

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072015\
 Data File : BG017989.D
 Acq On : 20 Jul 2015 15:16
 Operator : TP/UM
 Sample : G2975-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BRIDGE14-4(0-2)

Quant Time: Jul 20 17:17:41 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

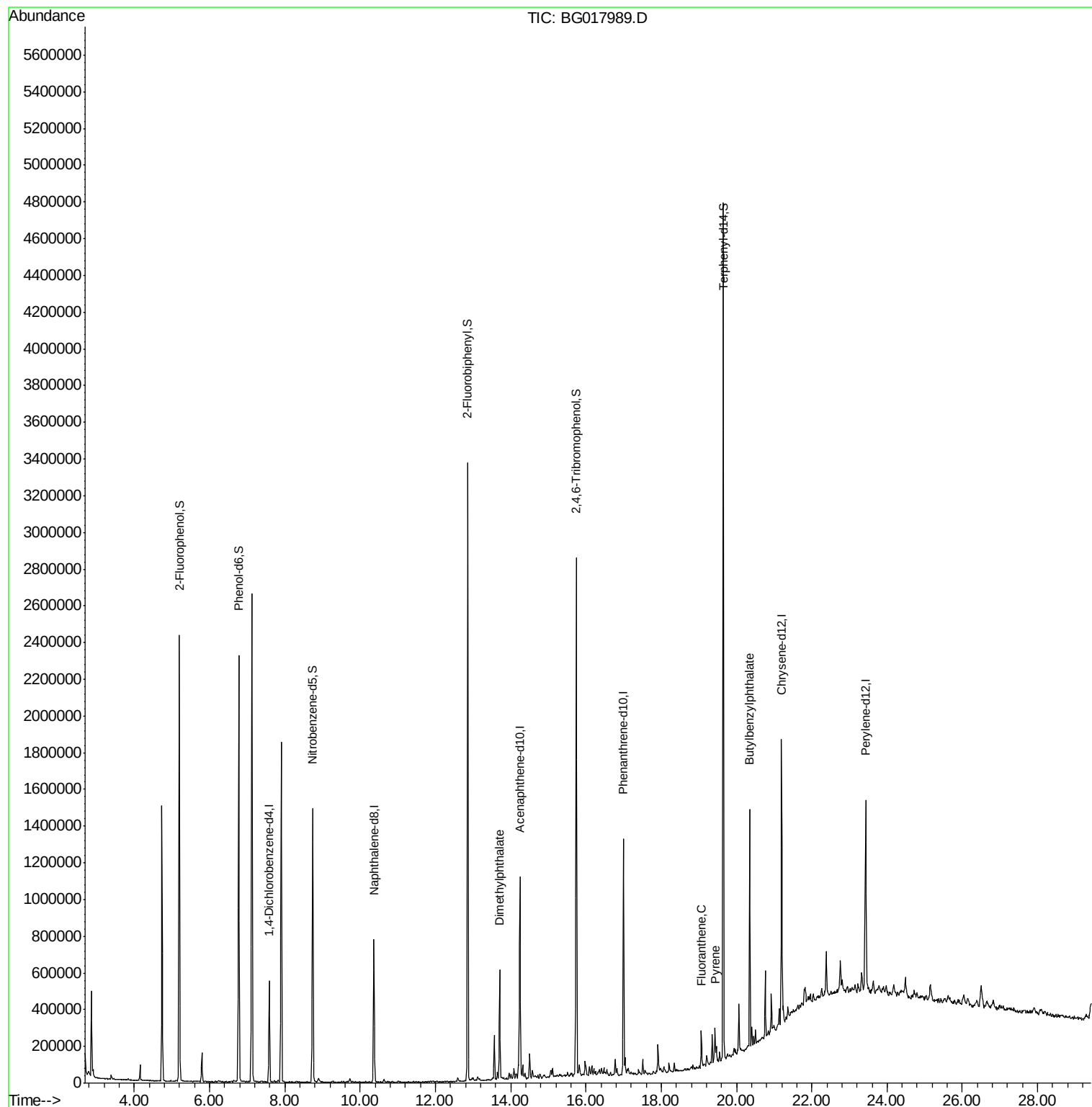
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	155835	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	673419	20.00	ng	0.00
38) Acenaphthene-d10	14.24	164	385867	20.00	ng	0.00
63) Phenanthrene-d10	17.00	188	733841	20.00	ng	0.00
75) Chrysene-d12	21.20	240	748835	20.00	ng	0.00
86) Perylene-d12	23.43	264	783461	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1076873	120.55	ng	0.00
7) Phenol-d6	6.78	99	1393292	119.05	ng	0.01
23) Nitrobenzene-d5	8.74	82	846456	81.41	ng	0.00
41) 2,4,6-Tribromophenol	15.75	330	524193	134.09	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	1692266	76.00	ng	0.00
78) Terphenyl-d14	19.65	244	1887229	63.48	ng	0.00
Target Compounds						
32) Benzoic acid	9.79	122	178	Below Cal		Qvalue 93
49) Dimethylphthalate	13.71	163	376404	14.04	ng	99
53) 2,4-Dinitrophenol	14.20	184	58	Below Cal	#	29
69) Pentachlorophenol	16.66	266	120	Below Cal	#	18
74) Fluoranthene	19.07	202	108977	2.63	ng	97
77) Pyrene	19.43	202	100009	2.39	ng	95
79) Butylbenzylphthalate	20.35	149	403215	21.56	ng	87

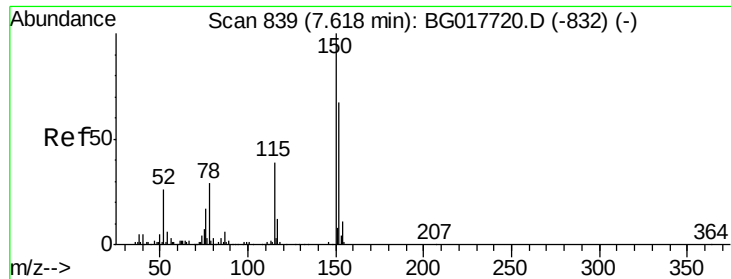
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



