

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032515\
 Data File : BG016123.D
 Acq On : 26 Mar 2015 4:21
 Operator : TP/IZ
 Sample : PB82242BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82242BL

Quant Time: Mar 26 05:08:22 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 26 02:10:27 2015
 Response via : Initial Calibration

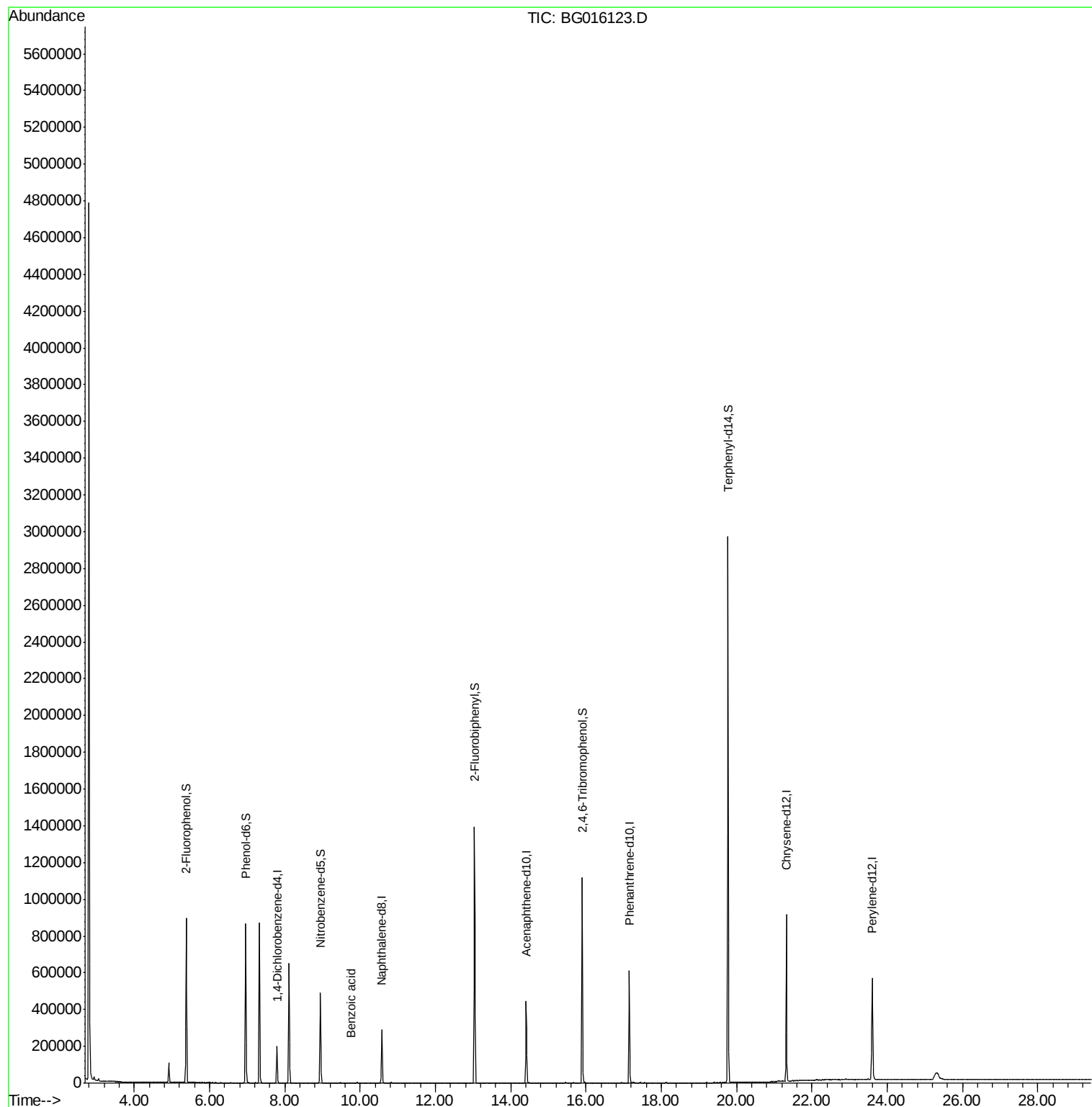
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	56674	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	240953	20.00	ng	0.00
38) Acenaphthene-d10	14.41	164	151142	20.00	ng	0.00
63) Phenanthrene-d10	17.15	188	356821	20.00	ng	0.00
75) Chrysene-d12	21.32	240	393314	20.00	ng	0.00
86) Perylene-d12	23.61	264	379681	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	423812	128.96	ng	0.00
7) Phenol-d6	6.96	99	568819	122.56	ng	0.00
23) Nitrobenzene-d5	8.94	82	291102	75.78	ng	0.00
41) 2,4,6-Tribromophenol	15.90	330	215253	122.25	ng	0.00
44) 2-Fluorobiphenyl	13.04	172	722847	83.17	ng	0.00
78) Terphenyl-d14	19.78	244	1237394	84.80	ng	0.00
Target Compounds						
32) Benzoic acid	9.75	122	82	3.82	ng	Qvalue # 1

