

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051115\
 Data File : BG017051.D
 Acq On : 11 May 2015 13:57
 Operator : TP/IZ
 Sample : G2038-01DL3 250X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBMW-01DL2

Quant Time: May 12 04:15:45 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 04:00:00 2015
 Response via : Initial Calibration

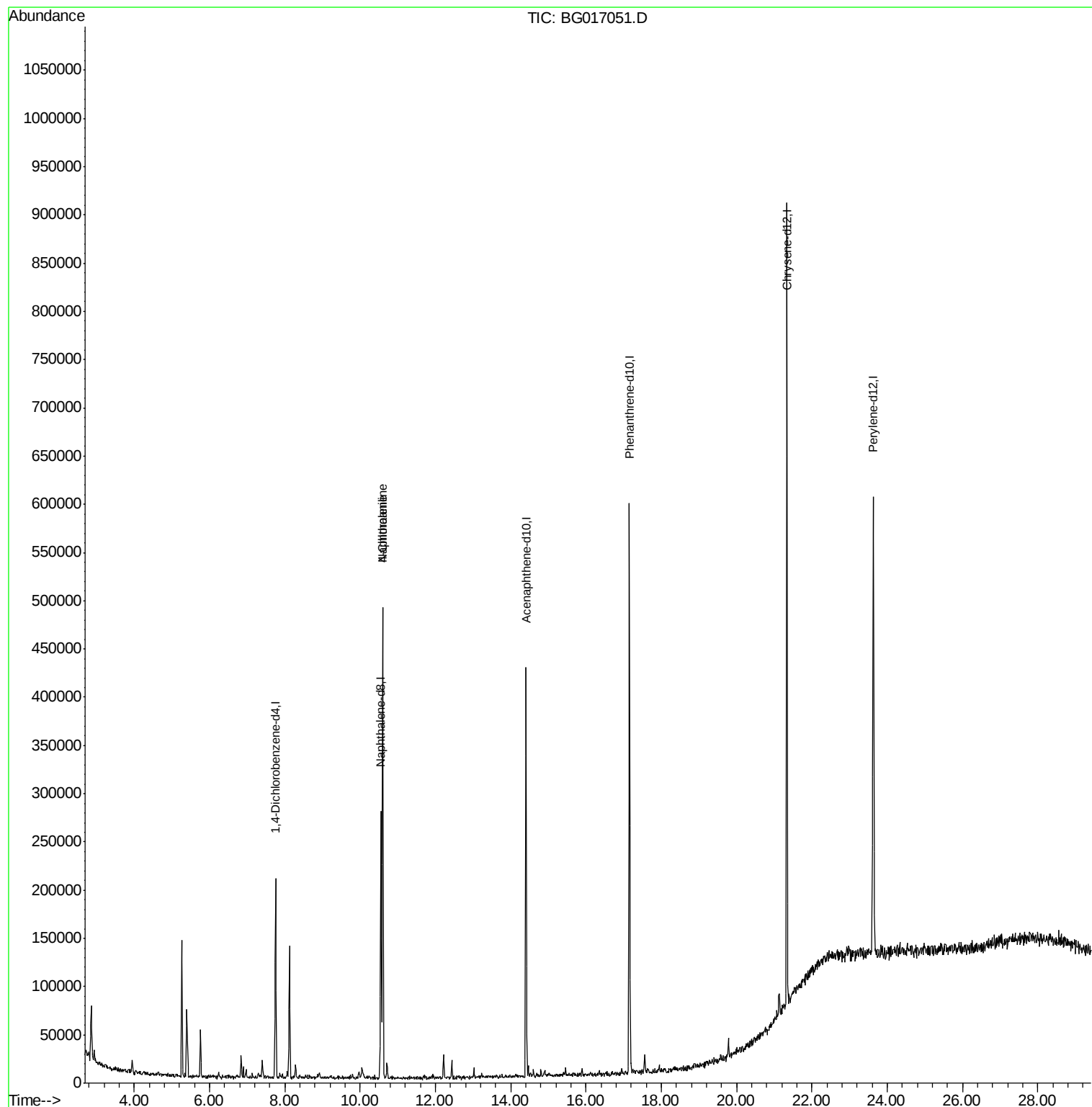
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	45384	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	204539	20.00	ng	0.00
38) Acenaphthene-d10	14.40	164	131446	20.00	ng	0.00
63) Phenanthrene-d10	17.15	188	312058	20.00	ng	0.00
75) Chrysene-d12	21.34	240	352521	20.00	ng	0.00
86) Perylene-d12	23.64	264	332279	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	824	0.32	ng	0.00
7) Phenol-d6	6.95	99	1149	0.31	ng	0.00
23) Nitrobenzene-d5	8.91	82	1761	0.42	ng	0.00
41) 2,4,6-Tribromophenol	15.89	330	1151	0.87	ng	-0.01
44) 2-Fluorobiphenyl	13.02	172	4601	0.53	ng	0.00
78) Terphenyl-d14	19.79	244	8515	0.57	ng	0.00
Target Compounds						
31) Naphthalene	10.60	128	359213	35.31	ng	99
32) Benzoic acid	10.02	122	59	Below Cal	#	2
33) 4-Chloroaniline	10.60	127	49409	10.52	ng	# 33

