

Data Path : S:\HPCHEM1\BNA_G\DATA\BG072015\
 Data File : BG017983.D
 Acq On : 20 Jul 2015 11:43
 Operator : TP/UM
 Sample : G2976-05 2X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BRIDGE14-7(0-2)

Quant Time: Jul 20 17:26:54 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 18 01:50:30 2015
 Response via : Initial Calibration

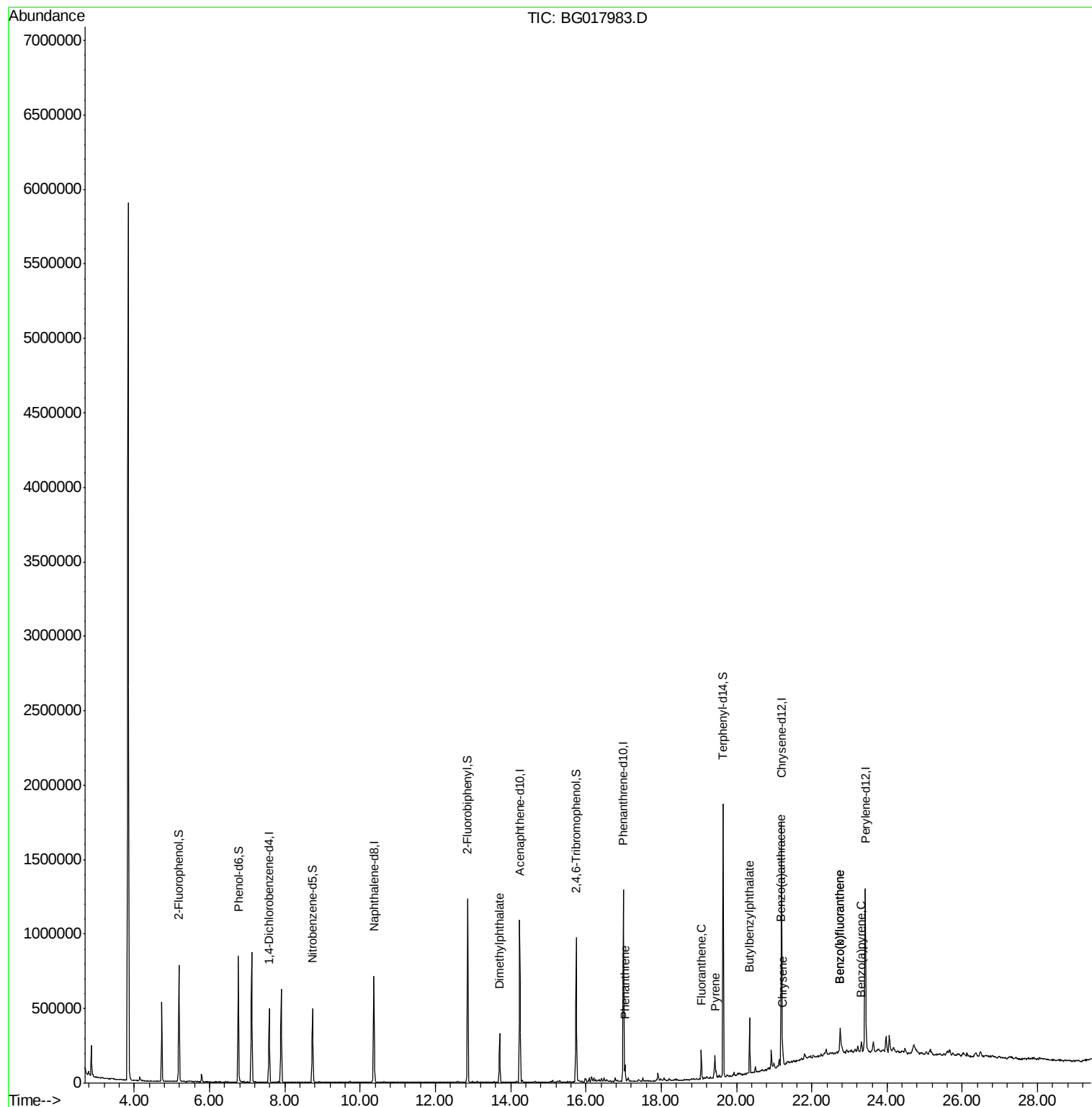
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	129848	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	600573	20.00	ng	0.00
38) Acenaphthene-d10	14.24	164	370717	20.00	ng	0.00
63) Phenanthrene-d10	17.00	188	728424	20.00	ng	0.00
75) Chrysene-d12	21.20	240	731961	20.00	ng	0.00
86) Perylene-d12	23.42	264	735567	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	362148	48.65	ng	0.00
7) Phenol-d6	6.77	99	499613	51.23	ng	0.00
23) Nitrobenzene-d5	8.74	82	283540	30.58	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	164913	43.91	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	629085	29.41	ng	0.00
78) Terphenyl-d14	19.64	244	771775	26.56	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	13.71	163	208119	8.08	ng	99
70) Phenanthrene	17.04	178	64170	1.71	ng	# 95
74) Fluoranthene	19.07	202	105922	2.58	ng	98
77) Pyrene	19.43	202	86448	2.12	ng	97
79) Butylbenzylphthalate	20.35	149	117528	6.43	ng	93
80) Benzo(a)anthracene	21.18	228	52235	1.35	ng	98
82) Chrysene	21.23	228	42270	1.15	ng	97
87) Benzo(b)fluoranthene	22.76	252	62872	1.56	ng	# 95
88) Benzo(k)fluoranthene	22.76	252	62872	1.56	ng	# 96
89) Benzo(a)pyrene	23.32	252	44458	1.19	ng	95

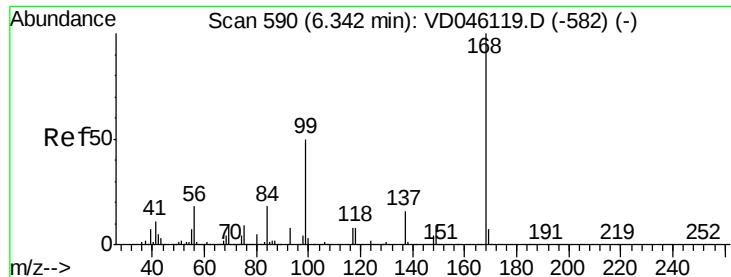
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.58 min Scan# 833

Delta R.T. -0.00 min

Lab File: BG017983.D

Acq: 20 Jul 2015 11:43

Instrument :

BNA_G

ClientSampleId :

BRIDGE14-7(0-2)

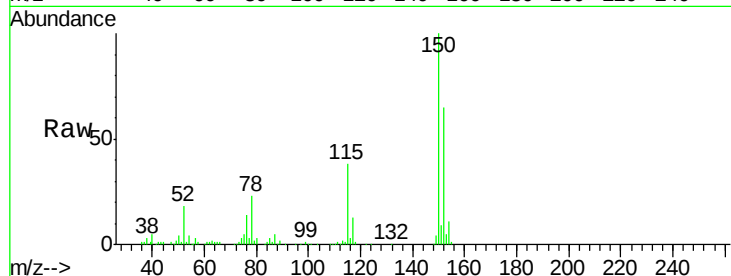
Tgt Ion:152 Resp: 129848

Ion Ratio Lower Upper

152 100

150 153.5 119.1 178.7

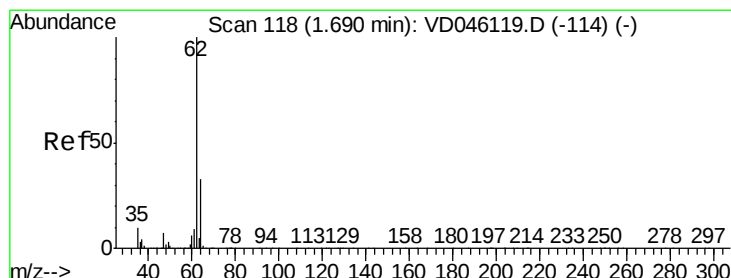
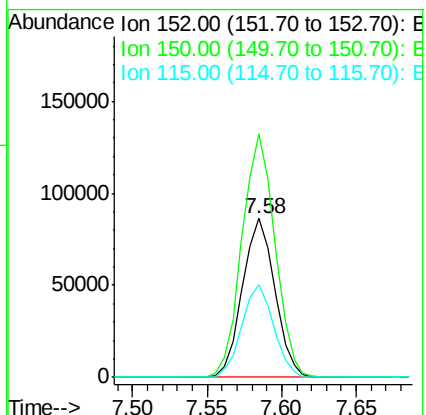
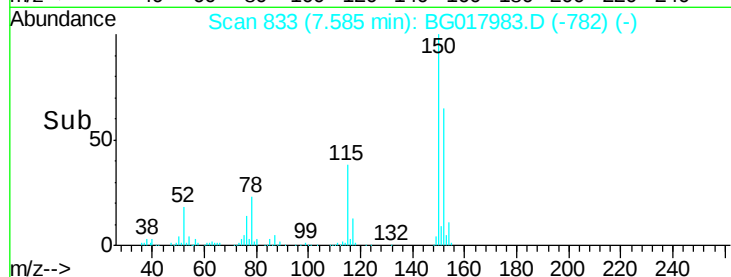
115 58.1 47.0 70.4



