

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042215\
 Data File : BG016623.D
 Acq On : 22 Apr 2015 17:20
 Operator : TP/IZ
 Sample : G1948-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JAMAICAFIELDBLANK-3-4-17-15

Quant Time: Apr 23 02:00:33 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 01:45:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	47950	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	199741	20.00	ng	0.00
38) Acenaphthene-d10	14.28	164	115134	20.00	ng	0.00
63) Phenanthrene-d10	17.02	188	275812	20.00	ng	0.00
75) Chrysene-d12	21.21	240	301942	20.00	ng	0.00
86) Perylene-d12	23.43	264	283683	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	169639	56.70	ng	0.01
7) Phenol-d6	6.83	99	137188	32.82	ng	0.00
23) Nitrobenzene-d5	8.80	82	286724	88.39	ng	0.00
41) 2,4,6-Tribromophenol	15.78	330	137964	176.43	ng	0.00
44) 2-Fluorobiphenyl	12.90	172	650363	93.55	ng	0.00
78) Terphenyl-d14	19.65	244	985557	78.64	ng	0.00

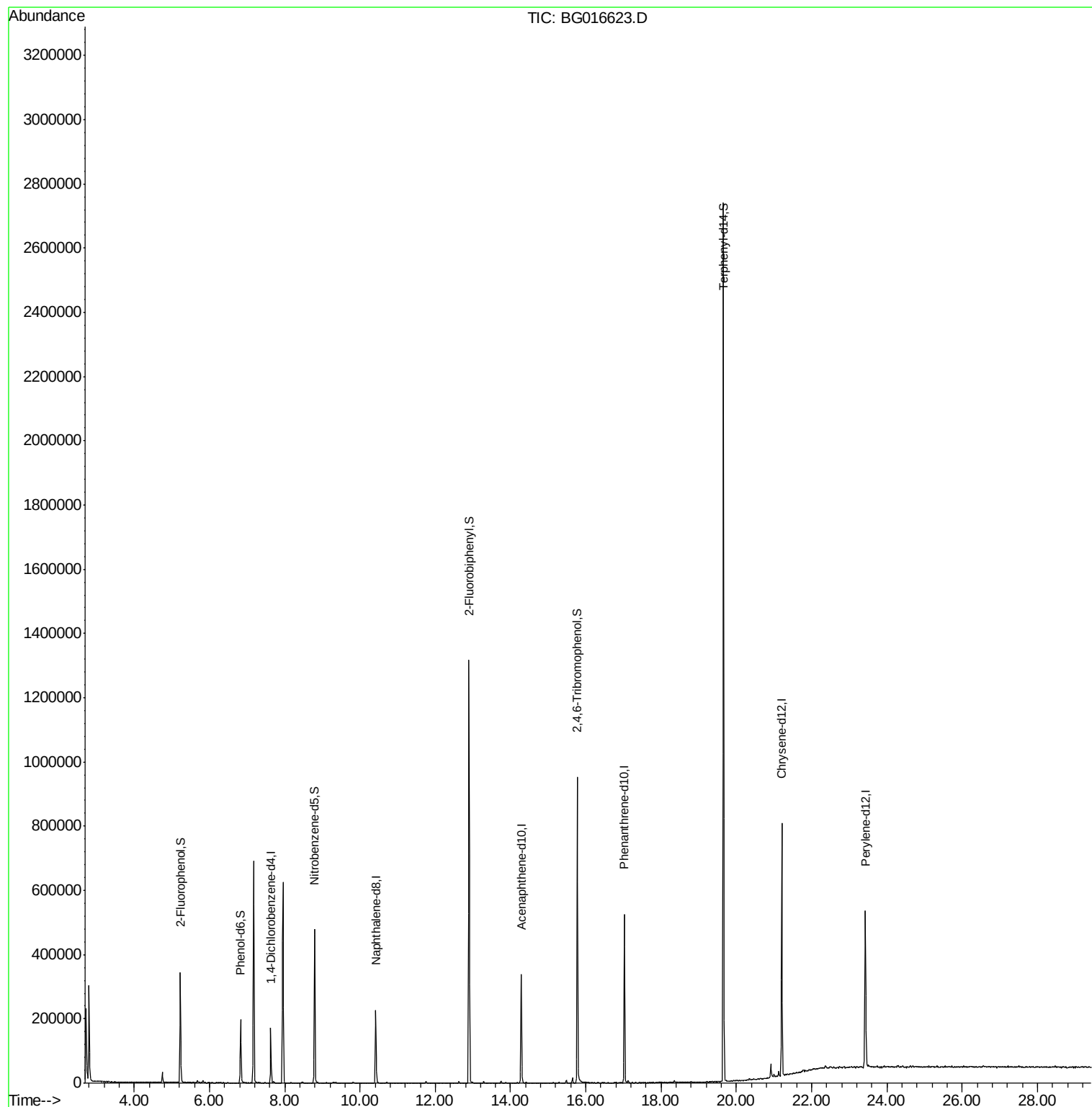
Target Compounds Qvalue

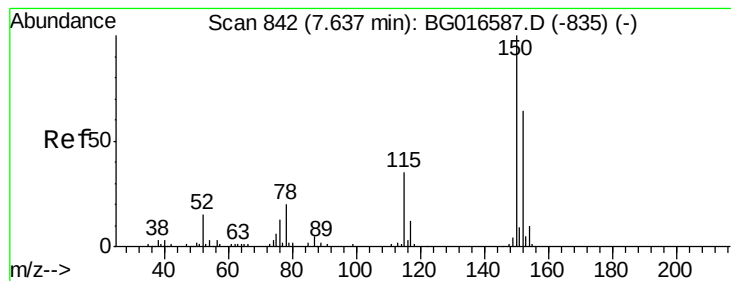
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 01:45:23 2015
Response via : Initial Calibration



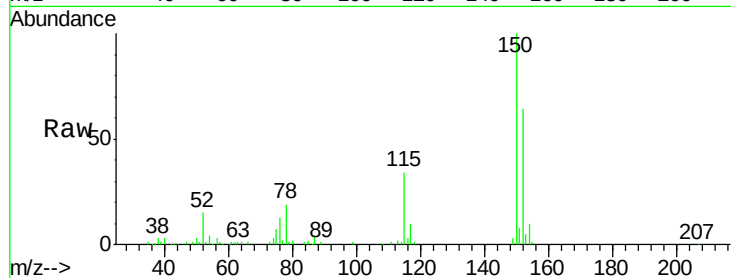


#1

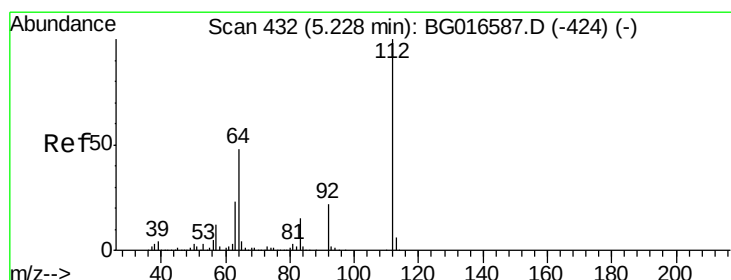
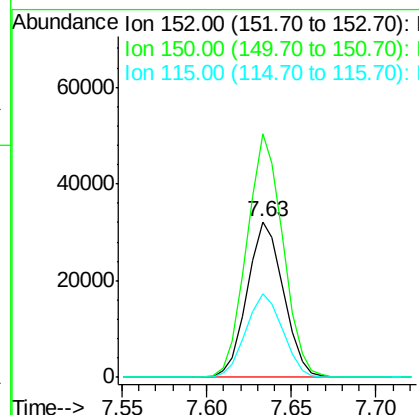
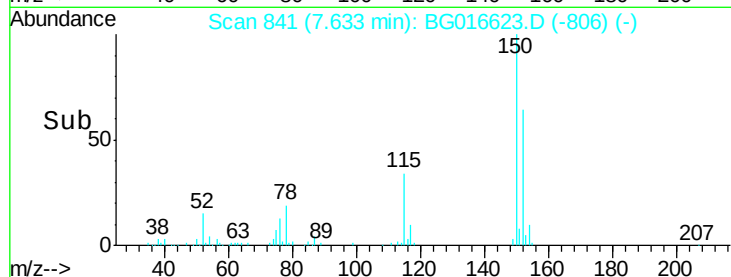
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.63 min Scan# 841
Delta R.T. 0.01 min
Lab File: BG016623.D
Acq: 22 Apr 2015 17:20

Instrument :
BNA_G
ClientSampleId :
JAMAICAFIELDBLANK-3-4-17-15

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	125.5	188.3
115	53.5	44.5	66.7



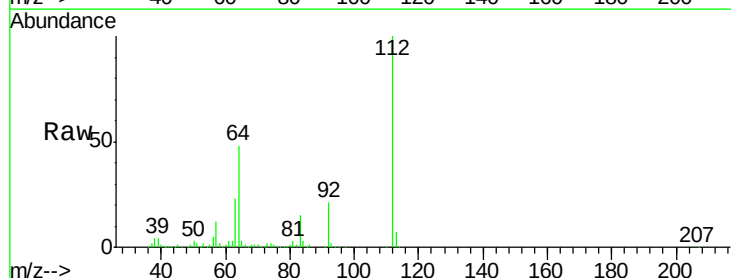
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



