

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
 Data File : BG019917.D
 Acq On : 4 Dec 2015 23:00
 Operator : UM/NP
 Sample : G4630-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-30

Quant Time: Dec 05 01:07:47 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

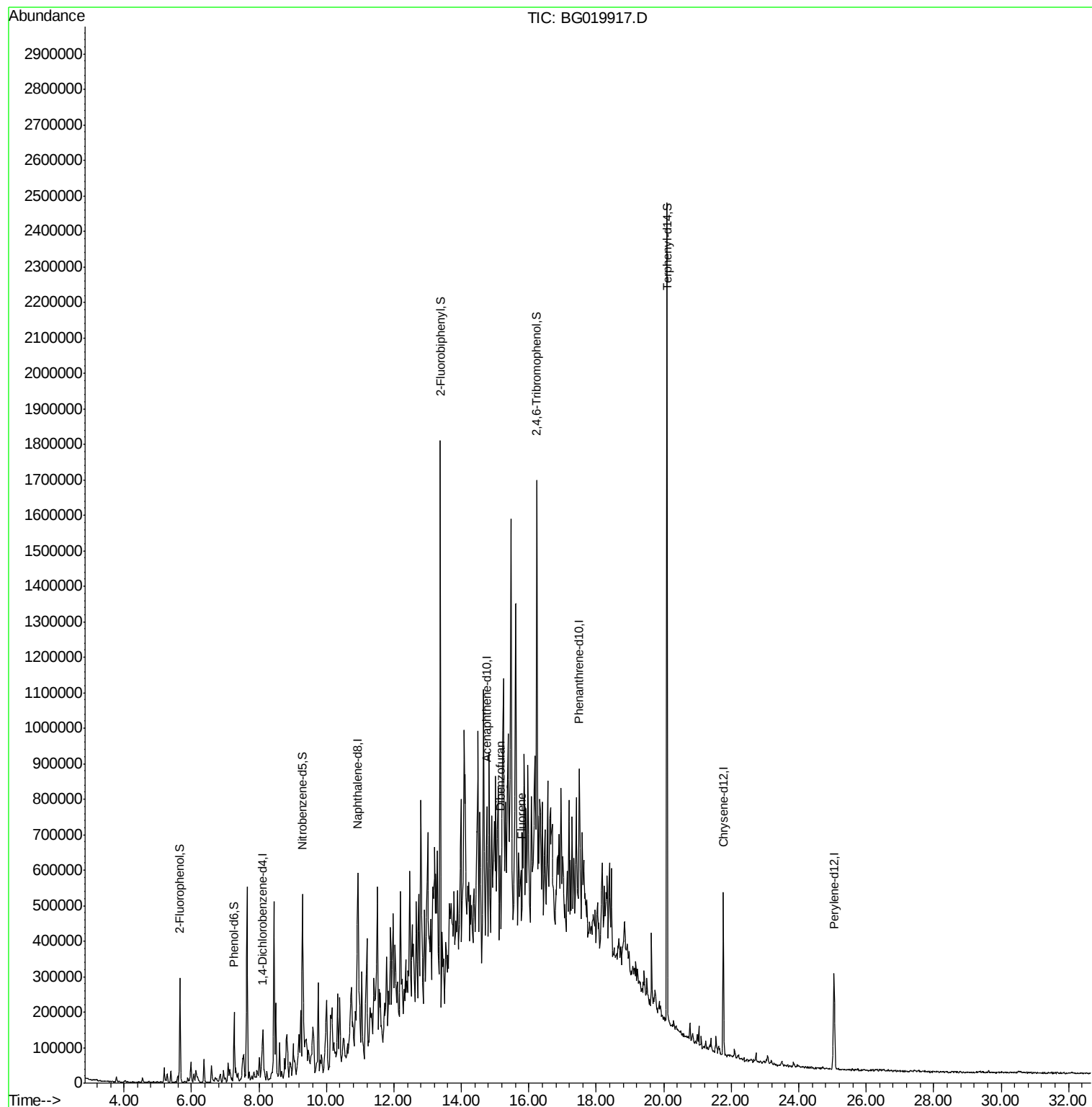
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	34753	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	144043	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	100547	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	234987	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	295941	20.00	ng	-0.03
86) Perylene-d12	25.04	264	282214	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	117955	61.34	ng	0.00
7) Phenol-d6	7.26	99	109142	37.59	ng	0.00
23) Nitrobenzene-d5	9.29	82	286821	101.62	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	203878	132.52	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	661489	89.83	ng	-0.02
78) Terphenyl-d14	20.10	244	1016166	83.75	ng	-0.01
Target Compounds						
54) Dibenzofuran	15.15	168	23097	2.36	ng	# 70
57) Fluorene	15.80	166	17793	2.03	ng	# 87

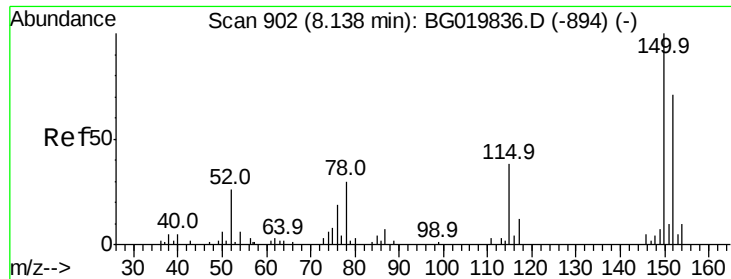
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. -0.02 min

