

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072015\
 Data File : BG017996.D
 Acq On : 20 Jul 2015 19:26
 Operator : TP/UM
 Sample : G2975-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AB-SLOPE-FAIL-4(0-2)

Quant Time: Jul 20 19:57:55 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

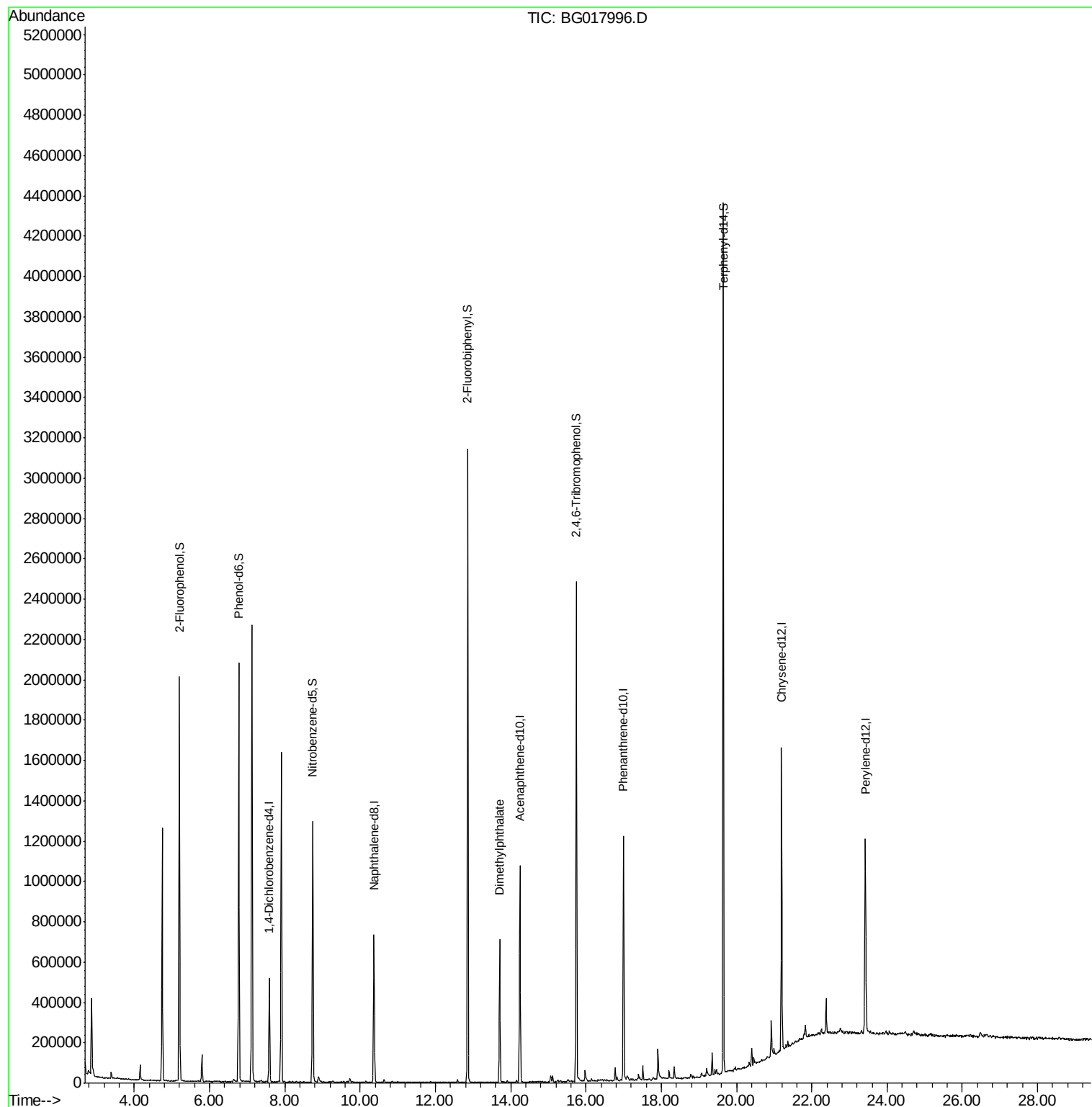
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	150601	20.00	ng	0.00
21) Naphthalene-d8	10.37	136	630222	20.00	ng	0.00
38) Acenaphthene-d10	14.25	164	372582	20.00	ng	0.00
63) Phenanthrene-d10	17.00	188	733105	20.00	ng	0.00
75) Chrysene-d12	21.20	240	724765	20.00	ng	0.00
86) Perylene-d12	23.43	264	729504	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	945377	109.51	ng	0.02
7) Phenol-d6	6.78	99	1225365	108.34	ng	0.01
23) Nitrobenzene-d5	8.74	82	728126	74.83	ng	0.00
41) 2,4,6-Tribromophenol	15.75	330	468953	124.23	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	1572327	73.13	ng	0.00
78) Terphenyl-d14	19.65	244	1743818	60.61	ng	0.00
Target Compounds						
32) Benzoic acid	9.81	122	62	Below Cal		Qvalue 97
49) Dimethylphthalate	13.71	163	465191	17.97	ng	99
53) 2,4-Dinitrophenol	14.45	184	54	Below Cal	#	24
64) 4,6-Dinitro-2-methylphenol	15.11	198	57	Below Cal	#	1

