

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG021116\
 Data File : BG020887.D
 Acq On : 12 Feb 2016 11:07
 Operator : SJ/UM
 Sample : H1408-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HW-46

Quant Time: Feb 12 12:21:30 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 11 15:26:53 2016
 Response via : Initial Calibration

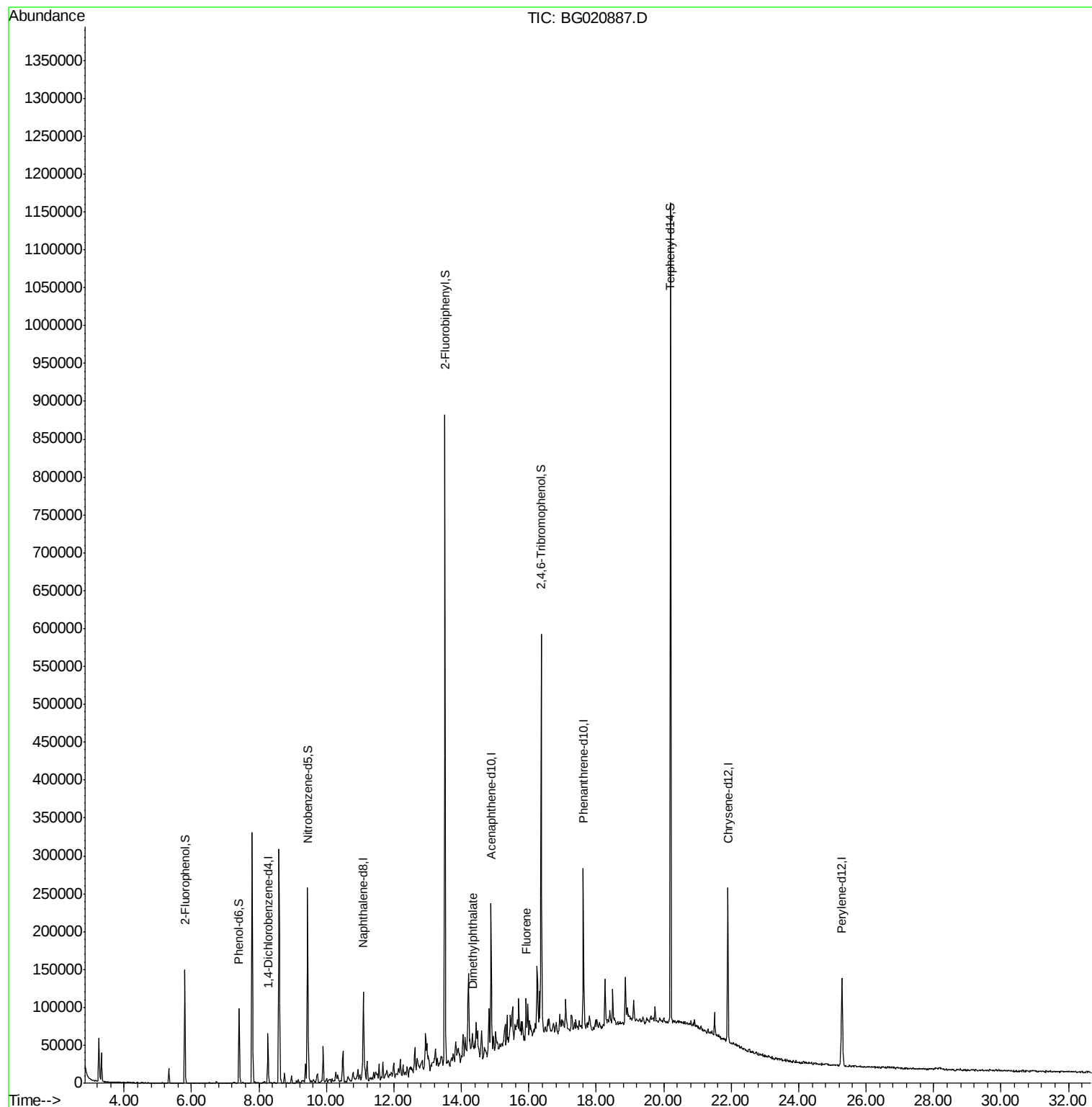
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	21366	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	107613	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	62642	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	121643	20.00	ng	0.00
75) Chrysene-d12	21.90	240	115016	20.00	ng	0.00
86) Perylene-d12	25.28	264	108793	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	84339	66.47	ng	0.00
7) Phenol-d6	7.41	99	72526	39.11	ng	0.00
23) Nitrobenzene-d5	9.44	82	168120	102.72	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	97571	158.39	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	443736	99.51	ng	0.00
78) Terphenyl-d14	20.20	244	447102	90.69	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.32	163	16497	3.37	ng	# 95
57) Fluorene	15.92	166	12949	2.55	ng	# 91