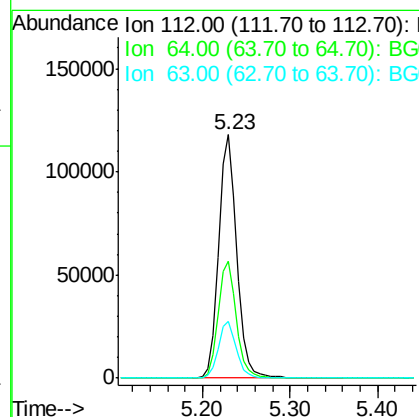
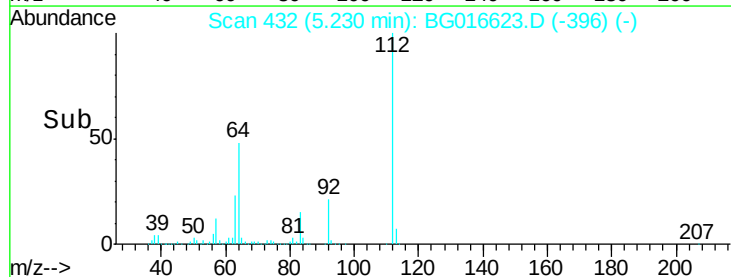
#5

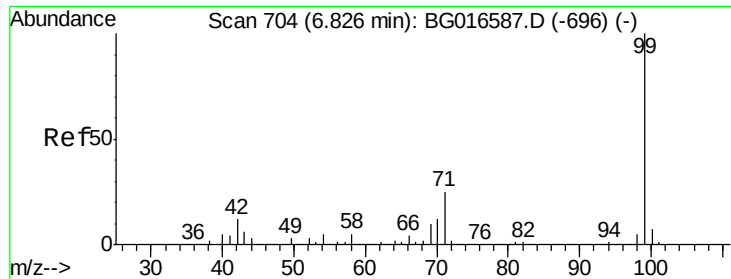
2-Fluorophenol
Concen: 56.70 ng
RT: 5.23 min Scan# 432
Delta R.T. 0.01 min
Lab File: BG016623.D
Acq: 22 Apr 2015 17:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	47.9	38.5	57.7
63	23.3	18.2	27.4



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: 32.82 ng

RT: 6.83 min Scan# 704

Delta R.T. 0.01 min

Lab File: BG016623.D

Acq: 22 Apr 2015 17:20

Instrument :

BNA_G

ClientSampleId :

JAMAICAFIELDBLANK-3-4-17-15

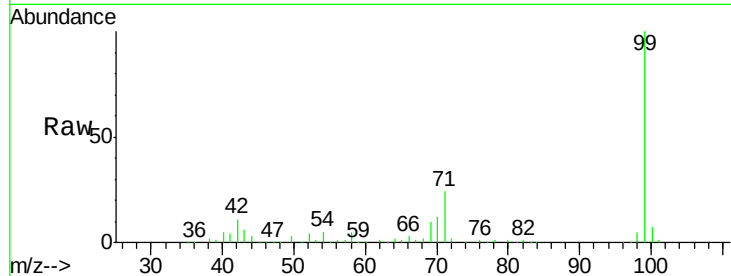
Tot Ion: 99 Resp: 137188

Ion Ratio Lower Upper

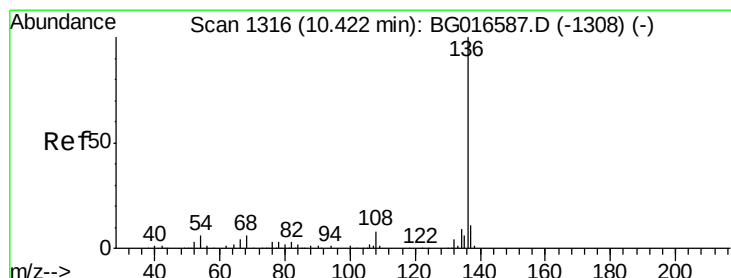
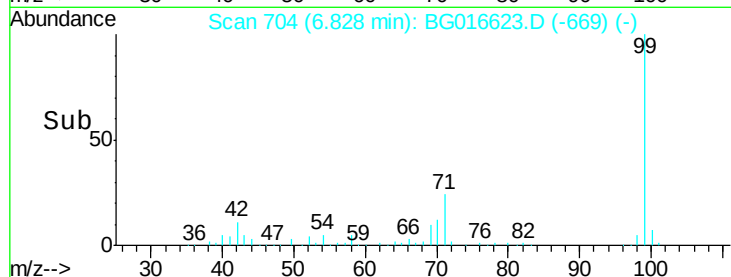
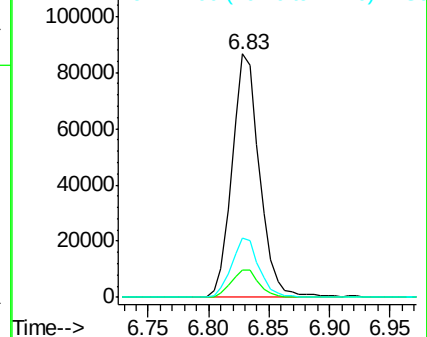
99 100

