

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072015\
 Data File : BG017984.D
 Acq On : 20 Jul 2015 12:18
 Operator : TP/UM
 Sample : G2976-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BRIDGE14-6(0-2)

Quant Time: Jul 20 17:16:22 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

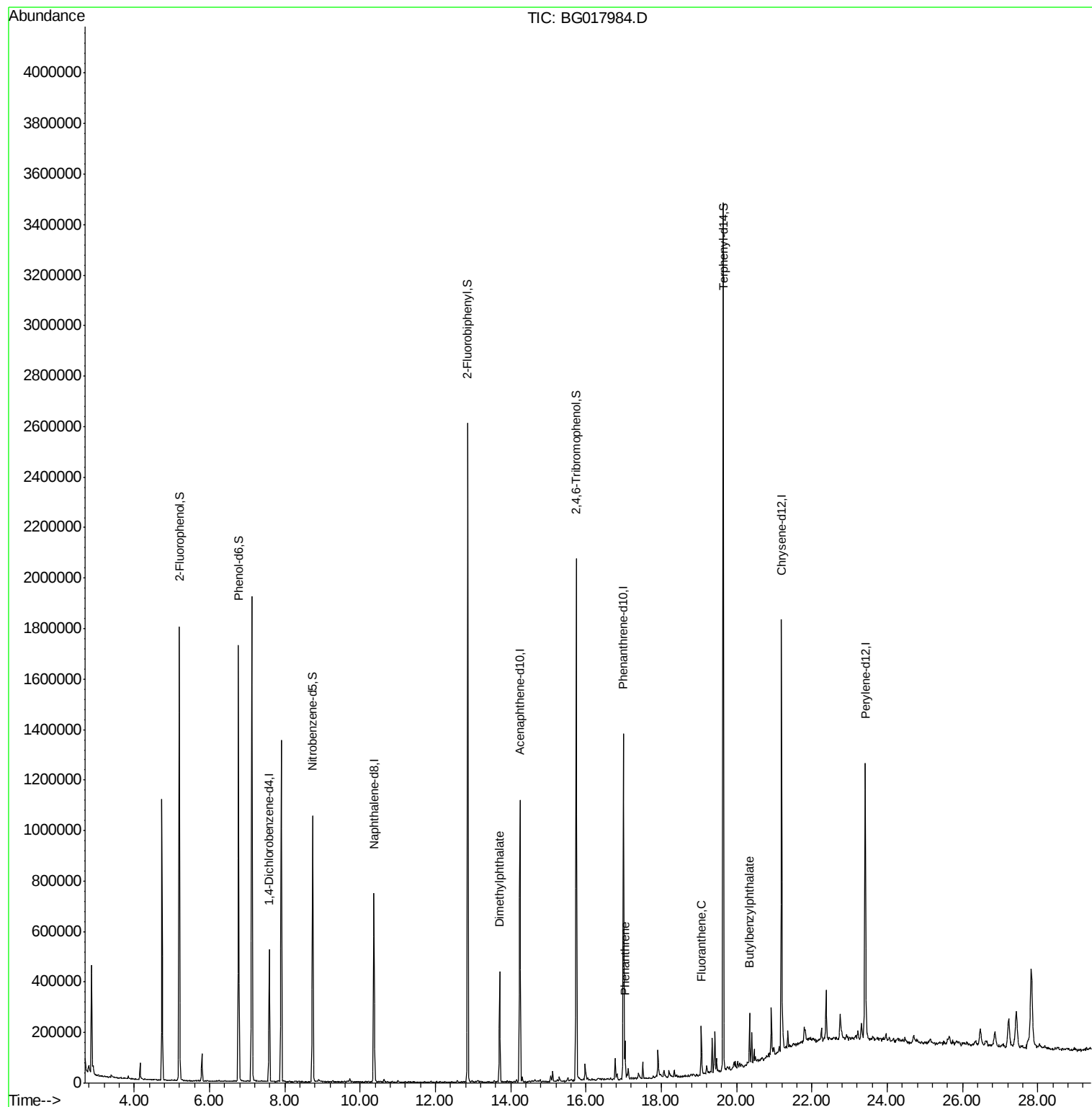
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	146416	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	648004	20.00	ng	0.00
38) Acenaphthene-d10	14.25	164	391034	20.00	ng	0.00
63) Phenanthrene-d10	17.00	188	757733	20.00	ng	0.00
75) Chrysene-d12	21.20	240	752662	20.00	ng	0.00
86) Perylene-d12	23.42	264	756859	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	799934	95.31	ng	0.00
7) Phenol-d6	6.77	99	1022473	92.99	ng	0.00
23) Nitrobenzene-d5	8.74	82	608321	60.80	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	366541	92.52	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	1258846	55.79	ng	0.00
78) Terphenyl-d14	19.64	244	1469657	49.19	ng	0.00
Target Compounds						
32) Benzoic acid	9.71	122	327	Below Cal	#	49
49) Dimethylphthalate	13.70	163	277103	10.20	ng	99
64) 4,6-Dinitro-2-methylphenol	15.43	198	66	Below Cal	#	31
70) Phenanthrene	17.04	178	85735	2.19	ng	98
74) Fluoranthene	19.06	202	104794	2.45	ng	97
79) Butylbenzylphthalate	20.34	149	56214	2.99	ng	93

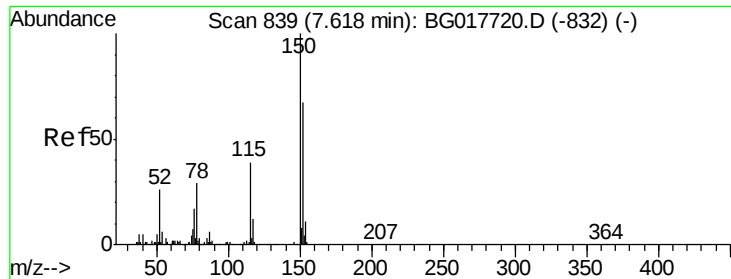
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072015\
Data File : BG017984.D
Acq On : 20 Jul 2015 12:18
Operator : TP/UM
Sample : G2976-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-6(0-2)

Quant Time: Jul 20 17:16:22 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



