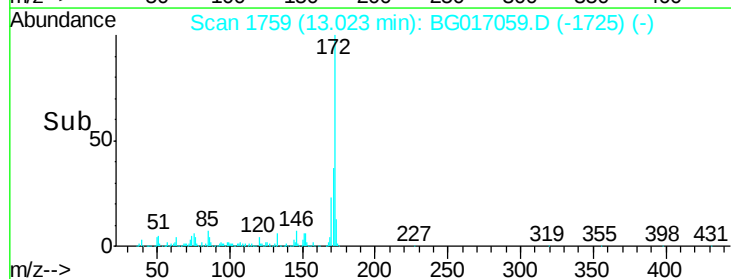
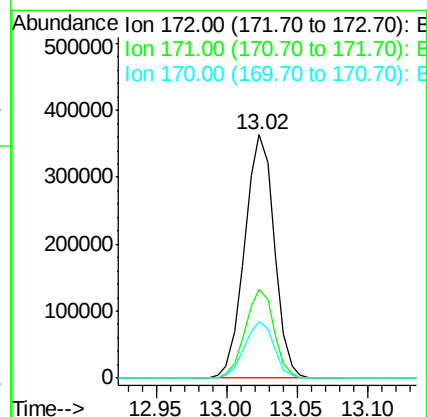
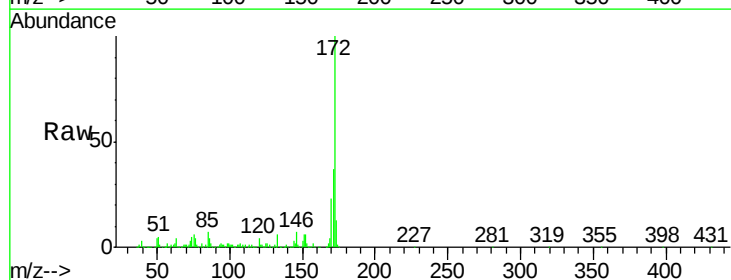
Instrument :
 BNA_G
 ClientSampleId :
 PS-30A(20-25)

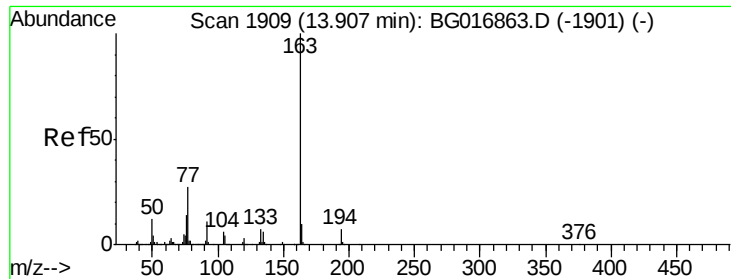
Tgt Ion:330 Resp: 161207
 Ion Ratio Lower Upper
 330 100
 332 98.5 0.0 0.0#
 141 50.2 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 52.14 ng
 RT: 13.02 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BG017059.D
 Acq: 11 May 2015 18:36

Tgt Ion:172 Resp: 534130
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.0 43.4
 170 23.3 19.0 28.4





#49

Dimethylphthalate

Concen: 2.17 ng

RT: 13.86 min Scan# 1902

Delta R.T. -0.01 min

Lab File: BG017059.D

Acq: 11 May 2015 18:36

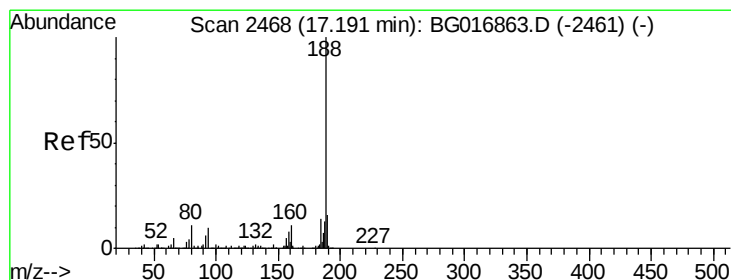
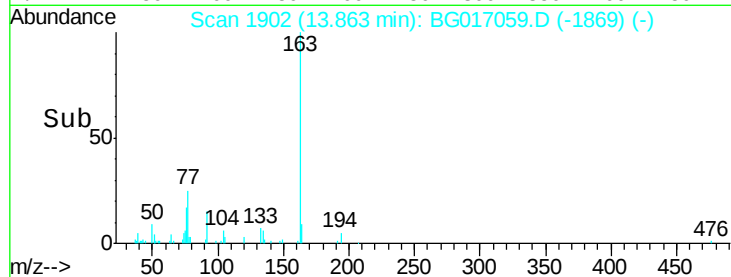
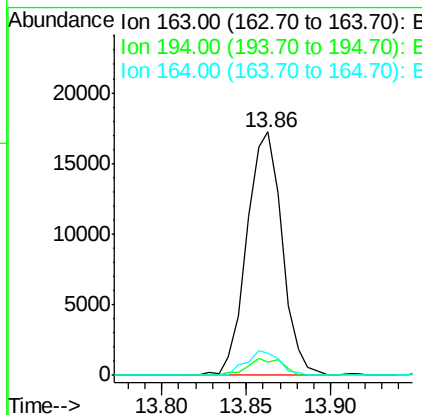
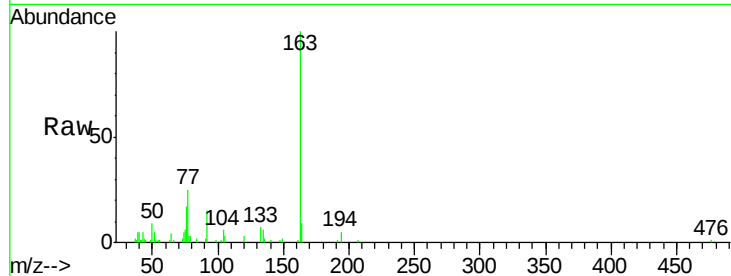
Instrument :

