

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052015\
 Data File : BG017234.D
 Acq On : 21 May 2015 4:54
 Operator : TP/IZ
 Sample : G2273-21
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-07-D1

Quant Time: May 21 05:47:58 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 16:12:13 2015
 Response via : Initial Calibration

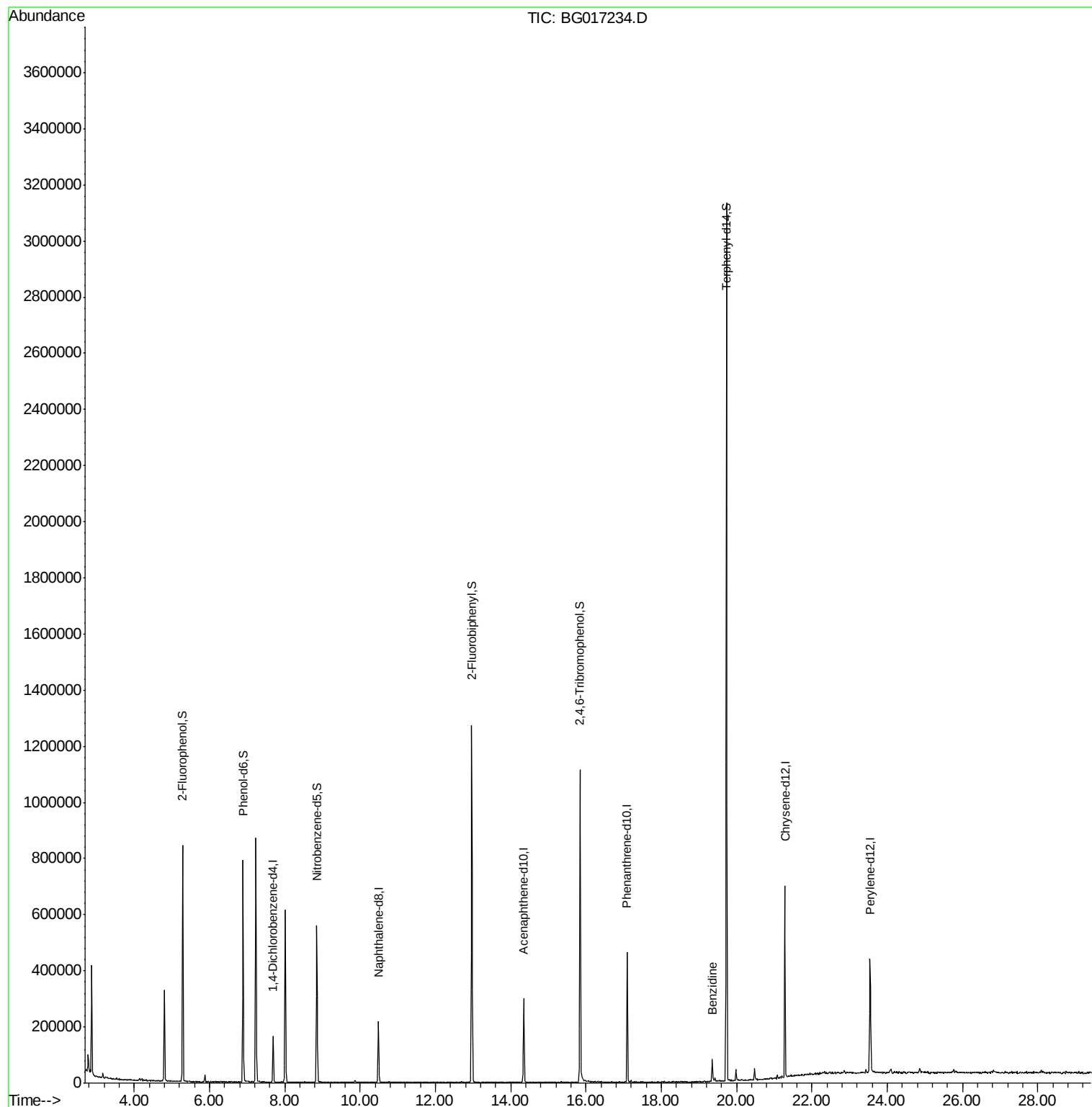
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	35508	20.00	ng	-0.01
21) Naphthalene-d8	10.49	136	152171	20.00	ng	-0.02
38) Acenaphthene-d10	14.35	164	96843	20.00	ng	-0.01
63) Phenanthrene-d10	17.10	188	238899	20.00	ng	-0.02
75) Chrysene-d12	21.29	240	289150	20.00	ng	-0.01
86) Perylene-d12	23.55	264	284998	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	286424	143.12	ng	-0.02
7) Phenol-d6	6.89	99	343257	122.22	ng	-0.02
23) Nitrobenzene-d5	8.85	82	285325	87.54	ng	-0.02
41) 2,4,6-Tribromophenol	15.84	330	164113	140.19	ng	-0.01
44) 2-Fluorobiphenyl	12.97	172	568684	86.17	ng	-0.02
78) Terphenyl-d14	19.73	244	1178842	84.96	ng	-0.01
Target Compounds						
76) Benzidine	19.35	184	48844	5.17	ng	Qvalue 99

