

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051915\
 Data File : BG017209.D
 Acq On : 19 May 2015 21:35
 Operator : TP/IZ
 Sample : G2282-21
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-01-D1

Quant Time: May 20 03:20:12 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 02:03:07 2015
 Response via : Initial Calibration

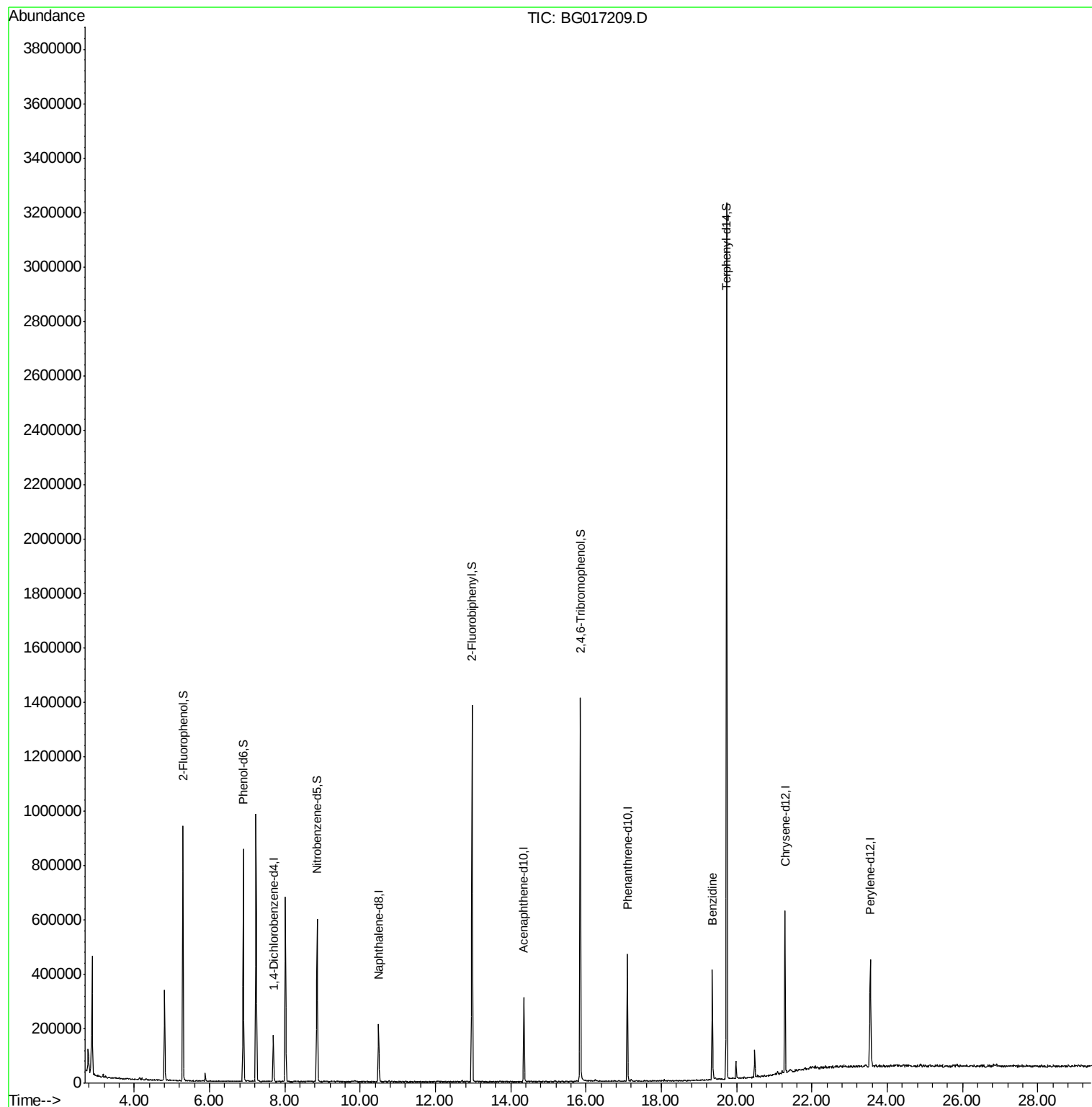
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	37423	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	150654	20.00	ng	0.00
38) Acenaphthene-d10	14.35	164	97550	20.00	ng	0.00
63) Phenanthrene-d10	17.10	188	238772	20.00	ng	0.00
75) Chrysene-d12	21.29	240	280132	20.00	ng	0.00
86) Perylene-d12	23.55	264	279585	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	315038	149.36	ng	0.00
7) Phenol-d6	6.89	99	368439	124.47	ng	0.00
23) Nitrobenzene-d5	8.86	82	304171	94.26	ng	0.00
41) 2,4,6-Tribromophenol	15.85	330	205453	174.23	ng	0.00
44) 2-Fluorobiphenyl	12.97	172	604509	90.93	ng	0.00
78) Terphenyl-d14	19.74	244	1270101	94.48	ng	0.00
Target Compounds						
76) Benzidine	19.36	184	199892	21.86	ng	Qvalue 96

