

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041015\
 Data File : BG016323.D
 Acq On : 10 Apr 2015 17:46
 Operator : TP/IZ
 Sample : PB82680BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82680BL

Quant Time: Apr 11 03:38:18 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 11 03:24:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	66852	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	274481	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	150155	20.00	ng	0.00
63) Phenanthrene-d10	17.07	188	305496	20.00	ng	0.00
75) Chrysene-d12	21.25	240	322380	20.00	ng	0.00
86) Perylene-d12	23.49	264	296799	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	528396	124.74	ng	0.00
7) Phenol-d6	6.88	99	708529	111.42	ng	0.00
23) Nitrobenzene-d5	8.85	82	367775	77.62	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	128585	126.62	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	755630	85.68	ng	0.00
78) Terphenyl-d14	19.70	244	1046723	75.99	ng	0.00

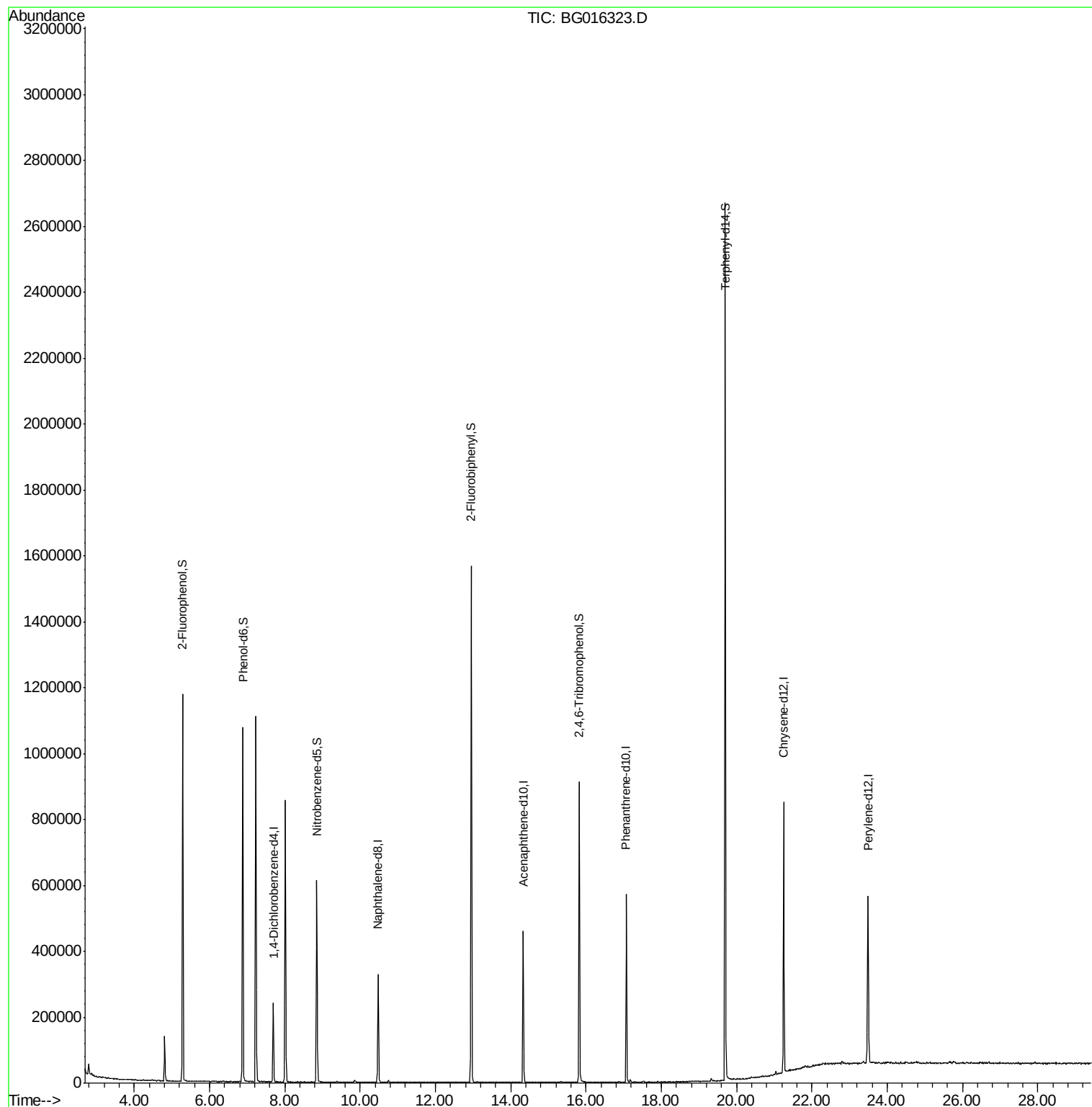
Target Compounds	Qvalue
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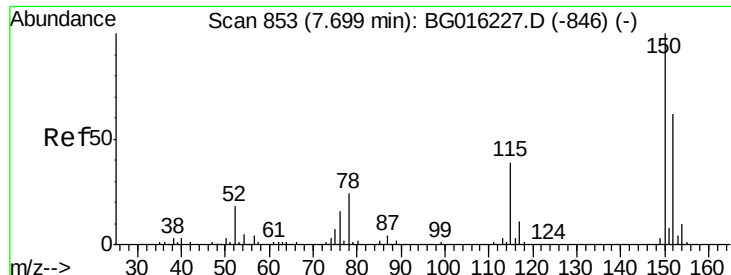
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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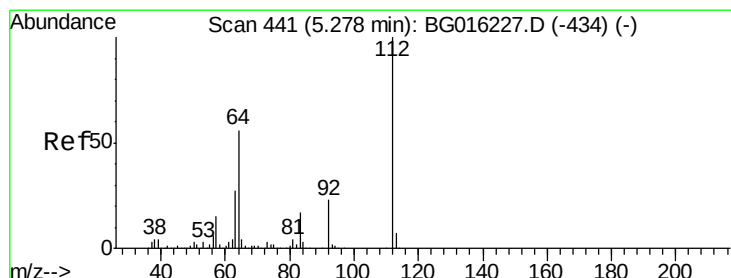
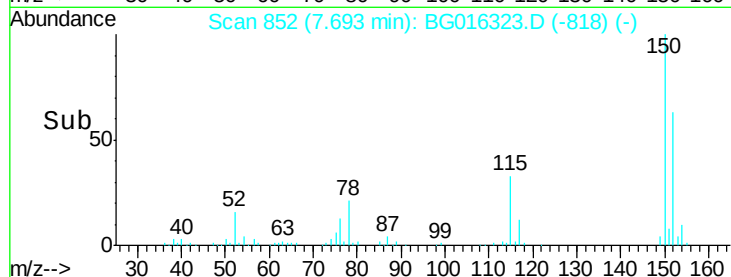
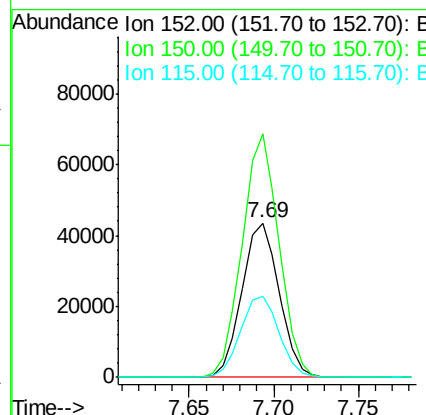
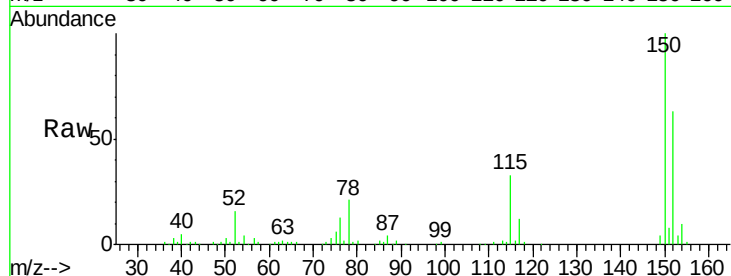




