

Data Path : Z:\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 17:16:10 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

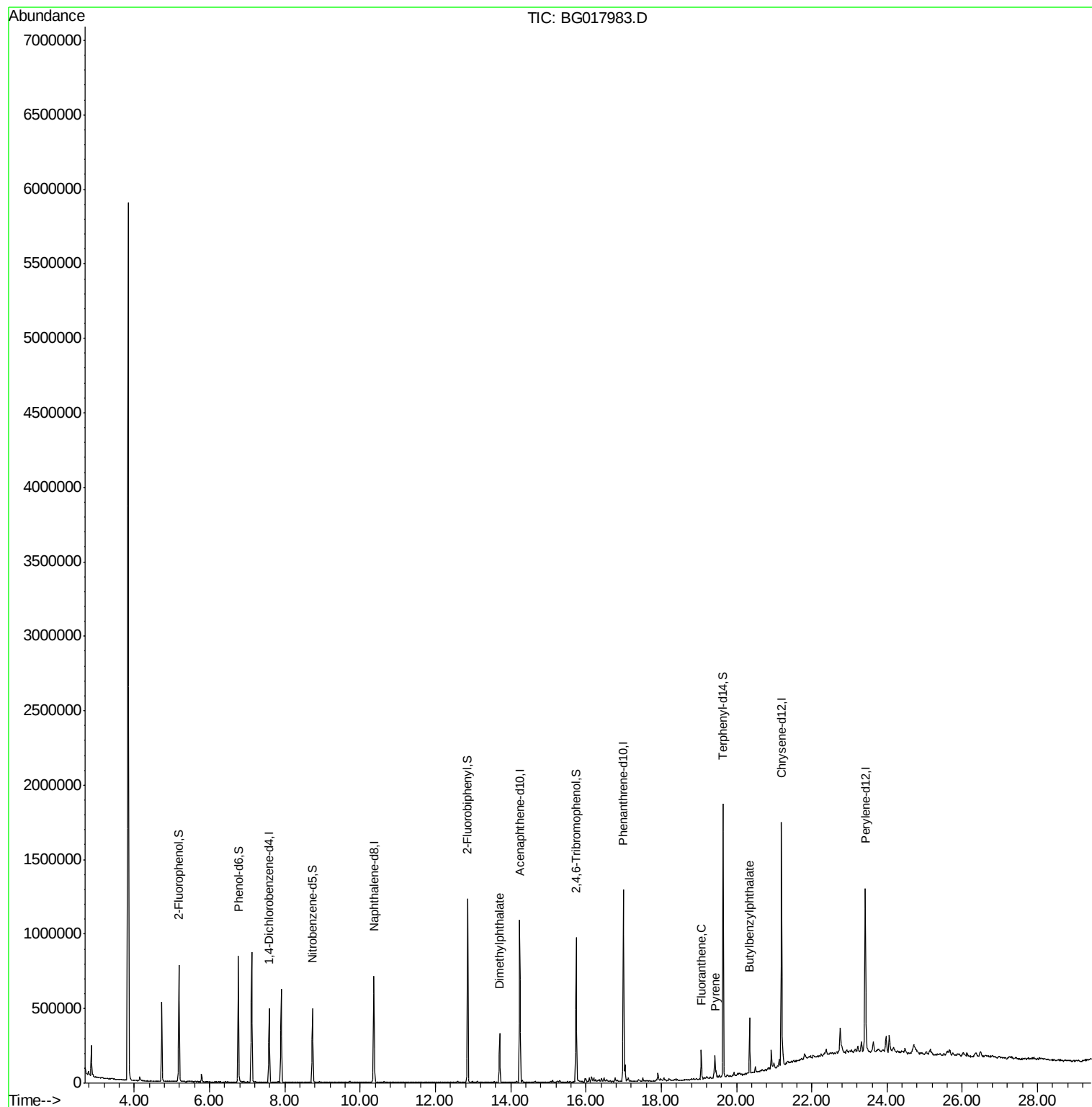
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	129848	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	600573	20.00	ng	0.00
38) Acenaphthene-d10	14.24	164	370717	20.00	ng	0.00
63) Phenanthrene-d10	17.00	188	728424	20.00	ng	0.00
75) Chrysene-d12	21.20	240	731961	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						
32) Benzoic acid	9.68	122	324	Below Cal	#	56
49) Dimethylphthalate	13.71	163	208119	8.08	ng	99
64) 4,6-Dinitro-2-methylphenol	15.35	198	56	Below Cal	#	12
69) Pentachlorophenol	16.65	266	71	Below Cal	#	41
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

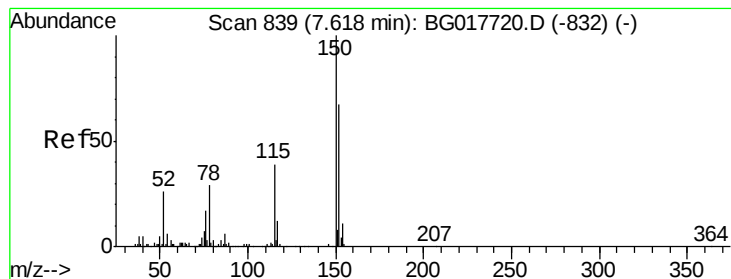
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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. -0.00 min

Lab File: BG017983.D

Acq: 20 Jul 2015 11:43

Instrument :

BNA_G

ClientSampleId :

BRIDGE14-7(0-2)