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: Below ng

RT: 5.19 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG017983.D

Acq: 20 Jul 2015 11:43

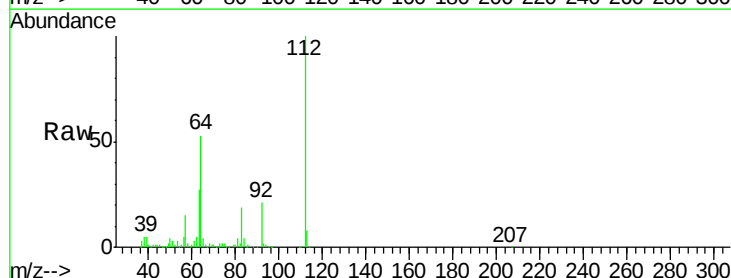
Tgt Ion:112 Resp: 362148

Ion Ratio Lower Upper

112 100

64 52.9 45.4 68.0

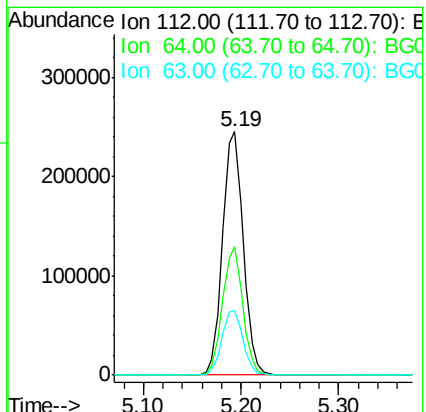
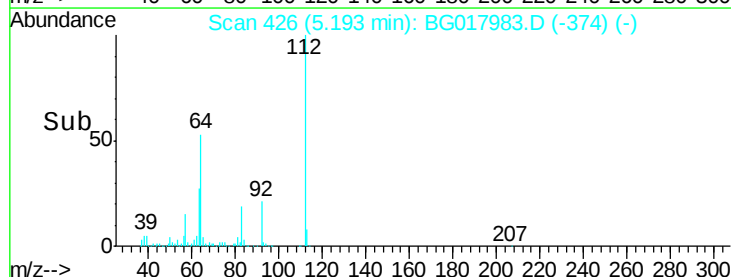
63 26.6 25.3 37.9

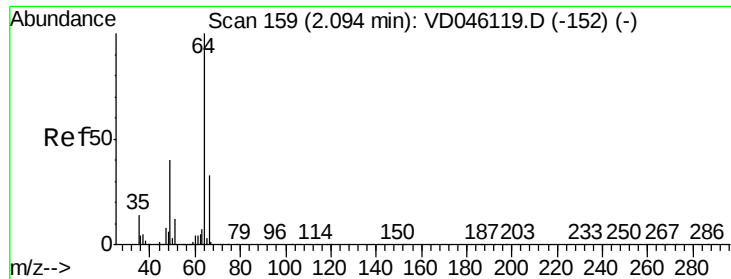


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: Below ng

RT: 6.77 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG017983.D

Acq: 20 Jul 2015 11:43

Instrument :

BNA_G

ClientSampleId :

BRIDGE14-7(0-2)

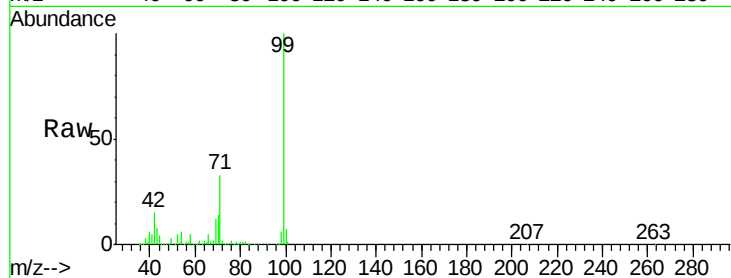
Tgt Ion: 99 Resp: 499613

Ion Ratio Lower Upper

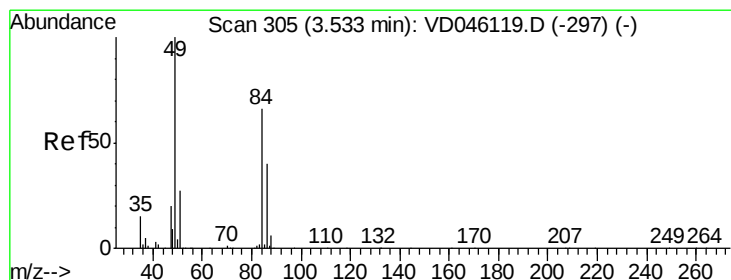
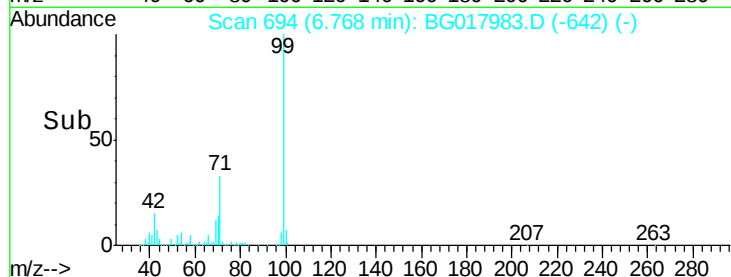
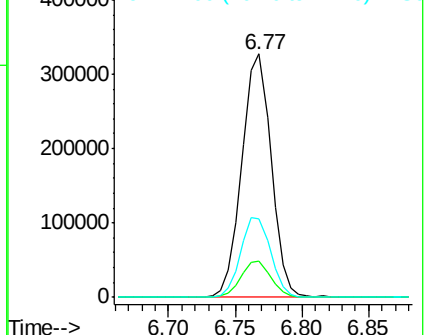
99 100

42 14.9 16.2 24.4#

71 32.5 29.5 44.3



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: 10.36 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BG017983.D

Acq: 20 Jul 2015 11:43

Tgt Ion: 136 Resp: 600573

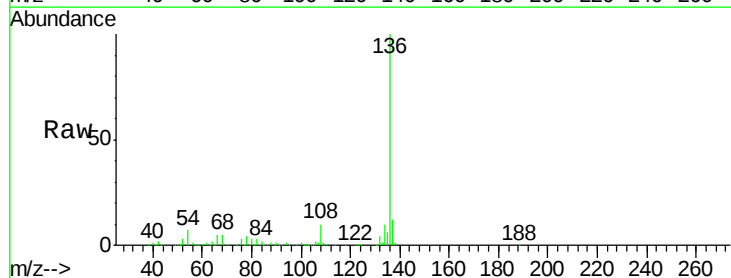
Ion Ratio Lower Upper

136 100

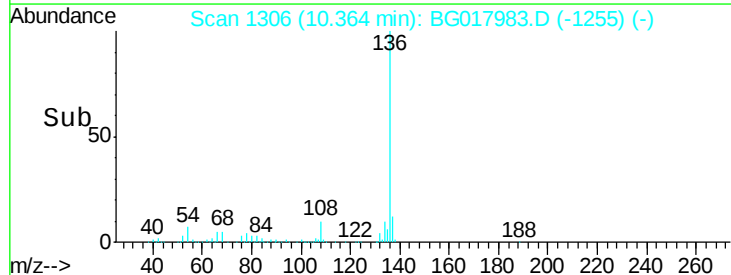
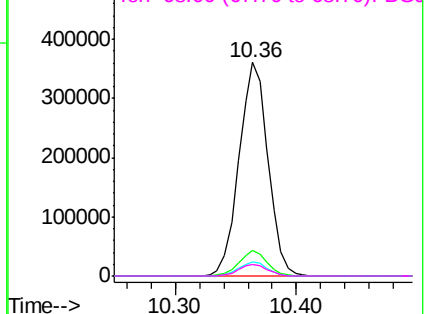
137 11.9 8.8 13.2