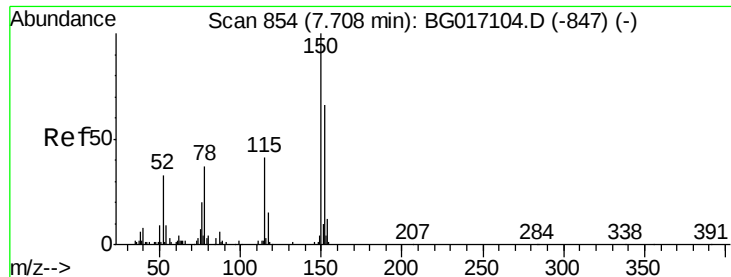
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.70 min Scan# 852

Delta R.T. -0.01 min

Lab File: BG017234.D

Acq: 21 May 2015 4:54

Instrument :

BNA_G

ClientSampleId :

WC-07-D1

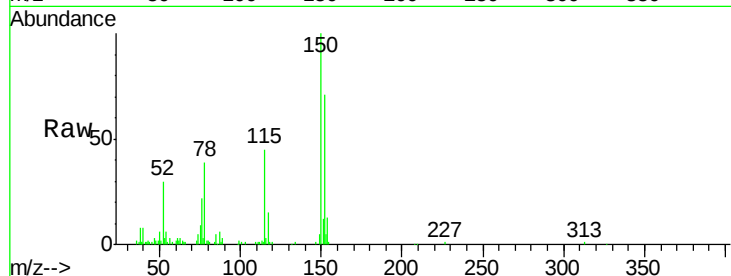
Tgt Ion:152 Resp: 35508

Ion Ratio Lower Upper

152 100

150 140.0 120.8 181.2

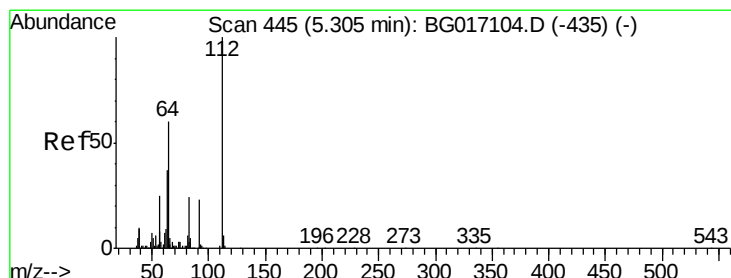
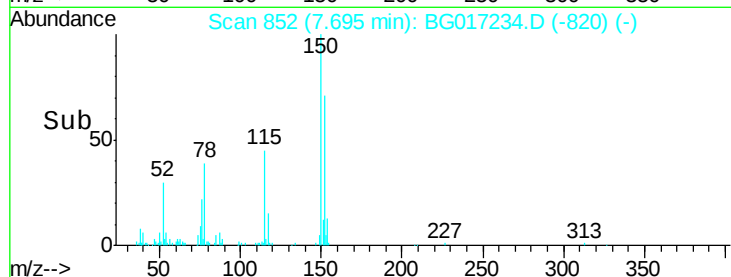
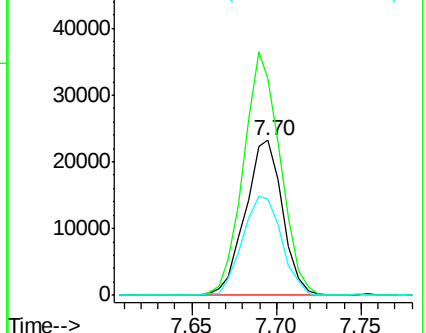
115 62.4 49.4 74.2



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



#5

2-Fluorophenol

Concen: 143.12 ng

RT: 5.29 min Scan# 442

Delta R.T. -0.02 min

Lab File: BG017234.D

Acq: 21 May 2015 4:54

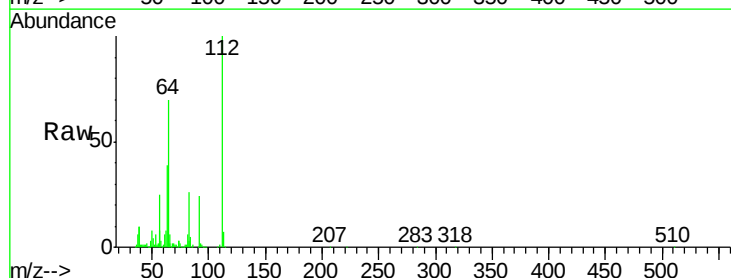
Tgt Ion:112 Resp: 286424

Ion Ratio Lower Upper

112 100

64 69.5 48.1 72.1

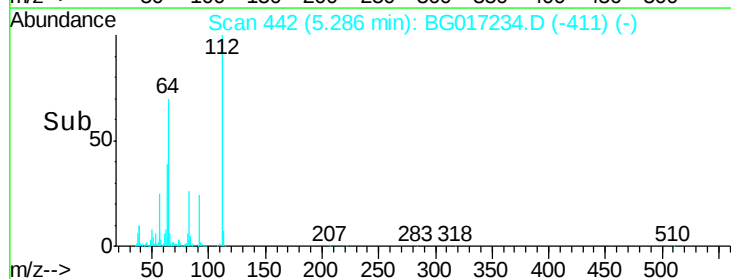
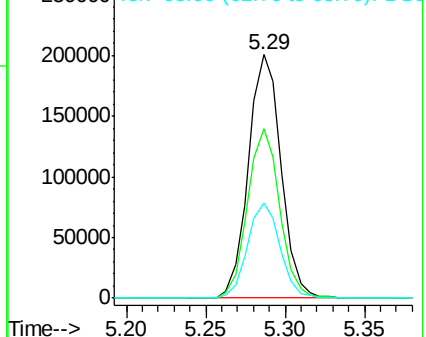
63 39.3 29.8 44.8