42 11.0 9.5 14.3

71 24.4 20.2 30.2



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: 10.42 min Scan# 1315

Delta R.T. -0.00 min

Lab File: BG016623.D

Acq: 22 Apr 2015 17:20

Tgt Ion: 136 Resp: 199741

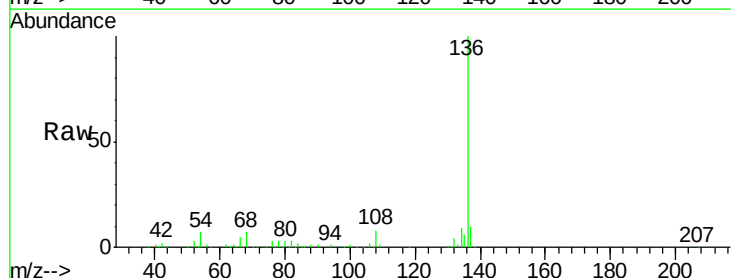
Ion Ratio Lower Upper

136 100

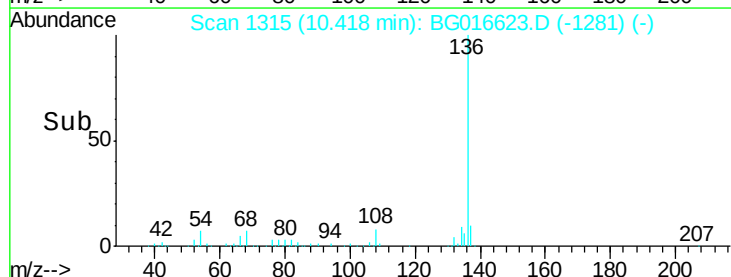
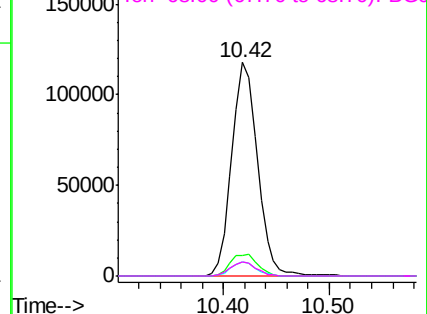
137 9.9 8.8 13.2

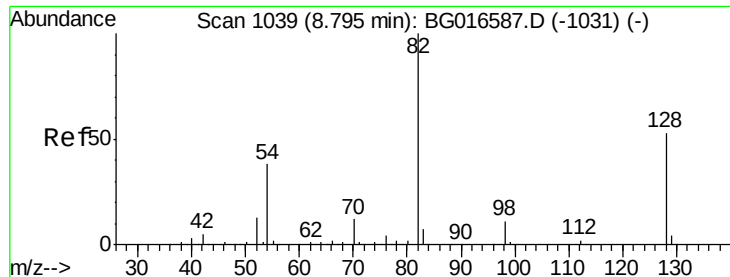
54 6.9 4.9 7.3

68 6.9 4.9 7.3



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: 88.39 ng

RT: 8.80 min Scan# 1039

Delta R.T. 0.01 min

Lab File: BG016623.D

Acq: 22 Apr 2015 17:20

Instrument :

BNA_G

ClientSampleId :