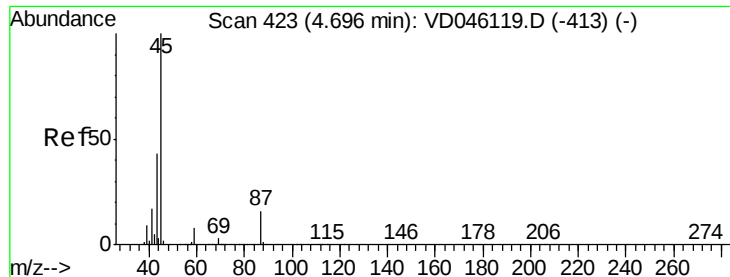
54 6.7 6.6 9.8

68 5.2 5.1 7.7



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

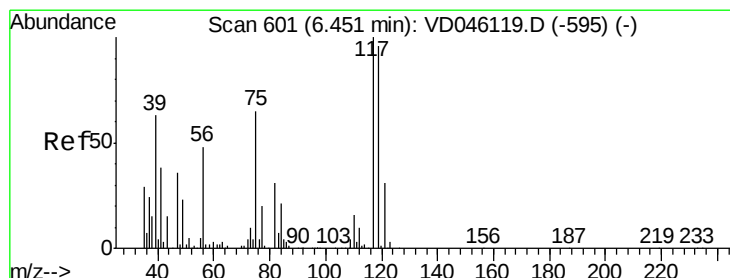
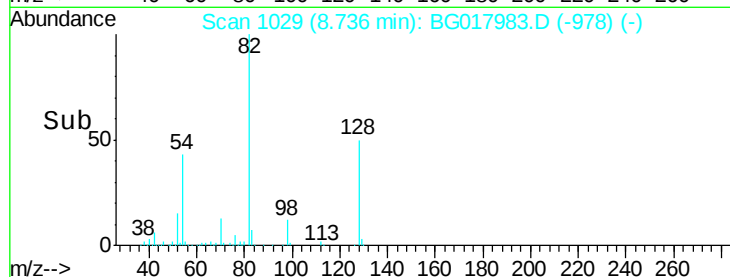
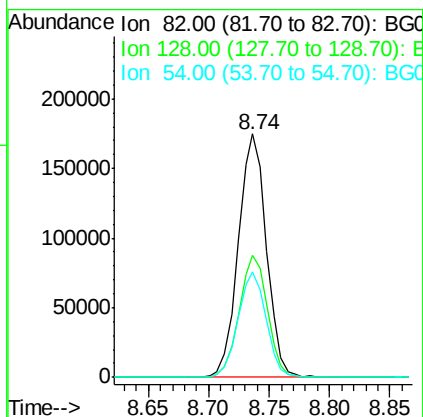
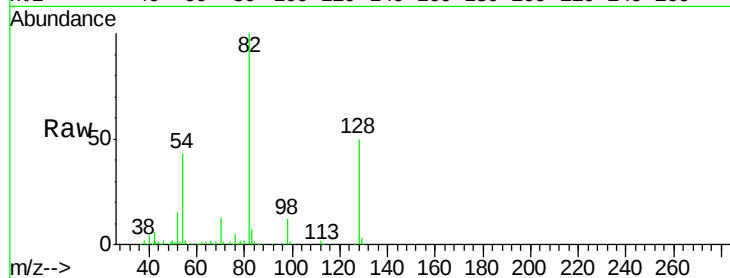




#23
 Nitrobenzene-d5
 Concen: Below ng
 RT: 8.74 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BG017983.D
 Acq: 20 Jul 2015 11:43

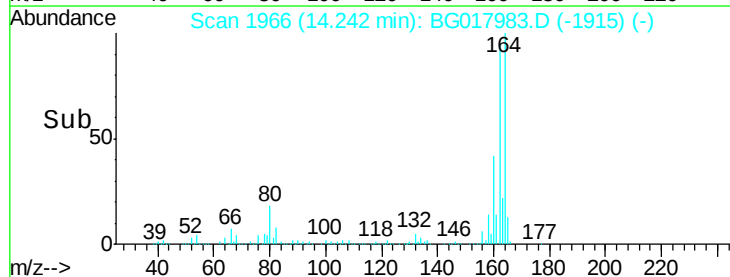
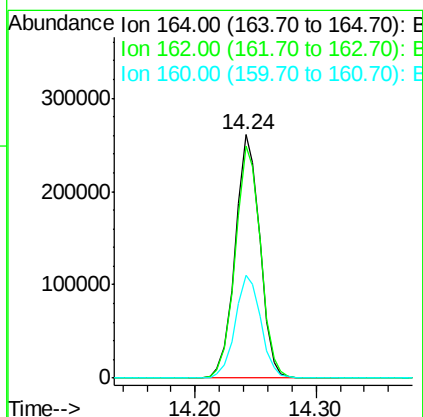
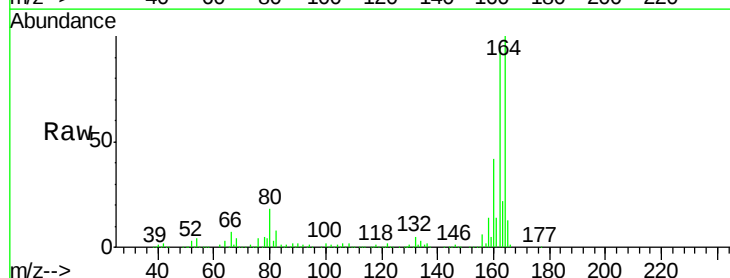
Instrument :
 BNA_G
 ClientSampleId :
 BRIDGE14-7(0-2)

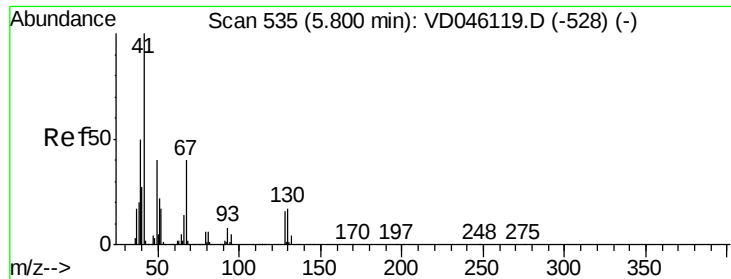
Tgt Ion	Ratio	Lower	Upper
82	100		
128	50.1	37.8	56.6
54	43.2	39.9	59.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.24 min Scan# 1966
 Delta R.T. -0.00 min
 Lab File: BG017983.D
 Acq: 20 Jul 2015 11:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.2	76.3	114.5
160	42.3	33.7	50.5

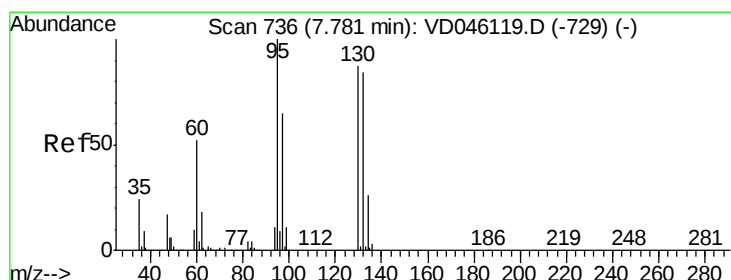
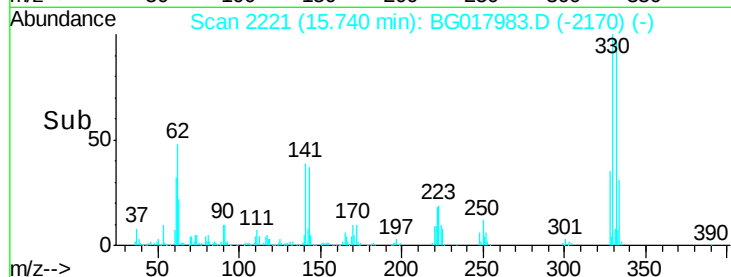
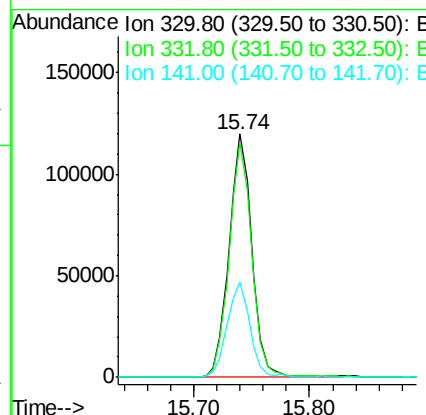
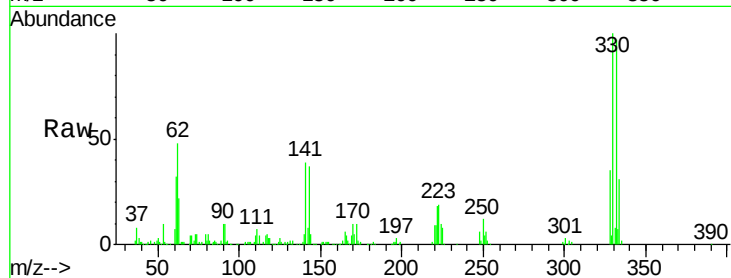