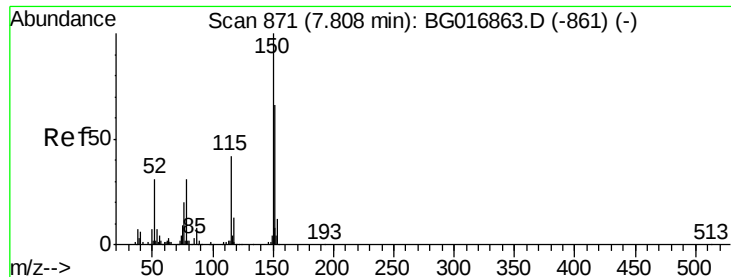
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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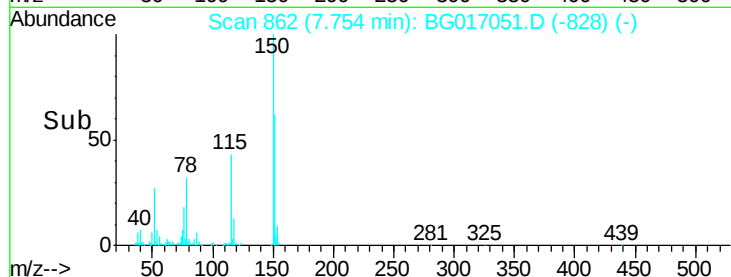
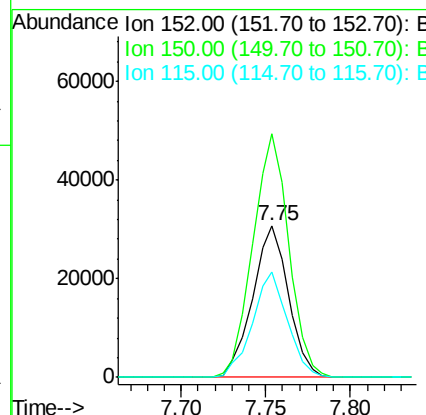
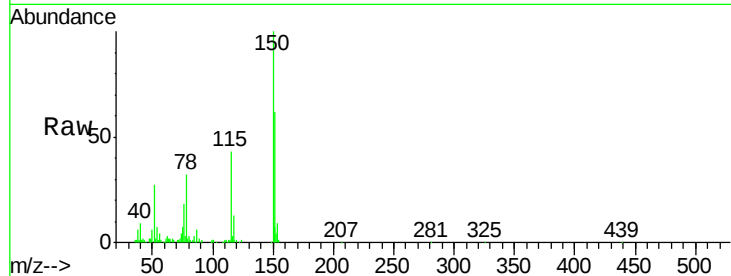


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.75 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: BG017051.D
 Acq: 11 May 2015 13:57

Instrument :
 BNA_G
 ClientSampleId :
 DBMW-01DL2

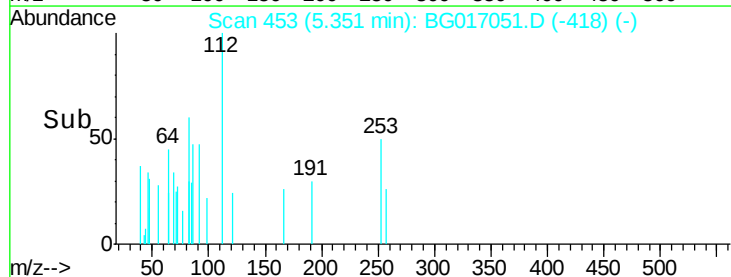
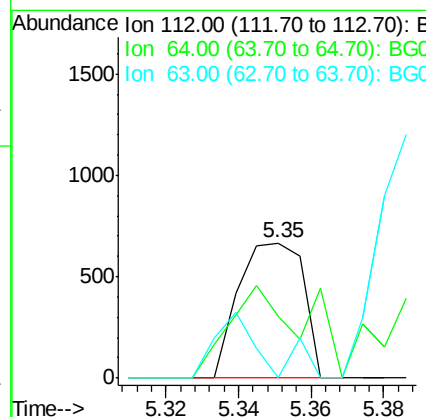
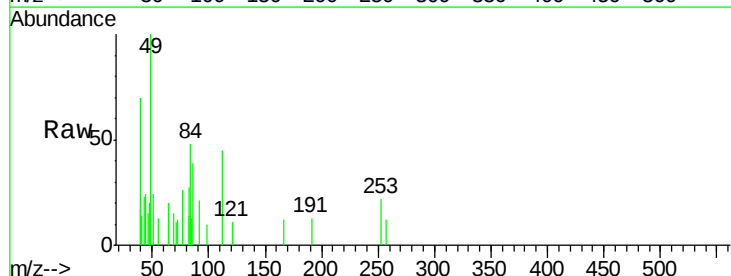
Tgt Ion:152 Resp: 45384
 Ion Ratio Lower Upper
 152 100
 150 160.4 121.0 181.4
 115 69.1 50.5 75.7

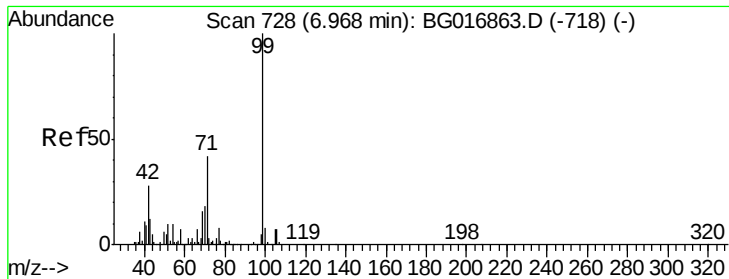


#5

2-Fluorophenol
 Concen: 0.32 ng
 RT: 5.35 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: BG017051.D
 Acq: 11 May 2015 13:57