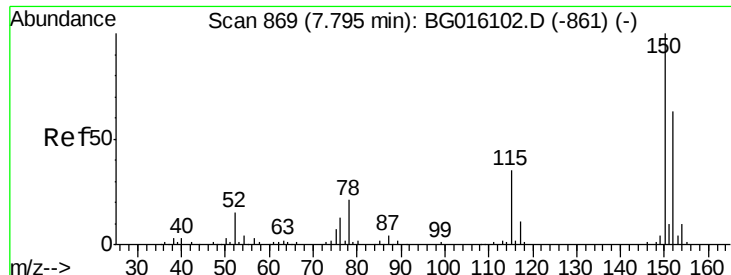
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.79 min Scan# 869

Delta R.T. -0.00 min

Lab File: BG016123.D

Acq: 26 Mar 2015 4:21

Instrument :

BNA_G

ClientSampleId :

PB82242BL

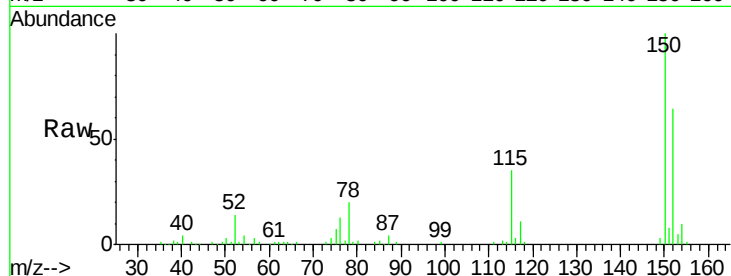
Tgt Ion:152 Resp: 56674

Ion Ratio Lower Upper

152 100

150 157.0 126.1 189.1

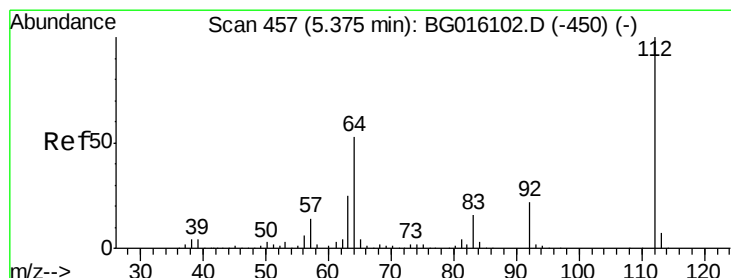
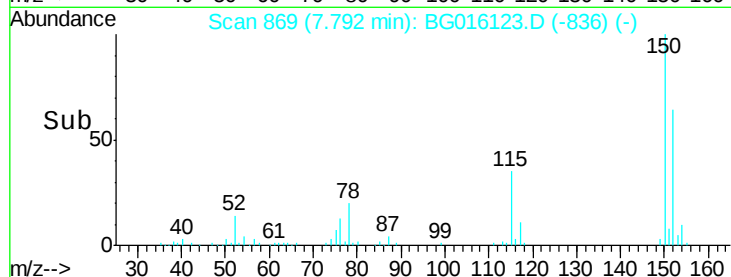
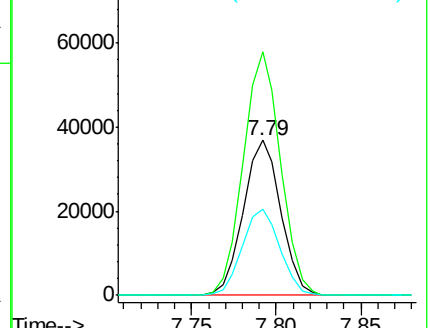
115 55.4 43.7 65.5