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.69 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BG016323.D
 Acq: 10 Apr 2015 17:46

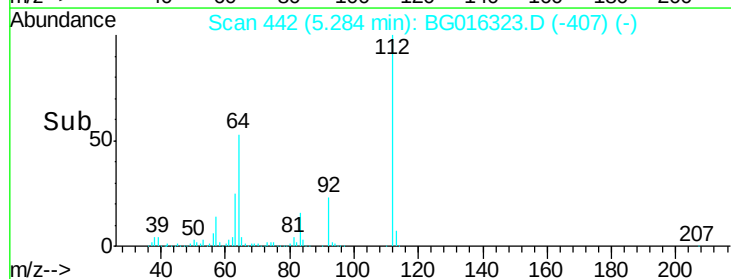
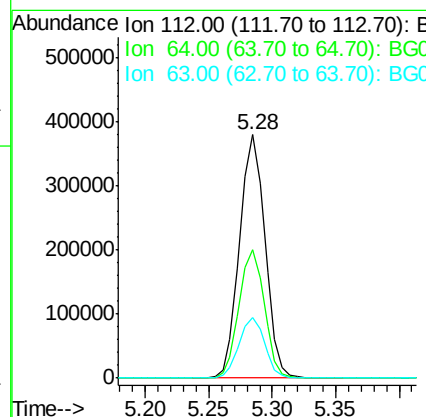
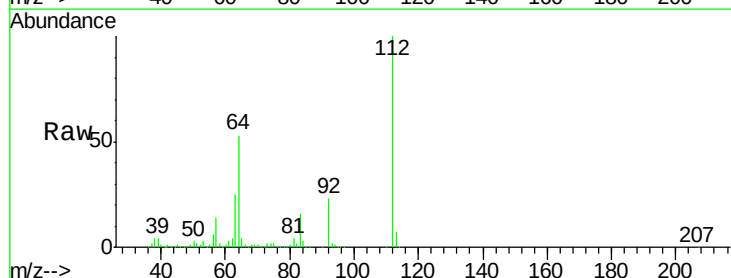
Instrument :
 BNA_G
 ClientSampleId :
 PB82680BL

