

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050615\
 Data File : BG016899.D
 Acq On : 6 May 2015 14:59
 Operator : TP/IZ
 Sample : PB83100BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83100BL

Quant Time: May 07 04:34:23 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 07 03:57:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	67967	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	300993	20.00	ng	0.00
38) Acenaphthene-d10	14.44	164	200588	20.00	ng	0.00
63) Phenanthrene-d10	17.18	188	479352	20.00	ng	0.00
75) Chrysene-d12	21.36	240	488329	20.00	ng	0.00
86) Perylene-d12	23.66	264	466221	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	492043	126.06	ng	0.00
7) Phenol-d6	6.96	99	651563	116.84	ng	0.00
23) Nitrobenzene-d5	8.96	82	419979	68.16	ng	0.00
41) 2,4,6-Tribromophenol	15.92	330	237352	117.87	ng	0.00
44) 2-Fluorobiphenyl	13.06	172	844259	63.51	ng	0.00
78) Terphenyl-d14	19.81	244	1413596	67.86	ng	0.00

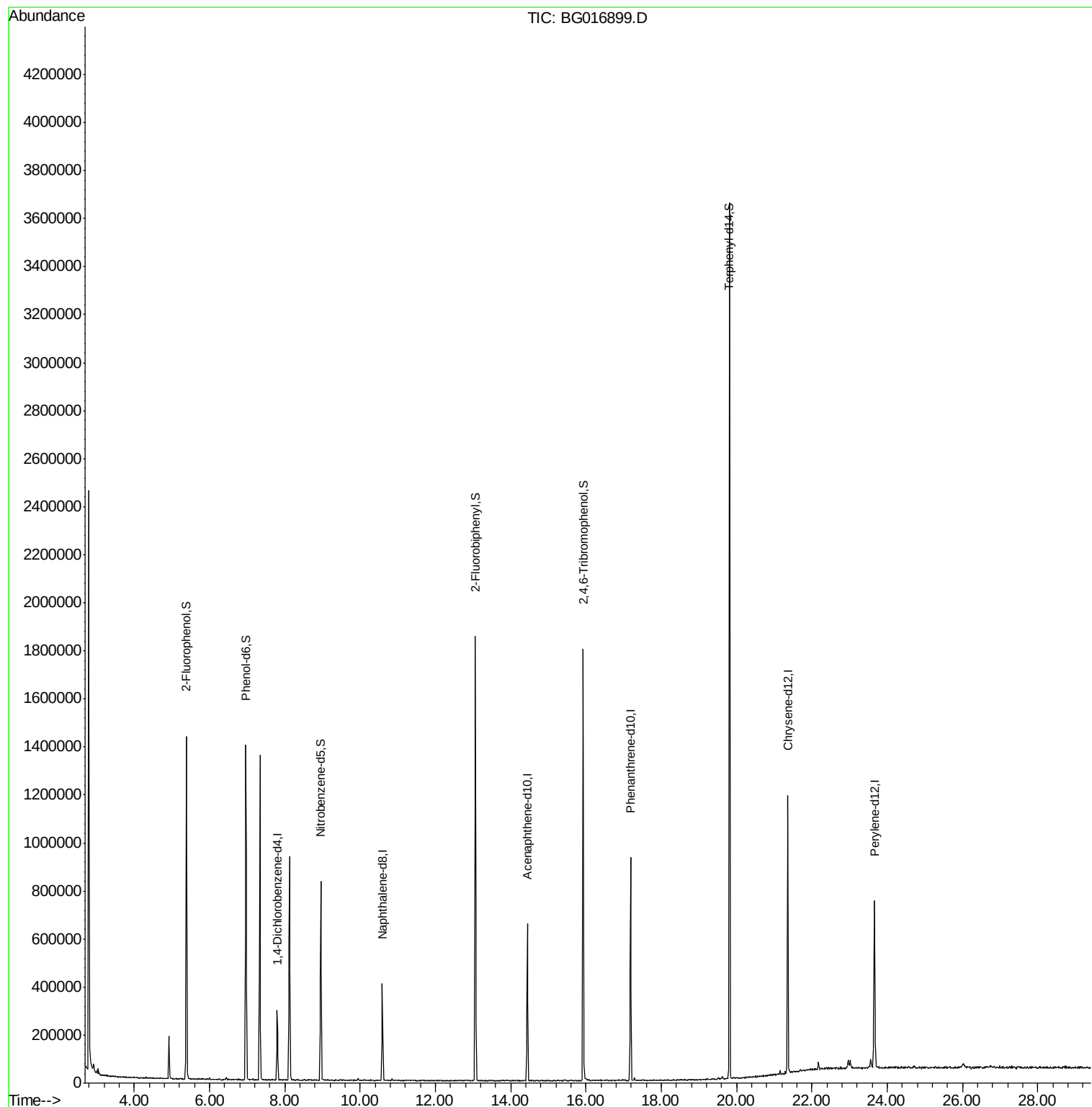
Target Compounds Qvalue

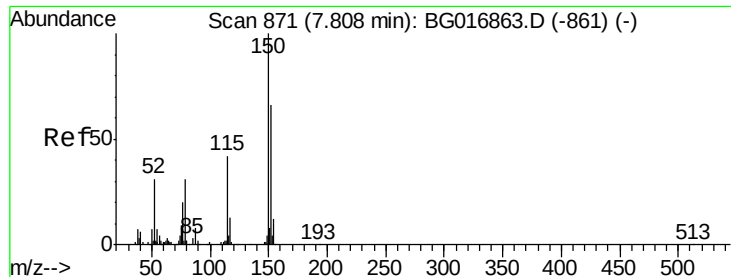
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.80 min Scan# 871

Delta R.T. 0.00 min

Lab File: BG016899.D

Acq: 6 May 2015 14:59

Instrument :

BNA_G

ClientSampleId :

PB83100BL

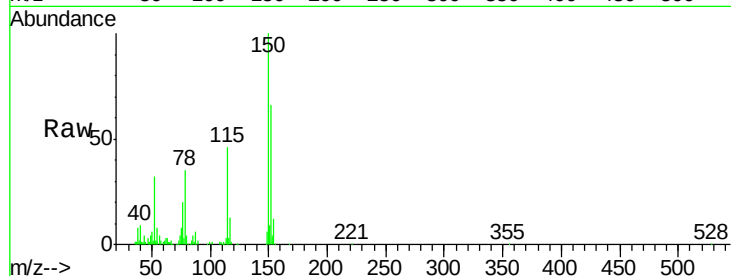
Tot Ion:152 Resp: 67967

Ion Ratio Lower Upper

152 100

150 150.5 121.0 181.4

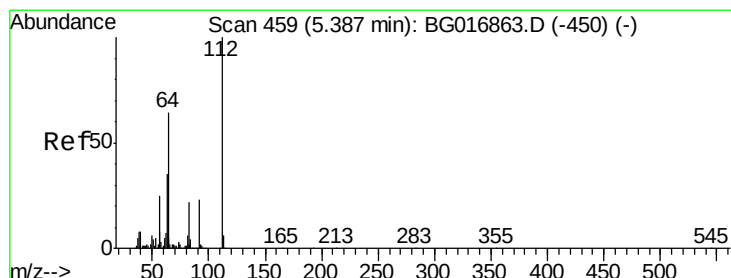
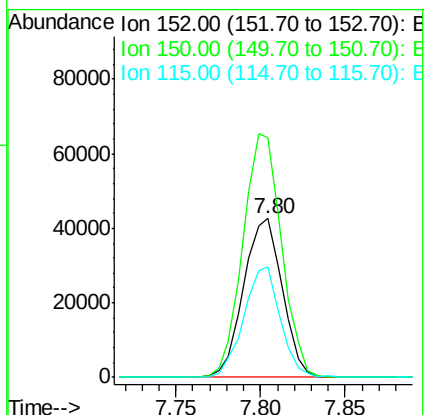
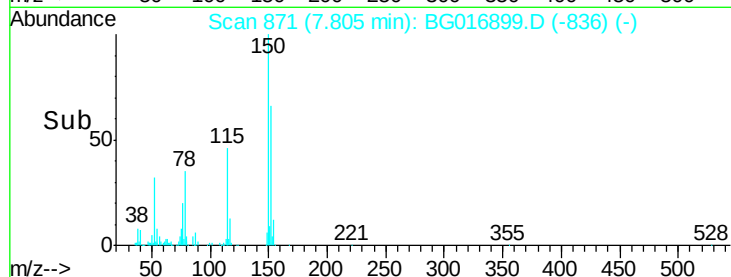
115 69.3 50.5 75.7



