

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
 Data File : BG017026.D
 Acq On : 10 May 2015 14:53
 Operator : TP/IZ
 Sample : PB83231BL
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83231BL

Quant Time: May 11 01:32:36 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	7.79	152	46403	20.00	ng	-0.02
21) Naphthalene-d8	10.58	136	200476	20.00	ng	-0.02
38) Acenaphthene-d10	14.43	164	132751	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	336595	20.00	ng	-0.02
75) Chrysene-d12	21.34	240	350456	20.00	ng	-0.03
86) Perylene-d12	23.64	264	347115	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	408090	153.13	ng	0.00
7) Phenol-d6	6.97	99	556175	146.08	ng	0.00
23) Nitrobenzene-d5	8.95	82	354070	86.28	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	238076	178.64	ng	-0.01
44) 2-Fluorobiphenyl	13.05	172	740366	84.16	ng	-0.03
78) Terphenyl-d14	19.80	244	1399611	93.62	ng	-0.02

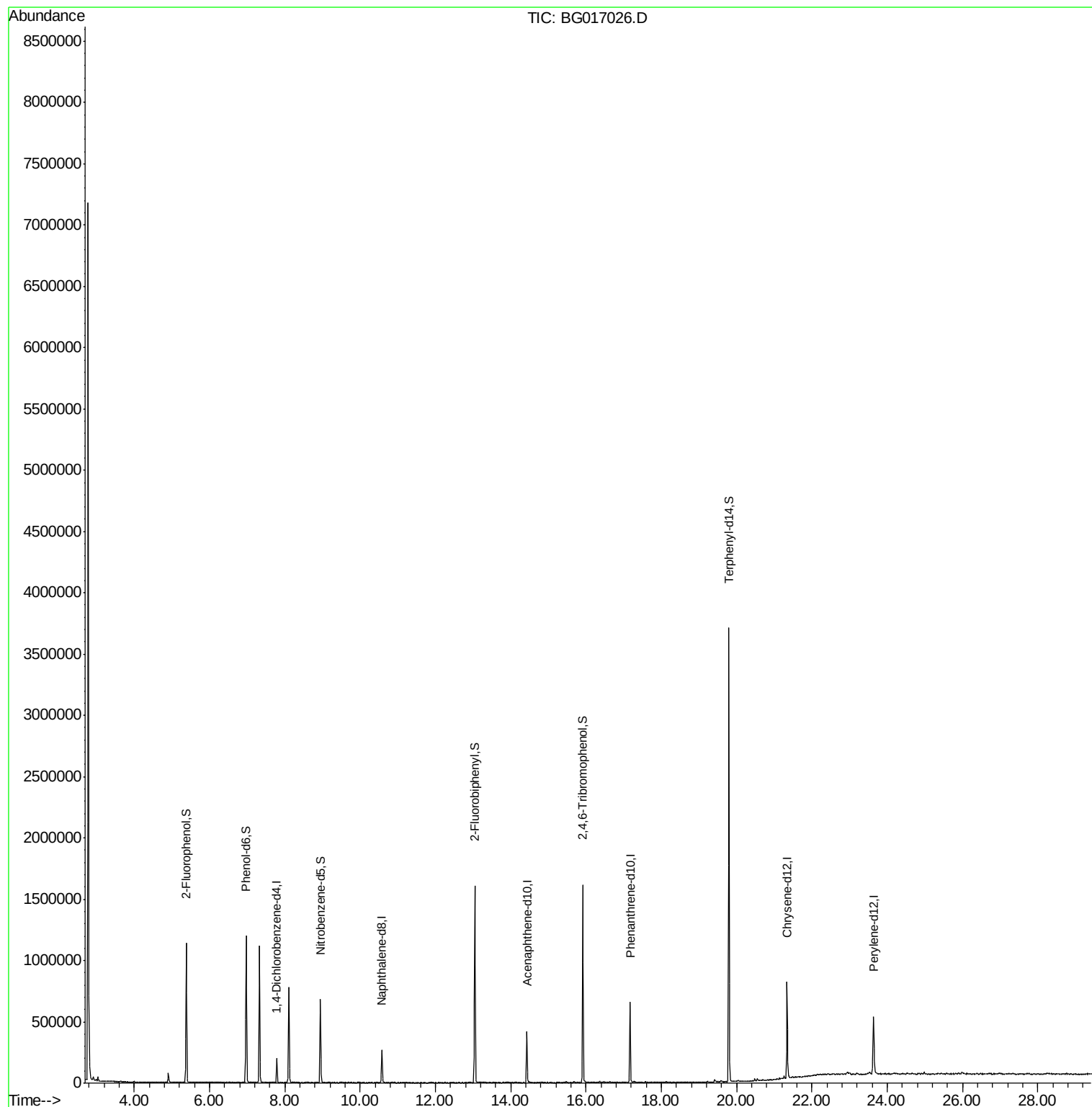
Target Compounds	Qvalue
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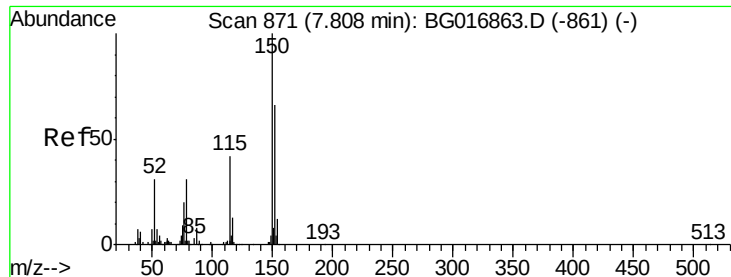
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.79 min Scan# 868