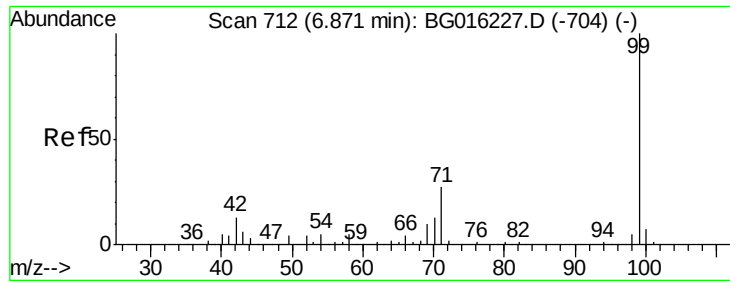
Tgt Ion:152 Resp: 66852
 Ion Ratio Lower Upper
 152 100
 150 157.8 130.1 195.1
 115 52.6 50.5 75.7



#5
 2-Fluorophenol
 Concen: 124.74 ng
 RT: 5.28 min Scan# 442
 Delta R.T. 0.01 min
 Lab File: BG016323.D
 Acq: 10 Apr 2015 17:46

Tgt Ion:112 Resp: 528396
 Ion Ratio Lower Upper
 112 100
 64 53.0 44.5 66.7
 63 25.0 21.4 32.0





#7

Phenol-d6

Concen: 111.42 ng

RT: 6.88 min Scan# 714

Delta R.T. 0.01 min

Lab File: BG016323.D

Acq: 10 Apr 2015 17:46

Instrument :

BNA_G

ClientSampleId :

PB82680BL

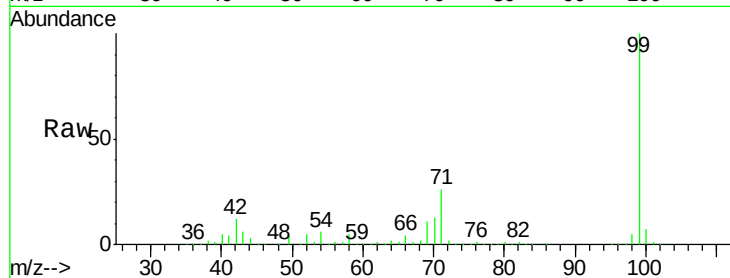
Tgt Ion: 99 Resp: 708529

Ion Ratio Lower Upper

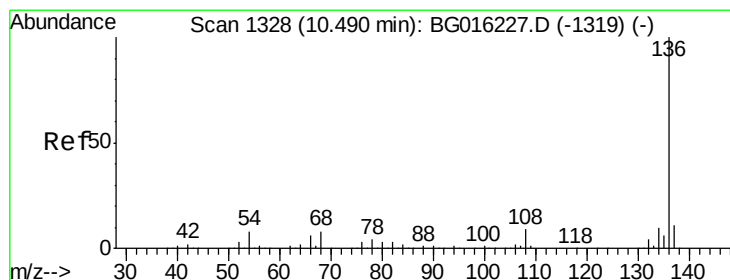
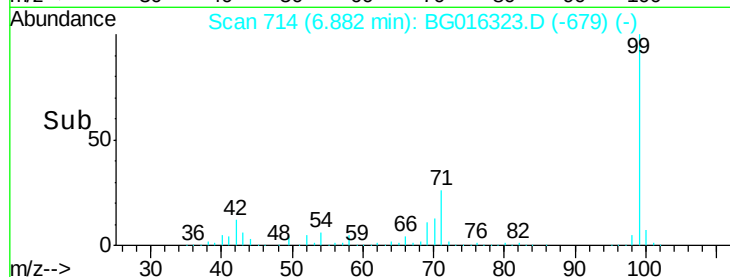
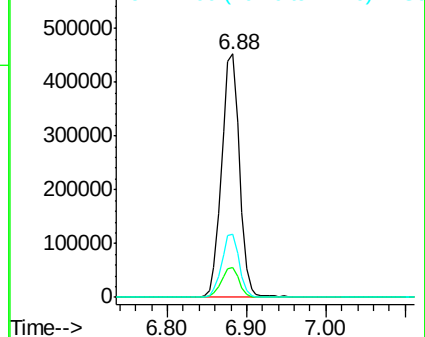
99 100