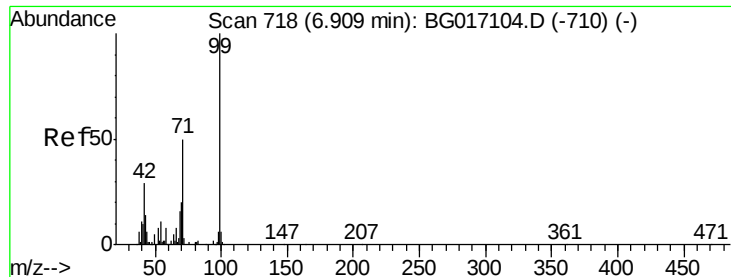


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 122.22 ng

RT: 6.89 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG017234.D

Acq: 21 May 2015 4:54

Instrument :

BNA_G

ClientSampleId :

WC-07-D1

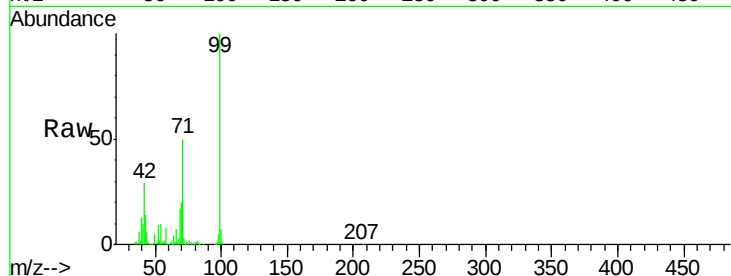
Tgt Ion: 99 Resp: 343257

Ion Ratio Lower Upper

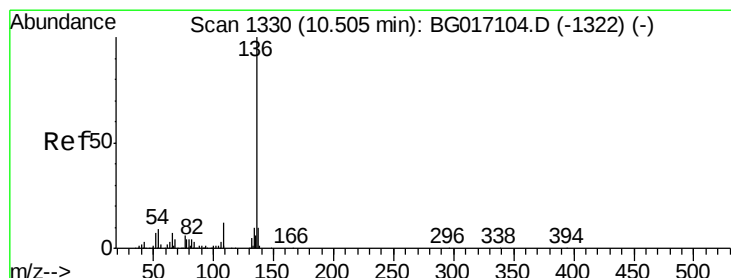
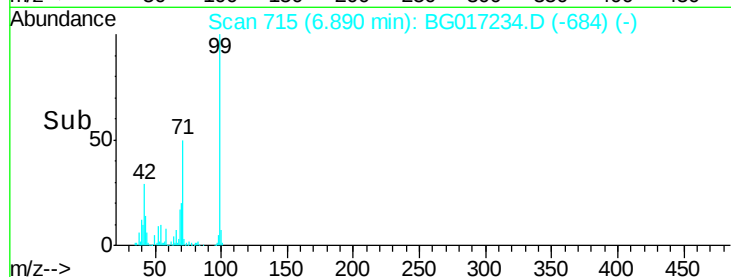
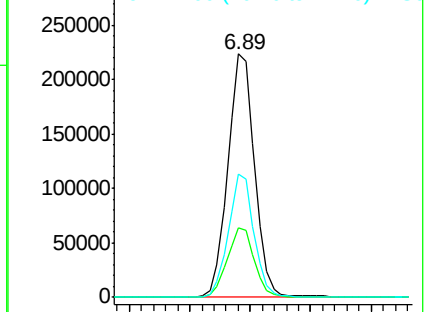
99 100

42 28.6 23.5 35.3

71 50.4 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: 10.49 min Scan# 1327