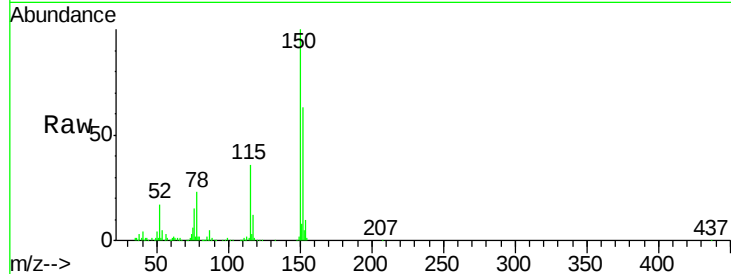


#1

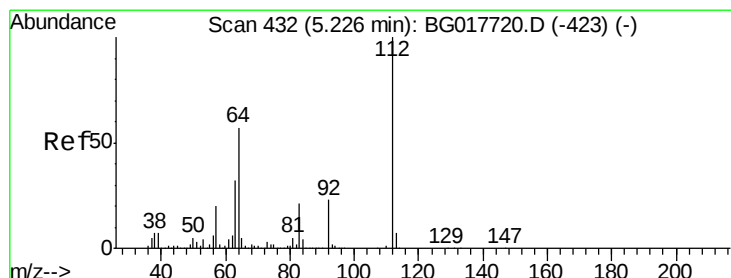
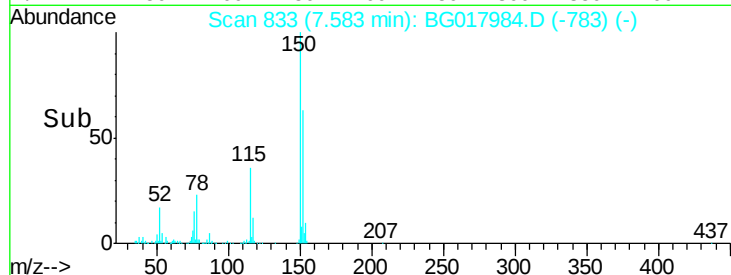
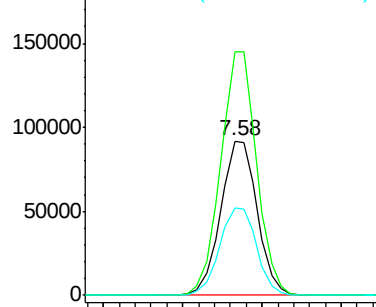
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.58 min Scan# 833
Delta R.T. -0.01 min
Lab File: BG017984.D
Acq: 20 Jul 2015 12:18

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-6(0-2)

Tgt Ion:152 Resp: 146416
Ion Ratio Lower Upper
152 100
150 157.8 119.1 178.7
115 56.5 47.0 70.4



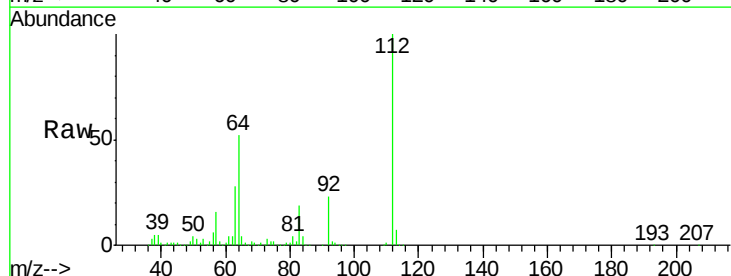
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



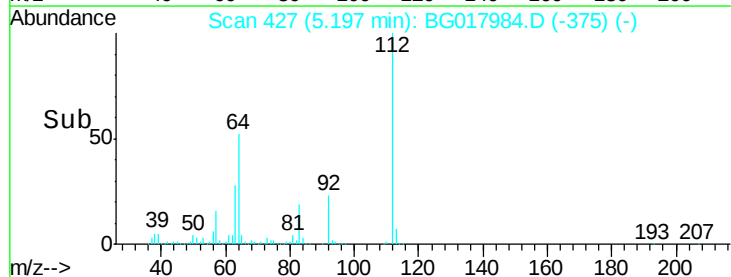
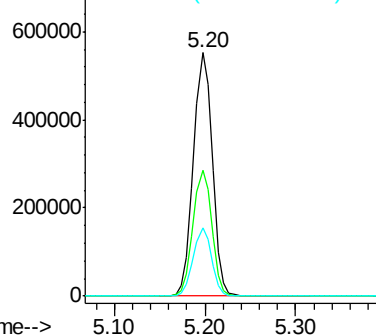
#5

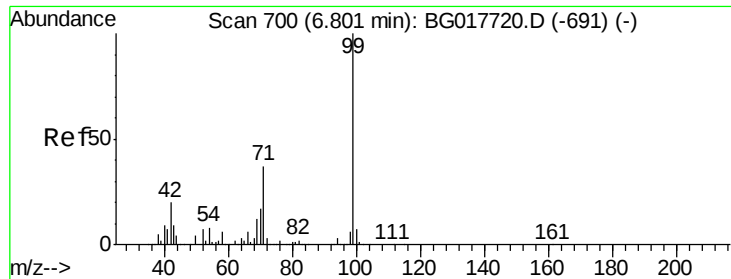
2-Fluorophenol
Concen: 95.31 ng
RT: 5.20 min Scan# 427
Delta R.T. 0.01 min
Lab File: BG017984.D
Acq: 20 Jul 2015 12:18

Tgt Ion:112 Resp: 799934
Ion Ratio Lower Upper
112 100
64 51.5 45.4 68.0
63 28.1 25.3 37.9



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: 92.99 ng

RT: 6.77 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG017984.D

Acq: 20 Jul 2015 12:18

Instrument :

BNA_G

ClientSampleId :

BRIDGE14-6(0-2)

