

Data Path : Z:\HPCHEM1\BNA_G\Data\BG072015\
 Data File : BG017992.D
 Acq On : 20 Jul 2015 17:03
 Operator : TP/UM
 Sample : G2975-13 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BRIDGE14-1(0-2)

Quant Time: Jul 20 18:56:44 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

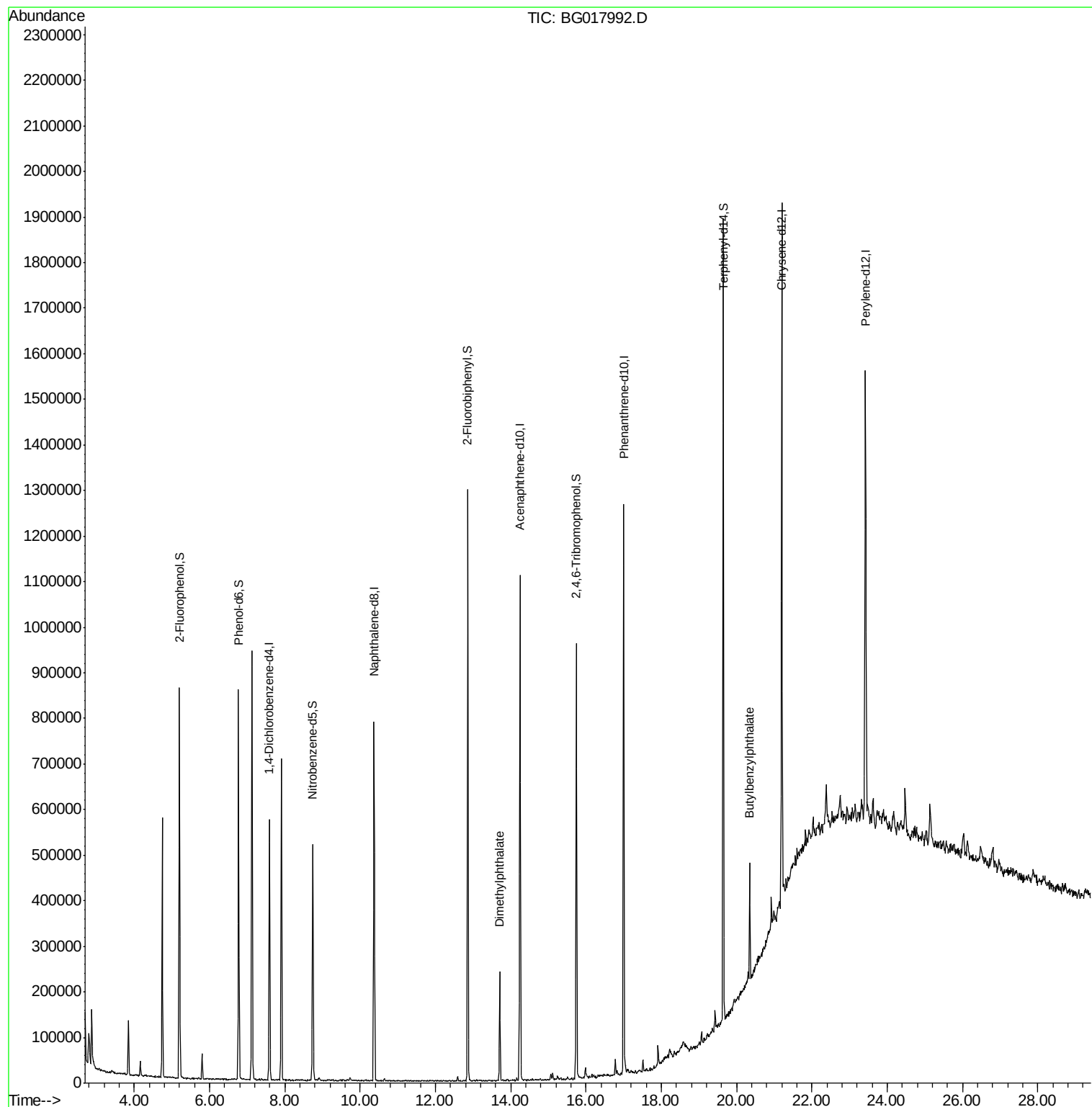
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	157288	20.00	ng	0.00
21) Naphthalene-d8	10.37	136	668779	20.00	ng	0.00
38) Acenaphthene-d10	14.24	164	386496	20.00	ng	0.00
63) Phenanthrene-d10	17.00	188	721263	20.00	ng	0.00
75) Chrysene-d12	21.20	240	724221	20.00	ng	0.00
86) Perylene-d12	23.42	264	744142	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	397829	44.12	ng	0.01
7) Phenol-d6	6.77	99	518003	43.85	ng	0.00
23) Nitrobenzene-d5	8.74	82	296704	28.73	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	173487	44.30	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	656627	29.44	ng	0.00
78) Terphenyl-d14	19.64	244	766771	26.67	ng	0.00
Target Compounds						
32) Benzoic acid	9.71	122	350	Below Cal	#	86
49) Dimethylphthalate	13.70	163	152000	5.66	ng	99
69) Pentachlorophenol	16.62	266	59	Below Cal	#	18
79) Butylbenzylphthalate	20.35	149	80541	4.45	ng	89

