

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
 Data File : BG017243.D
 Acq On : 22 May 2015 13:12
 Operator : TP/IZ
 Sample : G2255-11
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DUP-0274-150512

Quant Time: May 23 00:57:32 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 23 00:52:32 2015
 Response via : Initial Calibration

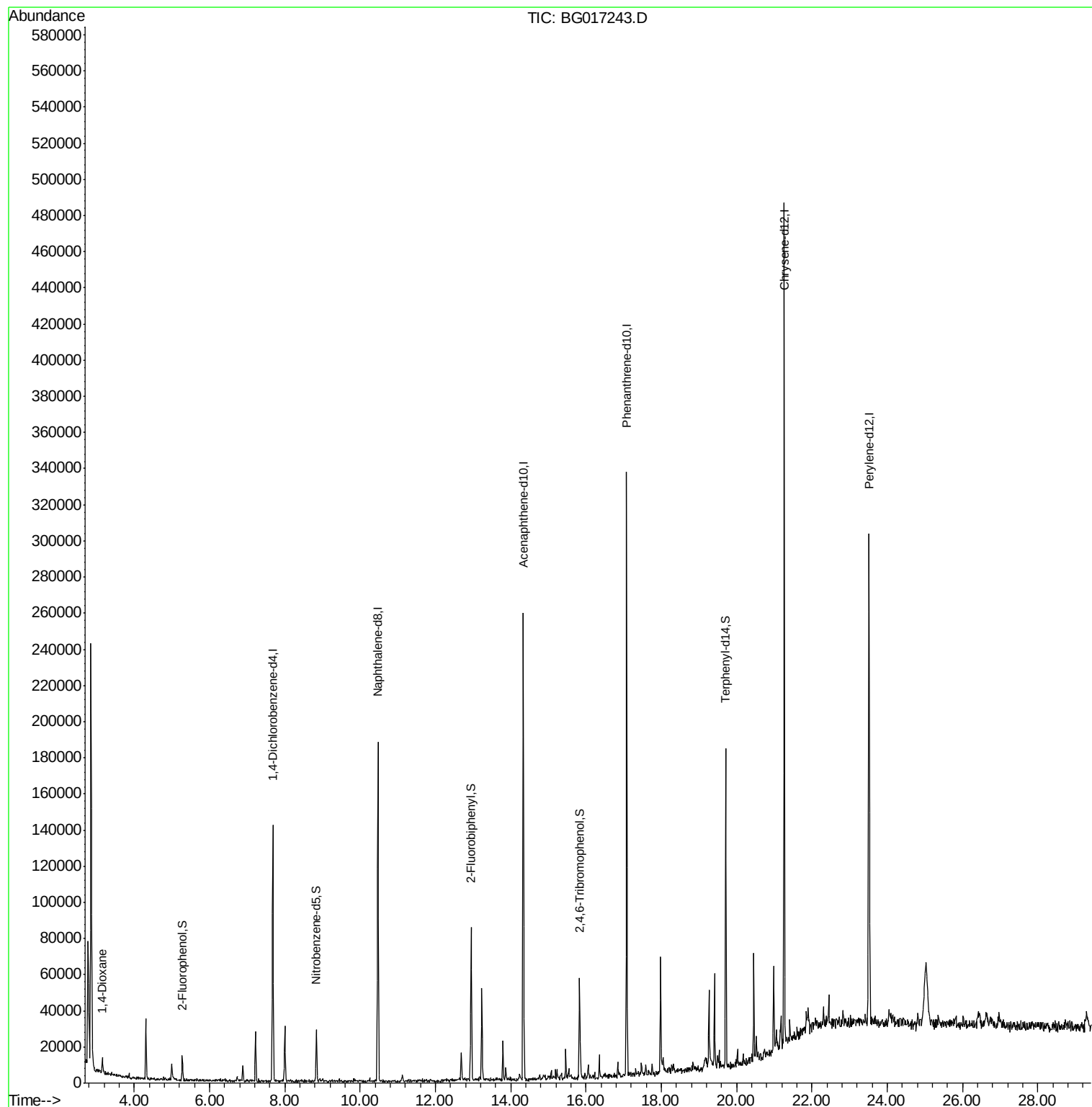
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	31590	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	133238	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	81201	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	174612	20.00	ng	0.00
75) Chrysene-d12	21.27	240	194634	20.00	ng	0.00
86) Perylene-d12	23.52	264	183330	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	5397	3.03	ng	0.00
7) Phenol-d6	6.88	99	4411	1.77	ng	0.00
23) Nitrobenzene-d5	8.84	82	16188	5.67	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	7797	7.94	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	34086	6.16	ng	0.00
78) Terphenyl-d14	19.71	244	71222	7.63	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.16	88	4415	6.28	ng	# 86
9) Benzaldehyde	6.69	77	60	Below Cal		# 6

