

Data Path : S:\HPCHEM1\BNA_G\DATA\BG072015\
 Data File : BG017987.D
 Acq On : 20 Jul 2015 14:05
 Operator : TP/UM
 Sample : G2976-09 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BRIDGE14-9(0-2)

Quant Time: Jul 20 18:18:23 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

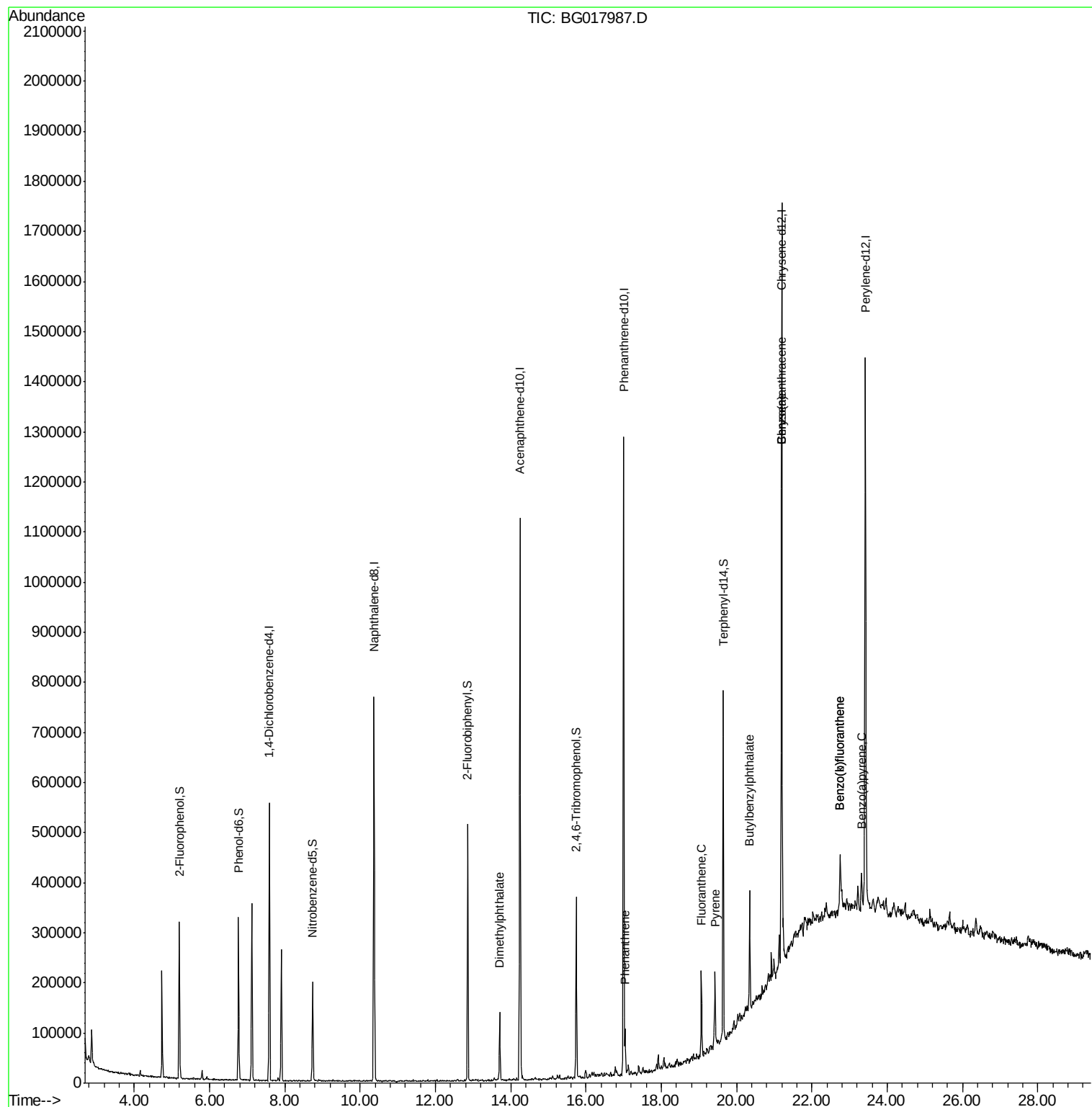
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	151392	20.00	ng	0.00
21) Naphthalene-d8	10.37	136	651817	20.00	ng	0.00
38) Acenaphthene-d10	14.24	164	385511	20.00	ng	0.00
63) Phenanthrene-d10	17.00	188	733813	20.00	ng	0.00
75) Chrysene-d12	21.20	240	732166	20.00	ng	0.00
86) Perylene-d12	23.42	264	760495	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	145580	16.77	ng	0.00
7) Phenol-d6	6.77	99	194582	17.11	ng	0.00
23) Nitrobenzene-d5	8.74	82	111355	11.06	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	61484	15.74	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	260592	11.71	ng	0.00
78) Terphenyl-d14	19.64	244	299959	10.32	ng	0.00
Target Compounds						
49) Dimethylphthalate	13.70	163	87752	3.28	ng	Qvalue 96
70) Phenanthrene	17.04	178	55823	1.47	ng	95
74) Fluoranthene	19.06	202	103360	2.49	ng	95
77) Pyrene	19.43	202	89305	2.19	ng	# 92
79) Butylbenzylphthalate	20.35	149	77776	4.25	ng	88
80) Benzo(a)anthracene	21.18	228	44027	1.14	ng	99
82) Chrysene	21.18	228	44027	1.20	ng	95
87) Benzo(b)fluoranthene	22.75	252	69882	1.68	ng	95
88) Benzo(k)fluoranthene	22.75	252	69882	1.68	ng	94
89) Benzo(a)pyrene	23.32	252	47344	1.22	ng	# 93

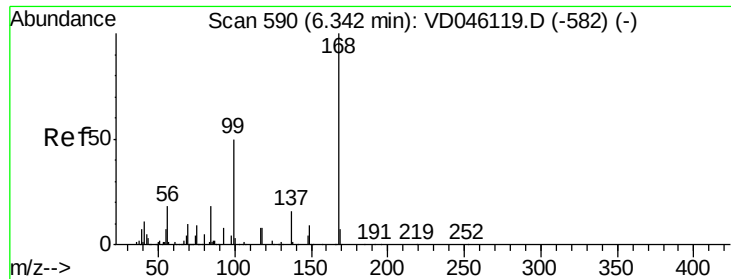
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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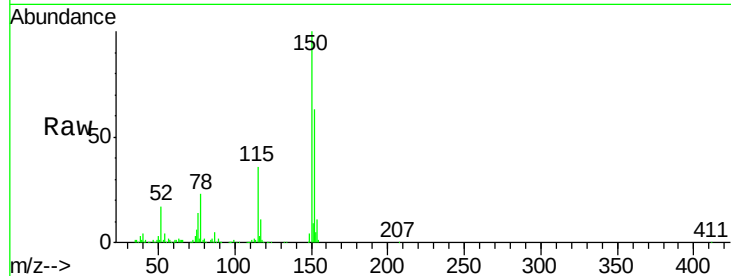


#1

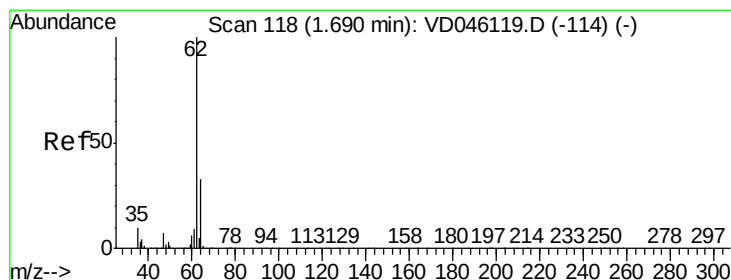
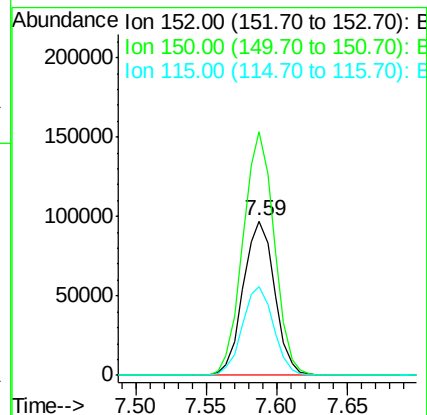
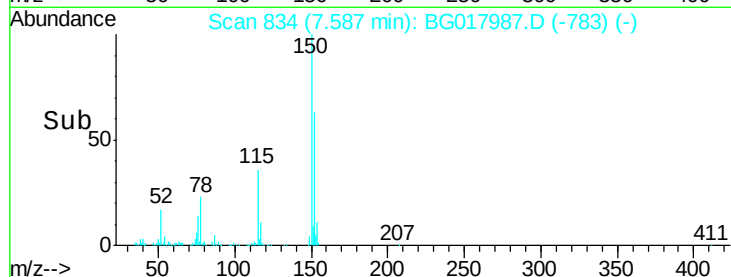
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.59 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG017987.D
Acq: 20 Jul 2015 14:05

