

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
 Data File : BG016917.D
 Acq On : 7 May 2015 11:23
 Operator : TP/IZ
 Sample : PB83127BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83127BL

Quant Time: May 08 03:25:05 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 08 02:05:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	59366	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	242860	20.00	ng	0.00
38) Acenaphthene-d10	14.43	164	154094	20.00	ng	0.00
63) Phenanthrene-d10	17.18	188	364626	20.00	ng	0.00
75) Chrysene-d12	21.36	240	370955	20.00	ng	0.00
86) Perylene-d12	23.67	264	357978	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	475822	139.56	ng	0.00
7) Phenol-d6	6.97	99	646010	132.62	ng	0.00
23) Nitrobenzene-d5	8.95	82	415722	83.62	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	228123	147.47	ng	0.00
44) 2-Fluorobiphenyl	13.06	172	818299	80.13	ng	0.00
78) Terphenyl-d14	19.81	244	1366912	86.38	ng	0.00

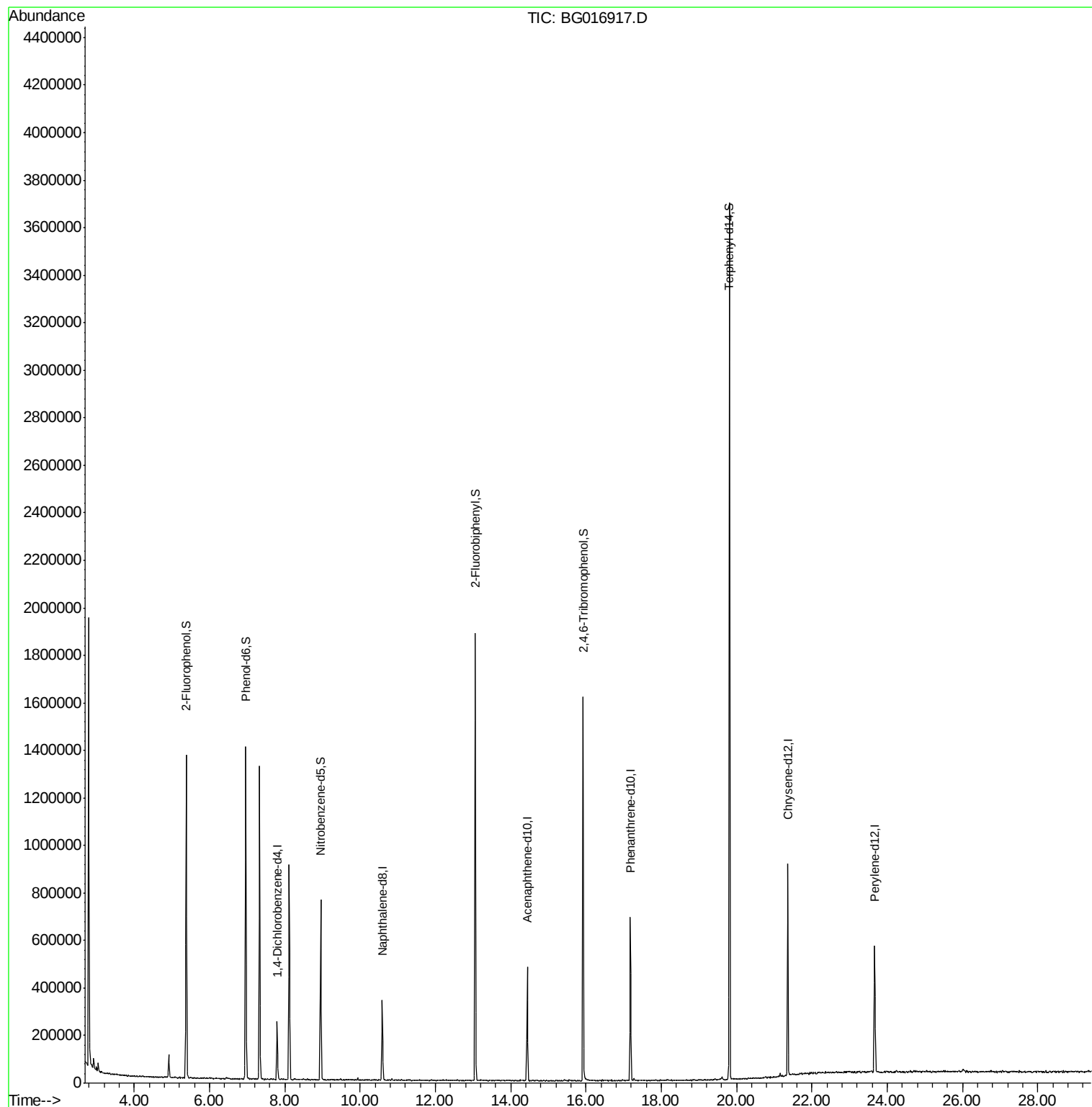
Target Compounds Qvalue

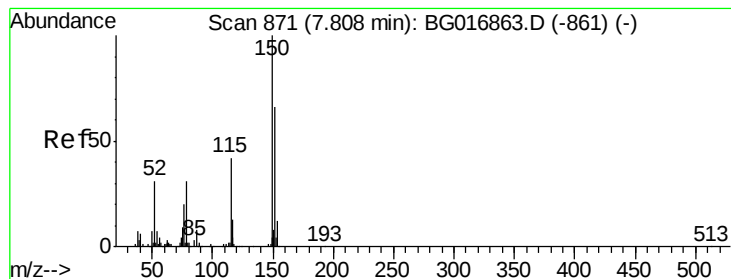
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.80 min Scan# 870

Delta R.T. 0.01 min

Lab File: BG016917.D

Acq: 7 May 2015 11:23

Instrument :

BNA_G

ClientSampleId :

PB83127BL

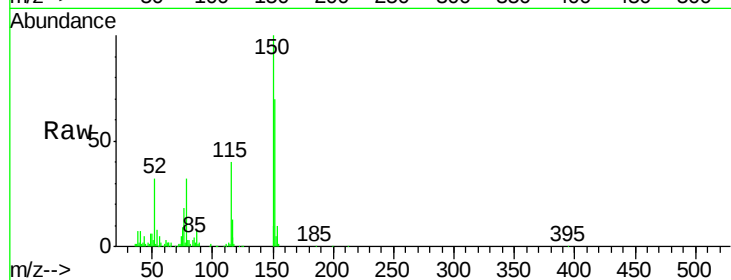
Tot Ion:152 Resp: 59366

Ion Ratio Lower Upper

152 100

150 141.9 121.0 181.4

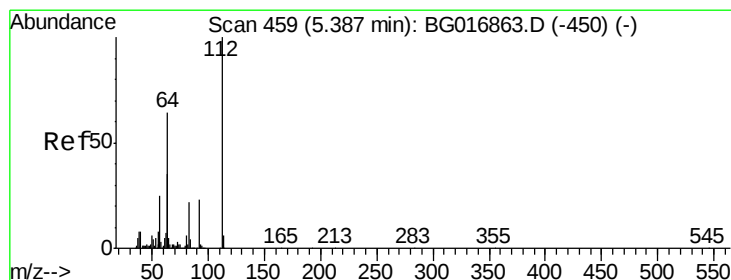
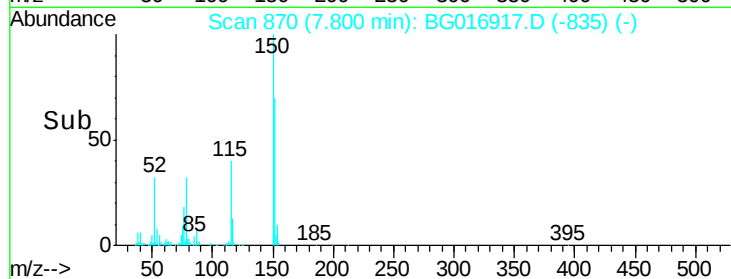
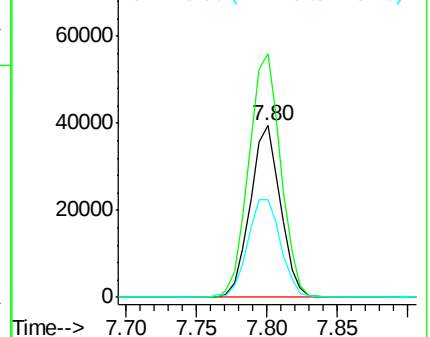
115 57.1 50.5 75.7