Delta R.T. -0.02 min

Lab File: BG017026.D

Acq: 10 May 2015 14:53

Instrument :

BNA_G

ClientSampleId :

PB83231BL

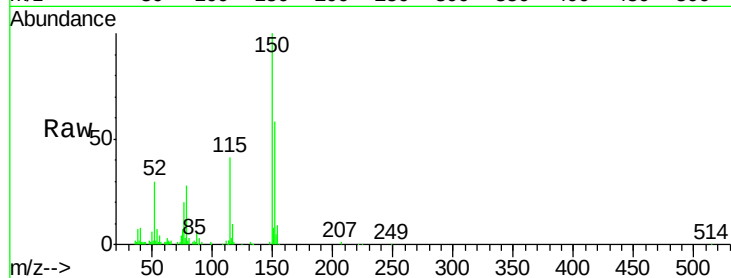
Tgt Ion:152 Resp: 46403

Ion Ratio Lower Upper

152 100

150 172.2 121.0 181.4

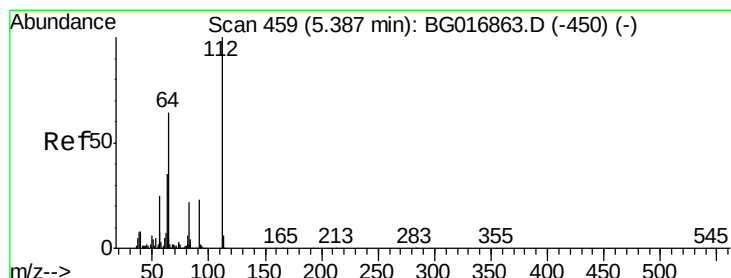
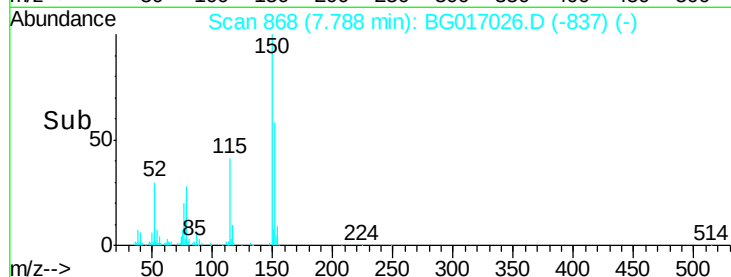
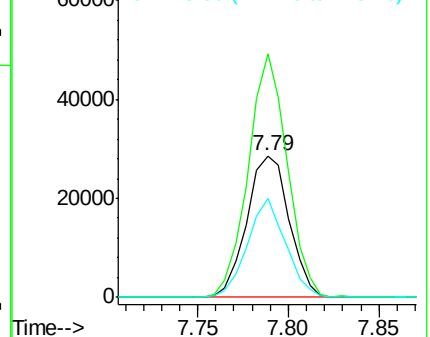
115 69.9 50.5 75.7



