

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 04:17:07 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

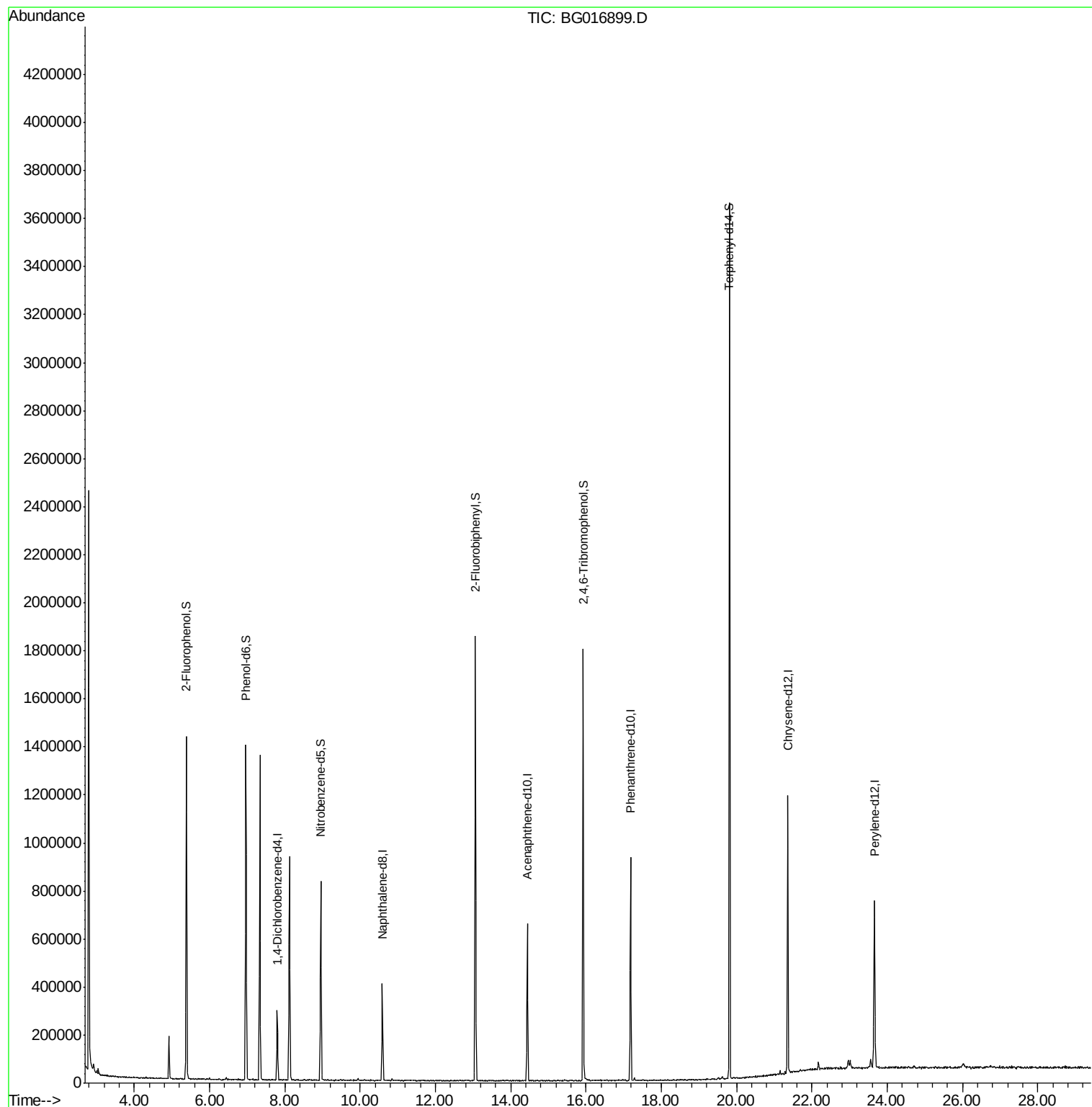
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	67967	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	300993	20.00	ng	0.00
38) Acenaphthene-d10	14.44	164	200588	20.00	ng	0.00
63) Phenanthrene-d10	17.18	188	479352	20.00	ng	0.00
75) Chrysene-d12	21.36	240	488329	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						
32) Benzoic acid	9.83	122	84	Below Cal	Qvalue #	1