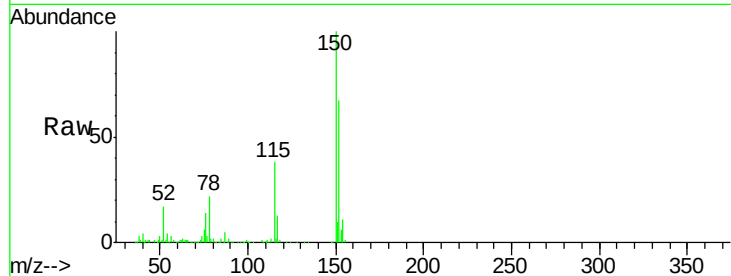


#1

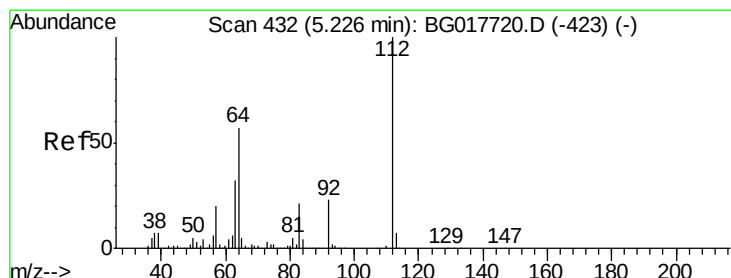
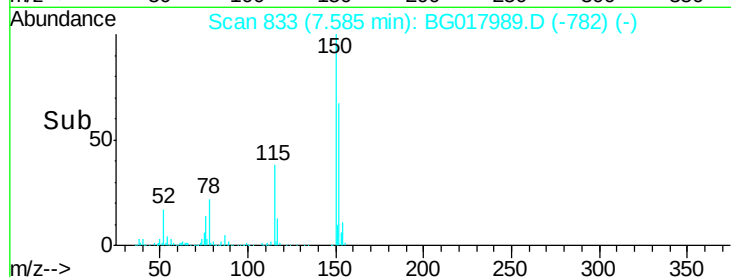
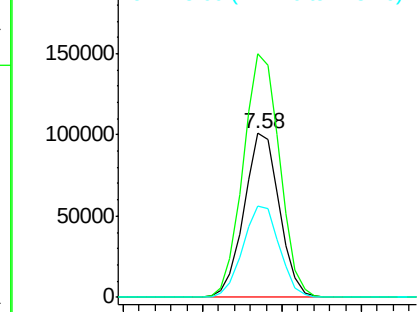
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.58 min Scan# 833
Delta R.T. -0.00 min
Lab File: BG017989.D
Acq: 20 Jul 2015 15:16

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-4(0-2)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	148.3	119.1	178.7
115	55.6	47.0	70.4



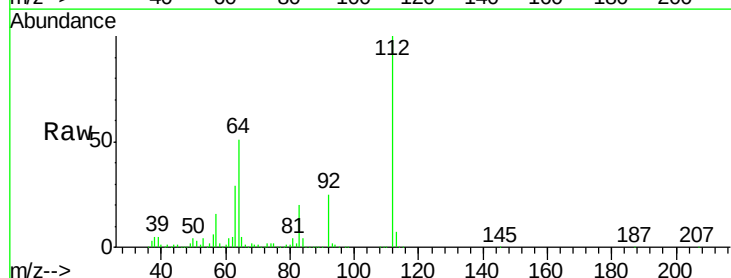
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



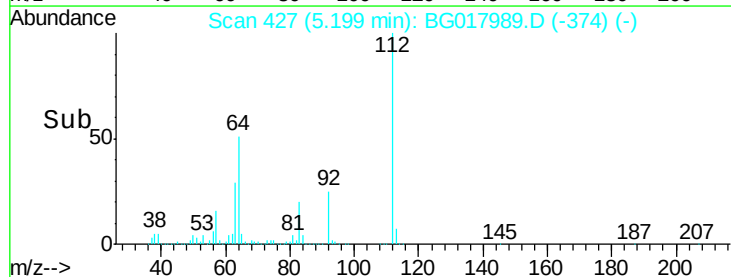
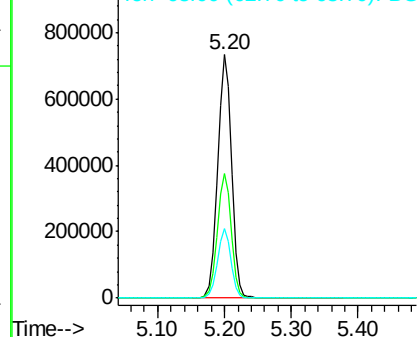
#5

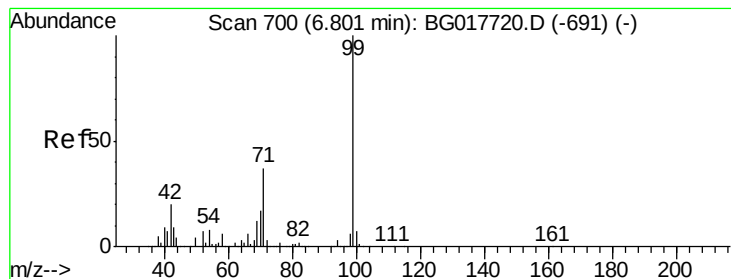
2-Fluorophenol
Concen: 120.55 ng
RT: 5.20 min Scan# 427
Delta R.T. 0.01 min
Lab File: BG017989.D
Acq: 20 Jul 2015 15:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.4	45.4	68.0
63	28.5	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: 119.05 ng

RT: 6.78 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG017989.D

Acq: 20 Jul 2015 15:16

Instrument :

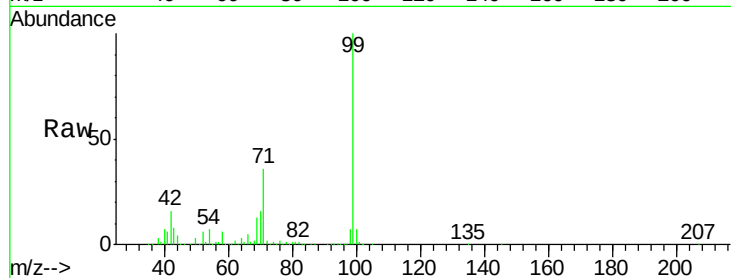
BNA_G

ClientSampleId :