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: 126.06 ng

RT: 5.38 min Scan# 459

Delta R.T. 0.00 min

Lab File: BG016899.D

Acq: 6 May 2015 14:59

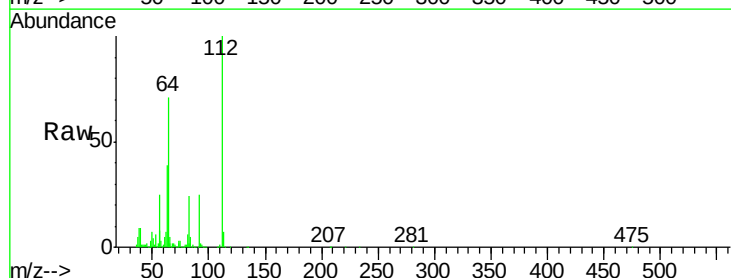
Tgt Ion:112 Resp: 492043

Ion Ratio Lower Upper

112 100

64 70.9 51.4 77.2

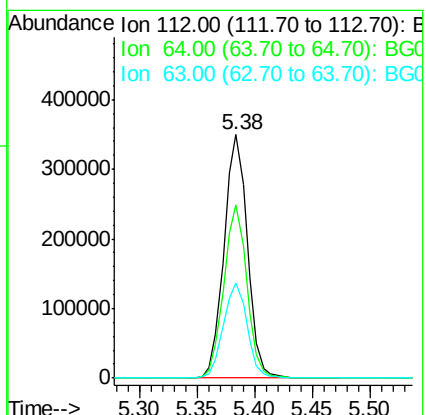
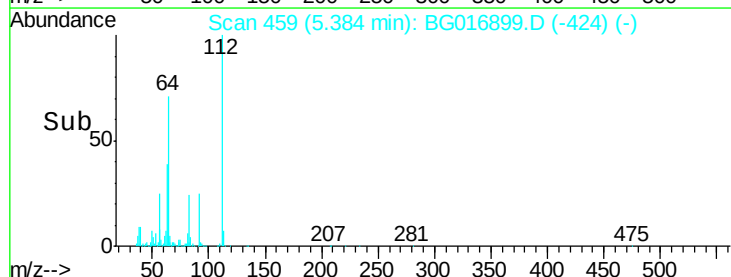
63 39.2 28.1 42.1

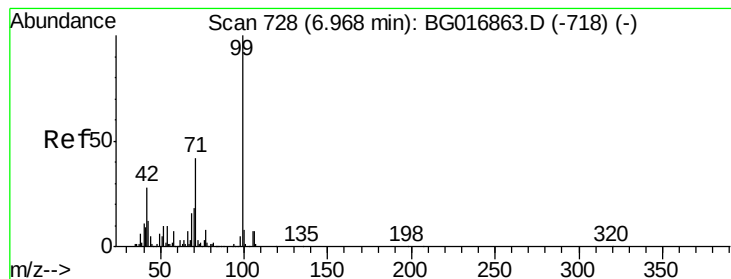


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 116.84 ng

RT: 6.96 min Scan# 728

Delta R.T. -0.00 min

Lab File: BG016899.D

Acq: 6 May 2015 14:59

Instrument :

BNA_G

ClientSampleId :

PB83100BL

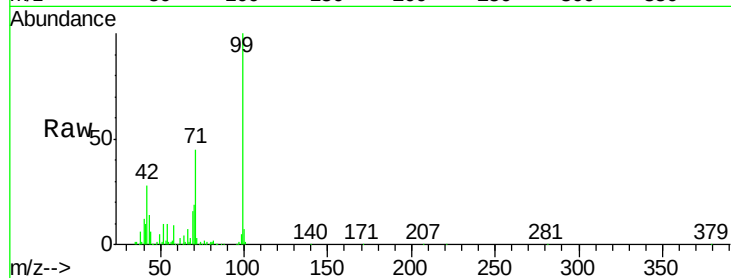
Tot Ion: 99 Resp: 651563

Ion Ratio Lower Upper

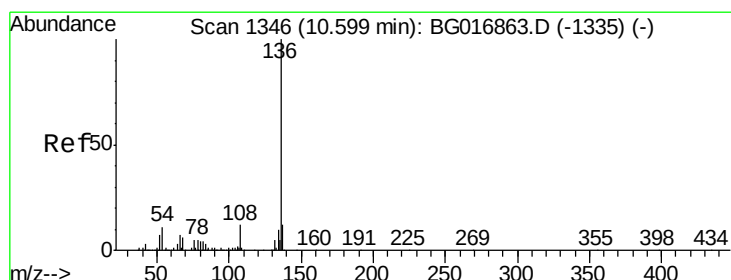
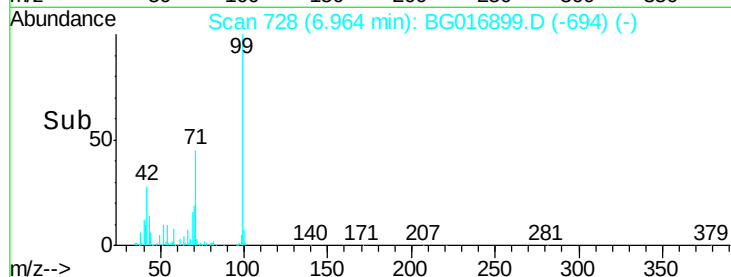
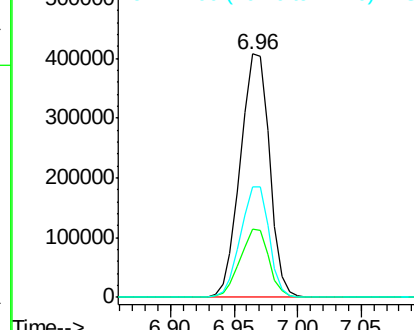
99 100