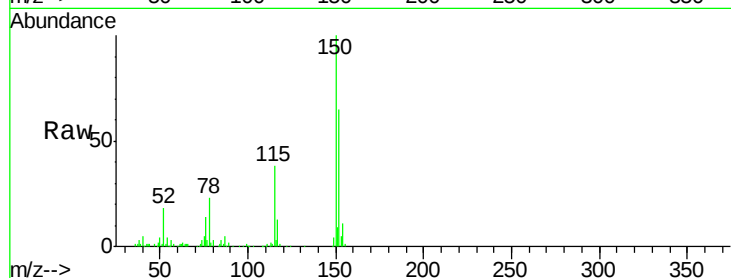
Tgt Ion:152 Resp: 129848

Ion Ratio Lower Upper

152 100

150 153.5 119.1 178.7

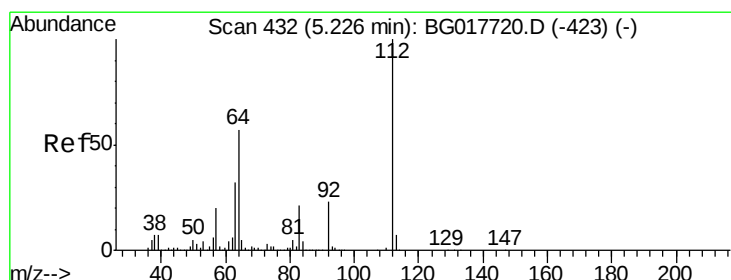
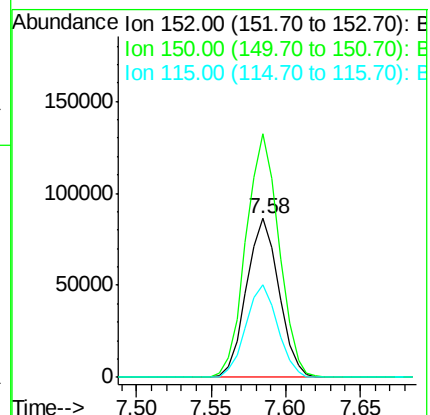
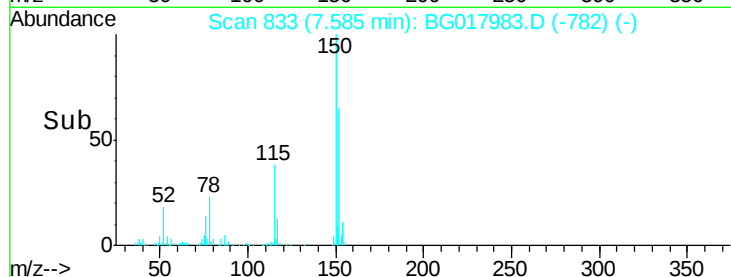
115 58.1 47.0 70.4



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: 48.65 ng

RT: 5.19 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG017983.D

Acq: 20 Jul 2015 11:43

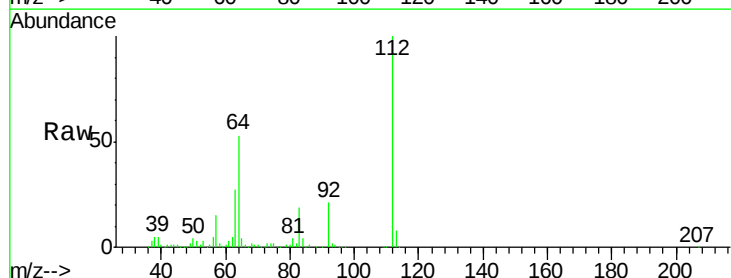
Tgt Ion:112 Resp: 362148

Ion Ratio Lower Upper

112 100

64 52.9 45.4 68.0

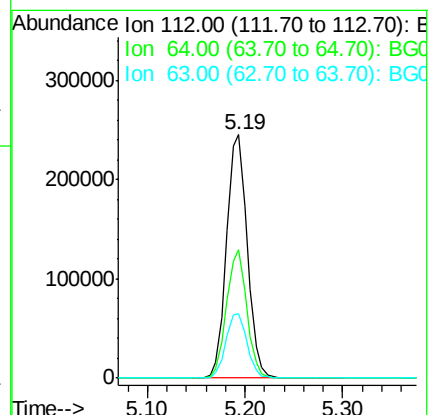
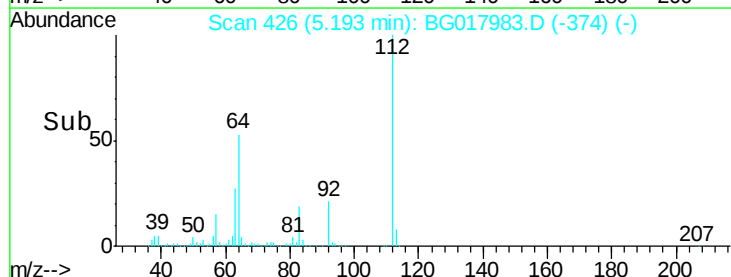
63 26.6 25.3 37.9

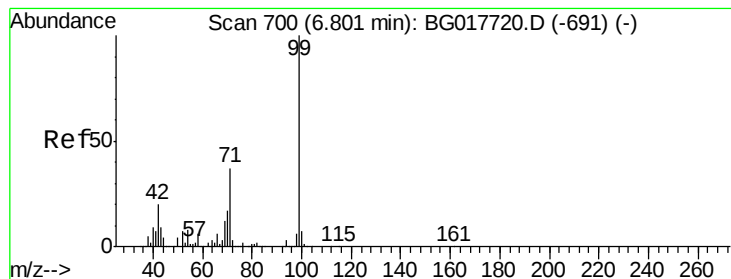


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 51.23 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)

