

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051115\
 Data File : BG017058.D
 Acq On : 11 May 2015 18:01
 Operator : TP/IZ
 Sample : G2176-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PS-29(20-25)

Quant Time: May 12 04:18:31 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

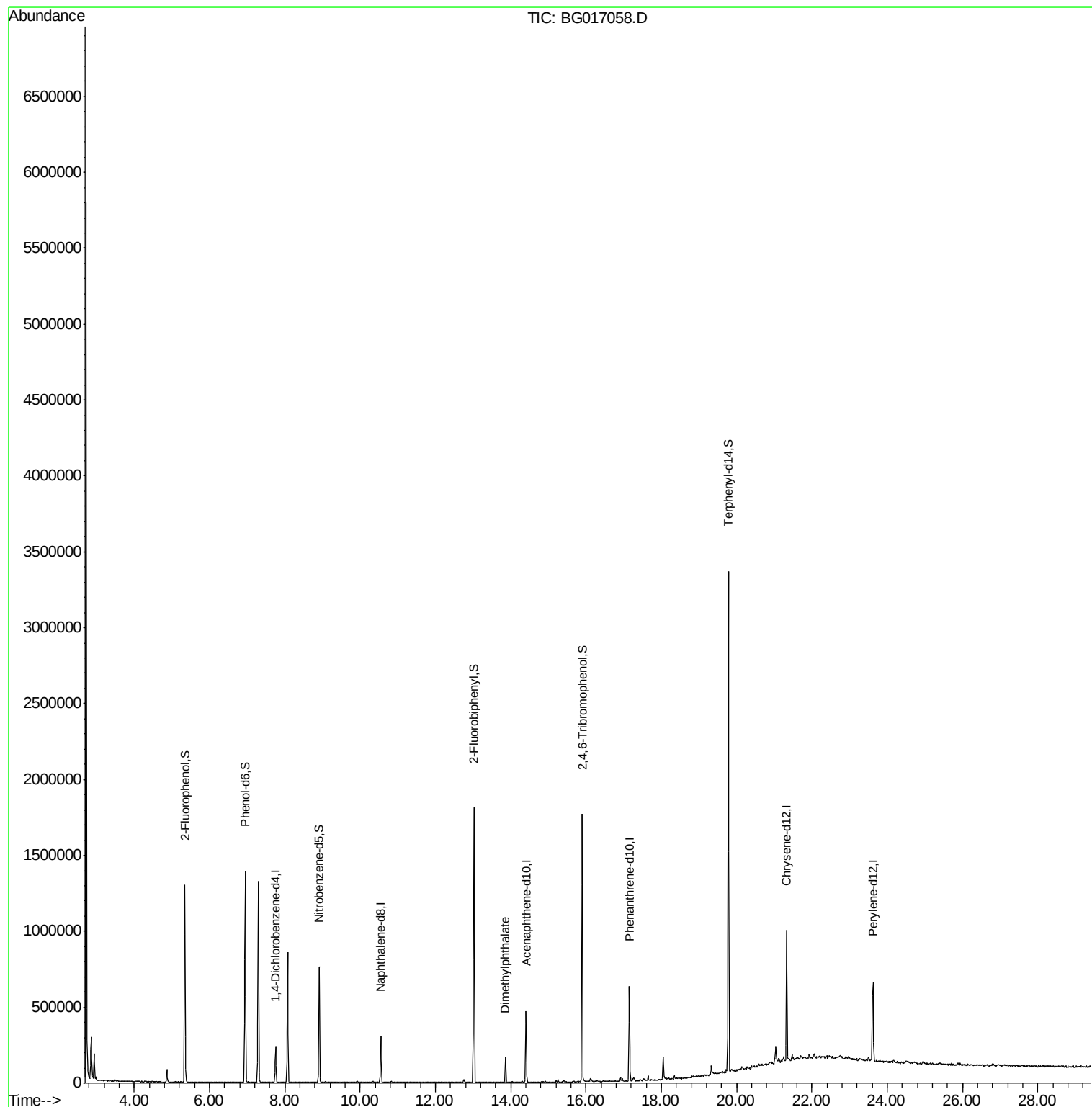
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	53888	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	225248	20.00	ng	0.00
38) Acenaphthene-d10	14.40	164	148687	20.00	ng	0.00
63) Phenanthrene-d10	17.15	188	339156	20.00	ng	0.00
75) Chrysene-d12	21.33	240	363445	20.00	ng	0.00
86) Perylene-d12	23.62	264	361621	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	459096	148.34	ng	0.00
7) Phenol-d6	6.95	99	617371	139.63	ng	0.00
23) Nitrobenzene-d5	8.91	82	402322	87.26	ng	0.00
41) 2,4,6-Tribromophenol	15.90	330	255019	170.85	ng	0.00
44) 2-Fluorobiphenyl	13.02	172	810479	82.26	ng	0.00
78) Terphenyl-d14	19.78	244	1276059	82.31	ng	0.00
Target Compounds						
32) Benzoic acid	9.79	122	54	Below Cal	Qvalue #	1
49) Dimethylphthalate	13.86	163	93201	8.39 ng		98