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: 128.96 ng

RT: 5.38 min Scan# 458

Delta R.T. 0.00 min

Lab File: BG016123.D

Acq: 26 Mar 2015 4:21

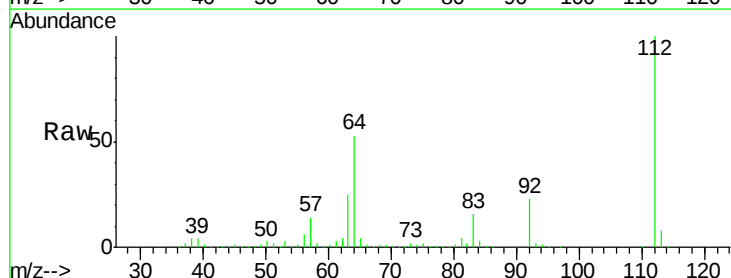
Tgt Ion:112 Resp: 423812

Ion Ratio Lower Upper

112 100

64 53.0 42.6 64.0

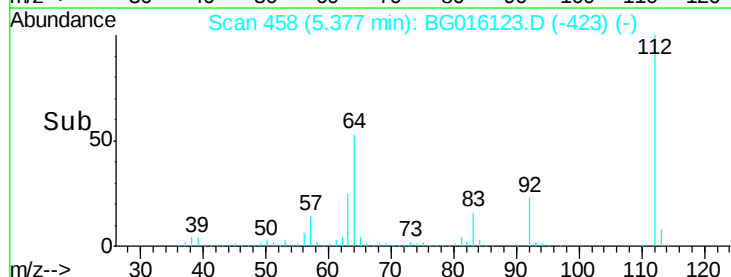
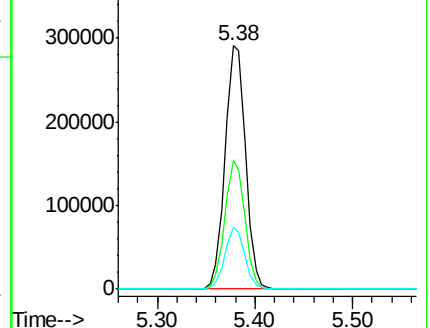
63 25.3 19.9 29.9

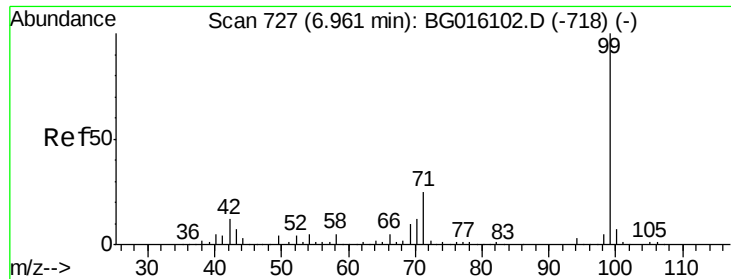


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 122.56 ng

RT: 6.96 min Scan# 727

Delta R.T. -0.00 min

Lab File: BG016123.D

Acq: 26 Mar 2015 4:21

Instrument :

BNA_G

ClientSampleId :

PB82242BL

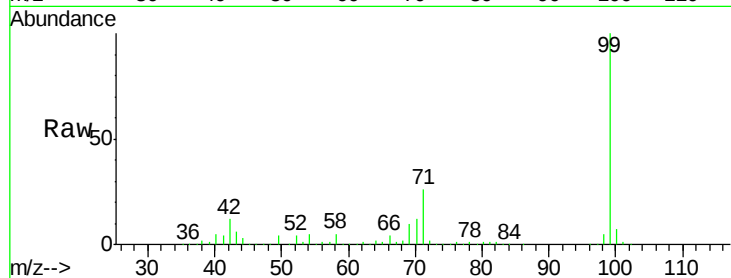
Tgt Ion: 99 Resp: 568819

Ion Ratio Lower Upper

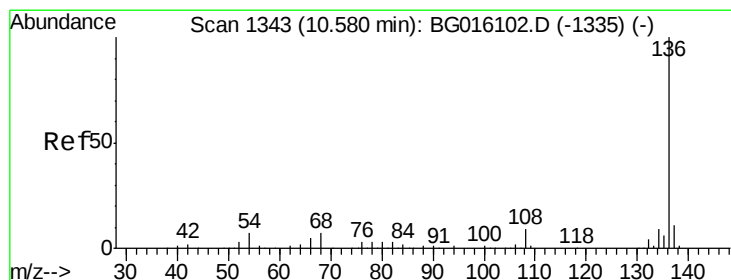
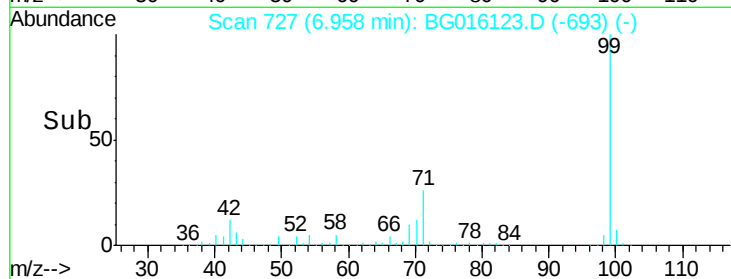
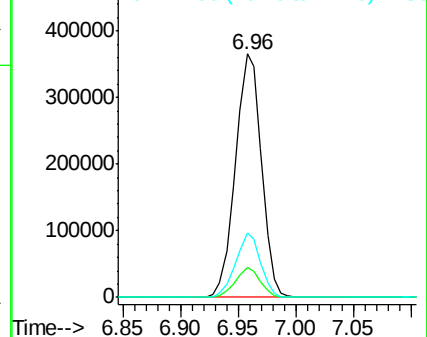
99 100