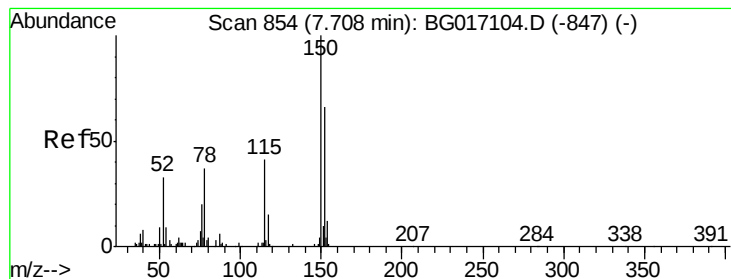
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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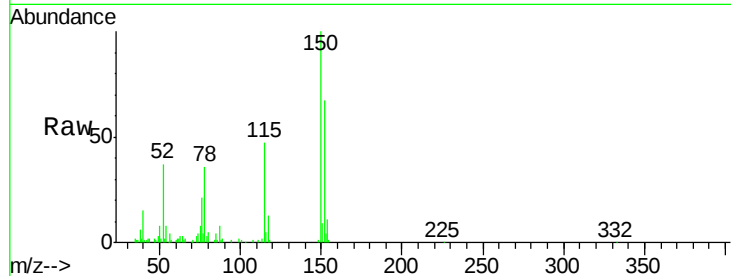


#1

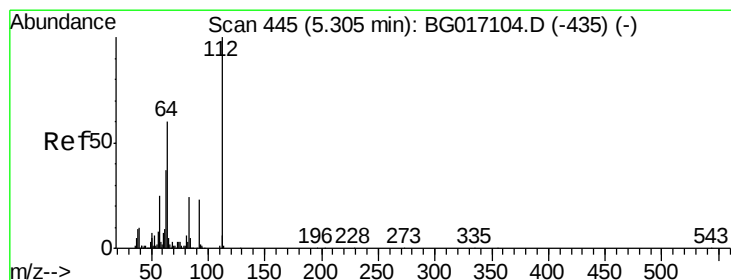
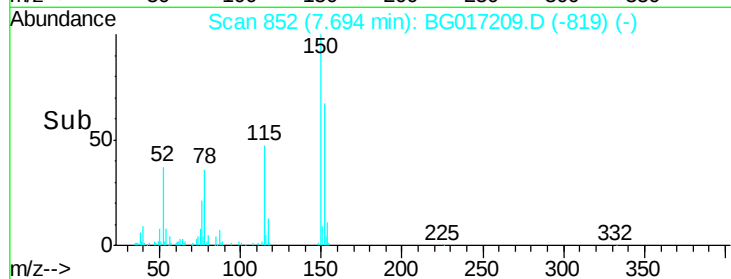
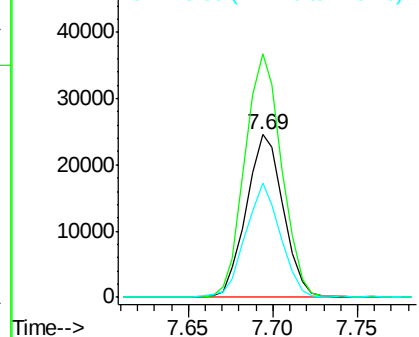
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 852
Delta R.T. -0.01 min
Lab File: BG017209.D
Acq: 19 May 2015 21:35

Instrument :
BNA_G
ClientSampleId :
WC-01-D1

Tgt Ion:152 Resp: 37423
Ion Ratio Lower Upper
152 100
150 149.7 120.8 181.2
115 70.7 49.4 74.2



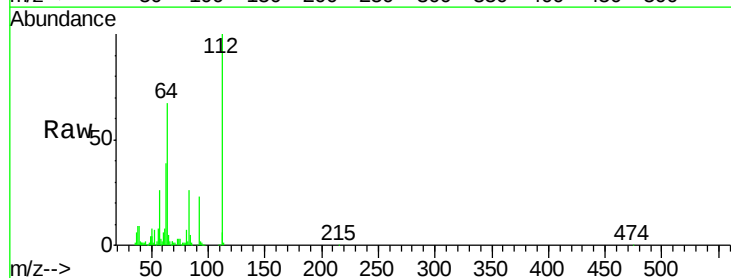
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



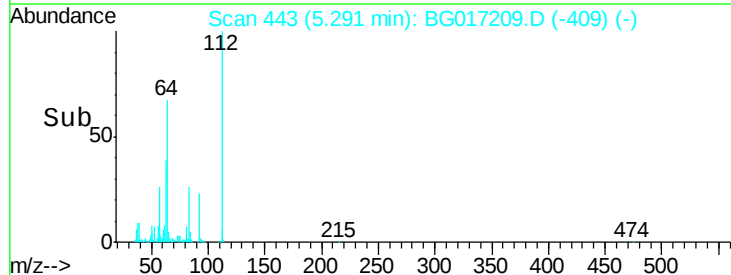
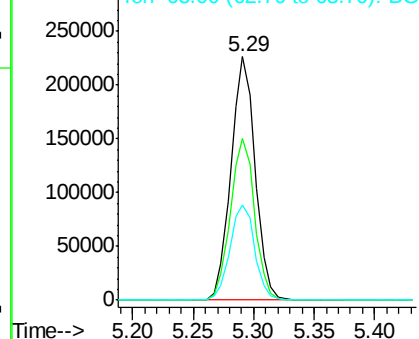
#5