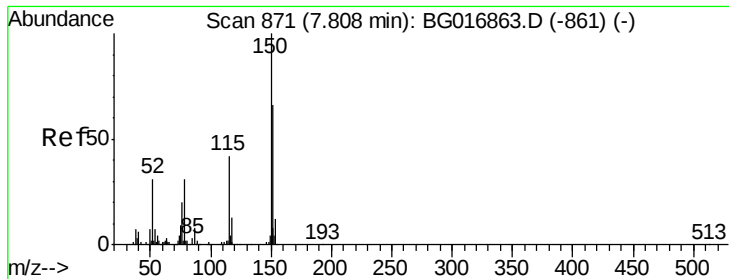
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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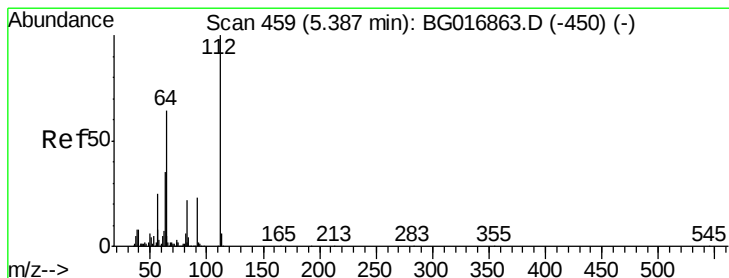
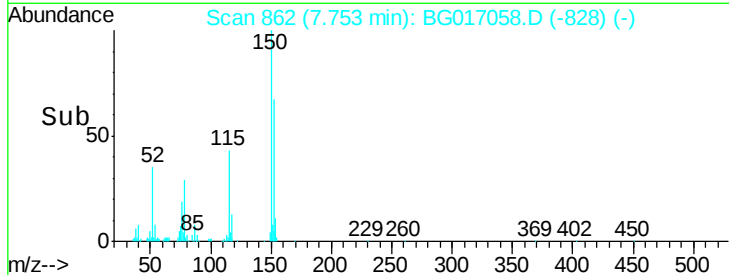
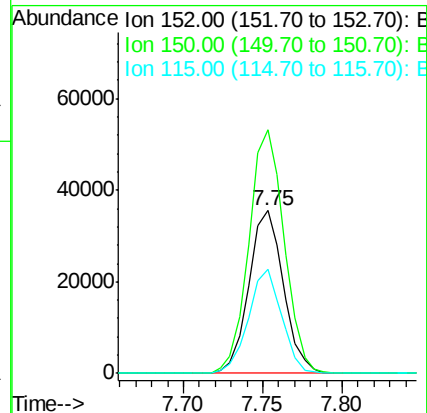
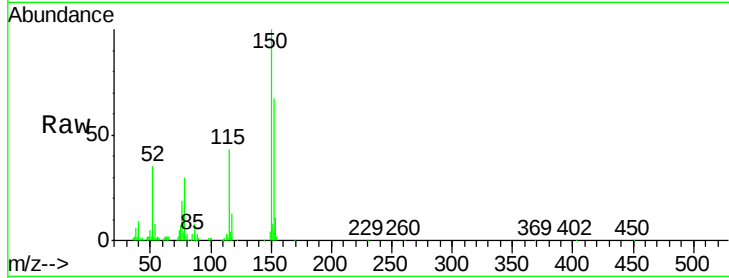


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.75 min Scan# 862
Delta R.T. -0.00 min
Lab File: BG017058.D
Acq: 11 May 2015 18:01

Instrument :
BNA_G
ClientSampleId :
PS-29(20-25)

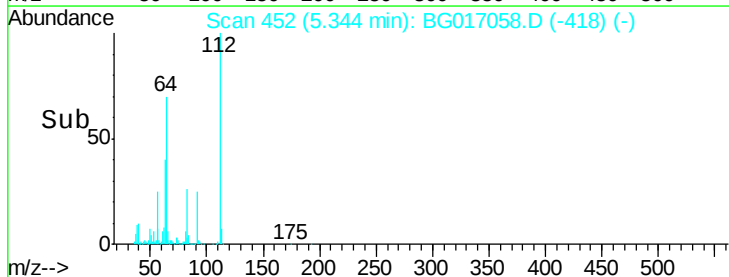
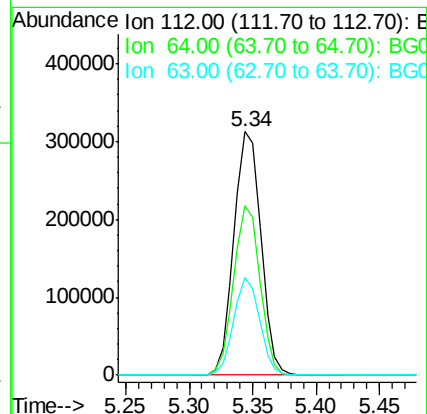
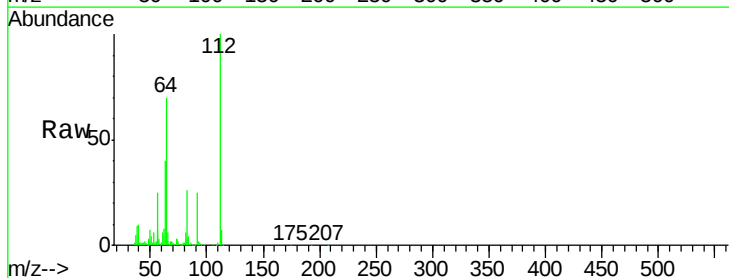
Tgt Ion:152 Resp: 53888
Ion Ratio Lower Upper
152 100
150 150.0 121.0 181.4
115 64.2 50.5 75.7