42 12.4 9.4 14.0

71 26.4 19.9 29.9



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. -0.00 min

Lab File: BG016123.D

Acq: 26 Mar 2015 4:21

Tgt Ion: 136 Resp: 240953

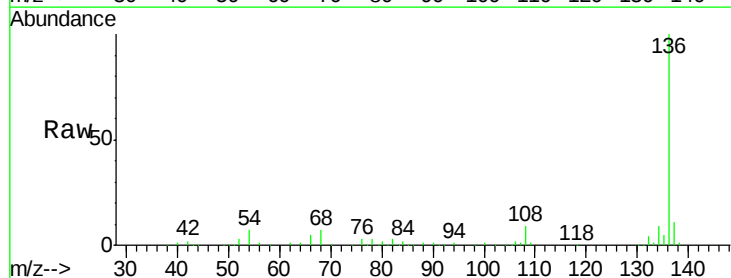
Ion Ratio Lower Upper

136 100

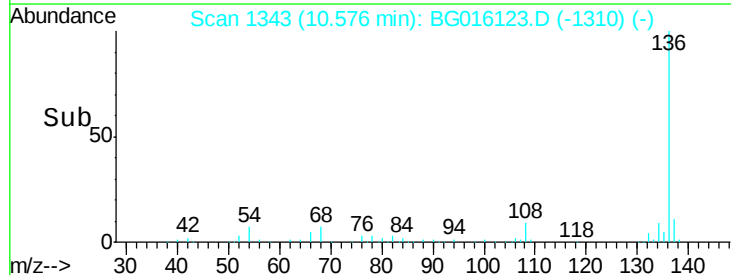
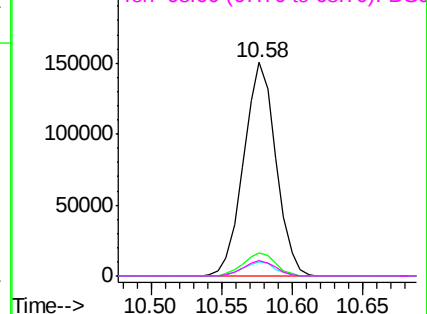
137 10.6 9.0 13.4

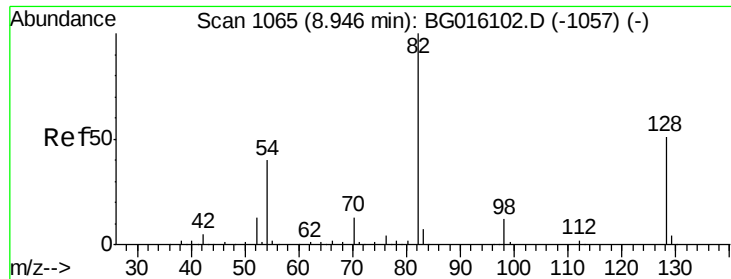
54 6.6 5.5 8.3

68 7.2 6.0 9.0



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

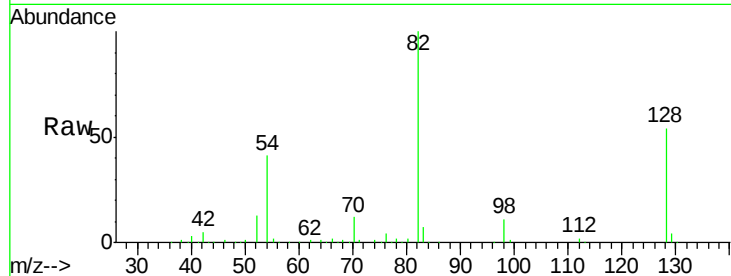




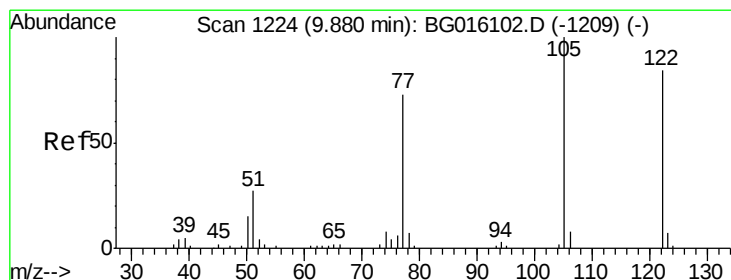
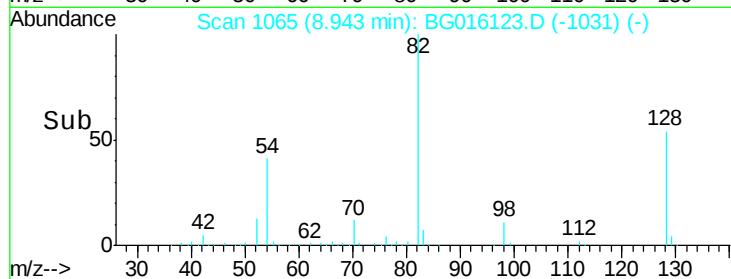
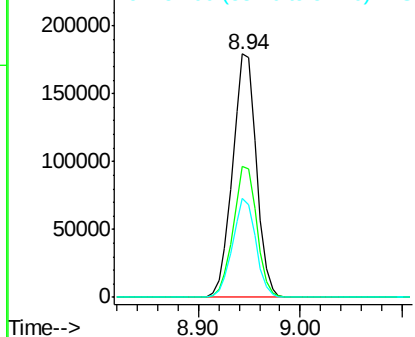
#23
 Nitrobenzene-d5
 Concen: 75.78 ng
 RT: 8.94 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: BG016123.D
 Acq: 26 Mar 2015 4:21