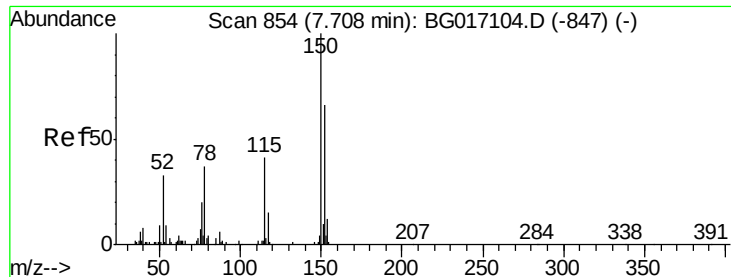
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.68 min Scan# 849

Delta R.T. -0.01 min

Lab File: BG017243.D

Acq: 22 May 2015 13:12

Instrument :

BNA_G

ClientSampleId :

DUP-0274-150512

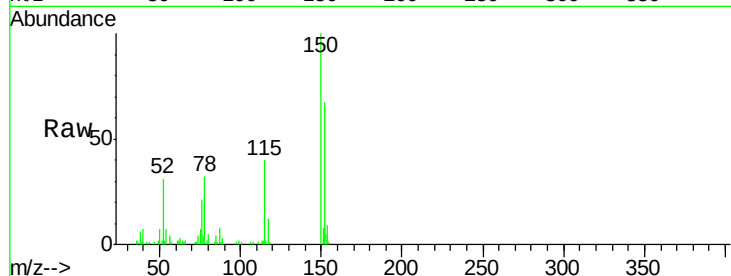
Tgt Ion:152 Resp: 31590

Ion Ratio Lower Upper

152 100

150 150.1 120.8 181.2

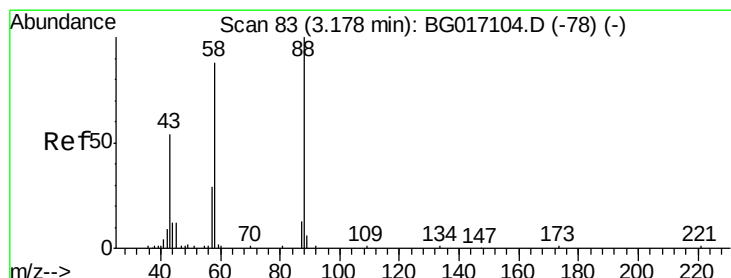
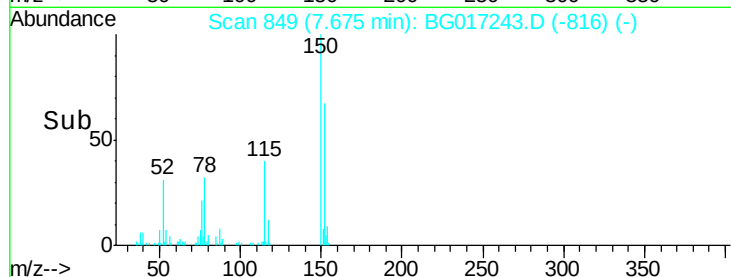
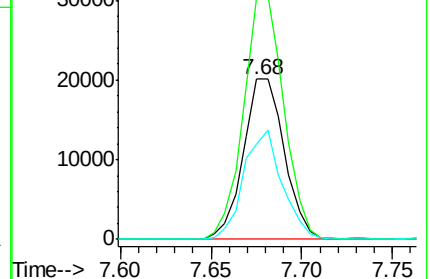
115 59.6 49.4 74.2



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



#2

1,4-Dioxane

Concen: 6.28 ng

RT: 3.16 min Scan# 80

Delta R.T. 0.01 min

Lab File: BG017243.D

Acq: 22 May 2015 13:12

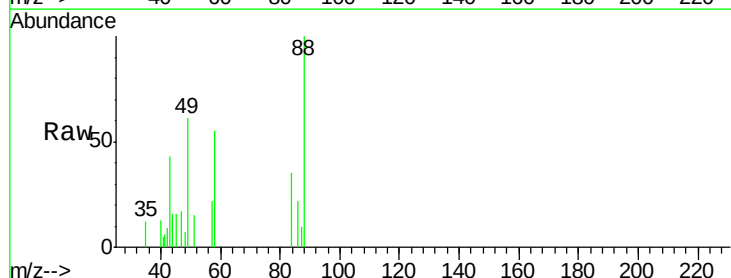
Tgt Ion: 88 Resp: 4415

Ion Ratio Lower Upper

88 100

58 68.5 68.6 103.0#

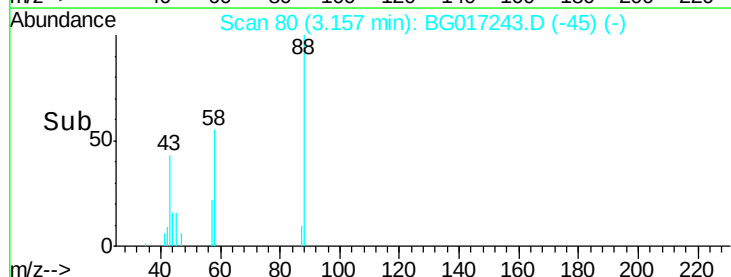
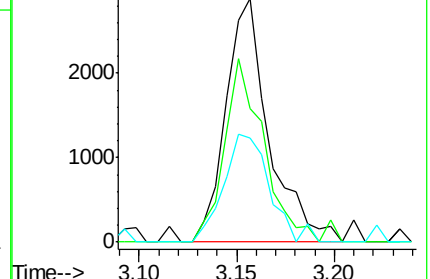
43 47.2 40.3 60.5