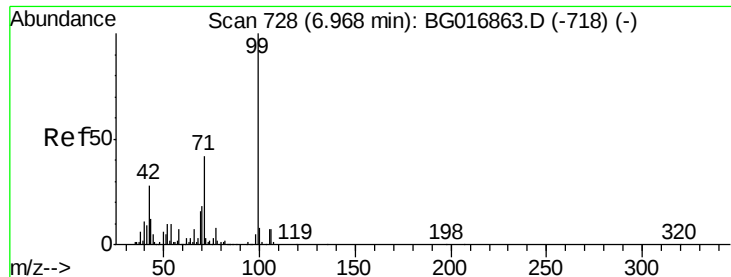


#5

2-Fluorophenol
Concen: 148.34 ng
RT: 5.34 min Scan# 452
Delta R.T. -0.00 min
Lab File: BG017058.D
Acq: 11 May 2015 18:01

Tgt Ion:112 Resp: 459096
Ion Ratio Lower Upper
112 100
64 69.5 51.4 77.2
63 40.0 28.1 42.1





#7

Phenol-d6

Concen: 139.63 ng

RT: 6.95 min Scan# 725

Delta R.T. 0.00 min

Lab File: BG017058.D

Acq: 11 May 2015 18:01

Instrument :

BNA_G

ClientSampleId :

PS-29(20-25)

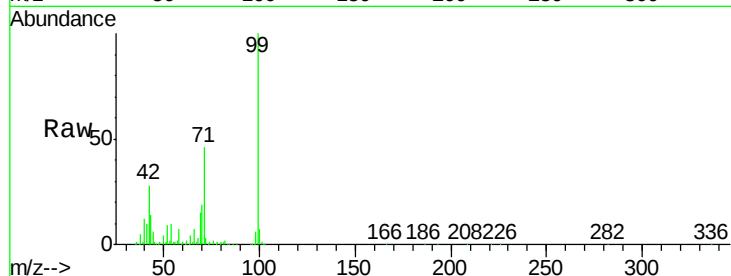
Tgt Ion: 99 Resp: 617371

Ion Ratio Lower Upper

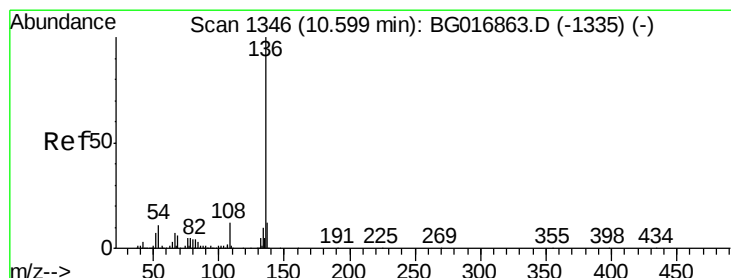
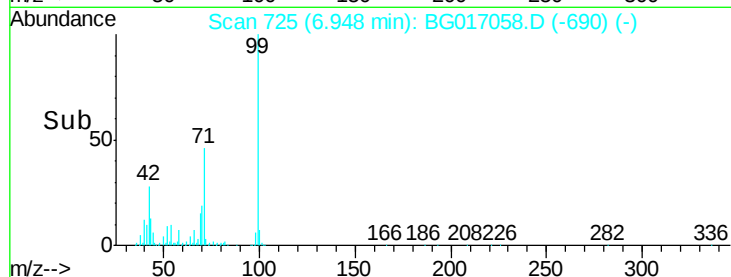
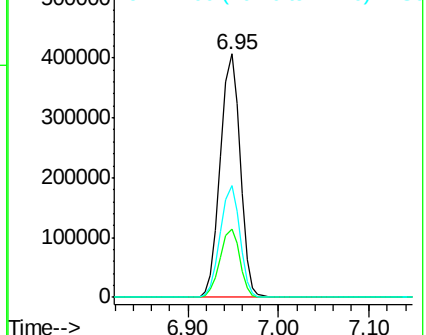
99 100