Tgt Ion:112 Resp: 824
 Ion Ratio Lower Upper
 112 100
 64 45.4 51.4 77.2#
 63 0.0 28.1 42.1#





#7

Phenol-d6

Concen: 0.31 ng

RT: 6.95 min Scan# 725

Delta R.T. 0.00 min

Lab File: BG017051.D

Acq: 11 May 2015 13:57

Instrument :

BNA_G

ClientSampled :

DBMW-01DL2

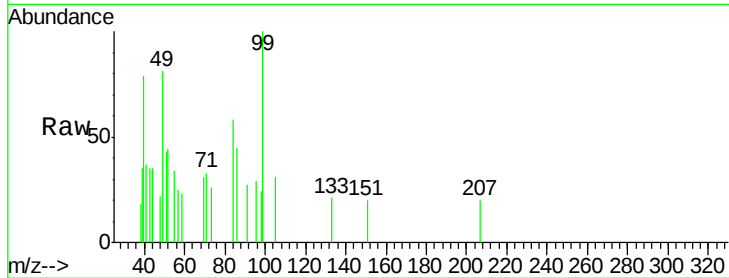
Tgt Ion: 99 Resp: 1149

Ion Ratio Lower Upper

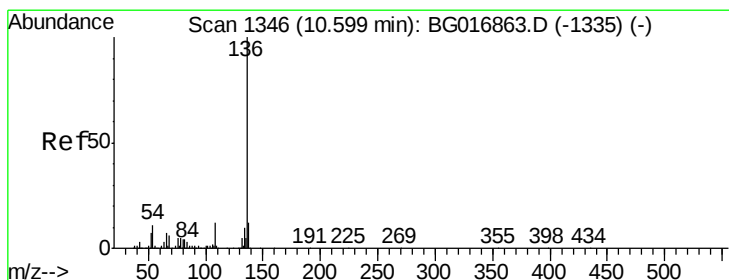
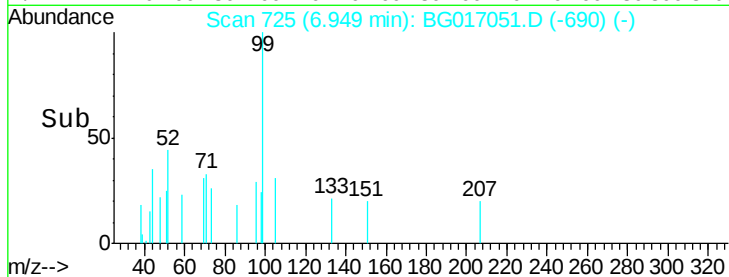
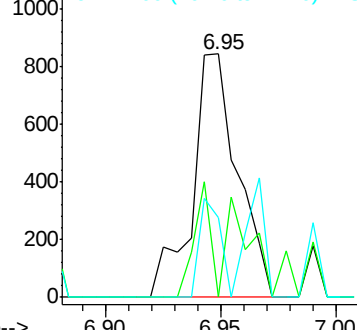
99 100

42 0.0 22.1 33.1#

71 32.9 33.4 50.0#



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: 10.55 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BG017051.D

Acq: 11 May 2015 13:57

Tgt Ion: 136 Resp: 204539

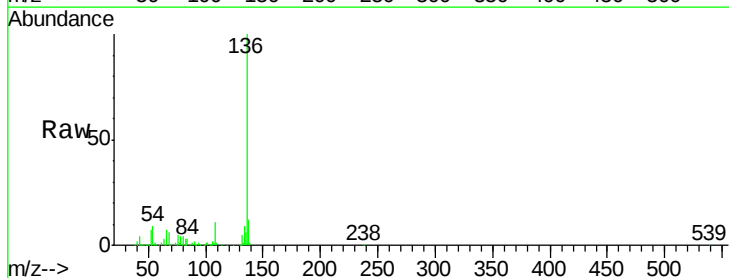
Ion Ratio Lower Upper

136 100

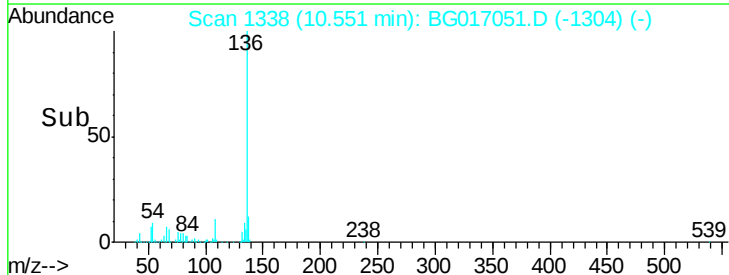
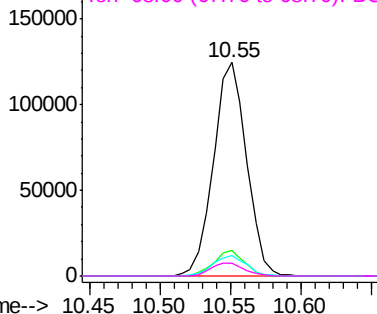
137 11.9 9.8 14.8