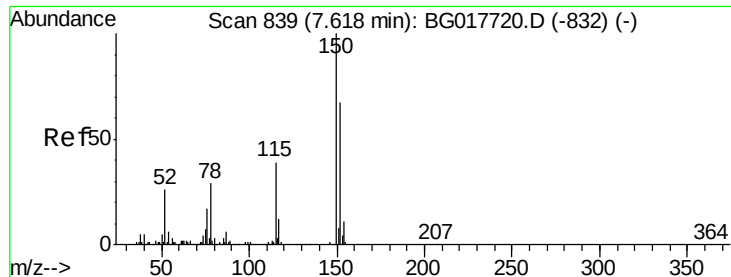
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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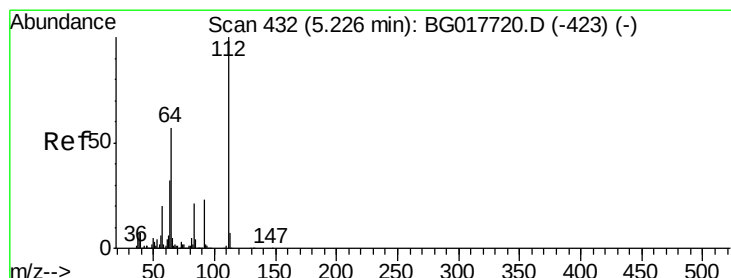
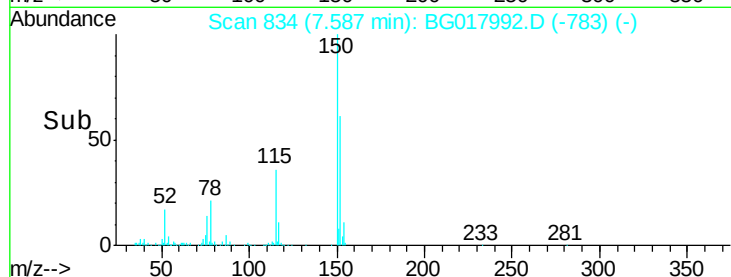
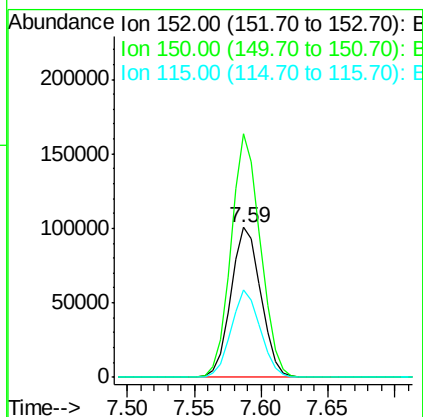
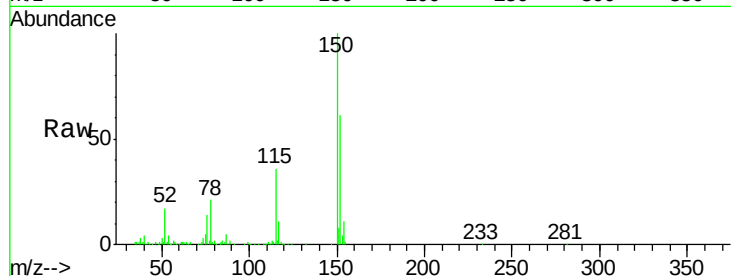


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.59 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG017992.D
Acq: 20 Jul 2015 17:03

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-1(0-2)

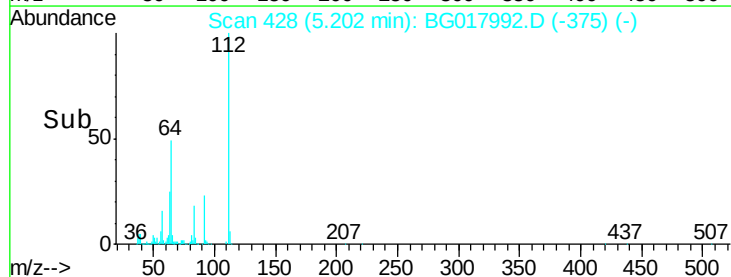
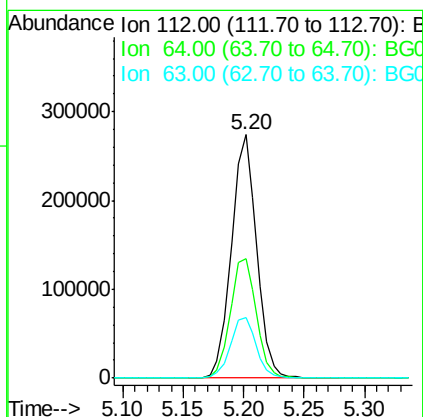
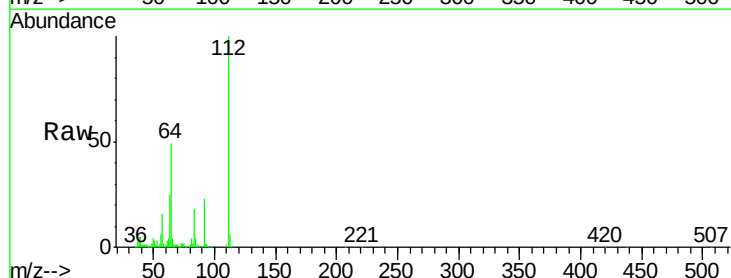
Tgt Ion:152 Resp: 157288
Ion Ratio Lower Upper
152 100
150 162.8 119.1 178.7
115 58.8 47.0 70.4