Lab File: BG019917.D

Acq: 4 Dec 2015 23:00

Instrument :

BNA_G

ClientSampled :

MW-30

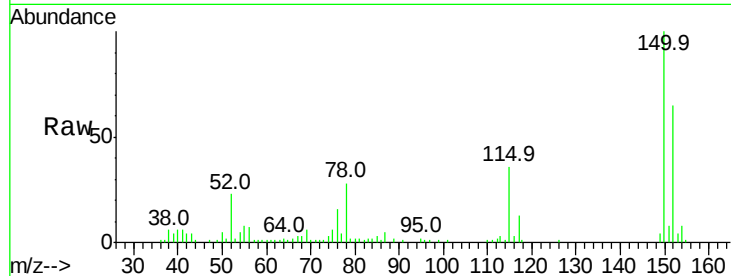
Tot Ion:152 Resp: 34753

Ion Ratio Lower Upper

152 100

150 154.5 115.0 172.4

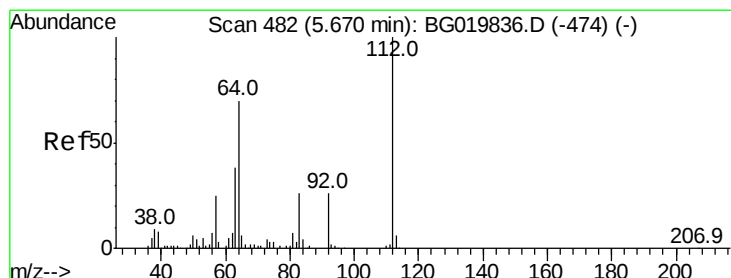
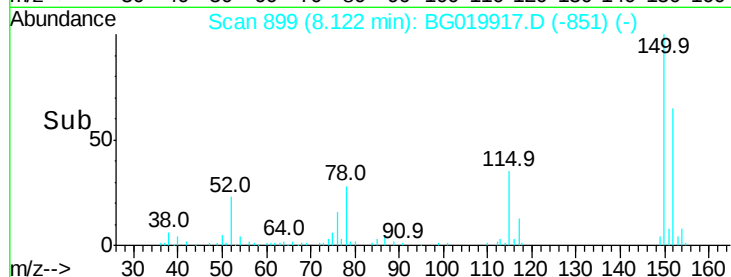
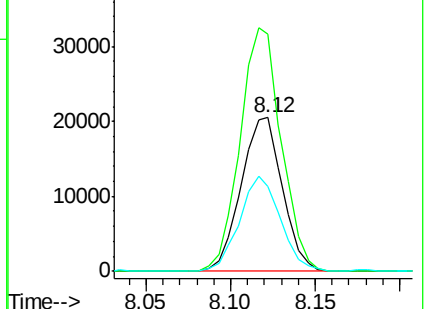
115 54.9 43.9 65.9



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: 61.34 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019917.D

Acq: 4 Dec 2015 23:00

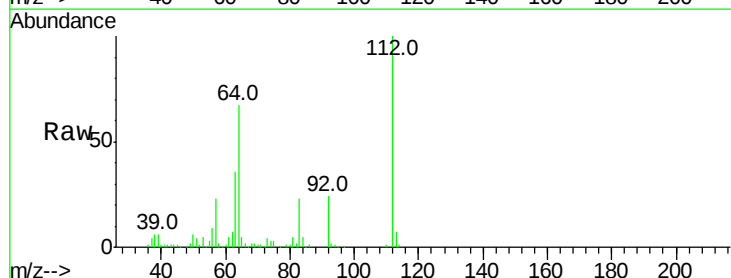
Tgt Ion:112 Resp: 117955

Ion Ratio Lower Upper

112 100

64 67.1 43.7 65.5#

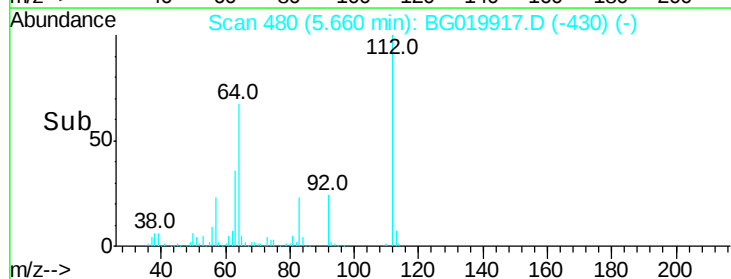
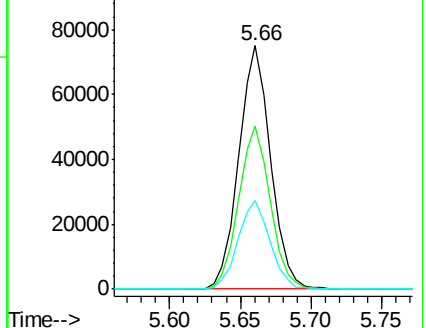
63 36.4 24.0 36.0#

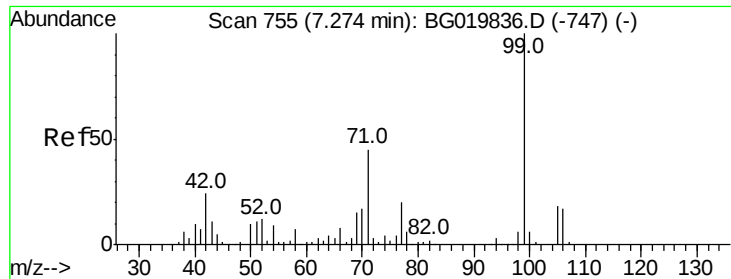


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 37.59 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019917.D