54 9.4 8.7 13.1

68 6.2 5.0 7.4



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

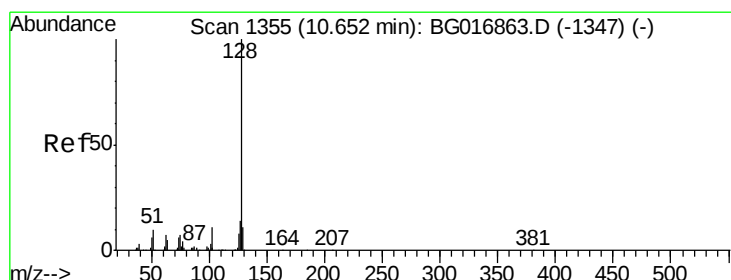
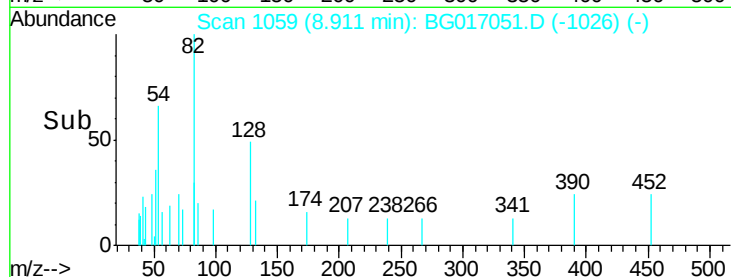
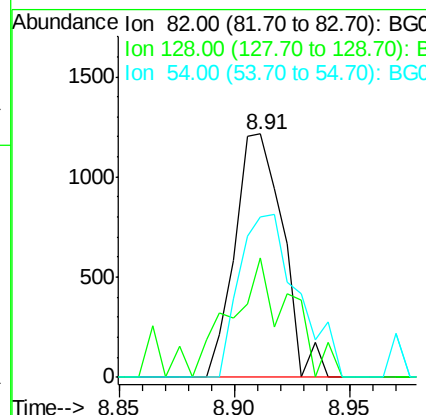
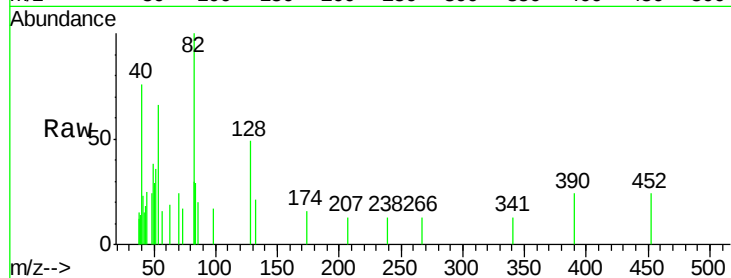




#23
 Nitrobenzene-d5
 Concen: 0.42 ng
 RT: 8.91 min Scan# 1059
 Delta R.T. -0.01 min
 Lab File: BG017051.D
 Acq: 11 May 2015 13:57

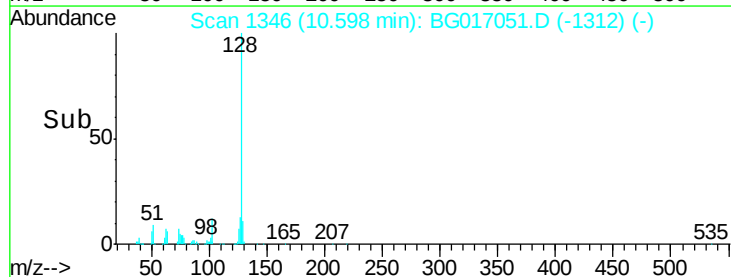
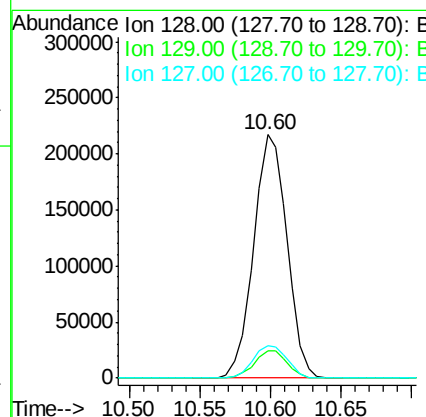
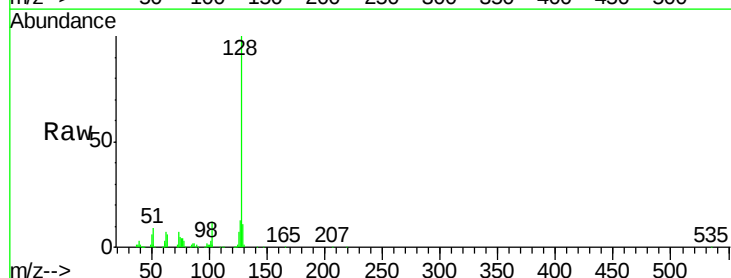
Instrument :
 BNA_G
 ClientSampleId :
 DBMW-01DL2

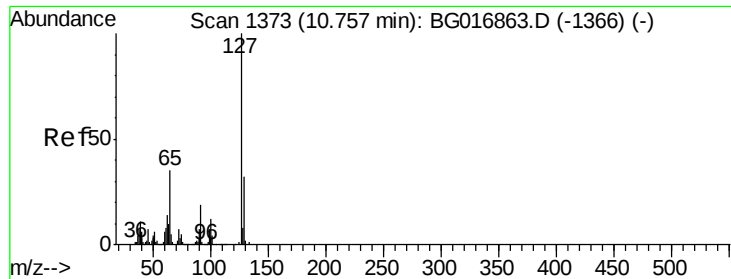
Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.2	33.2	49.8
54	66.1	48.6	72.8