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: 139.56 ng

RT: 5.38 min Scan# 458

Delta R.T. 0.01 min

Lab File: BG016917.D

Acq: 7 May 2015 11:23

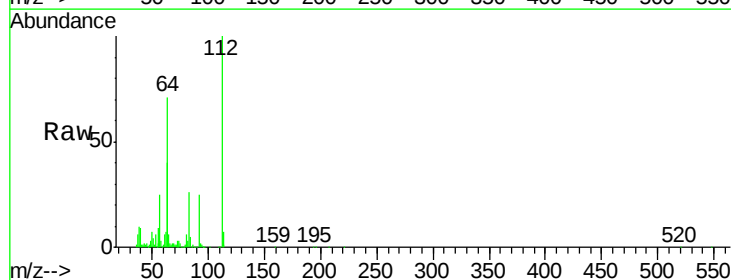
Tgt Ion:112 Resp: 475822

Ion Ratio Lower Upper

112 100

64 71.0 51.4 77.2

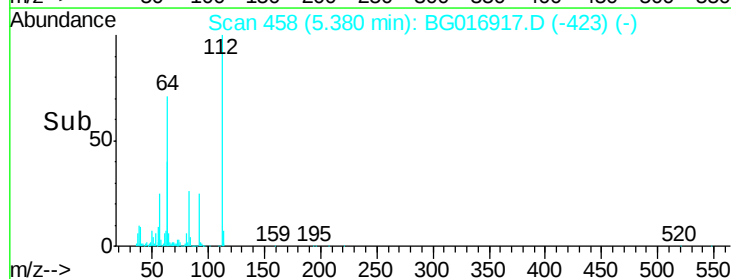
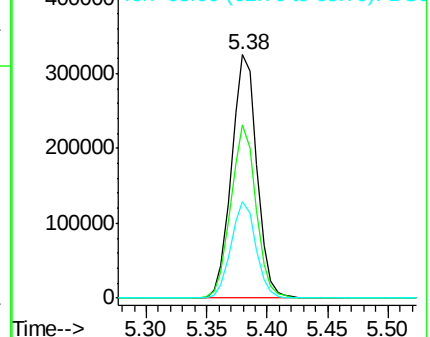
63 39.7 28.1 42.1

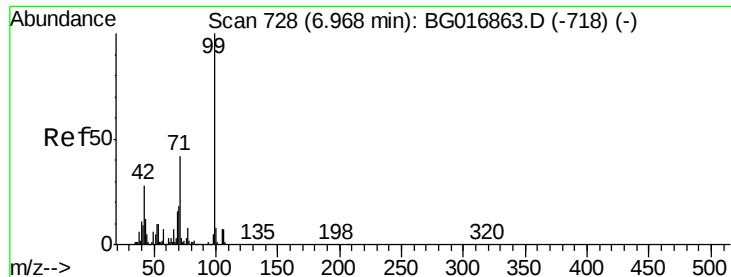


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 132.62 ng

RT: 6.97 min Scan# 728

Delta R.T. 0.01 min

Lab File: BG016917.D

Acq: 7 May 2015 11:23

Instrument :

BNA_G

ClientSampled :

PB83127BL

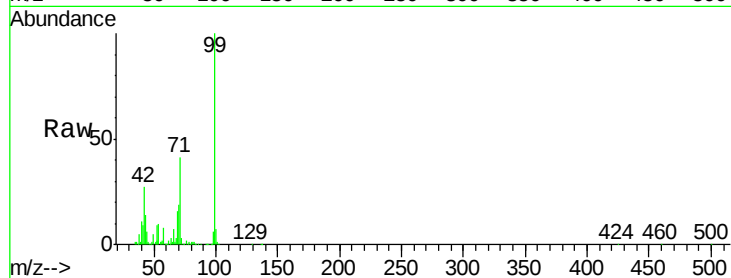
Tot Ion: 99 Resp: 646010

Ion Ratio Lower Upper

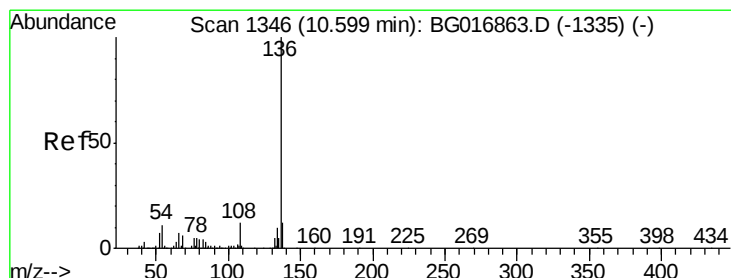
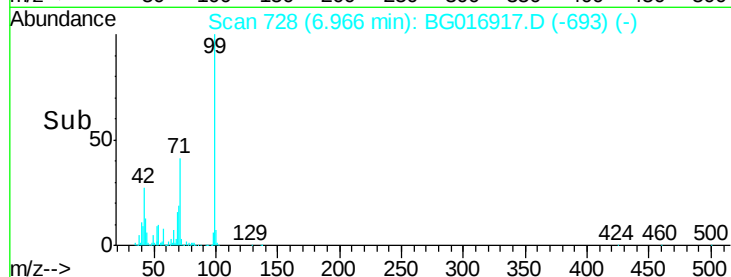
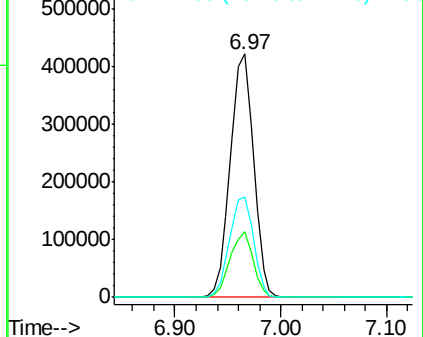
99 100