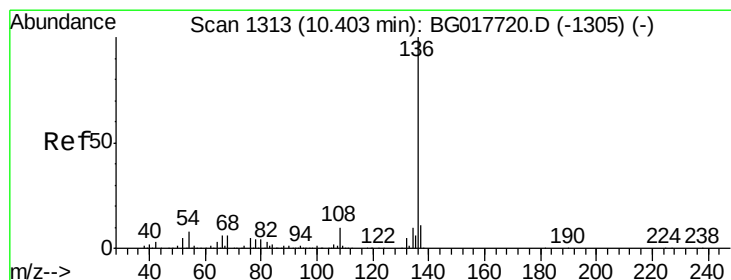
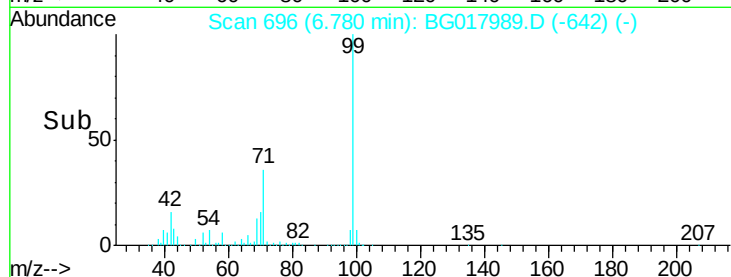
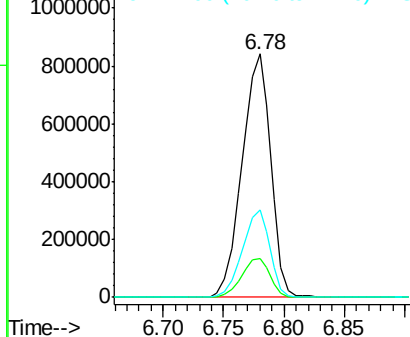
BRIDGE14-4(0-2)

Tgt Ion: 99 Resp: 1393292

Ion	Ratio	Lower	Upper
99	100		
42	16.2	16.2	24.4#
71	35.7	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

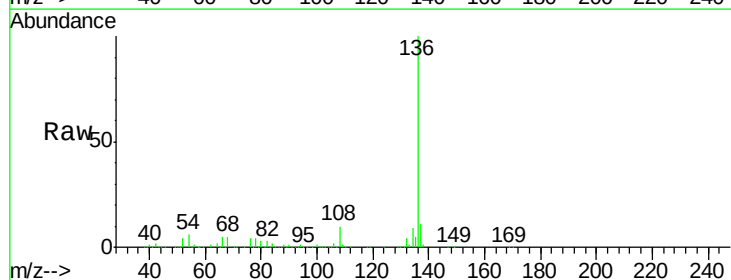
Delta R.T. -0.00 min

Lab File: BG017989.D

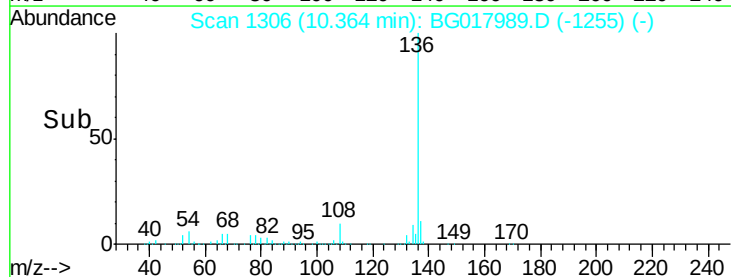
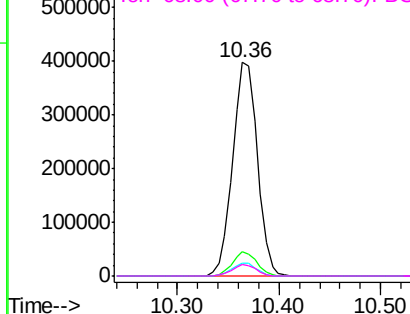
Acq: 20 Jul 2015 15:16

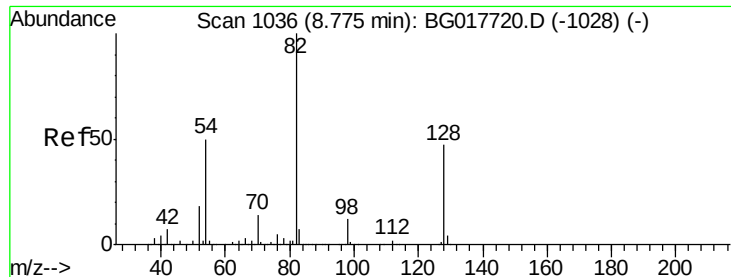
Tgt Ion: 136 Resp: 673419

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	6.3	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