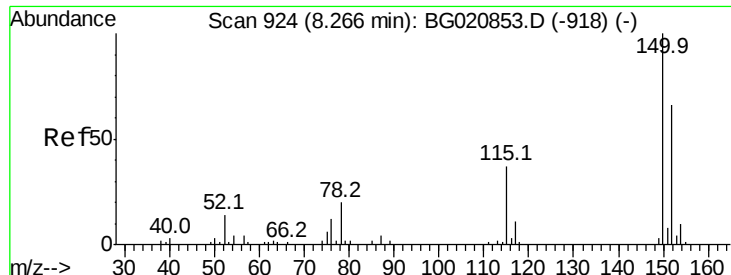
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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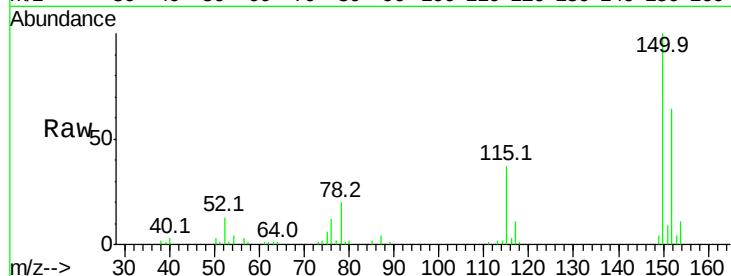


#1

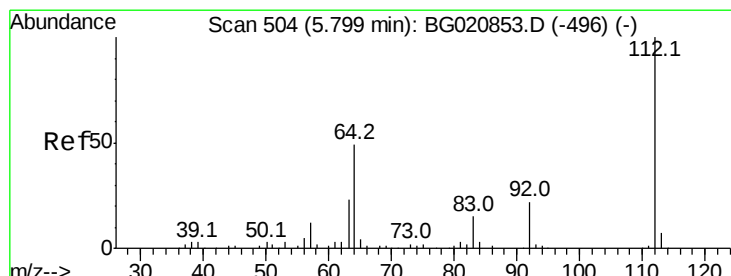
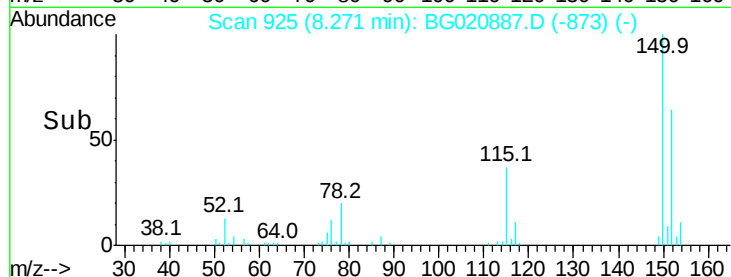
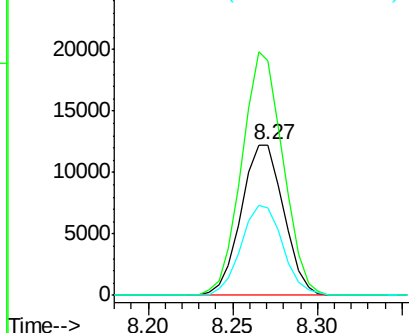
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 925
Delta R.T. 0.00 min
Lab File: BG020887.D
Acq: 12 Feb 2016 11:07

Instrument :
BNA_G
ClientSampled :
HW-46

Tot Ion:152 Resp: 21366
Ion Ratio Lower Upper
152 100
150 155.8 122.0 183.0
115 58.0 45.2 67.8



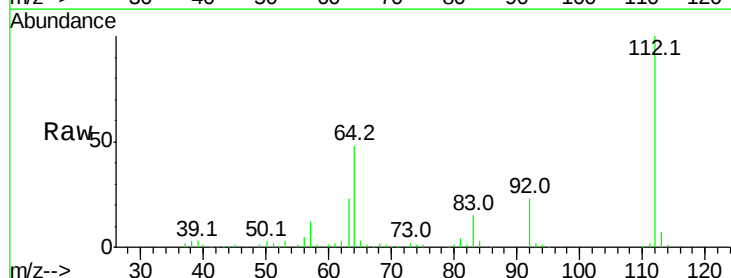
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



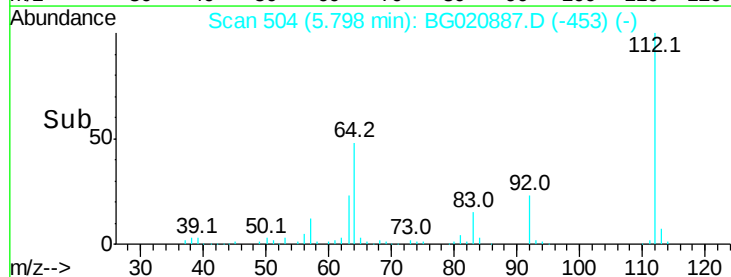
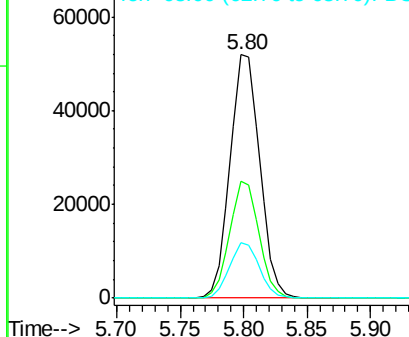
#5

2-Fluorophenol
Concen: 66.47 ng
RT: 5.80 min Scan# 504
Delta R.T. -0.00 min
Lab File: BG020887.D
Acq: 12 Feb 2016 11:07

Tgt Ion:112 Resp: 84339
Ion Ratio Lower Upper
112 100
64 47.8 39.3 58.9
63 22.8 18.2 27.4