#31
 Naphthalene
 Concen: 35.31 ng
 RT: 10.60 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: BG017051.D
 Acq: 11 May 2015 13:57

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.1	13.7
127	13.5	10.9	16.3

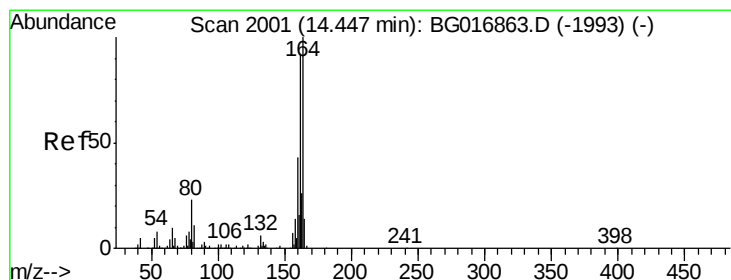
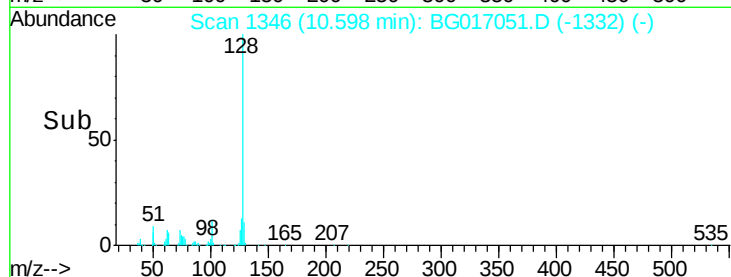
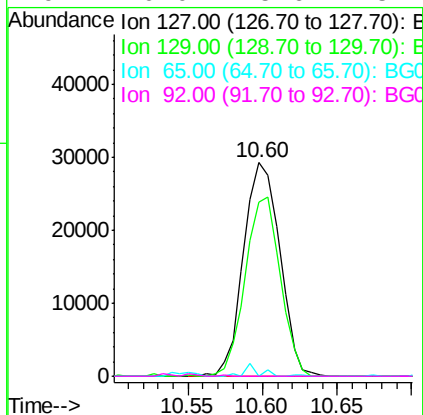
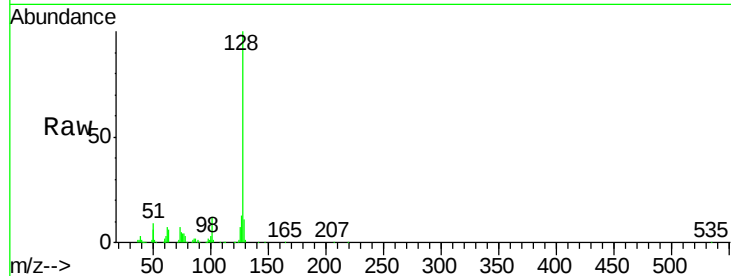




#33
4-Chloroaniline
Concen: 10.52 ng
RT: 10.60 min Scan# 1346
Delta R.T. -0.12 min
Lab File: BG017051.D
Acq: 11 May 2015 13:57

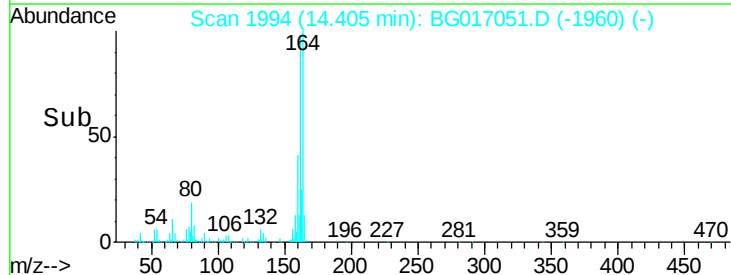
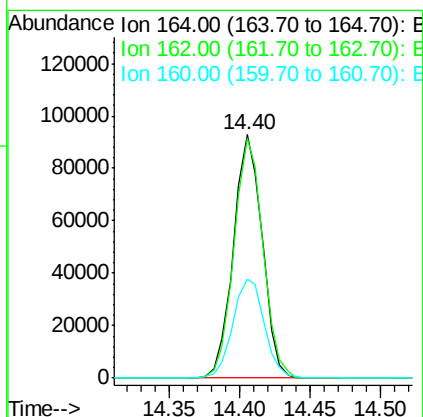
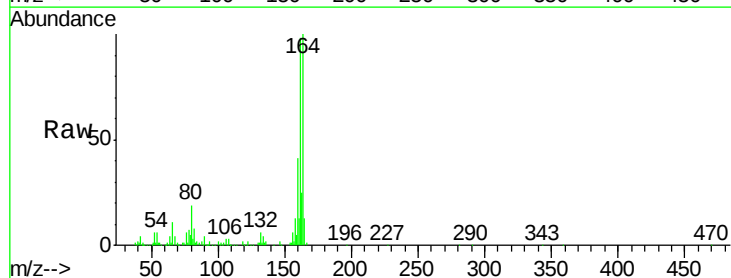
Instrument :
BNA_G
ClientSampleId :
DBMW-01DL2