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-9(0-2)

Tgt Ion:152 Resp: 151392
Ion Ratio Lower Upper
152 100
150 157.5 119.1 178.7
115 57.2 47.0 70.4



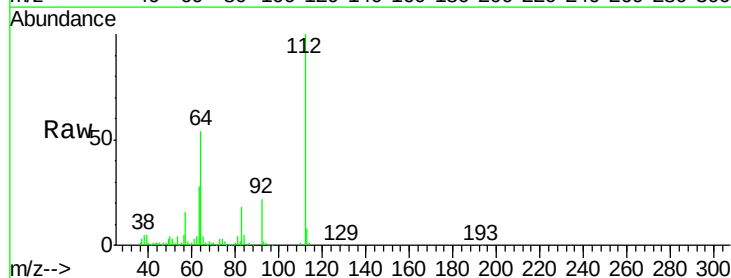
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



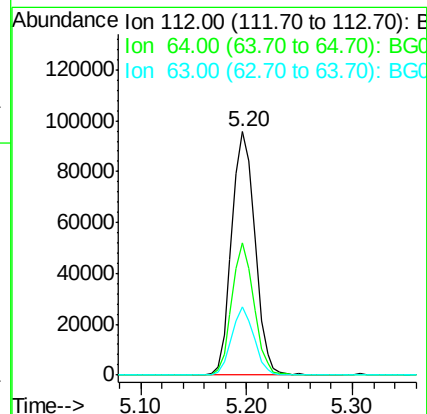
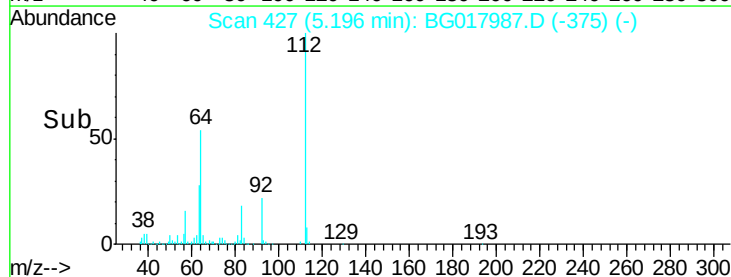
#5

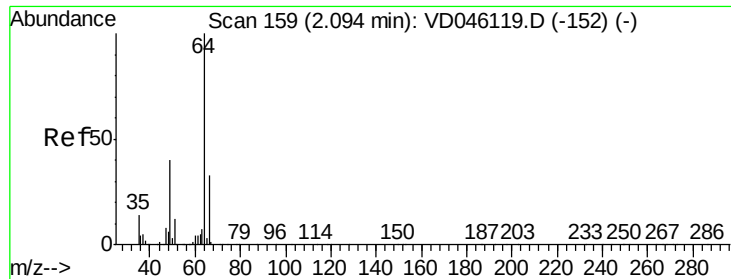
2-Fluorophenol
Concen: Below ng
RT: 5.20 min Scan# 427
Delta R.T. 0.01 min
Lab File: BG017987.D
Acq: 20 Jul 2015 14:05

Tgt Ion:112 Resp: 145580
Ion Ratio Lower Upper
112 100
64 54.4 45.4 68.0
63 28.2 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# 695

Delta R.T. 0.01 min

Lab File: BG017987.D

Acq: 20 Jul 2015 14:05

Instrument :

BNA_G

ClientSampleId :

BRIDGE14-9(0-2)

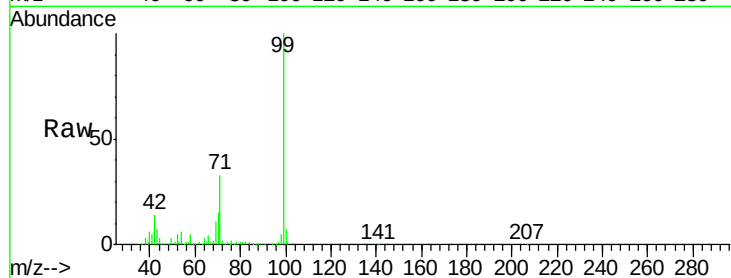
Tgt Ion: 99 Resp: 194582

Ion Ratio Lower Upper

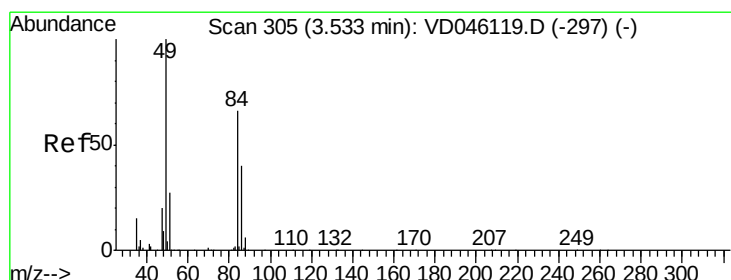
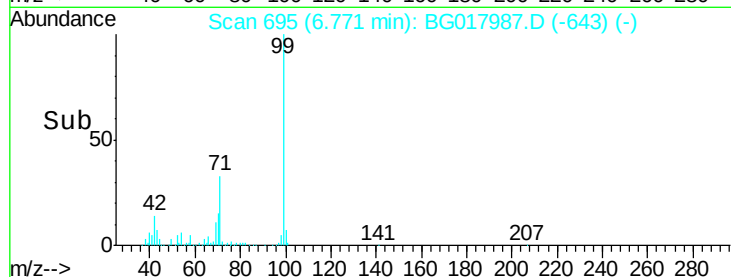
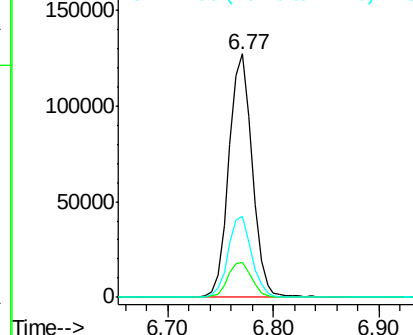
99 100

42 14.2 16.2 24.4#

71 33.4 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: 10.37 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BG017987.D

Acq: 20 Jul 2015 14:05

Tgt Ion: 136 Resp: 651817

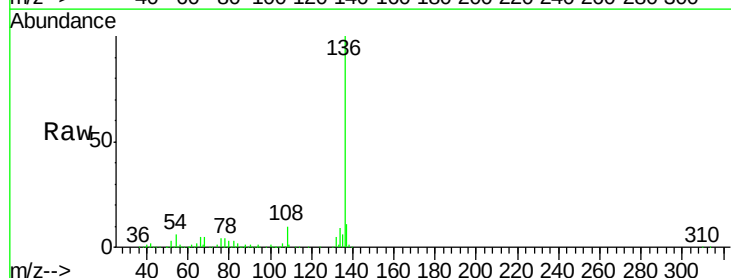
Ion Ratio Lower Upper

136 100

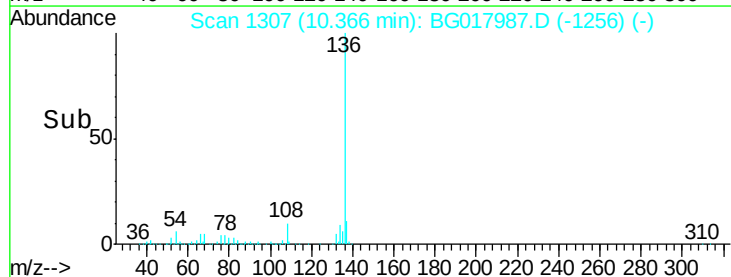
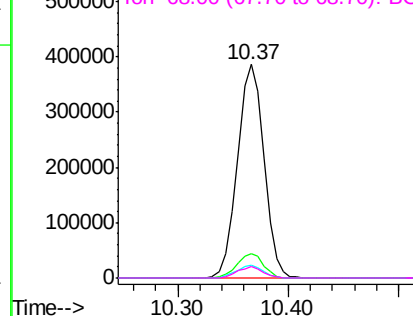
137 11.4 8.8 13.2