Delta R.T. -0.02 min

Lab File: BG017234.D

Acq: 21 May 2015 4:54

Tgt Ion: 136 Resp: 152171

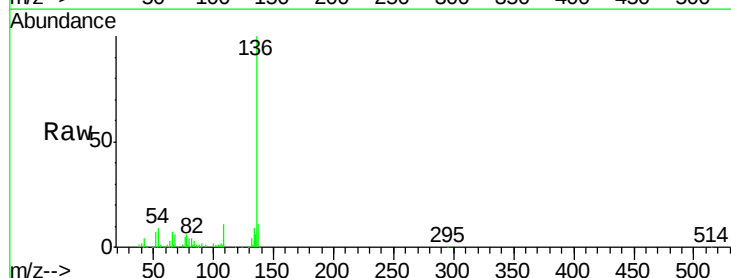
Ion Ratio Lower Upper

136 100

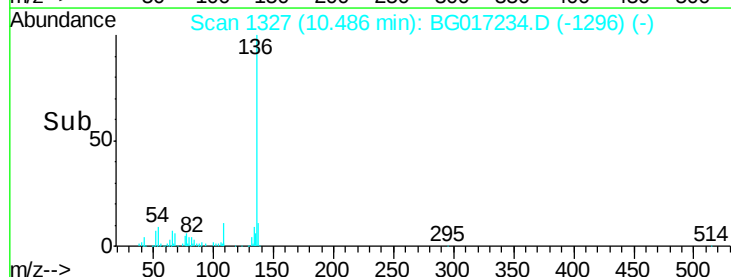
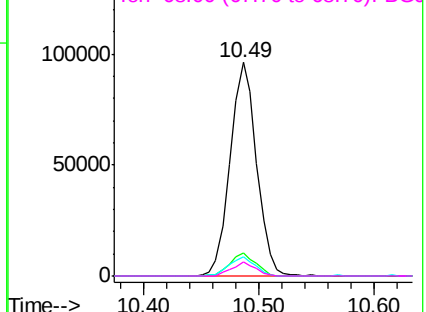
137 10.7 8.3 12.5

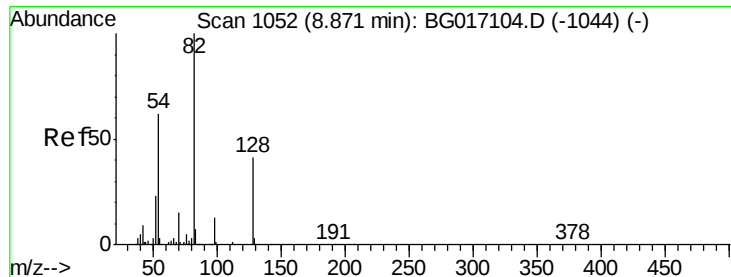
54 9.0 7.4 11.2

68 6.4 3.6 5.4#



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

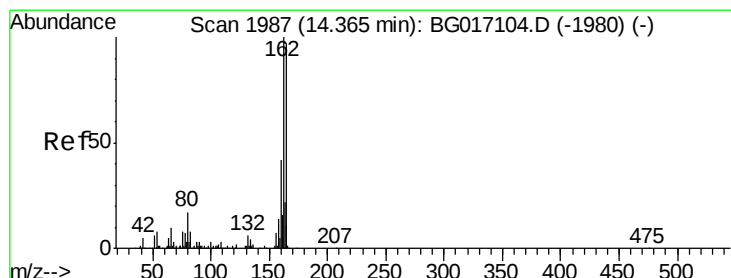
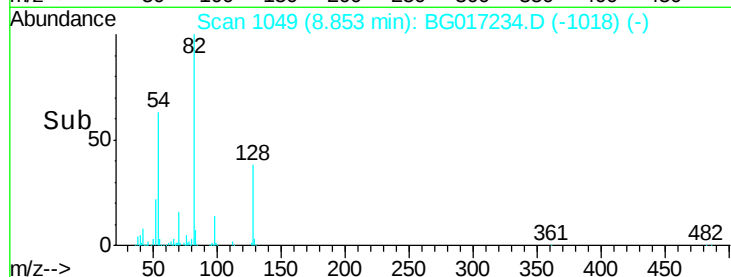
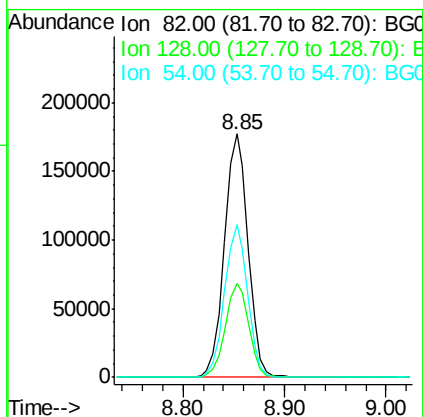
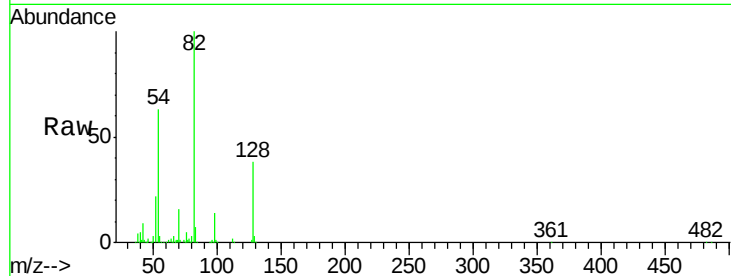




#23
 Nitrobenzene-d5
 Concen: 87.54 ng
 RT: 8.85 min Scan# 1049
 Delta R.T. -0.02 min
 Lab File: BG017234.D
 Acq: 21 May 2015 4:54