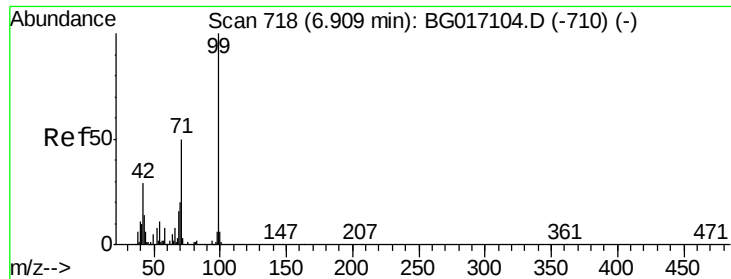
2-Fluorophenol
Concen: 149.36 ng
RT: 5.29 min Scan# 443
Delta R.T. 0.00 min
Lab File: BG017209.D
Acq: 19 May 2015 21:35

Tgt Ion:112 Resp: 315038
Ion Ratio Lower Upper
112 100
64 66.5 48.1 72.1
63 39.1 29.8 44.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 124.47 ng

RT: 6.89 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG017209.D

Acq: 19 May 2015 21:35

Instrument :

BNA_G

ClientSampleId :

WC-01-D1

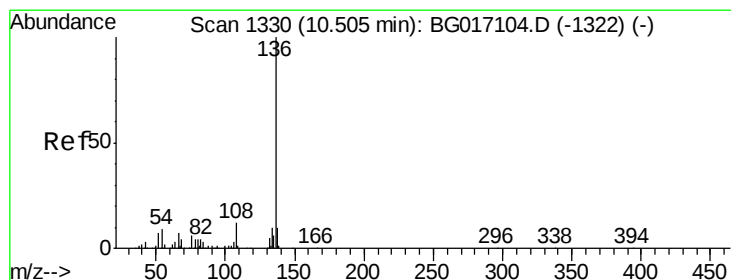
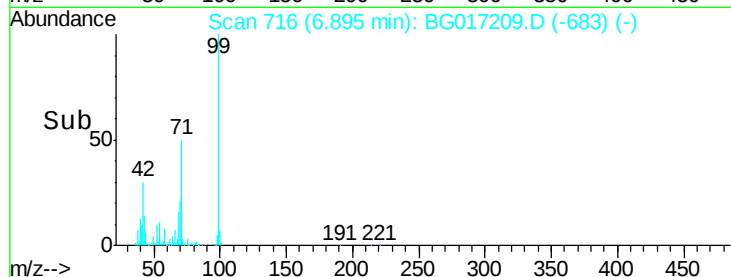
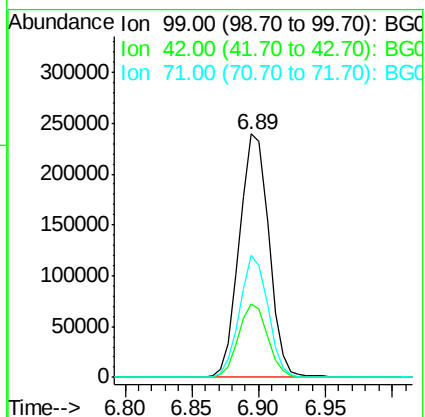
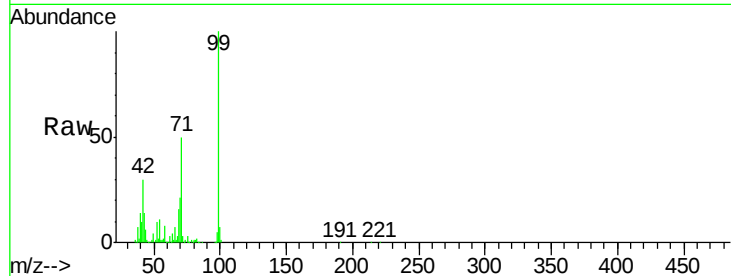
Tgt Ion: 99 Resp: 368439

Ion Ratio Lower Upper

99 100

42 30.4 23.5 35.3

71 49.9 39.8 59.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.49 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BG017209.D