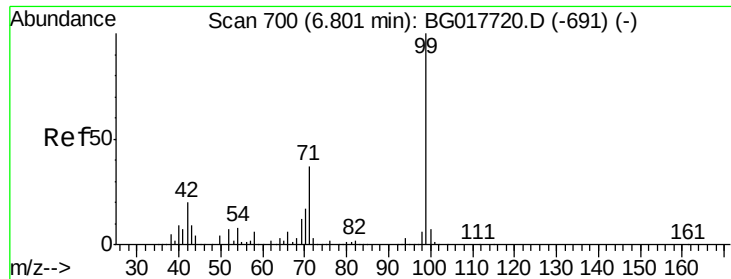


#5

2-Fluorophenol
Concen: 44.12 ng
RT: 5.20 min Scan# 428
Delta R.T. 0.01 min
Lab File: BG017992.D
Acq: 20 Jul 2015 17:03

Tgt Ion:112 Resp: 397829
Ion Ratio Lower Upper
112 100
64 49.0 45.4 68.0
63 25.0 25.3 37.9#





#7

Phenol-d6

Concen: 43.85 ng

RT: 6.77 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG017992.D

Acq: 20 Jul 2015 17:03

Instrument :

BNA_G

ClientSampleId :

BRIDGE14-1(0-2)

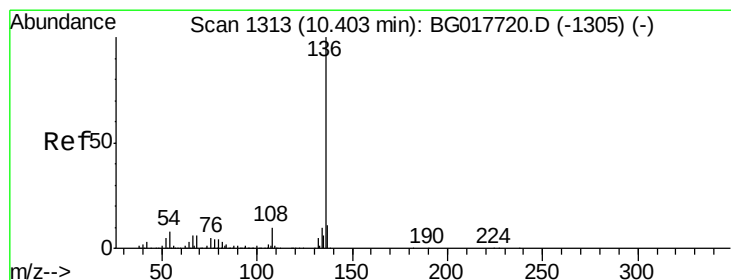
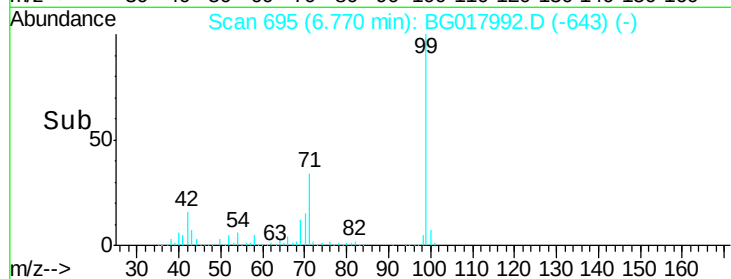
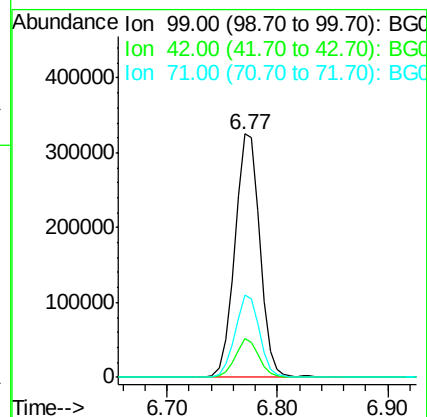
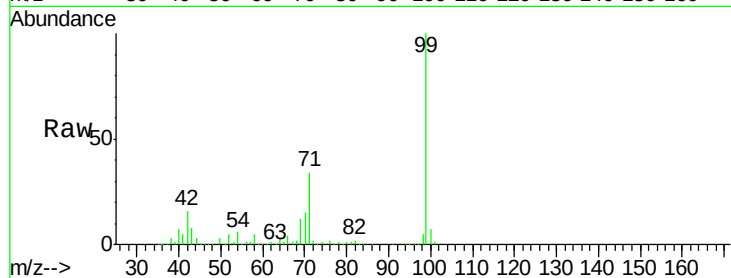
Tgt Ion: 99 Resp: 518003

Ion Ratio Lower Upper

99 100

42 16.0 16.2 24.4#

71 33.8 29.5 44.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.37 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BG017992.D

Acq: 20 Jul 2015 17:03

Tgt Ion: 136 Resp: 668779

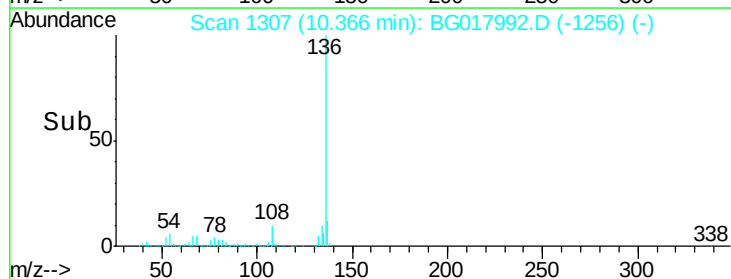
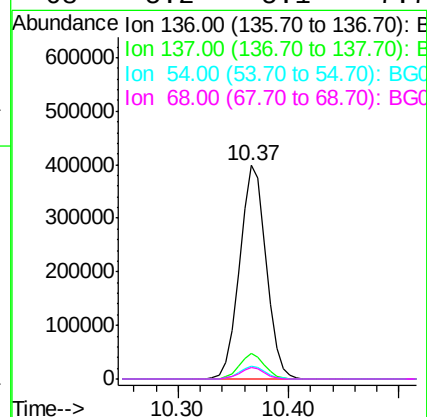
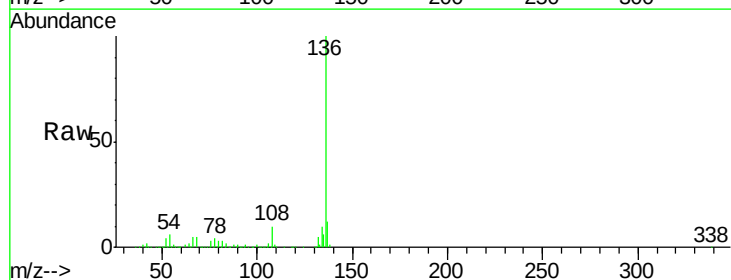
Ion Ratio Lower Upper