Acq: 4 Dec 2015 23:00

Instrument :

BNA_G

ClientSampleId :

MW-30

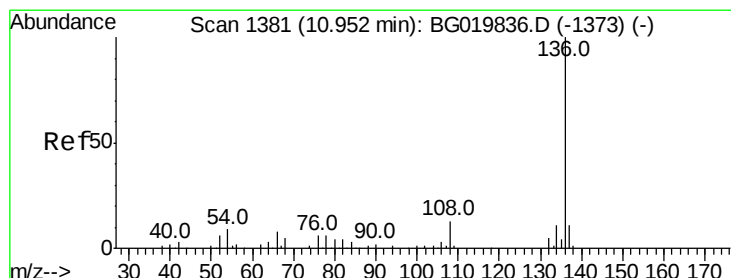
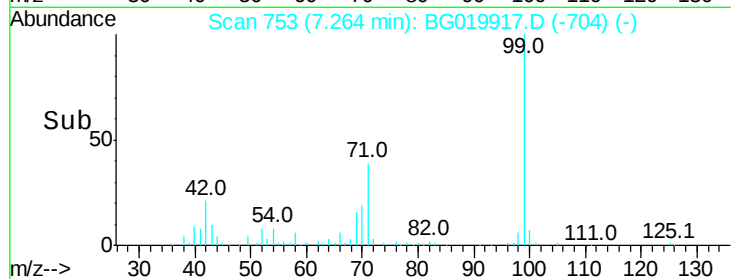
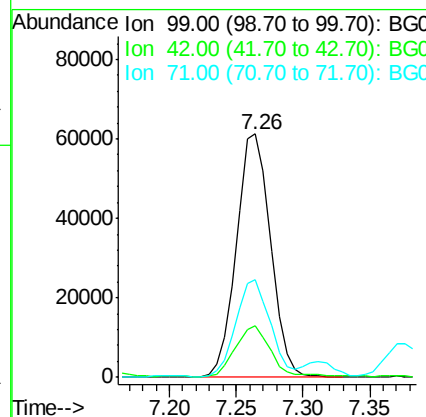
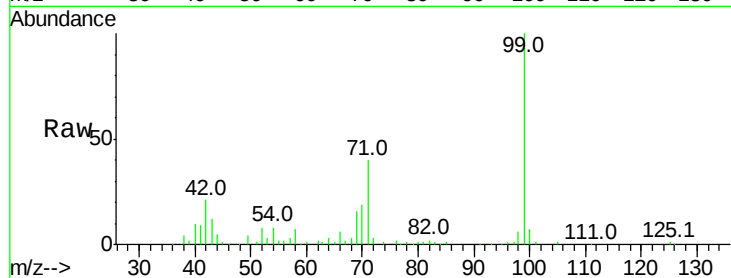
Tot Ion: 99 Resp: 109142

Ion Ratio Lower Upper

99 100

42 21.3 11.5 17.3#

71 40.3 22.6 34.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.94 min Scan# 1378

Delta R.T. -0.02 min

Lab File: BG019917.D

Acq: 4 Dec 2015 23:00

Tgt Ion: 136 Resp: 144043

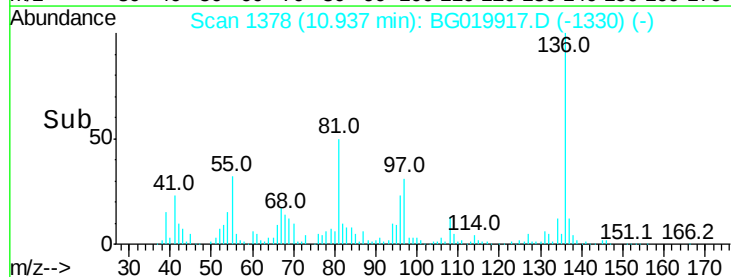
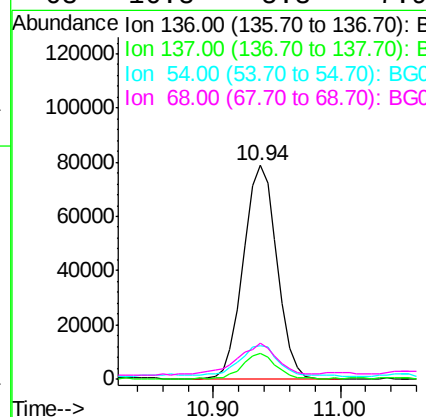
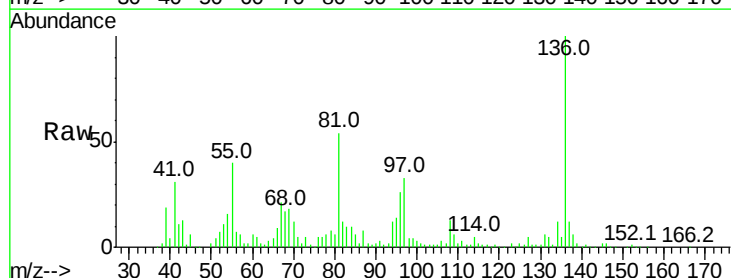
Ion Ratio Lower Upper