JAMAICAFIELDBLANK-3-4-17-15

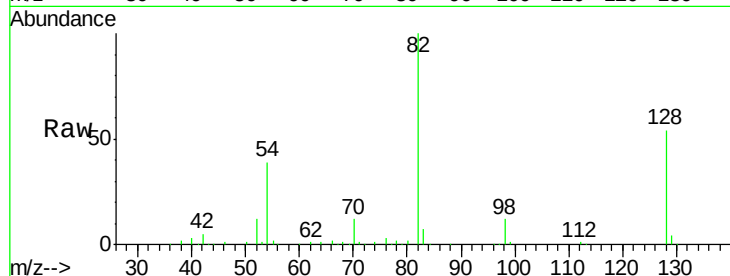
Tot Ion: 82 Resp: 286724

Ion Ratio Lower Upper

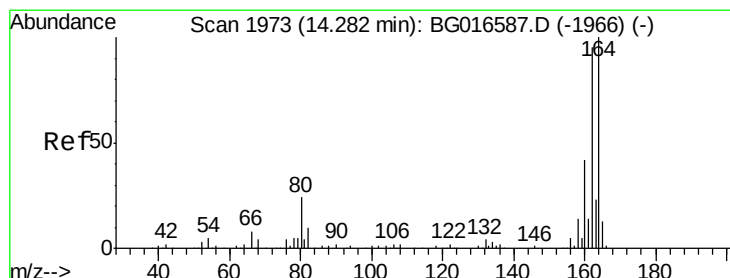
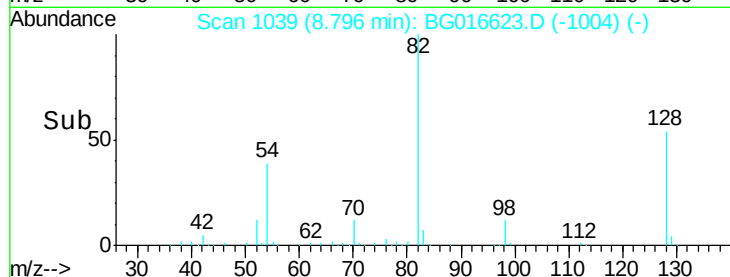
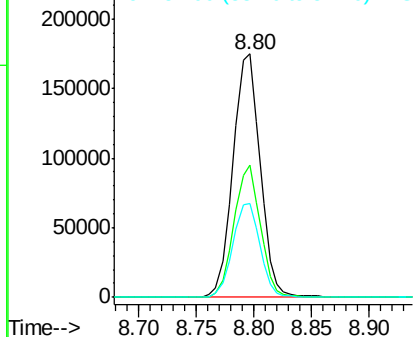
82 100

128 54.2 42.7 64.1

54 38.8 30.6 45.8



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: 14.28 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG016623.D

Acq: 22 Apr 2015 17:20

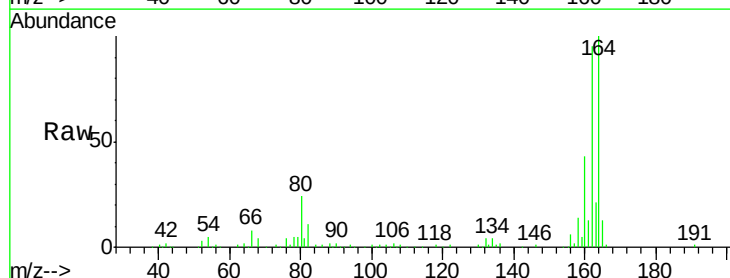
Tgt Ion: 164 Resp: 115134

Ion Ratio Lower Upper

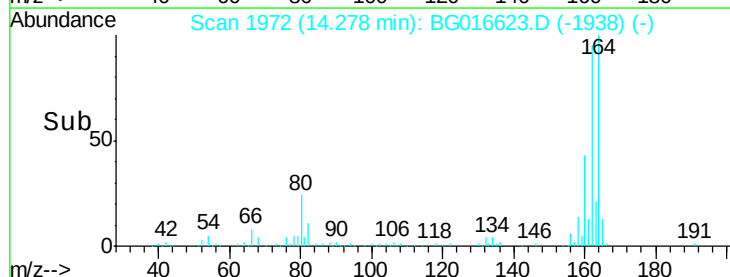
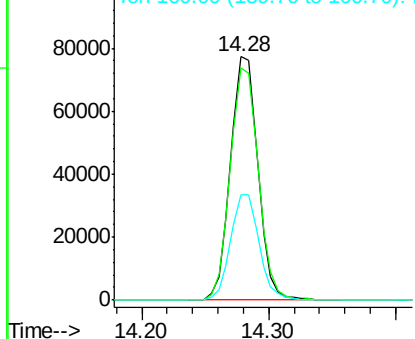
164 100

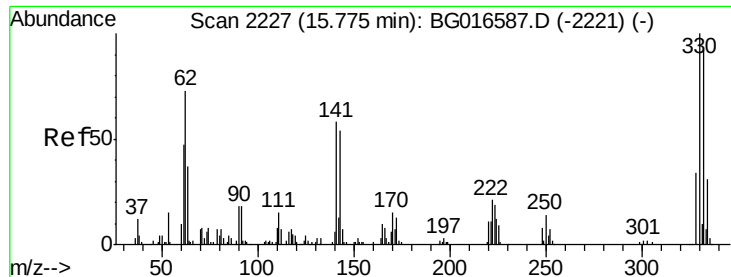
162 95.4 75.8 113.6

160 43.4 33.8 50.6



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

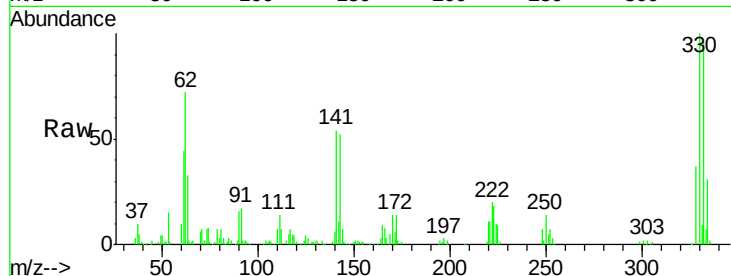




#41
 2,4,6-Tribromophenol
 Concen: 176.43 ng
 RT: 15.78 min Scan# 2227
 Delta R.T. -0.00 min
 Lab File: BG016623.D
 Acq: 22 Apr 2015 17:20