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: 153.13 ng

RT: 5.39 min Scan# 459

Delta R.T. -0.00 min

Lab File: BG017026.D

Acq: 10 May 2015 14:53

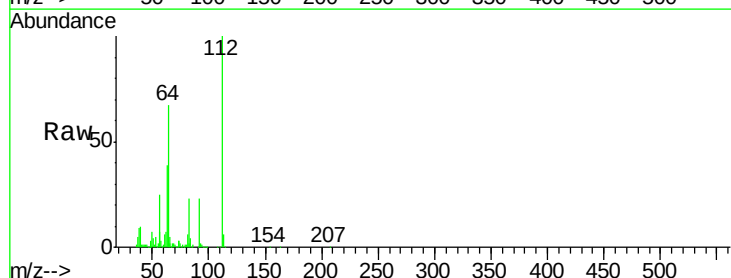
Tgt Ion:112 Resp: 408090

Ion Ratio Lower Upper

112 100

64 66.7 51.4 77.2

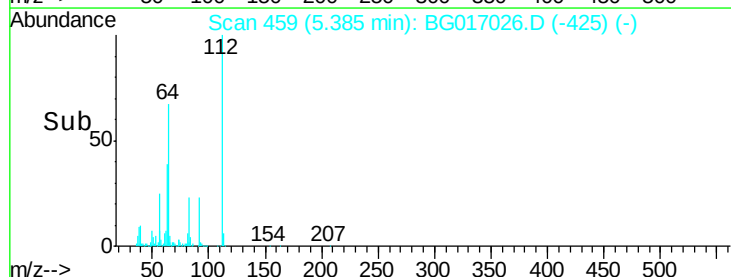
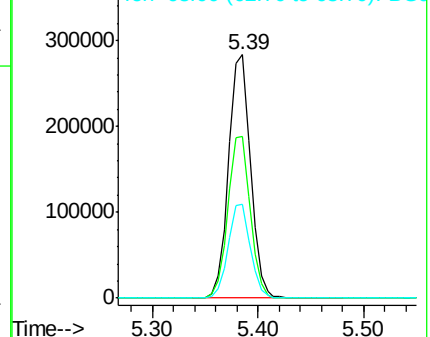
63 38.7 28.1 42.1

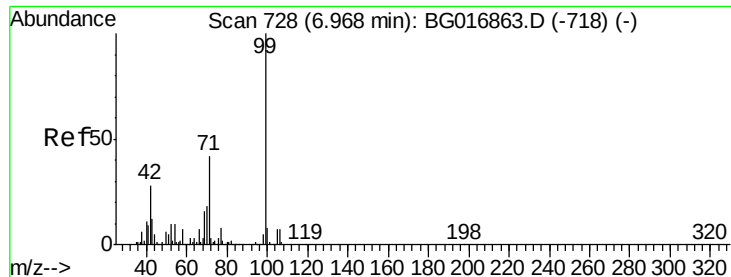


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 146.08 ng

RT: 6.97 min Scan# 729

Delta R.T. 0.00 min

Lab File: BG017026.D

Acq: 10 May 2015 14:53

Instrument :

BNA_G

ClientSampleId :

PB83231BL

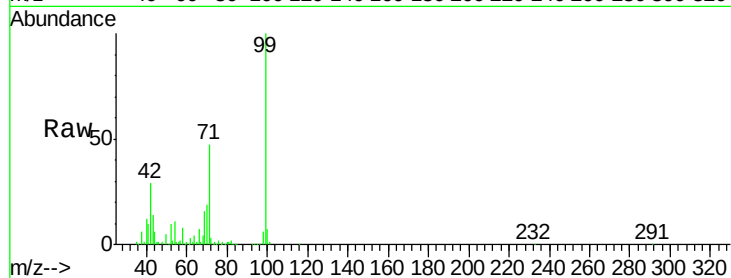
Tgt Ion: 99 Resp: 556175

Ion Ratio Lower Upper

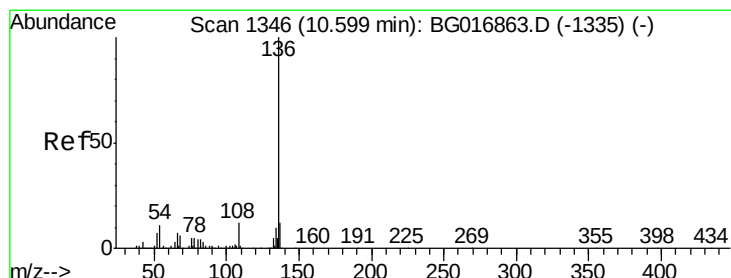
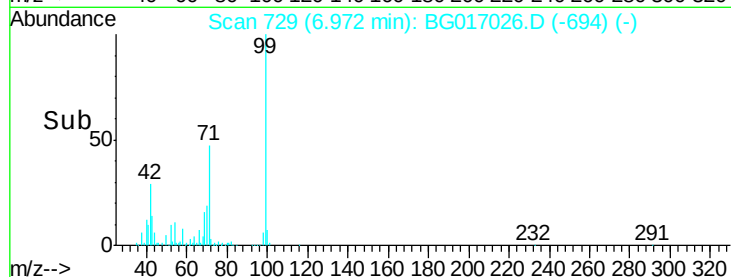
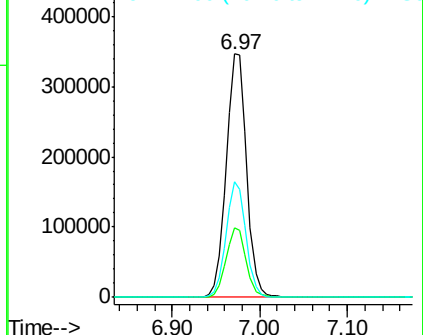
99 100

42 28.8 22.1 33.1

71 47.5 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: 10.58 min Scan# 1343