42 27.8 22.1 33.1

71 45.2 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: 10.59 min Scan# 1345

Delta R.T. -0.00 min

Lab File: BG016899.D

Acq: 6 May 2015 14:59

Tgt Ion: 136 Resp: 300993

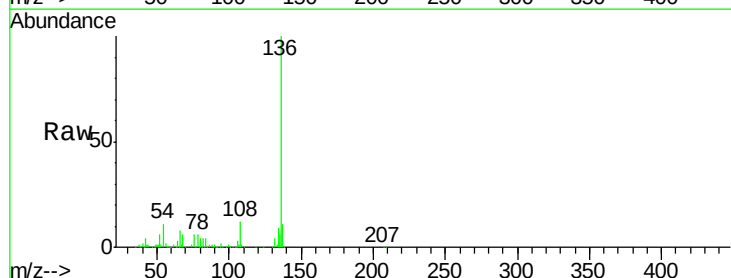
Ion Ratio Lower Upper

136 100

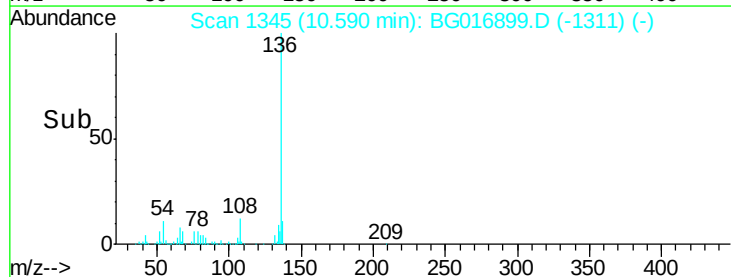
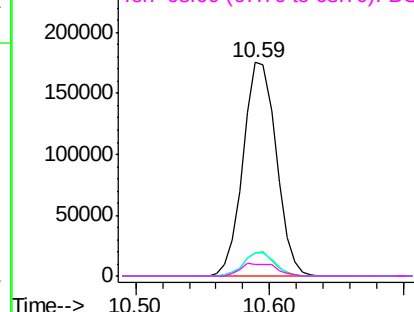
137 10.7 9.8 14.8

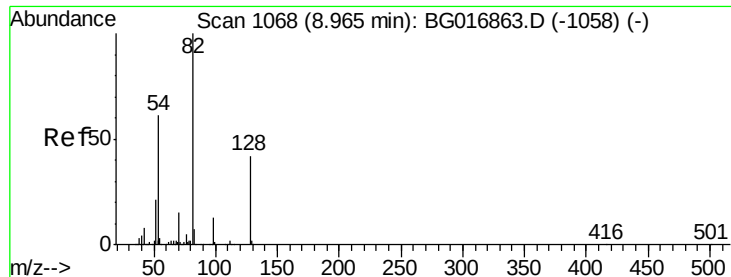
54 10.8 8.7 13.1

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

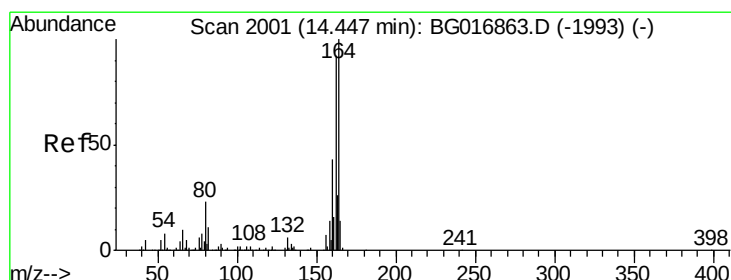
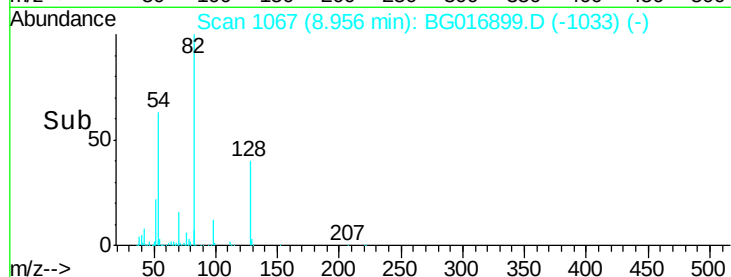
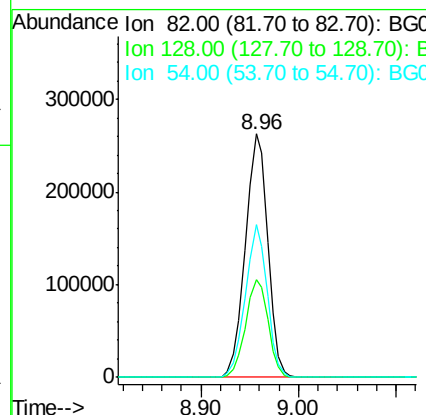
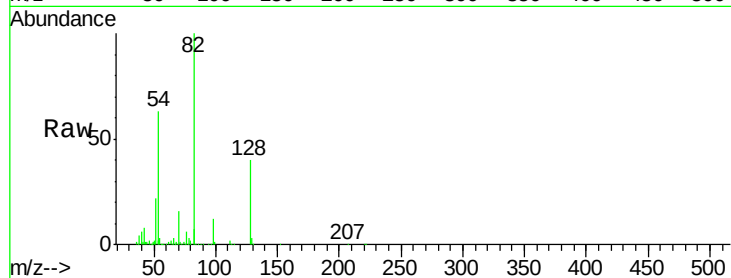