42 27.8 22.1 33.1

71 46.2 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: BG017058.D

Acq: 11 May 2015 18:01

Tgt Ion: 136 Resp: 225248

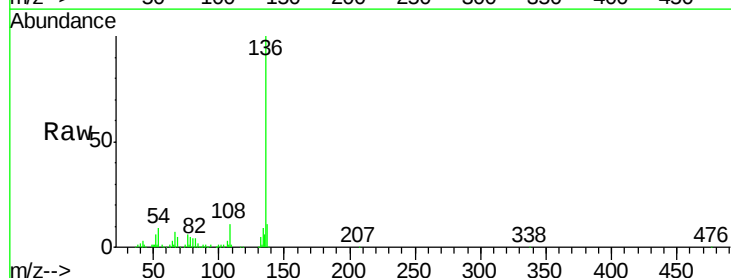
Ion Ratio Lower Upper

136 100

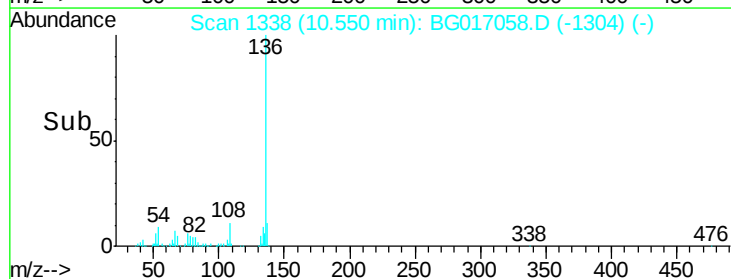
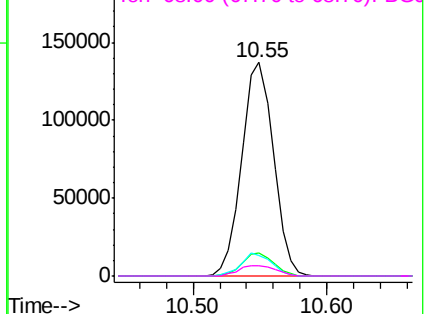
137 10.9 9.8 14.8

54 9.4 8.7 13.1

68 4.9 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

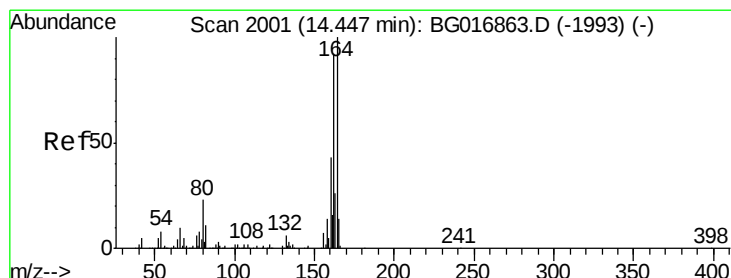
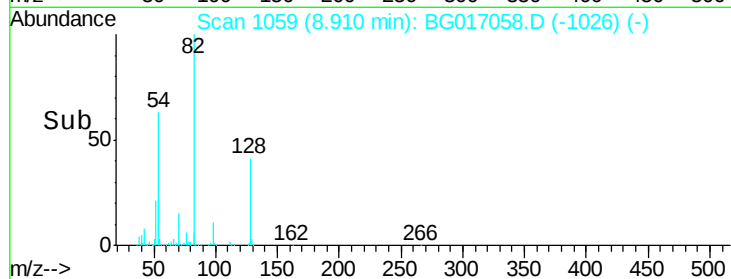
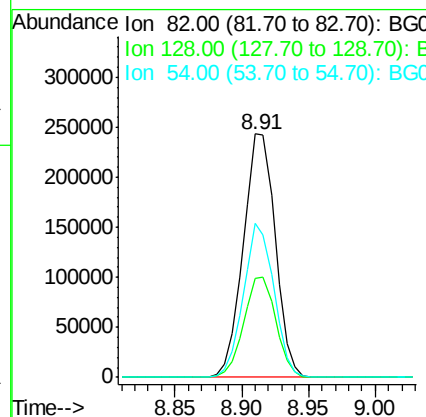
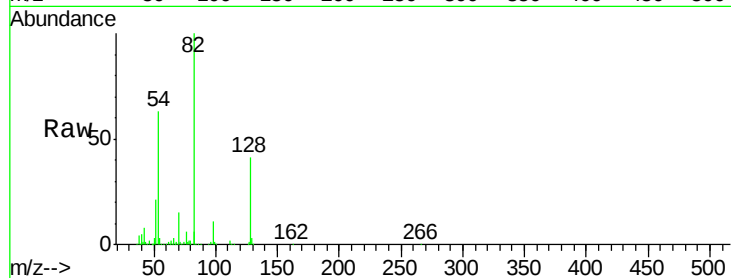




#23
 Nitrobenzene-d5
 Concen: 87.26 ng
 RT: 8.91 min Scan# 1059
 Delta R.T. -0.01 min
 Lab File: BG017058.D
 Acq: 11 May 2015 18:01