Delta R.T. -0.02 min

Lab File: BG017026.D

Acq: 10 May 2015 14:53

Tgt Ion: 136 Resp: 200476

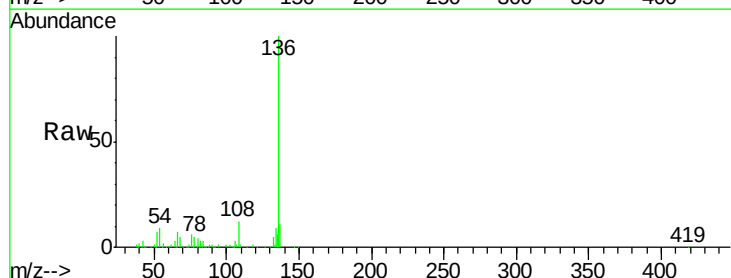
Ion Ratio Lower Upper

136 100

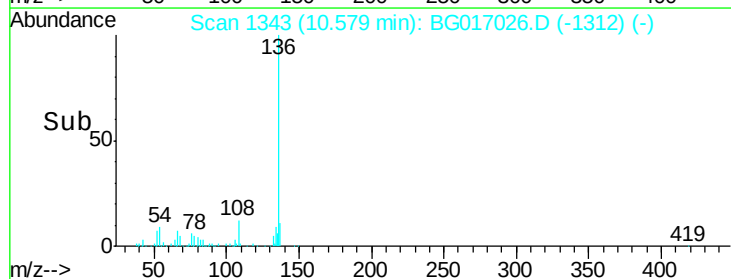
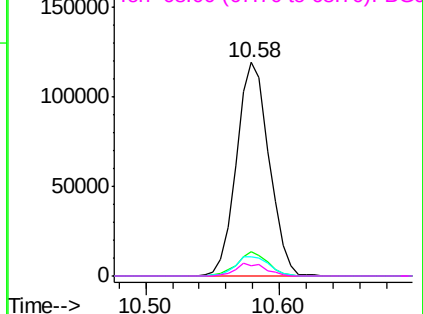
137 11.4 9.8 14.8

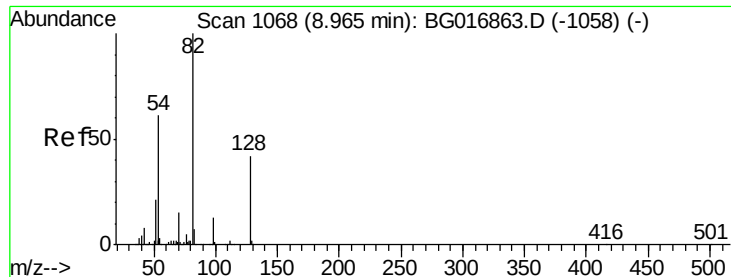
54 9.2 8.7 13.1

68 4.8 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

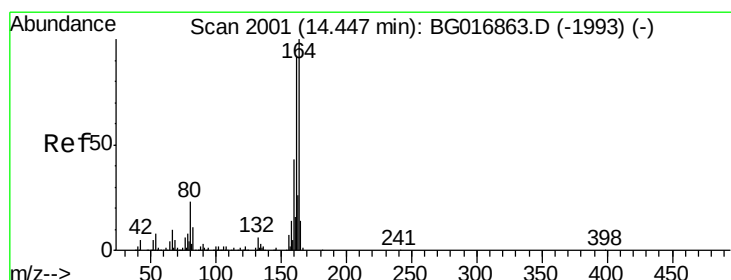
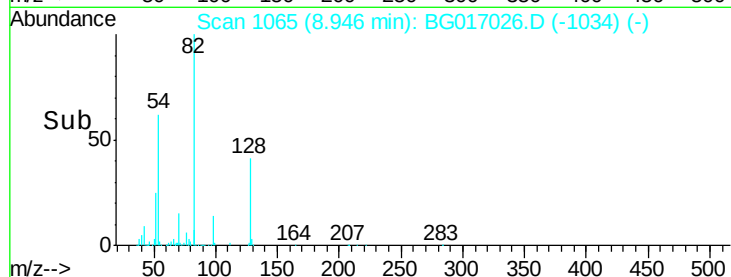
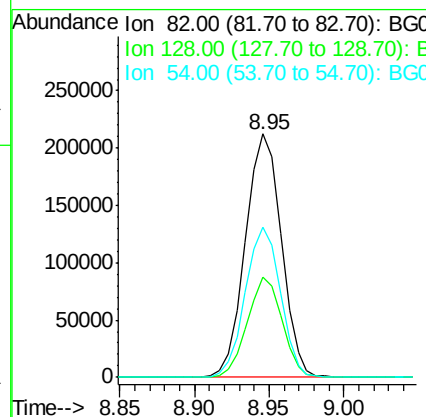
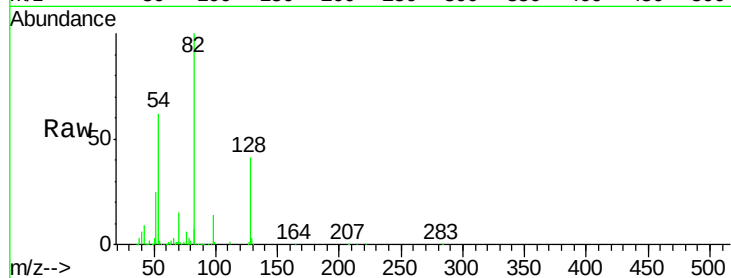