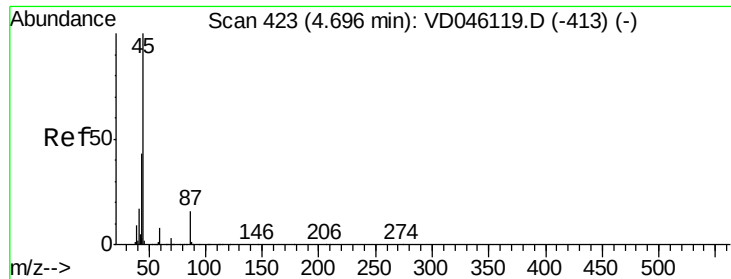
54 6.3 6.6 9.8#

68 5.1 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

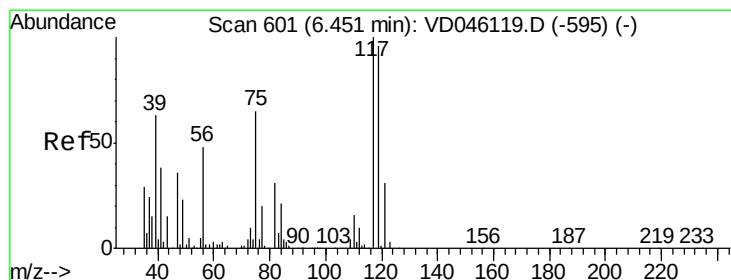
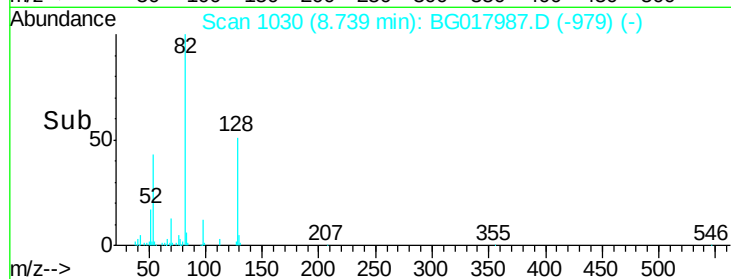
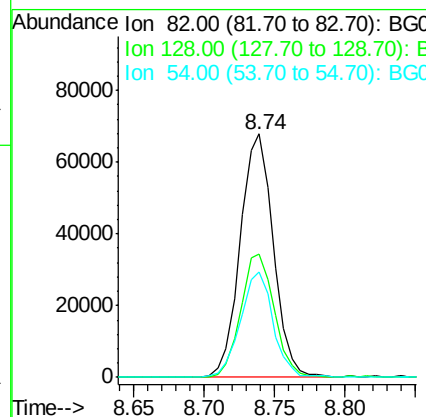
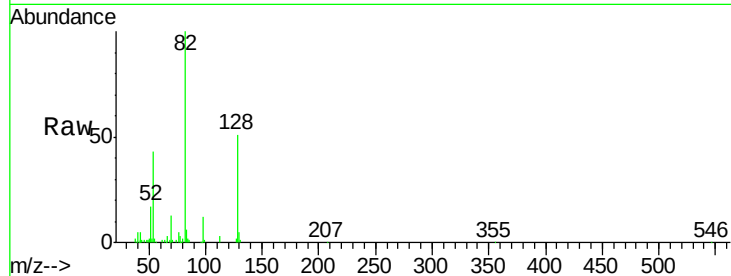




#23
 Nitrobenzene-d5
 Concen: Below ng
 RT: 8.74 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BG017987.D
 Acq: 20 Jul 2015 14:05

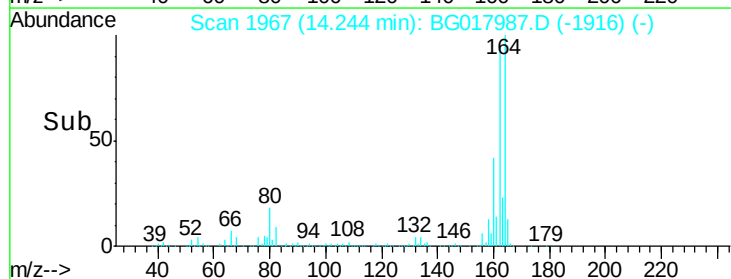
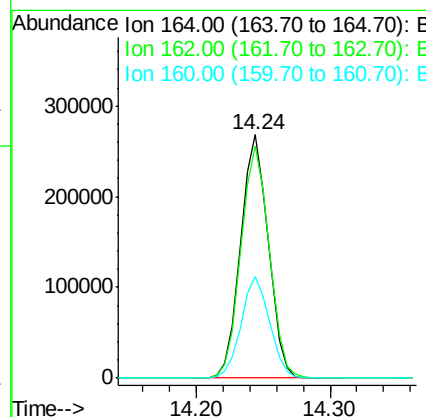
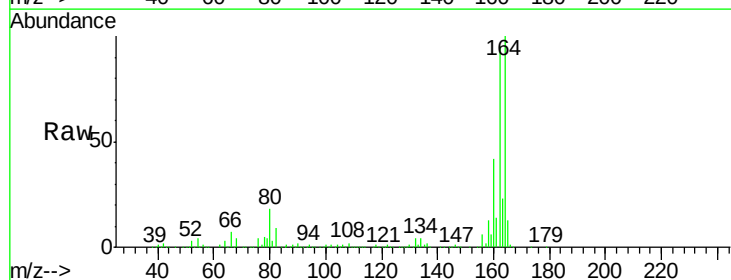
Instrument :
 BNA_G
 ClientSampleId :
 BRIDGE14-9(0-2)

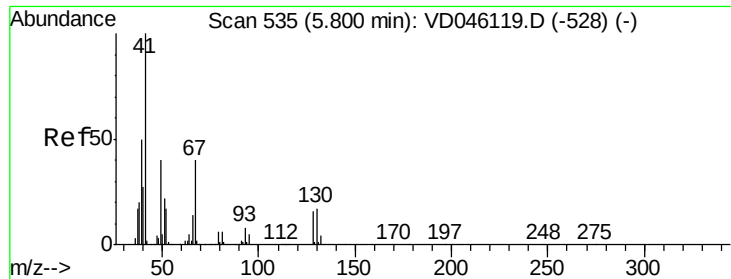
Tgt Ion: 82 Resp: 111355
 Ion Ratio Lower Upper
 82 100
 128 50.7 37.8 56.6
 54 43.3 39.9 59.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.24 min Scan# 1967
 Delta R.T. -0.00 min
 Lab File: BG017987.D
 Acq: 20 Jul 2015 14:05

Tgt Ion: 164 Resp: 385511
 Ion Ratio Lower Upper
 164 100
 162 95.4 76.3 114.5
 160 41.8 33.7 50.5

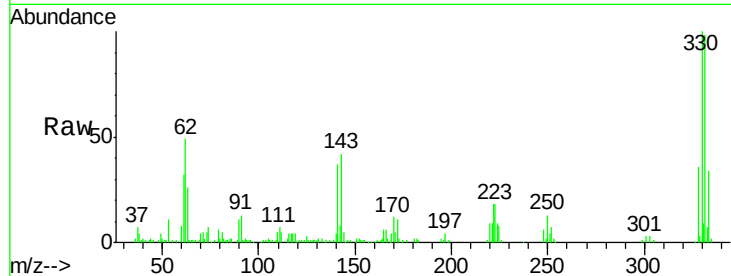




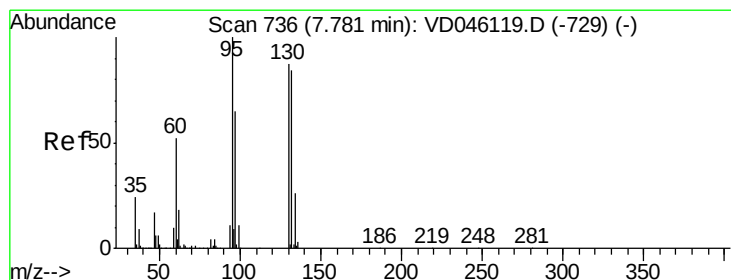
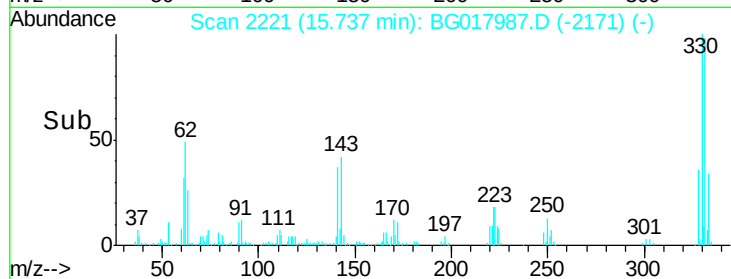
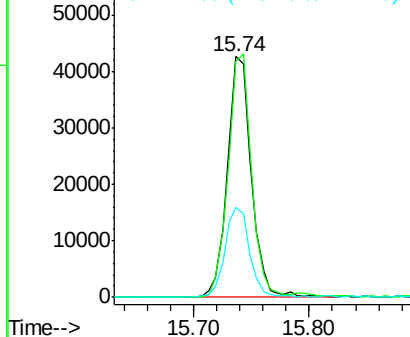
#41
 2,4,6-Tribromophenol
 Concen: Below ng
 RT: 15.74 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BG017987.D
 Acq: 20 Jul 2015 14:05