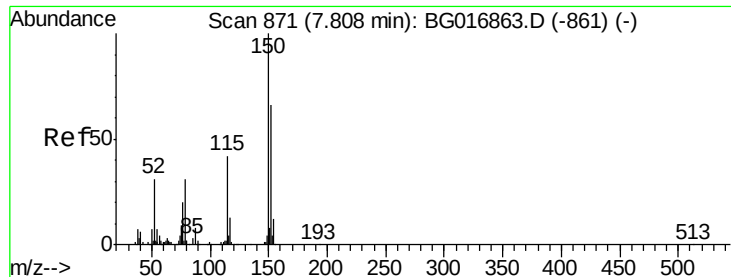
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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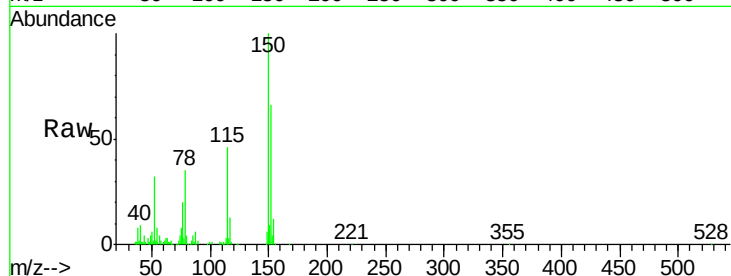


#1

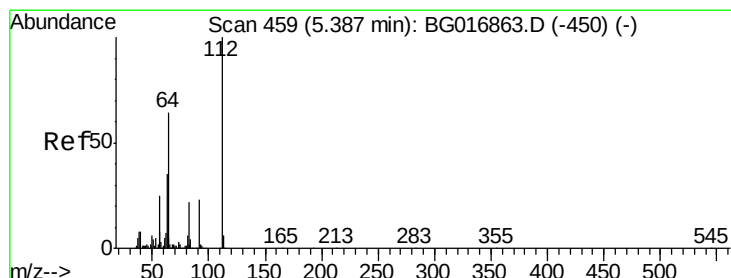
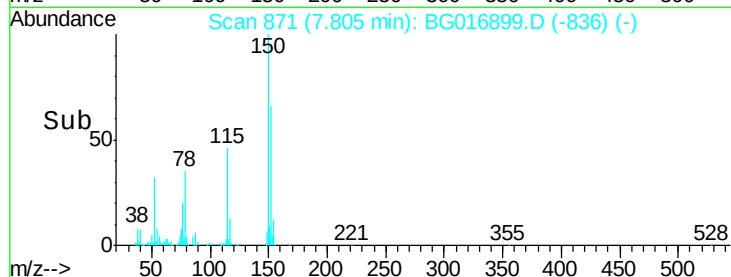
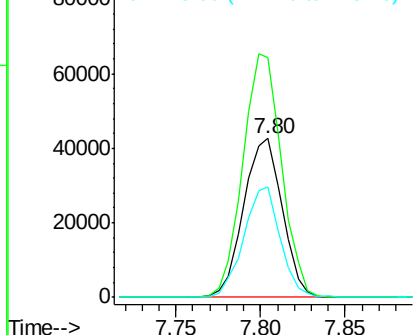
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.80 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: BG016899.D
 Acq: 6 May 2015 14:59

Instrument :
 BNA_G
 ClientSampleId :
 PB83100BL

Tgt Ion:152 Resp: 67967
 Ion Ratio Lower Upper
 152 100
 150 150.5 121.0 181.4
 115 69.3 50.5 75.7



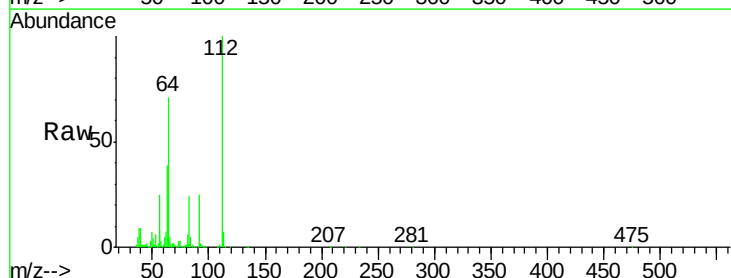
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