#23
Nitrobenzene-d5
Concen: 68.16 ng
RT: 8.96 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BG016899.D
Acq: 6 May 2015 14:59

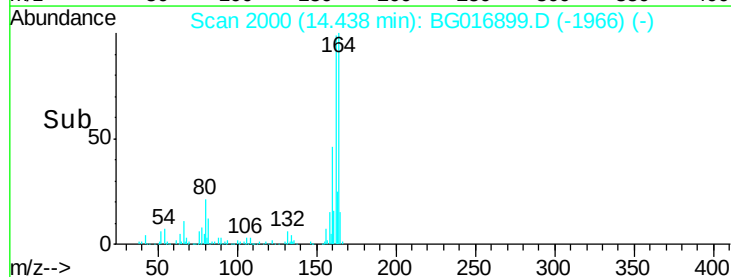
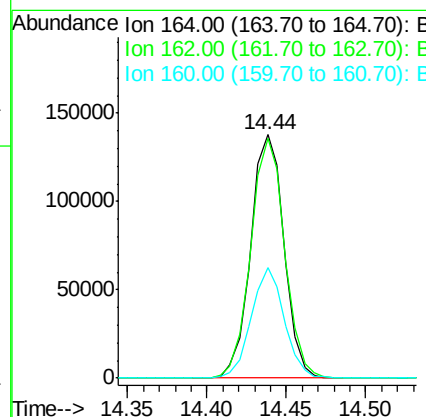
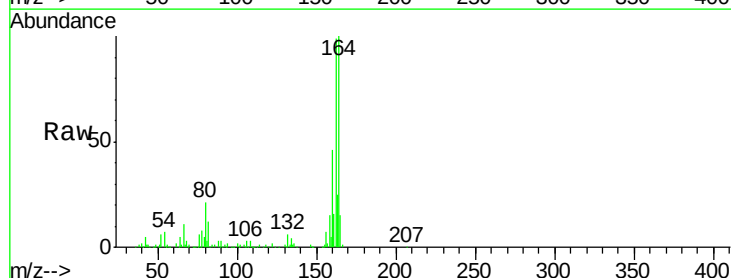
Instrument :
BNA_G
ClientSampleId :
PB83100BL

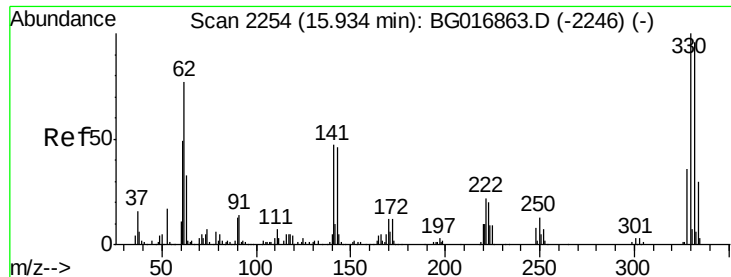
Tot Ion	82	Resp	419979
Ion Ratio	Lower	Upper	
82	100		
128	40.1	33.2	49.8
54	62.9	48.6	72.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.44 min Scan# 2000
Delta R.T. -0.00 min
Lab File: BG016899.D
Acq: 6 May 2015 14:59

Tgt Ion	164	Resp	200588
Ion Ratio	Lower	Upper	
164	100		
162	98.6	74.0	111.0
160	45.5	34.7	52.1