42 12.2 10.0 15.0

71 25.8 21.5 32.3



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: 10.48 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BG016323.D

Acq: 10 Apr 2015 17:46

Tgt Ion: 136 Resp: 274481

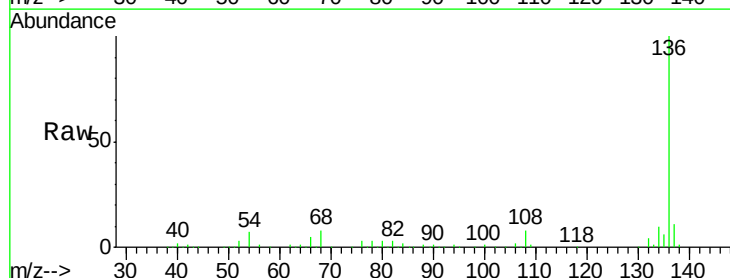
Ion Ratio Lower Upper

136 100

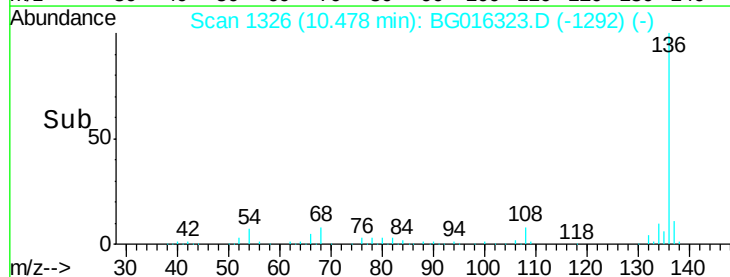
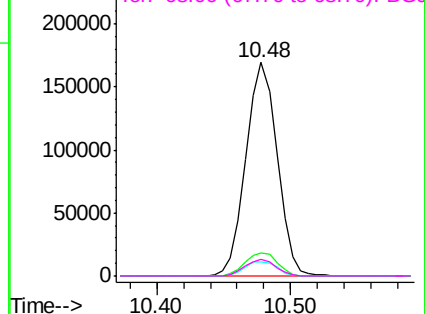
137 10.7 8.7 13.1

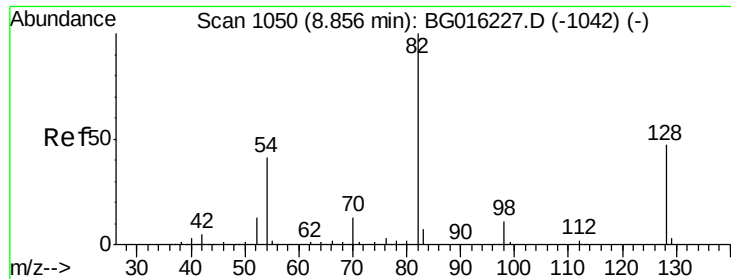
54 6.8 6.3 9.5

68 7.5 6.5 9.7



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

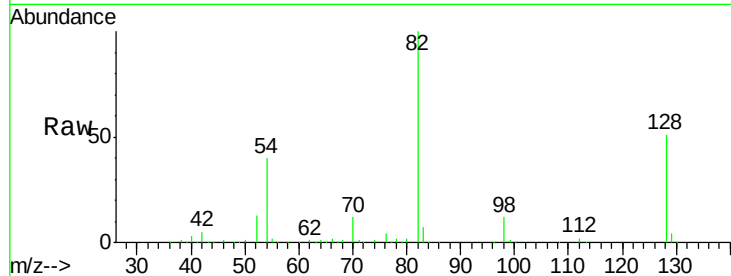




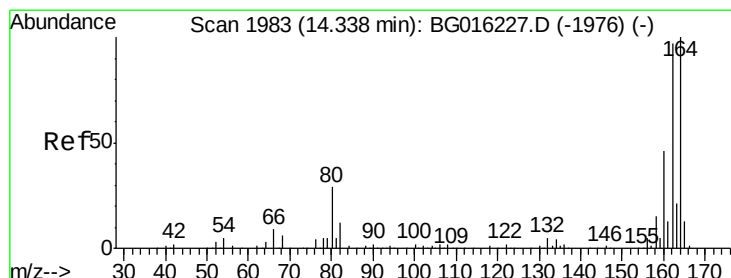
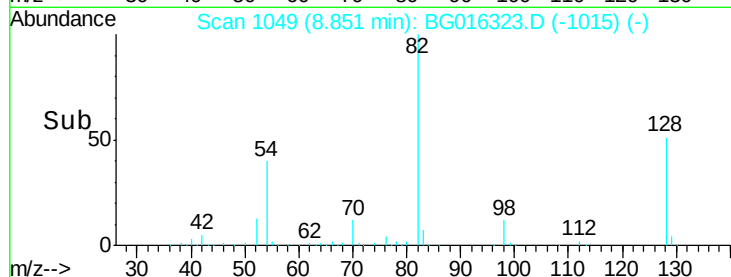
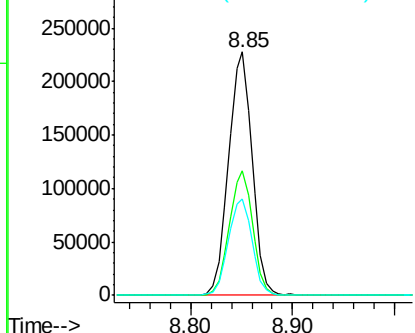
#23
 Nitrobenzene-d5
 Concen: 77.62 ng
 RT: 8.85 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BG016323.D
 Acq: 10 Apr 2015 17:46