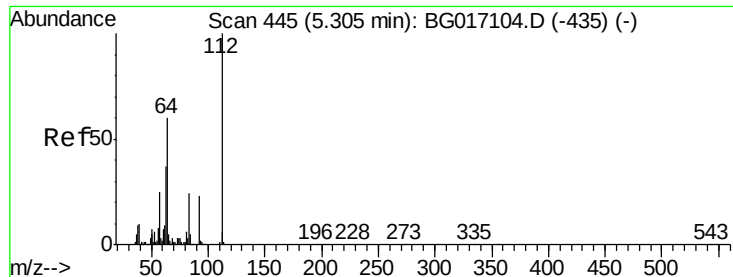


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 3.03 ng

RT: 5.28 min Scan# 441

Delta R.T. 0.00 min

Lab File: BG017243.D

Acq: 22 May 2015 13:12

Instrument :

BNA_G

ClientSampleId :

DUP-0274-150512

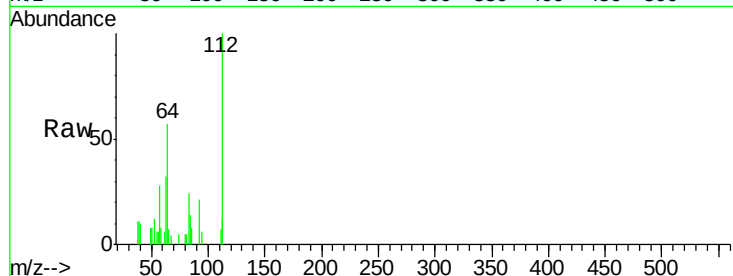
Tgt Ion: 112 Resp: 5397

Ion Ratio Lower Upper

112 100

64 56.5 48.1 72.1

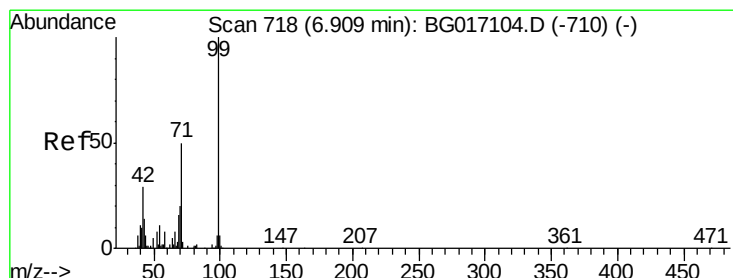
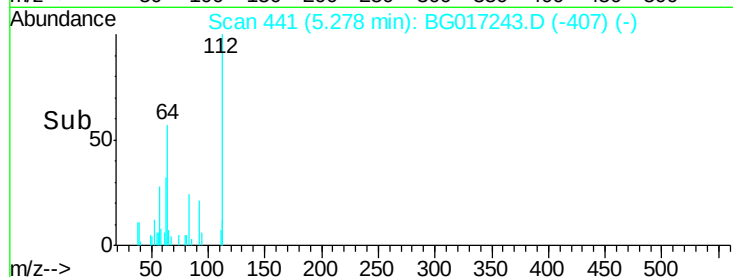
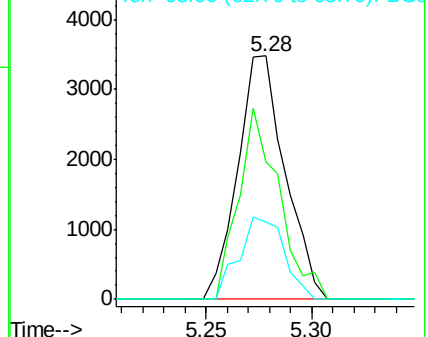
63 31.6 29.8 44.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 1.77 ng