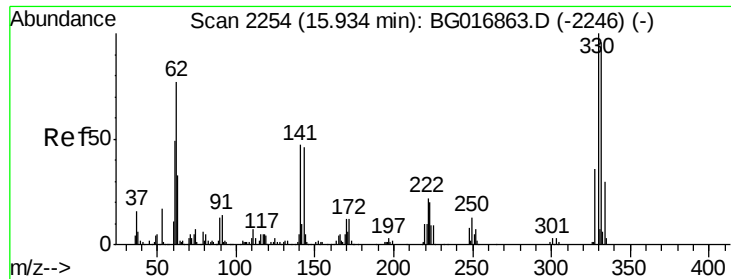
Tgt Ion:127 Resp: 49409
Ion Ratio Lower Upper
127 100
129 81.3 25.8 38.6#
65 0.0 28.2 42.2#
92 0.0 15.6 23.4#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.40 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BG017051.D
Acq: 11 May 2015 13:57

Tgt Ion:164 Resp: 131446
Ion Ratio Lower Upper
164 100
162 98.3 74.0 111.0
160 40.5 34.7 52.1

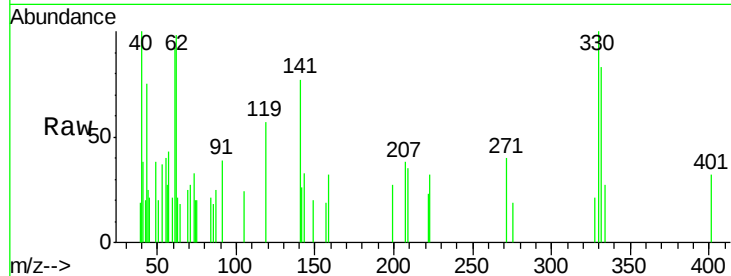




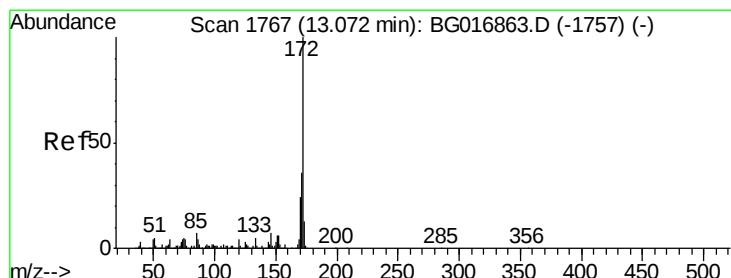
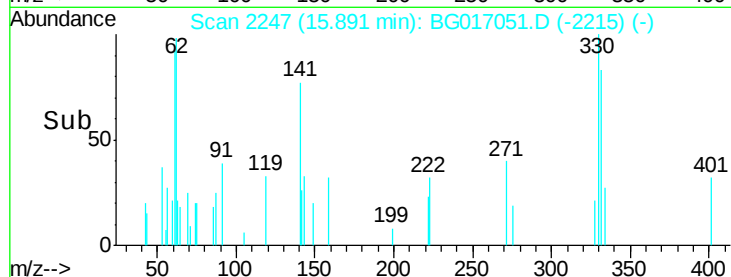
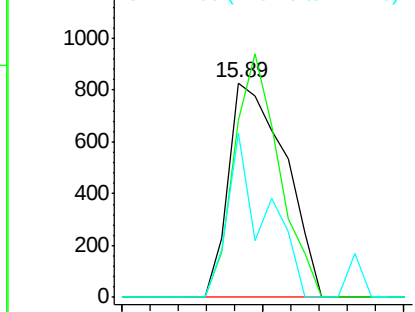
#41
 2,4,6-Tribromophenol
 Concen: 0.87 ng
 RT: 15.89 min Scan# 2247
 Delta R.T. -0.01 min
 Lab File: BG017051.D
 Acq: 11 May 2015 13:57

Instrument :
 BNA_G
 ClientSampleId :
 DBMW-01DL2

Tgt Ion:330 Resp: 1151
 Ion Ratio Lower Upper
 330 100
 332 90.0 0.0 0.0#
 141 51.3 0.0 0.0#

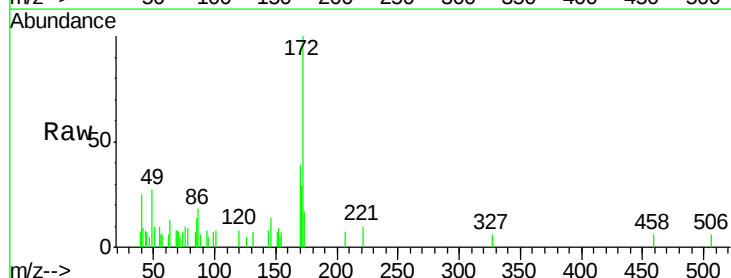


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

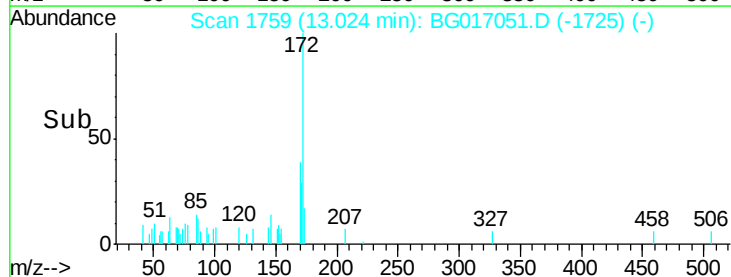
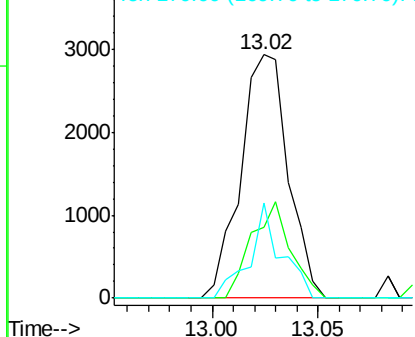