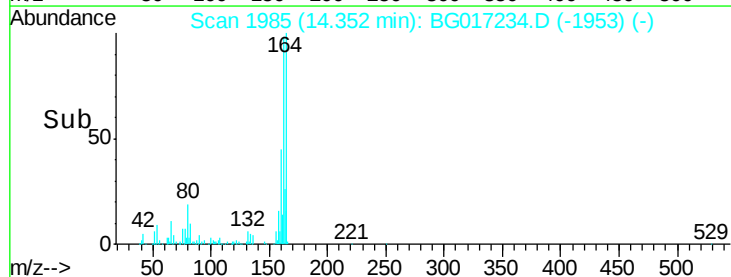
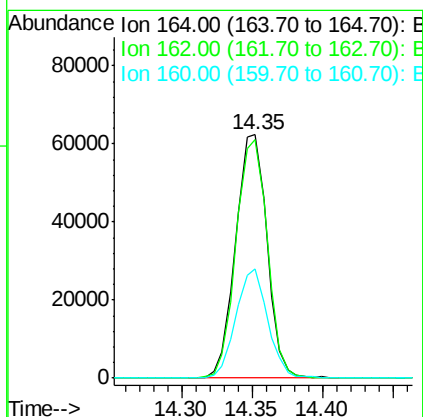
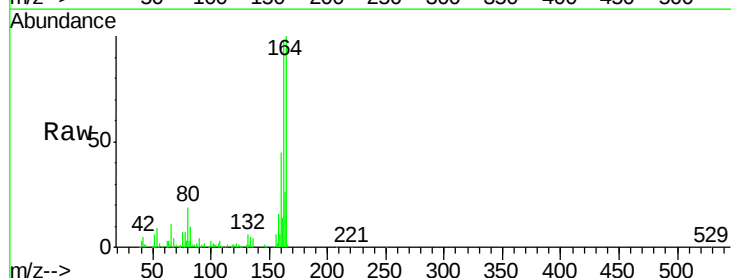
Instrument :
 BNA_G
 ClientSampleId :
 WC-07-D1

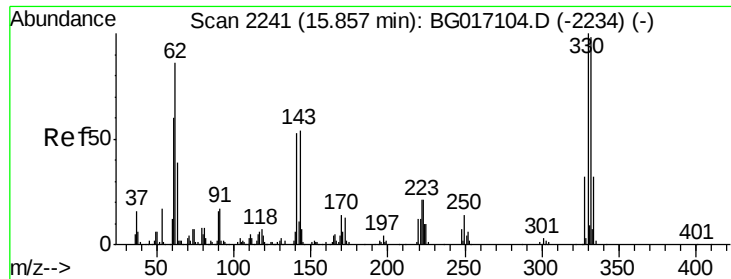
Tgt Ion: 82 Resp: 285325
 Ion Ratio Lower Upper
 82 100
 128 38.3 32.6 49.0
 54 62.6 49.6 74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.35 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: BG017234.D
 Acq: 21 May 2015 4:54

Tgt Ion: 164 Resp: 96843
 Ion Ratio Lower Upper
 164 100
 162 98.1 82.1 123.1
 160 44.9 34.8 52.2

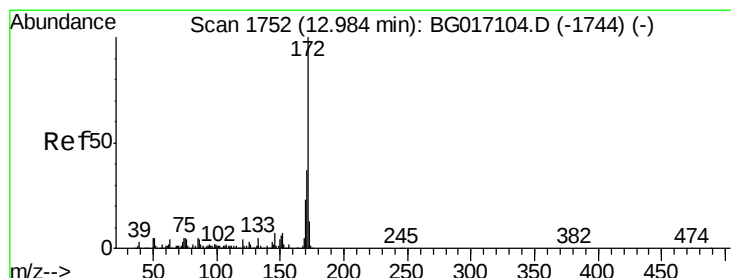
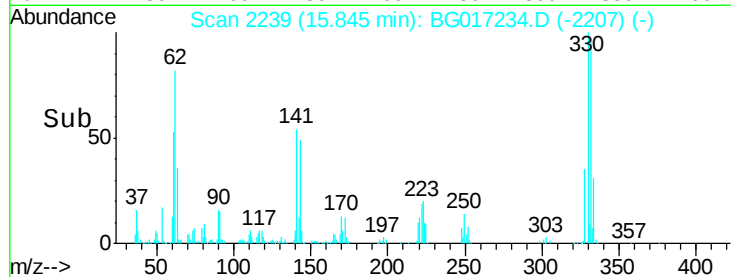
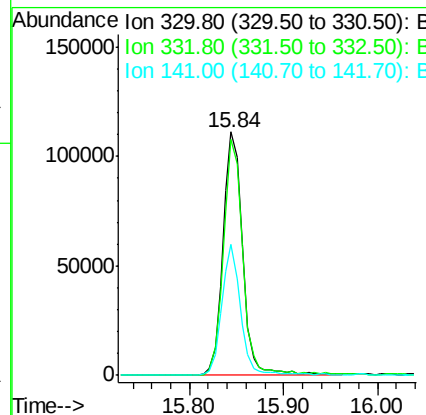
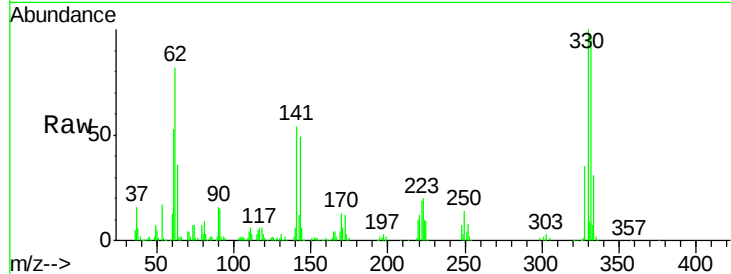




#41
 2,4,6-Tribromophenol
 Concen: 140.19 ng
 RT: 15.84 min Scan# 2239
 Delta R.T. -0.01 min
 Lab File: BG017234.D
 Acq: 21 May 2015 4:54