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: 39.11 ng

RT: 7.41 min Scan# 779

Delta R.T. 0.00 min

Lab File: BG020887.D

Acq: 12 Feb 2016 11:07

Instrument :

BNA_G

ClientSampleId :

HW-46

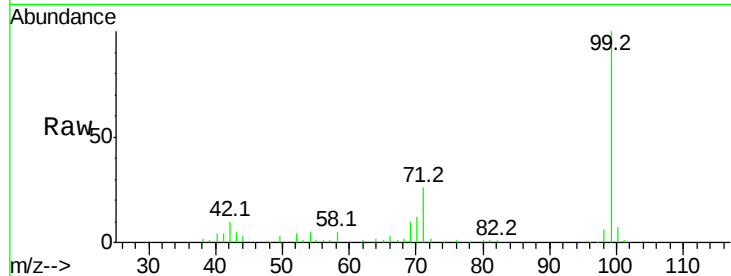
Tot Ion: 99 Resp: 72526

Ion Ratio Lower Upper

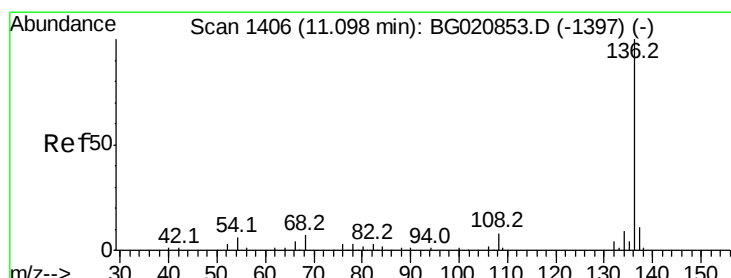
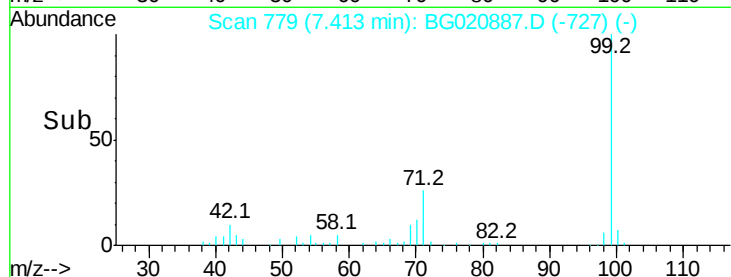
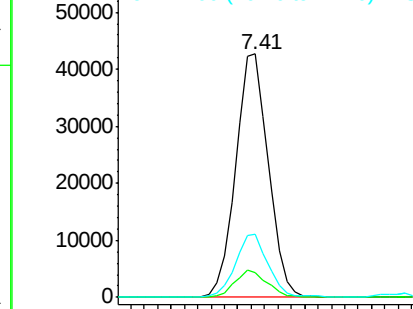
99 100

42 9.9 8.4 12.6

71 25.8 19.4 29.0



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: 11.09 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BG020887.D

Acq: 12 Feb 2016 11:07

Tgt Ion: 136 Resp: 107613

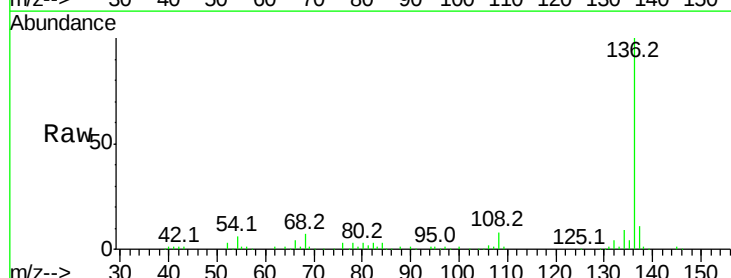
Ion Ratio Lower Upper

136 100

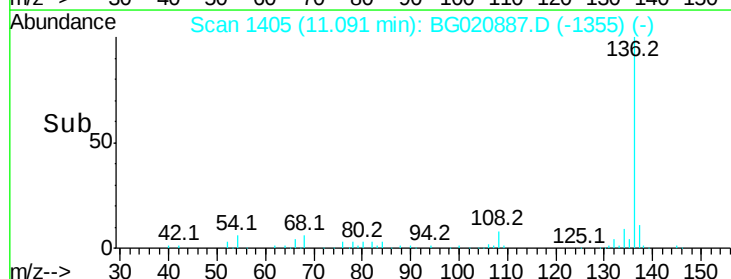
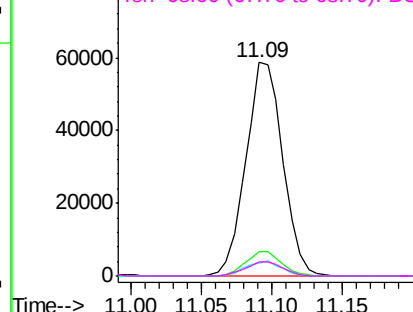
137 11.2 8.8 13.2