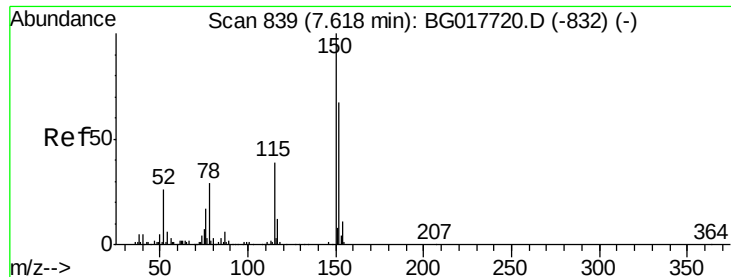
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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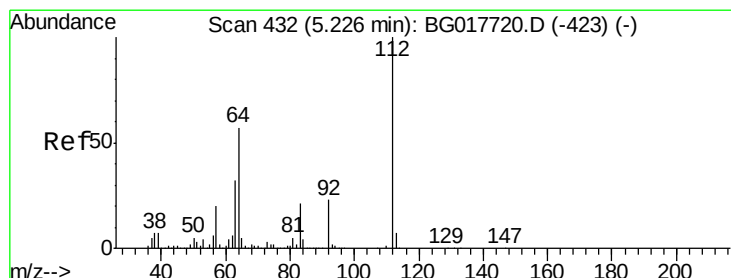
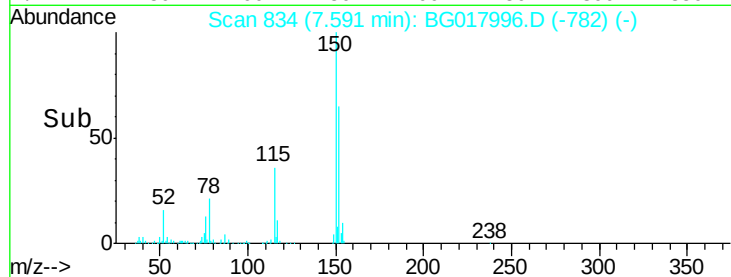
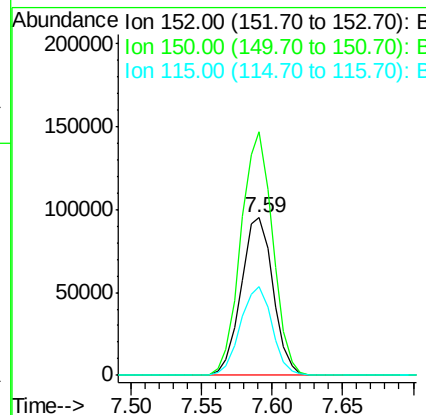
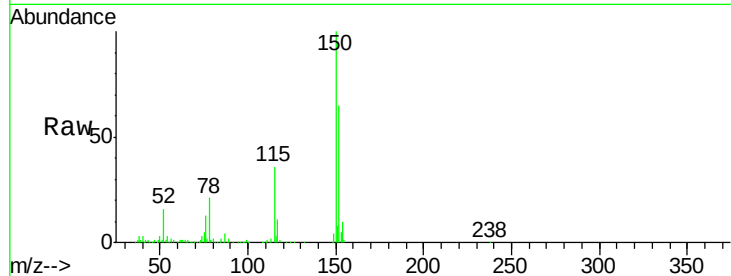


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.59 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG017996.D
Acq: 20 Jul 2015 19:26

Instrument :
BNA_G
ClientSampleId :
AB-SLOPE-FAIL-4(0-2)

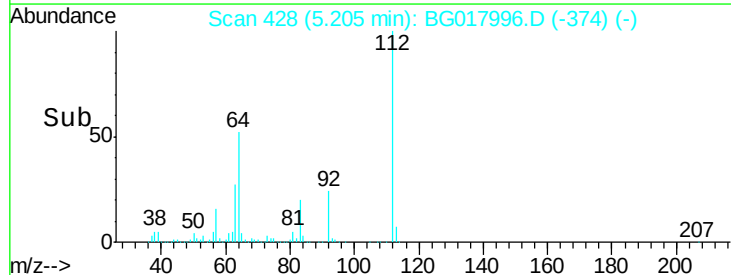
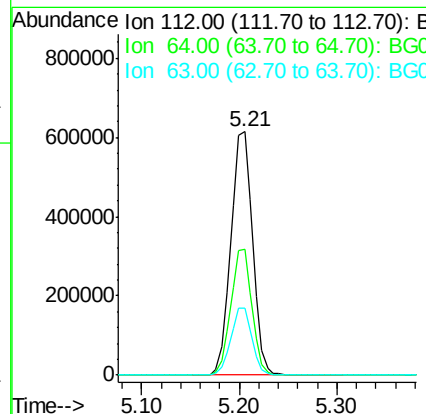
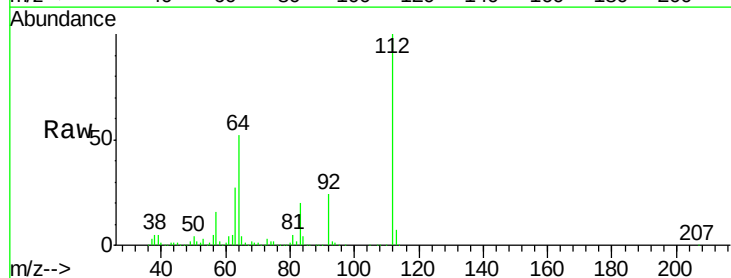
Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.8	119.1	178.7
115	56.4	47.0	70.4