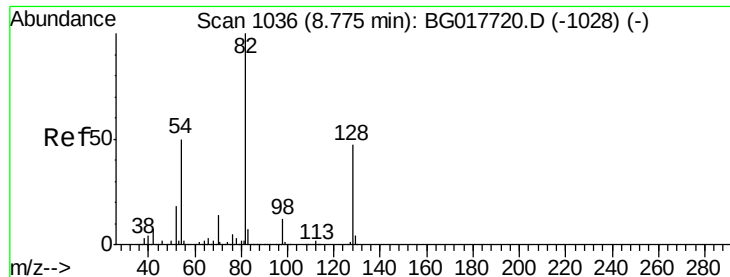
136 100

137 11.7 8.8 13.2

54 5.8 6.6 9.8#

68 5.2 5.1 7.7

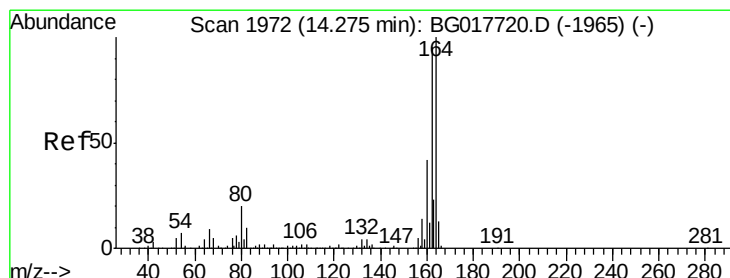
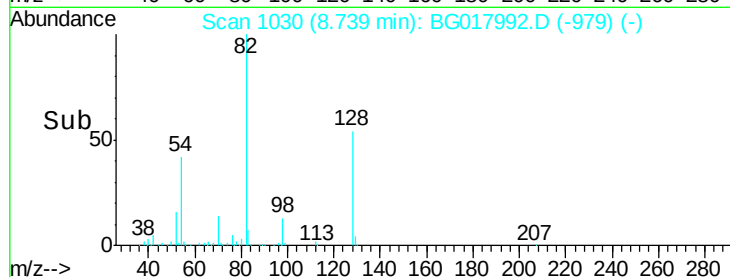
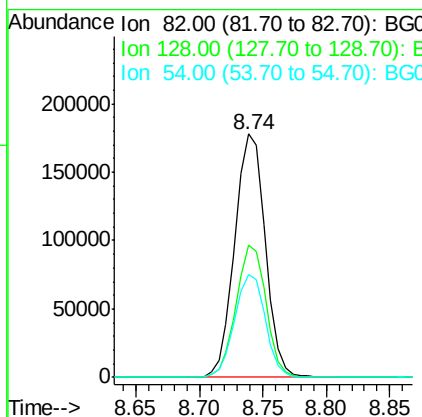
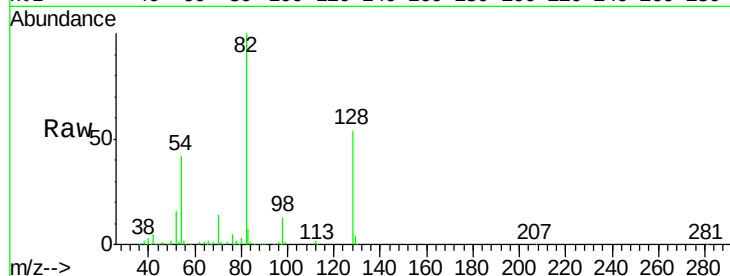




#23
 Nitrobenzene-d5
 Concen: 28.73 ng
 RT: 8.74 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BG017992.D
 Acq: 20 Jul 2015 17:03

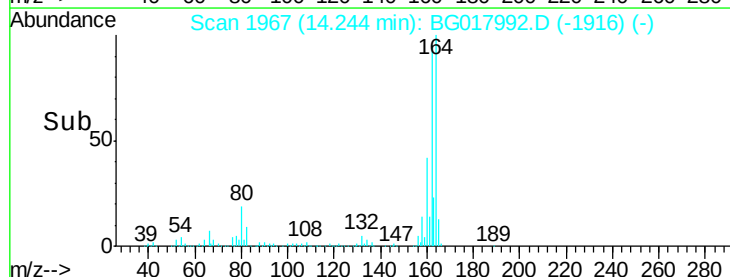
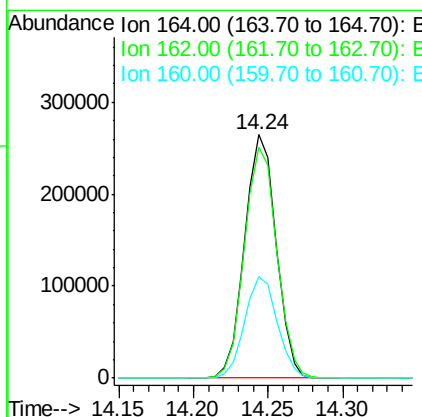
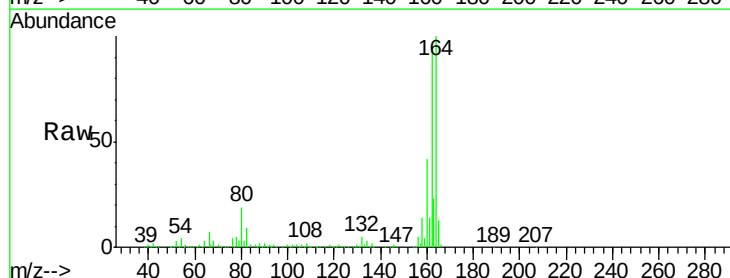
Instrument :
 BNA_G
 ClientSampleId :
 BRIDGE14-1(0-2)