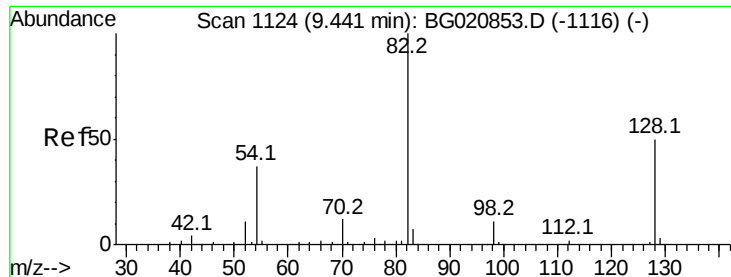
54 6.1 5.0 7.4

68 6.6 5.2 7.8



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

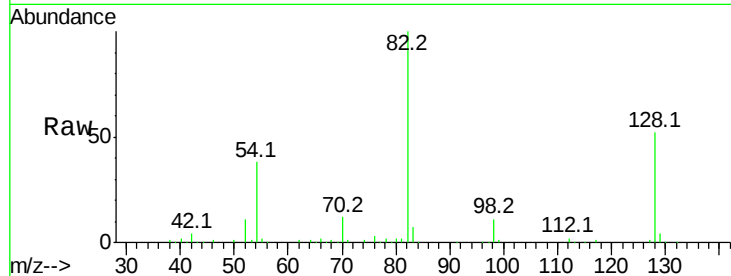




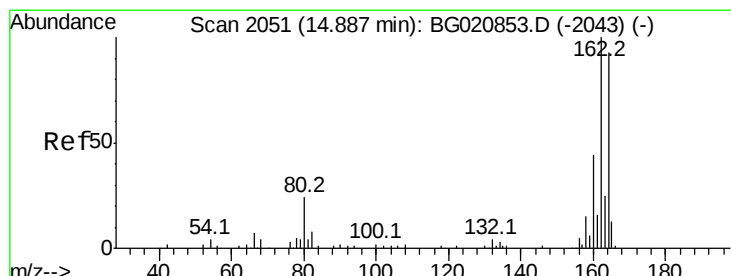
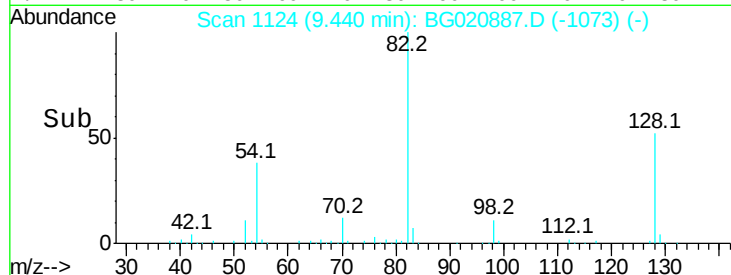
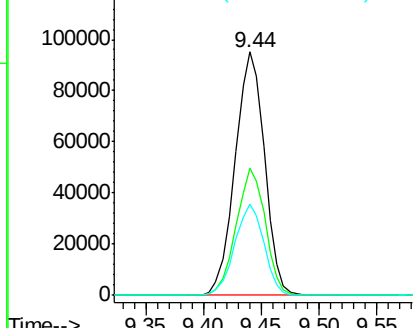
#23
 Nitrobenzene-d5
 Concen: 102.72 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.00 min
 Lab File: BG020887.D
 Acq: 12 Feb 2016 11:07

Instrument :
 BNA_G
 ClientSampleId :
 HW-46

Tot Ion: 82 Resp: 168120
 Ion Ratio Lower Upper
 82 100
 128 52.1 40.1 60.1
 54 37.6 29.5 44.3

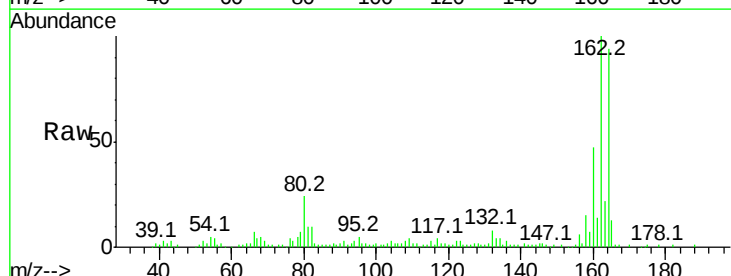


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

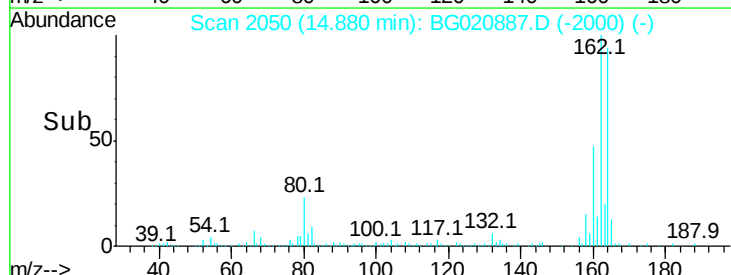
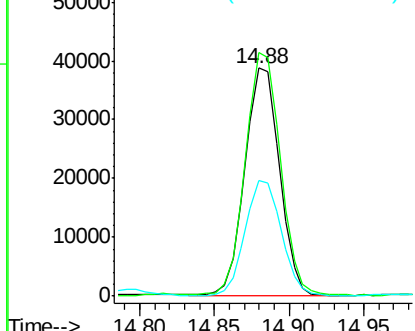