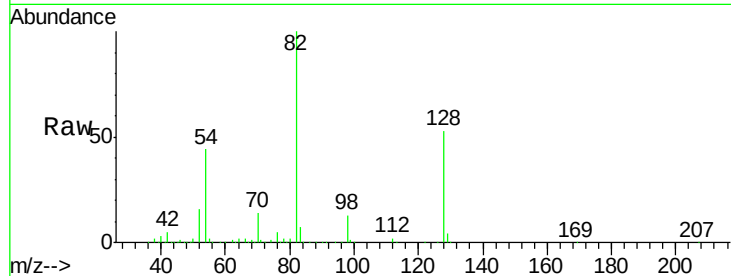




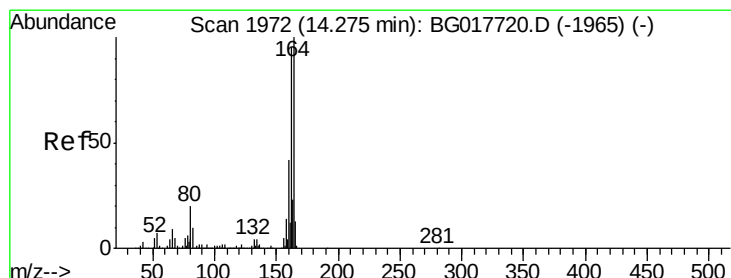
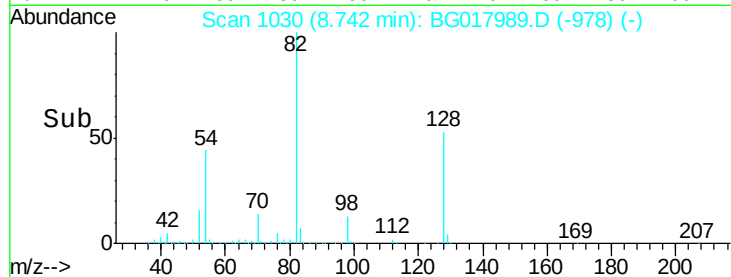
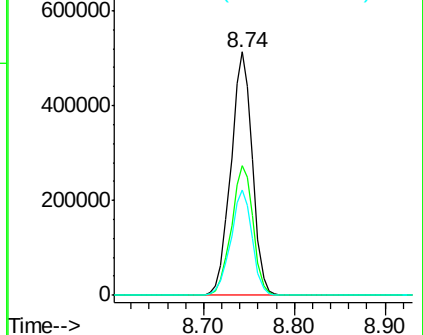
#23
Nitrobenzene-d5
Concen: 81.41 ng
RT: 8.74 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BG017989.D
Acq: 20 Jul 2015 15:16

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-4(0-2)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	53.4	37.8	56.6
54	43.5	39.9	59.9

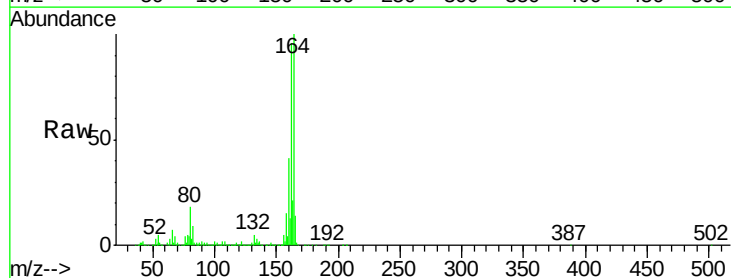


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

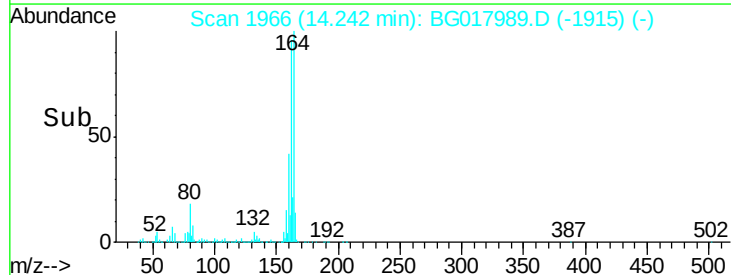
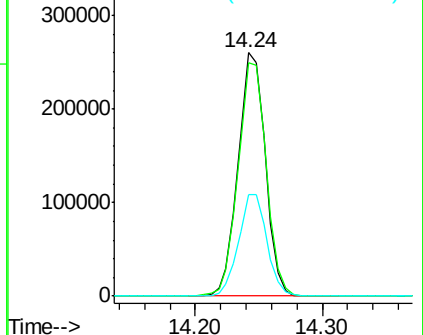


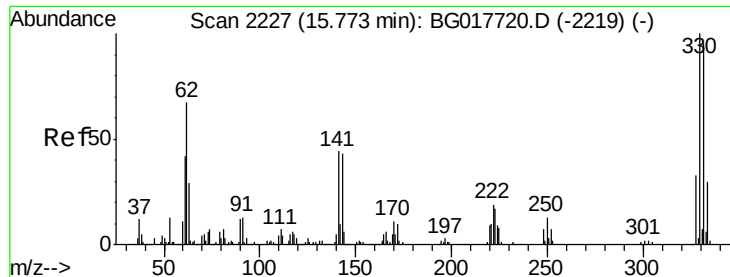
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.24 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BG017989.D
Acq: 20 Jul 2015 15:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.9	76.3	114.5
160	41.5	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

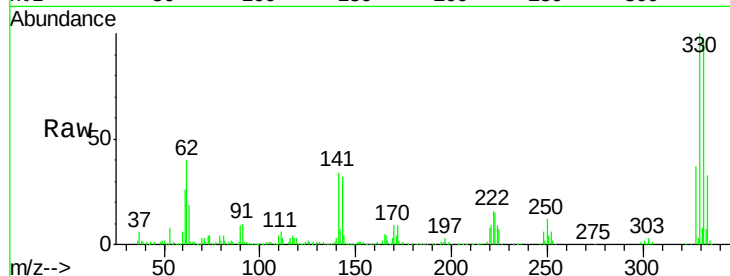




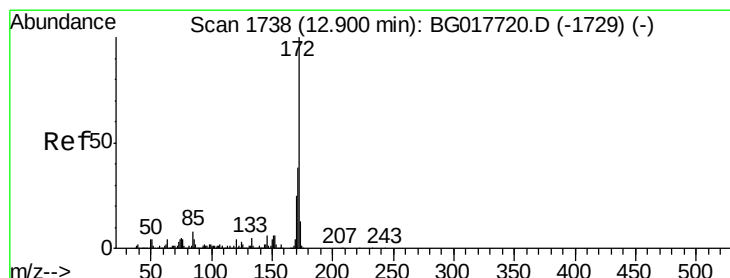
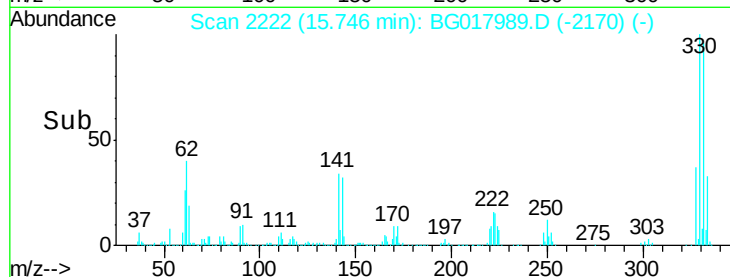
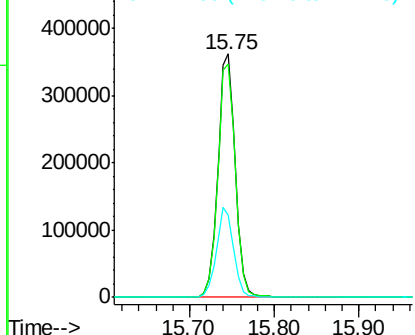
#41
 2,4,6-Tribromophenol
 Concen: 134.09 ng
 RT: 15.75 min Scan# 2222
 Delta R.T. 0.00 min
 Lab File: BG017989.D
 Acq: 20 Jul 2015 15:16