#23
 Nitrobenzene-d5
 Concen: 86.28 ng
 RT: 8.95 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG017026.D
 Acq: 10 May 2015 14:53

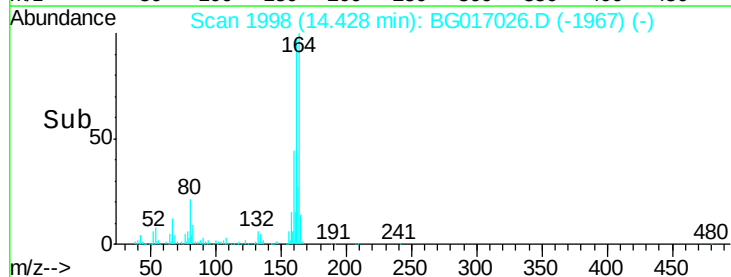
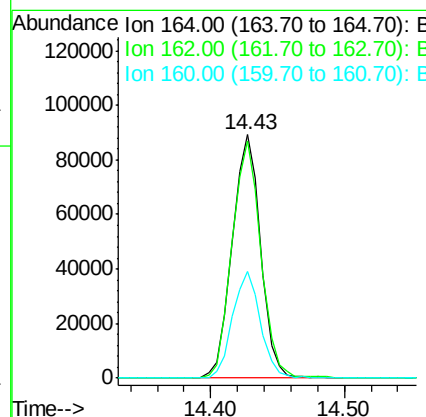
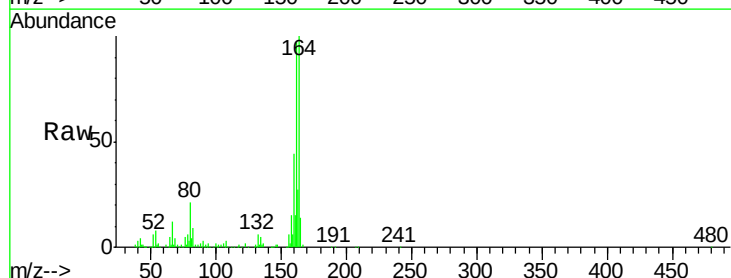
Instrument :
 BNA_G
 ClientSampleId :
 PB83231BL

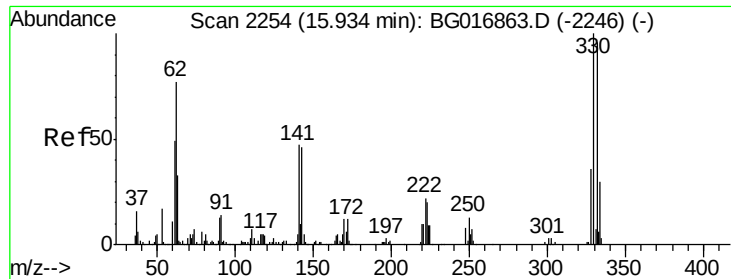
Tgt Ion: 82 Resp: 354070
 Ion Ratio Lower Upper
 82 100
 128 41.0 33.2 49.8
 54 61.8 48.6 72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1998
 Delta R.T. -0.02 min
 Lab File: BG017026.D
 Acq: 10 May 2015 14:53

Tgt Ion: 164 Resp: 132751
 Ion Ratio Lower Upper
 164 100
 162 97.3 74.0 111.0
 160 43.9 34.7 52.1