136 100

137 12.3 8.6 12.8

54 15.8 5.4 8.2#

68 16.8 5.3 7.9#

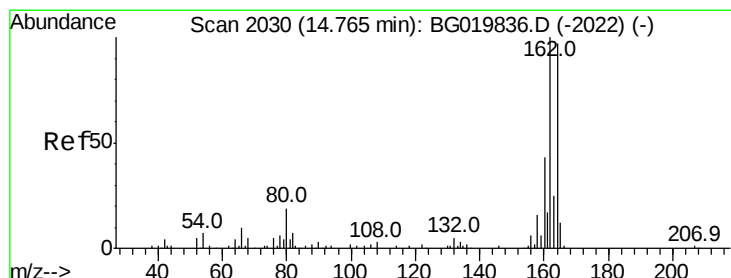
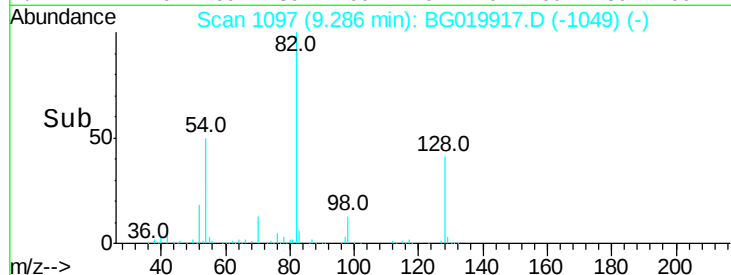
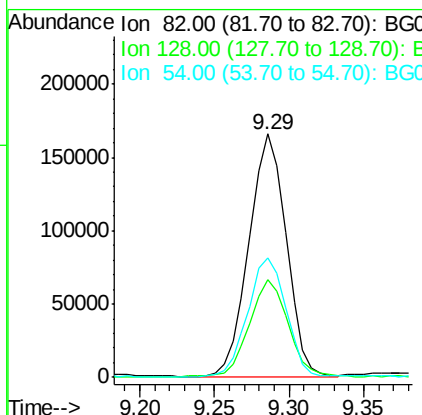
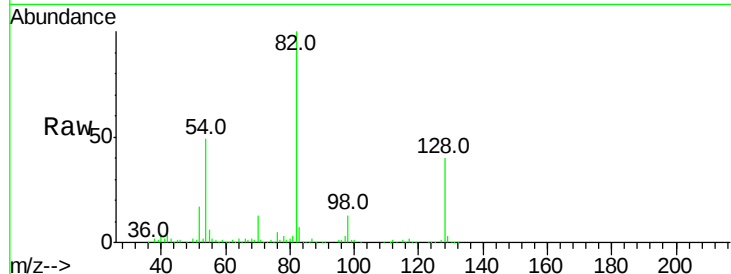




#23
Nitrobenzene-d5
Concen: 101.62 ng
RT: 9.29 min Scan# 1097
Delta R.T. -0.02 min
Lab File: BG019917.D
Acq: 4 Dec 2015 23:00

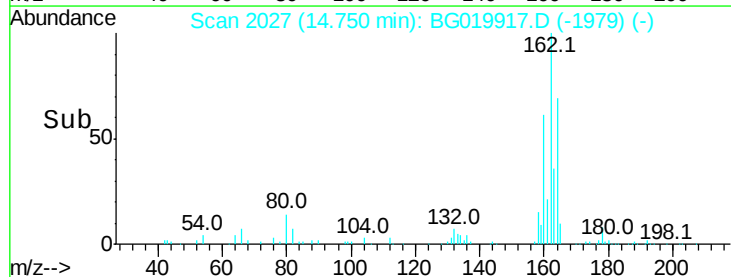
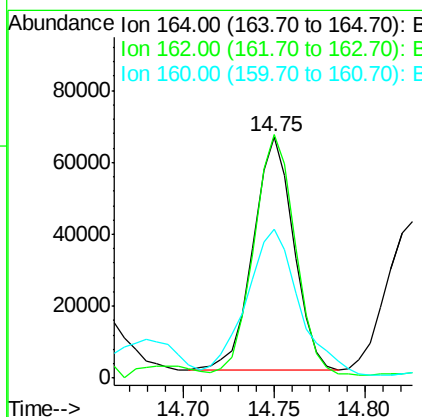
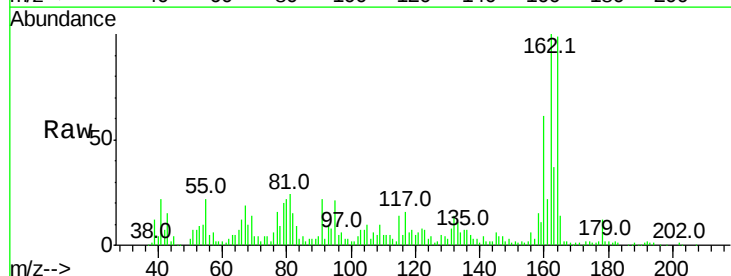
Instrument :
BNA_G
ClientSampleId :
MW-30