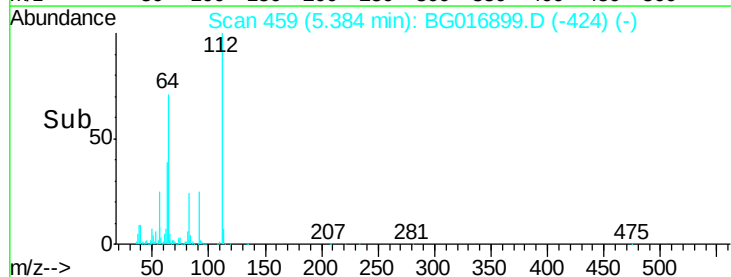
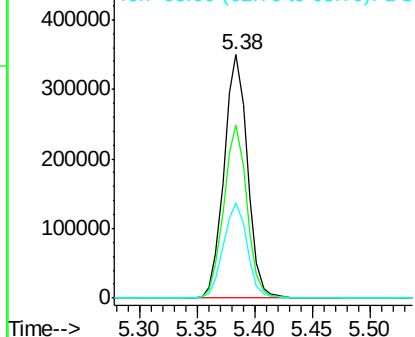
#5

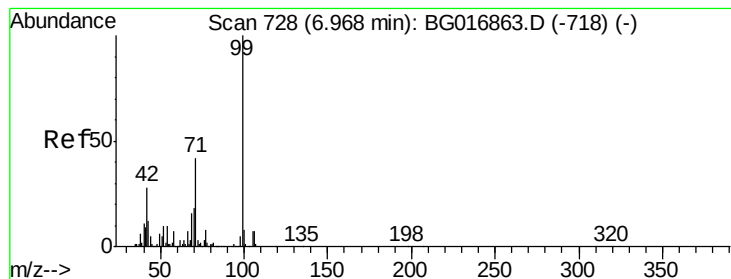
2-Fluorophenol
 Concen: 126.06 ng
 RT: 5.38 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: BG016899.D
 Acq: 6 May 2015 14:59

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

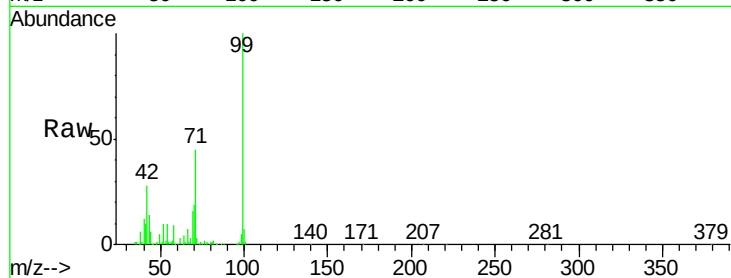
Tgt Ion: 99 Resp: 651563

Ion Ratio Lower Upper

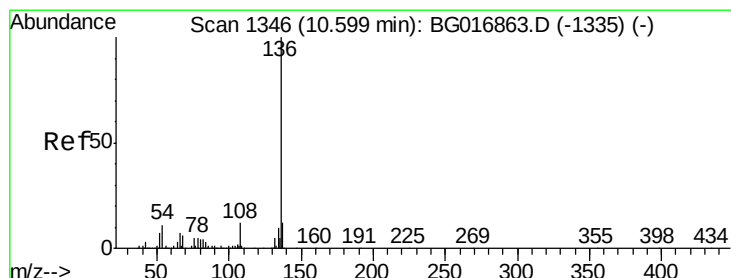
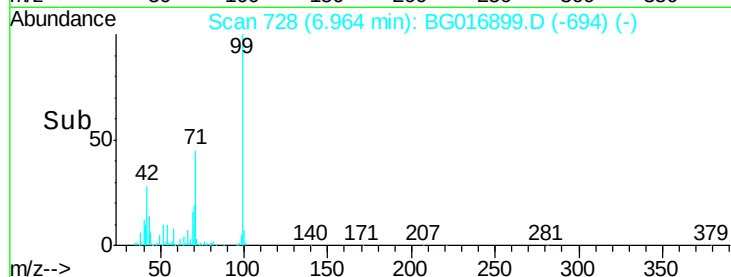
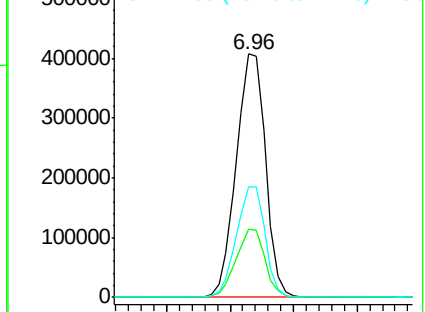
99 100