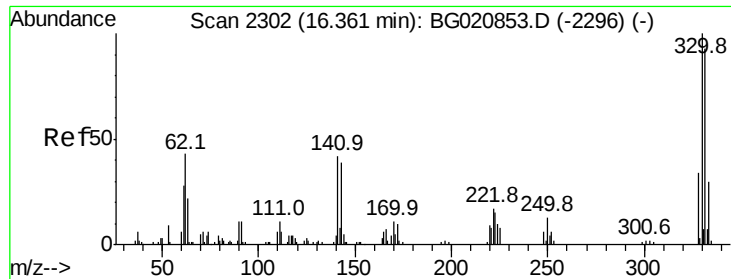
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BG020887.D
 Acq: 12 Feb 2016 11:07

Tgt Ion:164 Resp: 62642
 Ion Ratio Lower Upper
 164 100
 162 106.9 85.7 128.5
 160 50.7 37.4 56.0



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: 158.39 ng

RT: 16.37 min Scan# 2303

Delta R.T. 0.00 min

Lab File: BG020887.D

Acq: 12 Feb 2016 11:07

Instrument :

BNA_G

ClientSampleId :

HW-46

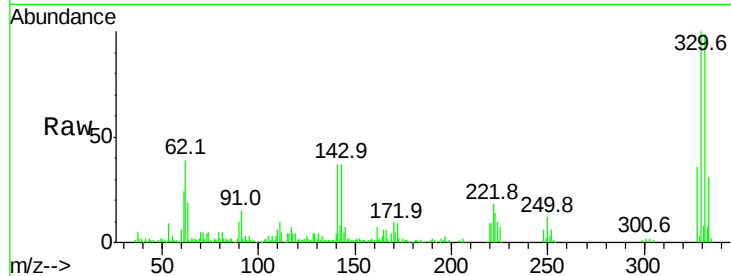
Tot Ion:330 Resp: 97571

Ion Ratio Lower Upper

330 100

332 96.8 76.1 114.1

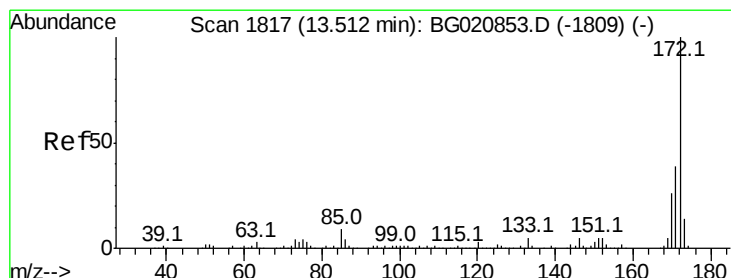
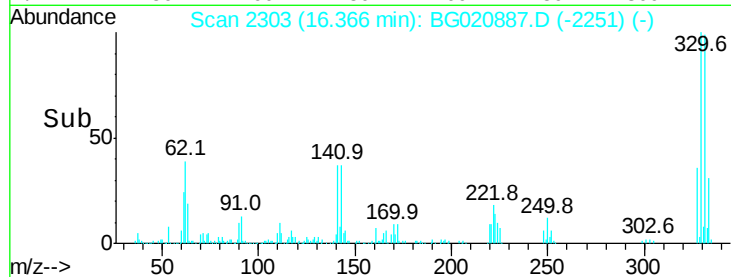
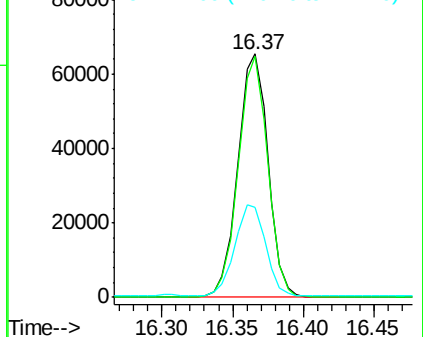
141 38.4 32.0 48.0



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: 99.51 ng

RT: 13.51 min Scan# 1817

Delta R.T. -0.00 min

Lab File: BG020887.D

Acq: 12 Feb 2016 11:07

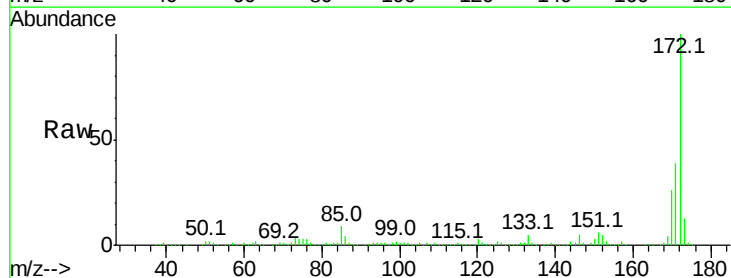
Tgt Ion:172 Resp: 443736

Ion Ratio Lower Upper

172 100

171 38.7 31.2 46.8

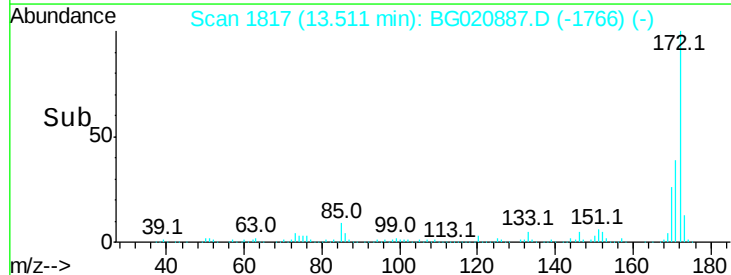
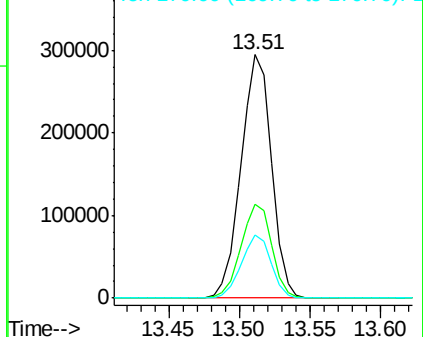
170 26.2 20.6 30.8