Instrument :
 BNA_G
 ClientSampleId :
 BRIDGE14-9(0-2)

Tgt Ion:330 Resp: 61484
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.8 115.2
 141 38.4 38.0 57.0

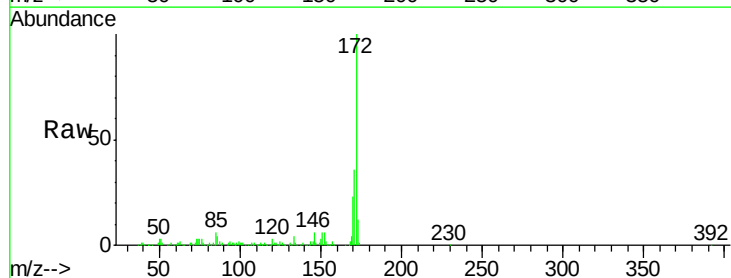


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

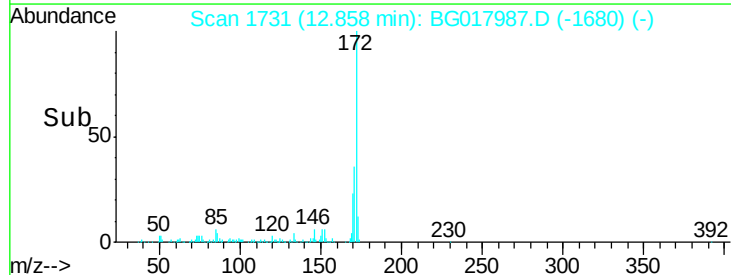
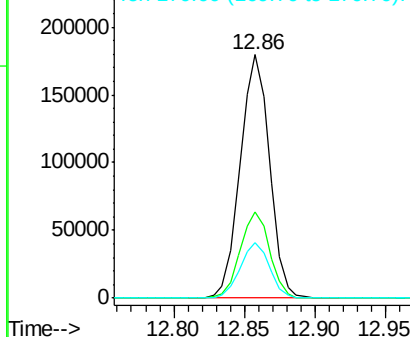


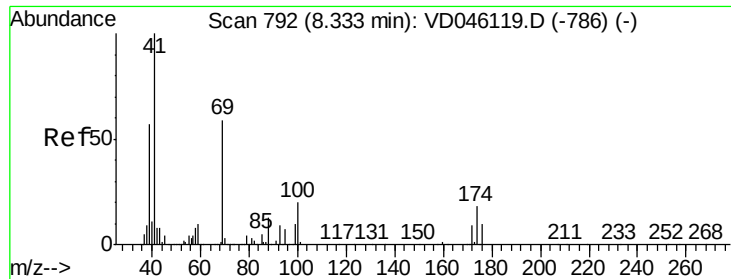
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 12.86 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: BG017987.D
 Acq: 20 Jul 2015 14:05

Tgt Ion:172 Resp: 260592
 Ion Ratio Lower Upper
 172 100
 171 35.6 30.7 46.1
 170 22.9 19.7 29.5



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





#49

Dimethylphthalate

Concen: 3.28 ng

RT: 13.70 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG017987.D

Acq: 20 Jul 2015 14:05

Instrument :

BNA_G

ClientSampleId :

BRIDGE14-9(0-2)

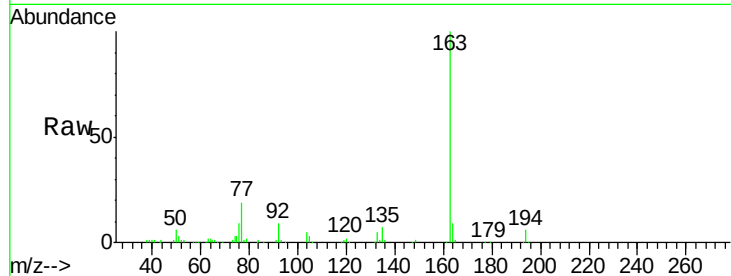
Tgt Ion:163 Resp: 87752

Ion Ratio Lower Upper

163 100

194 6.3 5.8 8.6

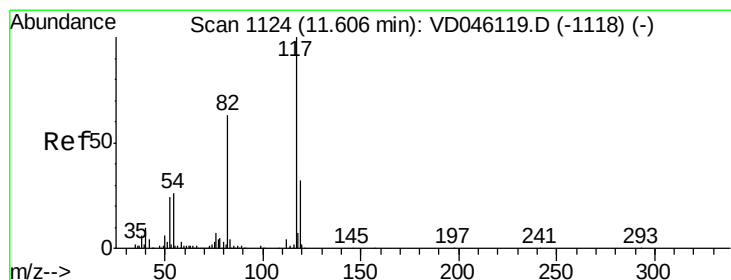
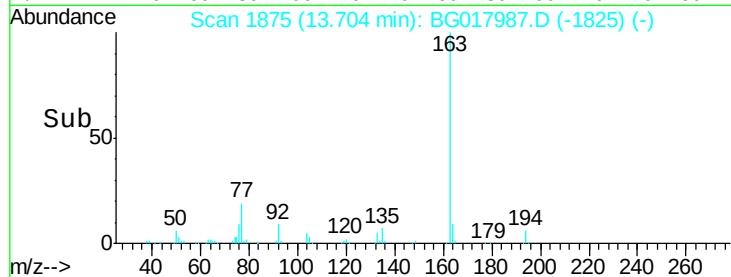
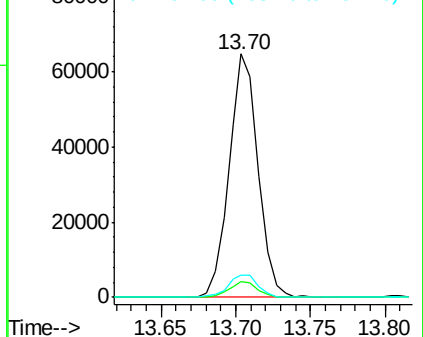
164 8.9 8.3 12.5



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# 2436

Delta R.T. -0.00 min

Lab File: BG017987.D

Acq: 20 Jul 2015 14:05

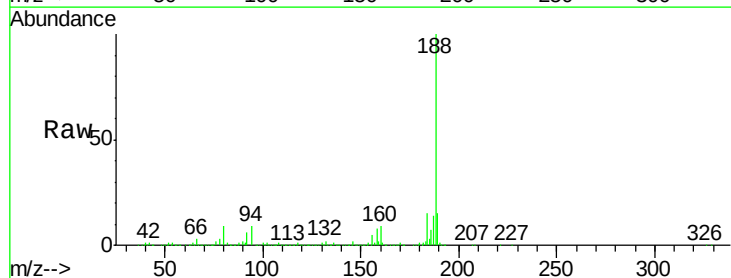
Tgt Ion:188 Resp: 733813

Ion Ratio Lower Upper

188 100

94 8.9 8.2 12.2

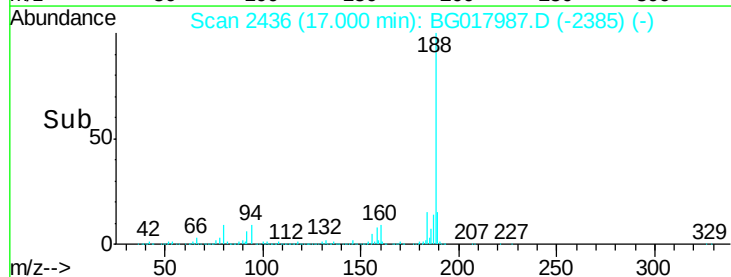
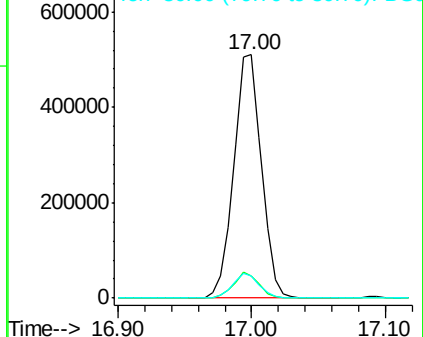
80 9.4 8.2 12.4