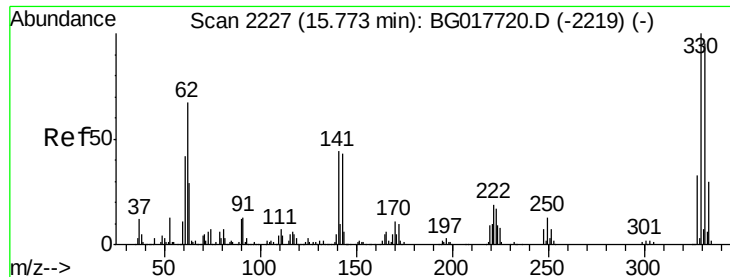
Tgt Ion	Ratio	Lower	Upper
82	100		
128	54.5	37.8	56.6
54	42.2	39.9	59.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.24 min Scan# 1967
 Delta R.T. -0.00 min
 Lab File: BG017992.D
 Acq: 20 Jul 2015 17:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.9	76.3	114.5
160	41.6	33.7	50.5

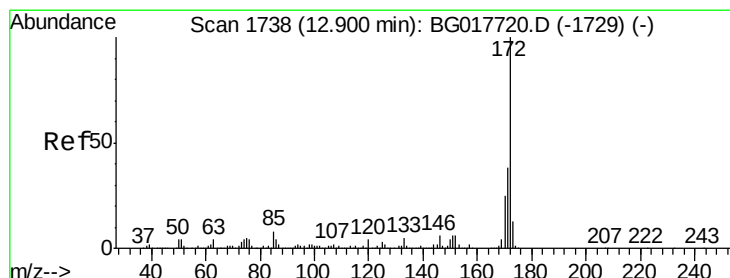
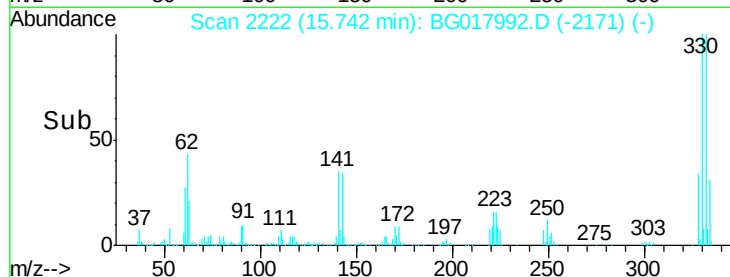
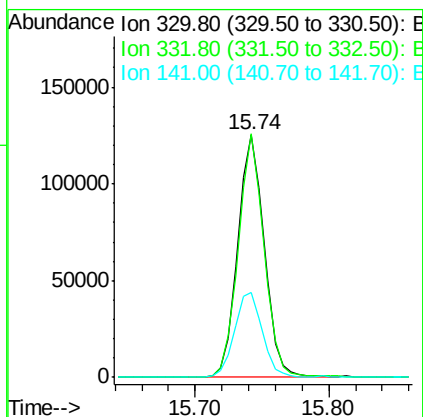
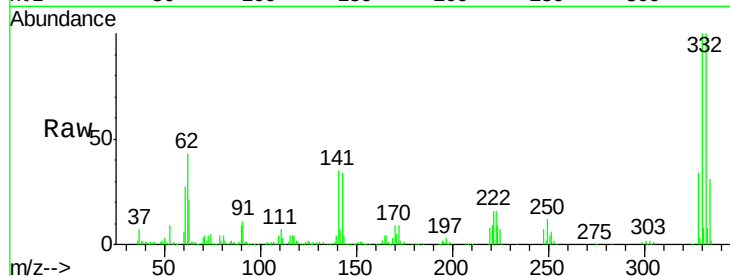




#41
 2,4,6-Tribromophenol
 Concen: 44.30 ng
 RT: 15.74 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG017992.D
 Acq: 20 Jul 2015 17:03

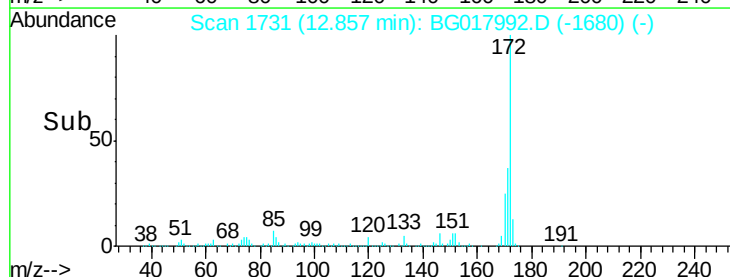
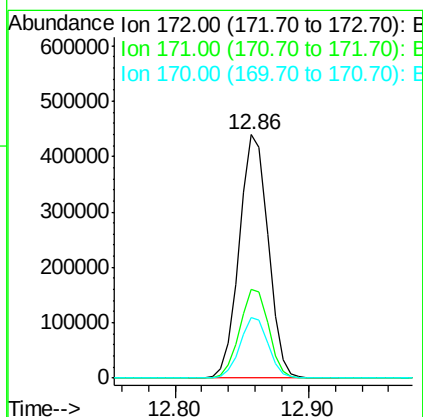
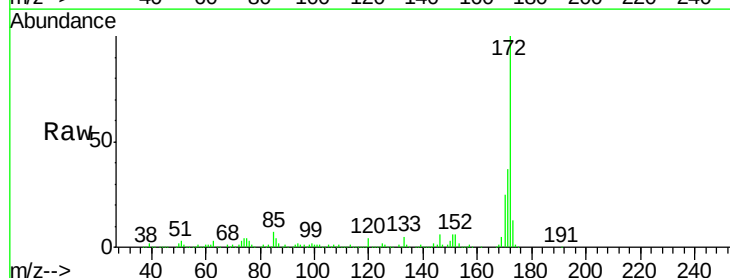
Instrument :
 BNA_G
 ClientSampleId :
 BRIDGE14-1(0-2)