Instrument :
 BNA_G
 ClientSampleId :
 BRIDGE14-4(0-2)

Tgt Ion:330 Resp: 524193
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.8 115.2
 141 36.6 38.0 57.0#

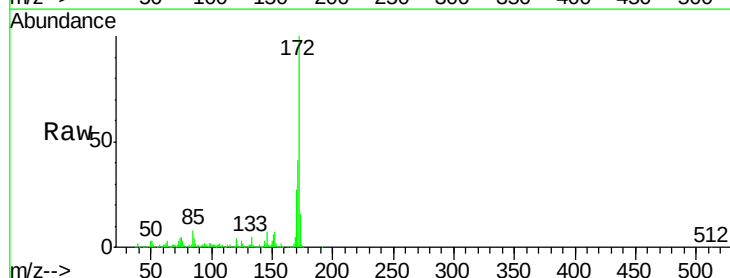


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

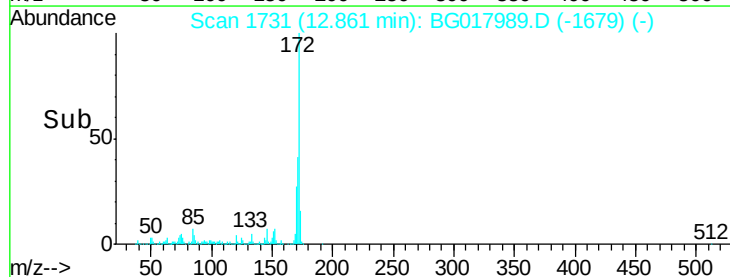
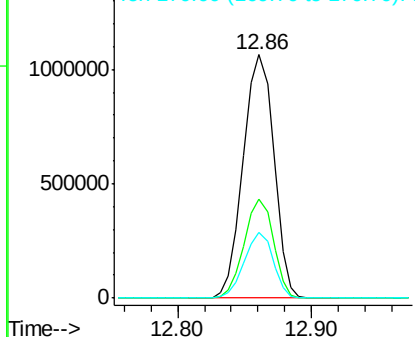


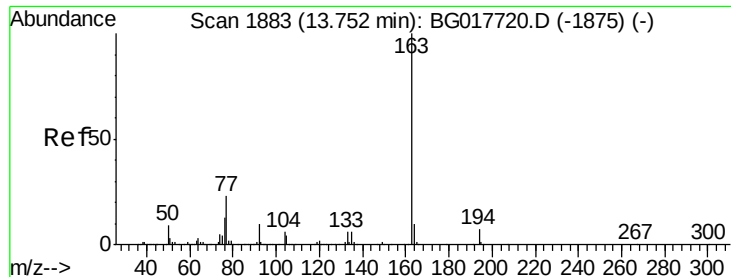
#44
 2-Fluorobiphenyl
 Concen: 76.00 ng
 RT: 12.86 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: BG017989.D
 Acq: 20 Jul 2015 15:16

Tgt Ion:172 Resp: 1692266
 Ion Ratio Lower Upper
 172 100
 171 40.8 30.7 46.1
 170 26.8 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: 14.04 ng

RT: 13.71 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BG017989.D

Acq: 20 Jul 2015 15:16

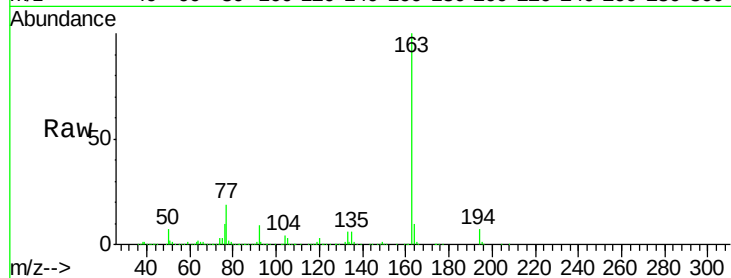
Instrument :

BNA_G

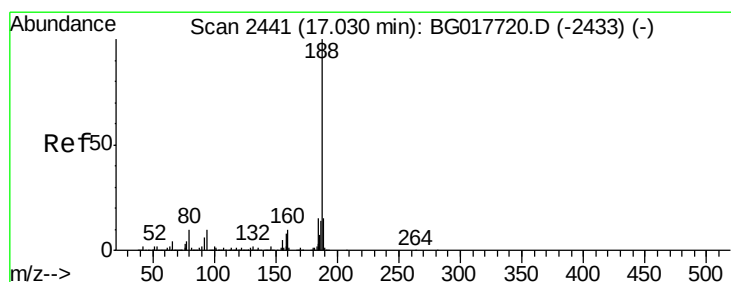
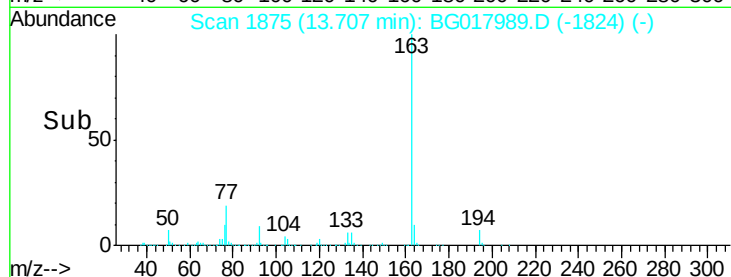
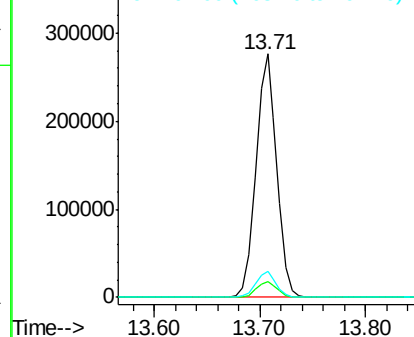
ClientSampleId :