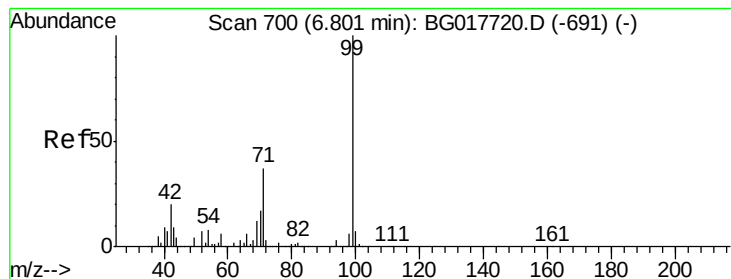


#5

2-Fluorophenol
Concen: 109.51 ng
RT: 5.21 min Scan# 428
Delta R.T. 0.02 min
Lab File: BG017996.D
Acq: 20 Jul 2015 19:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.8	45.4	68.0
63	27.5	25.3	37.9





#7

Phenol-d6

Concen: 108.34 ng

RT: 6.78 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG017996.D

Acq: 20 Jul 2015 19:26

Instrument :

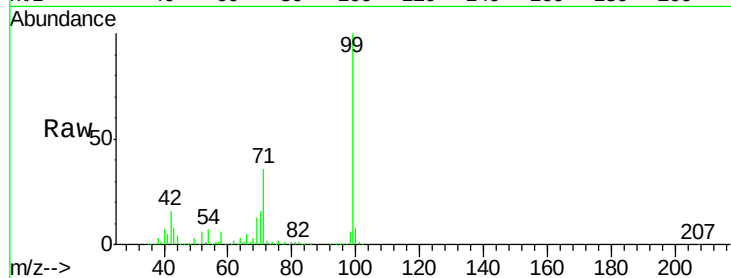
BNA_G

ClientSampleId :

AB-SLOPE-FAIL-4(0-2)

Tgt Ion: 99 Resp: 1225365

Ion	Ratio	Lower	Upper
99	100		
42	16.5	16.2	24.4
71	36.4	29.5	44.3

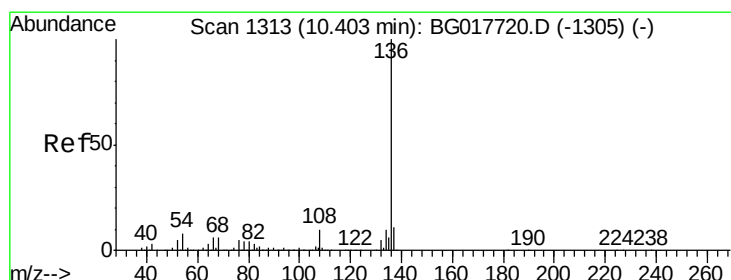
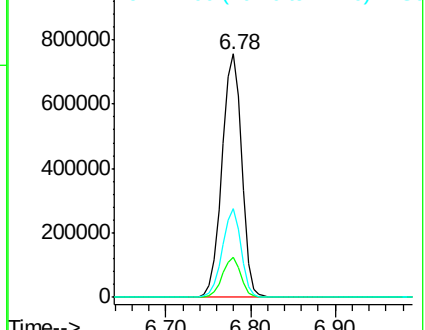
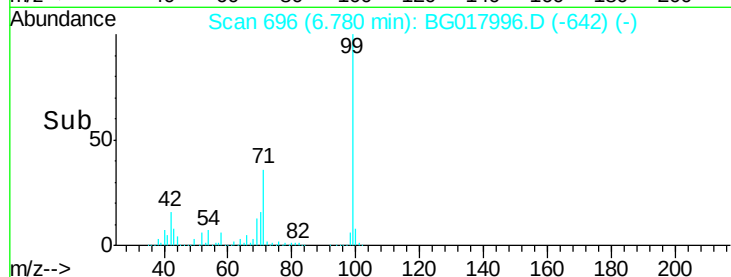


Abundance

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

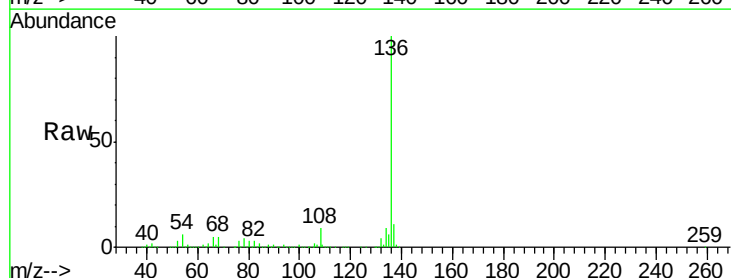
Delta R.T. 0.00 min

Lab File: BG017996.D

Acq: 20 Jul 2015 19:26

Tgt Ion: 136 Resp: 630222

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	5.8	6.6	9.8#
68	5.1	5.1	7.7