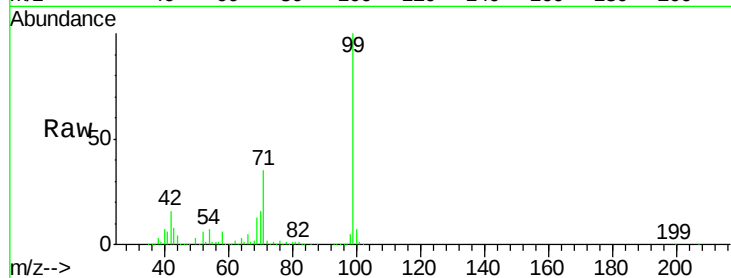
Tgt Ion: 99 Resp: 1022473

Ion Ratio Lower Upper

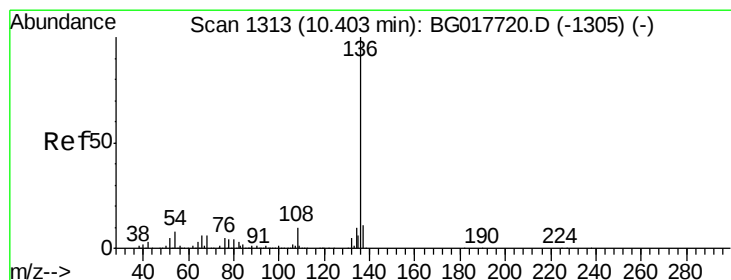
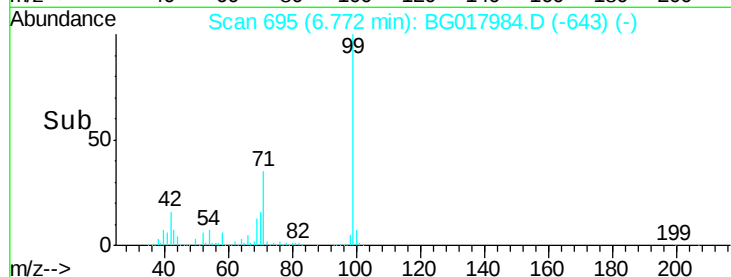
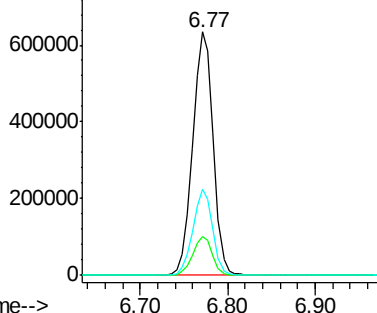
99 100

42 15.8 16.2 24.4#

71 35.2 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. -0.01 min

Lab File: BG017984.D

Acq: 20 Jul 2015 12:18

Tgt Ion: 136 Resp: 648004

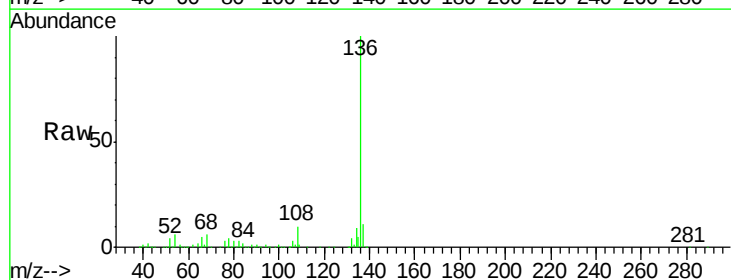
Ion Ratio Lower Upper

136 100

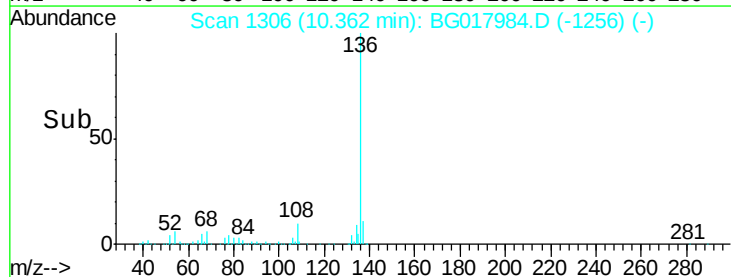
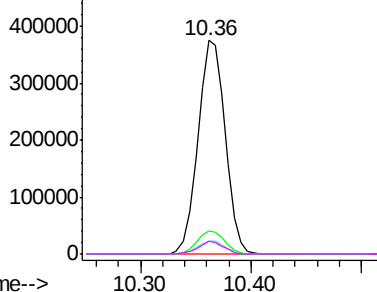
137 10.9 8.8 13.2

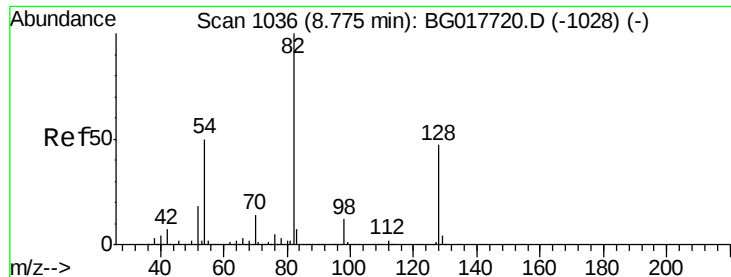
54 6.3 6.6 9.8#

68 5.8 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

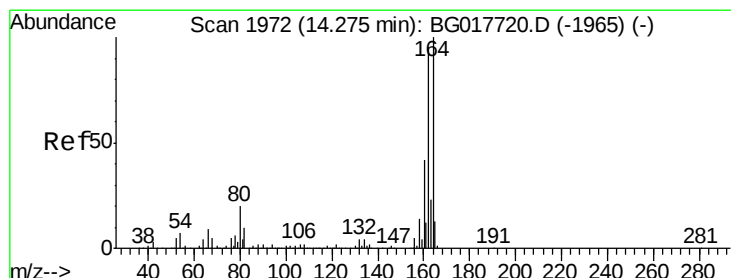
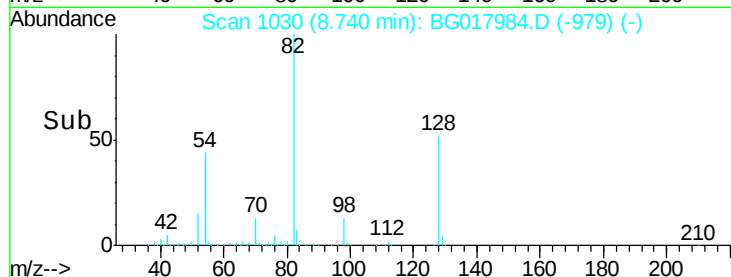
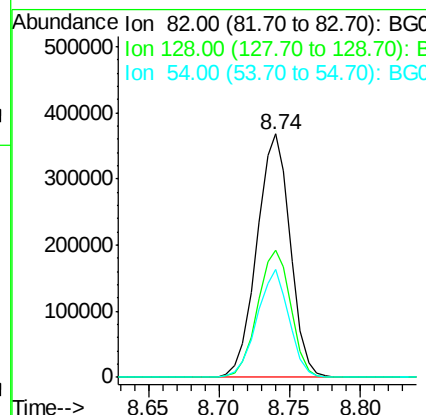
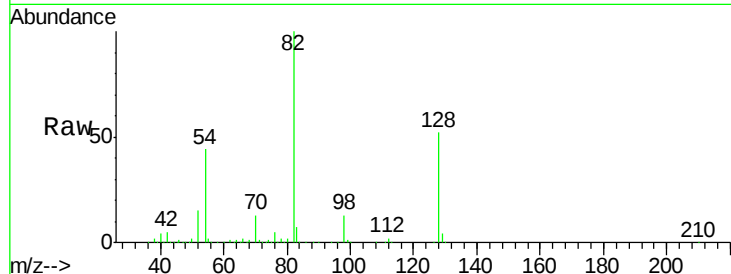