BRIDGE14-4(0-2)

Tgt Ion:	163	Resp:	376404
Ion	Ratio	Lower	Upper
163	100		
194	6.5	5.8	8.6
164	10.4	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

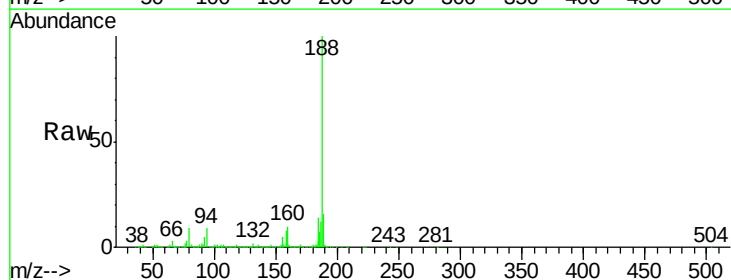
RT: 17.00 min Scan# 2435

Delta R.T. -0.00 min

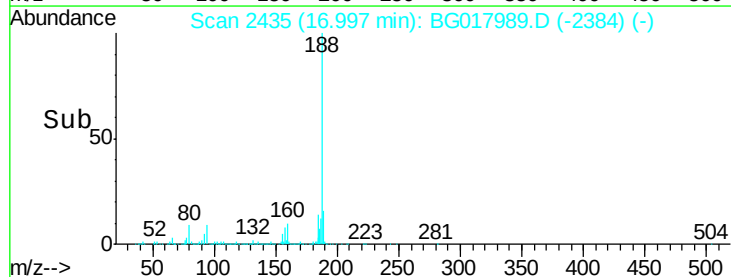
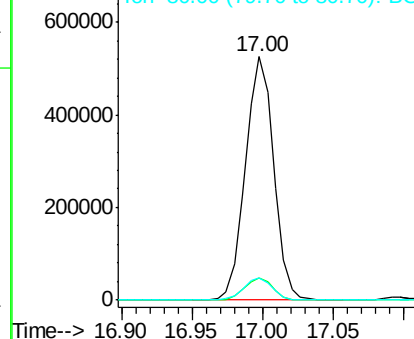
Lab File: BG017989.D

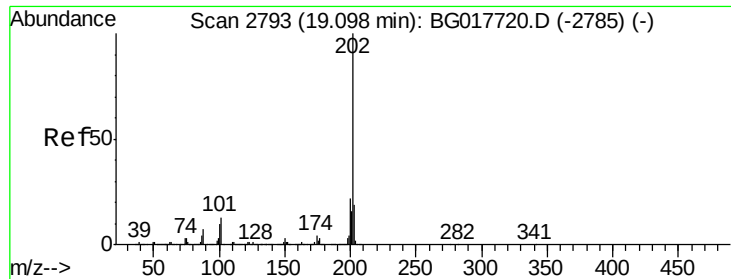
Acq: 20 Jul 2015 15:16

Tgt Ion:	188	Resp:	733841
Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.2	12.2
80	9.2	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: 2.63 ng

RT: 19.07 min Scan# 2787

Delta R.T. 0.00 min

Lab File: BG017989.D

Acq: 20 Jul 2015 15:16

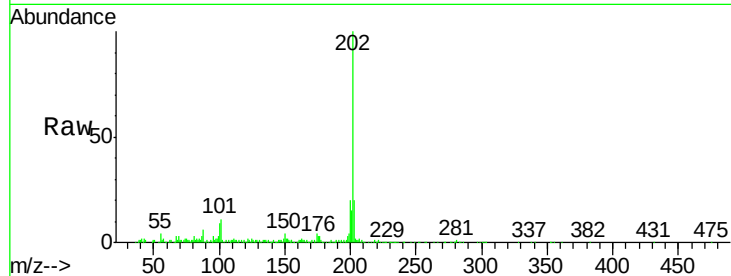
Instrument :

BNA_G

ClientSampleId :

BRIDGE14-4(0-2)

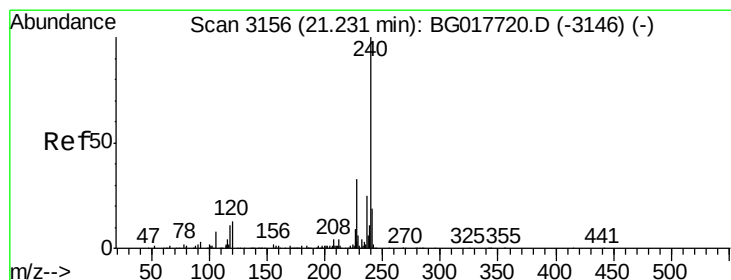
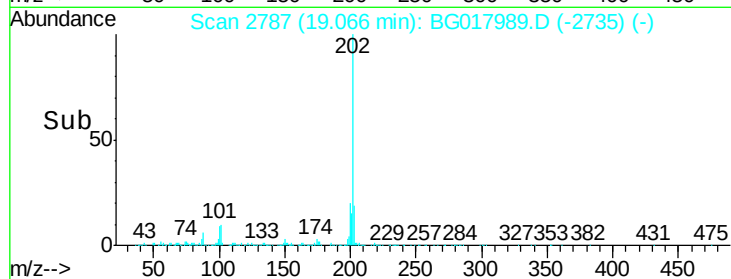
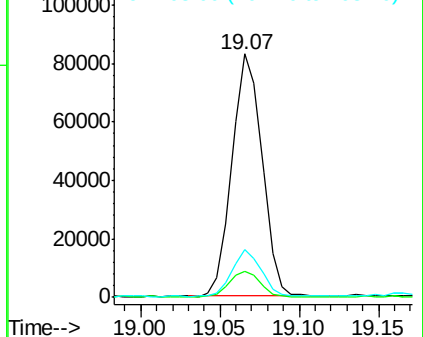
Tgt Ion:	202	Resp:	108977
Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	33.3
203	19.6	0.0	39.5