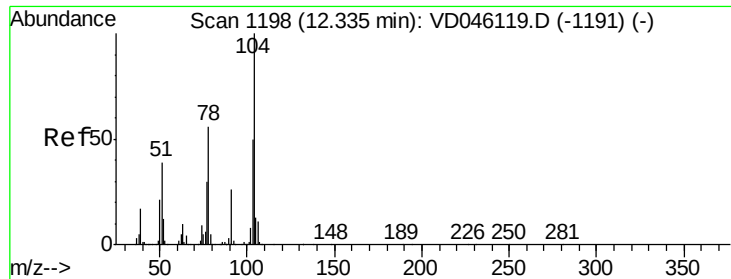


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#70

Phenanthrene

Concen: 1.47 ng

RT: 17.04 min Scan# 2442

Delta R.T. -0.01 min

Lab File: BG017987.D

Acq: 20 Jul 2015 14:05

Instrument :

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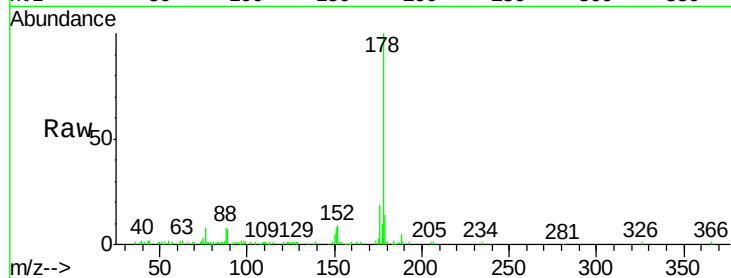
Tgt Ion:178 Resp: 55823

Ion Ratio Lower Upper

178 100

176 19.3 16.5 24.7

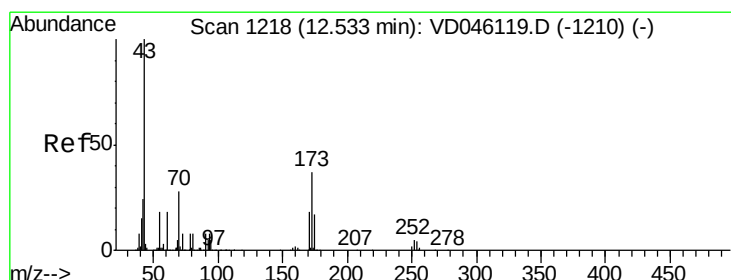
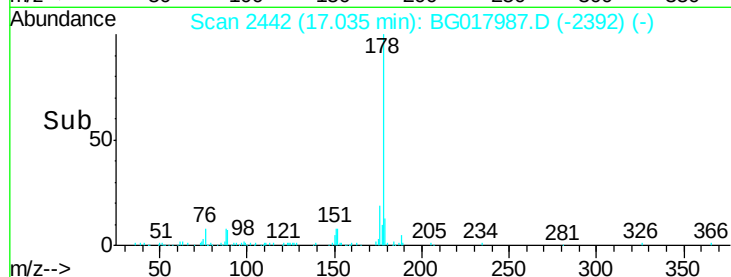
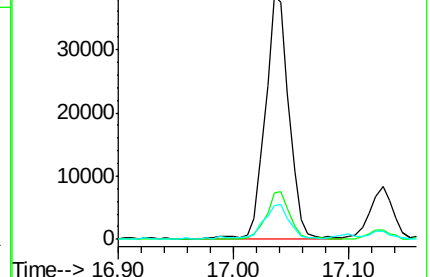
179 13.9 13.5 20.3



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: 2.49 ng

RT: 19.06 min Scan# 2787

Delta R.T. -0.00 min

Lab File: BG017987.D

Acq: 20 Jul 2015 14:05

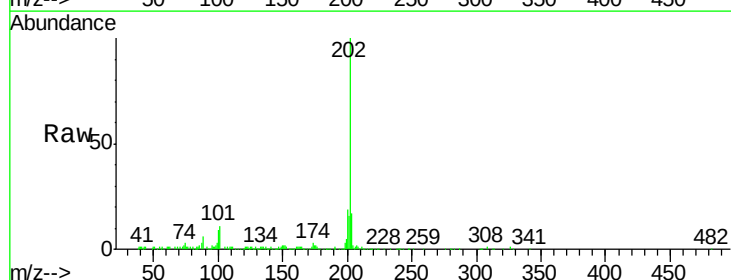
Tgt Ion:202 Resp: 103360

Ion Ratio Lower Upper

202 100

101 11.1 0.0 33.3

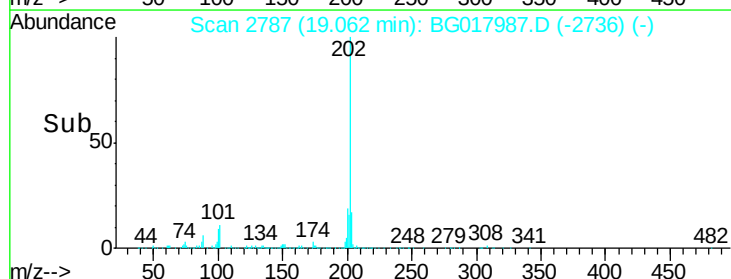
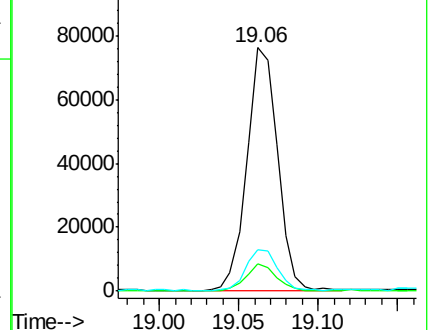
203 17.2 0.0 39.5

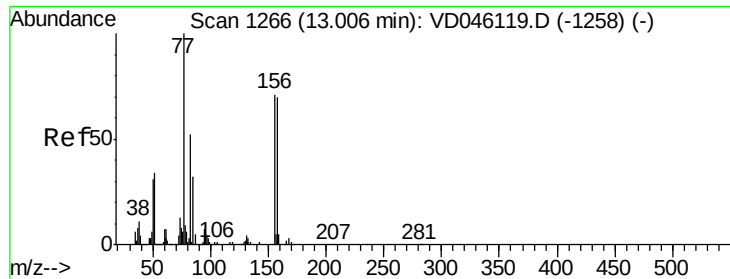


Abundance Ion 202.00 (201.70 to 202.70): E

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# 3151

Delta R.T. -0.00 min

Lab File: BG017987.D

Acq: 20 Jul 2015 14:05

Instrument :

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BRIDGE14-9(0-2)