Instrument :
 BNA_G
 ClientSampleId :
 PB82242BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	53.7	40.4	60.6
54	40.9	32.1	48.1

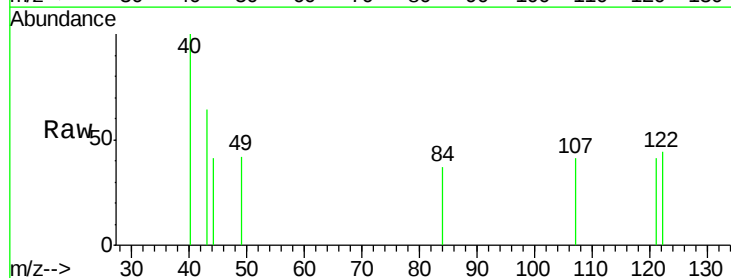


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

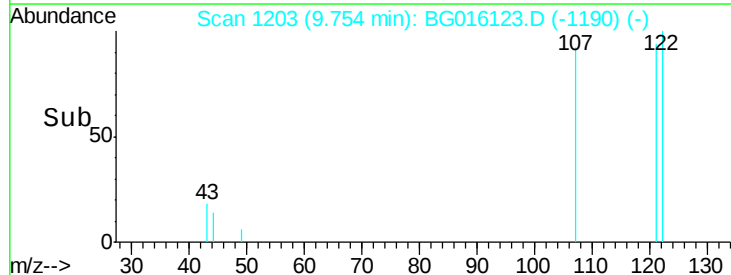
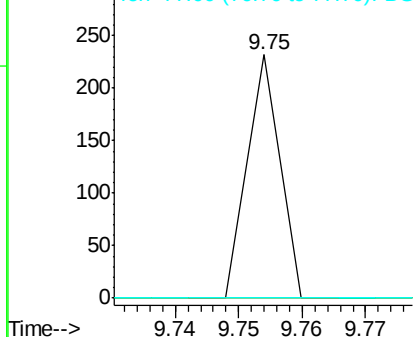


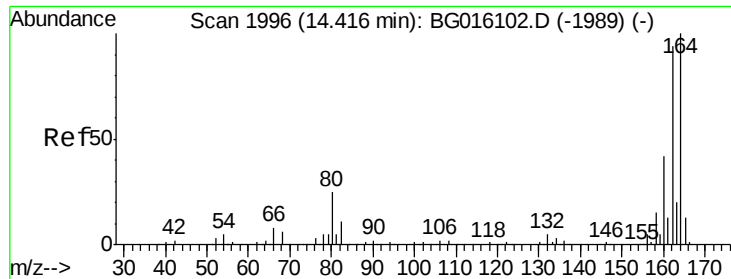
#32
 Benzoic acid
 Concen: 3.82 ng
 RT: 9.75 min Scan# 1203
 Delta R.T. -0.13 min
 Lab File: BG016123.D
 Acq: 26 Mar 2015 4:21

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	97.2	137.2#
77	0.0	65.0	105.0#



Abundance Ion 122.00 (121.70 to 122.70): BGC
 Ion 105.00 (104.70 to 105.70): BGC
 Ion 77.00 (76.70 to 77.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.41 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BG016123.D

Acq: 26 Mar 2015 4:21

Instrument :

BNA_G

ClientSampleId :