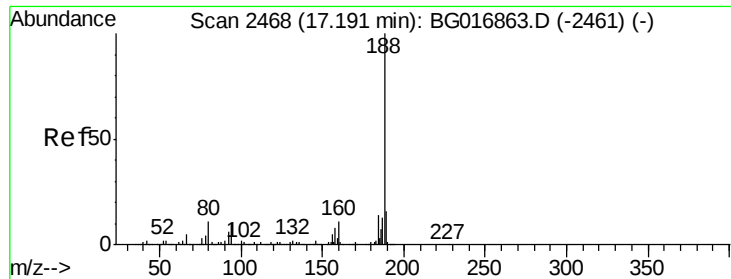
#44
 2-Fluorobiphenyl
 Concen: 0.53 ng
 RT: 13.02 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BG017051.D
 Acq: 11 May 2015 13:57

Tgt Ion:172 Resp: 4601
 Ion Ratio Lower Upper
 172 100
 171 28.9 29.0 43.4#
 170 39.2 19.0 28.4#



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

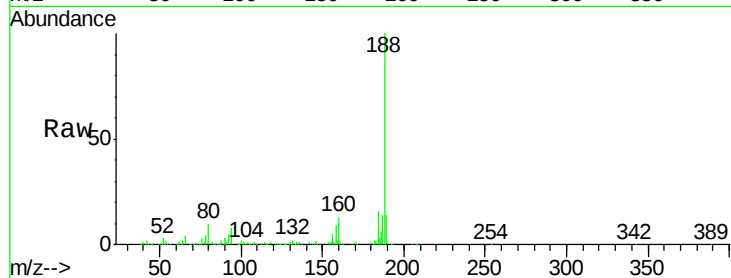




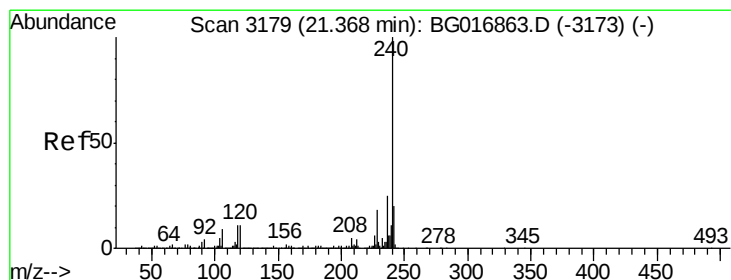
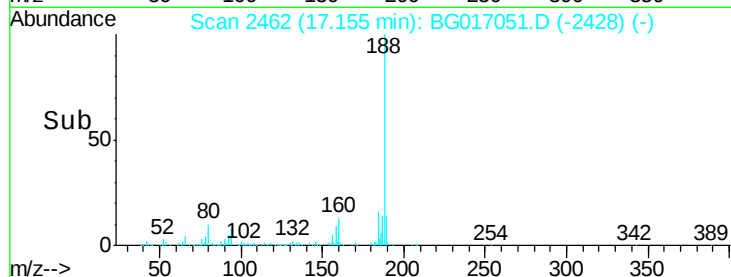
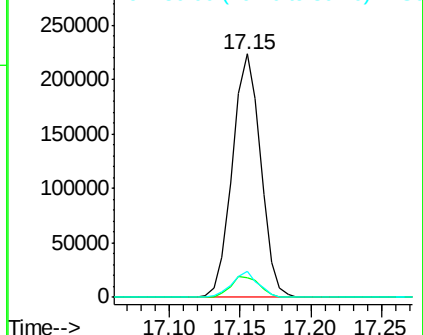
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.15 min Scan# 2462
Delta R.T. -0.00 min
Lab File: BG017051.D
Acq: 11 May 2015 13:57

Instrument :
BNA_G
ClientSampleId :
DBMW-01DL2

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.2	12.4
80	10.5	8.8	13.2

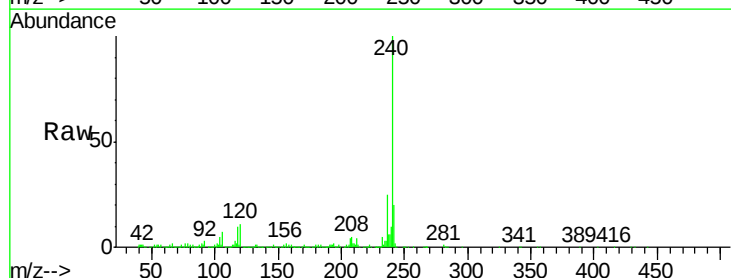


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

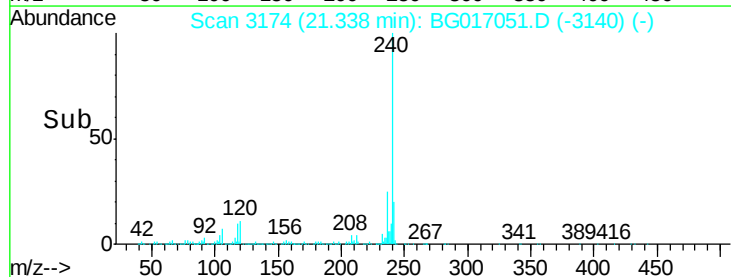
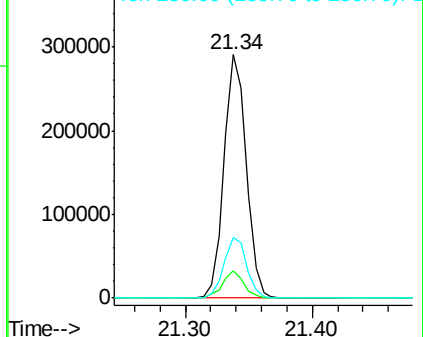