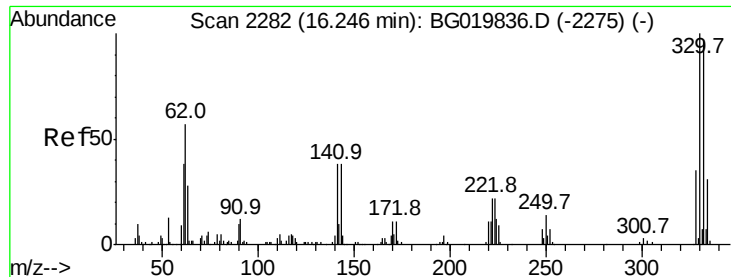
Tot Ion: 82 Resp: 286821
Ion Ratio Lower Upper
82 100
128 40.1 36.7 55.1
54 49.1 33.8 50.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BG019917.D
Acq: 4 Dec 2015 23:00

Tgt Ion: 164 Resp: 100547
Ion Ratio Lower Upper
164 100
162 101.0 78.8 118.2
160 61.7 36.4 54.6#

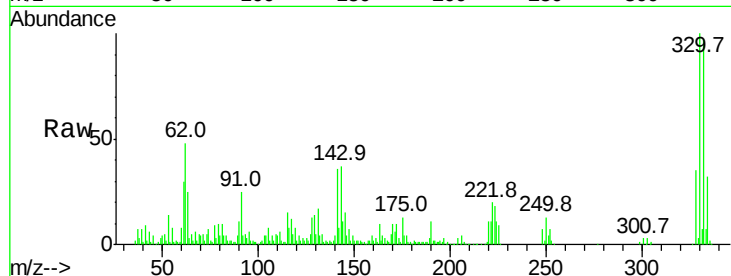




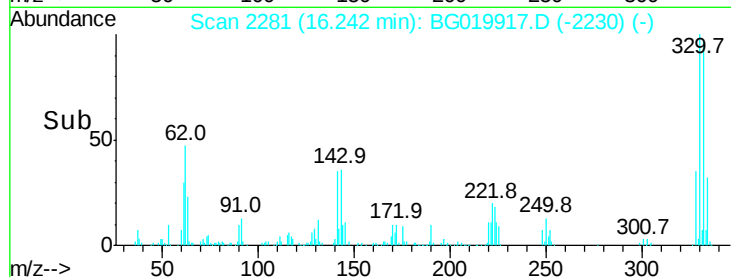
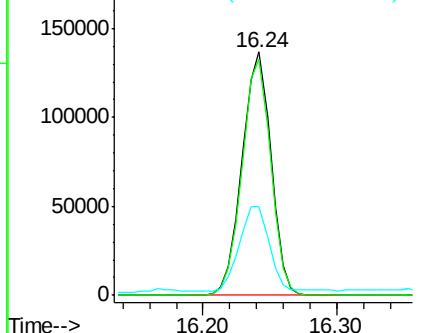
#41
 2,4,6-Tribromophenol
 Concen: 132.52 ng
 RT: 16.24 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BG019917.D
 Acq: 4 Dec 2015 23:00

Instrument :
 BNA_G
 ClientSampleId :
 MW-30

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.1	117.1
141	36.6	28.2	42.2

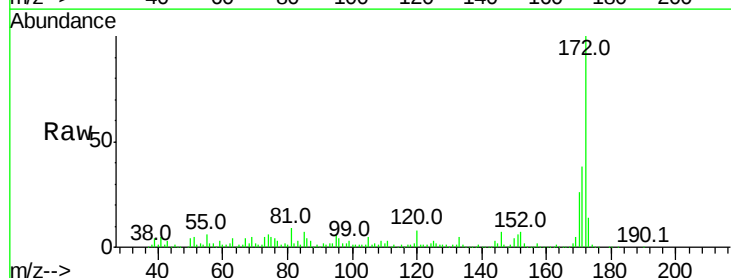


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

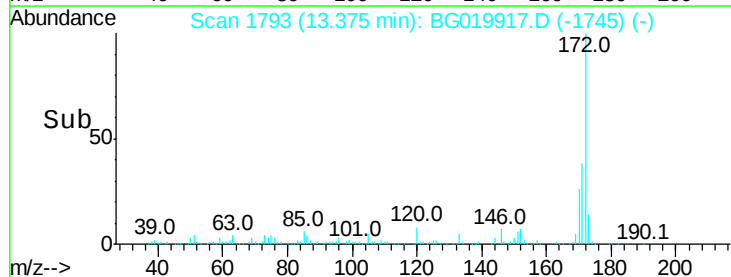
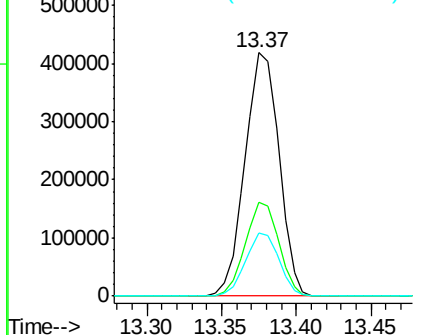


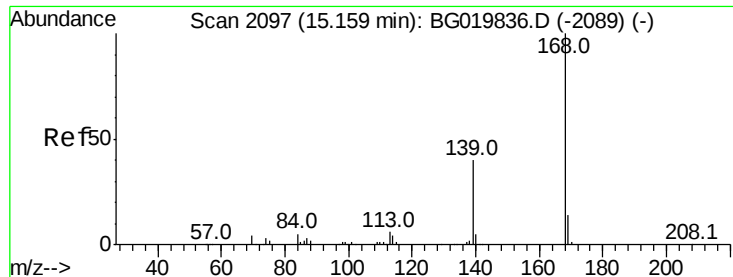
#44
 2-Fluorobiphenyl
 Concen: 89.83 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. -0.02 min
 Lab File: BG019917.D
 Acq: 4 Dec 2015 23:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	29.0	43.6
170	25.9	19.9	29.9