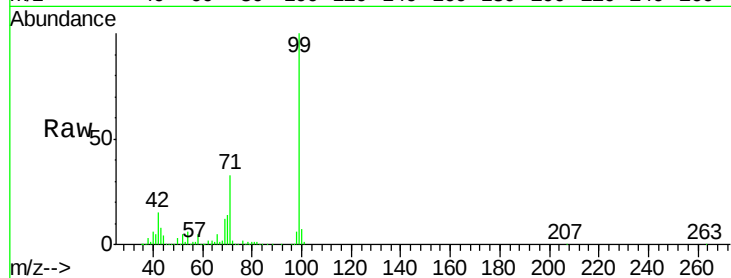
Tgt Ion: 99 Resp: 499613

Ion Ratio Lower Upper

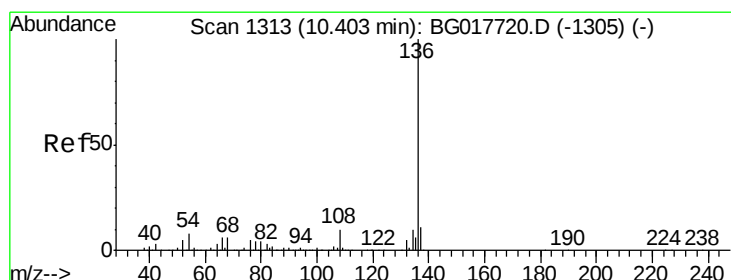
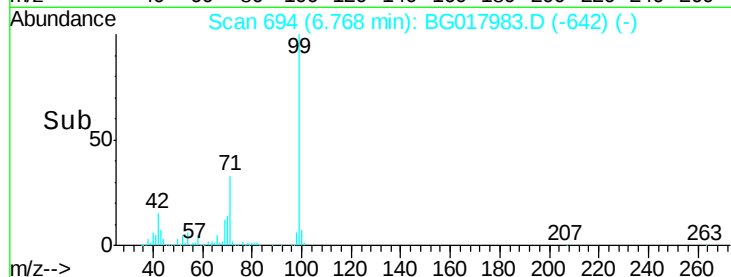
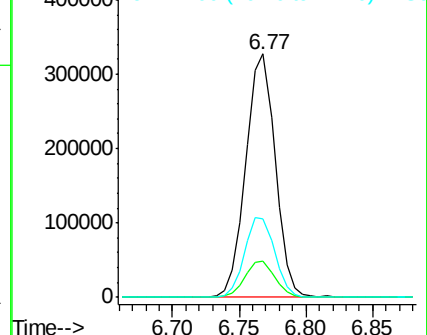
99 100

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

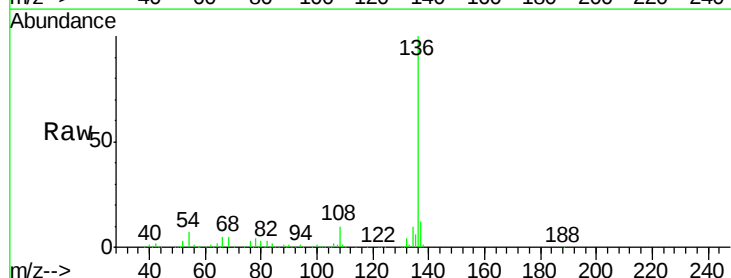
Ion Ratio Lower Upper

136 100

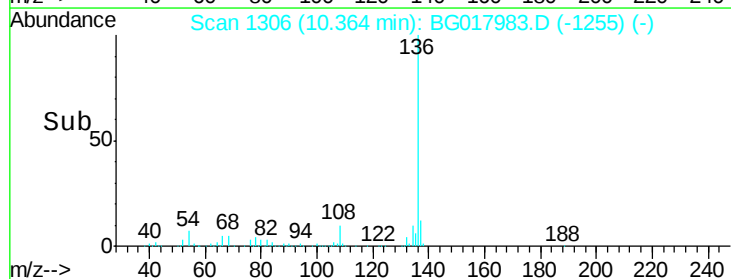
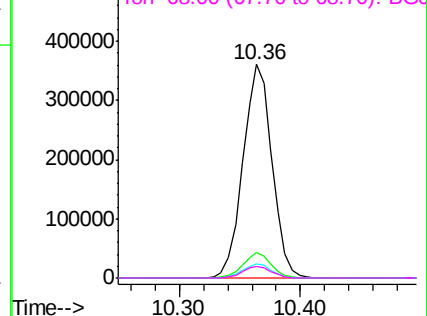
137 11.9 8.8 13.2