42 27.0 22.1 33.1

71 41.1 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: 10.59 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BG016917.D

Acq: 7 May 2015 11:23

Tgt Ion: 136 Resp: 242860

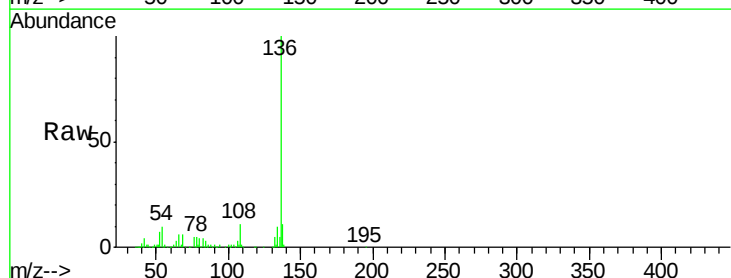
Ion Ratio Lower Upper

136 100

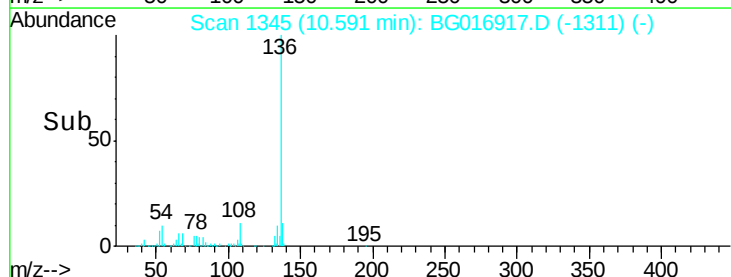
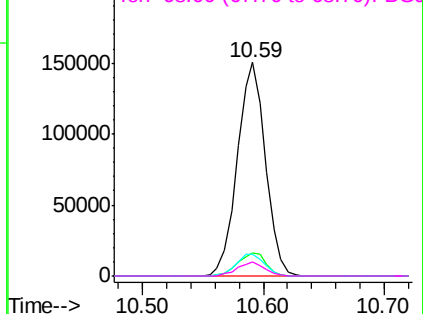
137 10.6 9.8 14.8

54 10.3 8.7 13.1

68 6.5 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

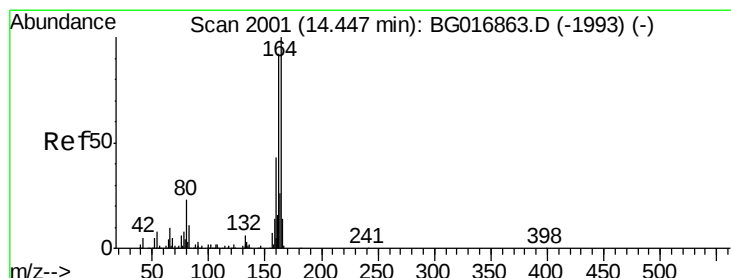
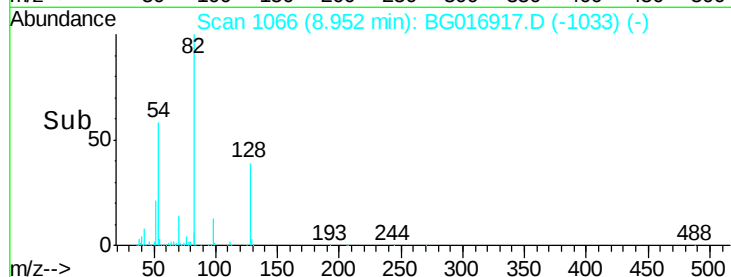
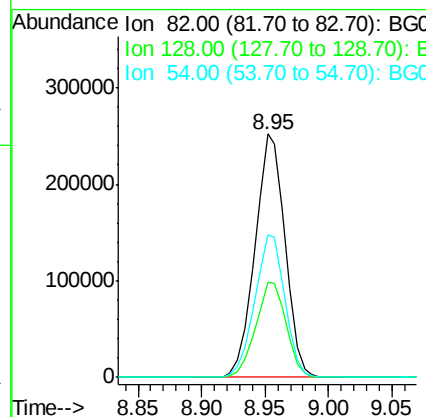
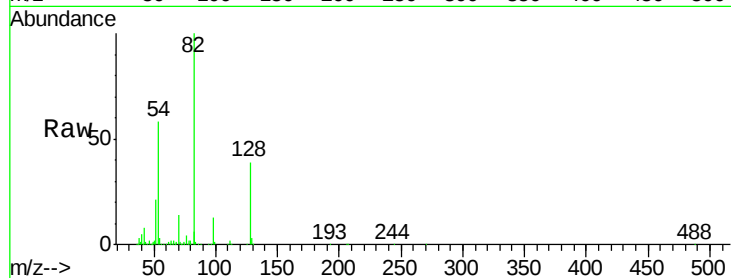