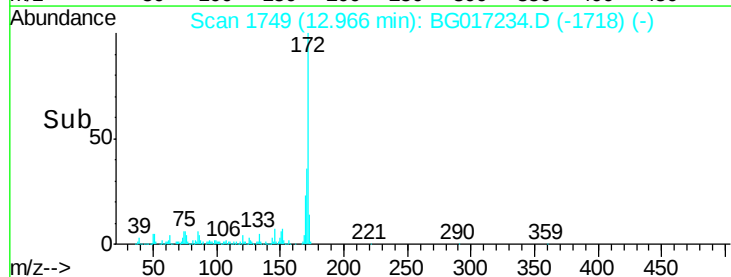
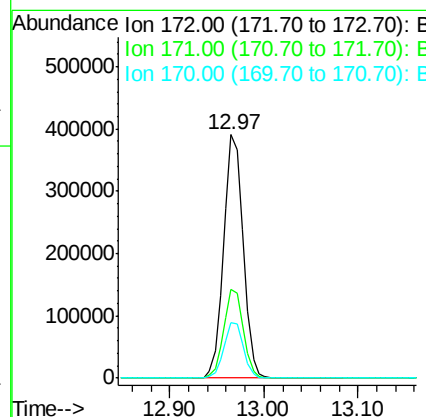
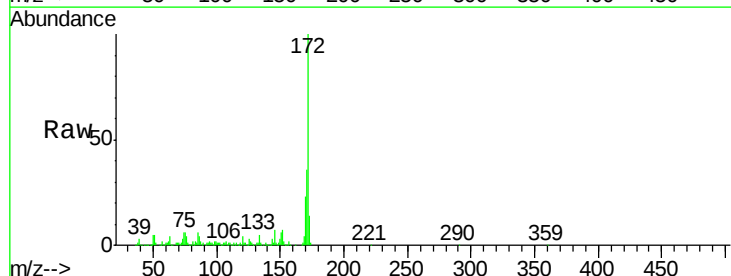
Instrument :
 BNA_G
 ClientSampled :
 WC-07-D1

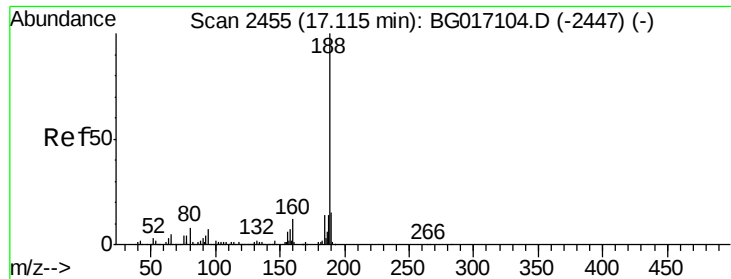
Tgt Ion: 330 Resp: 164113
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.9 115.3
 141 51.3 42.2 63.2



#44
 2-Fluorobiphenyl
 Concen: 86.17 ng
 RT: 12.97 min Scan# 1749
 Delta R.T. -0.02 min
 Lab File: BG017234.D
 Acq: 21 May 2015 4:54

Tgt Ion: 172 Resp: 568684
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 22.9 18.4 27.6

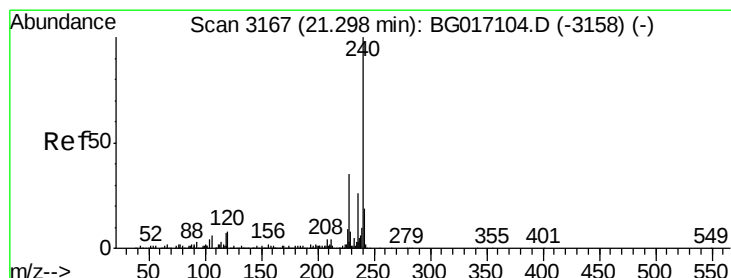
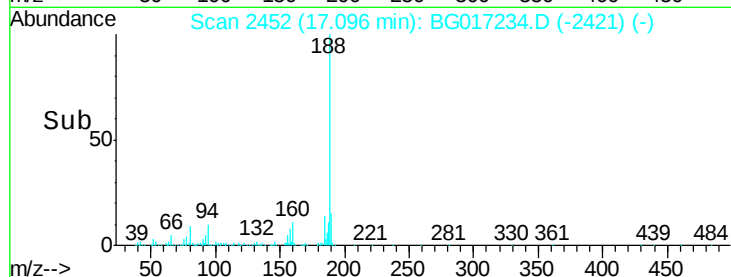
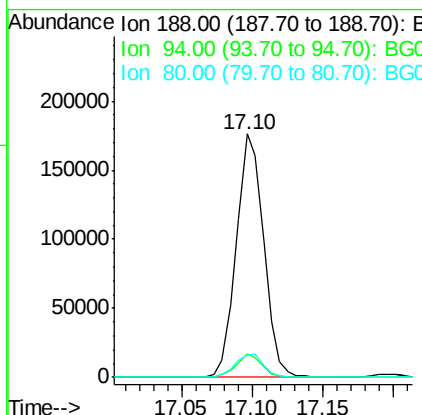
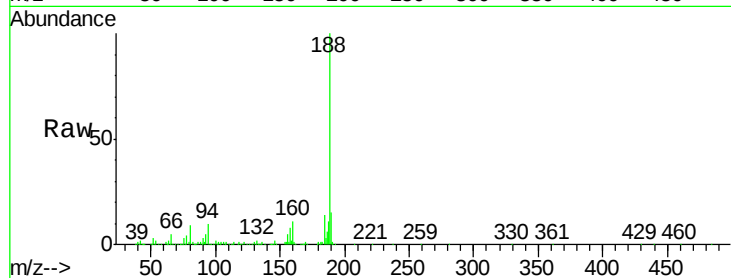