Instrument :
 BNA_G
 ClientSampleId :
 PB82680BL

Tgt Ion: 82 Resp: 367775
 Ion Ratio Lower Upper
 82 100
 128 51.3 37.8 56.8
 54 39.7 32.6 49.0

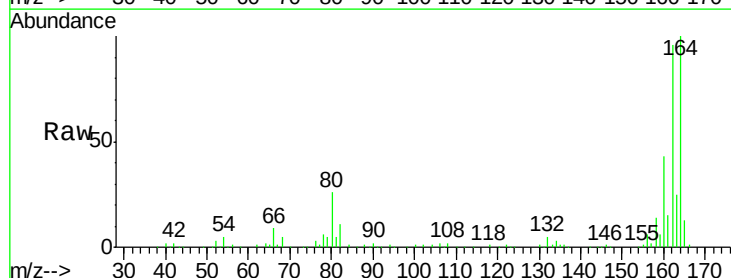


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

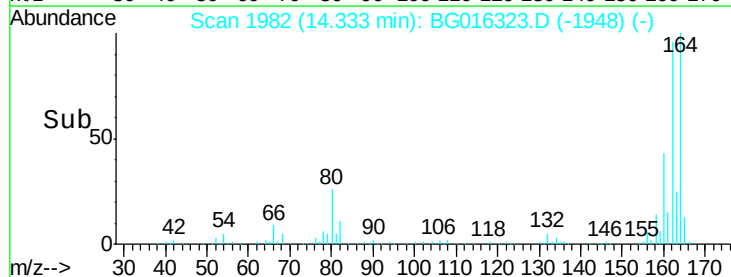
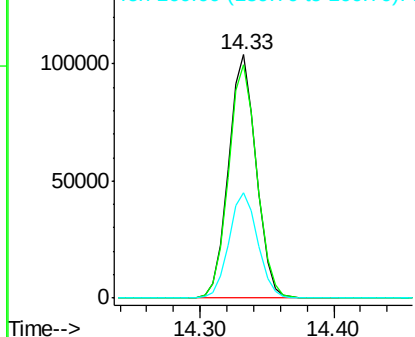


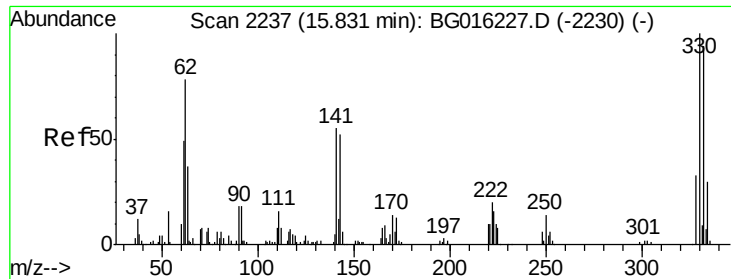
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.33 min Scan# 1982
 Delta R.T. -0.00 min
 Lab File: BG016323.D
 Acq: 10 Apr 2015 17:46

Tgt Ion: 164 Resp: 150155
 Ion Ratio Lower Upper
 164 100
 162 96.1 77.3 115.9
 160 43.5 36.7 55.1