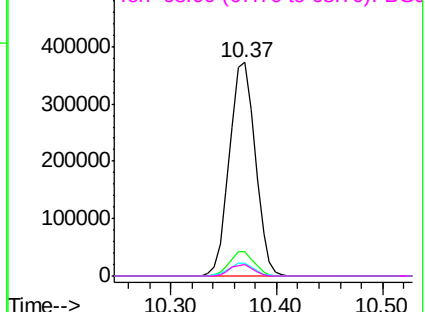
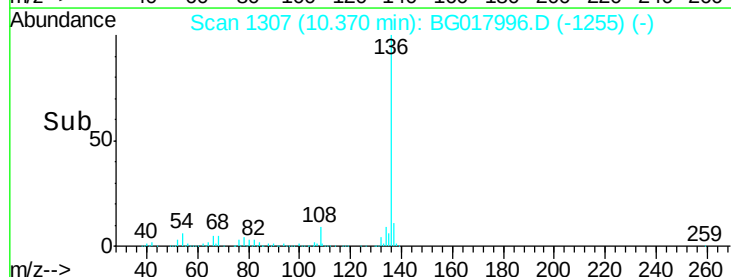
Abundance

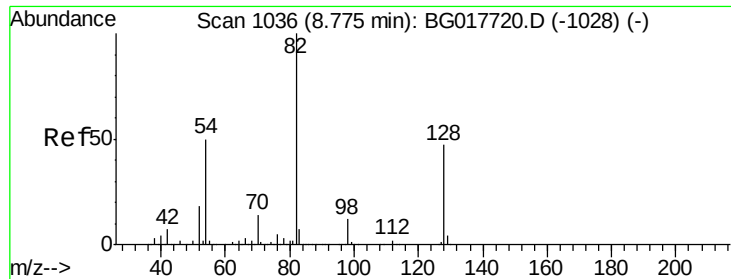
Ion 136.00 (135.70 to 136.70): BGC

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

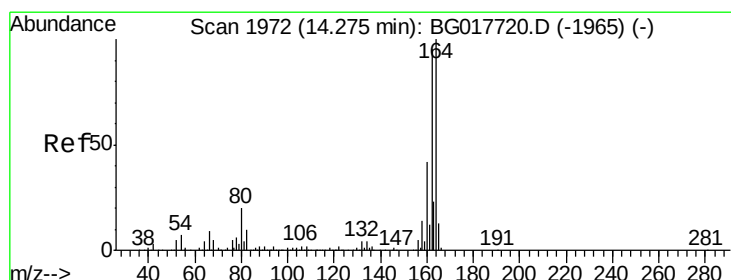
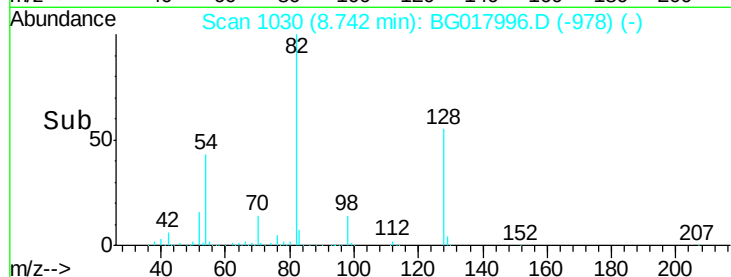
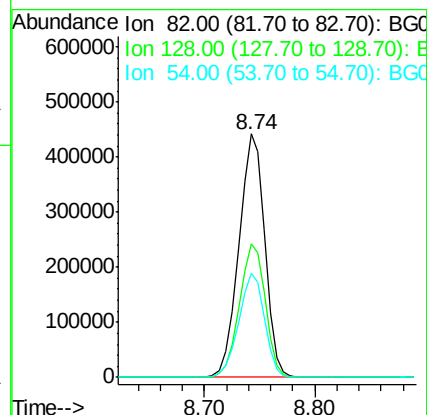
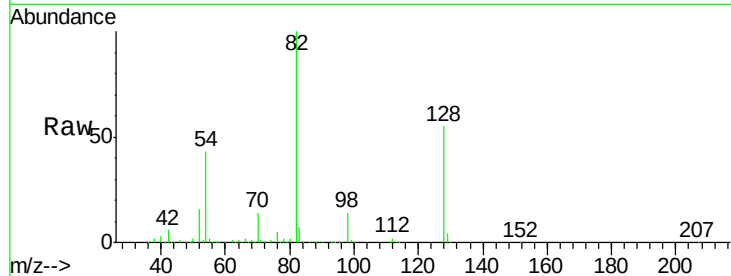




#23
Nitrobenzene-d5
Concen: 74.83 ng
RT: 8.74 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BG017996.D
Acq: 20 Jul 2015 19:26