RT: 6.88 min Scan# 714

Delta R.T. 0.00 min

Lab File: BG017243.D

Acq: 22 May 2015 13:12

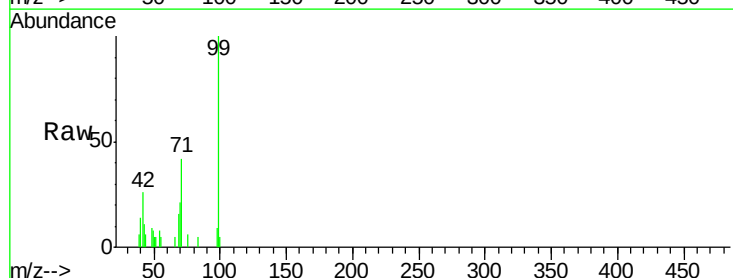
Tgt Ion: 99 Resp: 4411

Ion Ratio Lower Upper

99 100

42 26.3 23.5 35.3

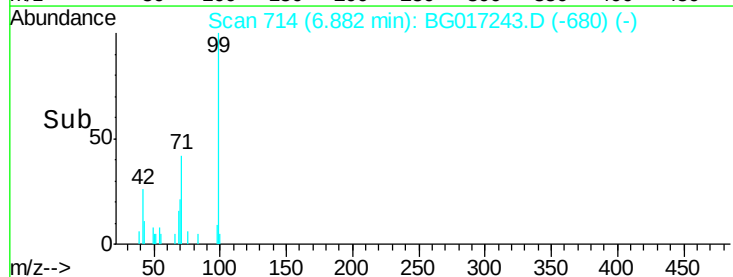
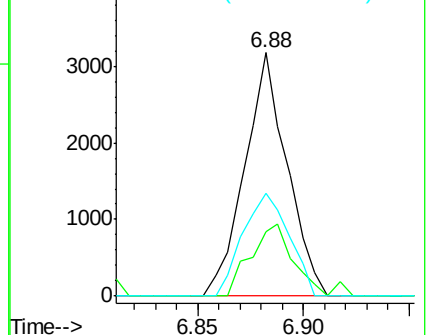
71 42.2 39.8 59.8

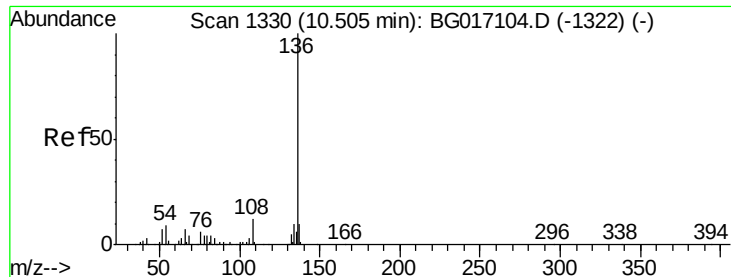


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

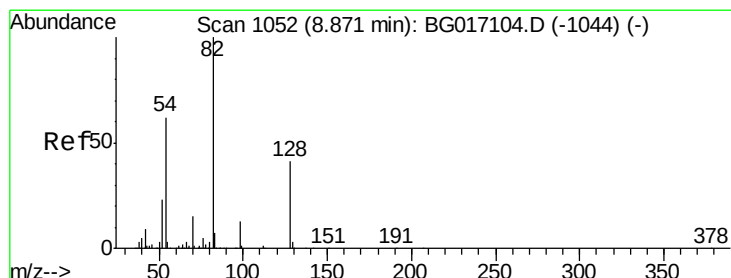
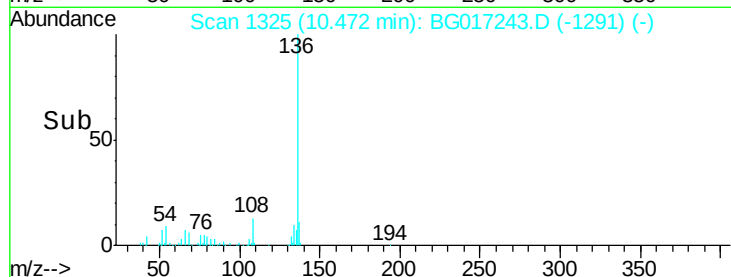
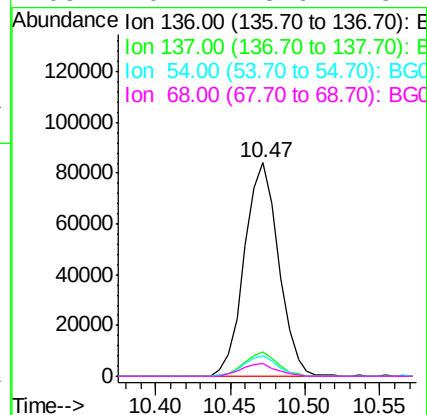
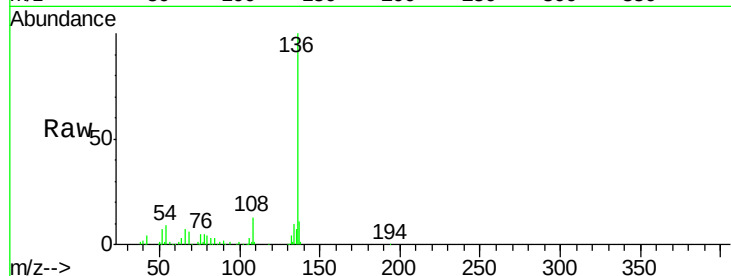




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.47 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG017243.D
Acq: 22 May 2015 13:12