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

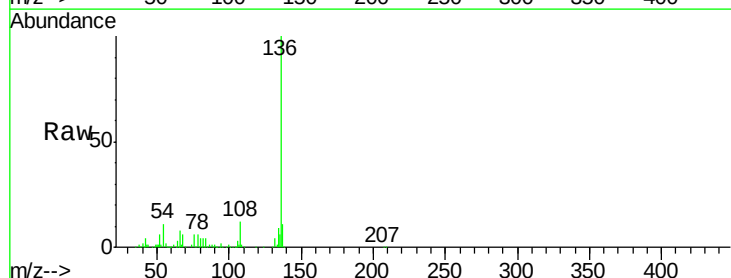
Ion Ratio Lower Upper

136 100

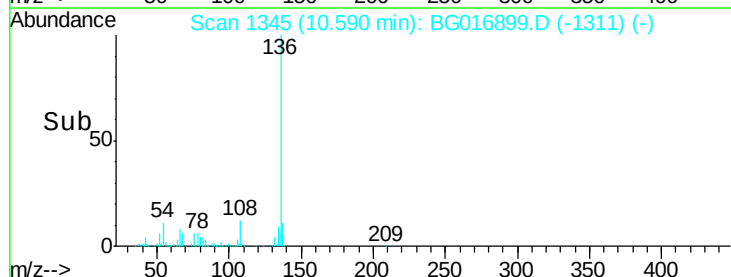
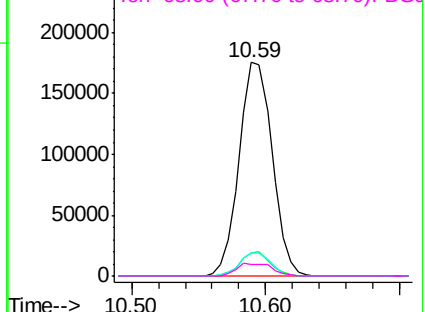
137 10.7 9.8 14.8

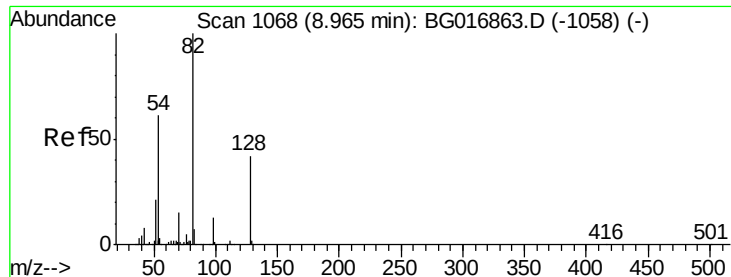
54 10.8 8.7 13.1

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

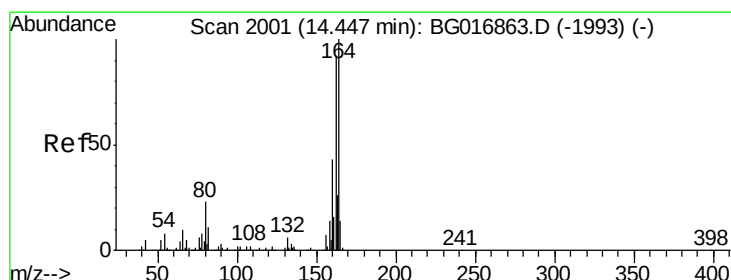
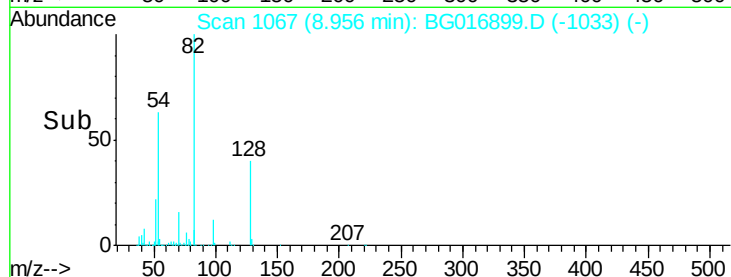
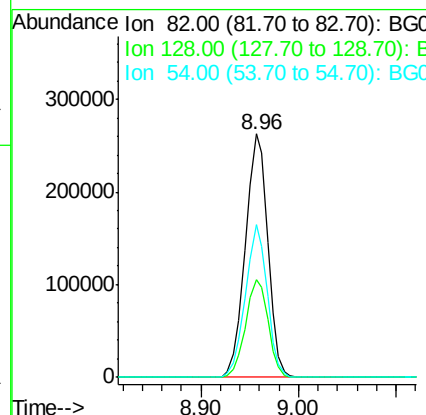
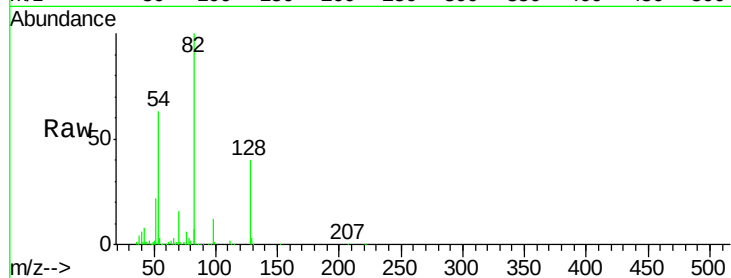