PB82242BL

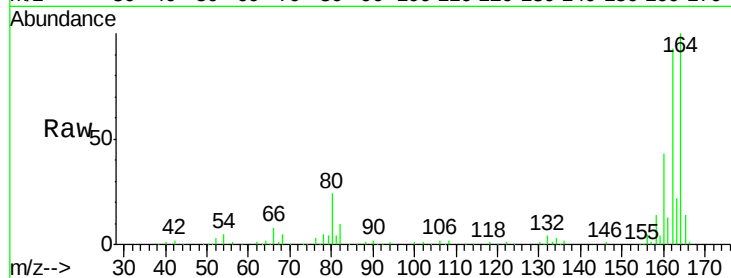
Tgt Ion:164 Resp: 151142

Ion Ratio Lower Upper

164 100

162 93.2 75.2 112.8

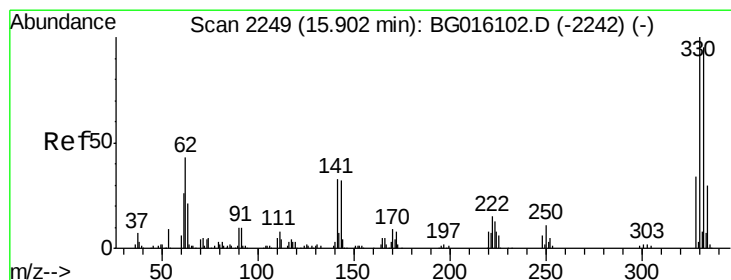
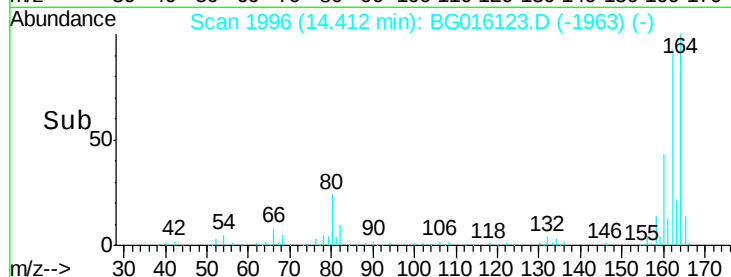
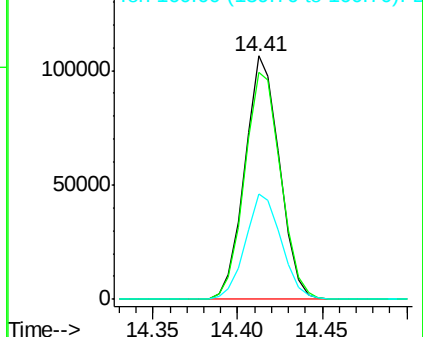
160 43.0 33.9 50.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 122.25 ng

RT: 15.90 min Scan# 2249

Delta R.T. -0.00 min

Lab File: BG016123.D

Acq: 26 Mar 2015 4:21

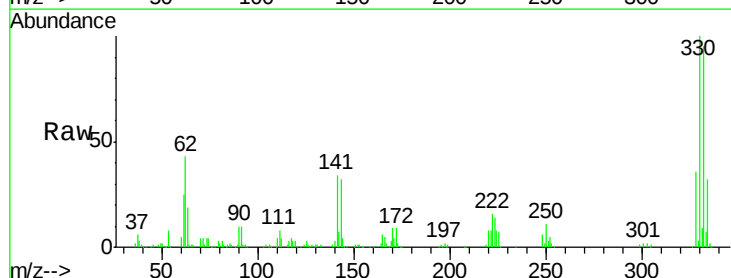
Tgt Ion:330 Resp: 215253

Ion Ratio Lower Upper

330 100

332 97.0 76.6 114.8

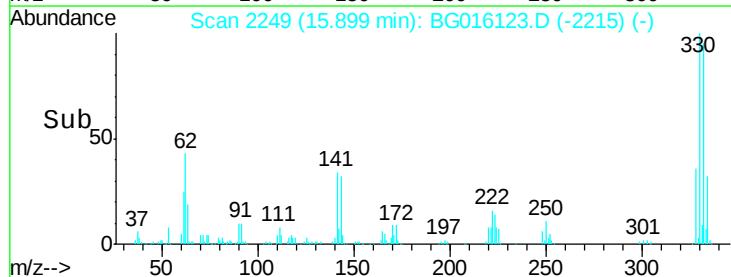
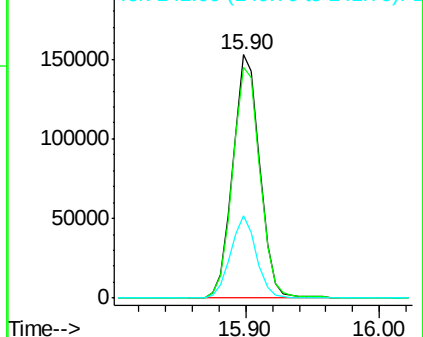
141 32.7 26.2 39.4