#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 15.74 min Scan# 2221
 Delta R.T. -0.00 min
 Lab File: BG017983.D
 Acq: 20 Jul 2015 11:43

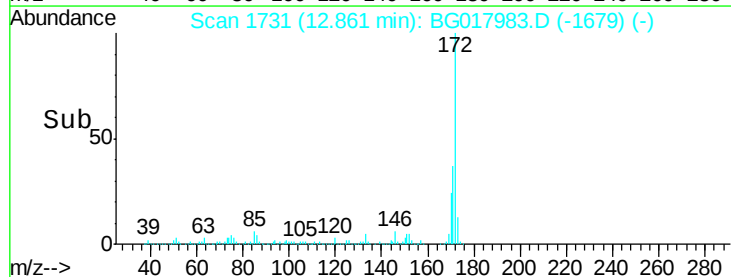
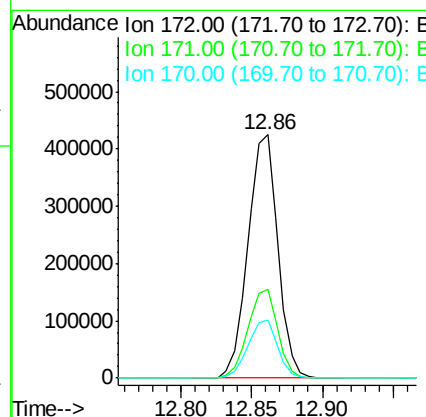
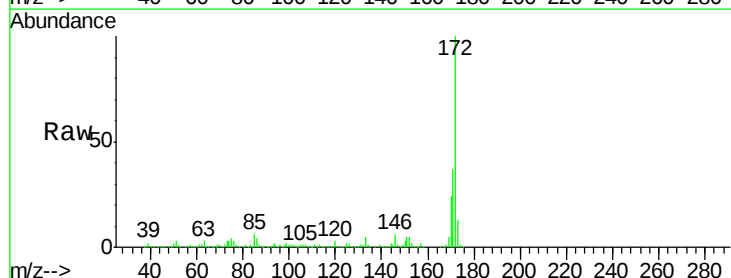
Instrument :
 BNA_G
 ClientSampleId :
 BRIDGE14-7(0-2)

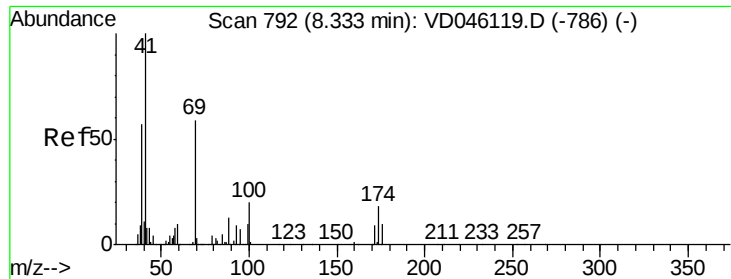
Tgt Ion:330 Resp: 164913
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.8 115.2
 141 39.0 38.0 57.0



#44
 2-Fluorobiphenyl
 Concen: Below ng
 RT: 12.86 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: BG017983.D
 Acq: 20 Jul 2015 11:43

Tgt Ion:172 Resp: 629085
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.7 46.1
 170 23.7 19.7 29.5





#49

Dimethylphthalate

Concen: 8.08 ng

RT: 13.71 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BG017983.D

Acq: 20 Jul 2015 11:43

Instrument :

BNA_G

ClientSampleId :

BRIDGE14-7(0-2)

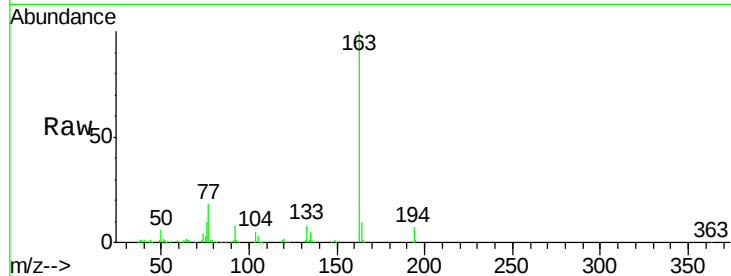
Tgt Ion:163 Resp: 208119

Ion Ratio Lower Upper

163 100

194 7.2 5.8 8.6

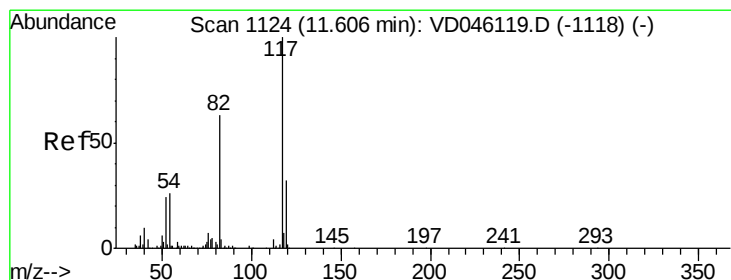
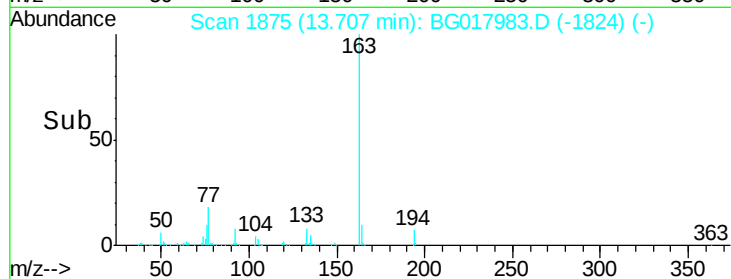
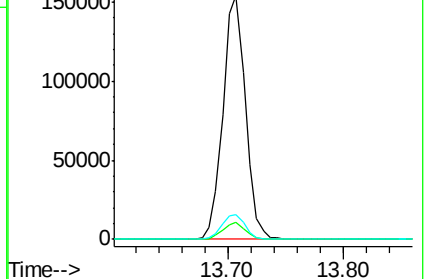
164 10.1 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.00 min Scan# 2435

Delta R.T. -0.00 min

Lab File: BG017983.D

Acq: 20 Jul 2015 11:43

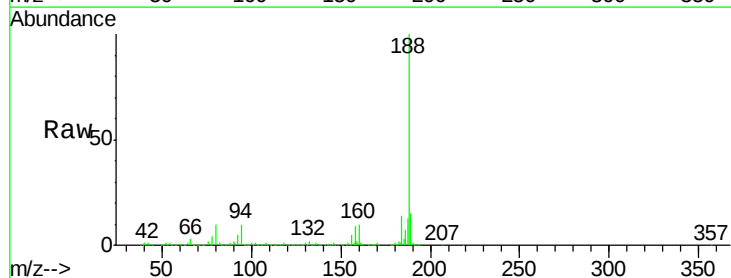
Tgt Ion:188 Resp: 728424

Ion Ratio Lower Upper

188 100

94 9.5 8.2 12.2

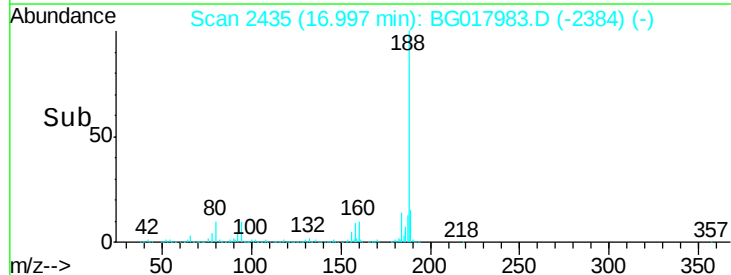
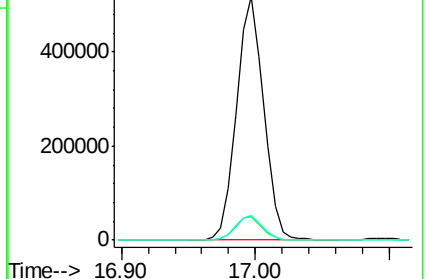
80 10.0 8.2 12.4