Acq: 19 May 2015 21:35

Tgt Ion: 136 Resp: 150654

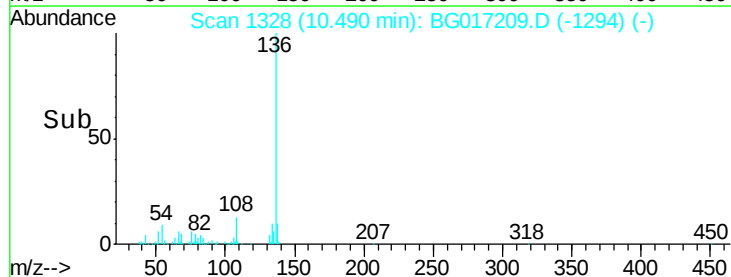
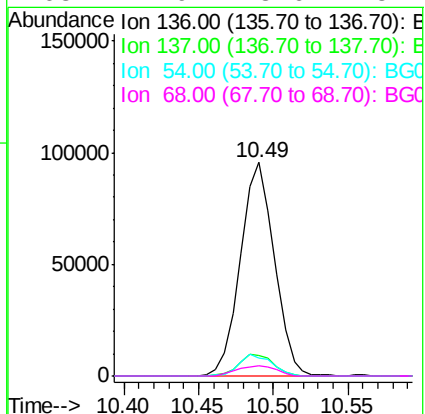
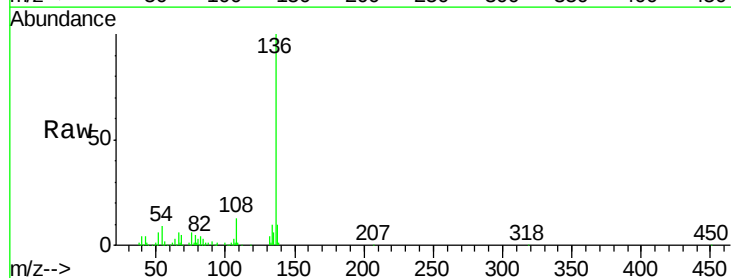
Ion Ratio Lower Upper

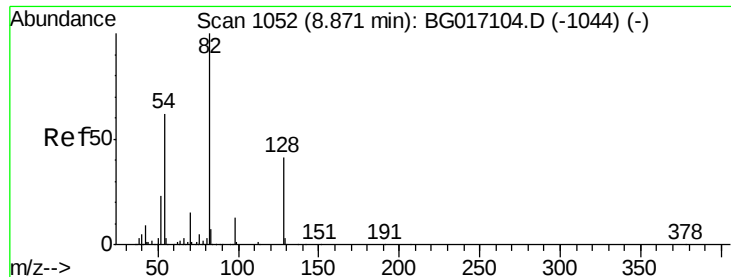
136 100

137 9.8 8.3 12.5

54 8.6 7.4 11.2

68 4.9 3.6 5.4





#23

Nitrobenzene-d5

Concen: 94.26 ng

RT: 8.86 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BG017209.D

Acq: 19 May 2015 21:35

Instrument :

BNA_G

ClientSampleId :

WC-01-D1

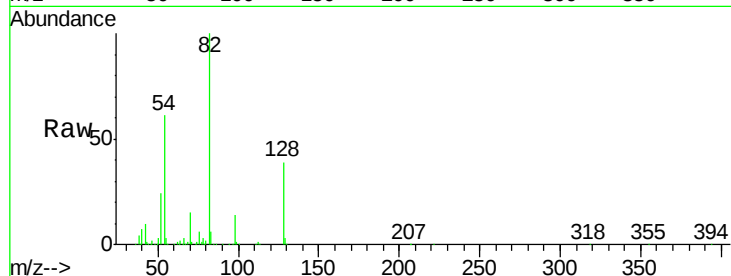
Tgt Ion: 82 Resp: 304171

Ion Ratio Lower Upper

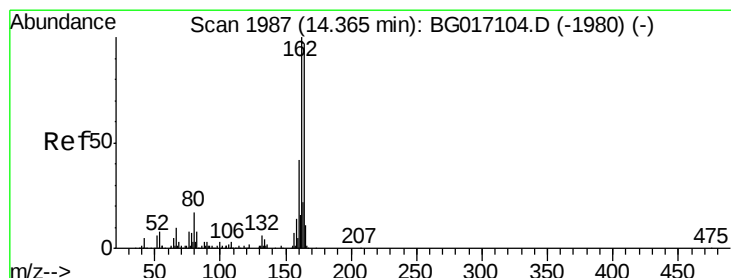
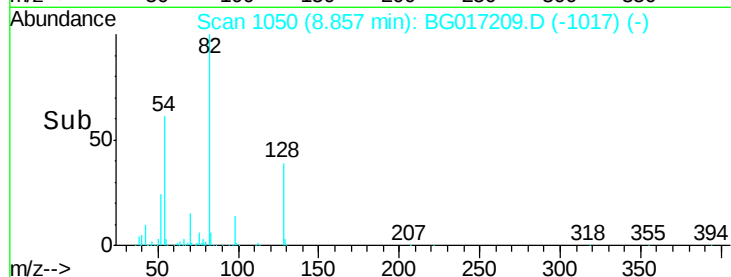
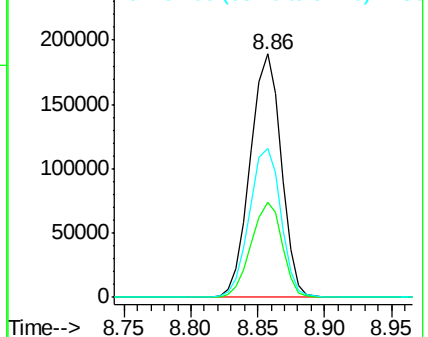
82 100

128 39.2 32.6 49.0

54 60.9 49.6 74.4



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: 14.35 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG017209.D