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

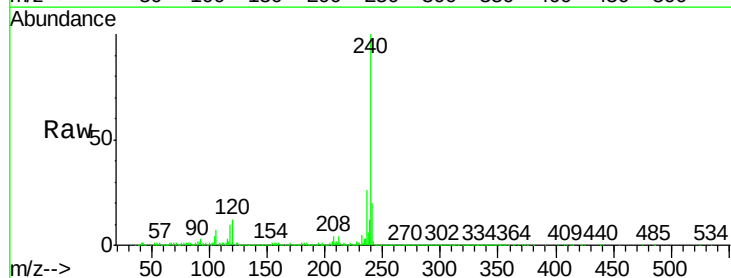
RT: 21.20 min Scan# 3151

Delta R.T. 0.00 min

Lab File: BG017989.D

Acq: 20 Jul 2015 15:16

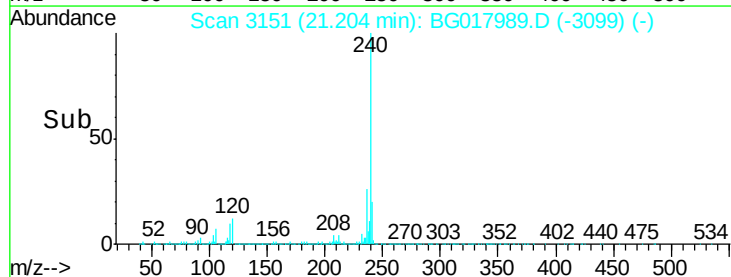
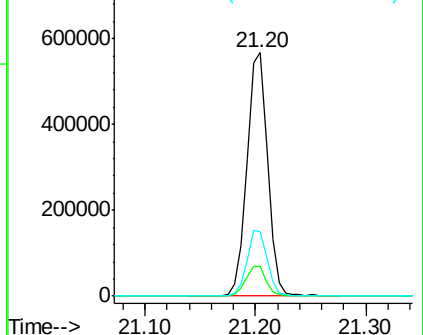
Tgt Ion:	240	Resp:	748835
Ion	Ratio	Lower	Upper
240	100		
120	12.0	10.8	16.2
236	26.4	20.0	30.0

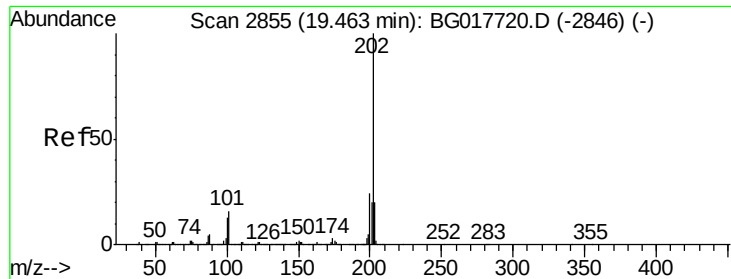


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

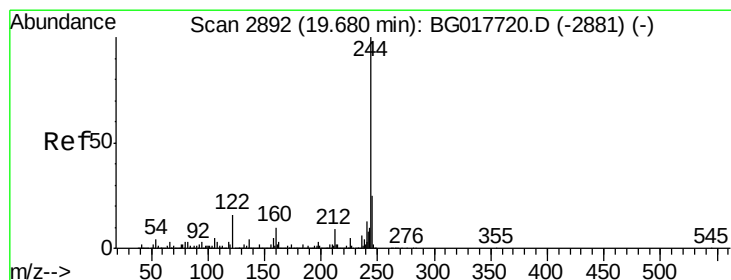
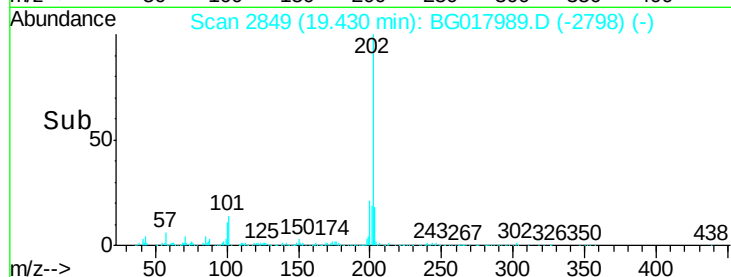
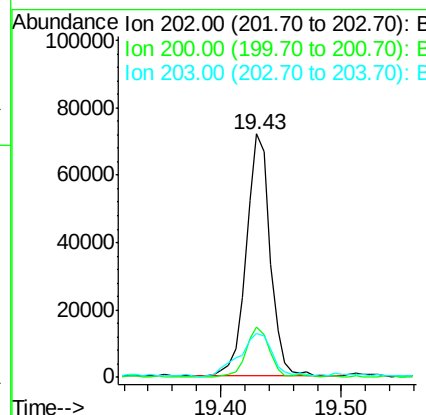
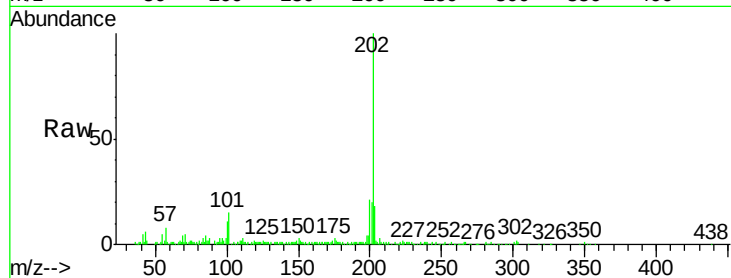




#77
 Pyrene
 Concen: 2.39 ng
 RT: 19.43 min Scan# 2849
 Delta R.T. -0.00 min
 Lab File: BG017989.D
 Acq: 20 Jul 2015 15:16