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.10 min Scan# 2452
Delta R.T. -0.02 min
Lab File: BG017234.D
Acq: 21 May 2015 4:54

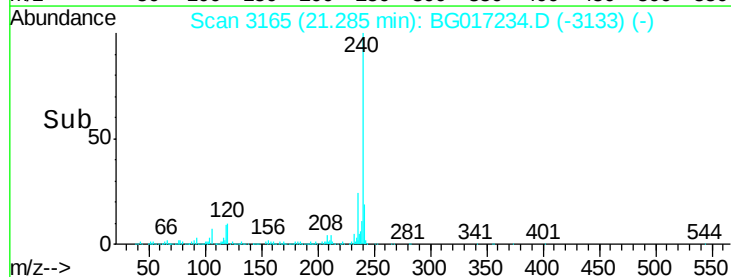
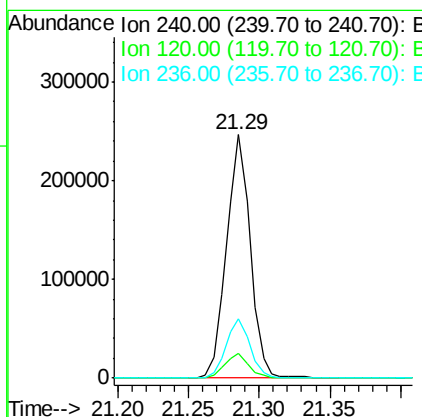
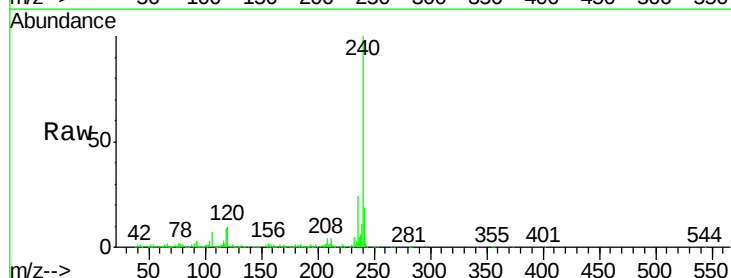
Instrument :
BNA_G
ClientSampleId :
WC-07-D1

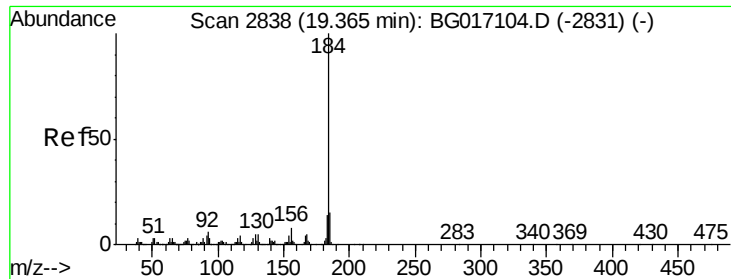
Tgt Ion:188 Resp: 238899
Ion Ratio Lower Upper
188 100
94 9.5 5.8 8.6#
80 9.2 6.5 9.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.29 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG017234.D
Acq: 21 May 2015 4:54

Tgt Ion:240 Resp: 289150
Ion Ratio Lower Upper
240 100
120 10.4 6.0 9.0#
236 24.3 20.5 30.7





#76

Benzidine

Concen: 5.17 ng

RT: 19.35 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BG017234.D

Acq: 21 May 2015 4:54

Instrument :

BNA_G

ClientSampleId :