Acq: 19 May 2015 21:35

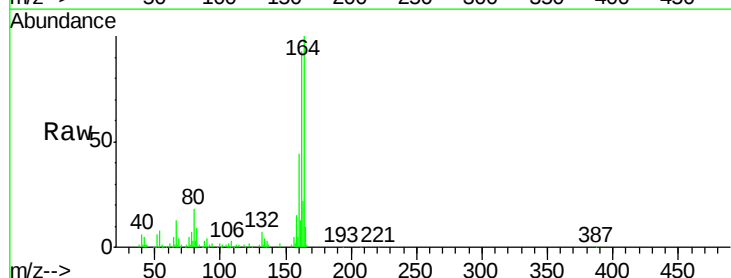
Tgt Ion: 164 Resp: 97550

Ion Ratio Lower Upper

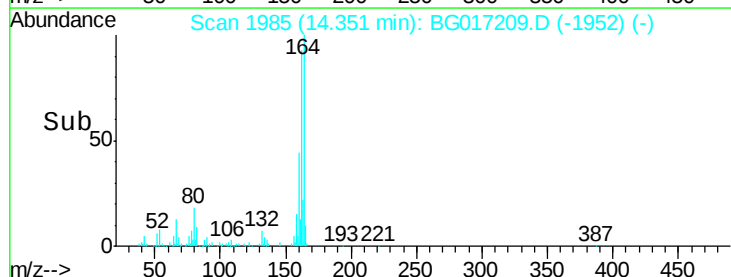
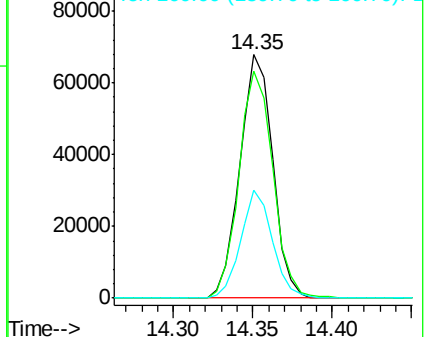
164 100

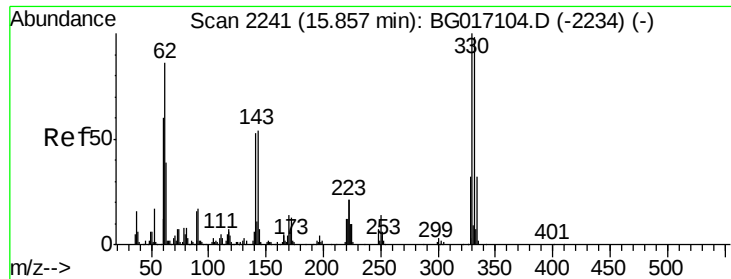
162 93.3 82.1 123.1

160 44.4 34.8 52.2



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

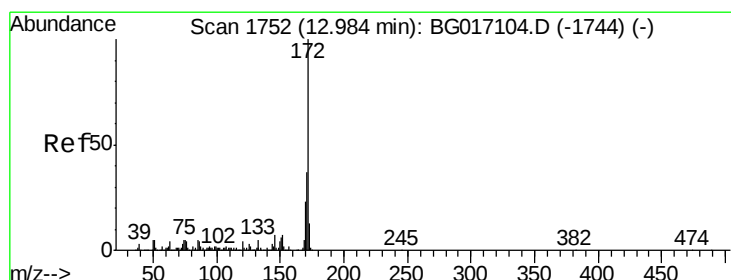
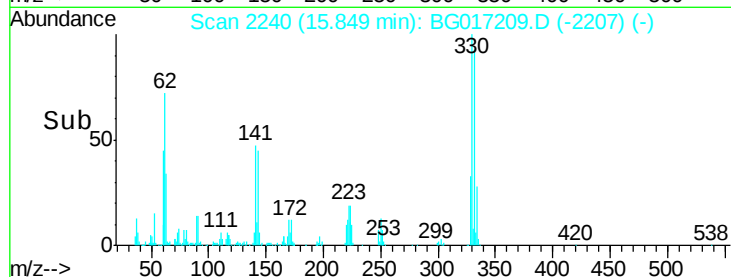
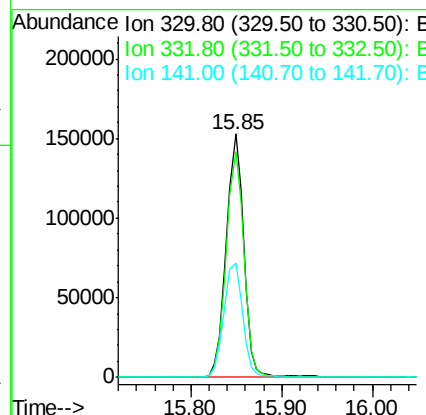
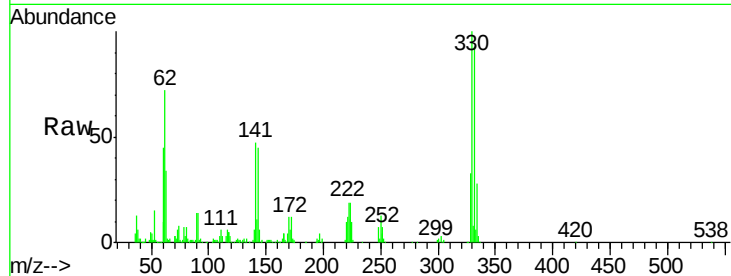




#41
 2,4,6-Tribromophenol
 Concen: 174.23 ng
 RT: 15.85 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: BG017209.D
 Acq: 19 May 2015 21:35