#23
 Nitrobenzene-d5
 Concen: 68.16 ng
 RT: 8.96 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: BG016899.D
 Acq: 6 May 2015 14:59

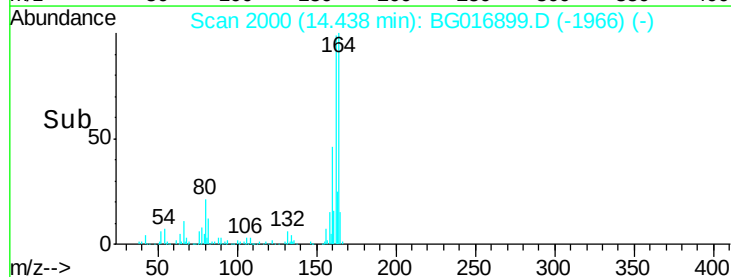
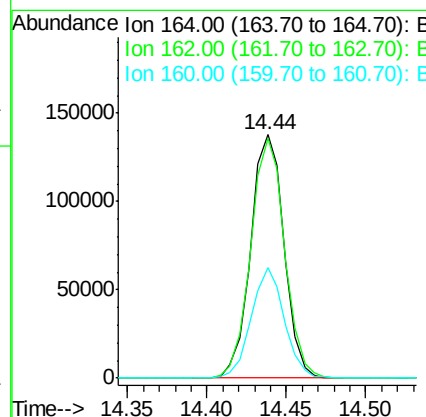
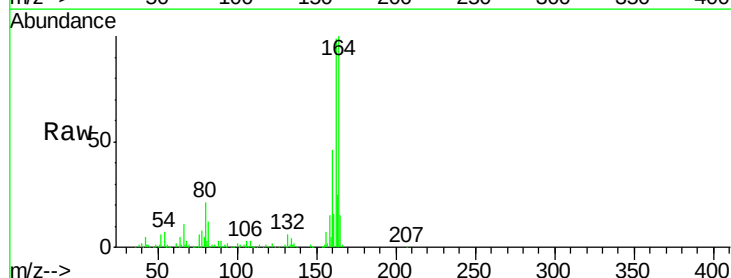
Instrument :
 BNA_G
 ClientSampleId :
 PB83100BL

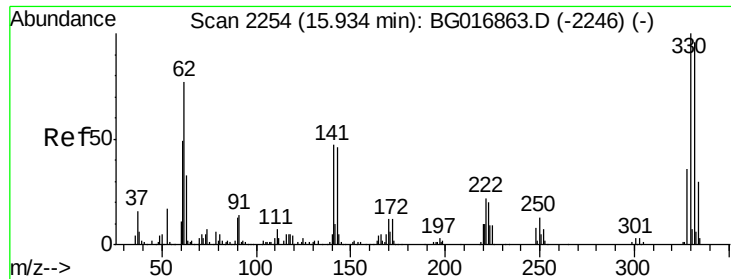
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.1	33.2	49.8
54	62.9	48.6	72.8



#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	Ratio	Lower	Upper
164	100		
162	98.6	74.0	111.0
160	45.5	34.7	52.1