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

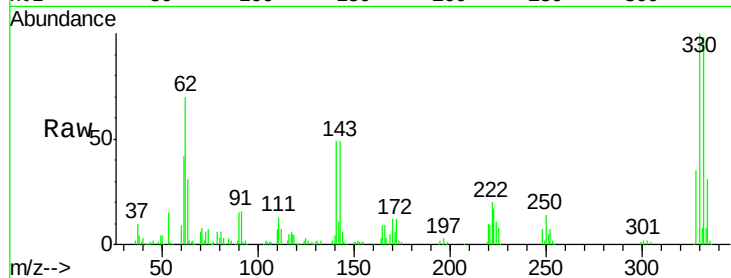




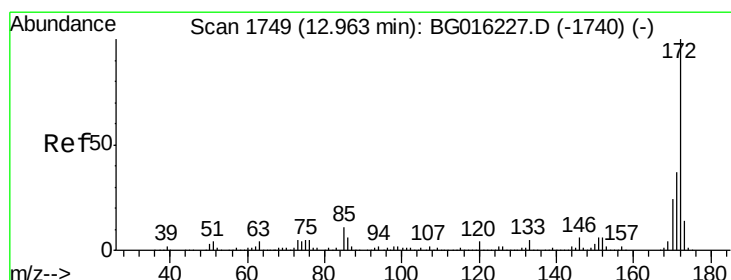
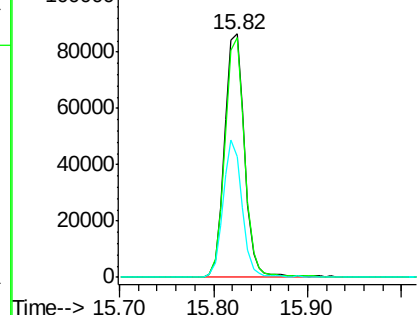
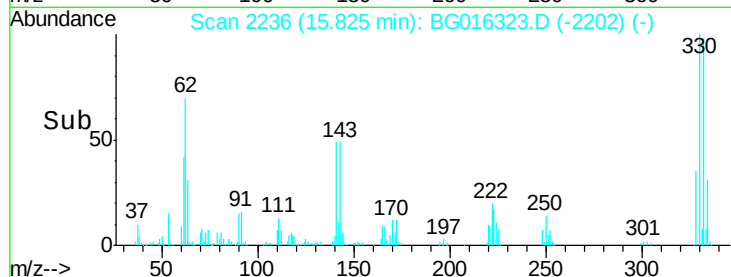
#41
 2,4,6-Tribromophenol
 Concen: 126.62 ng
 RT: 15.82 min Scan# 2236
 Delta R.T. -0.00 min
 Lab File: BG016323.D
 Acq: 10 Apr 2015 17:46

Instrument :
 BNA_G
 ClientSampleId :
 PB82680BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	75.8	113.6
141	53.5	46.6	69.8

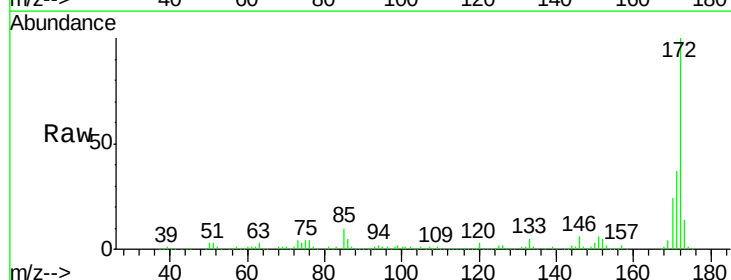


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

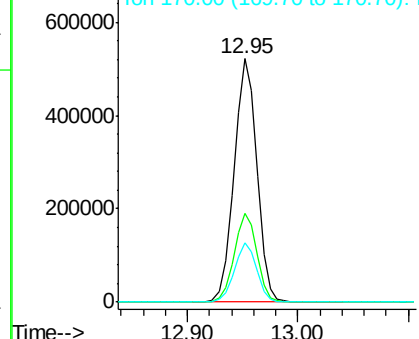
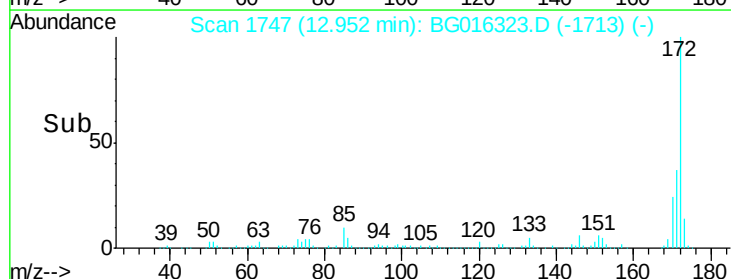


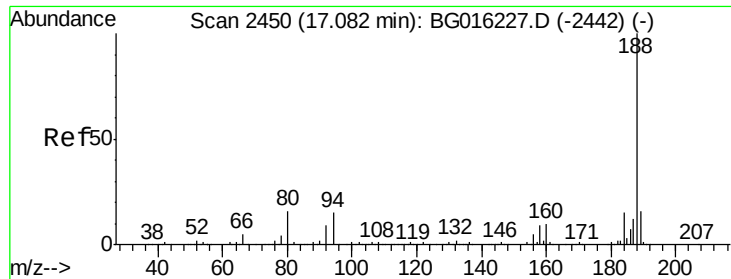
#44
 2-Fluorobiphenyl
 Concen: 85.68 ng
 RT: 12.95 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: BG016323.D
 Acq: 10 Apr 2015 17:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.4	19.4	29.2