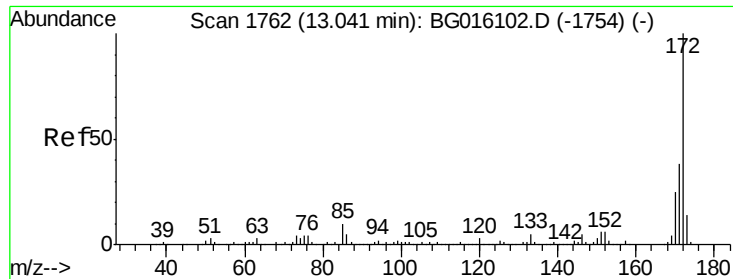


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

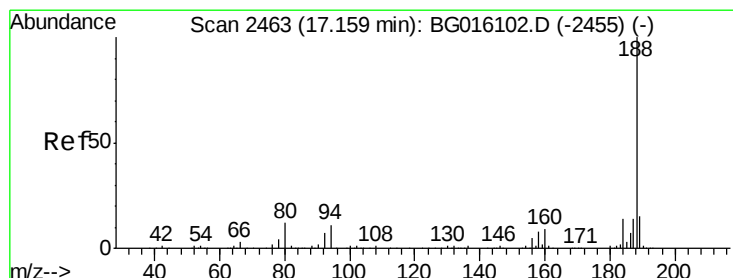
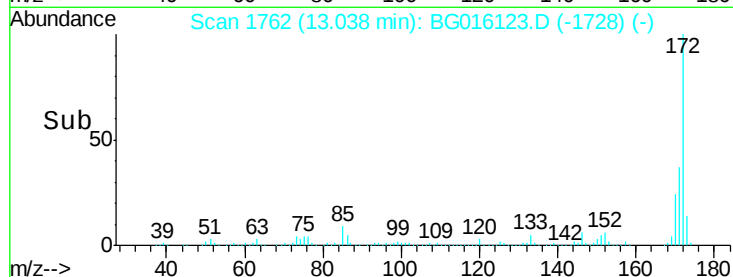
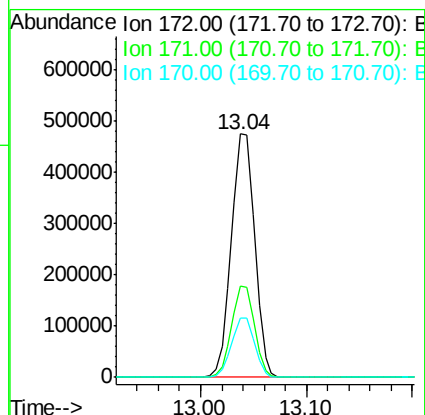
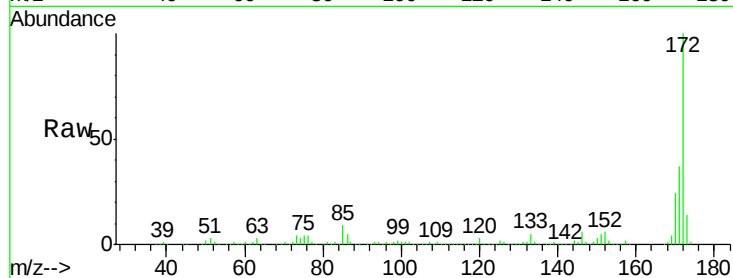




#44
 2-Fluorobiphenyl
 Concen: 83.17 ng
 RT: 13.04 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: BG016123.D
 Acq: 26 Mar 2015 4:21

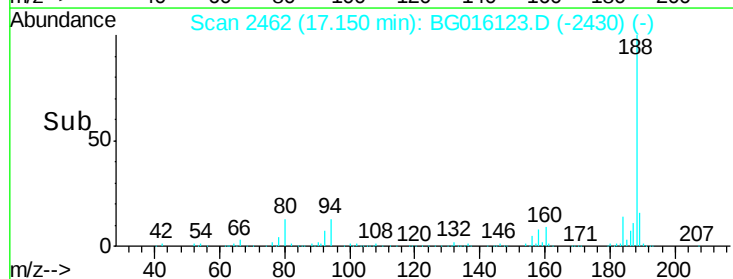
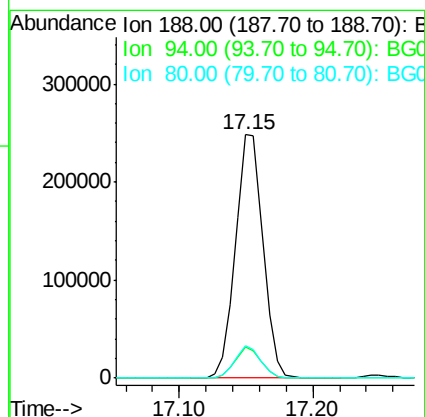
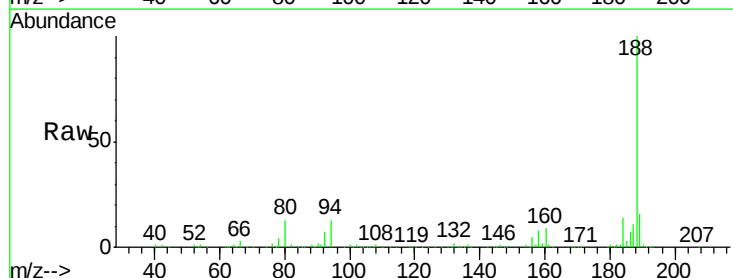
Instrument :
 BNA_G
 ClientSampleId :
 PB82242BL