#23
 Nitrobenzene-d5
 Concen: 60.80 ng
 RT: 8.74 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BG017984.D
 Acq: 20 Jul 2015 12:18

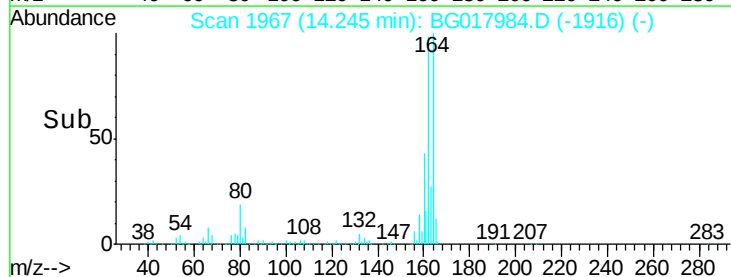
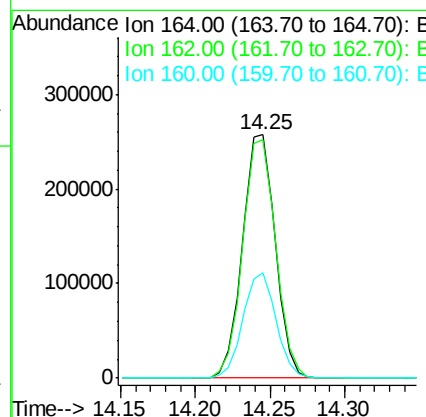
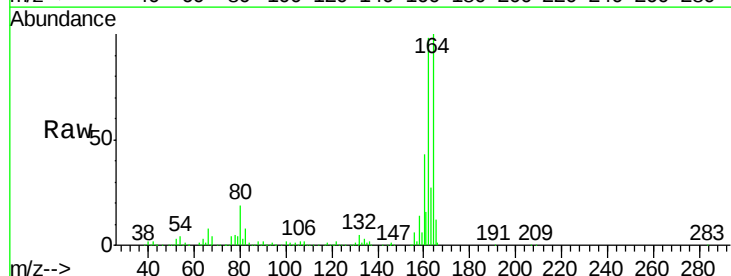
Instrument :
 BNA_G
 ClientSampleId :
 BRIDGE14-6(0-2)

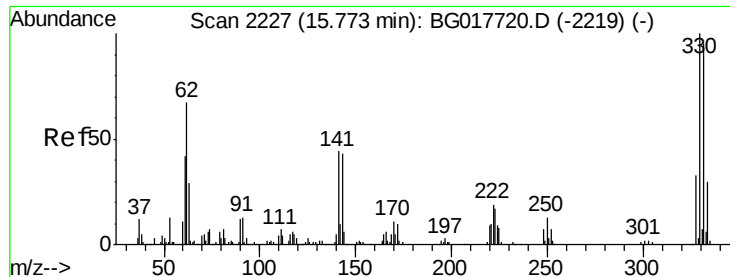
Tgt Ion	Ratio	Lower	Upper
82	100		
128	52.0	37.8	56.6
54	44.3	39.9	59.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.25 min Scan# 1967
 Delta R.T. 0.00 min
 Lab File: BG017984.D
 Acq: 20 Jul 2015 12:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.7	76.3	114.5
160	43.4	33.7	50.5

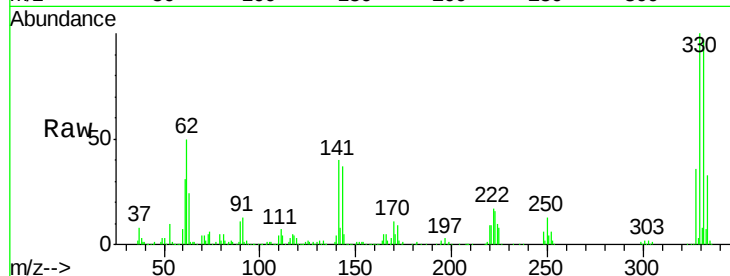




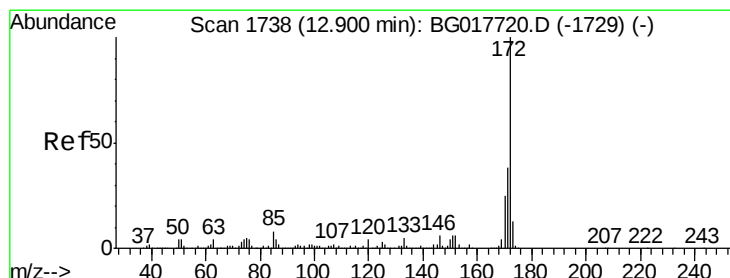
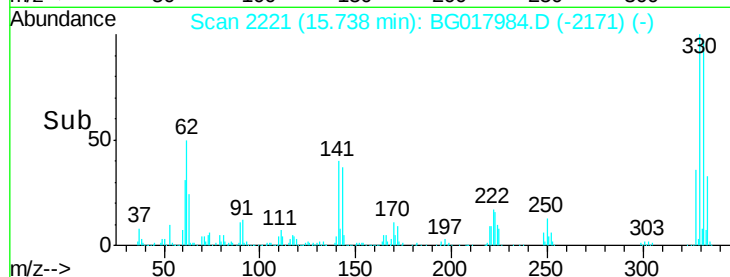
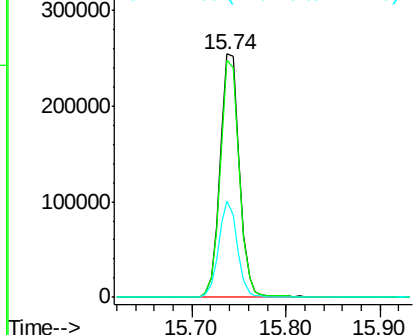
#41
 2,4,6-Tribromophenol
 Concen: 92.52 ng
 RT: 15.74 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BG017984.D
 Acq: 20 Jul 2015 12:18