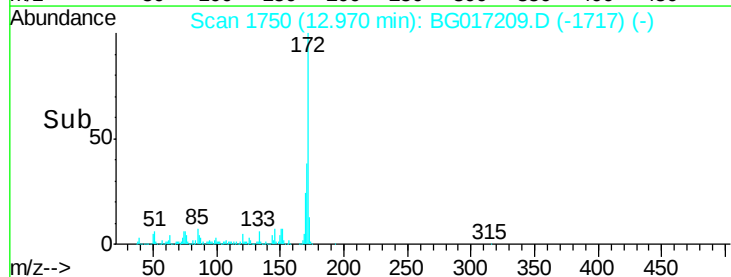
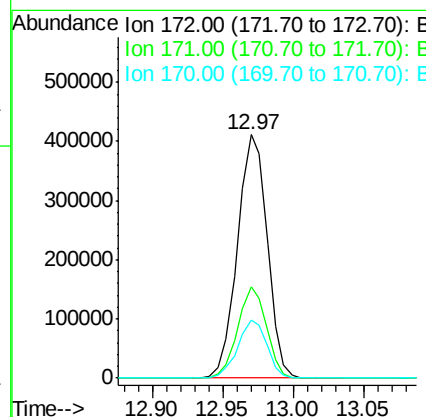
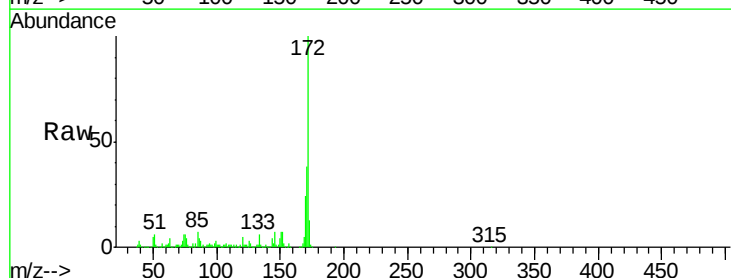
Instrument :
 BNA_G
 ClientSampleId :
 WC-01-D1

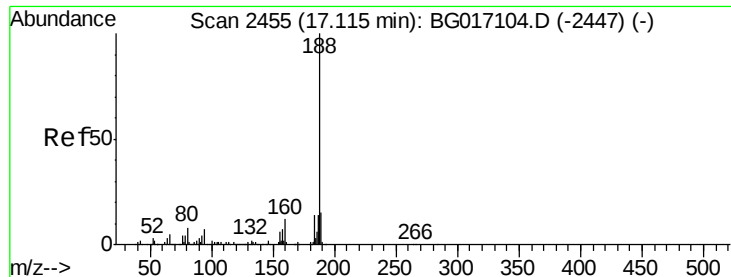
Tgt Ion:330 Resp: 205453
 Ion Ratio Lower Upper
 330 100
 332 93.2 76.9 115.3
 141 50.0 42.2 63.2



#44
 2-Fluorobiphenyl
 Concen: 90.93 ng
 RT: 12.97 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BG017209.D
 Acq: 19 May 2015 21:35

Tgt Ion:172 Resp: 604509
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.7 44.5
 170 23.6 18.4 27.6

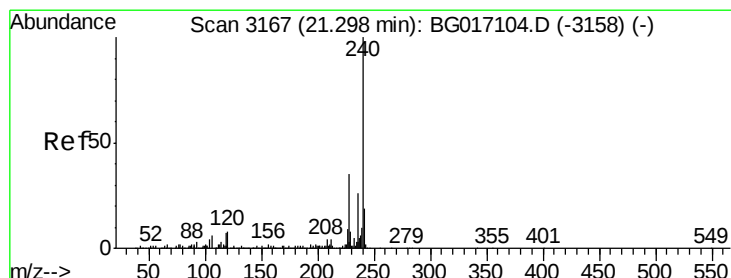
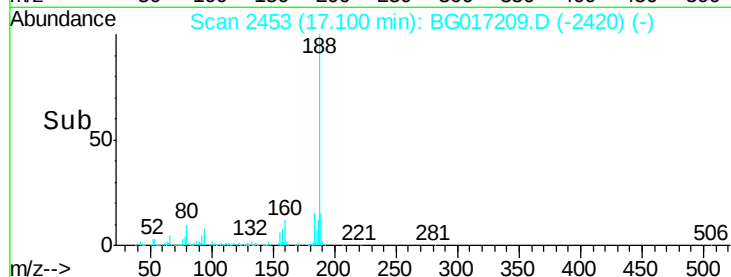
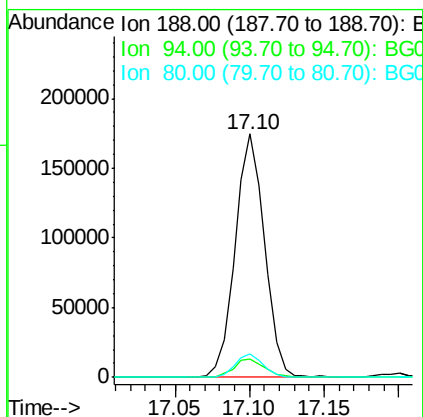
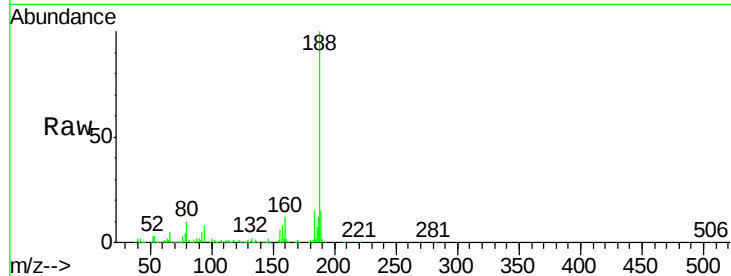