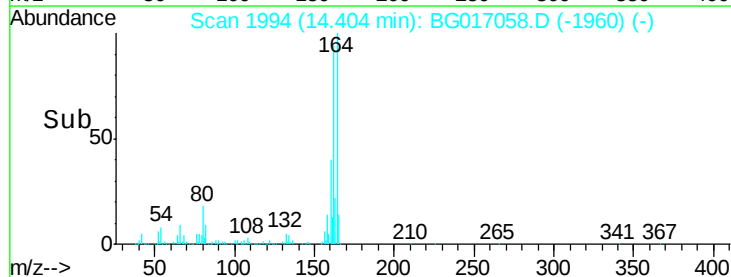
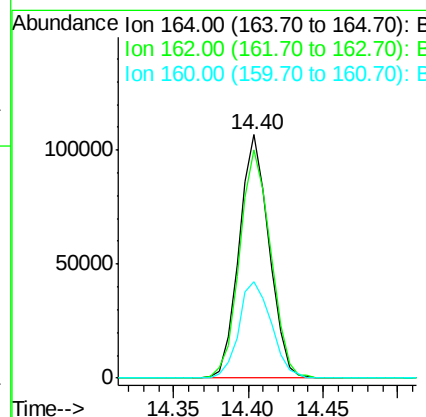
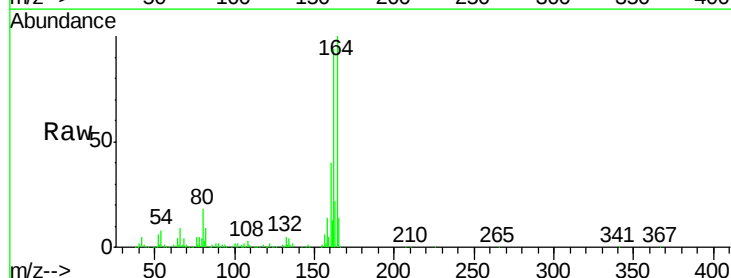
Instrument :
 BNA_G
 ClientSampleId :
 PS-29(20-25)

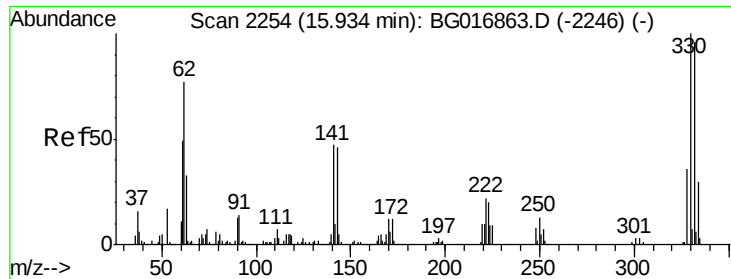
Tgt Ion: 82 Resp: 402322
 Ion Ratio Lower Upper
 82 100
 128 40.5 33.2 49.8
 54 63.1 48.6 72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.40 min Scan# 1994
 Delta R.T. -0.00 min
 Lab File: BG017058.D
 Acq: 11 May 2015 18:01

Tgt Ion: 164 Resp: 148687
 Ion Ratio Lower Upper
 164 100
 162 94.0 74.0 111.0
 160 39.6 34.7 52.1

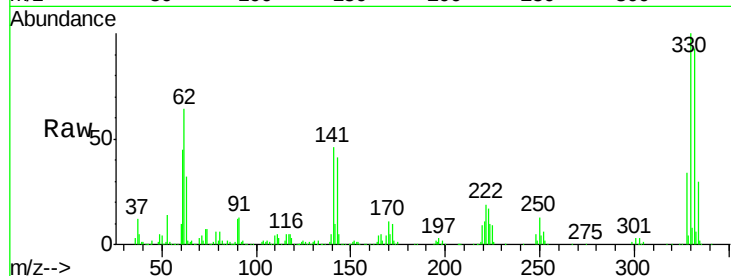




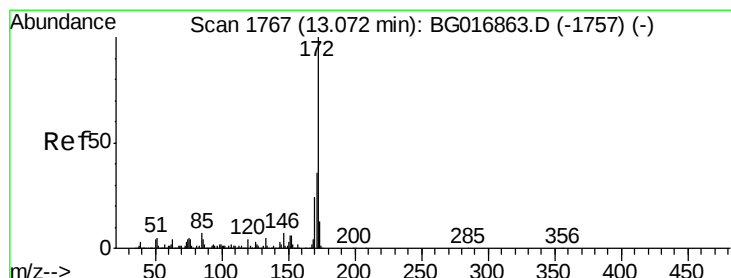
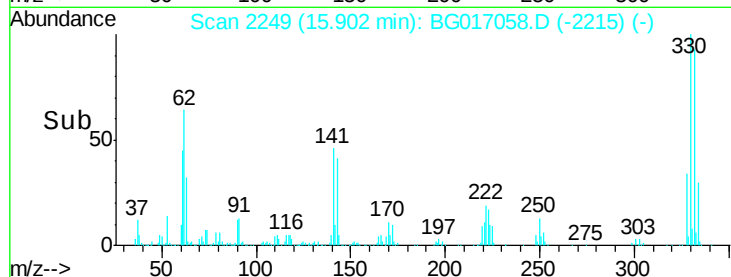
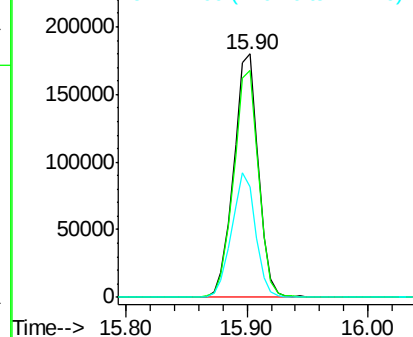
#41
 2,4,6-Tribromophenol
 Concen: 170.85 ng
 RT: 15.90 min Scan# 2249
 Delta R.T. -0.00 min
 Lab File: BG017058.D
 Acq: 11 May 2015 18:01