Instrument :
 BNA_G
 ClientSampleId :
 BRIDGE14-6(0-2)

Tgt Ion:330 Resp: 366541
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.8 115.2
 141 38.0 38.0 57.0

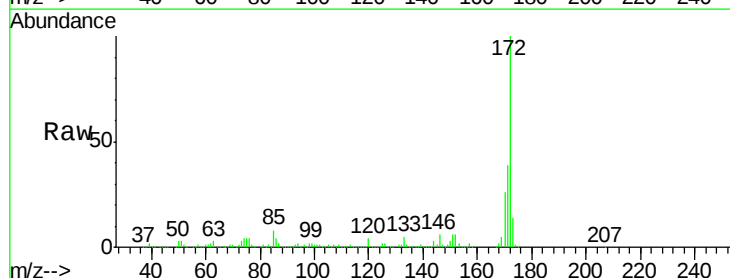


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

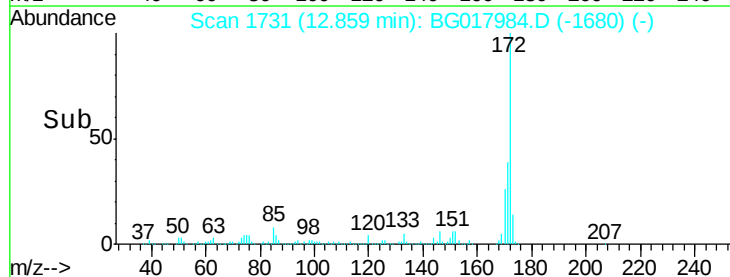
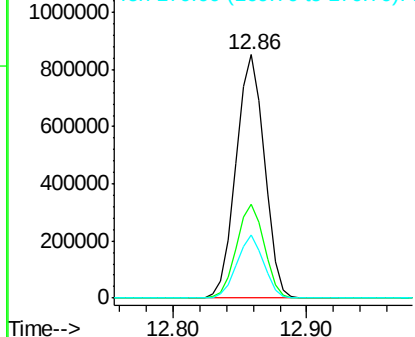


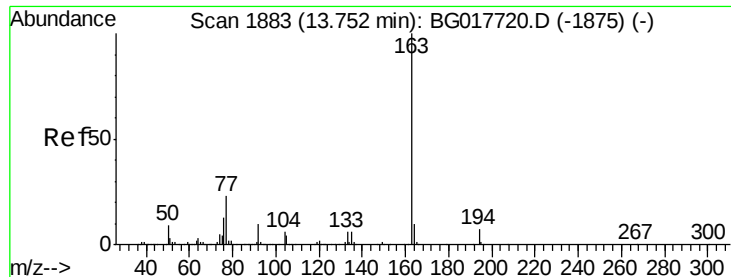
#44
 2-Fluorobiphenyl
 Concen: 55.79 ng
 RT: 12.86 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: BG017984.D
 Acq: 20 Jul 2015 12:18

Tgt Ion:172 Resp: 1258846
 Ion Ratio Lower Upper
 172 100
 171 38.8 30.7 46.1
 170 25.8 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: 10.20 ng

RT: 13.70 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG017984.D

Acq: 20 Jul 2015 12:18

Instrument :

BNA_G

ClientSampleId :

BRIDGE14-6(0-2)

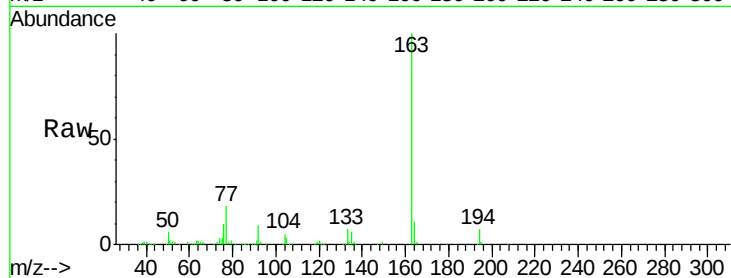
Tgt Ion:163 Resp: 277103

Ion Ratio Lower Upper

163 100

194 6.6 5.8 8.6

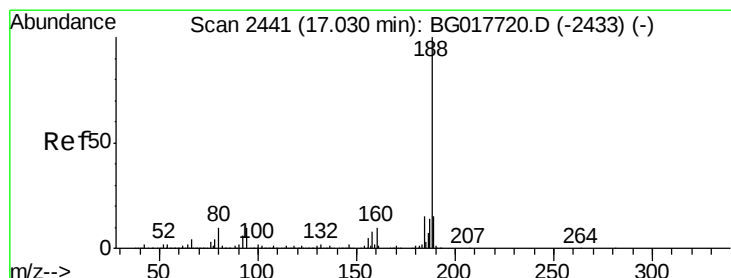
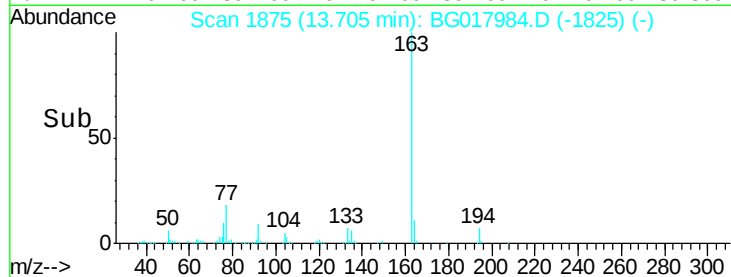
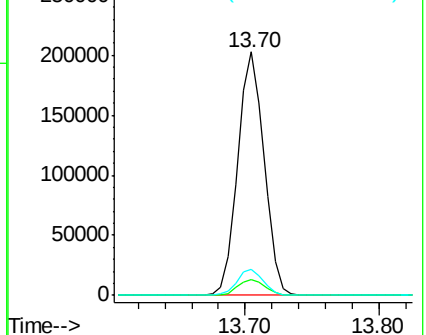
164 10.7 8.3 12.5