Instrument :
 BNA_G
 ClientSampleId :
 JAMAICAFIELDBLANK-3-4-17-15

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	114.8
141	56.4	45.9	68.9

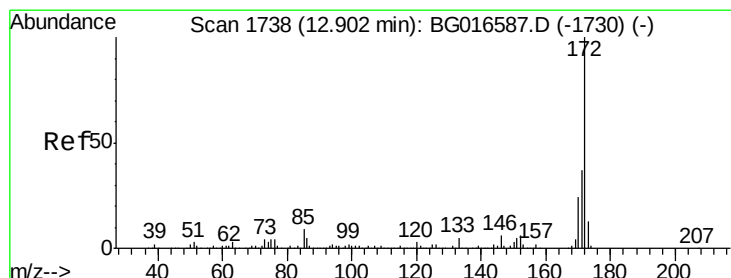
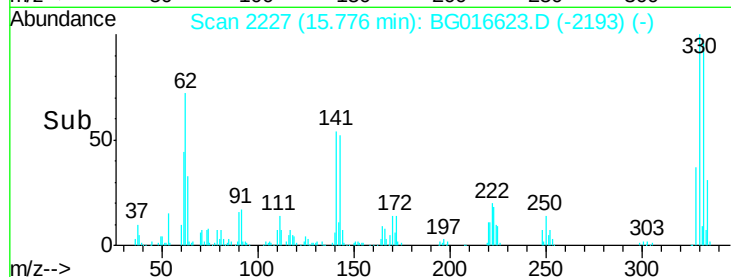
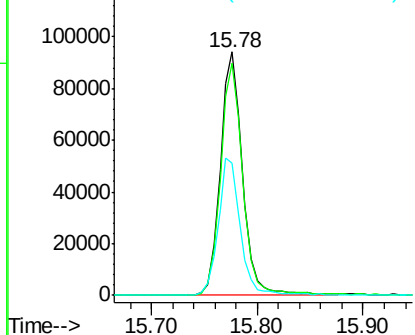


Abundance

Ion 329.80 (329.50 to 330.50): E

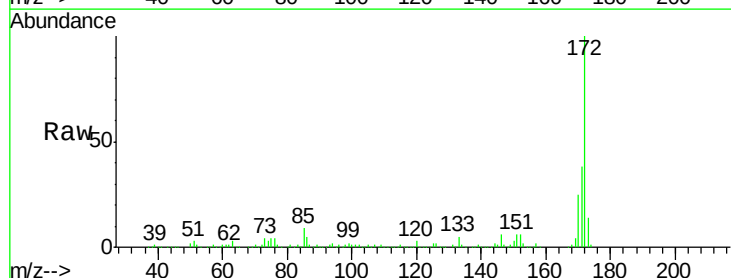
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 93.55 ng
 RT: 12.90 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG016623.D
 Acq: 22 Apr 2015 17:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.6	44.4
170	24.8	19.4	29.0

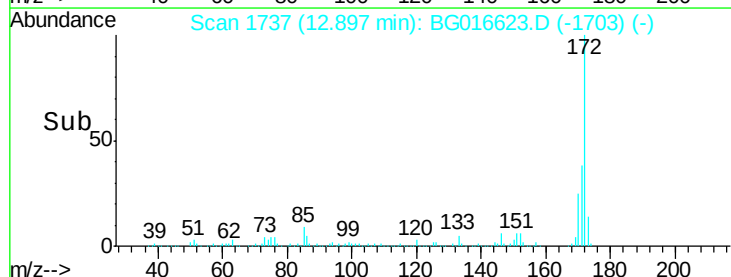
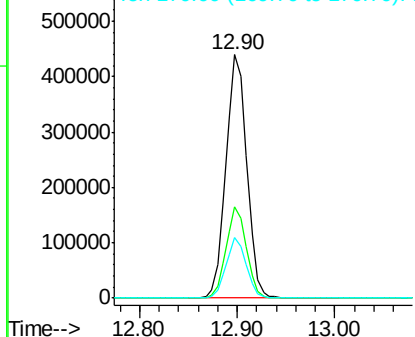