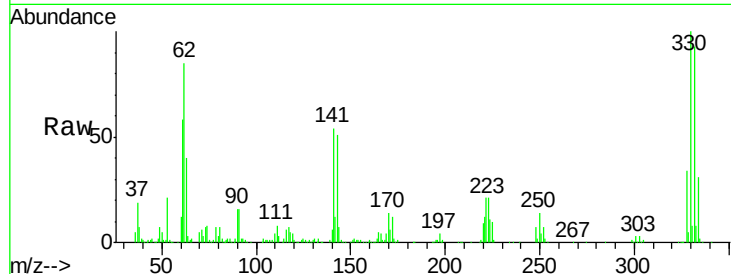




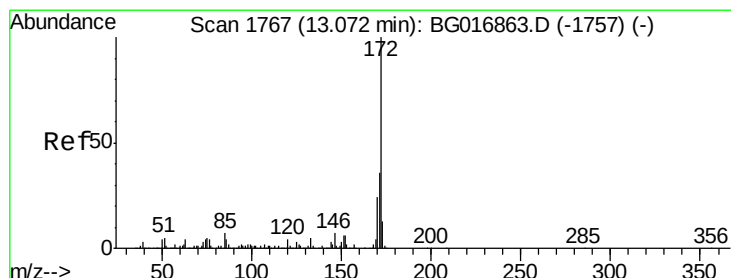
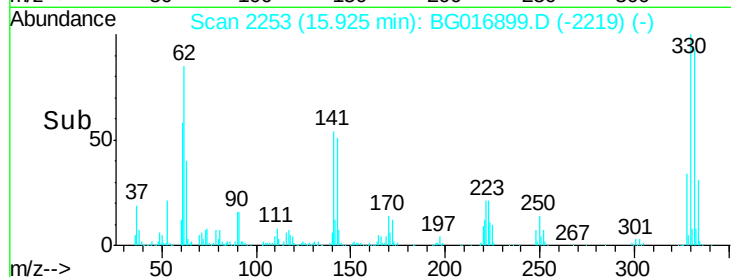
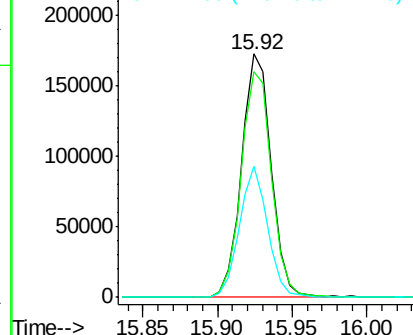
#41
 2,4,6-Tribromophenol
 Concen: 117.87 ng
 RT: 15.92 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: BG016899.D
 Acq: 6 May 2015 14:59

Instrument :
 BNA_G
 ClientSampleId :
 PB83100BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	0.0	0.0#
141	51.8	0.0	0.0#

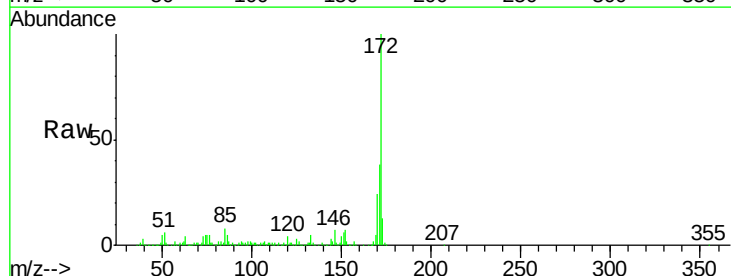


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

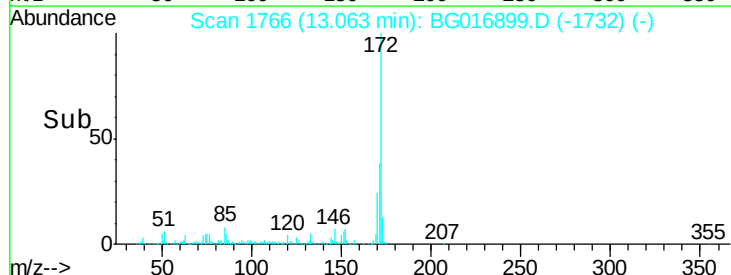
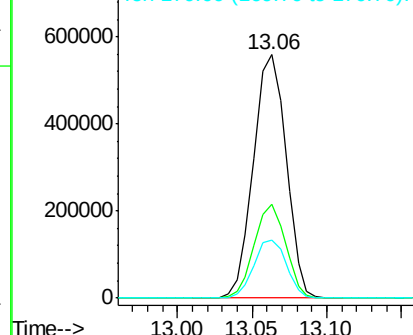


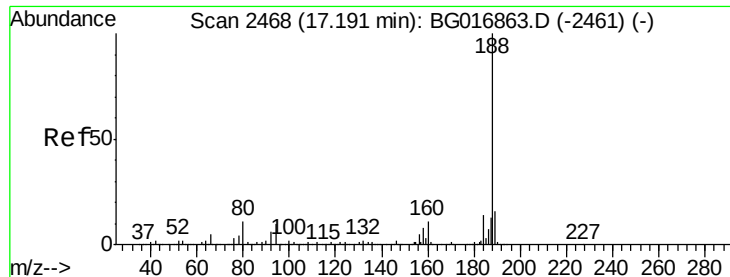
#44
 2-Fluorobiphenyl
 Concen: 63.51 ng
 RT: 13.06 min Scan# 1766
 Delta R.T. -0.00 min
 Lab File: BG016899.D
 Acq: 6 May 2015 14:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	29.0	43.4
170	23.6	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