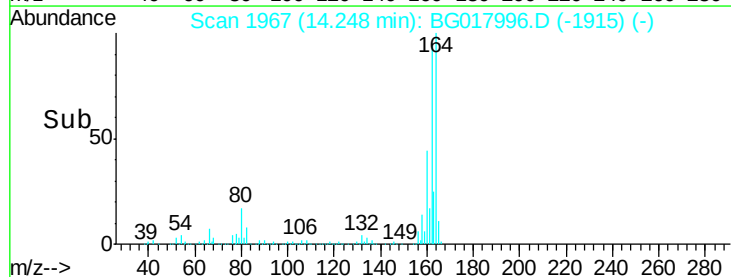
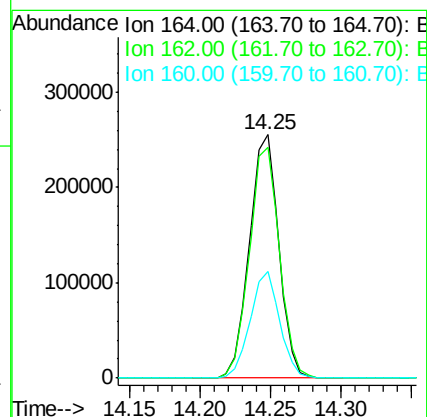
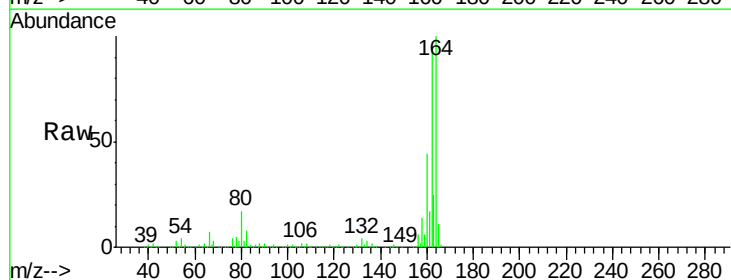
Instrument :
BNA_G
ClientSampleId :
AB-SLOPE-FAIL-4(0-2)

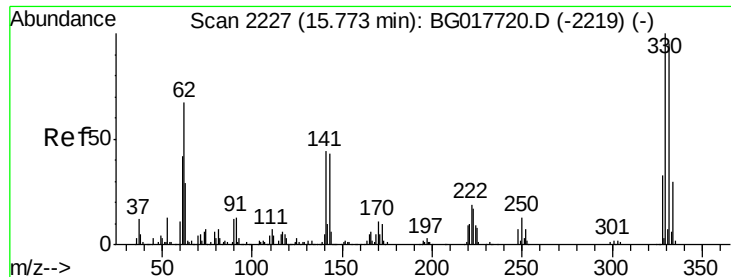
Tgt Ion	Ratio	Lower	Upper
82	100		
128	54.9	37.8	56.6
54	43.0	39.9	59.9



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.25 min Scan# 1967
Delta R.T. 0.00 min
Lab File: BG017996.D
Acq: 20 Jul 2015 19:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.7	76.3	114.5
160	43.6	33.7	50.5

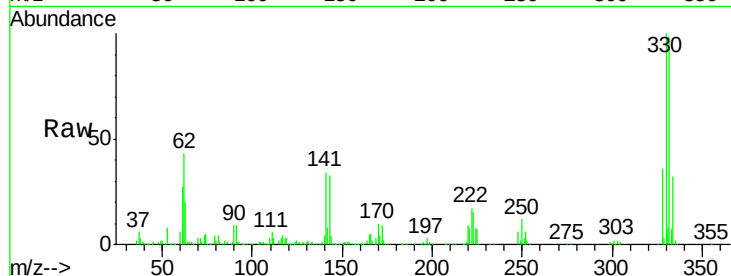




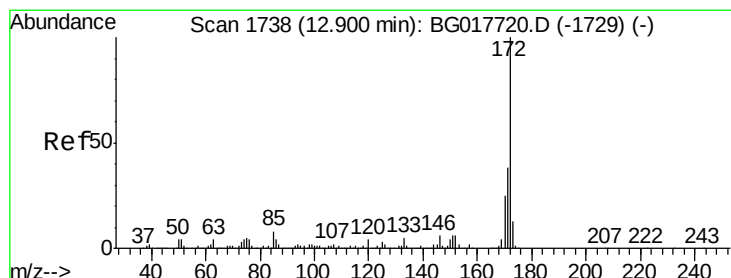
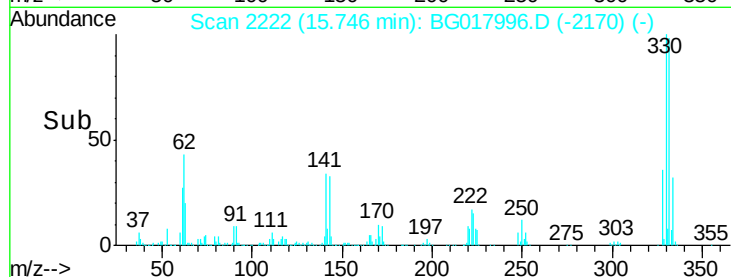
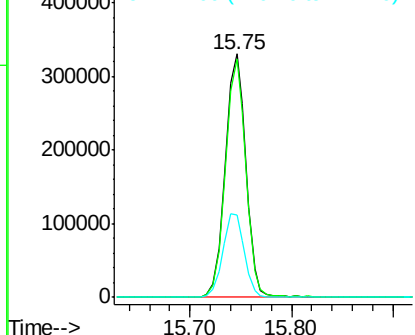
#41
 2,4,6-Tribromophenol
 Concen: 124.23 ng
 RT: 15.75 min Scan# 2222
 Delta R.T. 0.00 min
 Lab File: BG017996.D
 Acq: 20 Jul 2015 19:26