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. -0.01 min

Lab File: BG017984.D

Acq: 20 Jul 2015 12:18

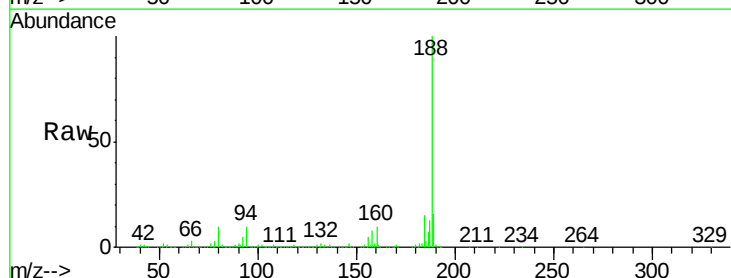
Tgt Ion:188 Resp: 757733

Ion Ratio Lower Upper

188 100

94 9.6 8.2 12.2

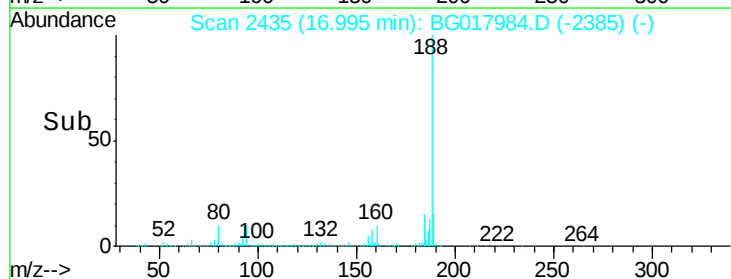
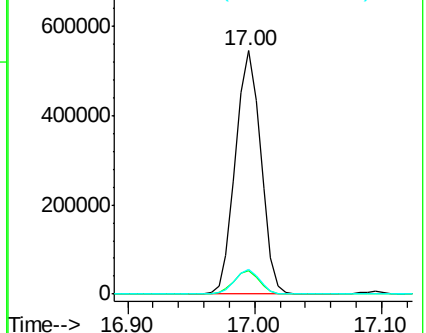
80 10.3 8.2 12.4

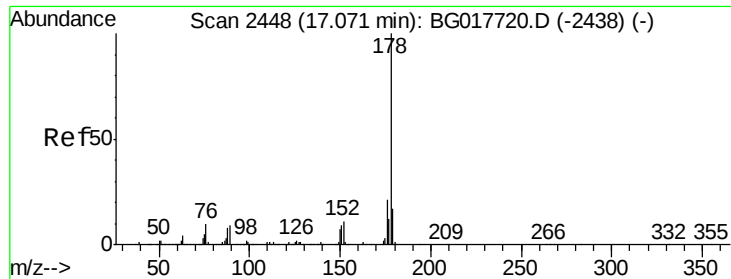


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#70

Phenanthrene

Concen: 2.19 ng

RT: 17.04 min Scan# 2442

Delta R.T. -0.01 min

Lab File: BG017984.D

Acq: 20 Jul 2015 12:18

Instrument :

BNA_G

ClientSampleId :

BRIDGE14-6(0-2)

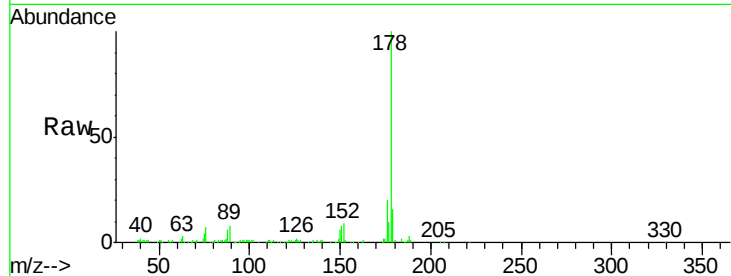
Tgt Ion:178 Resp: 85735

Ion Ratio Lower Upper

178 100

176 20.4 16.5 24.7

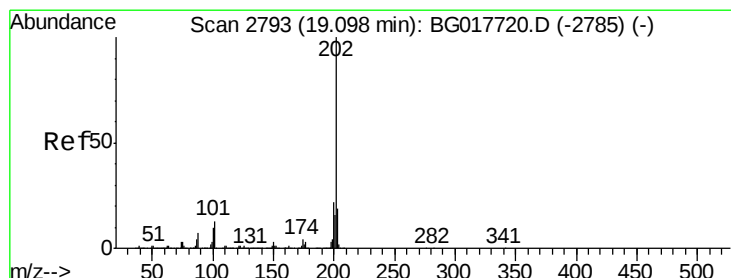
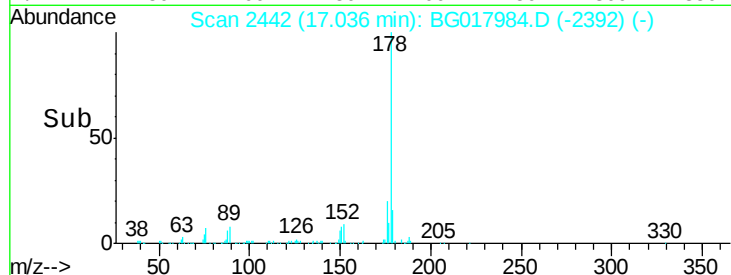
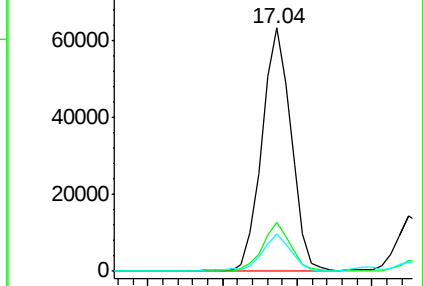
179 15.5 13.5 20.3