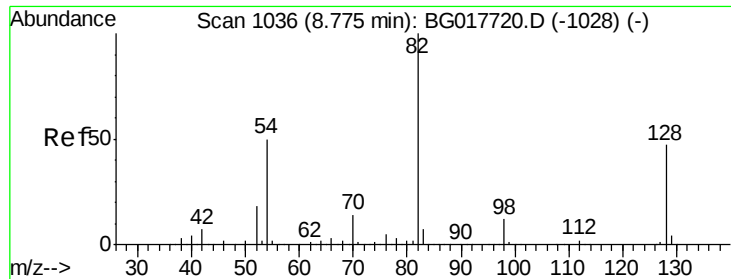
54 6.7 6.6 9.8

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

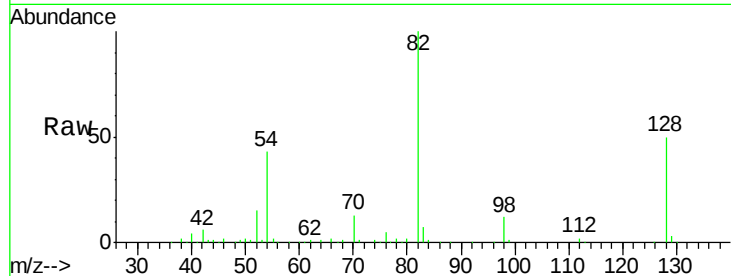




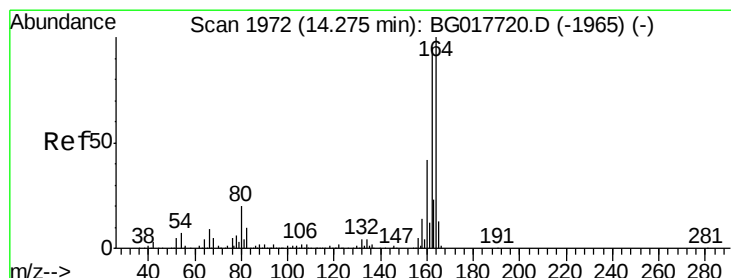
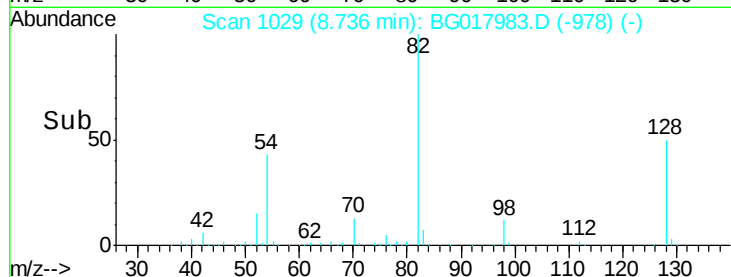
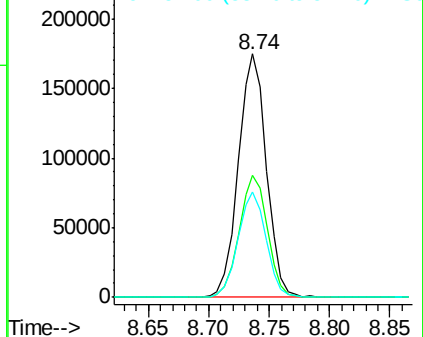
#23
 Nitrobenzene-d5
 Concen: 30.58 ng
 RT: 8.74 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BG017983.D
 Acq: 20 Jul 2015 11:43

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

Tgt Ion: 82 Resp: 283540
 Ion Ratio Lower Upper
 82 100
 128 50.1 37.8 56.6
 54 43.2 39.9 59.9

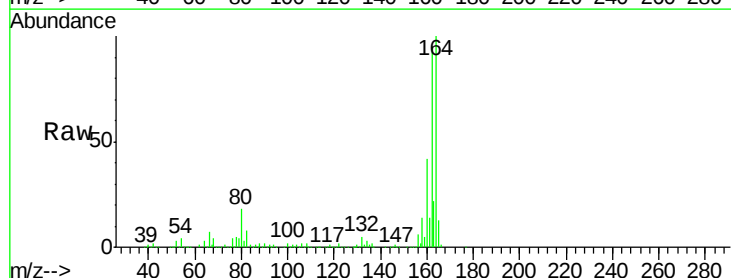


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

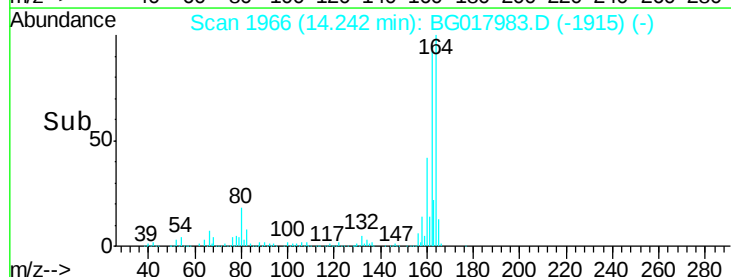
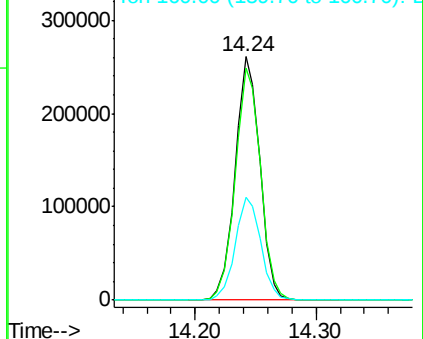


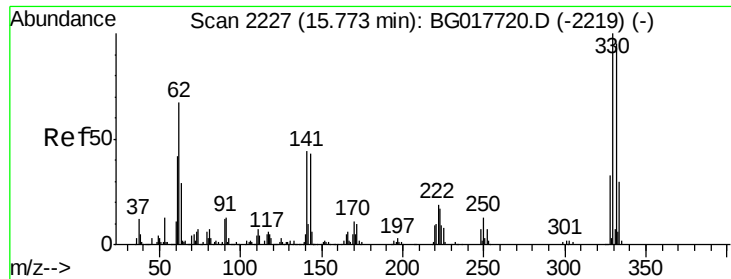
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.24 min Scan# 1966
 Delta R.T. -0.00 min
 Lab File: BG017983.D
 Acq: 20 Jul 2015 11:43

Tgt Ion: 164 Resp: 370717
 Ion Ratio Lower Upper
 164 100
 162 95.2 76.3 114.5
 160 42.3 33.7 50.5



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

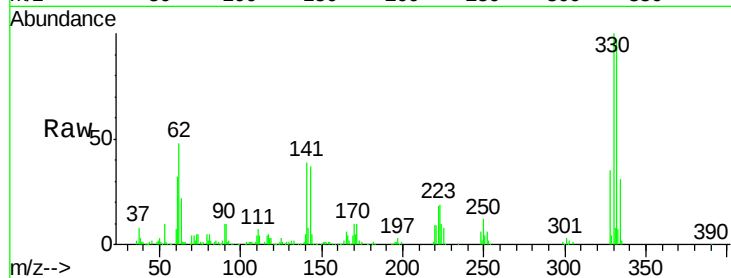




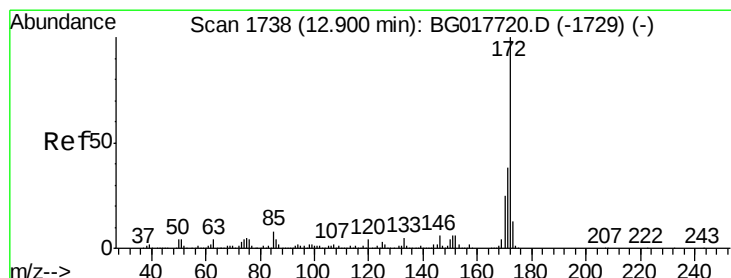
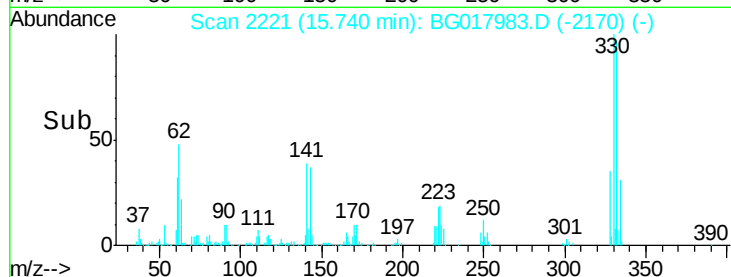
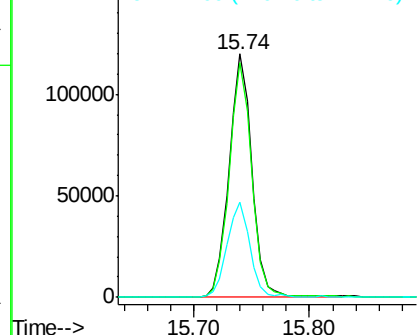
#41
 2,4,6-Tribromophenol
 Concen: 43.91 ng
 RT: 15.74 min Scan# 2221
 Delta R.T. -0.00 min
 Lab File: BG017983.D
 Acq: 20 Jul 2015 11:43