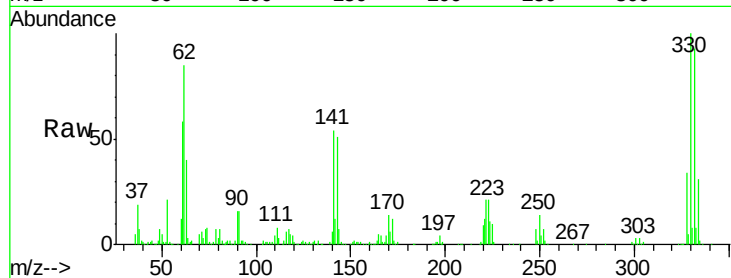




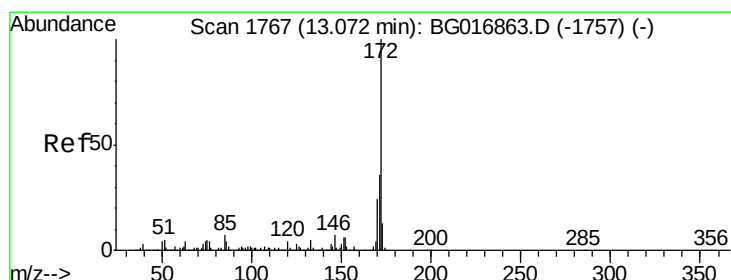
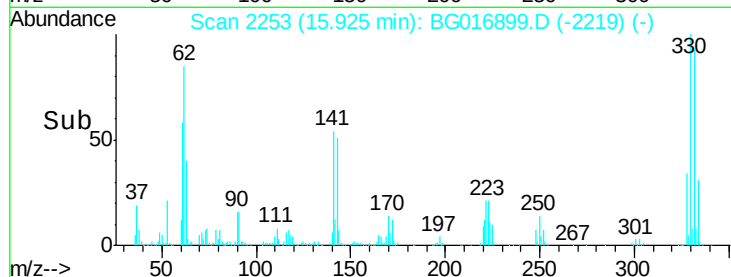
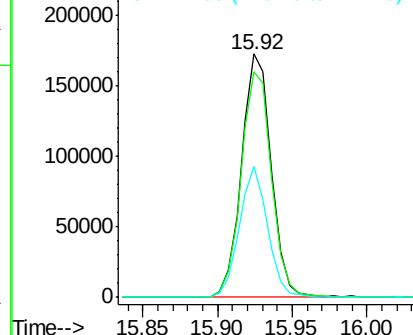
#41
 2,4,6-Tribromophenol
 Concen: 117.87 ng
 RT: 15.92 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: BG016899.D
 Acq: 6 May 2015 14:59

Instrument :
 BNA_G
 ClientSampleId :
 PB83100BL

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

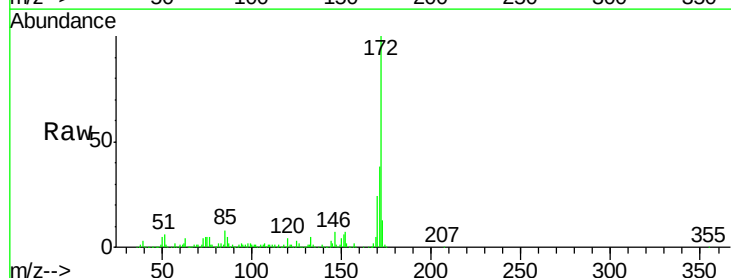


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

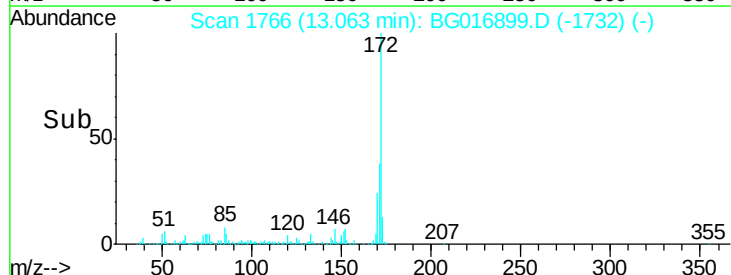
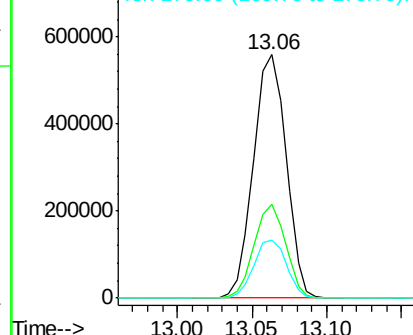


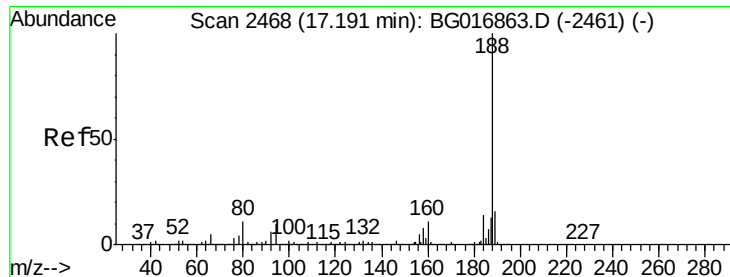
#44
 2-Fluorobiphenyl
 Concen: 63.51 ng
 RT: 13.06 min Scan# 1766
 Delta R.T. -0.00 min
 Lab File: BG016899.D
 Acq: 6 May 2015 14:59