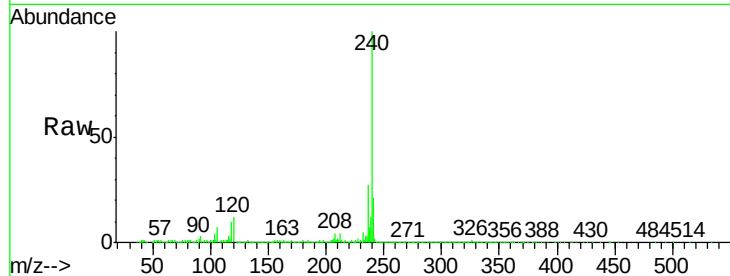
Tgt Ion:240 Resp: 732166

Ion Ratio Lower Upper

240 100

120 12.2 10.8 16.2

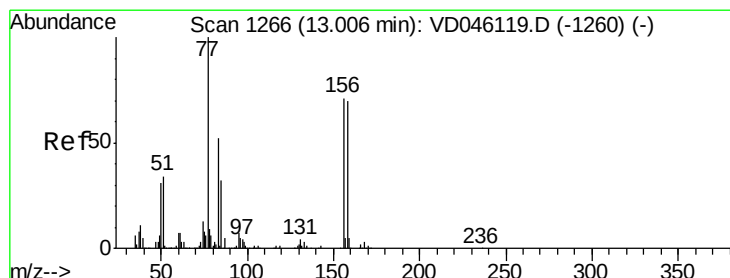
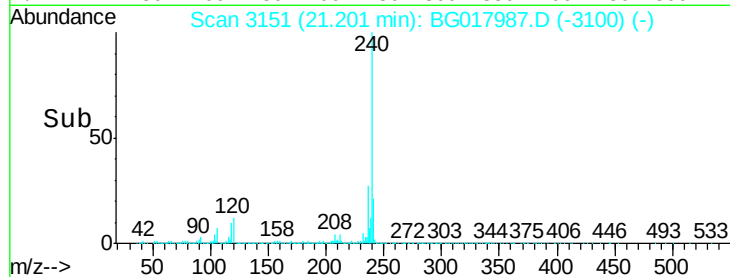
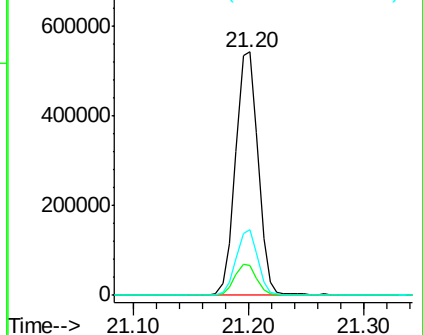
236 27.0 20.0 30.0



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



#77

Pyrene

Concen: 2.19 ng

RT: 19.43 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG017987.D

Acq: 20 Jul 2015 14:05

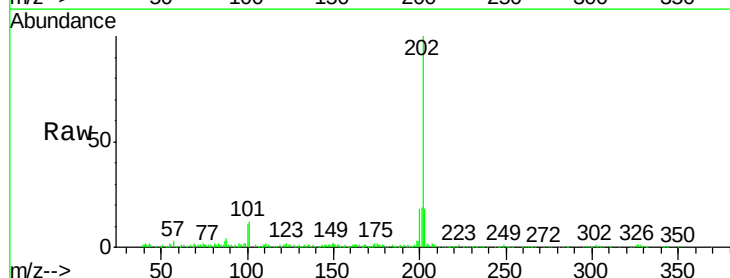
Tgt Ion:202 Resp: 89305

Ion Ratio Lower Upper

202 100

200 17.9 18.8 28.2#

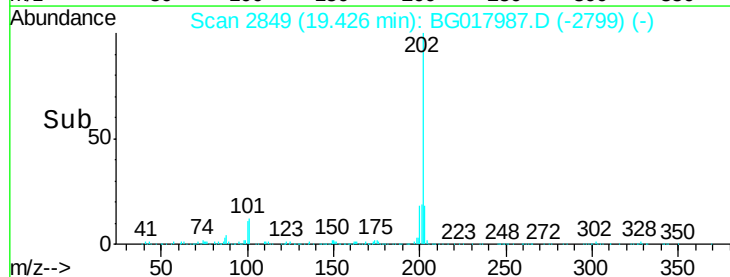
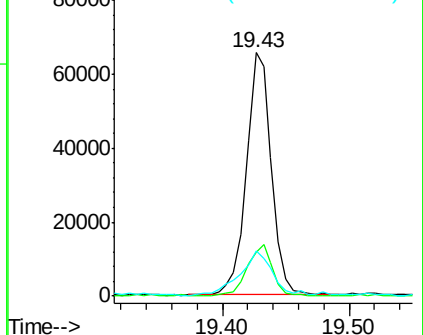
203 18.4 15.9 23.9

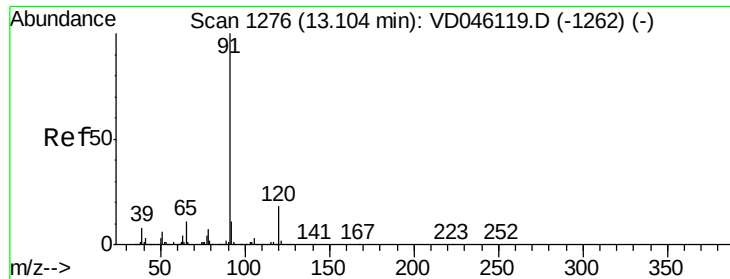


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 2.19 ng

RT: 19.64 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG017987.D

Acq: 20 Jul 2015 14:05

Instrument :

BNA_G

ClientSampleId :

BRIDGE14-9(0-2)

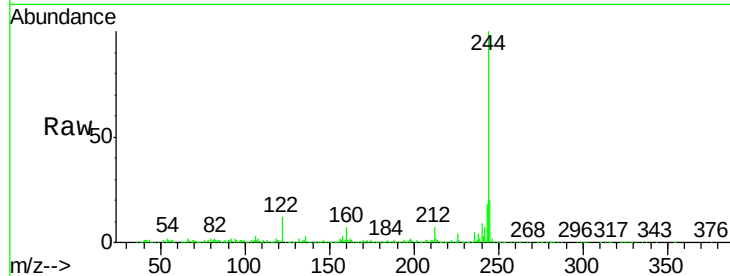
Tgt Ion:244 Resp: 299959

Ion Ratio Lower Upper

244 100

212 7.1 7.2 10.8#

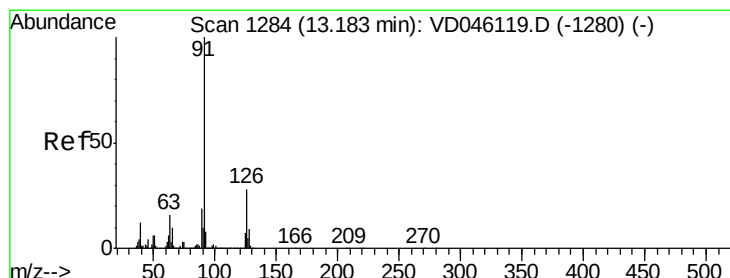
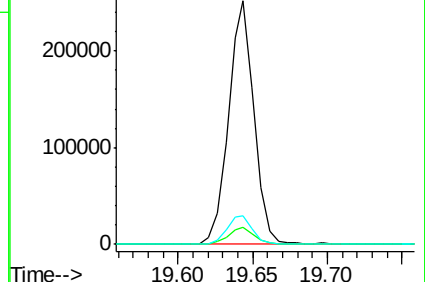
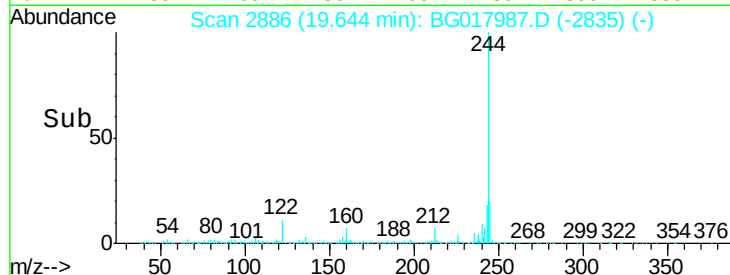
122 11.5 12.8 19.2#



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: 4.25 ng

RT: 20.35 min Scan# 3006

Delta R.T. -0.00 min

Lab File: BG017987.D

Acq: 20 Jul 2015 14:05

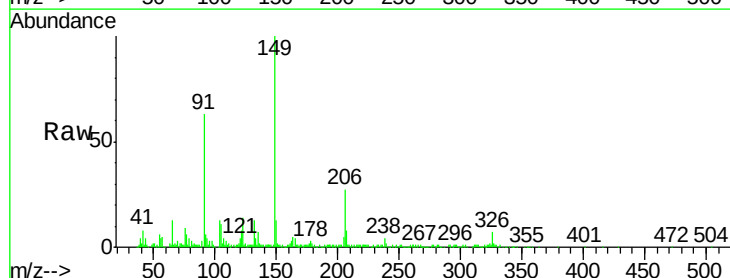
Tgt Ion:149 Resp: 77776

Ion Ratio Lower Upper

149 100

91 63.1 59.5 89.3

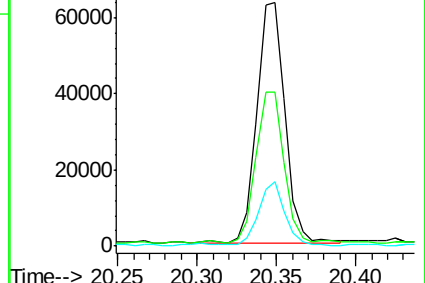
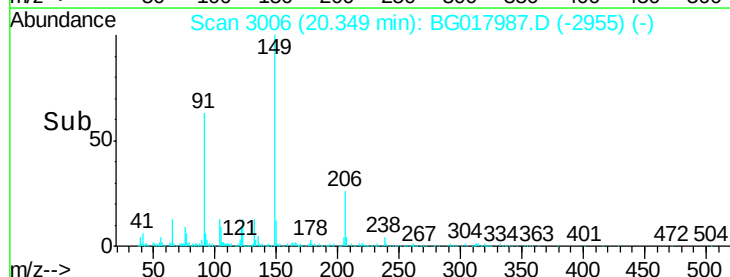
206 26.6 18.5 27.7