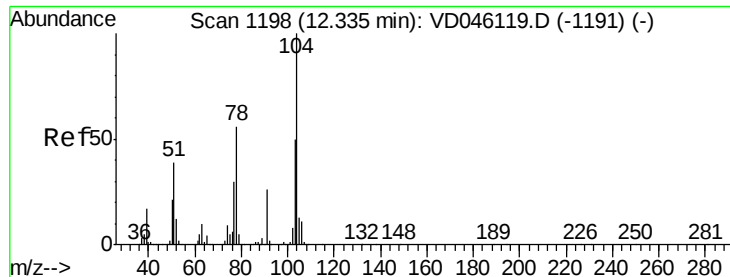


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG





#70

Phenanthrene

Concen: 1.71 ng

RT: 17.04 min Scan# 2442

Delta R.T. -0.00 min

Lab File: BG017983.D

Acq: 20 Jul 2015 11:43

Instrument :

BNA_G

ClientSampleId :

BRIDGE14-7(0-2)

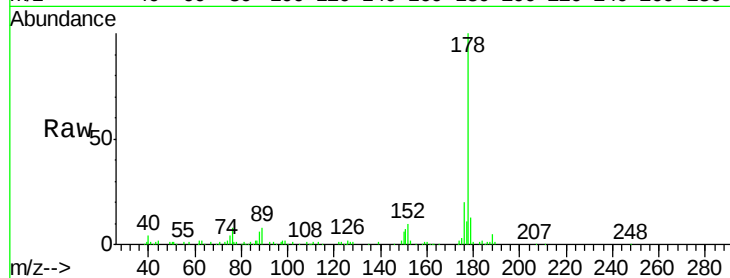
Tgt Ion:178 Resp: 64170

Ion Ratio Lower Upper

178 100

176 19.9 16.5 24.7

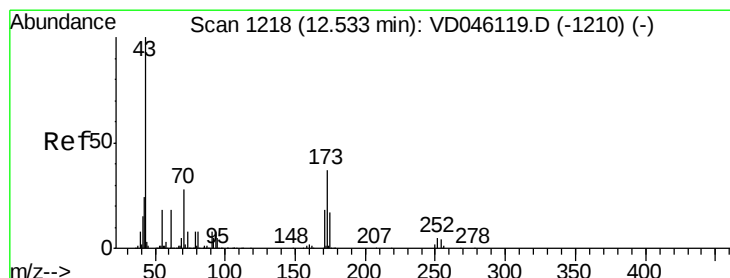
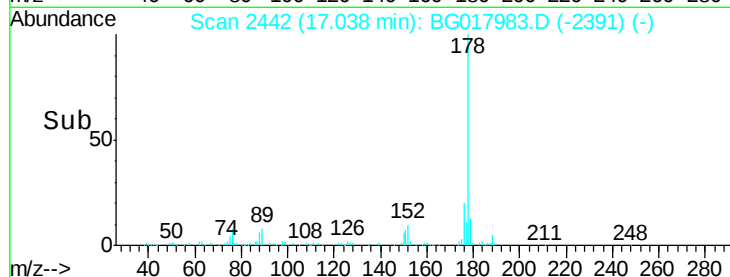
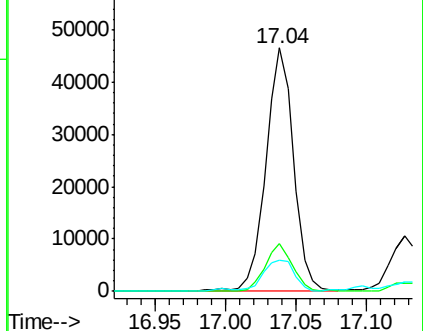
179 12.7 13.5 20.3#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 2.58 ng

RT: 19.07 min Scan# 2787

Delta R.T. 0.00 min

Lab File: BG017983.D

Acq: 20 Jul 2015 11:43

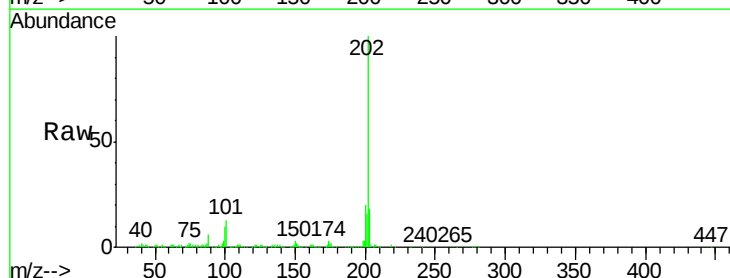
Tgt Ion:202 Resp: 105922

Ion Ratio Lower Upper

202 100

101 12.5 0.0 33.3

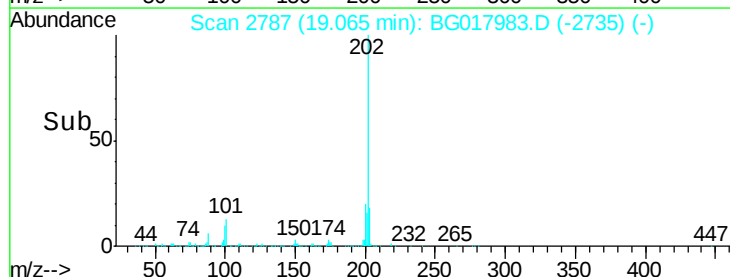
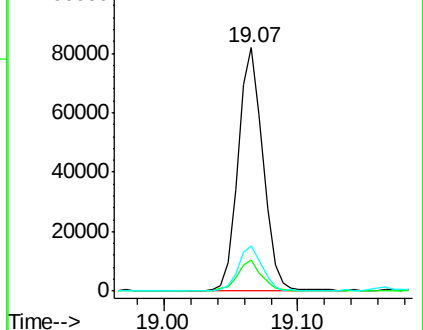
203 18.5 0.0 39.5

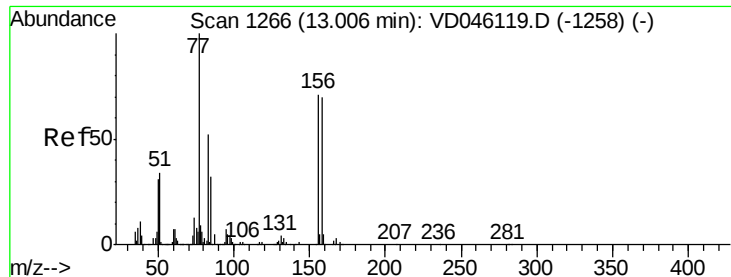


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

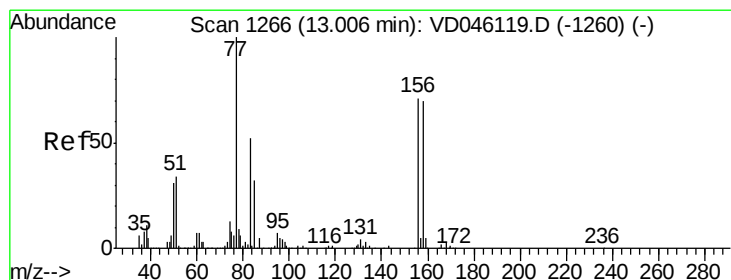
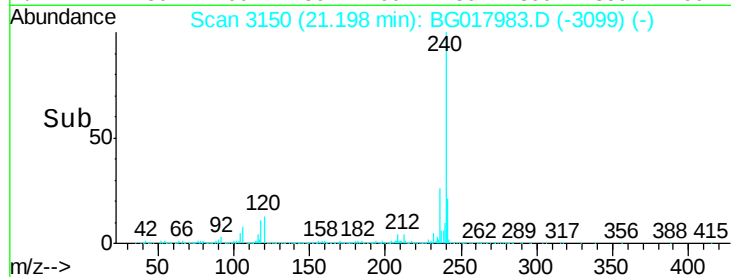
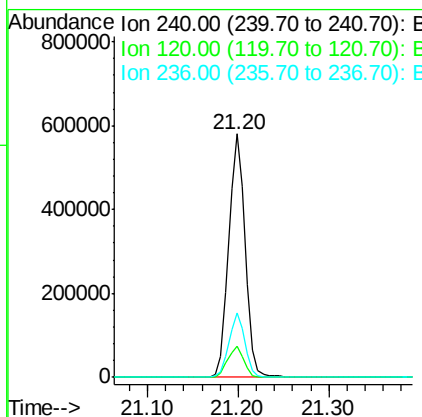
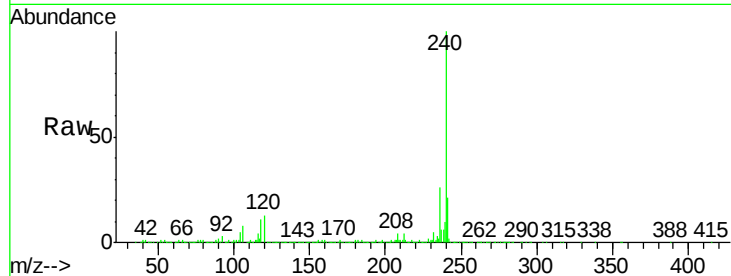