Instrument :
 BNA_G
 ClientSampleId :
 AB-SLOPE-FAIL-4(0-2)

Tgt Ion:330 Resp: 468953
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.8 115.2
 141 35.6 38.0 57.0#

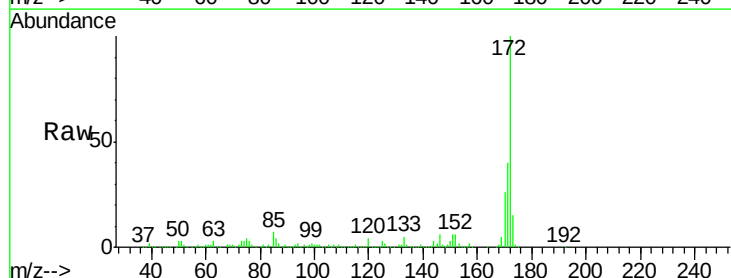


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

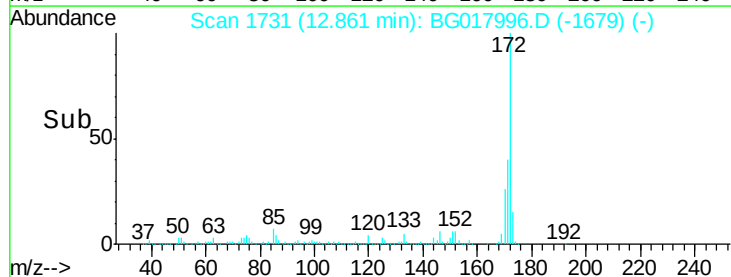
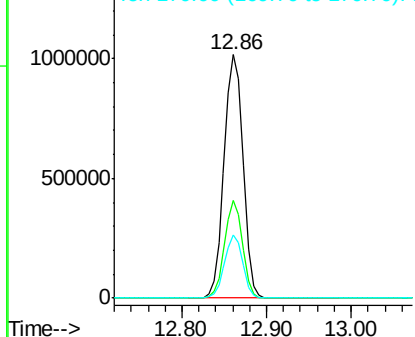


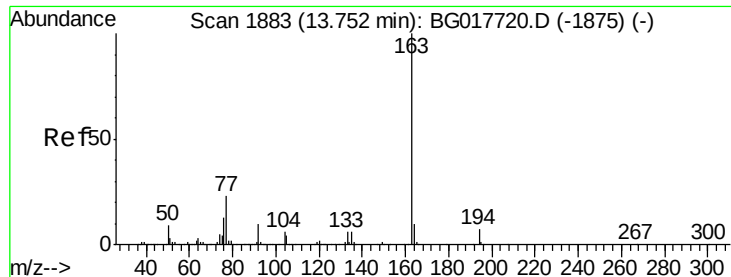
#44
 2-Fluorobiphenyl
 Concen: 73.13 ng
 RT: 12.86 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: BG017996.D
 Acq: 20 Jul 2015 19:26

Tgt Ion:172 Resp: 1572327
 Ion Ratio Lower Upper
 172 100
 171 40.1 30.7 46.1
 170 26.0 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: 17.97 ng

RT: 13.71 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BG017996.D

Acq: 20 Jul 2015 19:26

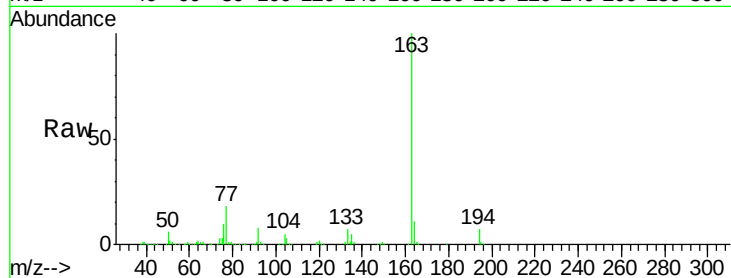
Instrument :

BNA_G

ClientSampleId :

AB-SLOPE-FAIL-4(0-2)