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

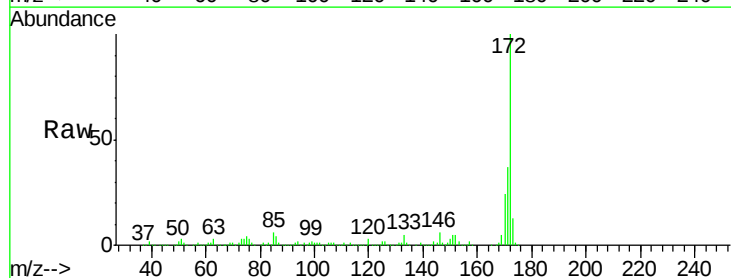


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

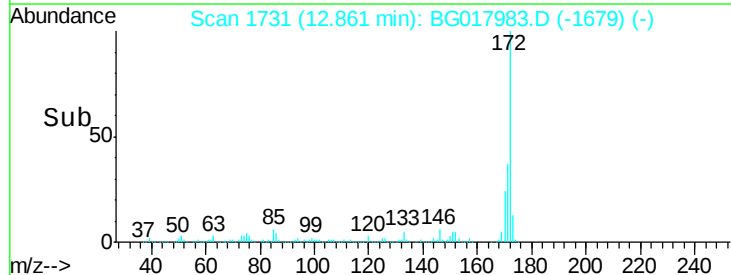
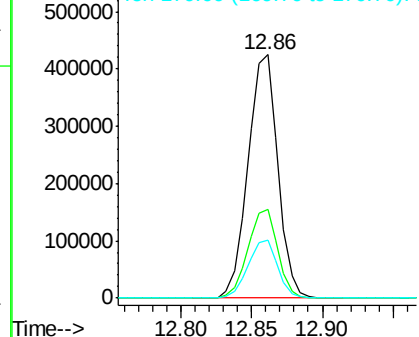


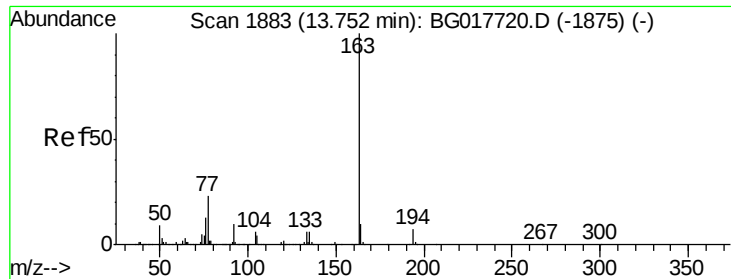
#44
 2-Fluorobiphenyl
 Concen: 29.41 ng
 RT: 12.86 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: BG017983.D
 Acq: 20 Jul 2015 11:43

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



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: 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

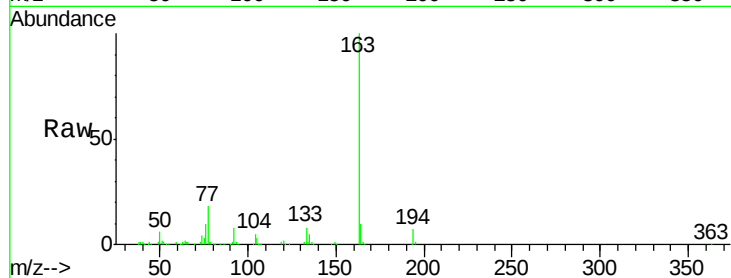
Instrument :

BNA_G

ClientSampleId :

BRIDGE14-7(0-2)

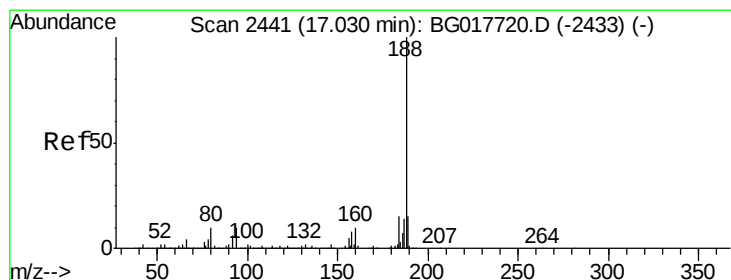
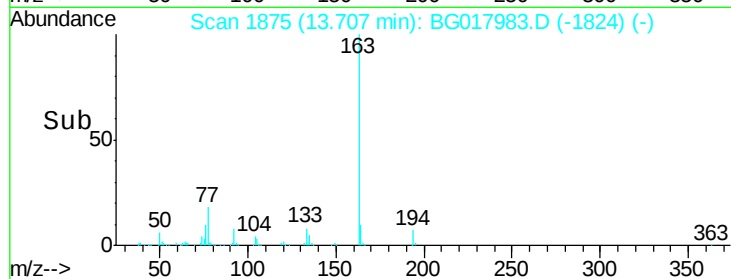
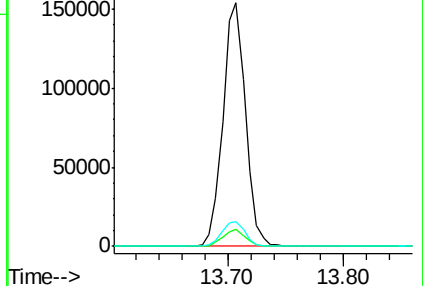
Tgt Ion:	163	Resp:	208119
Ion	Ratio	Lower	Upper
163	100		
194	7.2	5.8	8.6
164	10.1	8.3	12.5