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.20 min Scan# 3150
 Delta R.T. -0.00 min
 Lab File: BG017983.D
 Acq: 20 Jul 2015 11:43

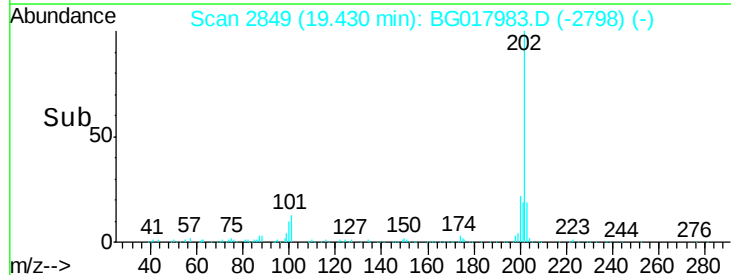
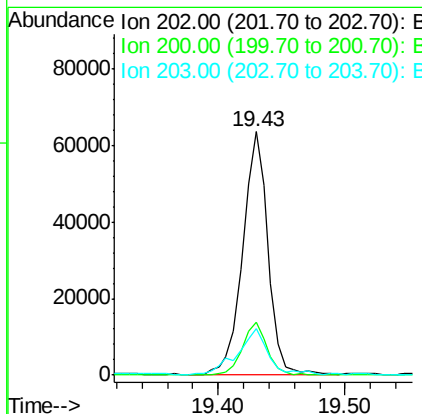
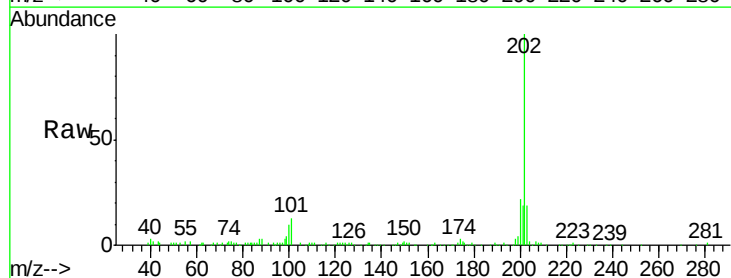
Instrument :
 BNA_G
 ClientSampleId :
 BRIDGE14-7(0-2)

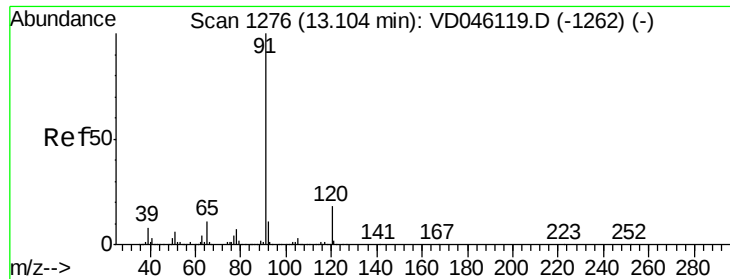
Tgt Ion:240 Resp: 731961
 Ion Ratio Lower Upper
 240 100
 120 12.8 10.8 16.2
 236 26.3 20.0 30.0



#77
 Pyrene
 Concen: 2.12 ng
 RT: 19.43 min Scan# 2849
 Delta R.T. -0.00 min
 Lab File: BG017983.D
 Acq: 20 Jul 2015 11:43

Tgt Ion:202 Resp: 86448
 Ion Ratio Lower Upper
 202 100
 200 21.8 18.8 28.2
 203 19.2 15.9 23.9





#78

Terphenyl-d14

Concen: 2.12 ng

RT: 19.64 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG017983.D

Acq: 20 Jul 2015 11:43

Instrument :

BNA_G

ClientSampleId :

BRIDGE14-7(0-2)

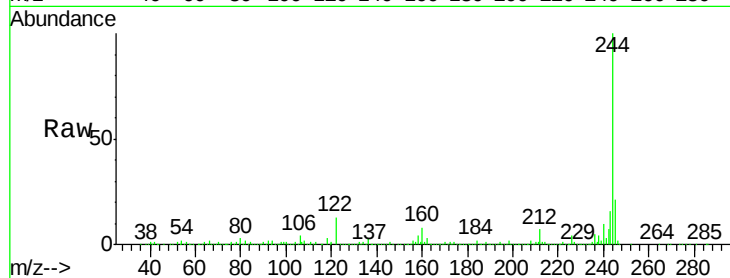
Tgt Ion:244 Resp: 771775

Ion Ratio Lower Upper

244 100

212 7.3 7.2 10.8

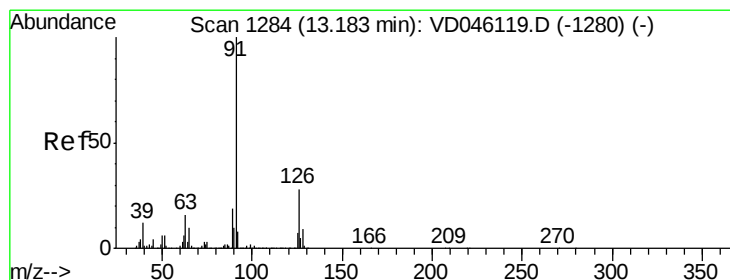
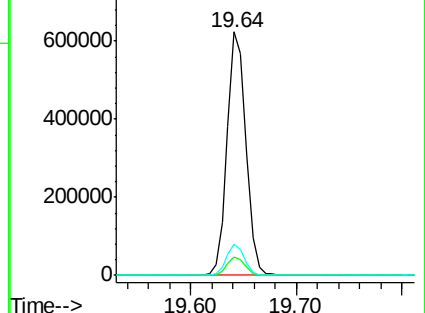
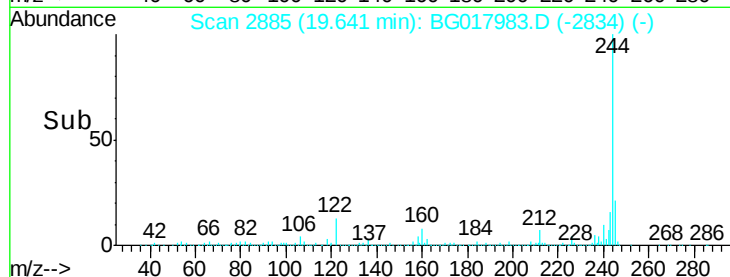
122 12.8 12.8 19.2



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



#79

Butylbenzylphthalate

Concen: 6.43 ng

RT: 20.35 min Scan# 3005

Delta R.T. -0.00 min

Lab File: BG017983.D

Acq: 20 Jul 2015 11:43

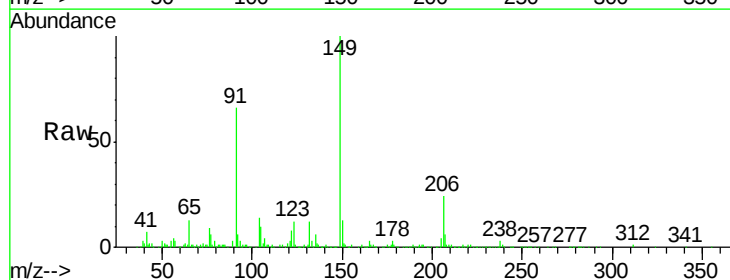
Tgt Ion:149 Resp: 117528

Ion Ratio Lower Upper

149 100

91 66.5 59.5 89.3

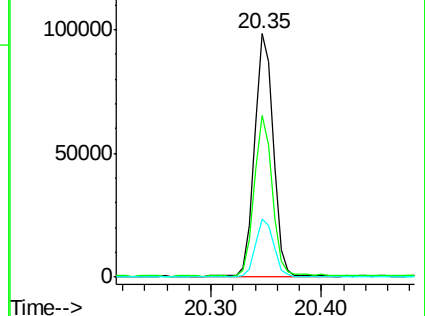
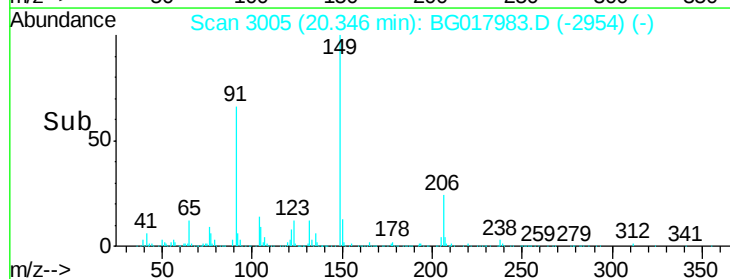
206 23.7 18.5 27.7