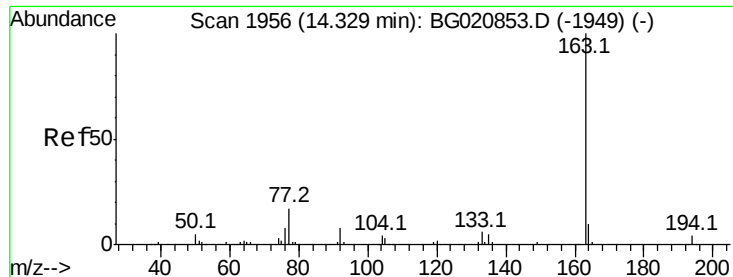


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 3.37 ng

RT: 14.32 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG020887.D

Acq: 12 Feb 2016 11:07

Instrument :

BNA_G

ClientSampleId :

HW-46

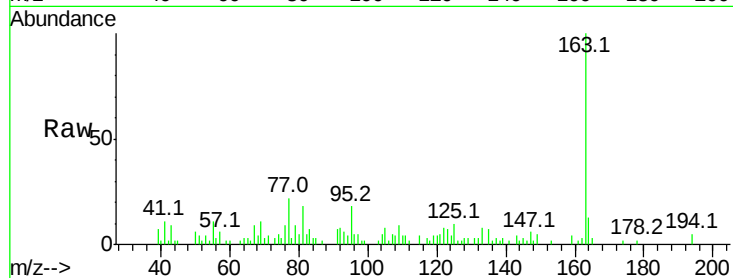
Tot Ion:163 Resp: 16497

Ion Ratio Lower Upper

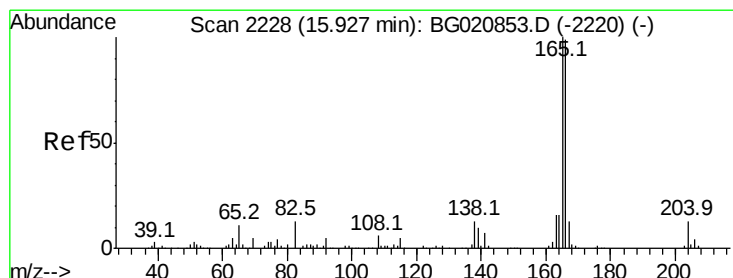
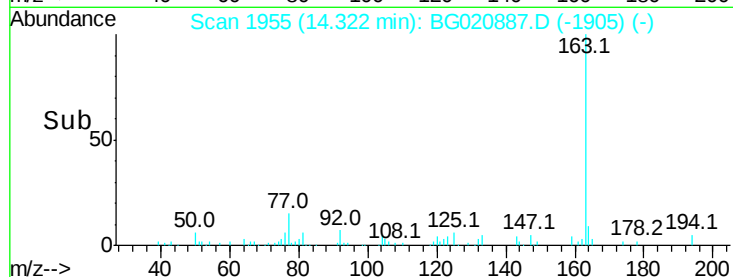
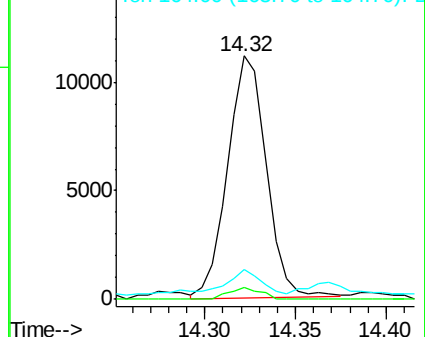
163 100