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

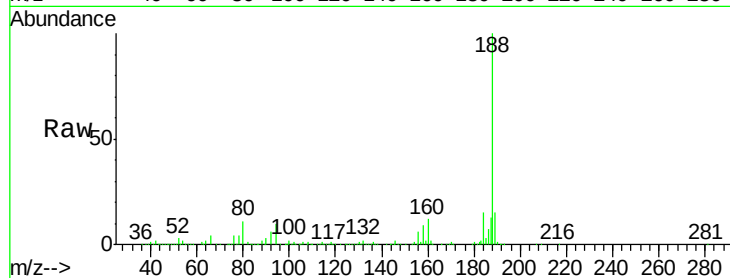




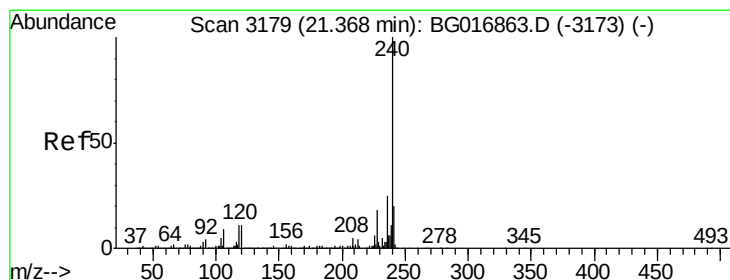
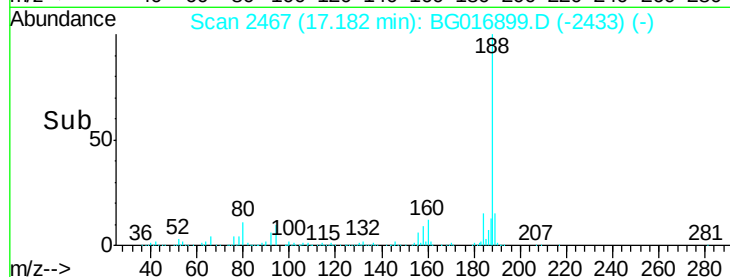
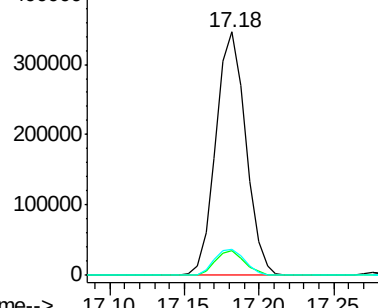
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.18 min Scan# 2467
Delta R.T. -0.00 min
Lab File: BG016899.D
Acq: 6 May 2015 14:59

Instrument :
BNA_G
ClientSampleId :
PB83100BL

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

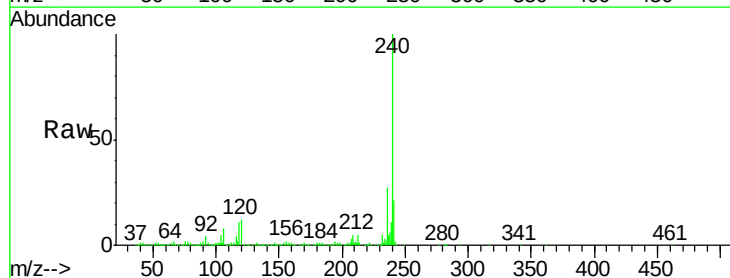


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

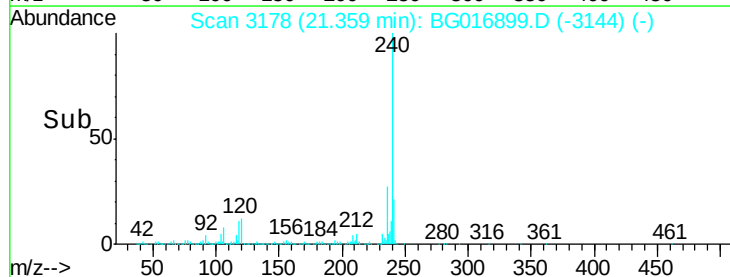
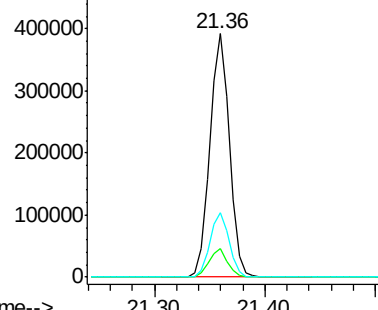