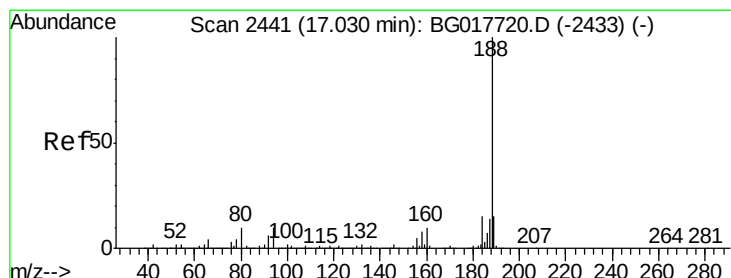
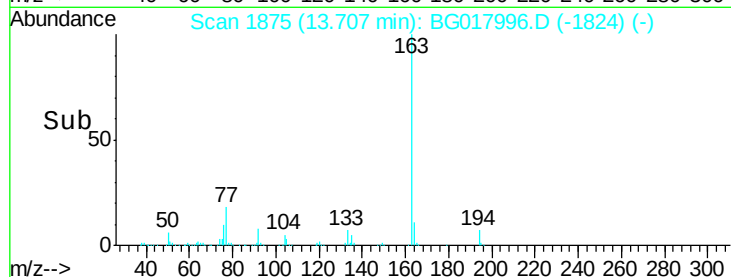
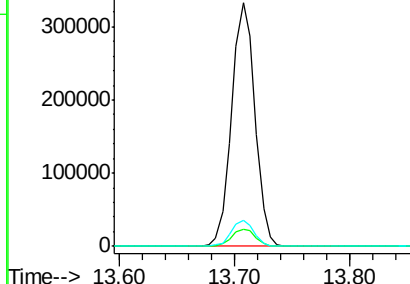
Tgt Ion:	163	Resp:	465191
Ion	Ratio	Lower	Upper
163	100		
194	6.9	5.8	8.6
164	10.7	8.3	12.5



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

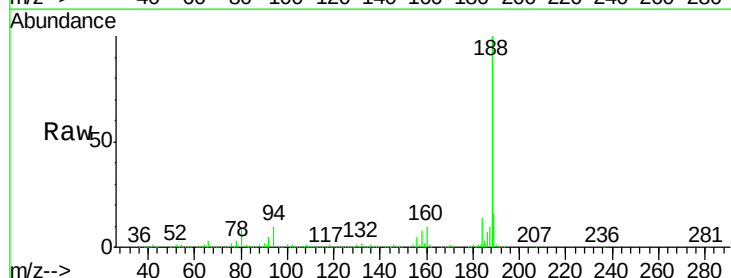
RT: 17.00 min Scan# 2435

Delta R.T. -0.00 min

Lab File: BG017996.D

Acq: 20 Jul 2015 19:26

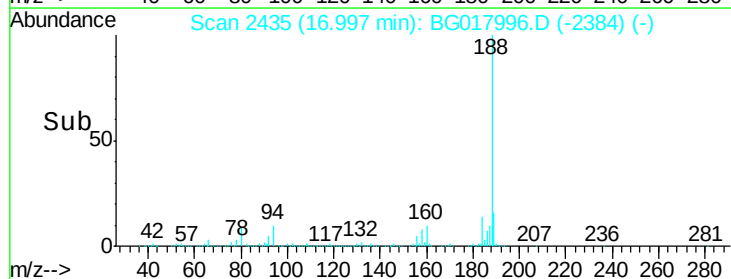
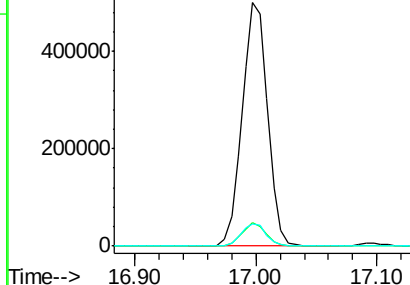
Tgt Ion:	188	Resp:	733105
Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.2	12.2
80	9.3	8.2	12.4

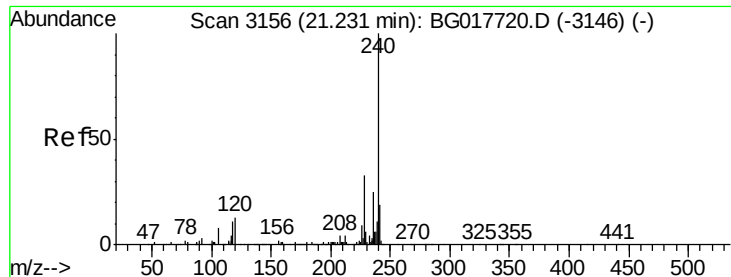


Abundance Ion 188.00 (187.70 to 188.70): E

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# 3150

Delta R.T. -0.00 min

Lab File: BG017996.D

Acq: 20 Jul 2015 19:26

Instrument :

BNA_G

ClientSampleId :

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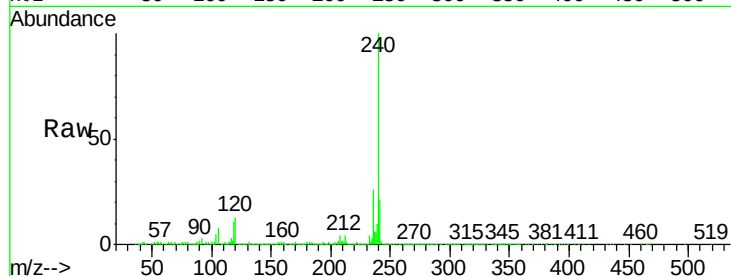
Tgt Ion:240 Resp: 724765