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: 2.45 ng

RT: 19.06 min Scan# 2787

Delta R.T. 0.00 min

Lab File: BG017984.D

Acq: 20 Jul 2015 12:18

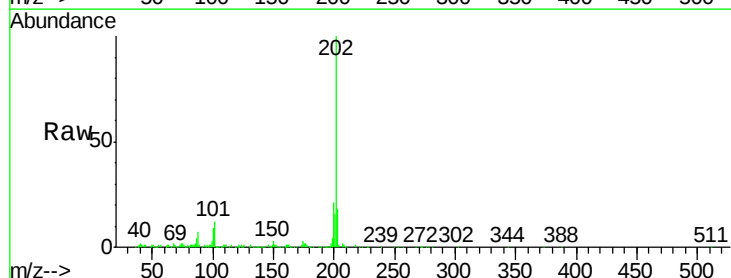
Tgt Ion:202 Resp: 104794

Ion Ratio Lower Upper

202 100

101 12.1 0.0 33.3

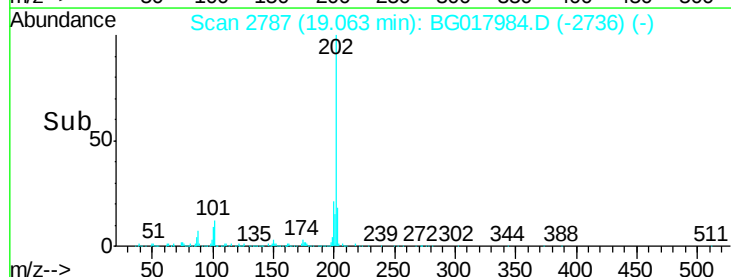
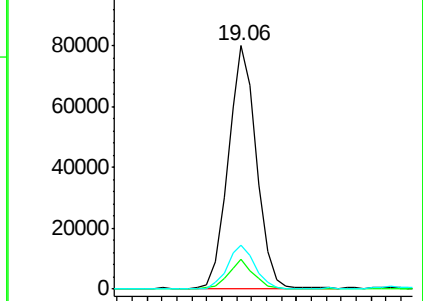
203 18.0 0.0 39.5

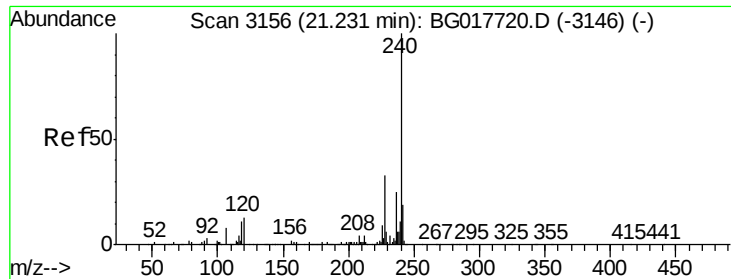


Abundance Ion 202.00 (201.70 to 202.70): E

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. -0.01 min

Lab File: BG017984.D

Acq: 20 Jul 2015 12:18

Instrument :

BNA_G

ClientSampleId :

BRIDGE14-6(0-2)

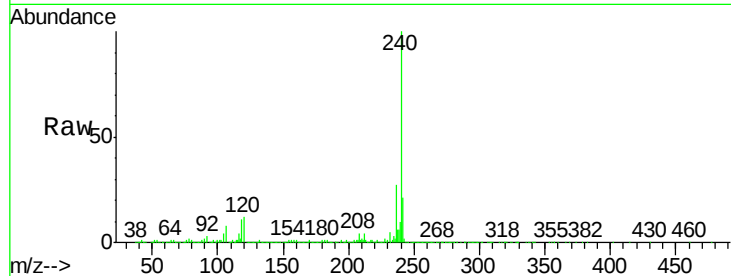
Tgt Ion:240 Resp: 752662

Ion Ratio Lower Upper

240 100

120 12.3 10.8 16.2

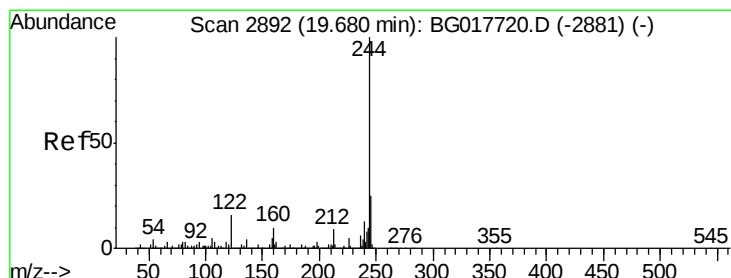
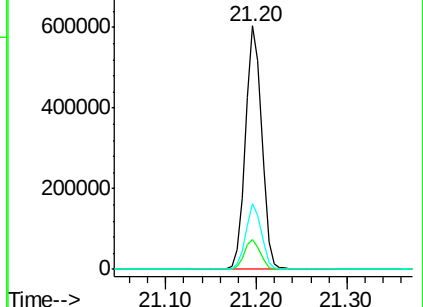
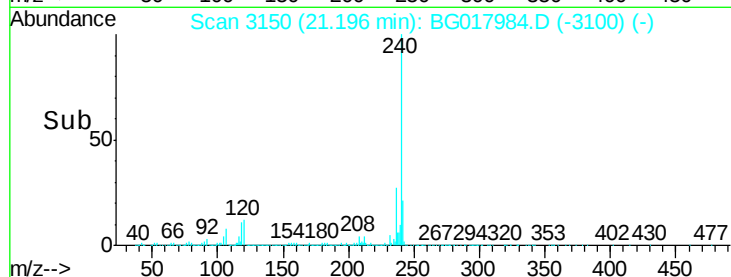
236 27.2 20.0 30.0