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





#54

Dibenzofuran

Concen: 2.36 ng

RT: 15.15 min Scan# 2095

Delta R.T. -0.01 min

Lab File: BG019917.D

Acq: 4 Dec 2015 23:00

Instrument :

BNA_G

ClientSampled :

MW-30

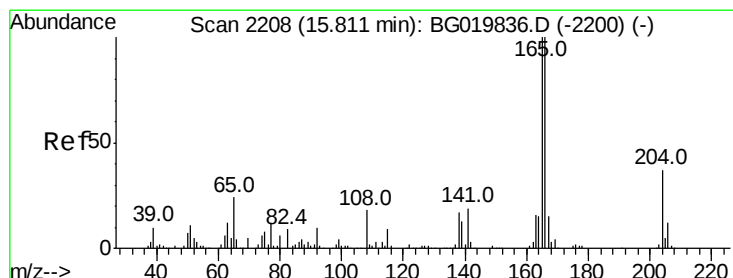
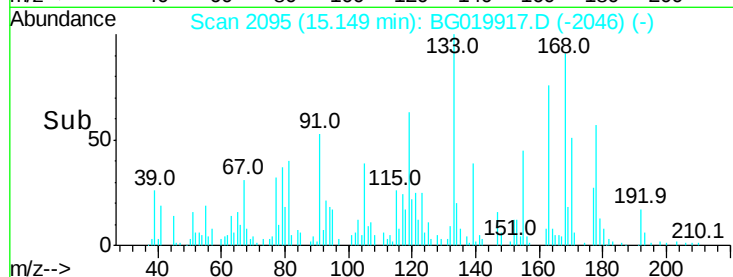
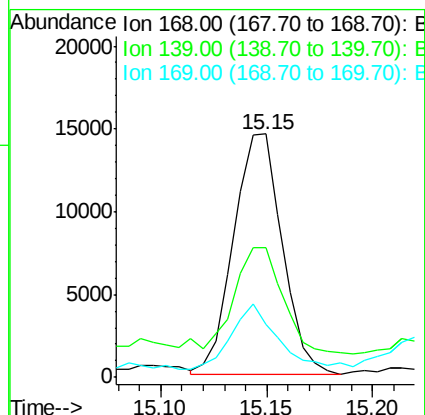
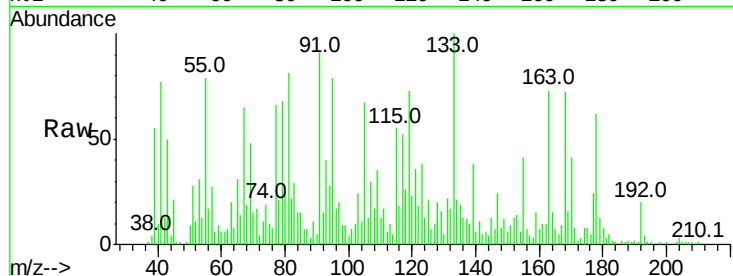
Tot Ion:168 Resp: 23097

Ion Ratio Lower Upper

168 100

139 53.5 27.4 41.0#

169 21.6 11.0 16.4#



#57

Fluorene

Concen: 2.03 ng

RT: 15.80 min Scan# 2205

Delta R.T. -0.02 min

Lab File: BG019917.D

Acq: 4 Dec 2015 23:00

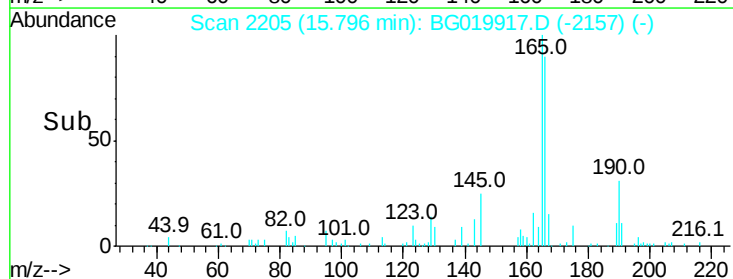
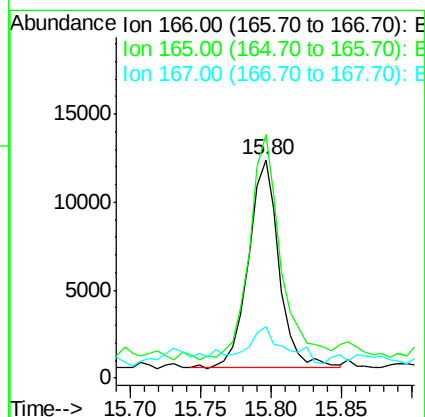
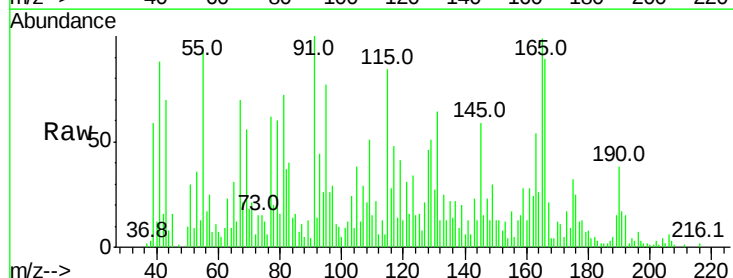
Tgt Ion:166 Resp: 17793