WC-07-D1

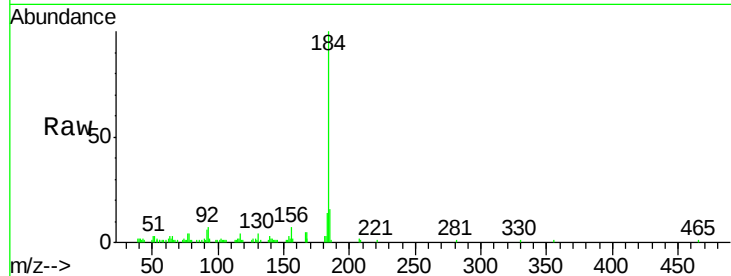
Tgt Ion:184 Resp: 48844

Ion Ratio Lower Upper

184 100

185 16.2 12.4 18.6

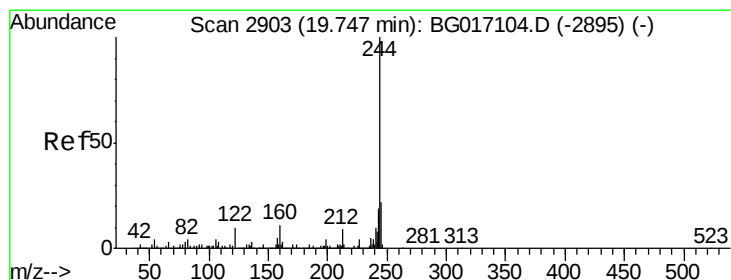
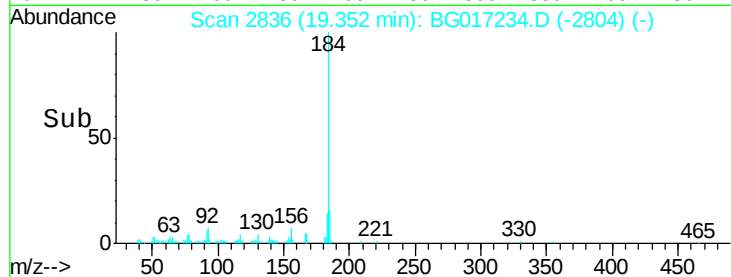
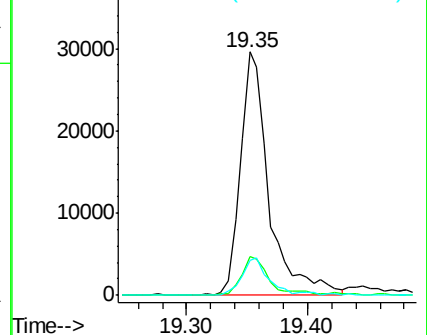
183 14.3 11.4 17.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 84.96 ng

RT: 19.73 min Scan# 2901

Delta R.T. -0.01 min

Lab File: BG017234.D

Acq: 21 May 2015 4:54

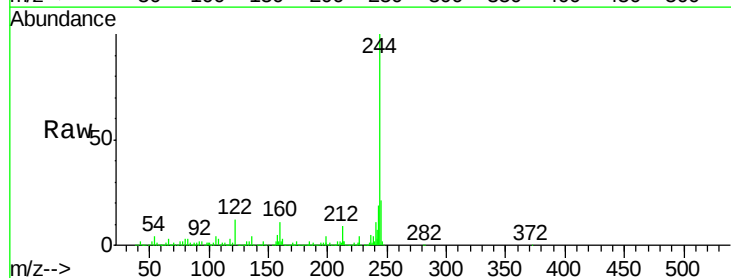
Tgt Ion:244 Resp: 1178842

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.4

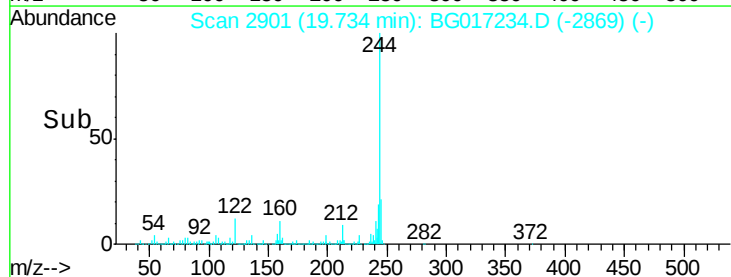
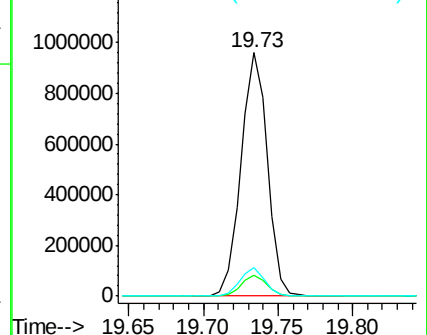
122 11.9 8.4 12.6

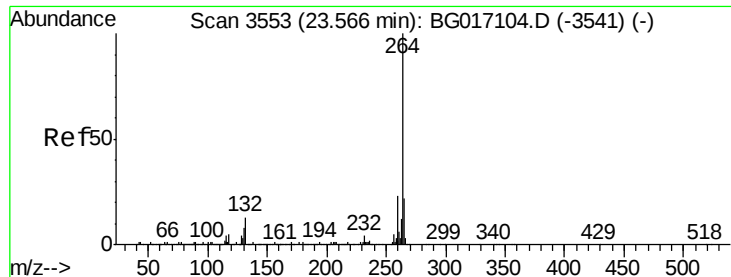


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.55 min Scan# 3550

Delta R.T. -0.02 min

Lab File: BG017234.D

Acq: 21 May 2015 4:54

Instrument :

BNA_G

ClientSampleId :

WC-07-D1

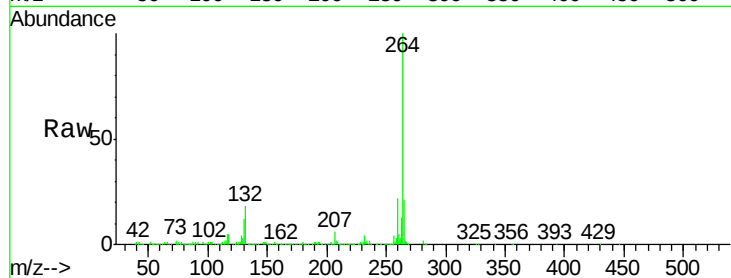
Tgt Ion: 264 Resp: 284998

Ion Ratio Lower Upper

264 100

260 21.7 18.0 27.0

265 21.1 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