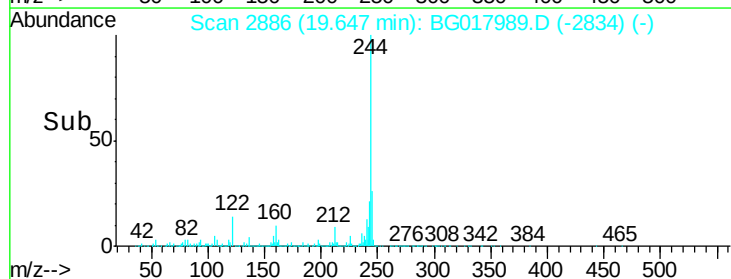
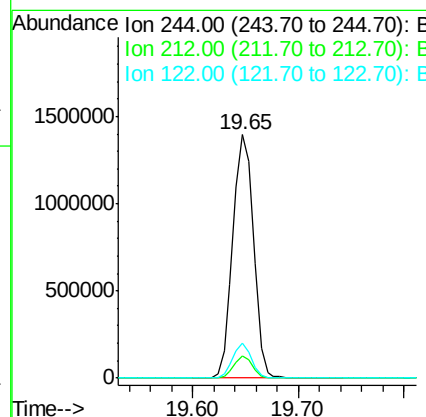
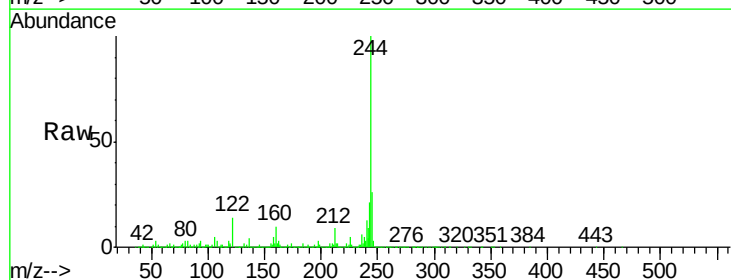
Instrument :
 BNA_G
 ClientSampleId :
 BRIDGE14-4(0-2)

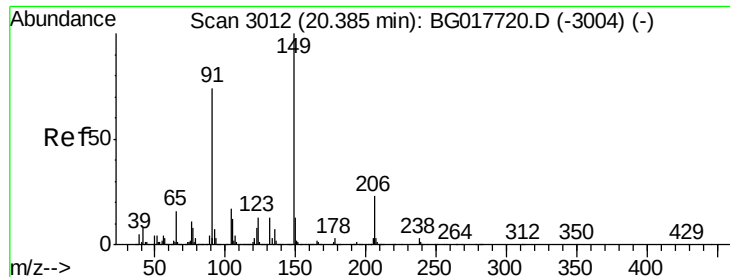
Tgt Ion:	202	Resp:	100009
Ion	Ratio	Lower	Upper
202	100		
200	20.9	18.8	28.2
203	18.1	15.9	23.9



#78
 Terphenyl-d14
 Concen: 63.48 ng
 RT: 19.65 min Scan# 2886
 Delta R.T. 0.00 min
 Lab File: BG017989.D
 Acq: 20 Jul 2015 15:16

Tgt Ion:	244	Resp:	1887229
Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.2	10.8
122	14.4	12.8	19.2

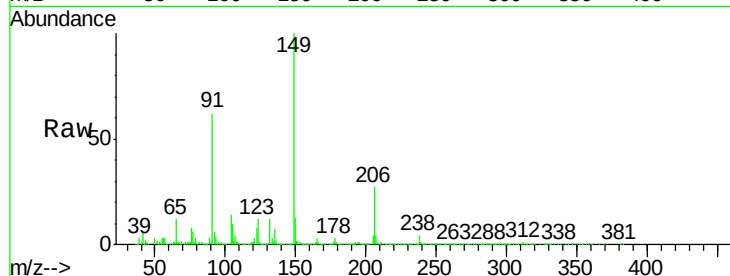




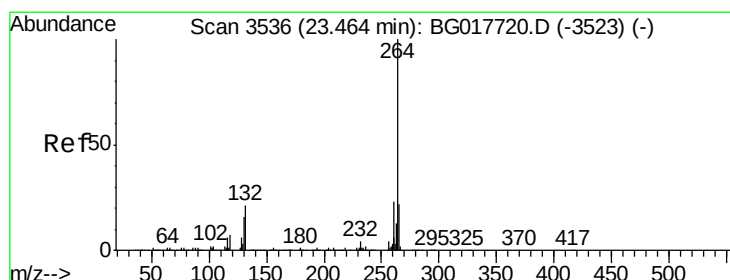
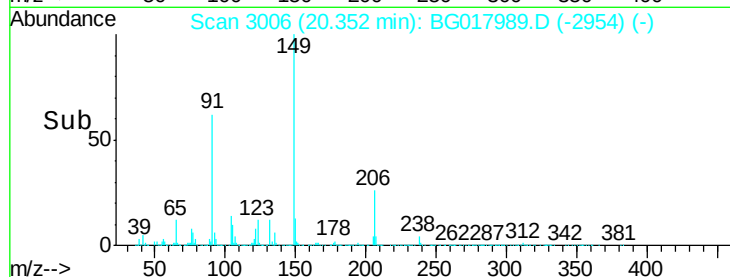
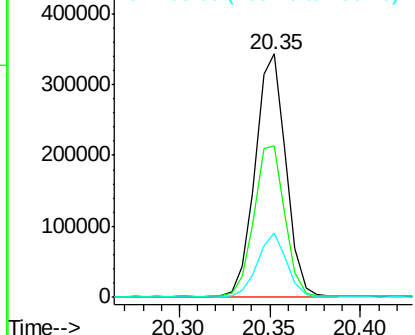
#79
Butylbenzylphthalate
Concen: 21.56 ng
RT: 20.35 min Scan# 3006
Delta R.T. 0.00 min
Lab File: BG017989.D
Acq: 20 Jul 2015 15:16

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-4(0-2)

Tgt Ion:149 Resp: 403215
Ion Ratio Lower Upper
149 100
91 62.3 59.5 89.3
206 26.5 18.5 27.7

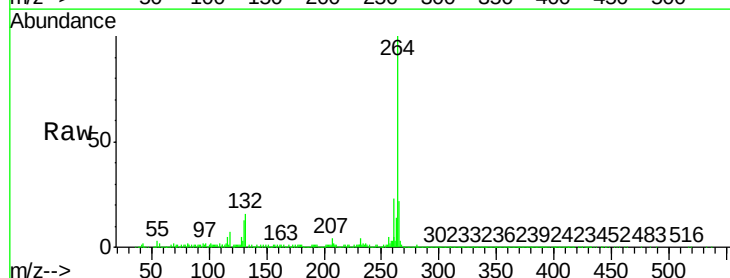


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.43 min Scan# 3530
Delta R.T. 0.01 min
Lab File: BG017989.D
Acq: 20 Jul 2015 15:16

Tgt Ion:264 Resp: 783461
Ion Ratio Lower Upper
264 100
260 23.3 18.6 27.8
265 22.1 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