#23
 Nitrobenzene-d5
 Concen: 83.62 ng
 RT: 8.95 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BG016917.D
 Acq: 7 May 2015 11:23

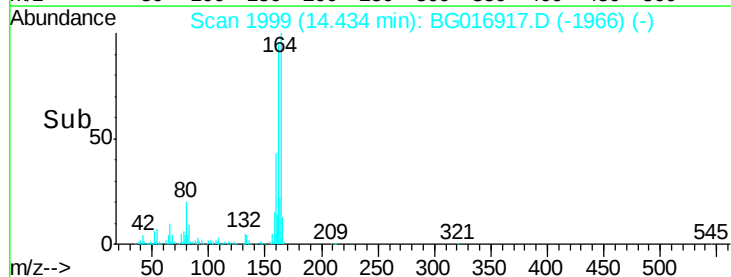
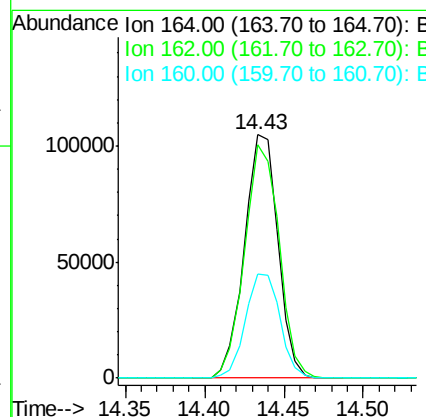
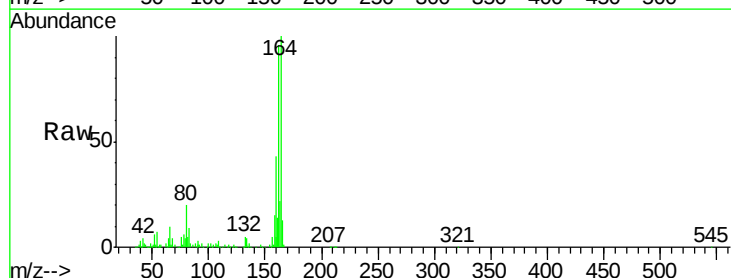
Instrument :
 BNA_G
 ClientSampleId :
 PB83127BL

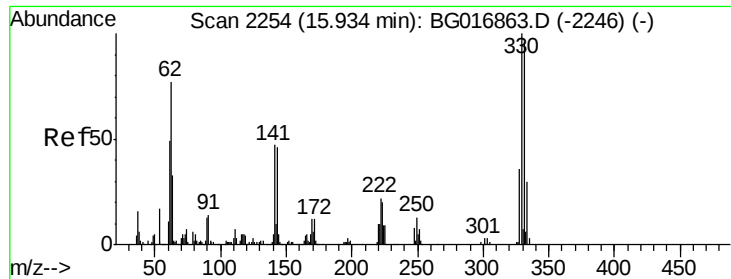
Tot Ion	82	Resp	415722
Ion Ratio	Lower	Upper	
82	100		
128	39.0	33.2	49.8
54	58.4	48.6	72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BG016917.D
 Acq: 7 May 2015 11:23

Tgt Ion	164	Resp	154094
Ion Ratio	Lower	Upper	
164	100		
162	96.0	74.0	111.0
160	42.6	34.7	52.1

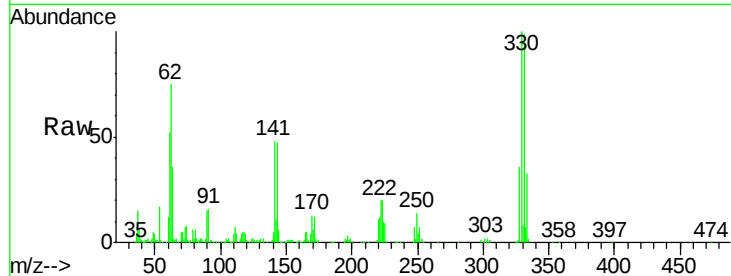




#41
 2,4,6-Tribromophenol
 Concen: 147.47 ng
 RT: 15.93 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: BG016917.D
 Acq: 7 May 2015 11:23