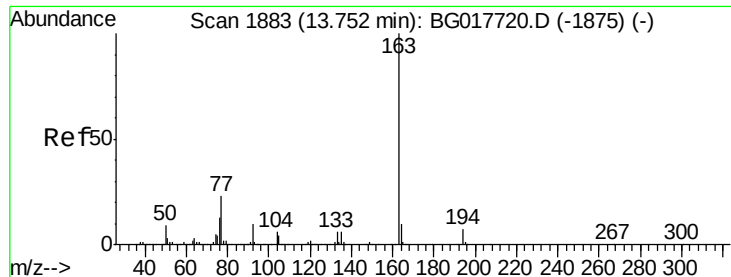
Tgt Ion: 330 Resp: 173487
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.8 115.2
 141 36.6 38.0 57.0#



#44
 2-Fluorobiphenyl
 Concen: 29.44 ng
 RT: 12.86 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: BG017992.D
 Acq: 20 Jul 2015 17:03

Tgt Ion: 172 Resp: 656627
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.7 46.1
 170 24.7 19.7 29.5





#49

Dimethylphthalate

Concen: 5.66 ng

RT: 13.70 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG017992.D

Acq: 20 Jul 2015 17:03

Instrument :

BNA_G

ClientSampleId :

BRIDGE14-1(0-2)

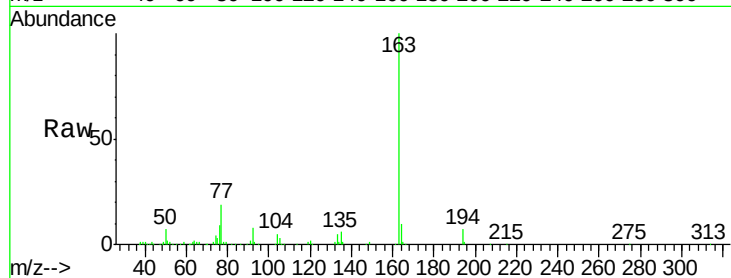
Tgt Ion:163 Resp: 152000

Ion Ratio Lower Upper

163 100

194 7.0 5.8 8.6

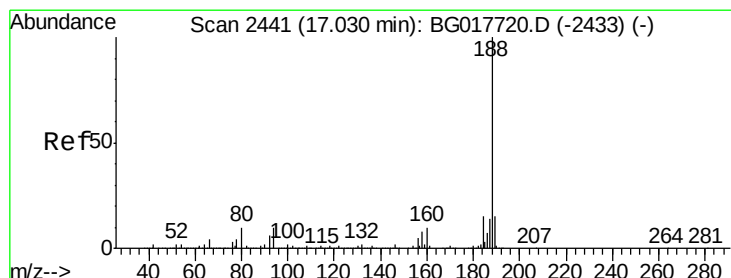
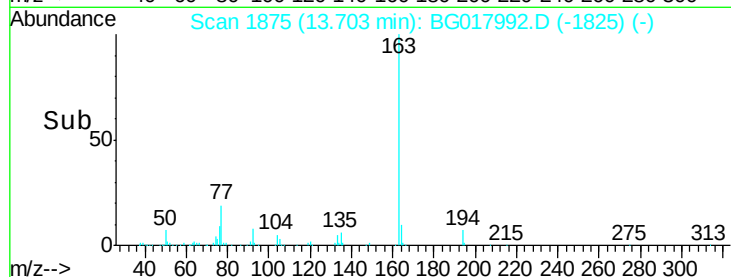
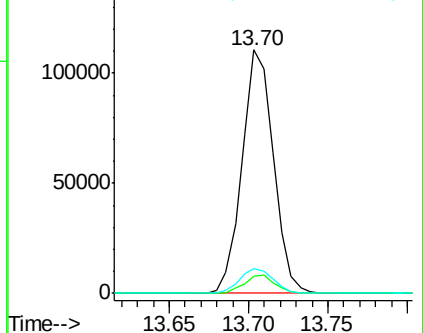
164 10.2 8.3 12.5