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

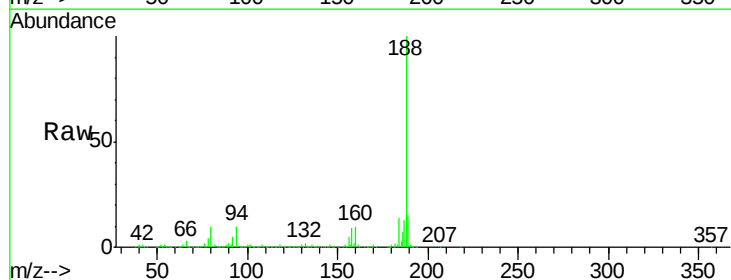
RT: 17.00 min Scan# 2435

Delta R.T. -0.00 min

Lab File: BG017983.D

Acq: 20 Jul 2015 11:43

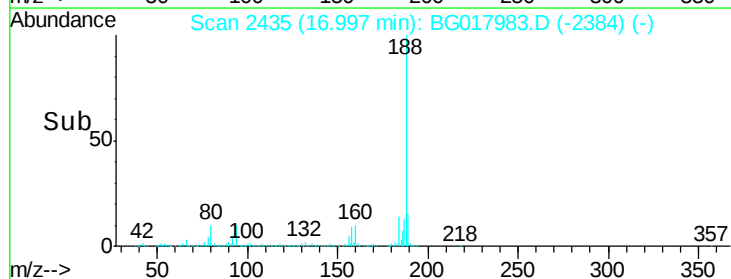
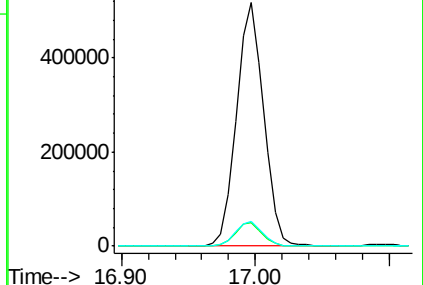
Tgt Ion:	188	Resp:	728424
Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.2	12.2
80	10.0	8.2	12.4

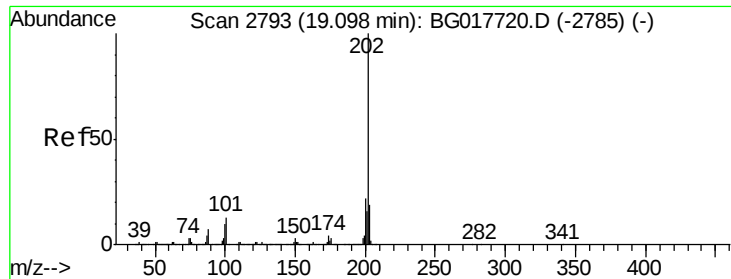


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#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

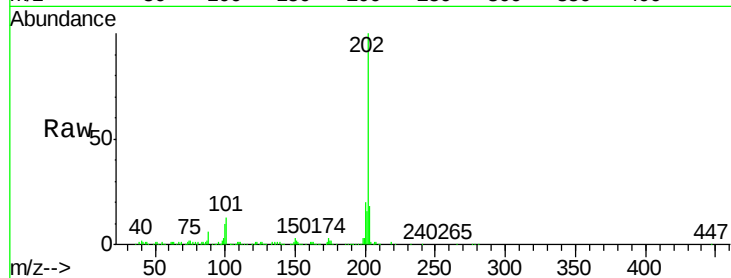
Instrument :

BNA_G

ClientSampleId :

BRIDGE14-7(0-2)

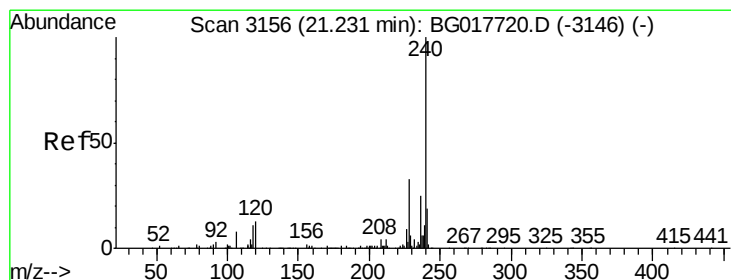
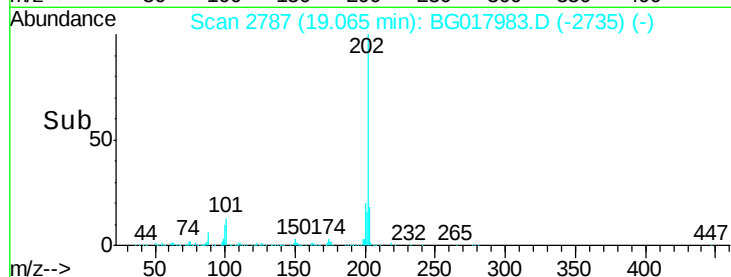
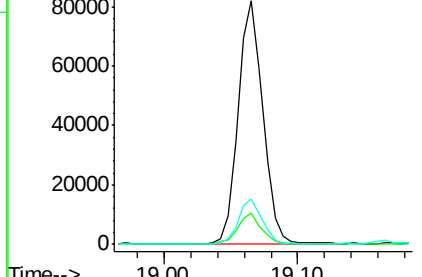
Tgt Ion:	202	Resp:	105922
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	33.3
203	18.5	0.0	39.5