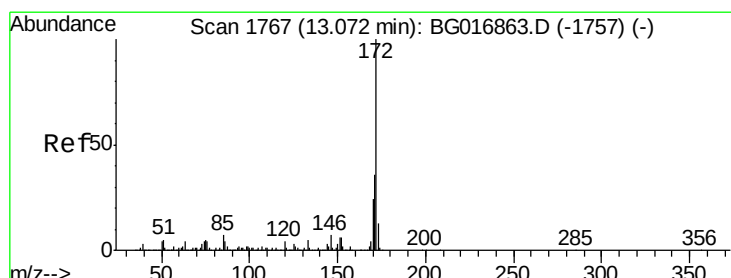
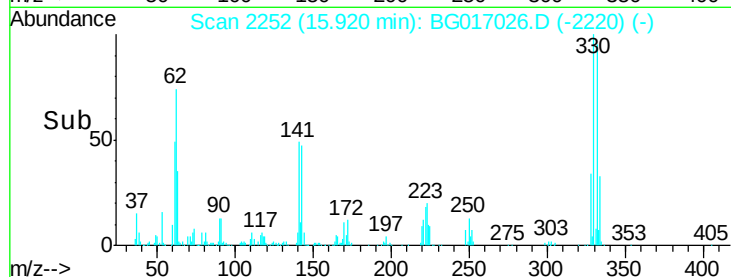
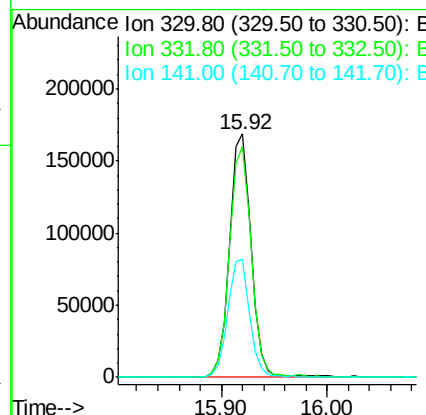
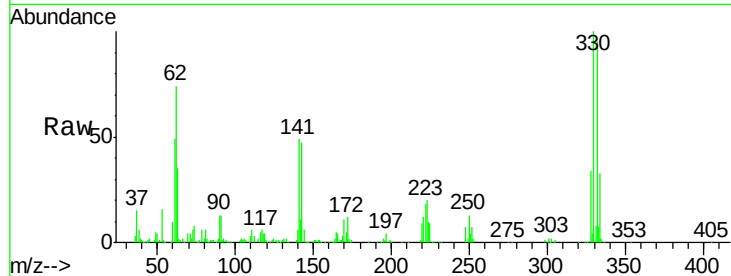




#41
 2,4,6-Tribromophenol
 Concen: 178.64 ng
 RT: 15.92 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: BG017026.D
 Acq: 10 May 2015 14:53

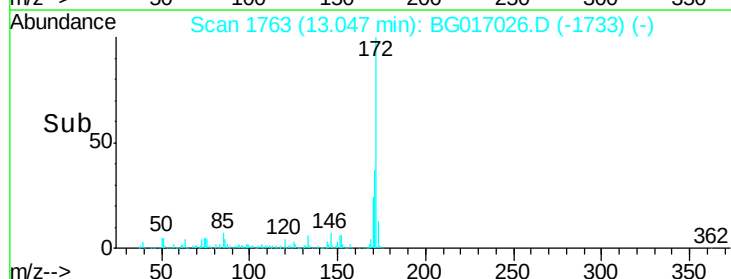
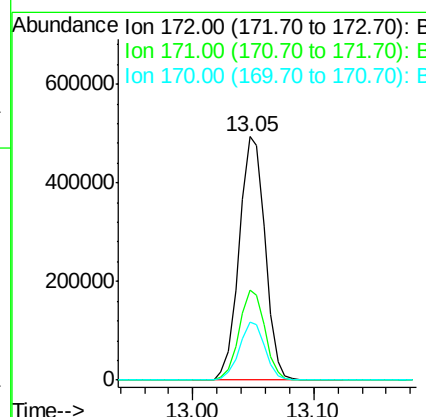
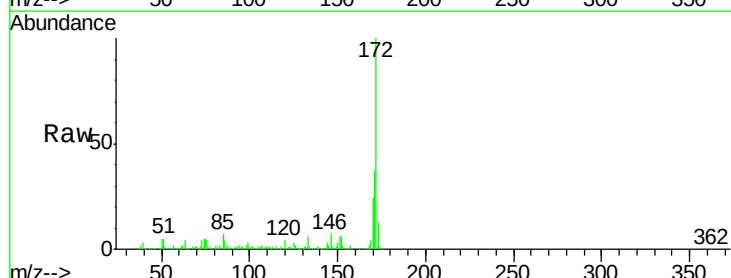
Instrument :
 BNA_G
 ClientSampleId :
 PB83231BL

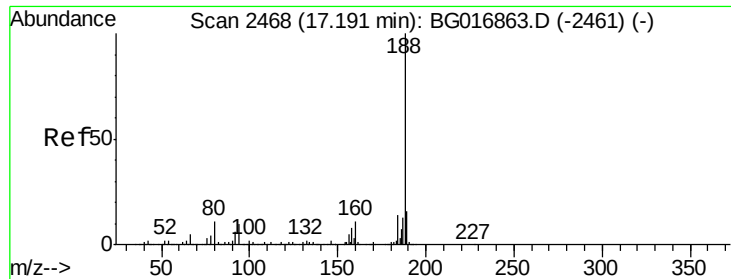
Tgt Ion:330 Resp: 238076
 Ion Ratio Lower Upper
 330 100
 332 96.5 0.0 0.0#
 141 49.8 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 84.16 ng
 RT: 13.05 min Scan# 1763
 Delta R.T. -0.03 min
 Lab File: BG017026.D
 Acq: 10 May 2015 14:53