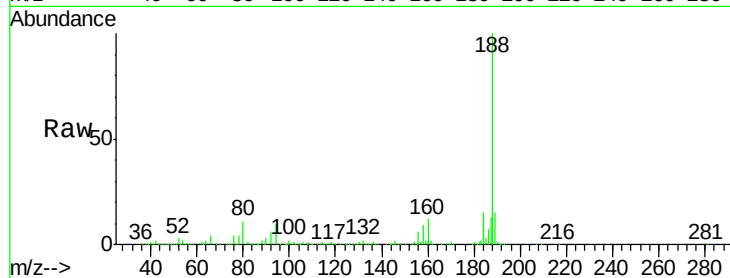




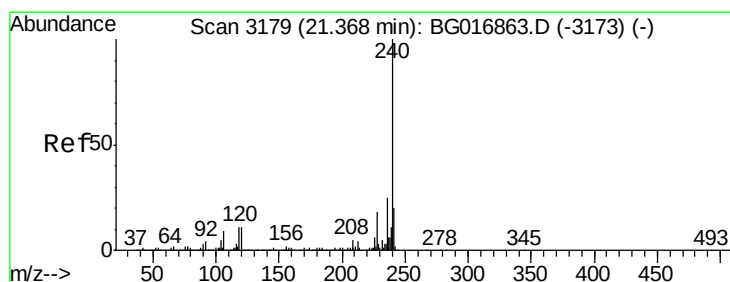
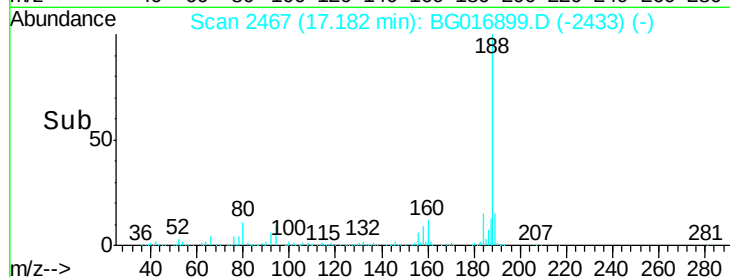
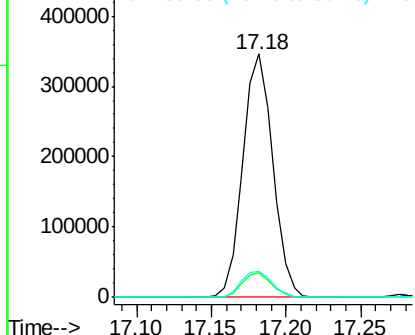
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.18 min Scan# 2467
Delta R.T. -0.00 min
Lab File: BG016899.D
Acq: 6 May 2015 14:59

Instrument :
BNA_G
ClientSampleId :
PB83100BL

Tot Ion:188 Resp: 479352
Ion Ratio Lower Upper
188 100
94 10.0 8.2 12.4
80 10.9 8.8 13.2

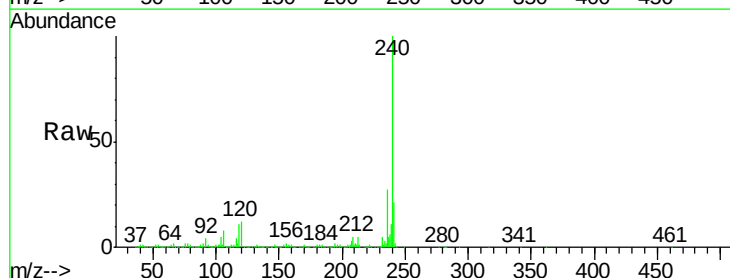


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

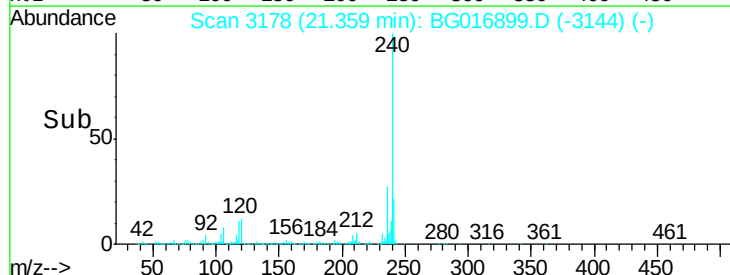
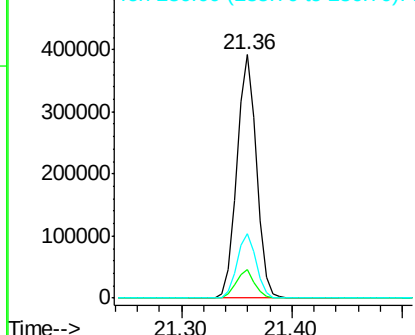