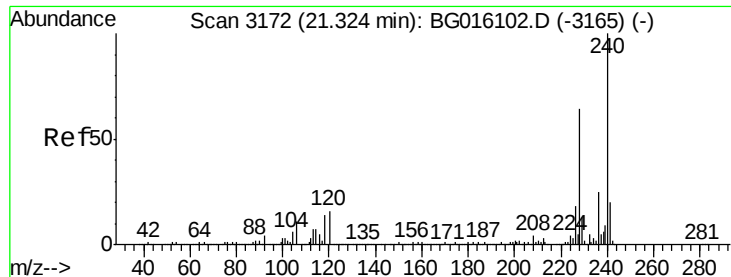
Tgt Ion:172 Resp: 722847
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.3 45.5
 170 24.5 19.8 29.8



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.15 min Scan# 2462
 Delta R.T. -0.01 min
 Lab File: BG016123.D
 Acq: 26 Mar 2015 4:21

Tgt Ion:188 Resp: 356821
 Ion Ratio Lower Upper
 188 100
 94 12.5 9.1 13.7
 80 13.1 9.8 14.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.32 min Scan# 3172

Delta R.T. -0.00 min

Lab File: BG016123.D

Acq: 26 Mar 2015 4:21

Instrument :

BNA_G

ClientSampleId :

PB82242BL

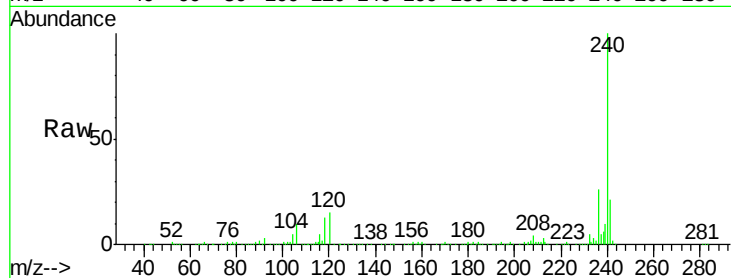
Tgt Ion:240 Resp: 393314

Ion Ratio Lower Upper

240 100

120 15.2 13.0 19.4

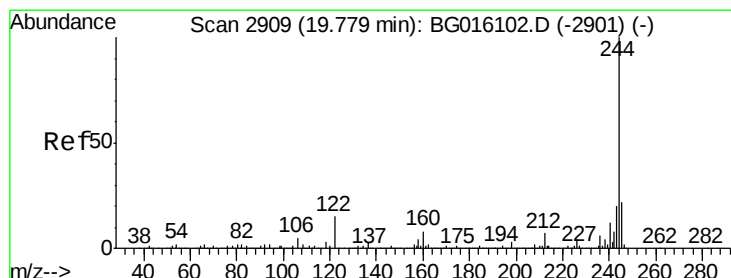
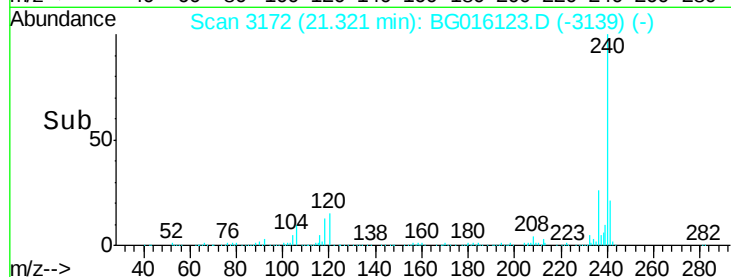
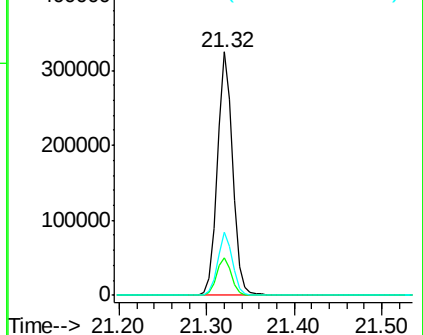
236 25.9 20.2 30.2



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: 84.80 ng

RT: 19.78 min Scan# 2909

Delta R.T. -0.00 min

Lab File: BG016123.D

Acq: 26 Mar 2015 4:21

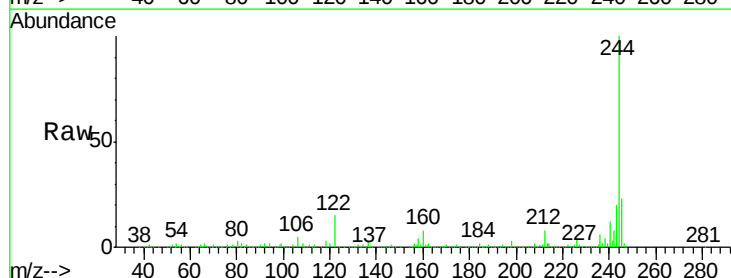
Tgt Ion:244 Resp: 1237394

Ion Ratio Lower Upper

244 100

212 7.8 5.9 8.9

122 15.5 12.2 18.2



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