194 4.8 3.1 4.7#

164 12.5 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



#57

Fluorene

Concen: 2.55 ng

RT: 15.92 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG020887.D

Acq: 12 Feb 2016 11:07

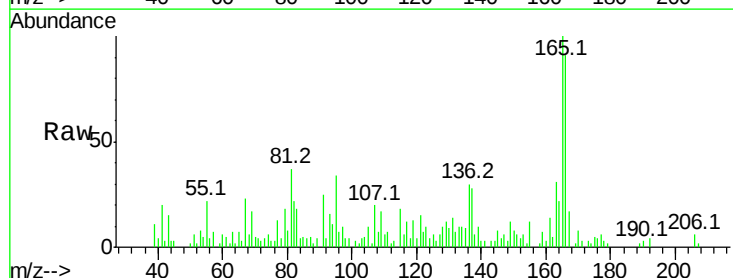
Tgt Ion:166 Resp: 12949

Ion Ratio Lower Upper

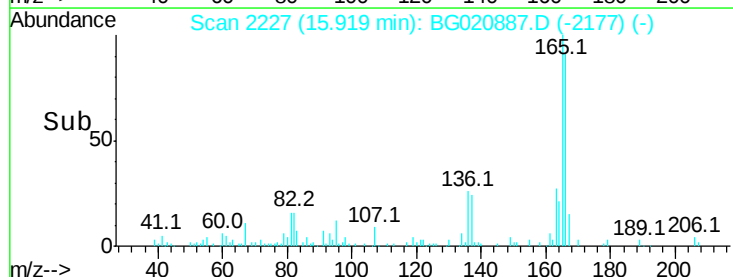
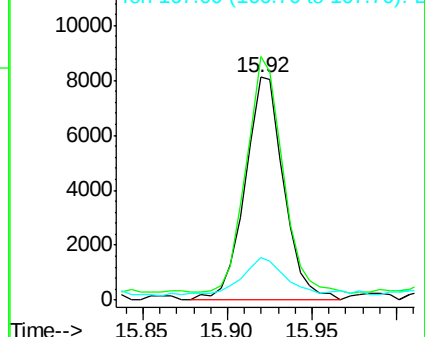
166 100

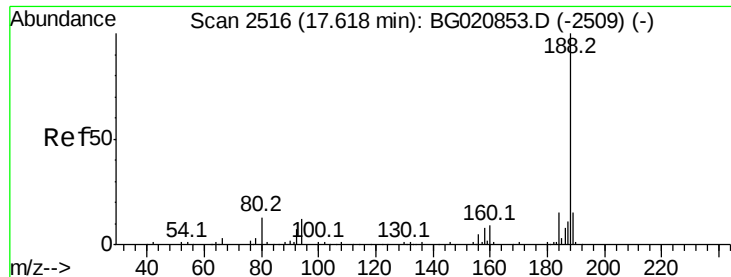
165 109.3 81.0 121.4

167 19.0 10.8 16.2#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.62 min Scan# 2516

Delta R.T. -0.00 min

Lab File: BG020887.D

Acq: 12 Feb 2016 11:07

Instrument :

BNA_G

ClientSampleId :