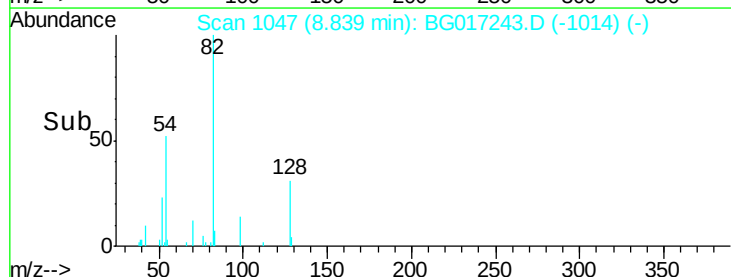
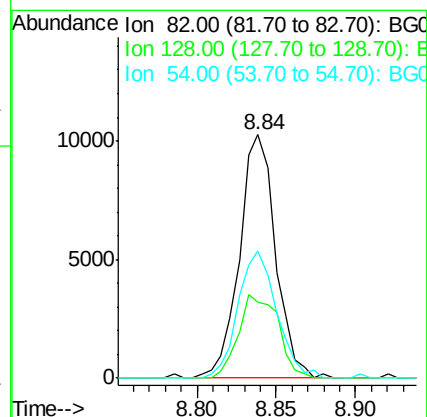
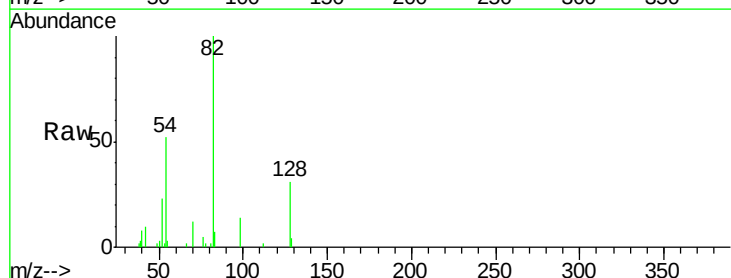
Instrument :
BNA_G
ClientSampleId :
DUP-0274-150512

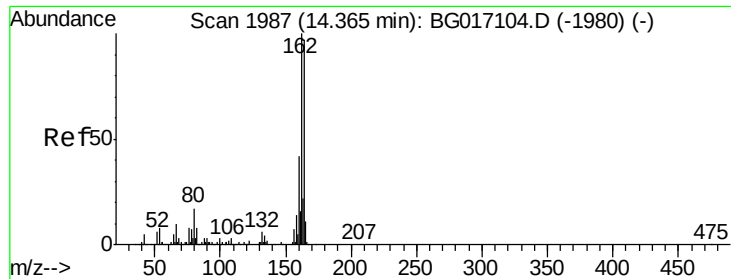
Tgt Ion:	136	Resp:	133238
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.3	12.5
54	9.3	7.4	11.2
68	6.2	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 5.67 ng
RT: 8.84 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG017243.D
Acq: 22 May 2015 13:12

Tgt Ion:	82	Resp:	16188
Ion	Ratio	Lower	Upper
82	100		
128	31.3	32.6	49.0#
54	52.3	49.6	74.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.33 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BG017243.D

Acq: 22 May 2015 13:12

Instrument :

BNA_G

ClientSampleId :

DUP-0274-150512

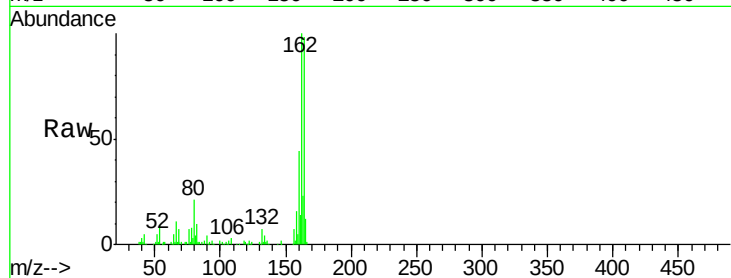
Tgt Ion:164 Resp: 81201

Ion Ratio Lower Upper

164 100

162 102.1 82.1 123.1

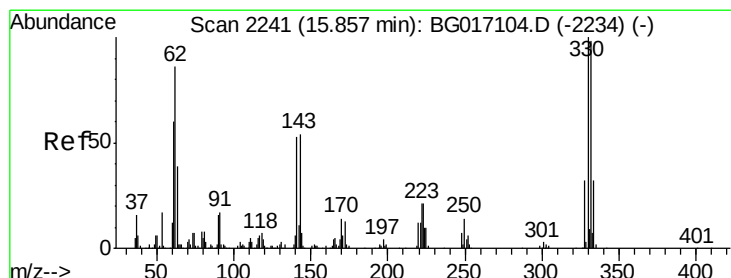
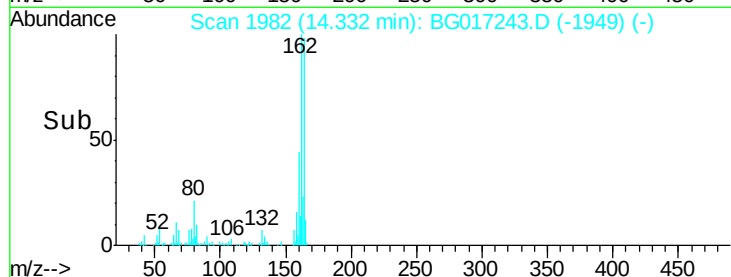
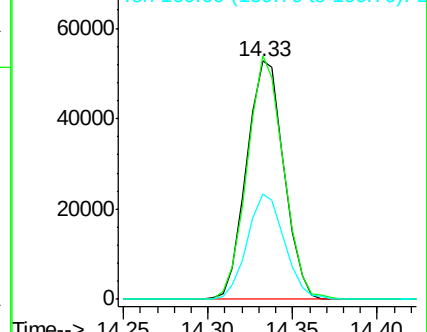
160 44.4 34.8 52.2