Instrument :
 BNA_G
 ClientSampled :
 PB83127BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	50.7	0.0	0.0#

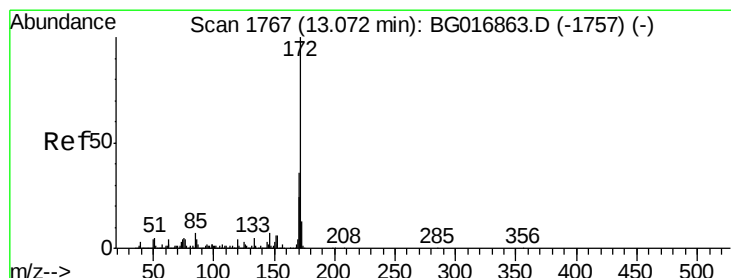
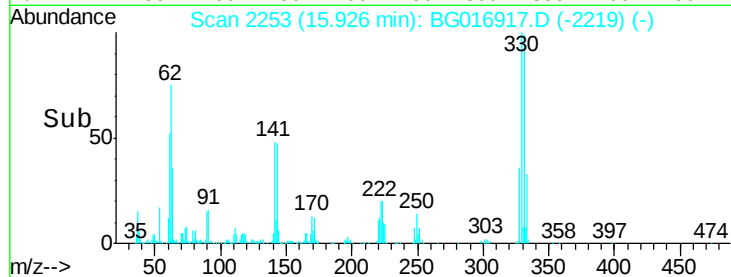
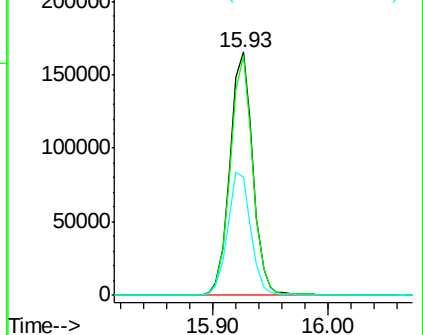


Abundance

Ion 329.80 (329.50 to 330.50): E

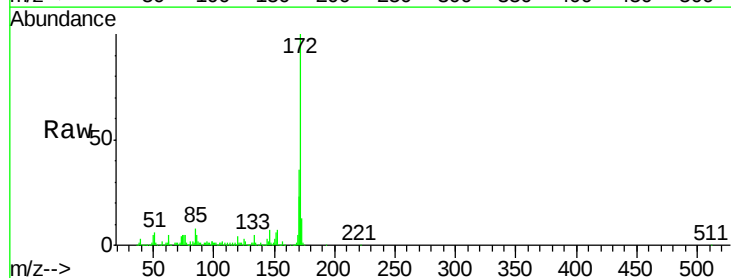
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 80.13 ng
 RT: 13.06 min Scan# 1765
 Delta R.T. 0.00 min
 Lab File: BG016917.D
 Acq: 7 May 2015 11:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.4
170	23.1	19.0	28.4

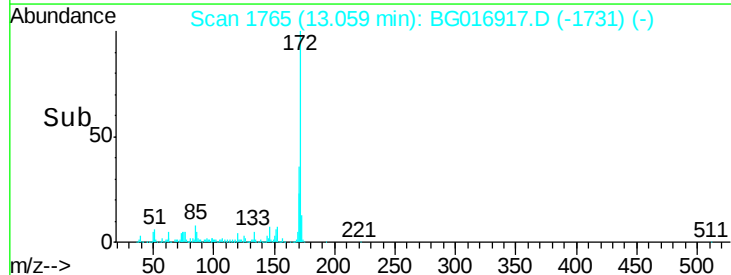
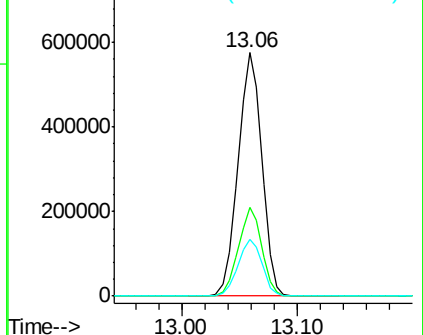