Instrument :
 BNA_G
 ClientSampleId :
 PS-29(20-25)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.4	0.0	0.0#
141	49.7	0.0	0.0#

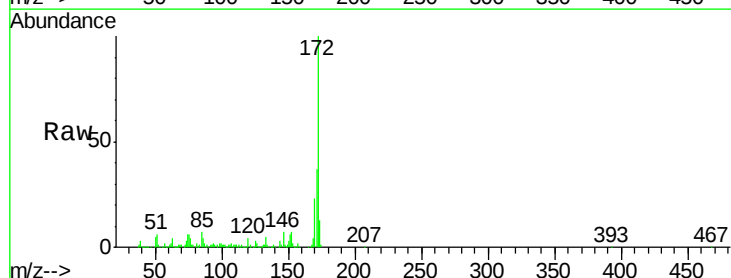


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

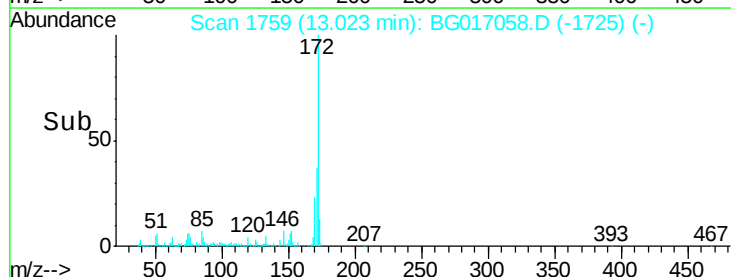
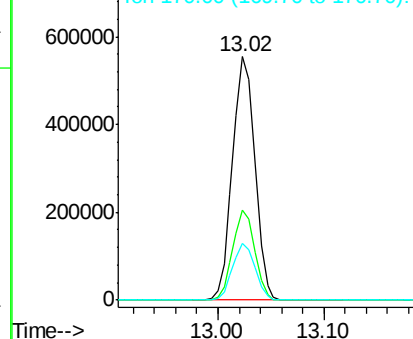


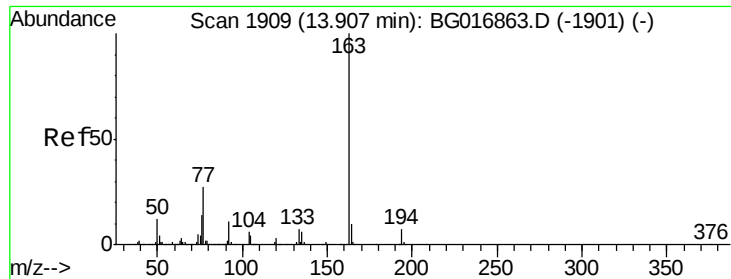
#44
 2-Fluorobiphenyl
 Concen: 82.26 ng
 RT: 13.02 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BG017058.D
 Acq: 11 May 2015 18:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.0	43.4
170	23.5	19.0	28.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 8.39 ng

RT: 13.86 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BG017058.D

Acq: 11 May 2015 18:01

Instrument :

BNA_G

ClientSampleId :

PS-29(20-25)