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

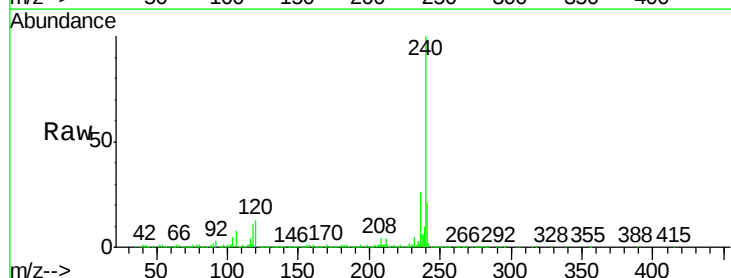
RT: 21.20 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG017983.D

Acq: 20 Jul 2015 11:43

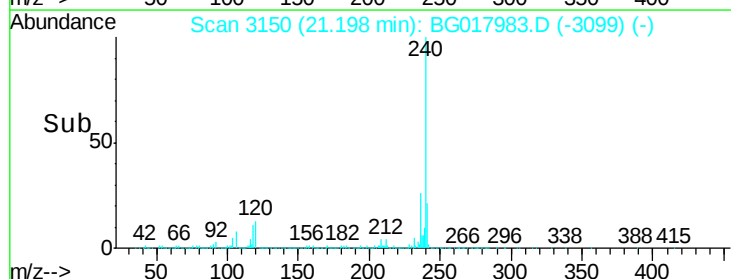
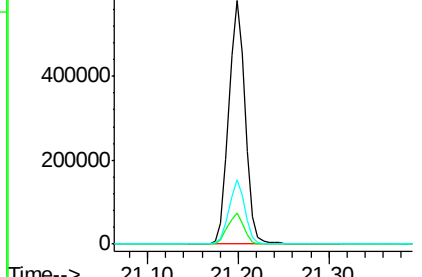
Tgt Ion:	240	Resp:	731961
Ion Ratio	Lower	Upper	
240	100		
120	12.8	10.8	16.2
236	26.3	20.0	30.0

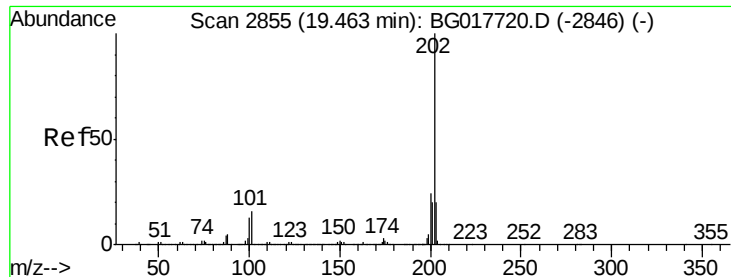


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

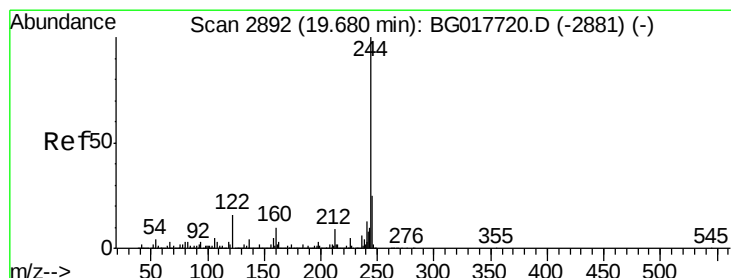
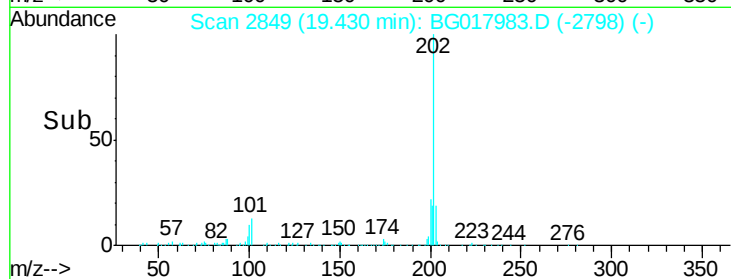
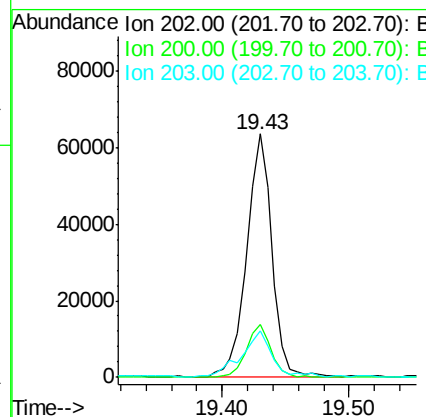
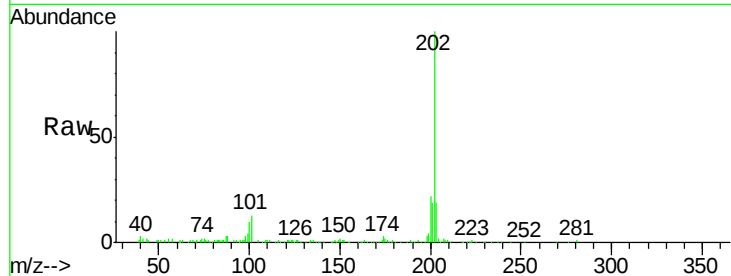




#77
 Pyrene
 Concen: 2.12 ng
 RT: 19.43 min Scan# 2849
 Delta R.T. -0.00 min
 Lab File: BG017983.D
 Acq: 20 Jul 2015 11:43