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

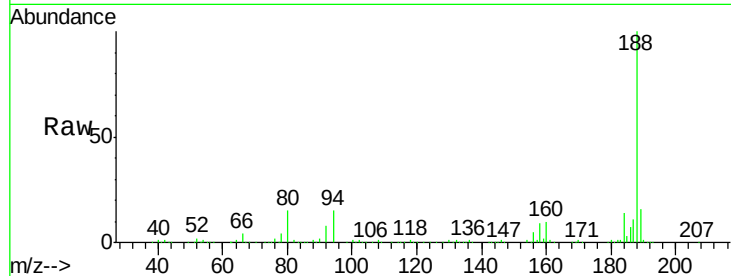




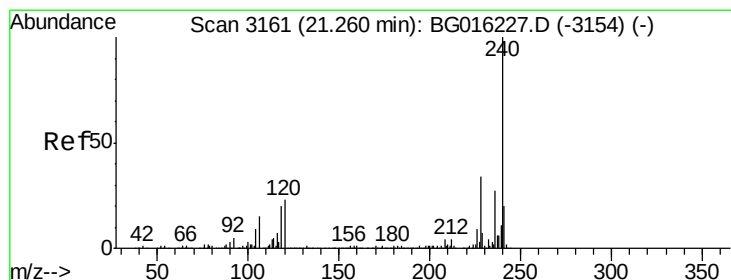
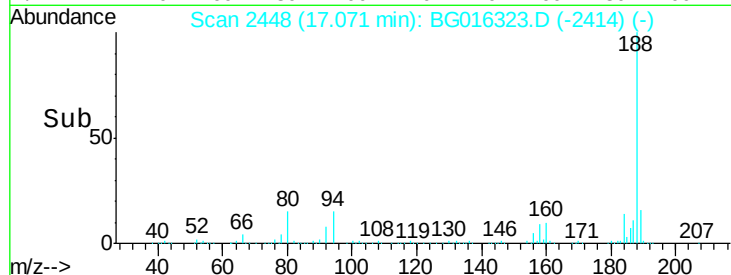
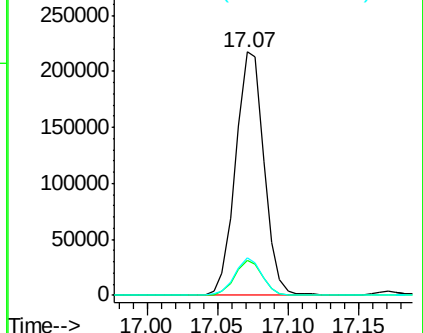
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.07 min Scan# 2448
Delta R.T. -0.00 min
Lab File: BG016323.D
Acq: 10 Apr 2015 17:46

Instrument :
BNA_G
ClientSampleId :
PB82680BL

Tgt Ion:188 Resp: 305496
Ion Ratio Lower Upper
188 100
94 14.6 12.2 18.4
80 15.3 12.8 19.2

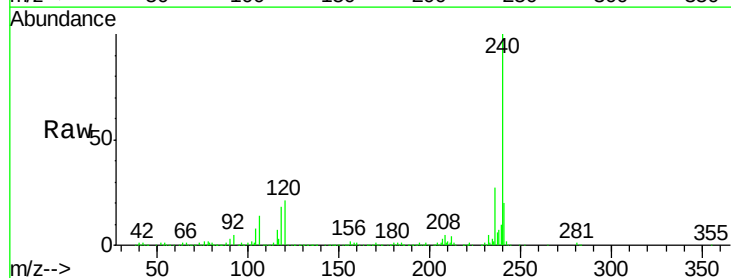


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

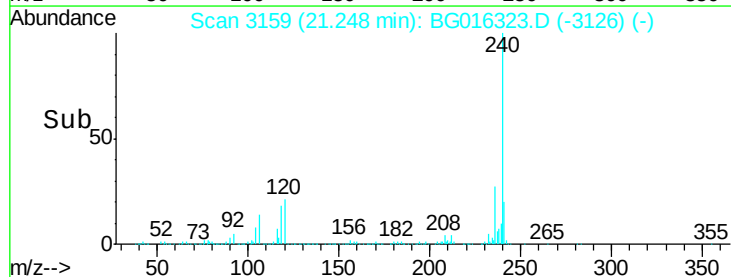
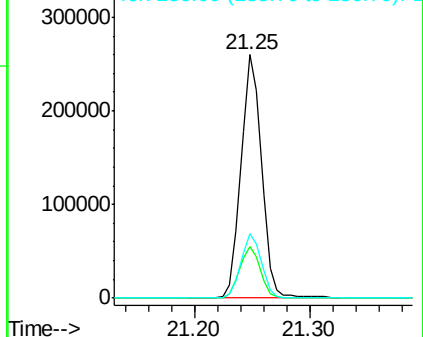