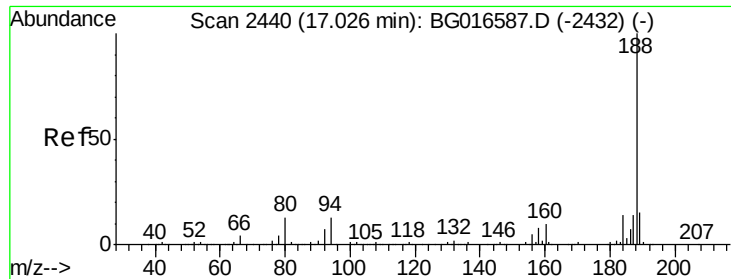
Abundance

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

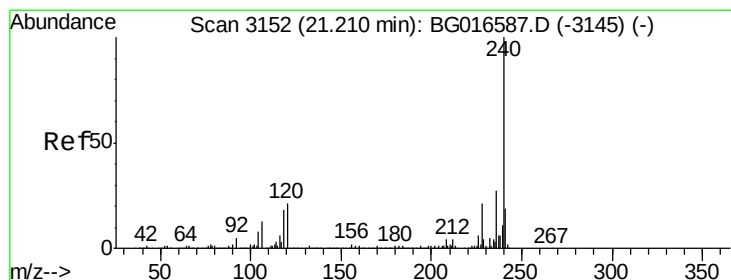
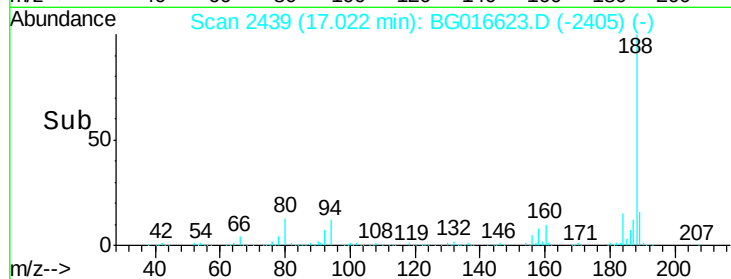
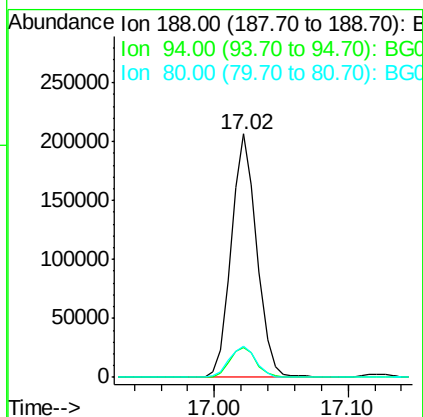
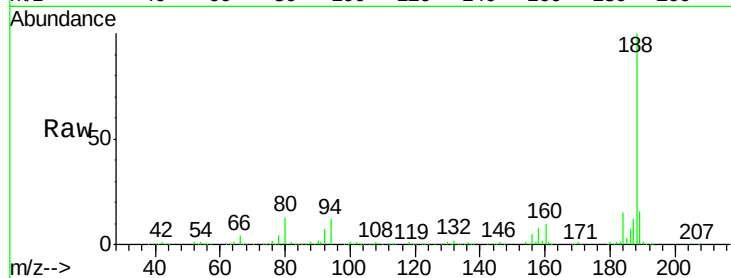




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.02 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG016623.D
Acq: 22 Apr 2015 17:20

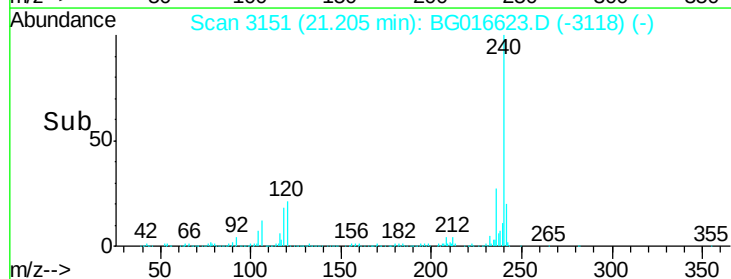
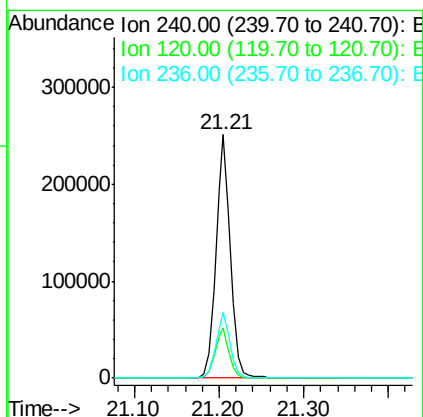
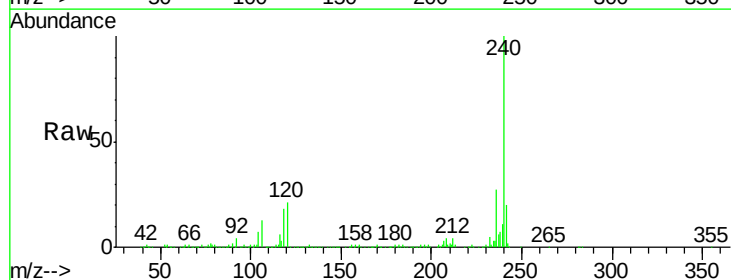
Instrument :
BNA_G
ClientSampleId :
JAMAICAFIELDBLANK-3-4-17-15