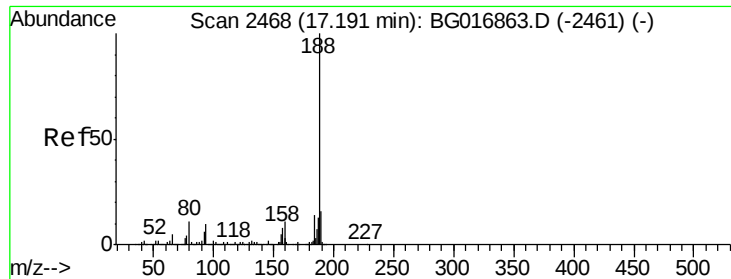
Abundance

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

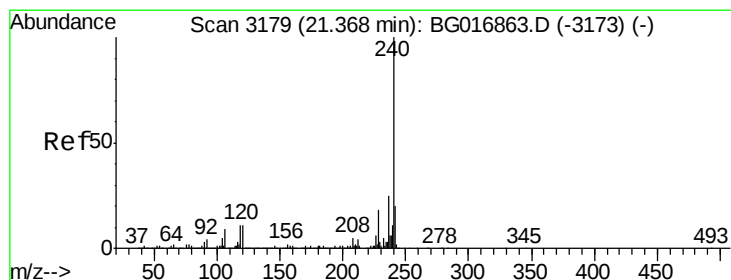
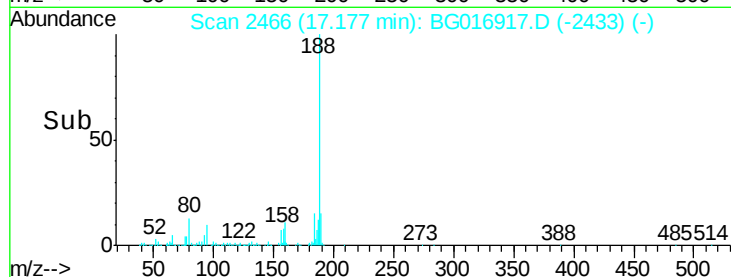
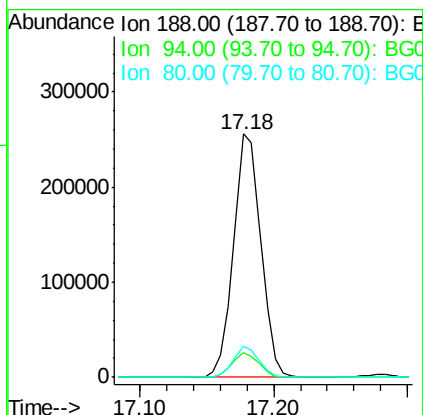
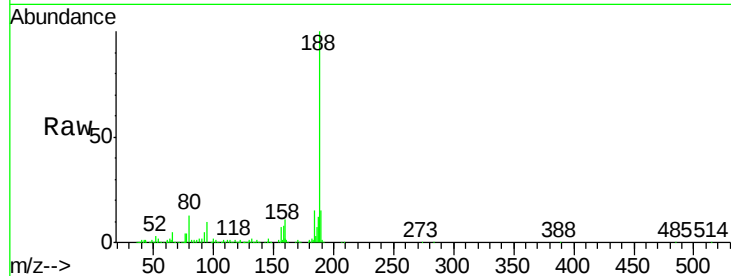




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.18 min Scan# 2466
Delta R.T. -0.01 min
Lab File: BG016917.D
Acq: 7 May 2015 11:23

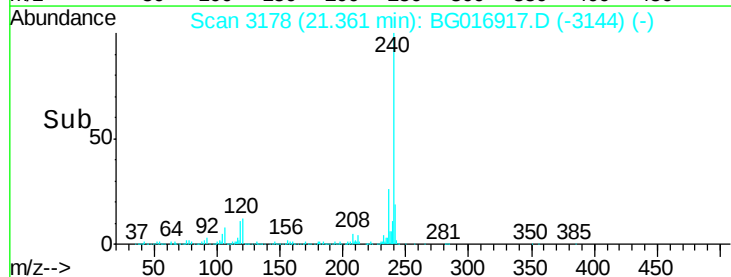
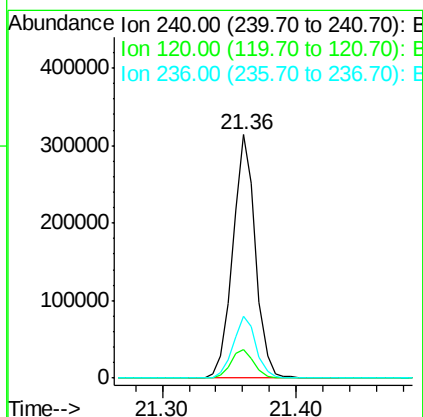
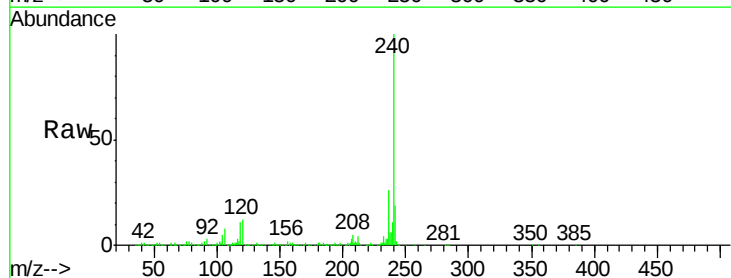
Instrument :
BNA_G
ClientSampleId :
PB83127BL