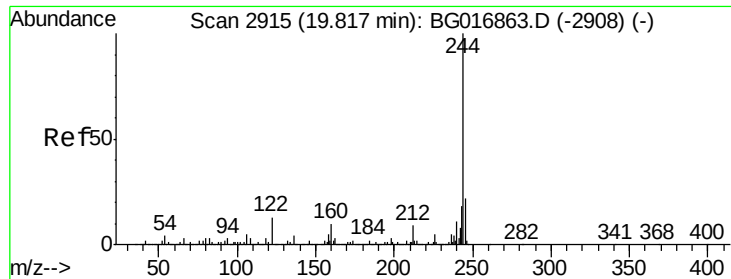
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.36 min Scan# 3178
Delta R.T. -0.00 min
Lab File: BG016899.D
Acq: 6 May 2015 14:59

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

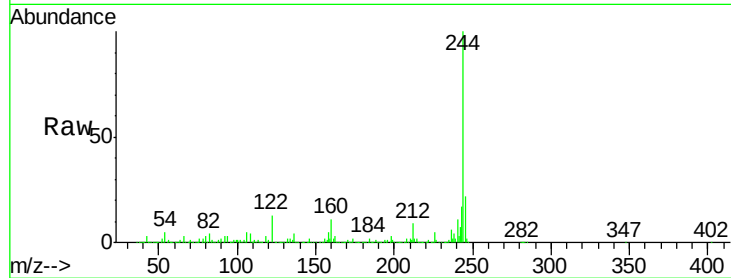
Tgt Ion:244 Resp: 1413596

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.6
122	13.2	10.4	15.6

244 100

212 8.8 7.0 10.6

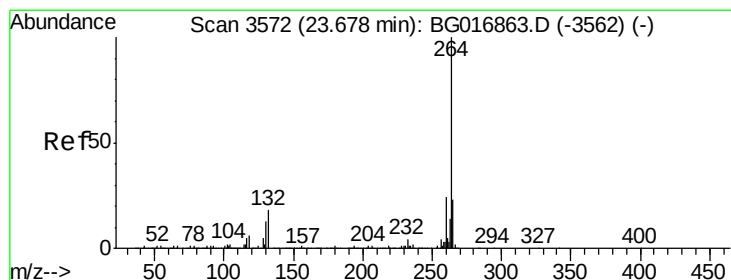
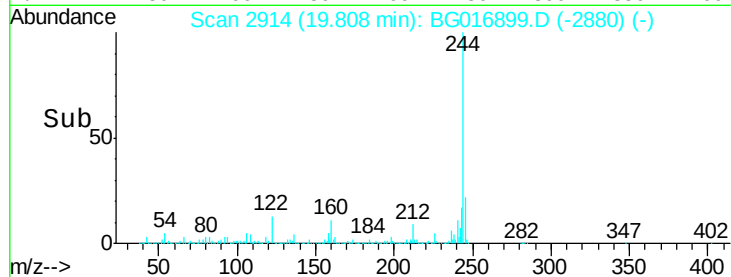
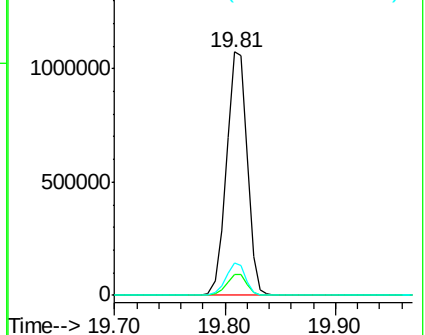
122 13.2 10.4 15.6



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

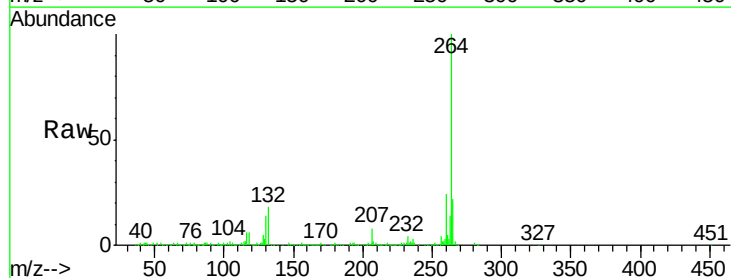
Tgt Ion:264 Resp: 466221

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	22.1	18.5	27.7

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