BNA_G

ClientSampleId :

PS-30A(20-25)

Tgt Ion:	163	Resp:	25047
Ion Ratio		Lower	Upper
163	100		
194	5.4	5.2	7.8
164	9.3	8.4	12.6



#63

Phenanthrene-d10

Concen: 20.00 ng

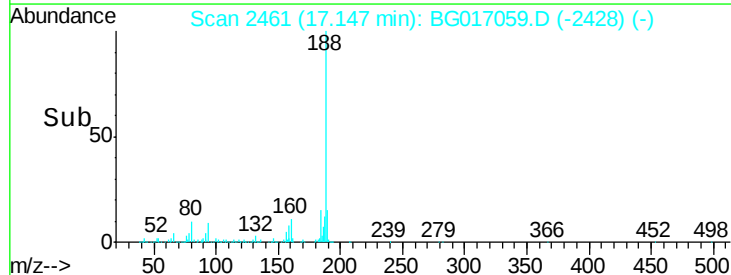
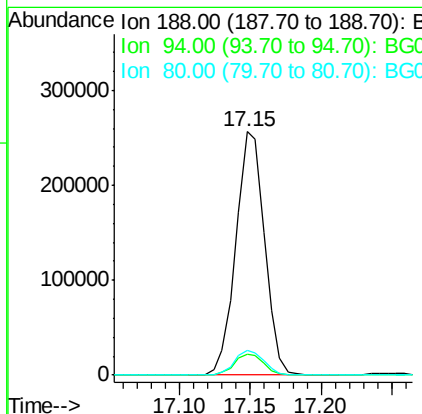
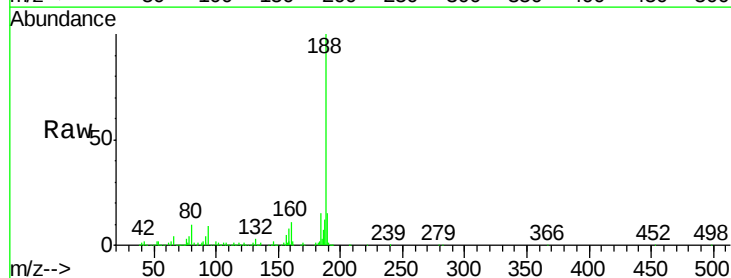
RT: 17.15 min Scan# 2461

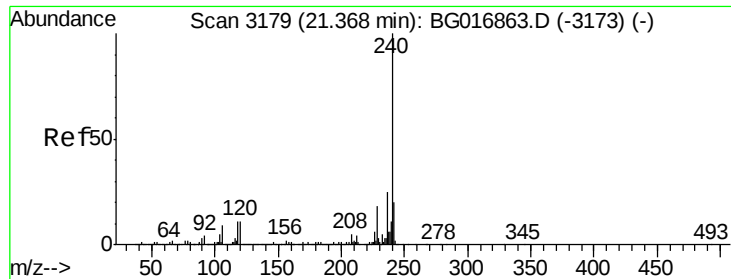
Delta R.T. -0.01 min

Lab File: BG017059.D

Acq: 11 May 2015 18:36

Tgt Ion:	188	Resp:	363536
Ion Ratio		Lower	Upper
188	100		
94	8.7	8.2	12.4
80	10.3	8.8	13.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.33 min Scan# 3173

Delta R.T. -0.01 min

Lab File: BG017059.D

Acq: 11 May 2015 18:36

Instrument :

BNA_G

ClientSampleId :

PS-30A(20-25)