Ion Ratio Lower Upper

240 100

120 12.9 10.8 16.2

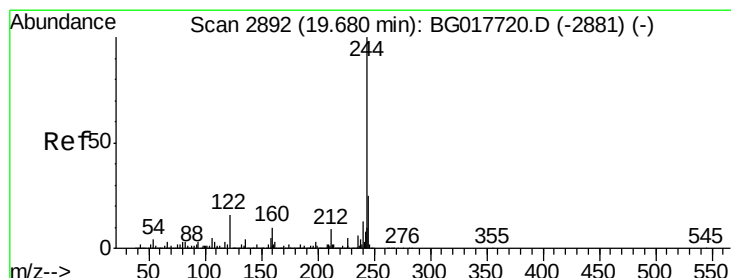
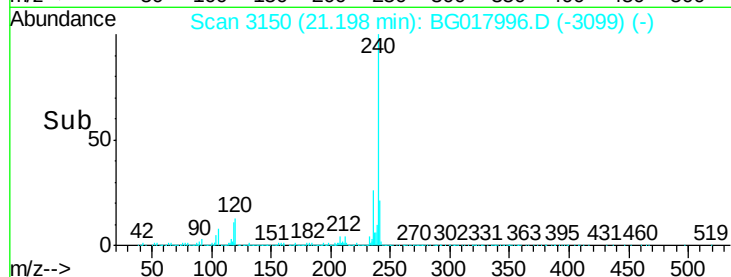
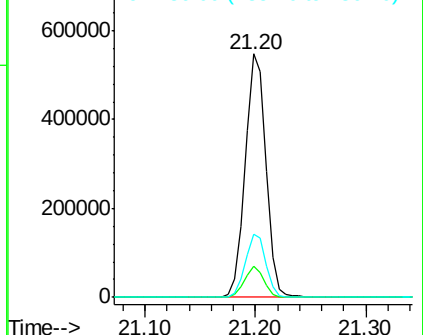
236 25.8 20.0 30.0



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: 60.61 ng

RT: 19.65 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG017996.D

Acq: 20 Jul 2015 19:26

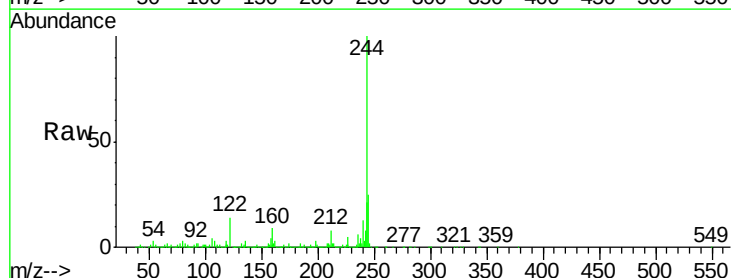
Tgt Ion:244 Resp: 1743818

Ion Ratio Lower Upper

244 100

212 8.4 7.2 10.8

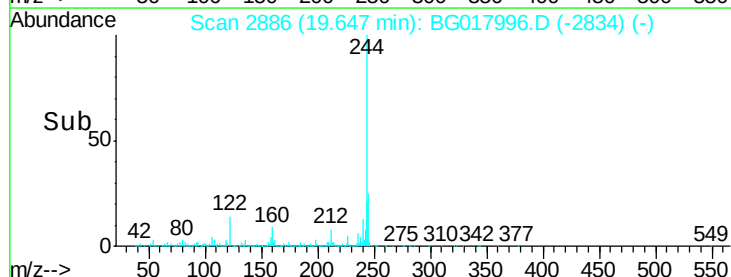
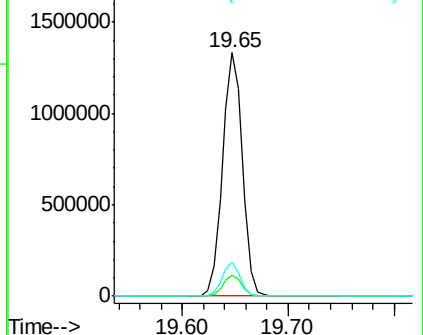
122 13.7 12.8 19.2

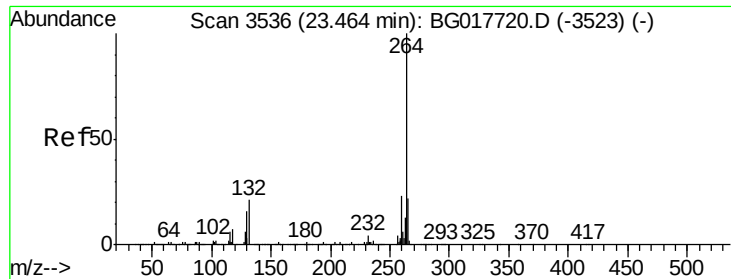


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.43 min Scan# 3529
Delta R.T. 0.01 min
Lab File: BG017996.D
Acq: 20 Jul 2015 19:26

Instrument :
BNA_G
ClientSampleId :
AB-SLOPE-FAIL-4(0-2)

Tgt Ion: 264 Resp: 729504
Ion Ratio Lower Upper
264 100
260 23.7 18.6 27.8
265 21.6 18.2 27.2