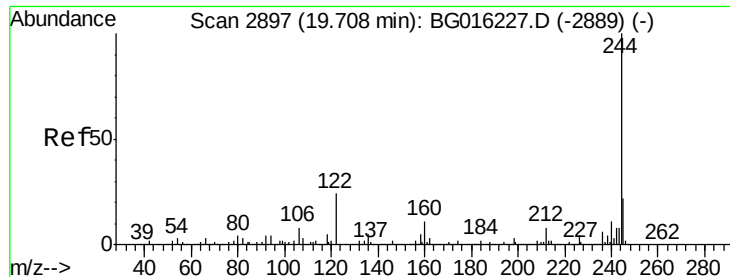
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.25 min Scan# 3159
Delta R.T. -0.01 min
Lab File: BG016323.D
Acq: 10 Apr 2015 17:46

Tgt Ion:240 Resp: 322380
Ion Ratio Lower Upper
240 100
120 21.3 18.6 28.0
236 26.6 21.7 32.5



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: 75.99 ng

RT: 19.70 min Scan# 2896

Delta R.T. -0.00 min

Lab File: BG016323.D

Acq: 10 Apr 2015 17:46

Instrument :

BNA_G

ClientSampled :

PB82680BL

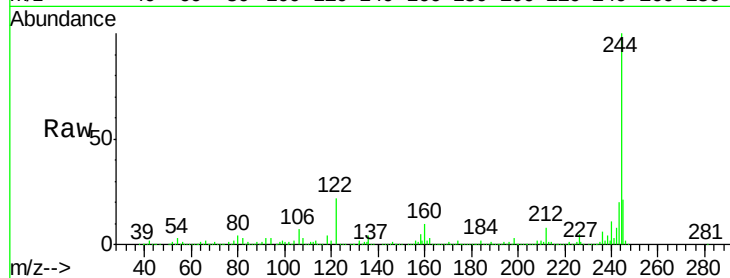
Tgt Ion:244 Resp: 1046723

Ion Ratio Lower Upper

244 100

212 8.1 6.6 9.8

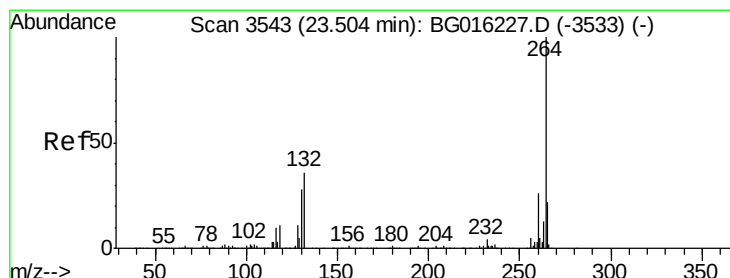
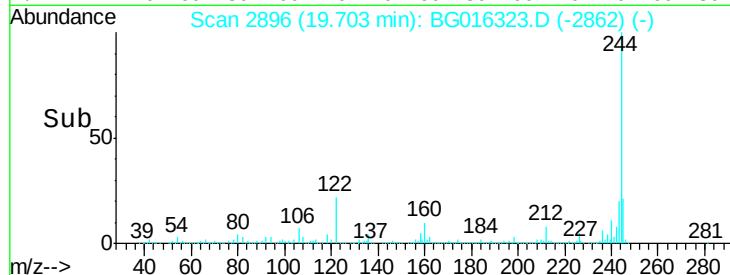
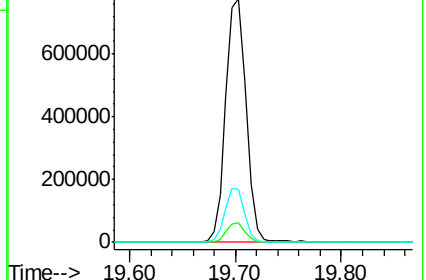
122 21.6 19.1 28.7



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: 23.49 min Scan# 3541

Delta R.T. -0.00 min

Lab File: BG016323.D

Acq: 10 Apr 2015 17:46

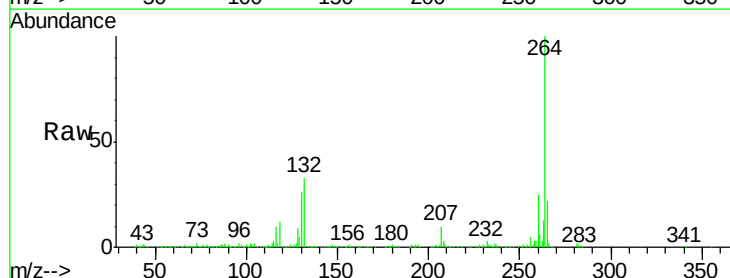
Tgt Ion:264 Resp: 296799

Ion Ratio Lower Upper

264 100

260 24.8 20.4 30.6

265 22.4 17.2 25.8



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