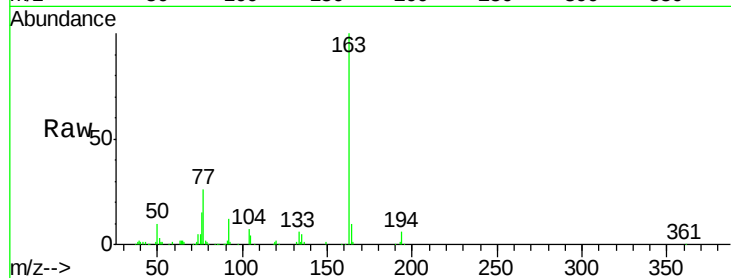
Tgt Ion:163 Resp: 93201

Ion Ratio Lower Upper

163 100

194 6.1 5.2 7.8

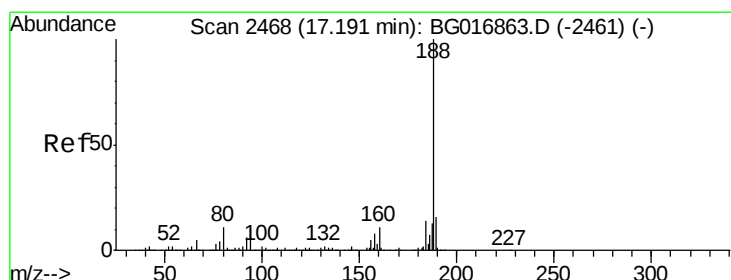
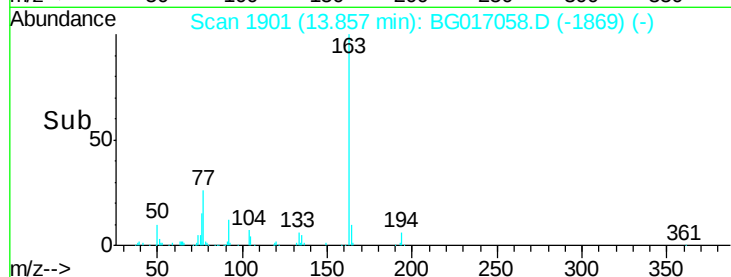
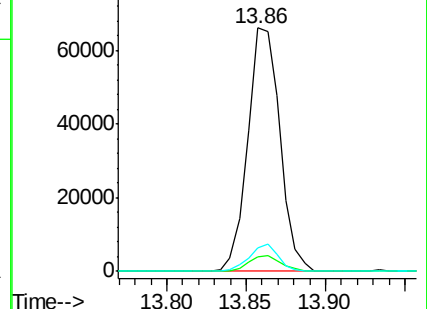
164 9.8 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.15 min Scan# 2462

Delta R.T. -0.00 min

Lab File: BG017058.D

Acq: 11 May 2015 18:01

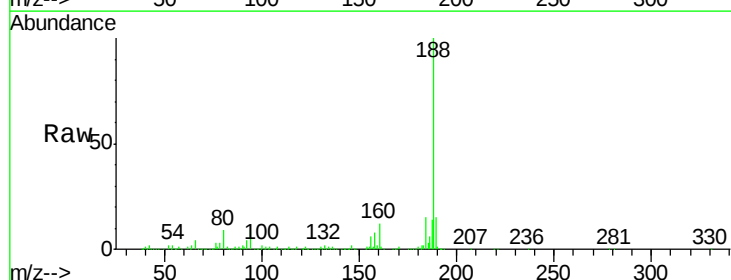
Tgt Ion:188 Resp: 339156

Ion Ratio Lower Upper

188 100

94 8.6 8.2 12.4

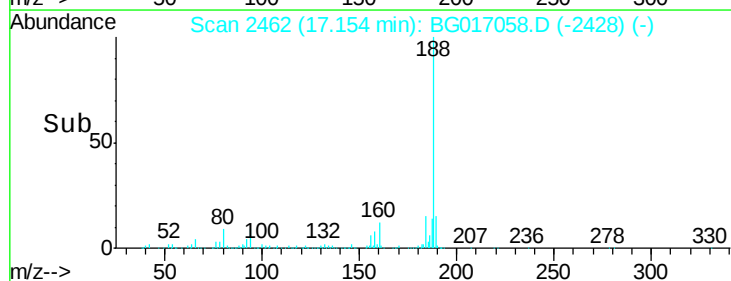
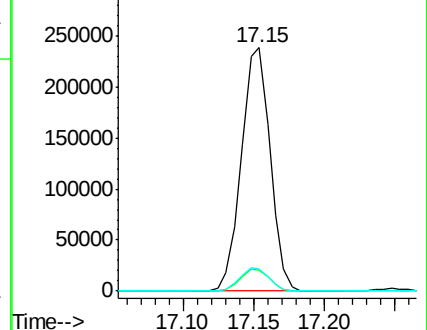
80 9.0 8.8 13.2

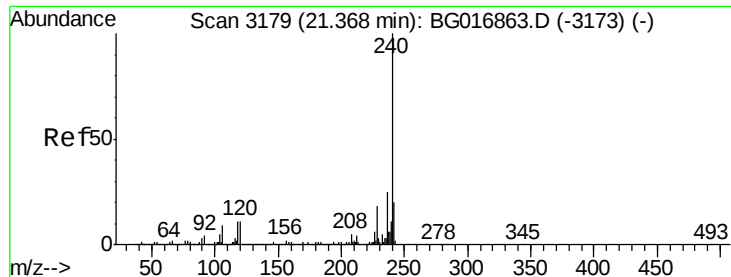


Abundance Ion 188.00 (187.70 to 188.70): E

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. -0.01 min

Lab File: BG017058.D

Acq: 11 May 2015 18:01

Instrument :

BNA_G

ClientSampleId :

PS-29(20-25)