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: 7.94 ng

RT: 15.82 min Scan# 2236

Delta R.T. -0.01 min

Lab File: BG017243.D

Acq: 22 May 2015 13:12

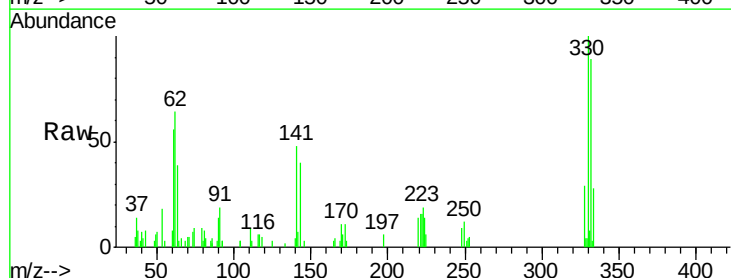
Tgt Ion:330 Resp: 7797

Ion Ratio Lower Upper

330 100

332 97.1 76.9 115.3

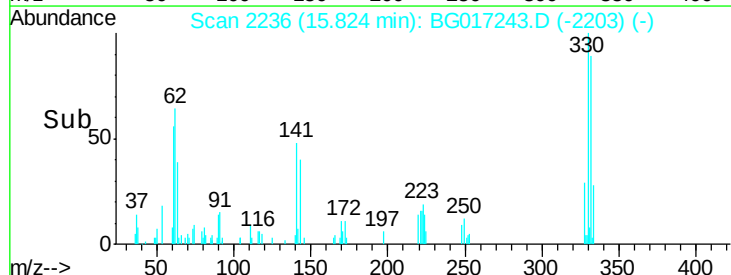
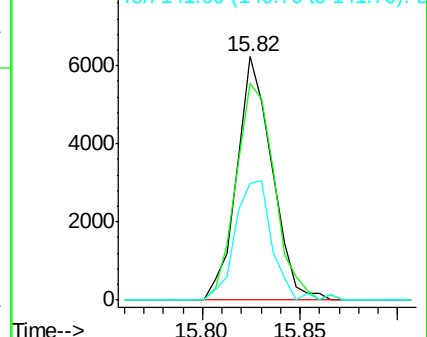
141 51.0 42.2 63.2

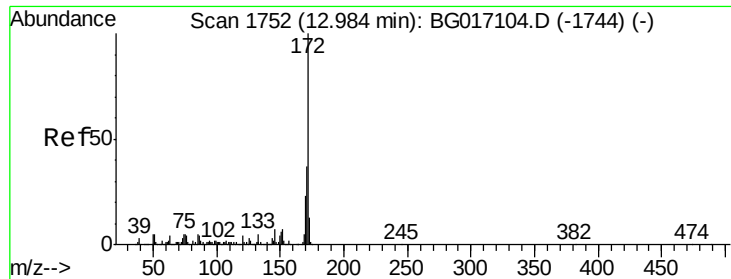


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

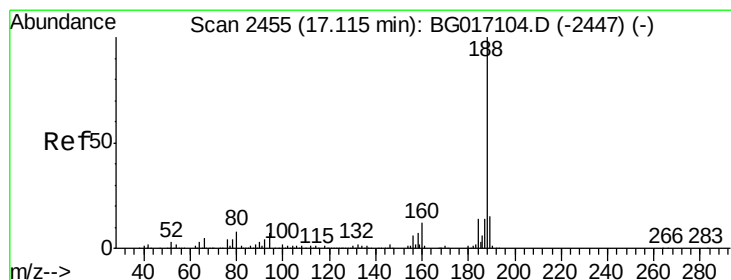
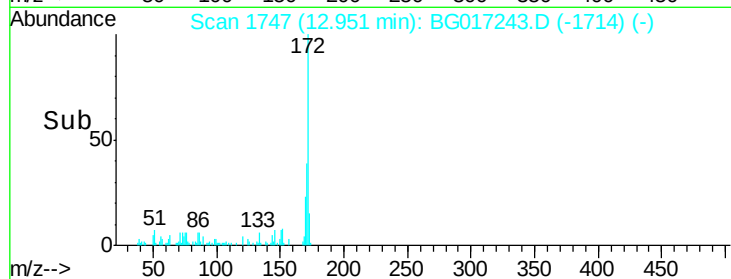
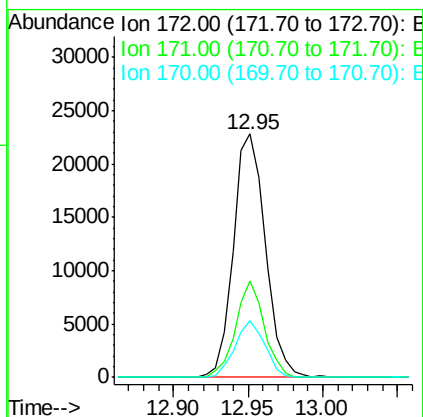
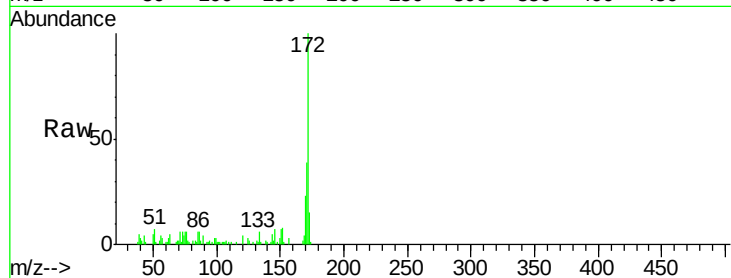