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



#78

Terphenyl-d14

Concen: 49.19 ng

RT: 19.64 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG017984.D

Acq: 20 Jul 2015 12:18

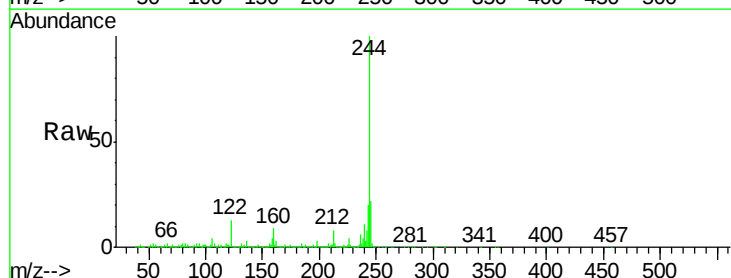
Tgt Ion:244 Resp: 1469657

Ion Ratio Lower Upper

244 100

212 7.7 7.2 10.8

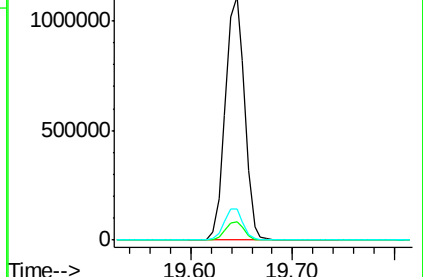
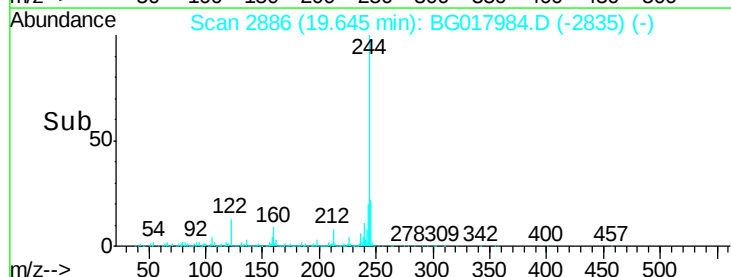
122 13.0 12.8 19.2

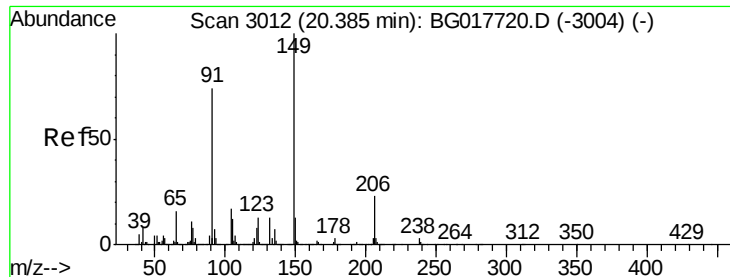


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 2.99 ng

RT: 20.34 min Scan# 3005

Delta R.T. -0.01 min

Lab File: BG017984.D

Acq: 20 Jul 2015 12:18

Instrument :

BNA_G

ClientSampleId :

BRIDGE14-6(0-2)

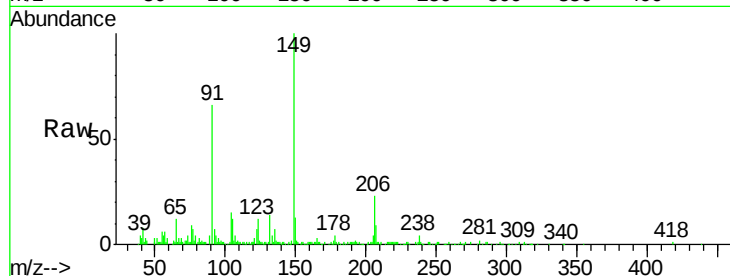
Tgt Ion:149 Resp: 56214

Ion Ratio Lower Upper

149 100

91 66.4 59.5 89.3

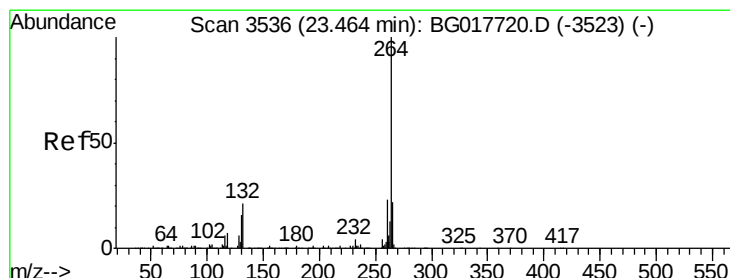
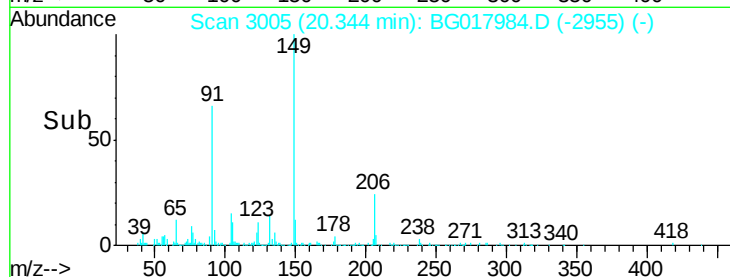
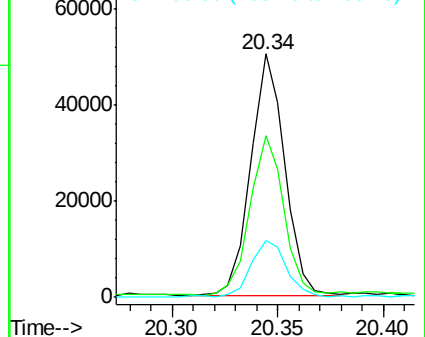
206 23.5 18.5 27.7



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.42 min Scan# 3528

Delta R.T. 0.00 min

Lab File: BG017984.D

Acq: 20 Jul 2015 12:18

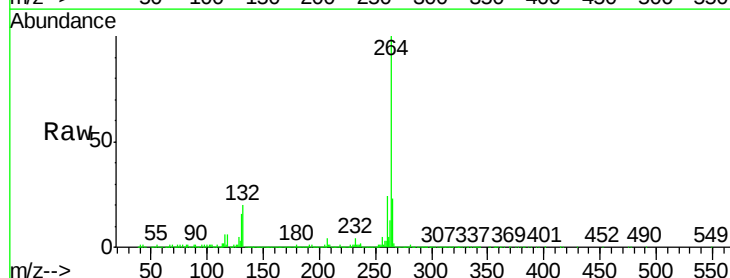
Tgt Ion:264 Resp: 756859

Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

265 22.7 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