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: BG017992.D

Acq: 20 Jul 2015 17:03

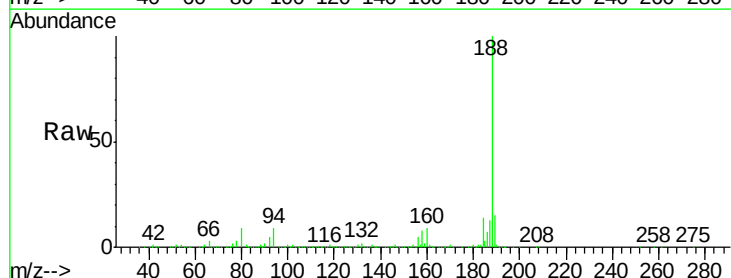
Tgt Ion:188 Resp: 721263

Ion Ratio Lower Upper

188 100

94 8.8 8.2 12.2

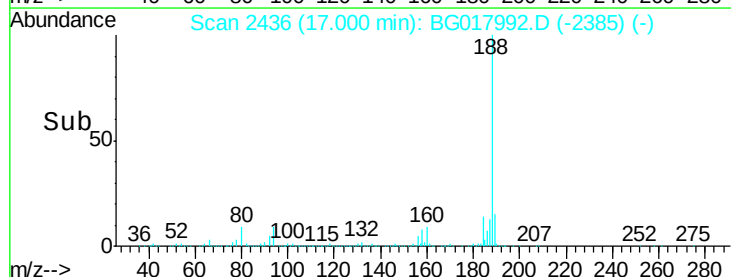
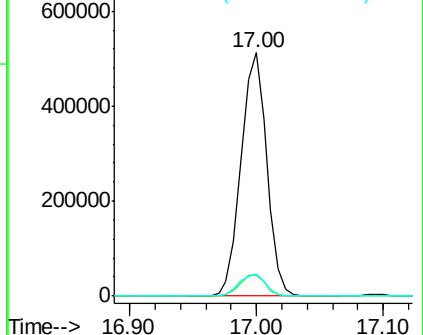
80 9.3 8.2 12.4

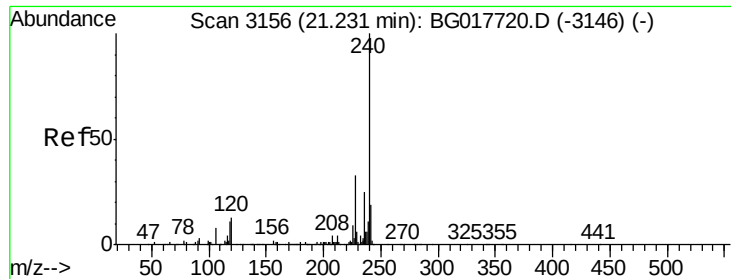


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

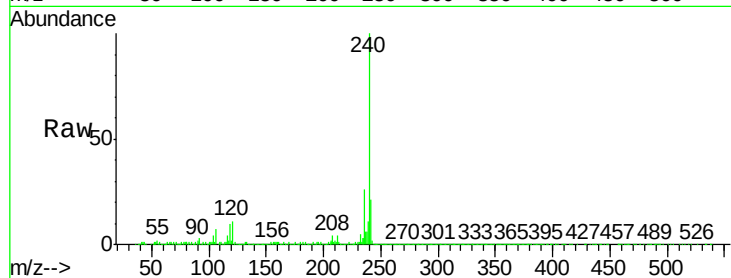




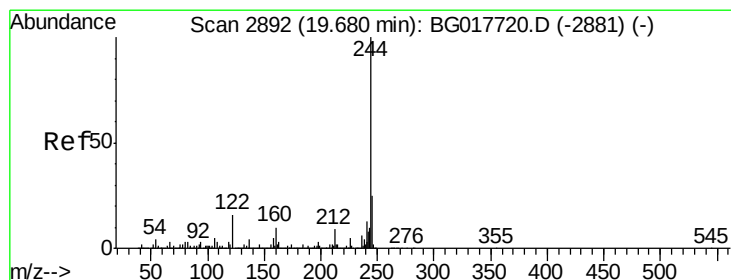
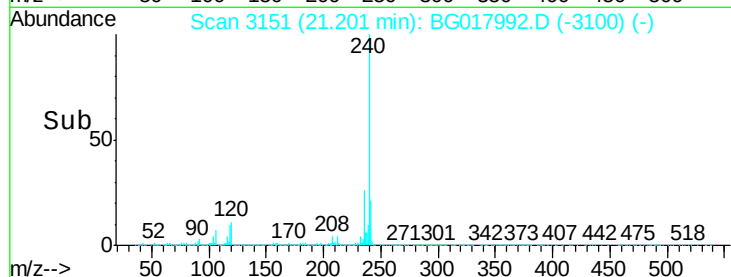
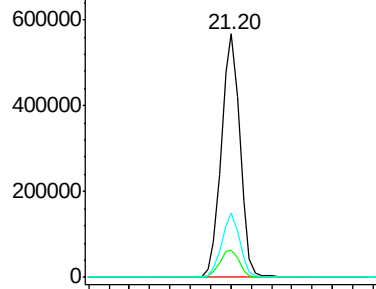
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.20 min Scan# 3151
 Delta R.T. -0.00 min
 Lab File: BG017992.D
 Acq: 20 Jul 2015 17:03

Instrument :
 BNA_G
 ClientSampleId :
 BRIDGE14-1(0-2)

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.4	10.8	16.2
236	26.2	20.0	30.0