#44
 2-Fluorobiphenyl
 Concen: 6.16 ng
 RT: 12.95 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: BG017243.D
 Acq: 22 May 2015 13:12

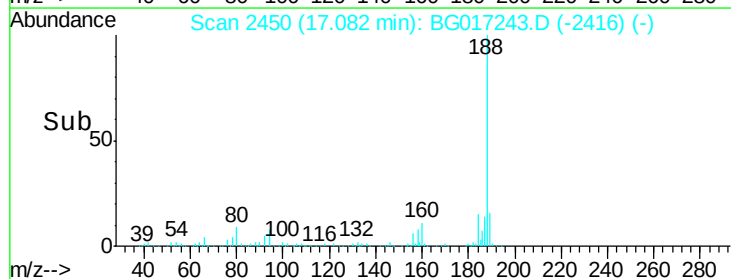
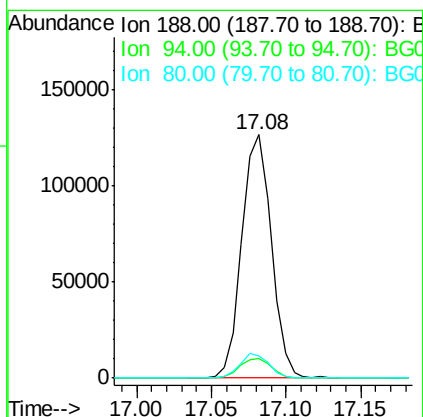
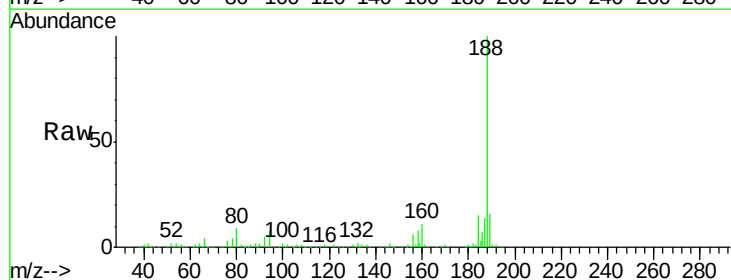
Instrument :
 BNA_G
 ClientSampleId :
 DUP-0274-150512

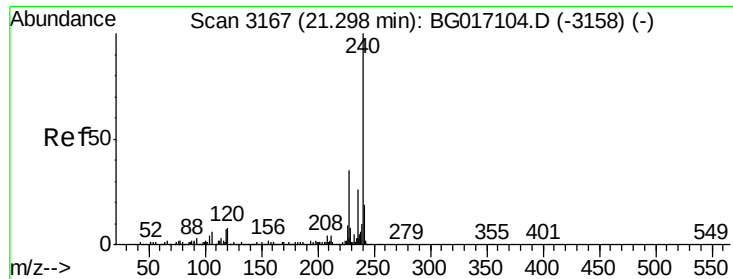
Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.5	29.7	44.5
170	23.1	18.4	27.6



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.08 min Scan# 2450
 Delta R.T. 0.00 min
 Lab File: BG017243.D
 Acq: 22 May 2015 13:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	5.8	8.6
80	9.0	6.5	9.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.27 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG017243.D

Acq: 22 May 2015 13:12

Instrument :

BNA_G

ClientSampleId :