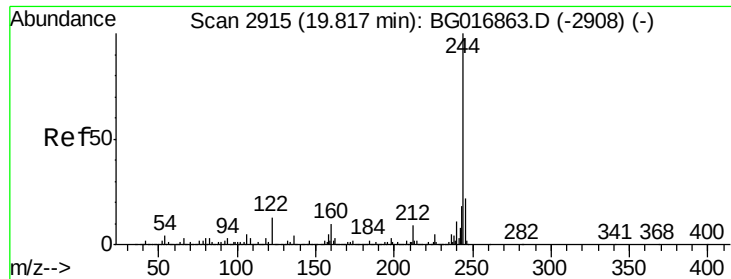
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.36 min Scan# 3178
Delta R.T. -0.00 min
Lab File: BG016899.D
Acq: 6 May 2015 14:59

Tgt Ion:240 Resp: 488329
Ion Ratio Lower Upper
240 100
120 11.9 9.1 13.7
236 26.7 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

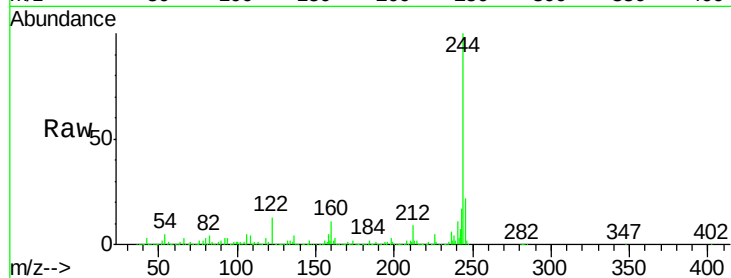




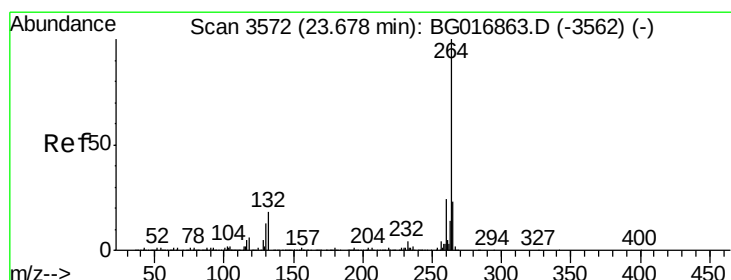
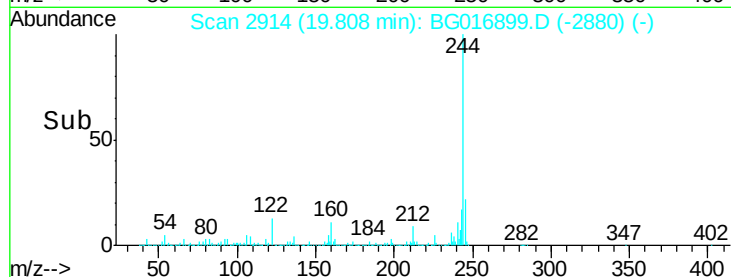
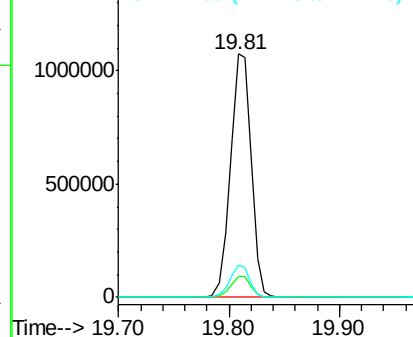
#78
 Terphenyl-d14
 Concen: 67.86 ng
 RT: 19.81 min Scan# 2914
 Delta R.T. -0.00 min
 Lab File: BG016899.D
 Acq: 6 May 2015 14:59

Instrument :
 BNA_G
 ClientSampleId :
 PB83100BL

Tot Ion:244 Resp: 1413596
 Ion Ratio Lower Upper
 244 100
 212 8.8 7.0 10.6
 122 13.2 10.4 15.6

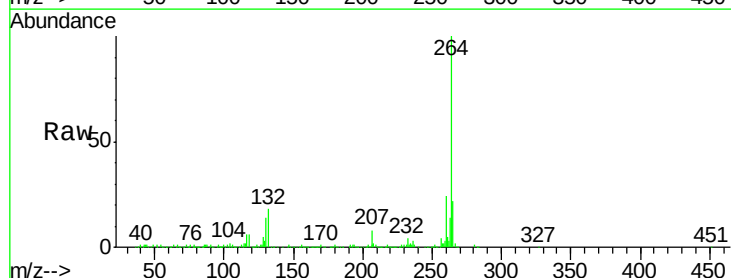


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.66 min Scan# 3570
 Delta R.T. -0.00 min
 Lab File: BG016899.D
 Acq: 6 May 2015 14:59

Tgt Ion:264 Resp: 466221
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 22.1 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