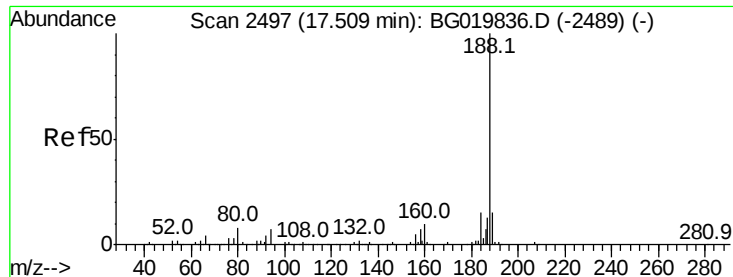
Ion Ratio Lower Upper

166 100

165 111.4 80.0 120.0

167 23.6 11.1 16.7#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2494

Delta R.T. -0.02 min

Lab File: BG019917.D

Acq: 4 Dec 2015 23:00

Instrument :

BNA_G

ClientSampleId :

MW-30

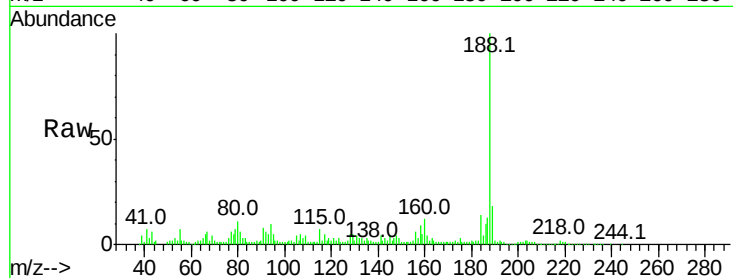
Tot Ion:188 Resp: 234987

Ion Ratio Lower Upper

188 100

94 9.8 7.7 11.5

80 10.8 7.8 11.8

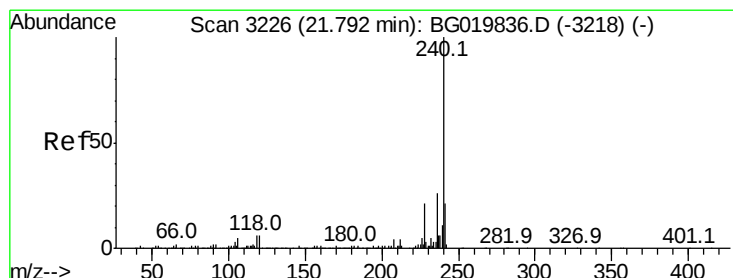
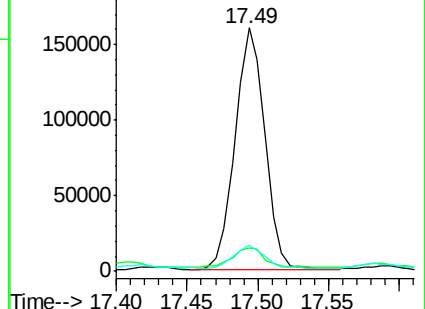
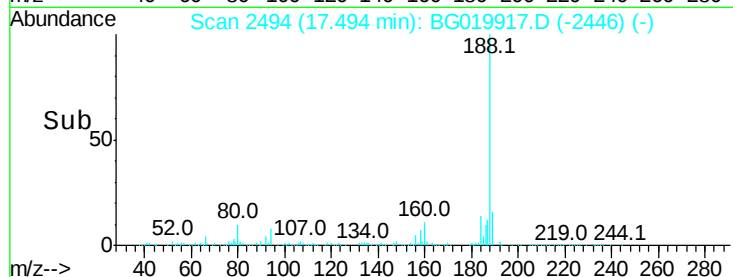


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

Time--> 17.40 17.45 17.50 17.55



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.77 min Scan# 3221

Delta R.T. -0.03 min

Lab File: BG019917.D

Acq: 4 Dec 2015 23:00

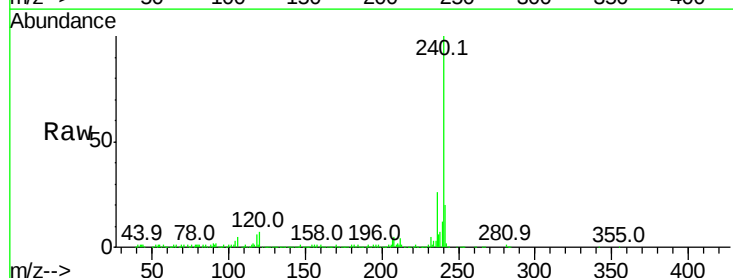
Tgt Ion:240 Resp: 295941

Ion Ratio Lower Upper

240 100

120 7.1 7.4 11.0#

236 26.3 20.7 31.1

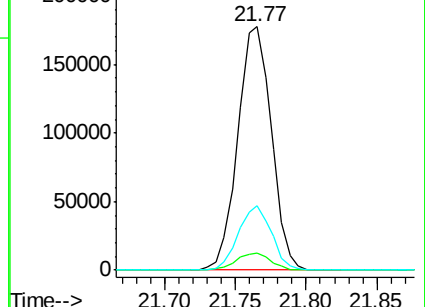
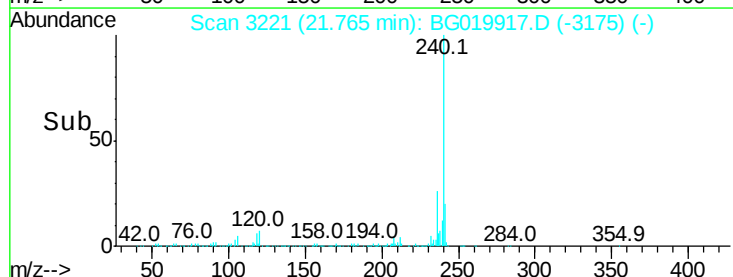