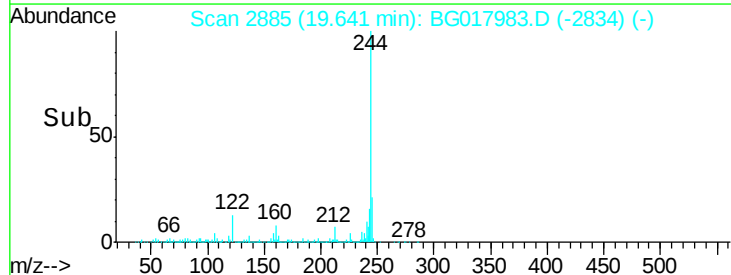
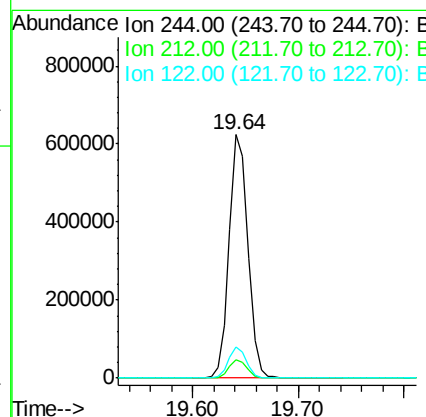
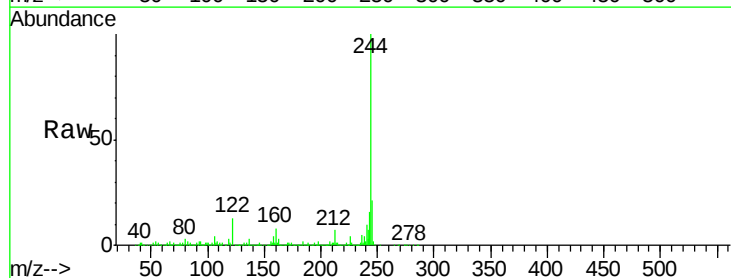
Instrument :
 BNA_G
 ClientSampleId :
 BRIDGE14-7(0-2)

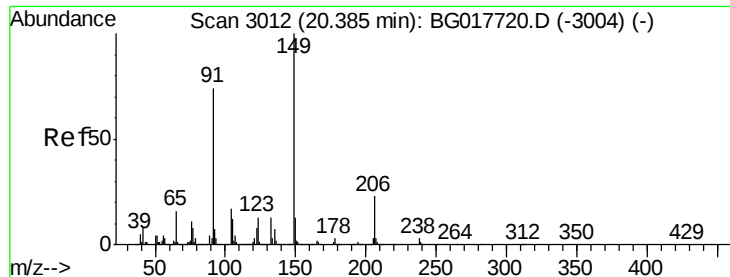
Tgt Ion: 202 Resp: 86448
 Ion Ratio Lower Upper
 202 100
 200 21.8 18.8 28.2
 203 19.2 15.9 23.9



#78
 Terphenyl-d14
 Concen: 26.56 ng
 RT: 19.64 min Scan# 2885
 Delta R.T. -0.00 min
 Lab File: BG017983.D
 Acq: 20 Jul 2015 11:43

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





#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

Instrument :

BNA_G

ClientSampleId :

BRIDGE14-7(0-2)

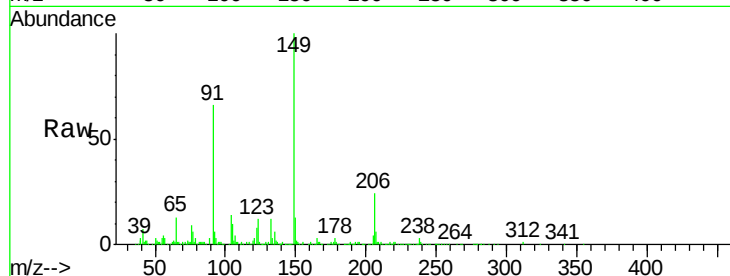
Tgt Ion:149 Resp: 117528

Ion Ratio Lower Upper

149 100

91 66.5 59.5 89.3

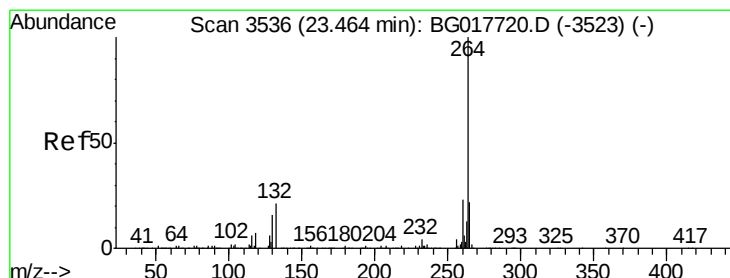
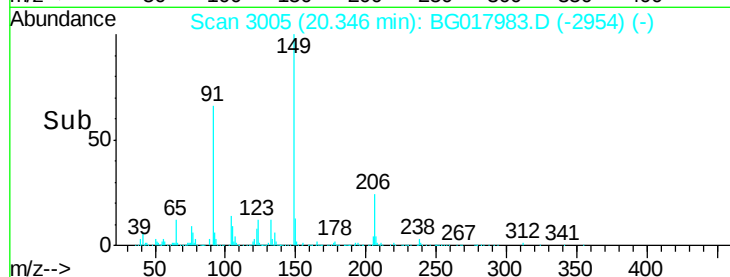
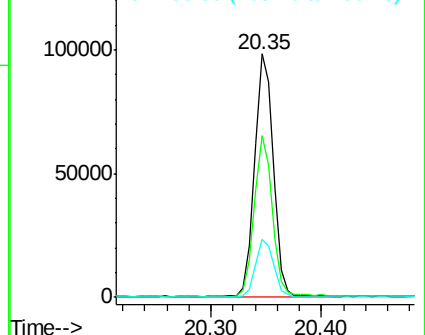
206 23.7 18.5 27.7



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



#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

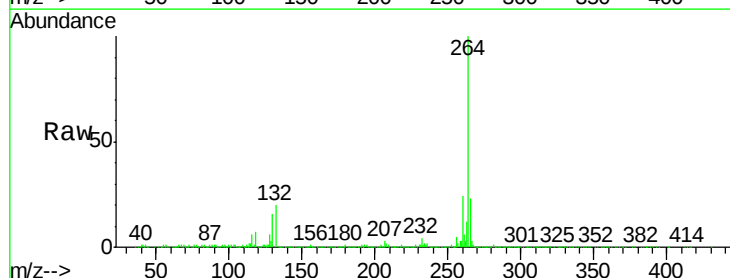
Tgt Ion:264 Resp: 735567

Ion Ratio Lower Upper

264 100

260 24.1 18.6 27.8

265 22.7 18.2 27.2



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