DUP-0274-150512

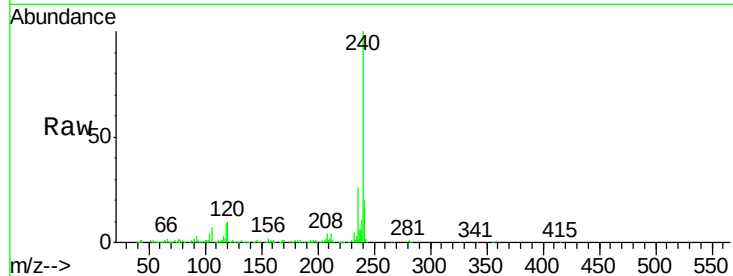
Tgt Ion:240 Resp: 194634

Ion Ratio Lower Upper

240 100

120 9.8 6.0 9.0#

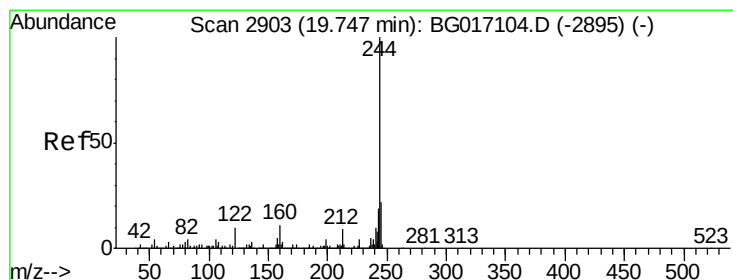
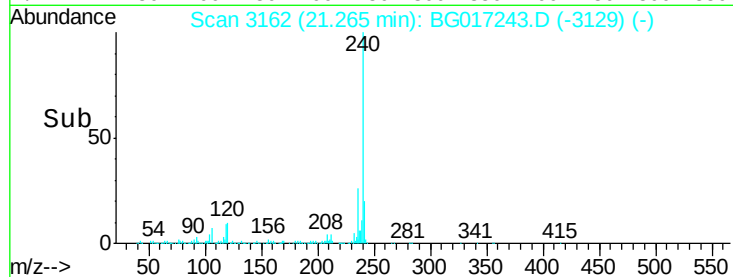
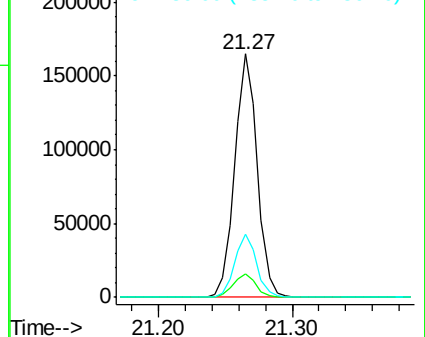
236 25.8 20.5 30.7



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: 7.63 ng

RT: 19.71 min Scan# 2898

Delta R.T. 0.00 min

Lab File: BG017243.D

Acq: 22 May 2015 13:12

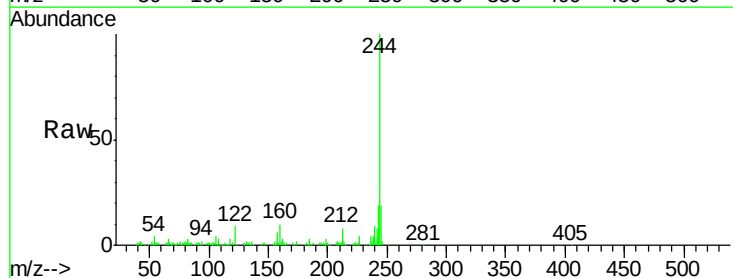
Tgt Ion:244 Resp: 71222

Ion Ratio Lower Upper

244 100

212 7.5 7.0 10.4

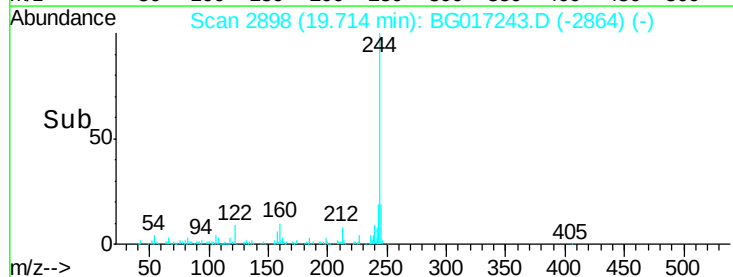
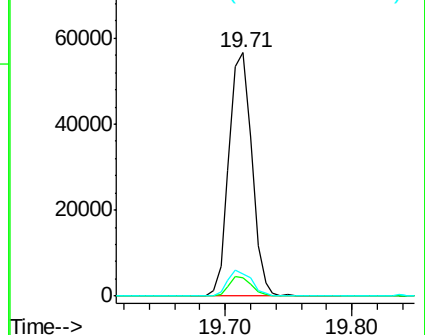
122 9.3 8.4 12.6

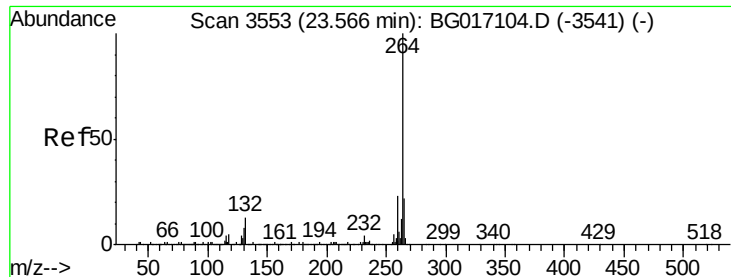


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

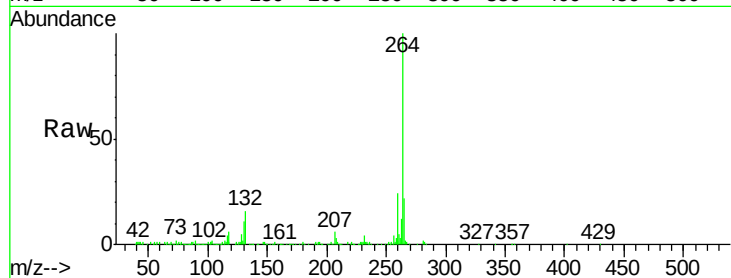




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.52 min Scan# 3545
Delta R.T. -0.01 min
Lab File: BG017243.D
Acq: 22 May 2015 13:12

Instrument :
BNA_G
ClientSampleId :
DUP-0274-150512

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.0	27.0
265	22.1	17.4	26.0



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