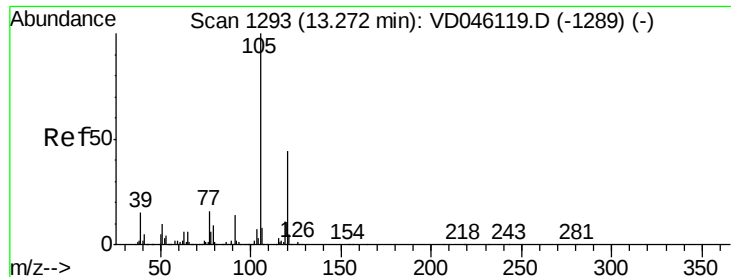


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

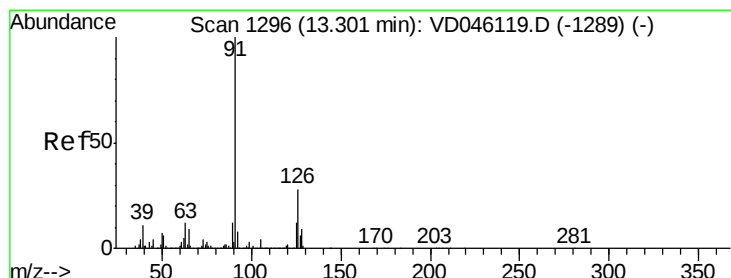
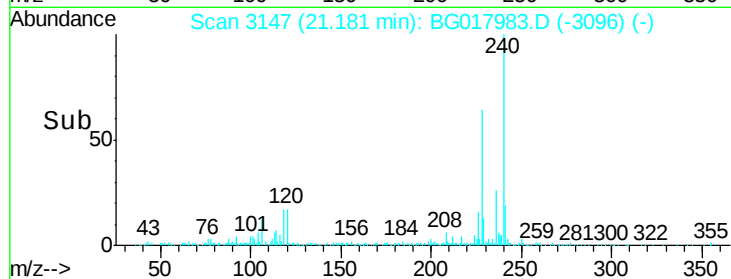
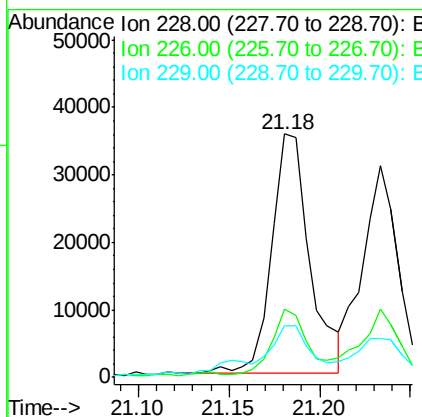
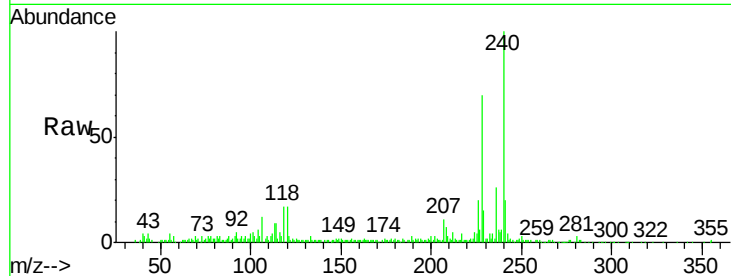




#80
Benzo(a)anthracene
Concen: 1.35 ng
RT: 21.18 min Scan# 3147
Delta R.T. -0.00 min
Lab File: BG017983.D
Acq: 20 Jul 2015 11:43

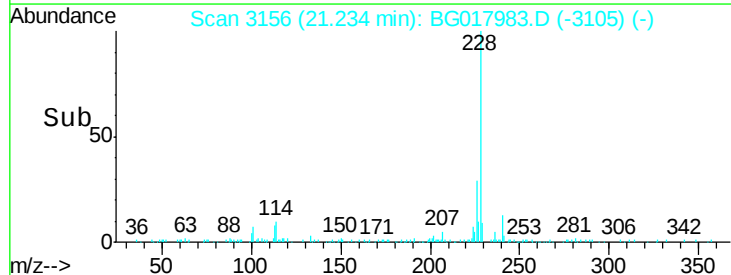
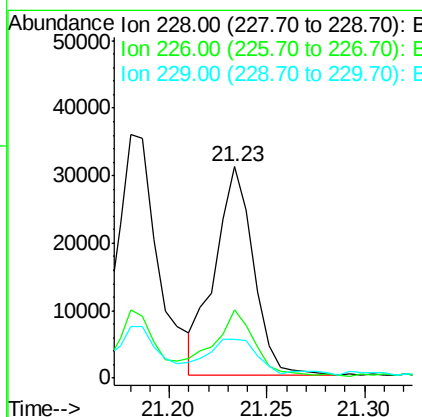
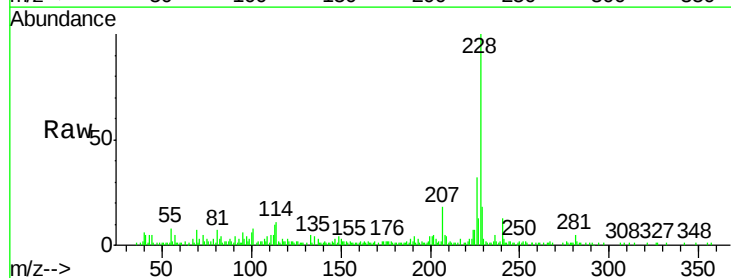
Instrument :
BNA_G
ClientSampleId :
BRIDGE14-7(0-2)

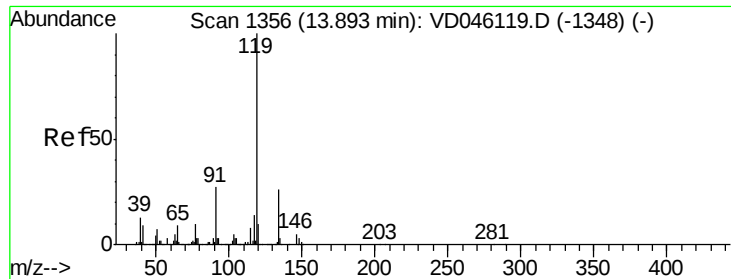
Tgt Ion:228 Resp: 52235
Ion Ratio Lower Upper
228 100
226 27.9 23.1 34.7
229 21.0 17.4 26.0



#82
Chrysene
Concen: 1.15 ng
RT: 21.23 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG017983.D
Acq: 20 Jul 2015 11:43

Tgt Ion:228 Resp: 42270
Ion Ratio Lower Upper
228 100
226 32.4 26.1 39.1
229 18.3 17.7 26.5