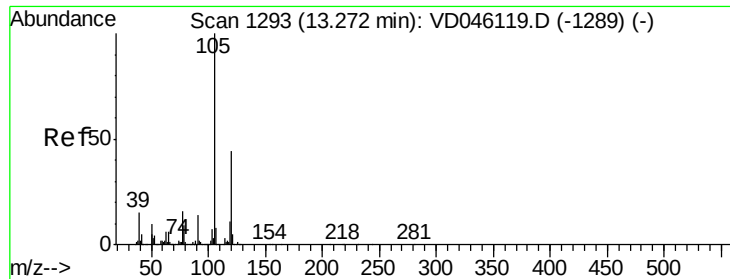


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 1.14 ng

RT: 21.18 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BG017987.D

Acq: 20 Jul 2015 14:05

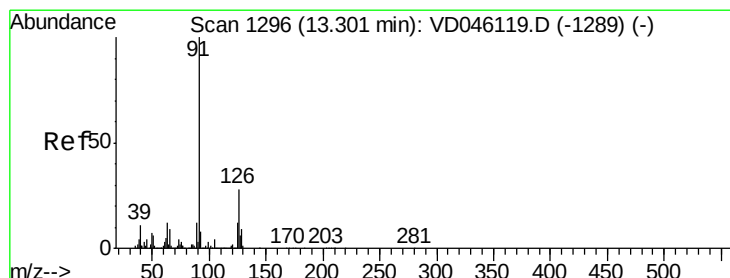
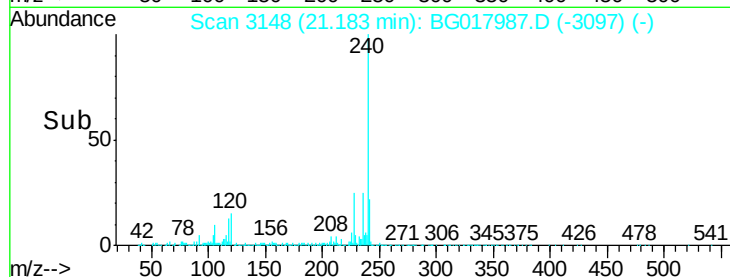
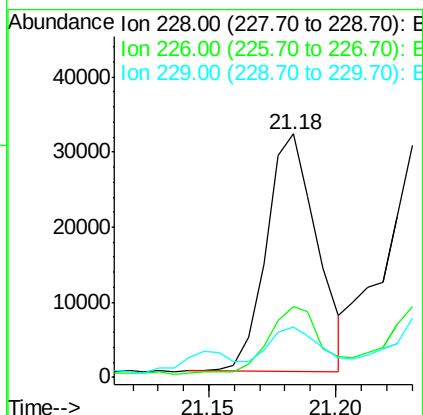
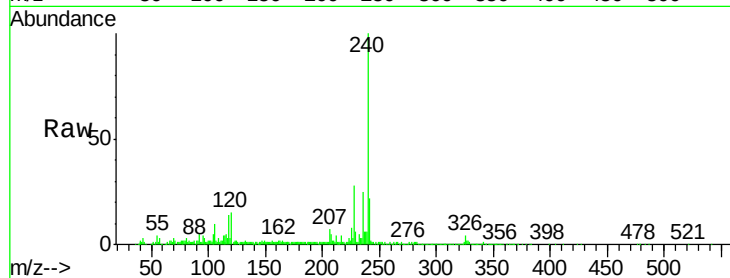
Instrument :

BNA_G

ClientSampleId :

BRIDGE14-9(0-2)

Tgt Ion:	228	Resp:	44027
Ion Ratio	Lower	Upper	
228	100		
226	29.3	23.1	34.7
229	20.8	17.4	26.0



#82

Chrysene

Concen: 1.20 ng

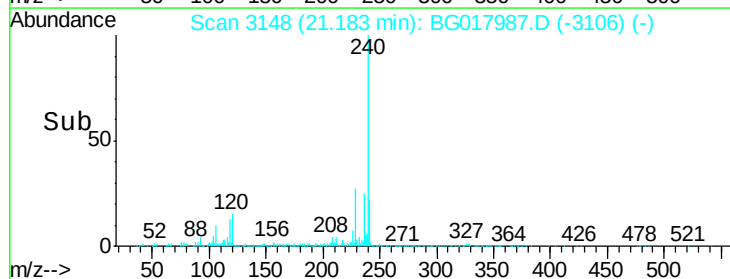
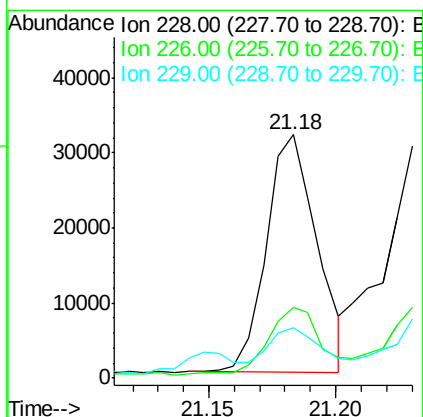
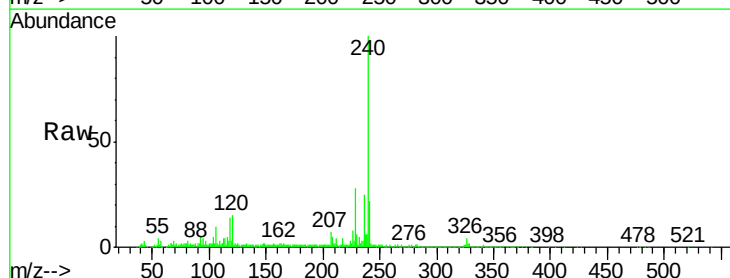
RT: 21.18 min Scan# 3148

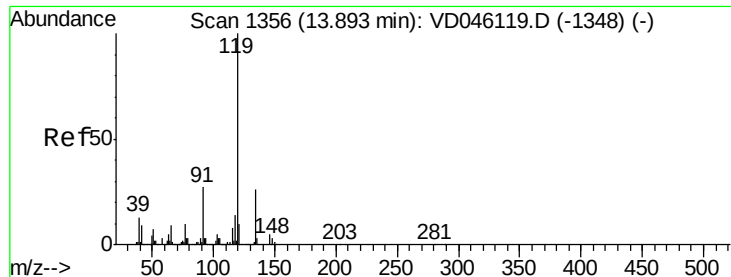
Delta R.T. -0.05 min

Lab File: BG017987.D

Acq: 20 Jul 2015 14:05

Tgt Ion:	228	Resp:	44027
Ion Ratio	Lower	Upper	
228	100		
226	29.3	26.1	39.1
229	20.8	17.7	26.5





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.42 min Scan# 3529

Delta R.T. 0.01 min

Lab File: BG017987.D

Acq: 20 Jul 2015 14:05

Instrument :

BNA_G

ClientSampleId :

BRIDGE14-9(0-2)