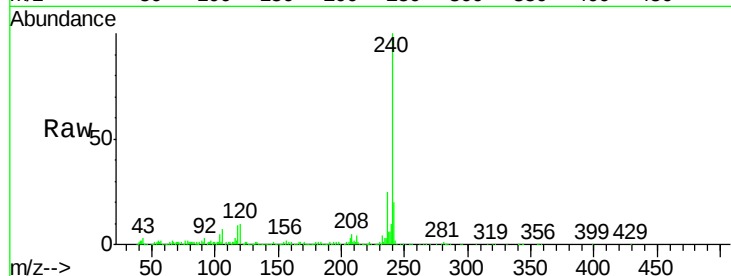
Tgt Ion:240 Resp: 363445

Ion Ratio Lower Upper

240 100

120 10.3 9.1 13.7

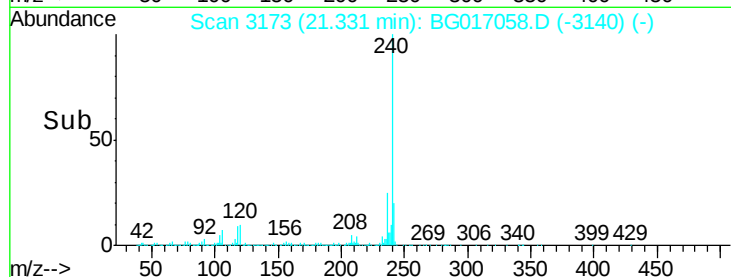
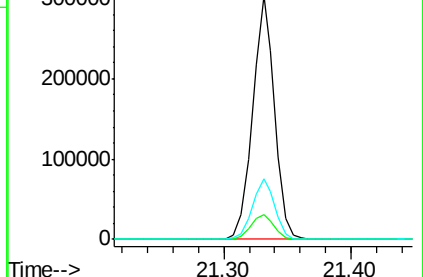
236 24.9 20.2 30.4



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: 82.31 ng

RT: 19.78 min Scan# 2909

Delta R.T. -0.01 min

Lab File: BG017058.D

Acq: 11 May 2015 18:01

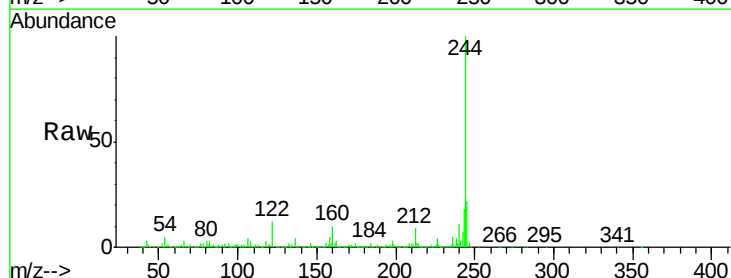
Tgt Ion:244 Resp: 1276059

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

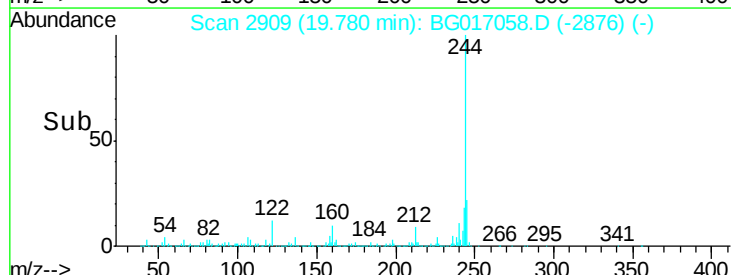
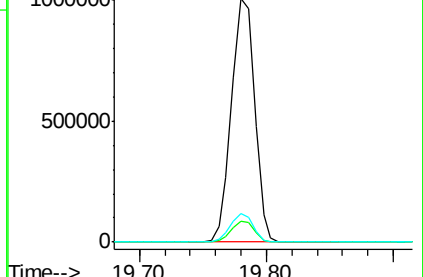
122 11.6 10.4 15.6

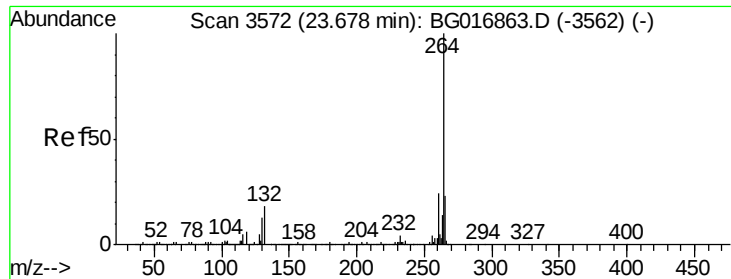


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

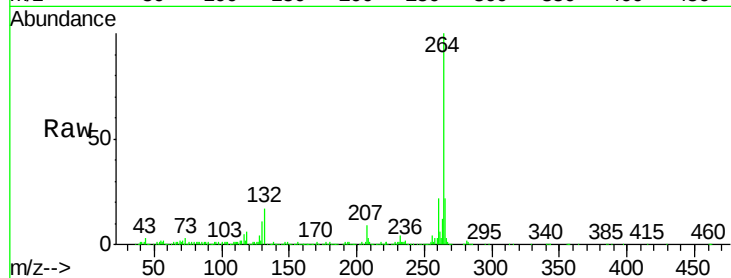




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.62 min Scan# 3562
Delta R.T. -0.01 min
Lab File: BG017058.D
Acq: 11 May 2015 18:01

Instrument :
BNA_G
ClientSampleId :
PS-29(20-25)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.8	19.5	29.3
265	22.2	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