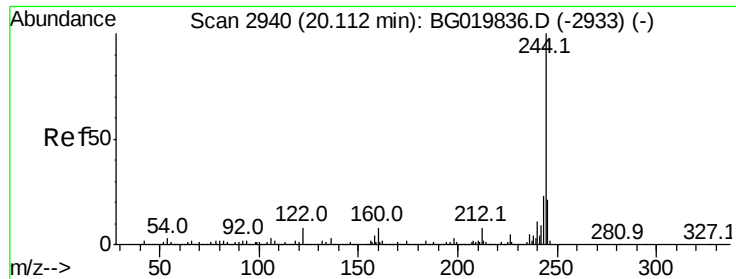
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time--> 21.70 21.75 21.80 21.85





#78

Terphenyl-d14

Concen: 83.75 ng

RT: 20.10 min Scan# 2937

Delta R.T. -0.01 min

Lab File: BG019917.D

Acq: 4 Dec 2015 23:00

Instrument :

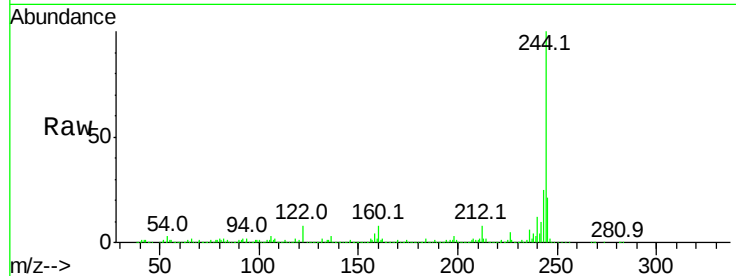
BNA_G

ClientSampleId :

MW-30

Tot Ion:244 Resp: 1016166

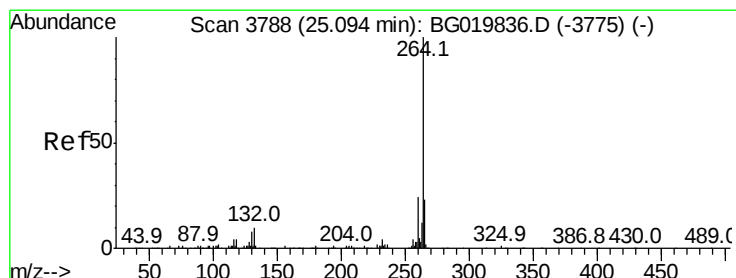
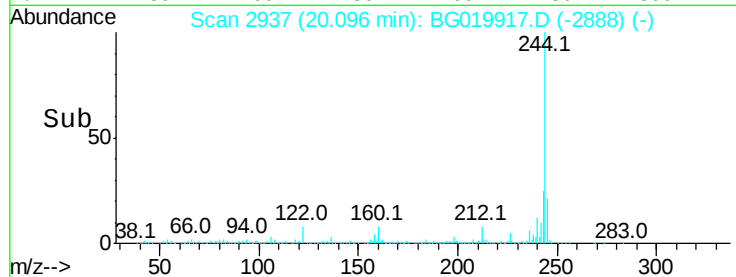
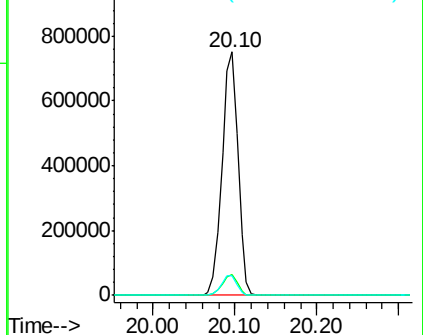
Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.9	10.3
122	8.2	10.2	15.2#



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: 25.04 min Scan# 3779

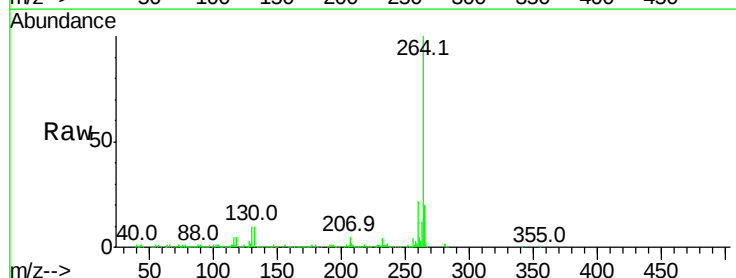
Delta R.T. -0.05 min

Lab File: BG019917.D

Acq: 4 Dec 2015 23:00

Tgt Ion:264 Resp: 282214

Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.5	27.7
265	19.8	17.2	25.8



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