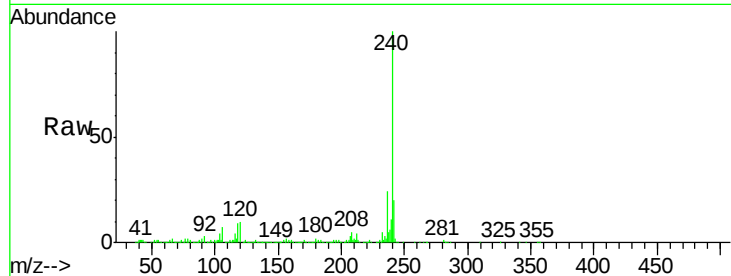
Tgt Ion:240 Resp: 404841

Ion Ratio Lower Upper

240 100

120 9.7 9.1 13.7

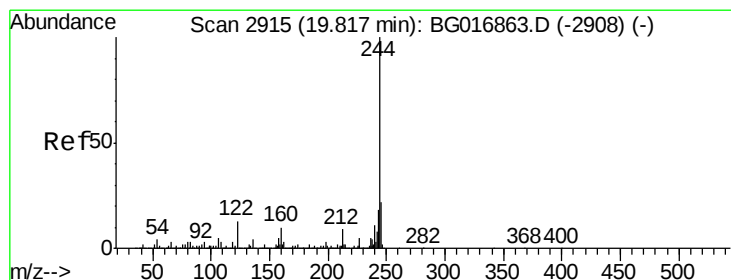
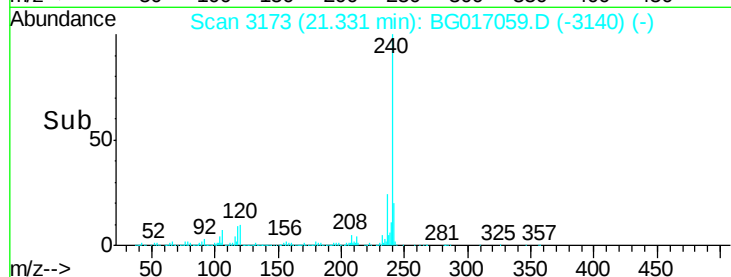
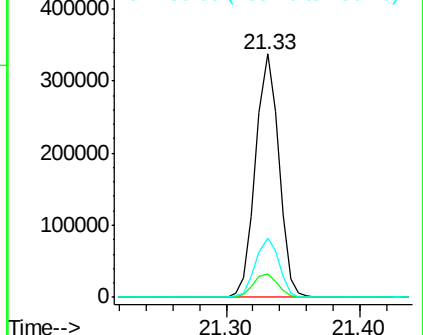
236 24.3 20.2 30.4



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: 51.25 ng

RT: 19.78 min Scan# 2909

Delta R.T. -0.01 min

Lab File: BG017059.D

Acq: 11 May 2015 18:36

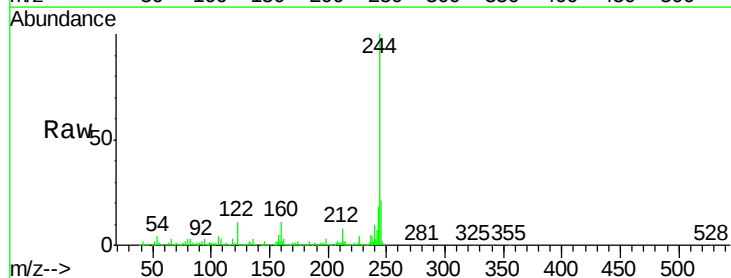
Tgt Ion:244 Resp: 885127

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.6

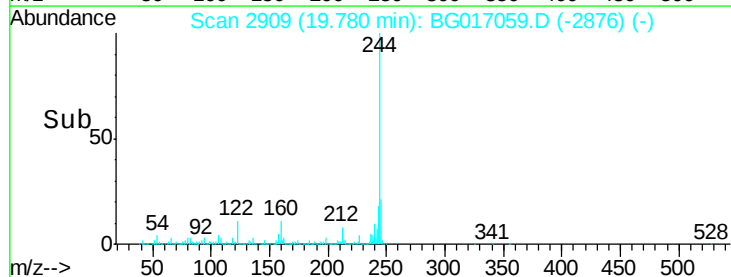
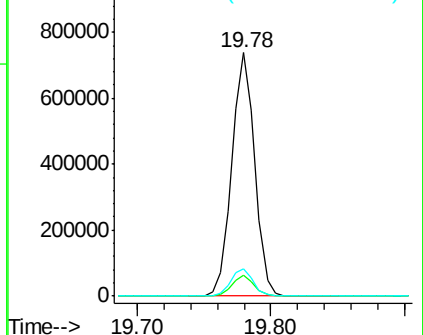
122 11.1 10.4 15.6

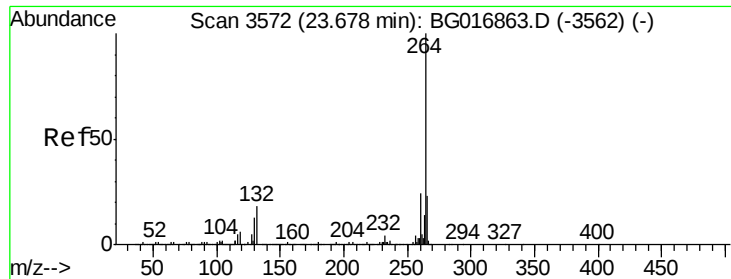


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3562
Delta R.T. -0.01 min
Lab File: BG017059.D
Acq: 11 May 2015 18:36

Instrument :
BNA_G
ClientSampleId :
PS-30A(20-25)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.9	18.5	27.7