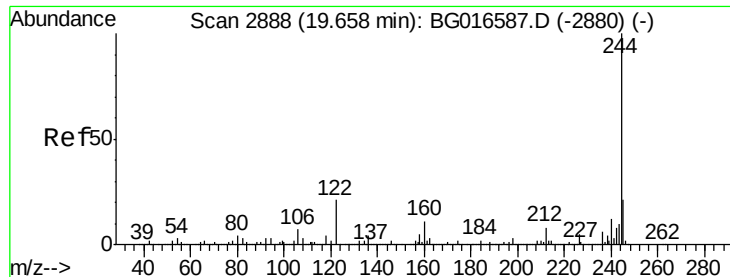
Tot Ion:188 Resp: 275812
Ion Ratio Lower Upper
188 100
94 12.4 10.5 15.7
80 12.8 10.6 16.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.21 min Scan# 3151
Delta R.T. -0.01 min
Lab File: BG016623.D
Acq: 22 Apr 2015 17:20

Tgt Ion:240 Resp: 301942
Ion Ratio Lower Upper
240 100
120 20.5 16.7 25.1
236 27.0 21.7 32.5





#78

Terphenyl-d14

Concen: 78.64 ng

RT: 19.65 min Scan# 2887

Delta R.T. -0.00 min

Lab File: BG016623.D

Acq: 22 Apr 2015 17:20

Instrument :

BNA_G

ClientSampleId :

JAMAICAFIELDBLANK-3-4-17-15

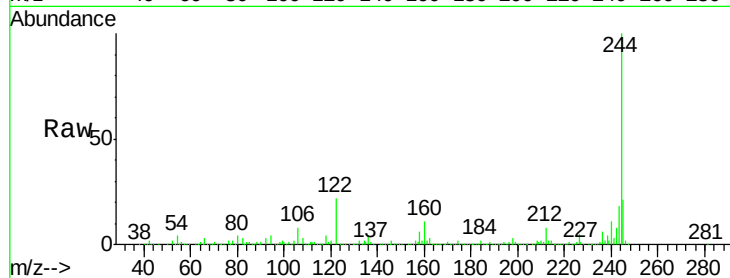
Tot Ion:244 Resp: 985557

Ion Ratio Lower Upper

244 100

212 8.4 6.8 10.2

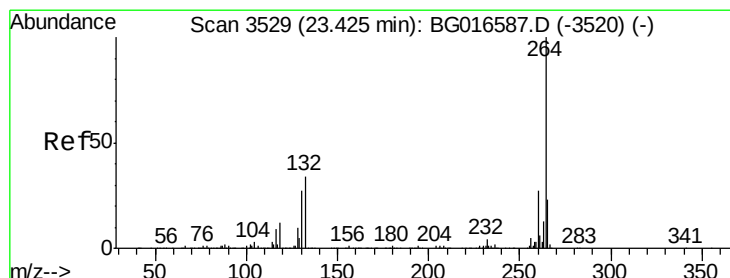
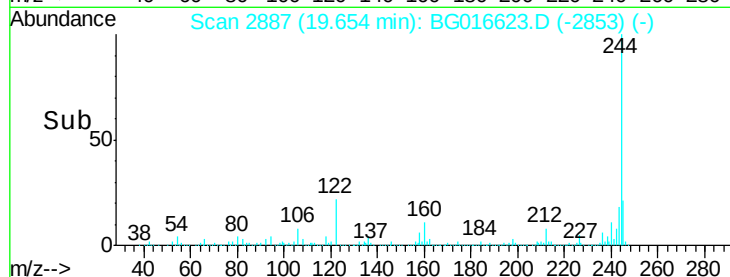
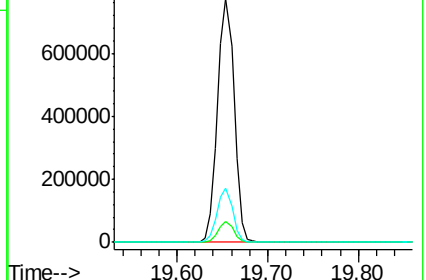
122 22.4 17.0 25.6



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: 23.43 min Scan# 3529

Delta R.T. -0.00 min

Lab File: BG016623.D

Acq: 22 Apr 2015 17:20

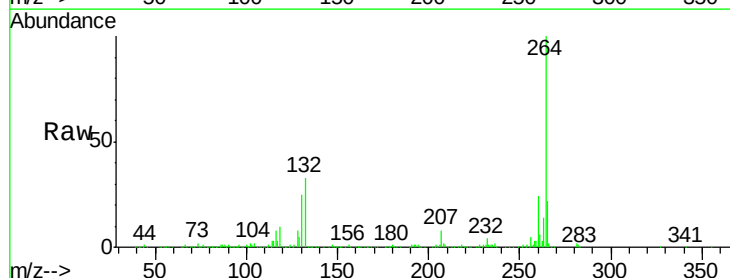
Tgt Ion:264 Resp: 283683

Ion Ratio Lower Upper

264 100

260 24.4 21.4 32.2

265 22.3 18.7 28.1



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