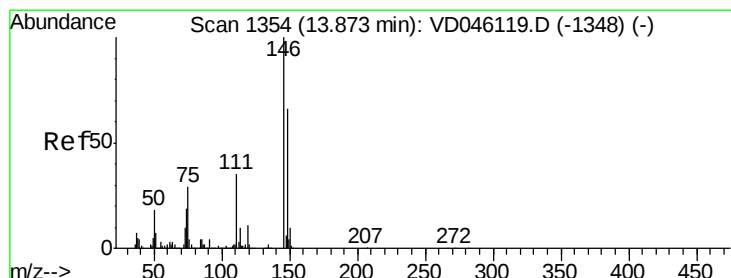
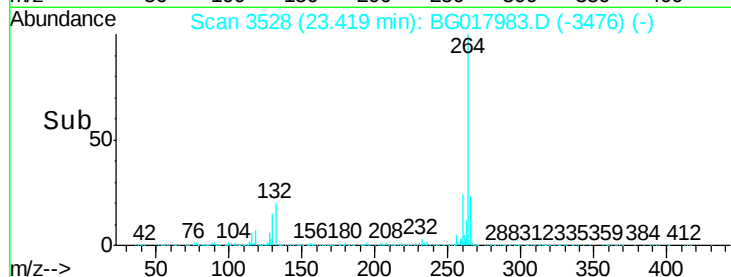
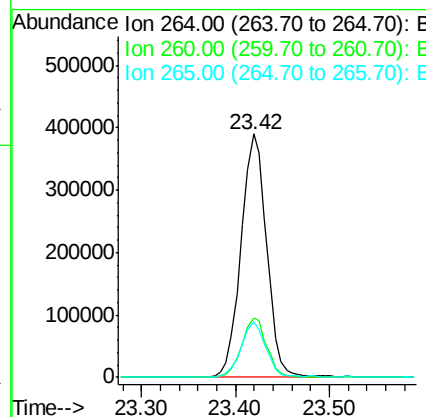
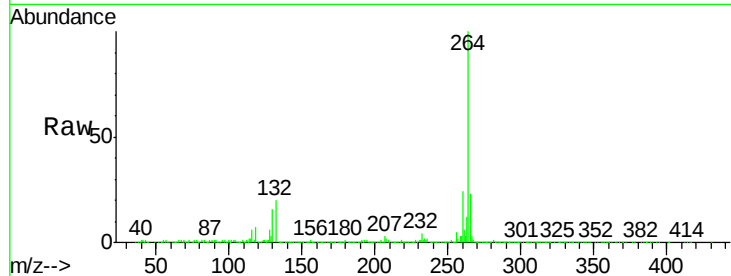




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.42 min Scan# 3528
Delta R.T. 0.00 min
Lab File: BG017983.D
Acq: 20 Jul 2015 11:43

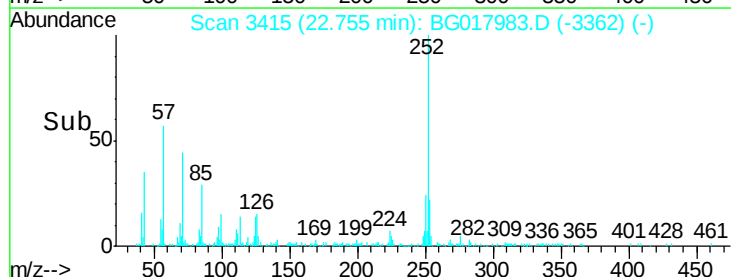
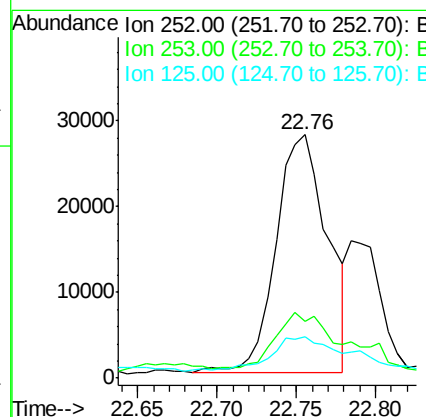
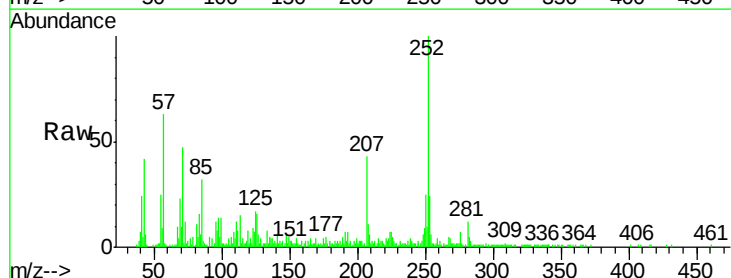
Instrument :
BNA_G
ClientSampleId :
BRIDGE14-7(0-2)

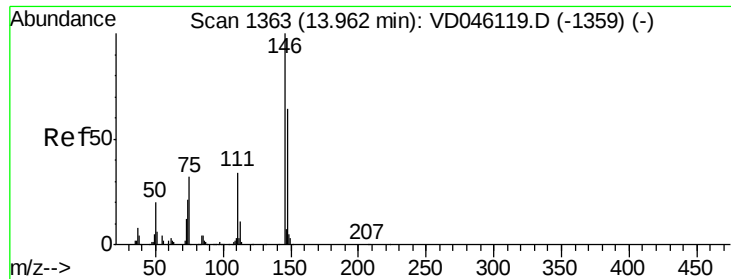
Tgt Ion:264 Resp: 735567
Ion Ratio Lower Upper
264 100
260 24.1 18.6 27.8
265 22.7 18.2 27.2



#87
Benzo(b)fluoranthene
Concen: 1.56 ng
RT: 22.76 min Scan# 3415
Delta R.T. 0.01 min
Lab File: BG017983.D
Acq: 20 Jul 2015 11:43

Tgt Ion:252 Resp: 62872
Ion Ratio Lower Upper
252 100
253 23.5 19.7 29.5
125 17.2 10.6 15.8#

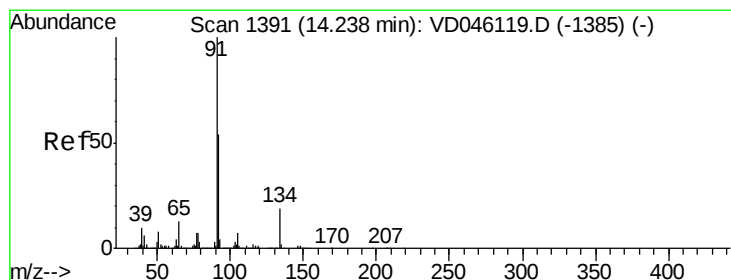
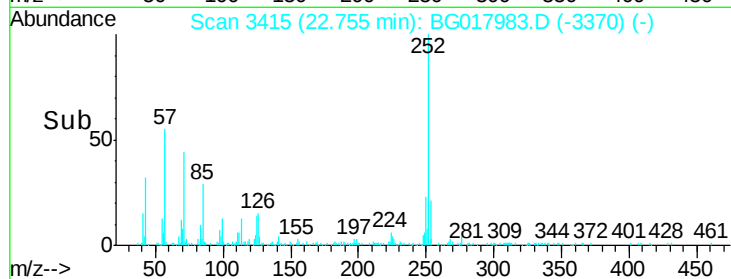
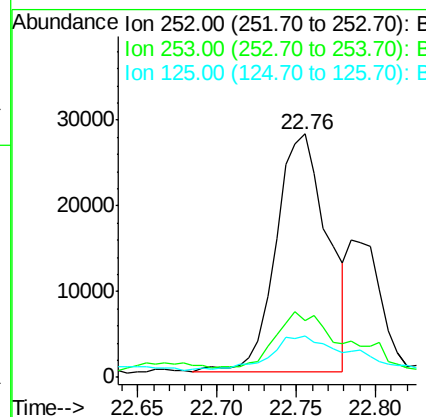
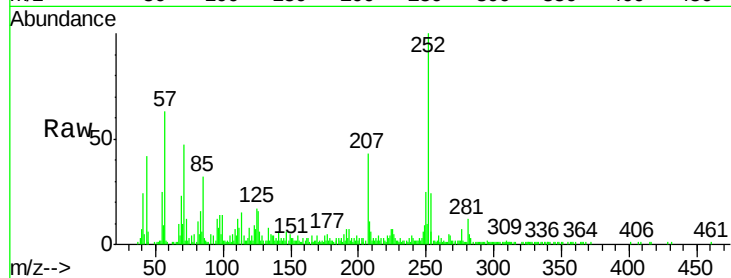




#88
Benzo(k)fluoranthene
Concen: 1.56 ng
RT: 22.76 min Scan# 3415
Delta R.T. -0.04 min
Lab File: BG017983.D
Acq: 20 Jul 2015 11:43

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-7(0-2)

Tgt Ion:252 Resp: 62872
Ion Ratio Lower Upper
252 100
253 23.5 19.0 28.6
125 17.2 10.3 15.5#



#89
Benzo(a)pyrene
Concen: 1.19 ng
RT: 23.32 min Scan# 3511
Delta R.T. 0.00 min
Lab File: BG017983.D
Acq: 20 Jul 2015 11:43

Tgt Ion:252 Resp: 44458
Ion Ratio Lower Upper
252 100
253 20.8 19.0 28.6
125 12.8 11.1 16.7