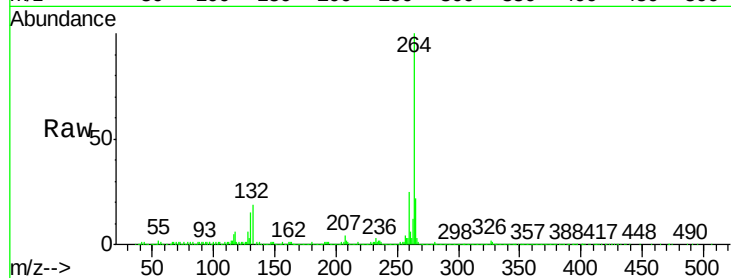
Tgt Ion:264 Resp: 760495

Ion Ratio Lower Upper

264 100

260 24.5 18.6 27.8

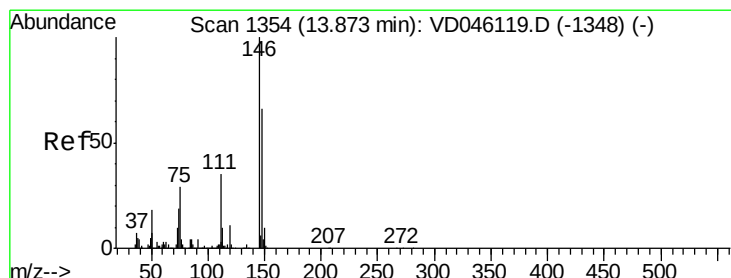
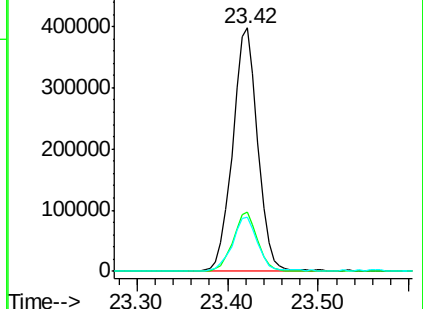
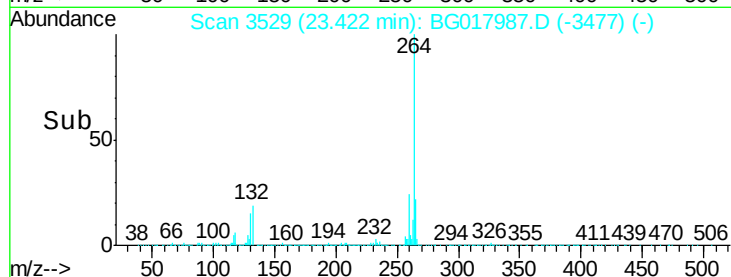
265 22.2 18.2 27.2



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



#87

Benzo(b)fluoranthene

Concen: 1.68 ng

RT: 22.75 min Scan# 3414

Delta R.T. -0.00 min

Lab File: BG017987.D

Acq: 20 Jul 2015 14:05

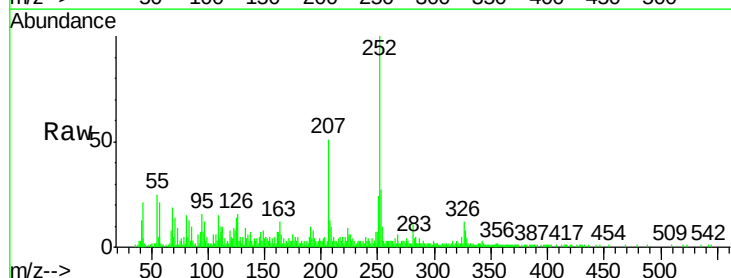
Tgt Ion:252 Resp: 69882

Ion Ratio Lower Upper

252 100

253 27.3 19.7 29.5

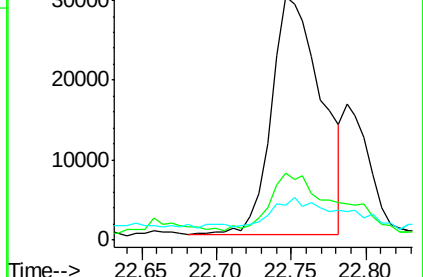
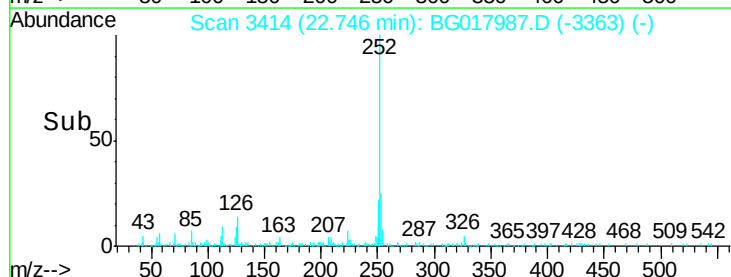
125 14.5 10.6 15.8

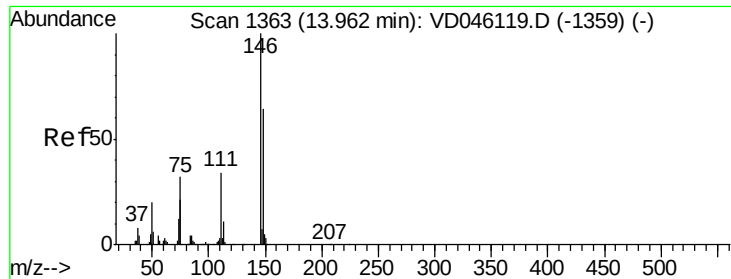


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 1.68 ng

RT: 22.75 min Scan# 3414

Delta R.T. -0.05 min

Lab File: BG017987.D

Acq: 20 Jul 2015 14:05

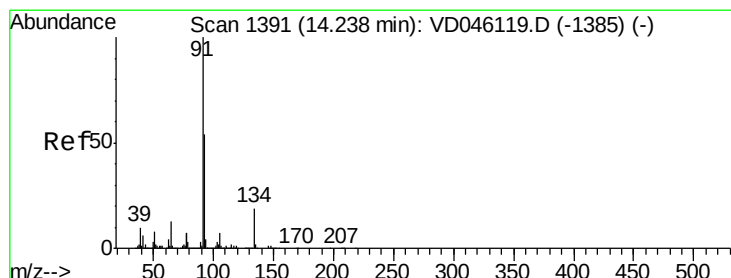
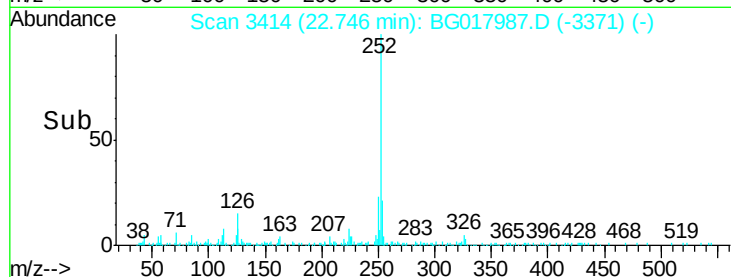
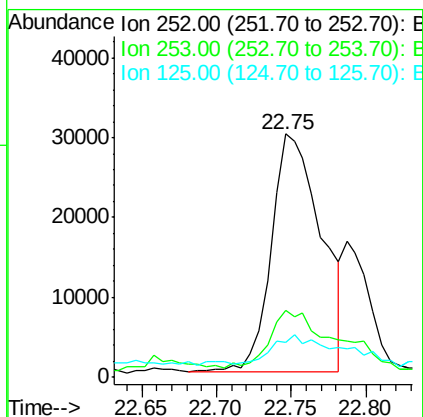
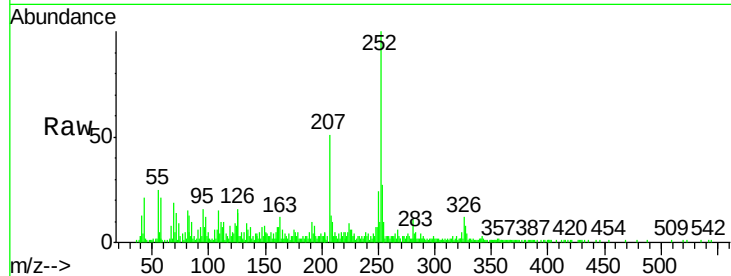
Instrument :

BNA_G

ClientSampleId :

BRIDGE14-9(0-2)

Tgt Ion:	252	Resp:	69882
Ion Ratio	Lower	Upper	
252	100		
253	27.3	19.0	28.6
125	14.5	10.3	15.5



#89

Benzo(a)pyrene

Concen: 1.22 ng

RT: 23.32 min Scan# 3511

Delta R.T. -0.00 min

Lab File: BG017987.D

Acq: 20 Jul 2015 14:05

Tgt Ion:	252	Resp:	47344
Ion Ratio	Lower	Upper	
252	100		
253	26.5	19.0	28.6
125	17.9	11.1	16.7#