Tot Ion:188 Resp: 364626
Ion Ratio Lower Upper
188 100
94 10.1 8.2 12.4
80 12.5 8.8 13.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.36 min Scan# 3178
Delta R.T. 0.00 min
Lab File: BG016917.D
Acq: 7 May 2015 11:23

Tgt Ion:240 Resp: 370955
Ion Ratio Lower Upper
240 100
120 11.7 9.1 13.7
236 25.6 20.2 30.4





#78

Terphenyl-d14

Concen: 86.38 ng

RT: 19.81 min Scan# 2914

Delta R.T. 0.00 min

Lab File: BG016917.D

Acq: 7 May 2015 11:23

Instrument :

BNA_G

ClientSampleId :

PB83127BL

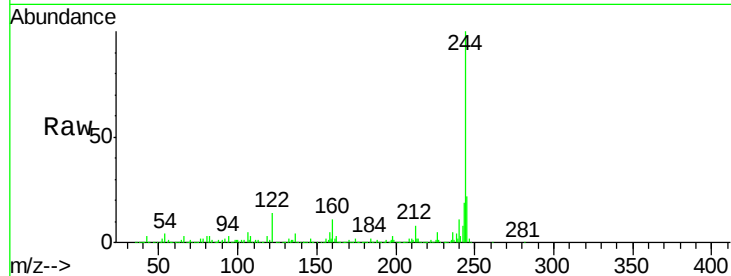
Tot Ion:244 Resp: 1366912

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.0	10.6
122	13.8	10.4	15.6

244 100

212 8.4 7.0 10.6

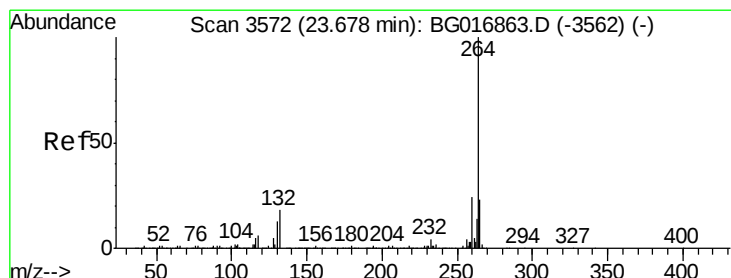
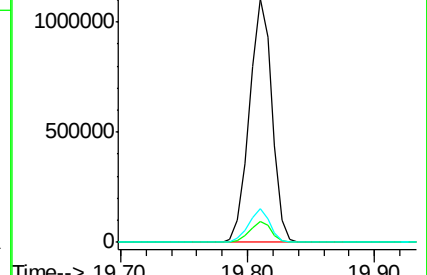
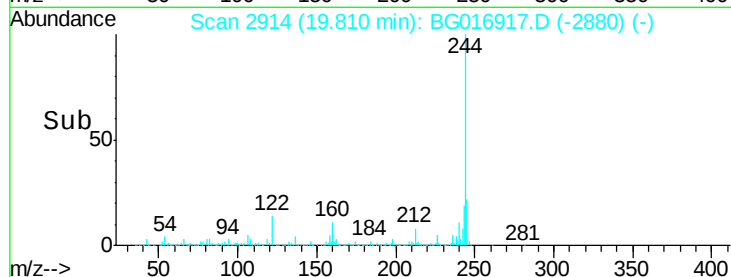
122 13.8 10.4 15.6



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: 23.67 min Scan# 3571

Delta R.T. 0.01 min

Lab File: BG016917.D

Acq: 7 May 2015 11:23

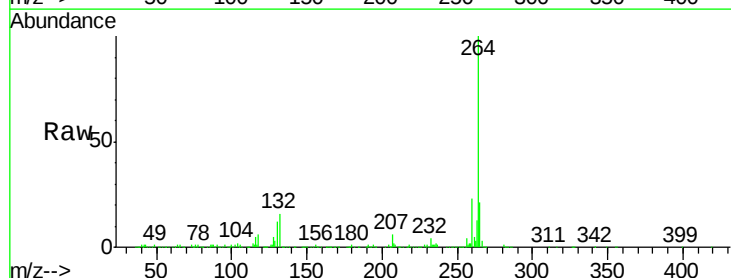
Tgt Ion:264 Resp: 357978

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	20.5	18.5	27.7

264 100

260 23.2 19.5 29.3

265 20.5 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