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.10 min Scan# 2453
Delta R.T. -0.01 min
Lab File: BG017209.D
Acq: 19 May 2015 21:35

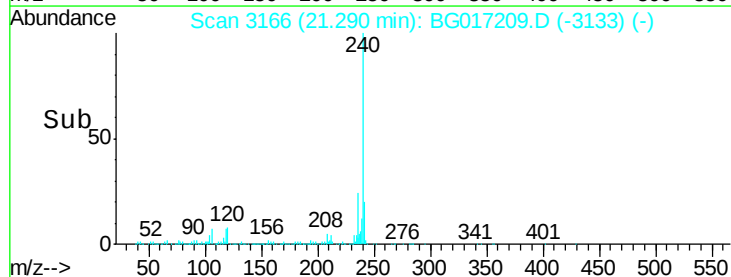
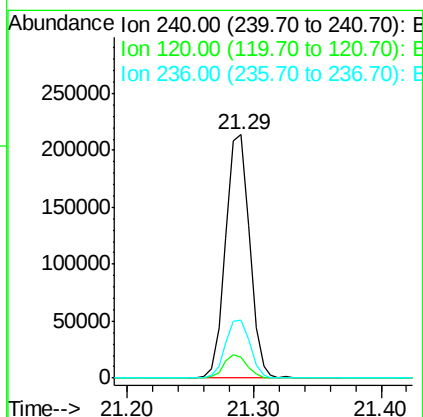
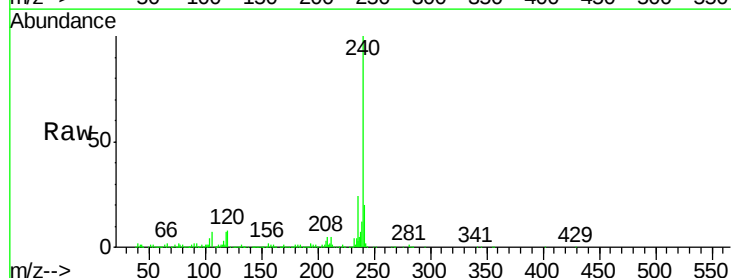
Instrument :
BNA_G
ClientSampleId :
WC-01-D1

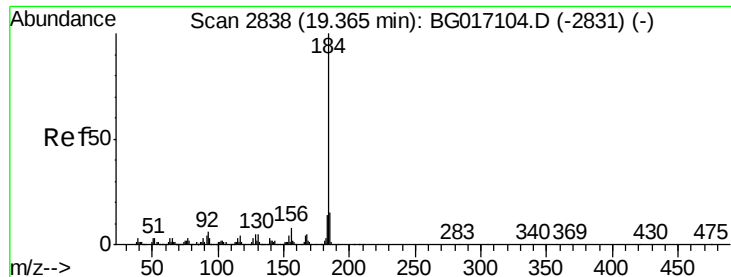
Tgt Ion:188 Resp: 238772
Ion Ratio Lower Upper
188 100
94 7.7 5.8 8.6
80 9.5 6.5 9.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.29 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG017209.D
Acq: 19 May 2015 21:35

Tgt Ion:240 Resp: 280132
Ion Ratio Lower Upper
240 100
120 8.4 6.0 9.0
236 23.9 20.5 30.7





#76

Benzidine

Concen: 21.86 ng

RT: 19.36 min Scan# 2837

Delta R.T. -0.01 min

Lab File: BG017209.D

Acq: 19 May 2015 21:35

Instrument :

BNA_G

ClientSampleId :