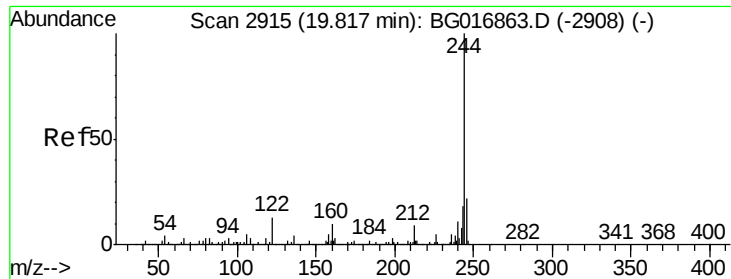
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.34 min Scan# 3174
Delta R.T. -0.00 min
Lab File: BG017051.D
Acq: 11 May 2015 13:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.1	13.7
236	24.9	20.2	30.4



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: 0.57 ng

RT: 19.79 min Scan# 2910

Delta R.T. -0.00 min

Lab File: BG017051.D

Acq: 11 May 2015 13:57

Instrument :

BNA_G

ClientSampleId :

DBMW-01DL2

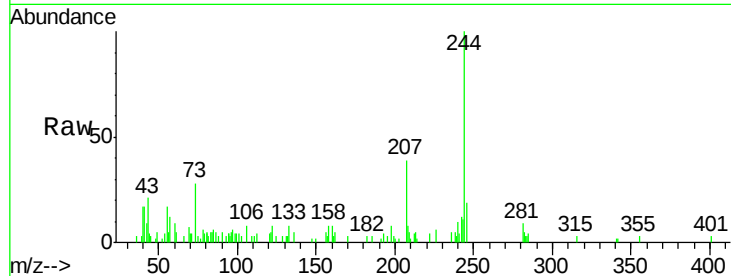
Tgt Ion:244 Resp: 8515

Ion Ratio Lower Upper

244 100

212 4.4 7.0 10.6#

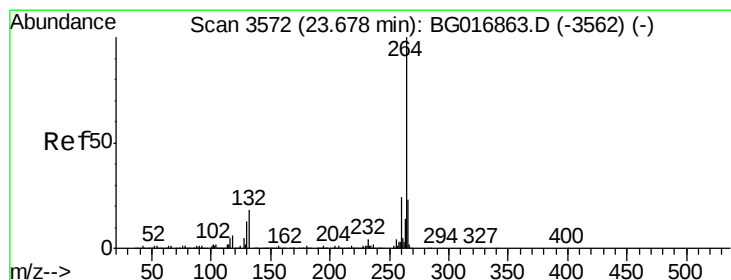
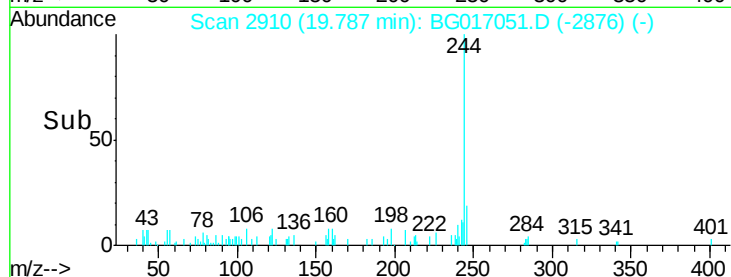
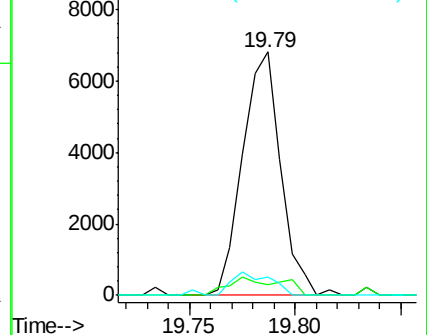
122 7.6 10.4 15.6#



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: 23.64 min Scan# 3565

Delta R.T. 0.00 min

Lab File: BG017051.D

Acq: 11 May 2015 13:57

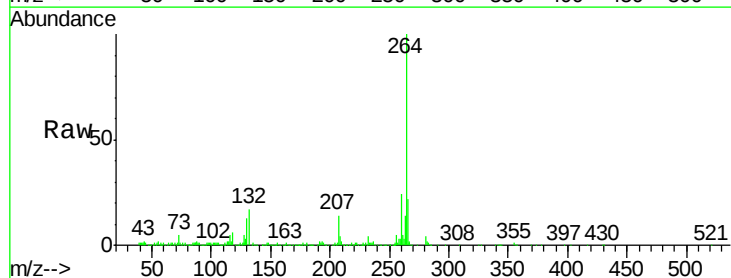
Tgt Ion:264 Resp: 332279

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 21.6 18.5 27.7



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