Tgt Ion:172 Resp: 740366
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.0 43.4
 170 23.8 19.0 28.4

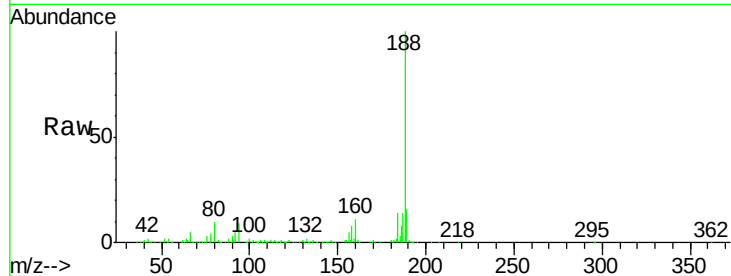




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2465
Delta R.T. -0.02 min
Lab File: BG017026.D
Acq: 10 May 2015 14:53

Instrument :
BNA_G
ClientSampleId :
PB83231BL

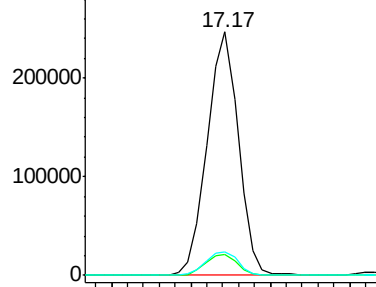
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	336595		
94	8.7		8.2	12.4
80	9.9		8.8	13.2



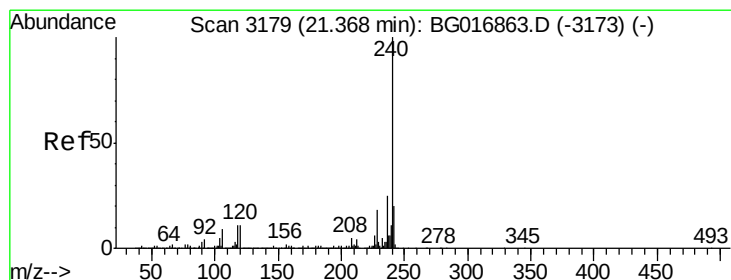
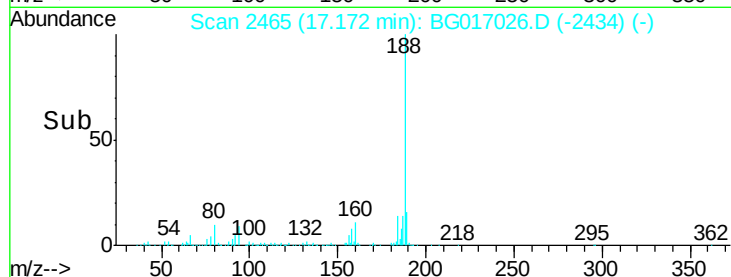
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

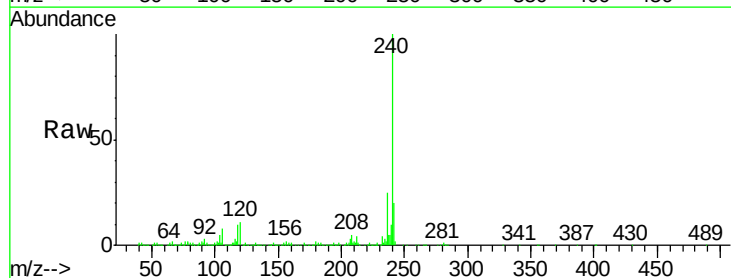


Time--> 17.10 17.15 17.20 17.25



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.34 min Scan# 3175
Delta R.T. -0.03 min
Lab File: BG017026.D
Acq: 10 May 2015 14:53

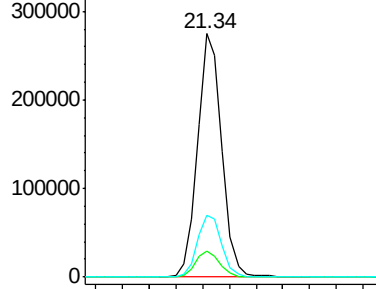
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	350456		
120	10.7		9.1	13.7
236	25.5		20.2	30.4



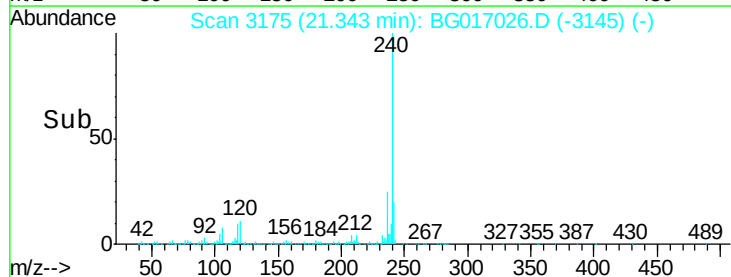
Abundance Ion 240.00 (239.70 to 240.70): E