WC-01-D1

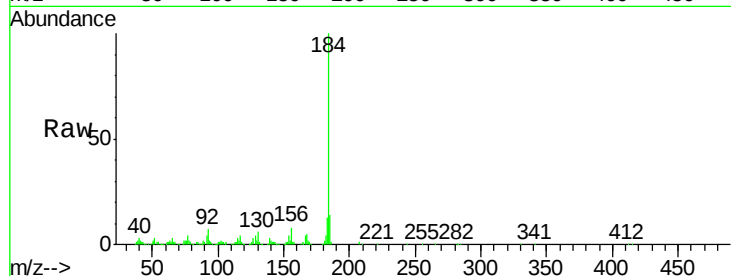
Tgt Ion:184 Resp: 199892

Ion Ratio Lower Upper

184 100

185 13.7 12.4 18.6

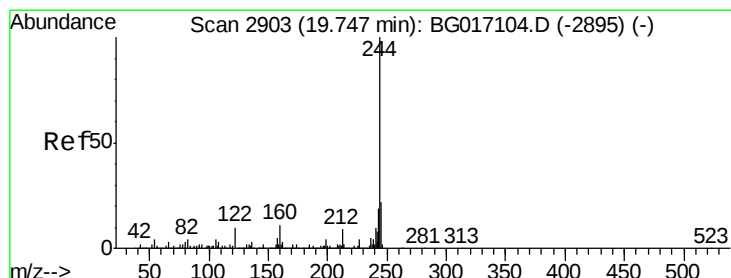
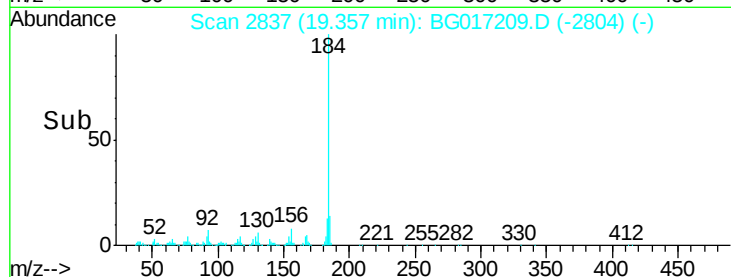
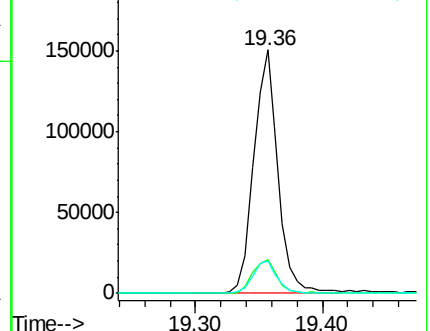
183 13.1 11.4 17.2



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: 94.48 ng

RT: 19.74 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG017209.D

Acq: 19 May 2015 21:35

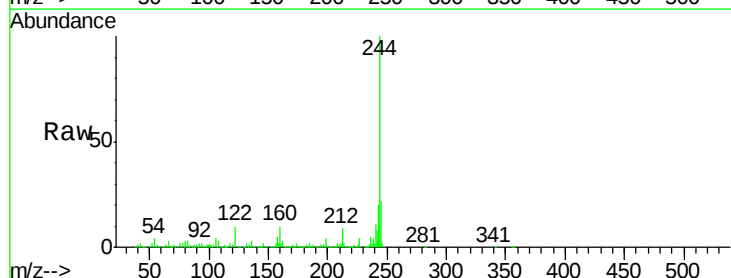
Tgt Ion:244 Resp: 1270101

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.4

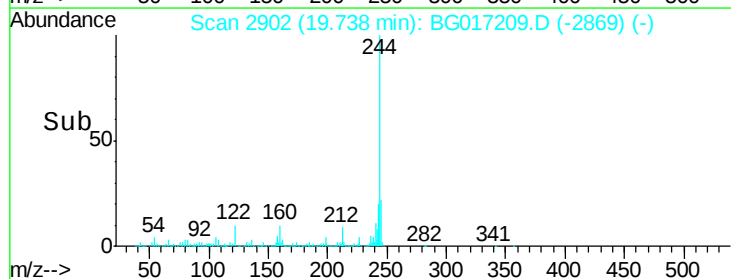
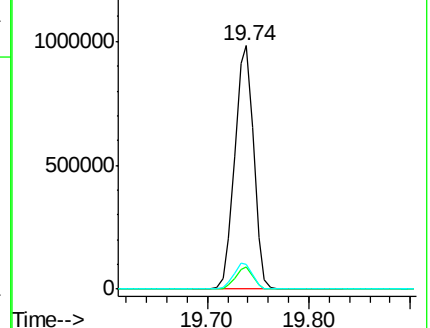
122 10.2 8.4 12.6

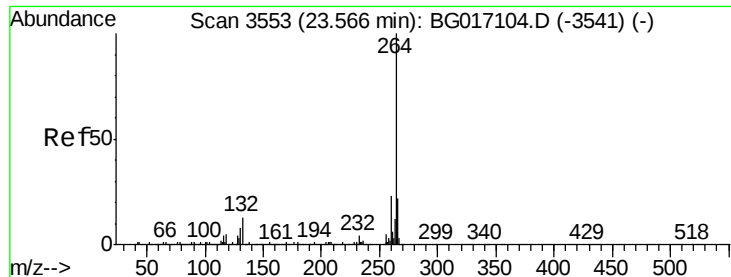


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

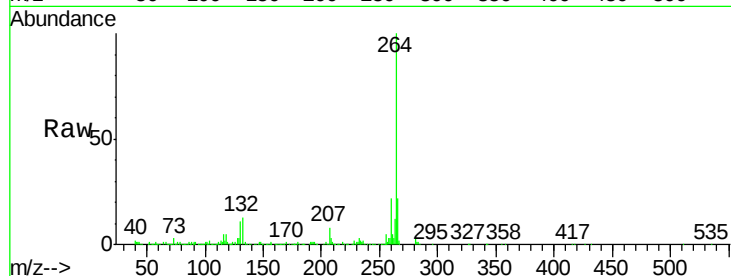




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.55 min Scan# 3551
Delta R.T. -0.02 min
Lab File: BG017209.D
Acq: 19 May 2015 21:35

Instrument :
BNA_G
ClientSampleId :
WC-01-D1

Tgt Ion:	264	Resp:	279585
Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.0	27.0
265	22.0	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