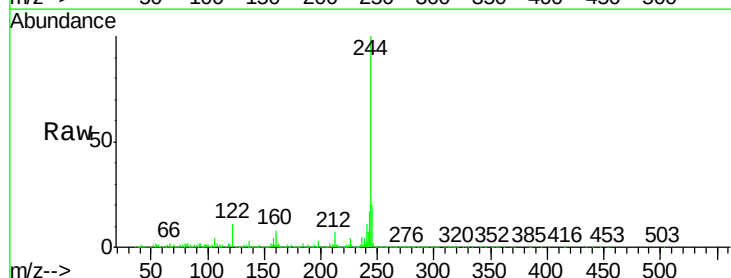


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

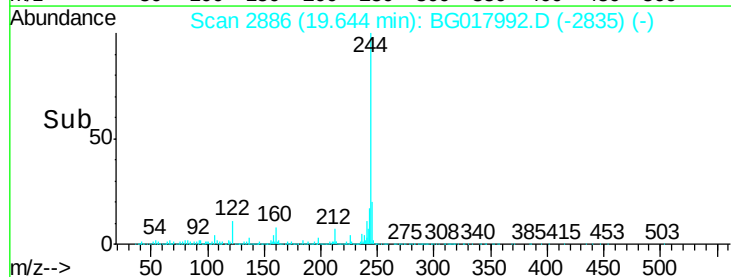
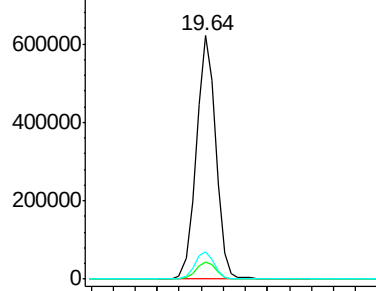


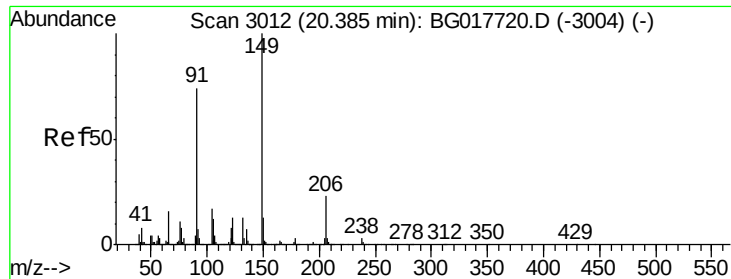
#78
 Terphenyl-d14
 Concen: 26.67 ng
 RT: 19.64 min Scan# 2886
 Delta R.T. -0.00 min
 Lab File: BG017992.D
 Acq: 20 Jul 2015 17:03

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	7.2	10.8#
122	11.2	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

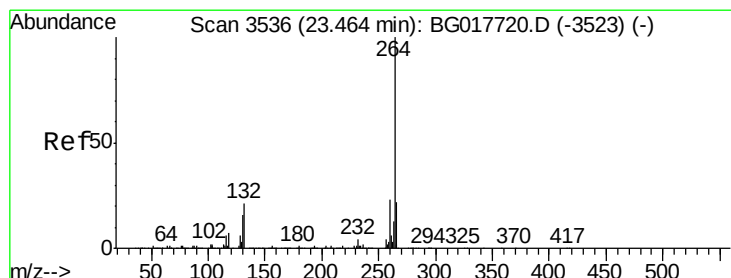
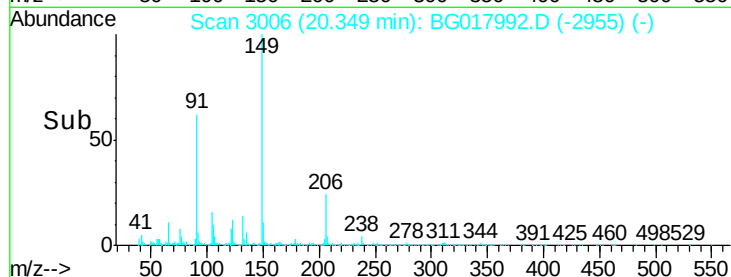
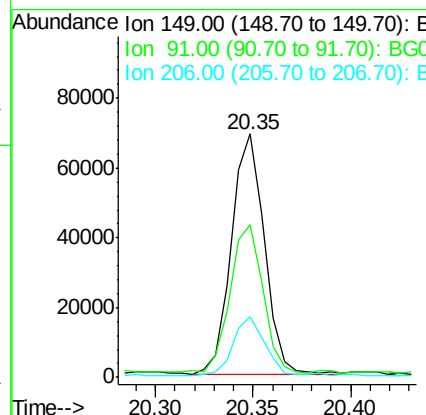
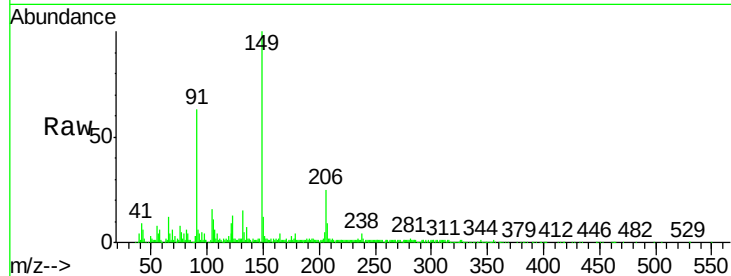




#79
Butylbenzylphthalate
Concen: 4.45 ng
RT: 20.35 min Scan# 3006
Delta R.T. -0.00 min
Lab File: BG017992.D
Acq: 20 Jul 2015 17:03

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-1(0-2)

Tgt Ion:149 Resp: 80541
Ion Ratio Lower Upper
149 100
91 62.8 59.5 89.3
206 25.1 18.5 27.7



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.42 min Scan# 3529
Delta R.T. 0.00 min
Lab File: BG017992.D
Acq: 20 Jul 2015 17:03

Tgt Ion:264 Resp: 744142
Ion Ratio Lower Upper
264 100
260 24.4 18.6 27.8
265 22.7 18.2 27.2