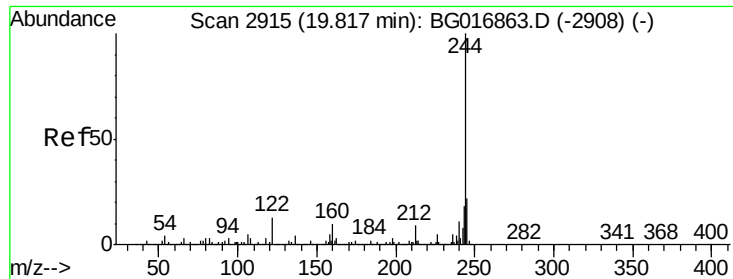
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.30 21.40





#78

Terphenyl-d14

Concen: 93.62 ng

RT: 19.80 min Scan# 2912

Delta R.T. -0.02 min

Lab File: BG017026.D

Acq: 10 May 2015 14:53

Instrument :

BNA_G

ClientSampleId :

PB83231BL

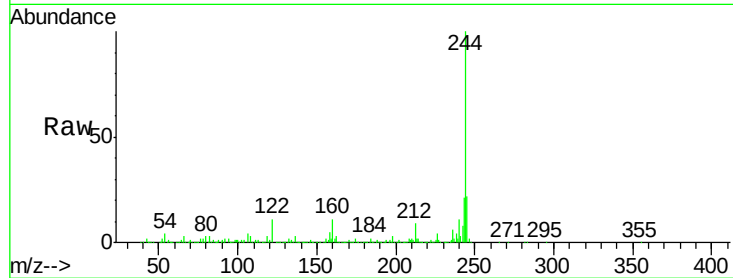
Tgt Ion:244 Resp: 1399611

Ion Ratio Lower Upper

244 100

212 9.3 7.0 10.6

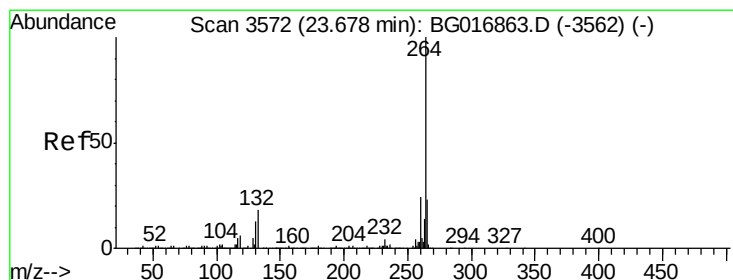
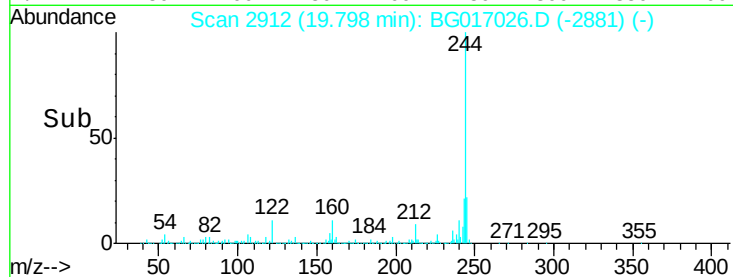
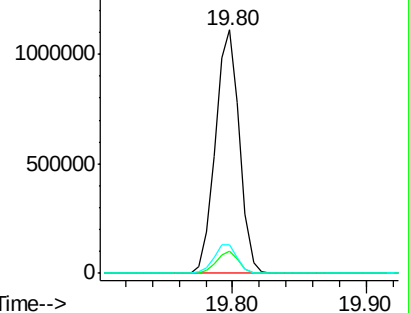
122 11.5 10.4 15.6



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: 23.64 min Scan# 3566

Delta R.T. -0.04 min

Lab File: BG017026.D

Acq: 10 May 2015 14:53

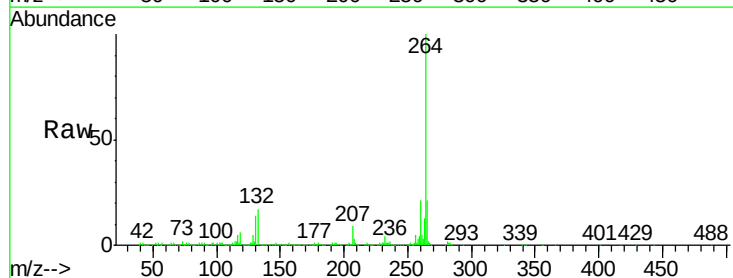
Tgt Ion:264 Resp: 347115

Ion Ratio Lower Upper

264 100

260 21.1 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