HW-46

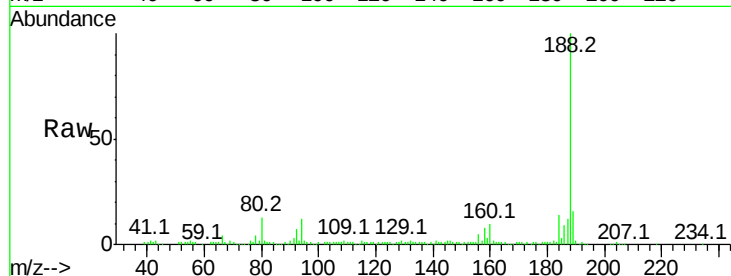
Tot Ion:188 Resp: 121643

Ion Ratio Lower Upper

188 100

94 12.0 9.4 14.0

80 13.0 10.2 15.4

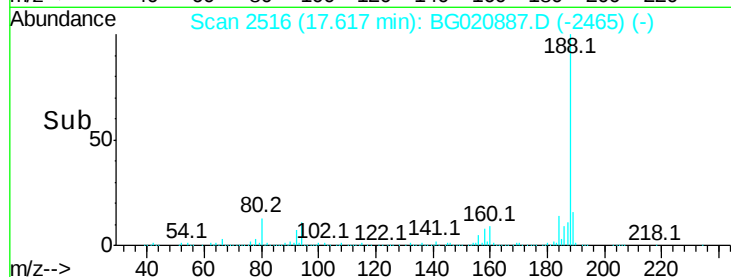


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

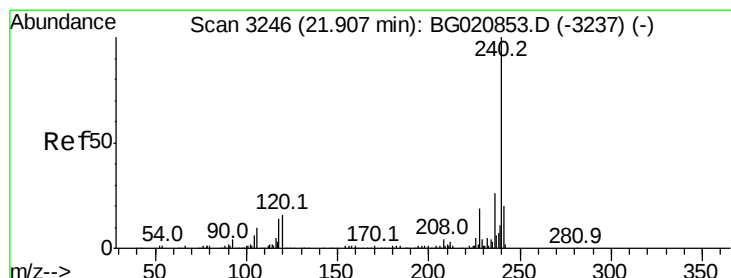
Ion 80.00 (79.70 to 80.70): B

Time-->



17.62

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.90 min Scan# 3245

Delta R.T. -0.01 min

Lab File: BG020887.D

Acq: 12 Feb 2016 11:07

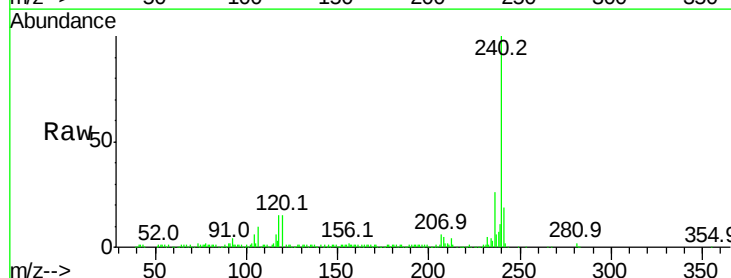
Tgt Ion:240 Resp: 115016

Ion Ratio Lower Upper

240 100

120 15.4 13.0 19.4

236 26.2 21.0 31.4

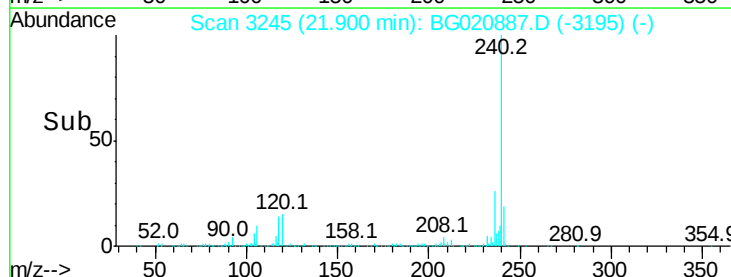


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

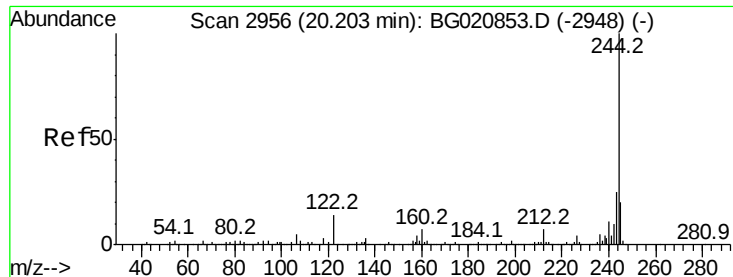
Ion 236.00 (235.70 to 236.70): E

Time-->



21.90

Time-->



#78

Terphenyl-d14

Concen: 90.69 ng

RT: 20.20 min Scan# 2956

Delta R.T. -0.00 min

Lab File: BG020887.D

Acq: 12 Feb 2016 11:07

Instrument :

BNA_G

ClientSampleId :

HW-46

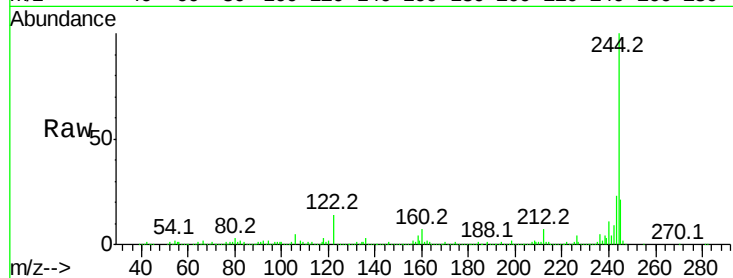
Tot Ion:244 Resp: 447102

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

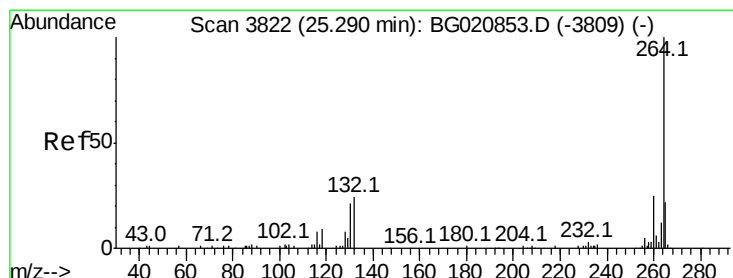
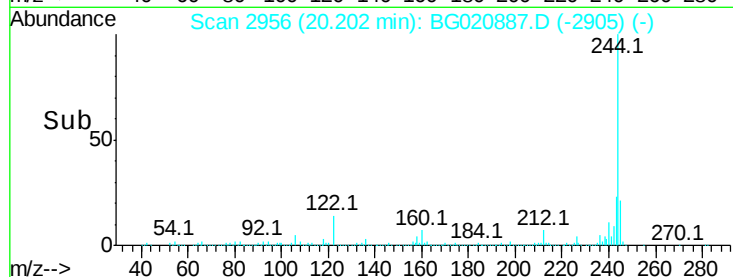
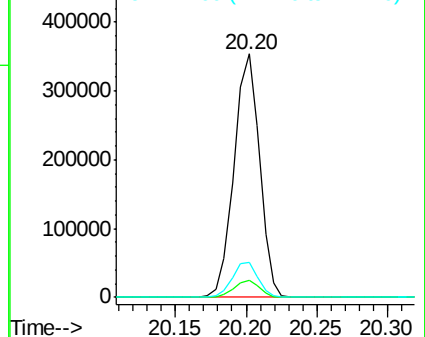
122 14.2 11.4 17.2



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: 25.28 min Scan# 3821

Delta R.T. -0.01 min

Lab File: BG020887.D

Acq: 12 Feb 2016 11:07

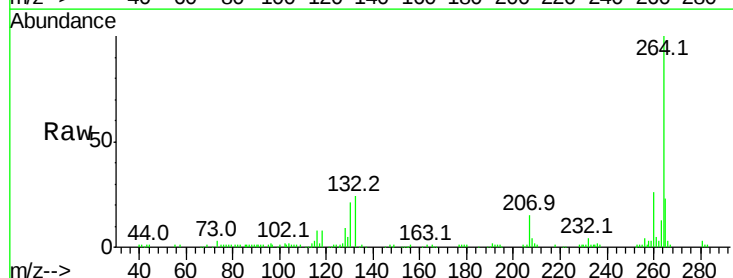
Tgt Ion:264 Resp: 108793

Ion Ratio Lower Upper

264 100

260 26.0 19.9 29.9

265 22.9 18.0 27.0



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

