

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061217\
 Data File : BF095885.D
 Acq On : 12 Jun 2017 22:16
 Operator : SJ/MA
 Sample : I3598-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 13 05:35:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

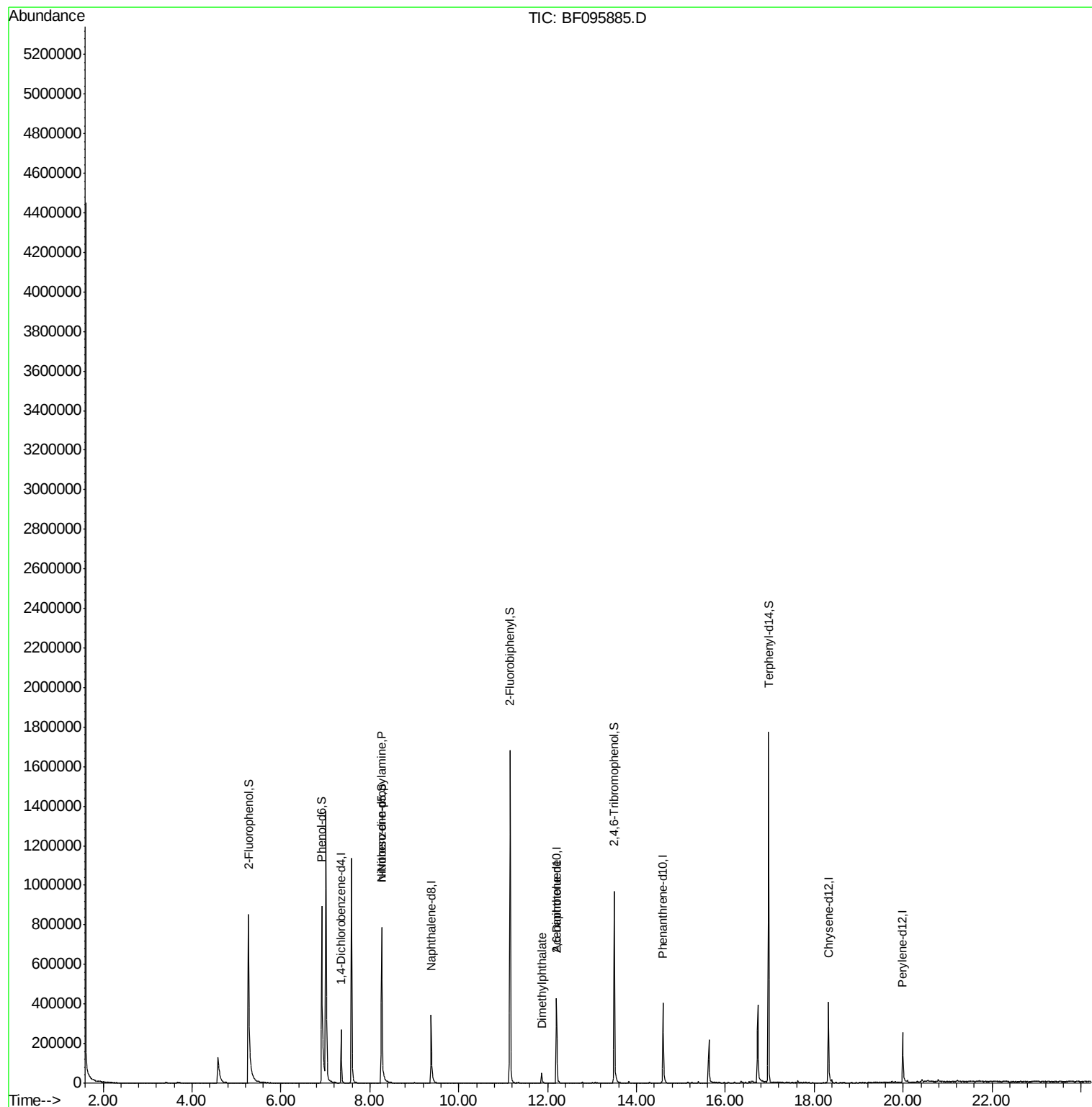
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	65696	20.00	ng	-0.05
21) Naphthalene-d8	9.38	136	279320	20.00	ng	-0.05
38) Acenaphthene-d10	12.20	164	131923	20.00	ng	-0.06
63) Phenanthrene-d10	14.59	188	255052	20.00	ng	-0.05
75) Chrysene-d12	18.32	240	204080	20.00	ng	-0.04
86) Perylene-d12	19.99	264	134282	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	567411	137.63	ng	-0.02
7) Phenol-d6	6.92	99	658307	133.37	ng	-0.04
23) Nitrobenzene-d5	8.27	82	430672	95.76	ng	-0.05
41) 2,4,6-Tribromophenol	13.50	330	179498	153.78	ng	-0.05
44) 2-Fluorobiphenyl	11.16	172	870486	91.82	ng	-0.06
78) Terphenyl-d14	16.97	244	775567	94.31	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.27	70	54058	17.28	ng	# 75
49) Dimethylphthalate	11.86	163	40683	4.06	ng	99
50) 2,6-Dinitrotoluene	12.20	165	16258	7.44	ng	# 31

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

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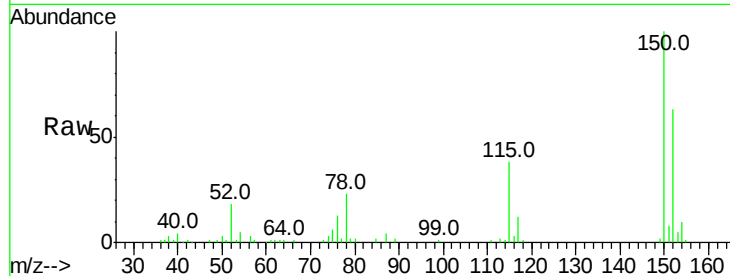


#1

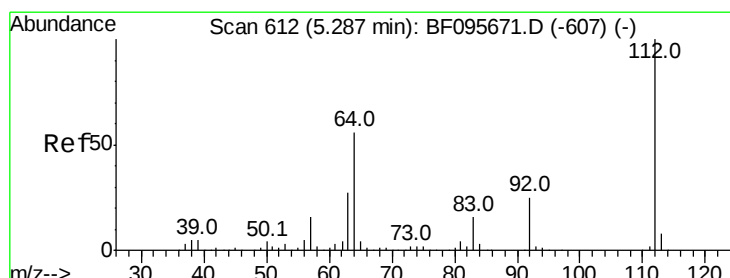
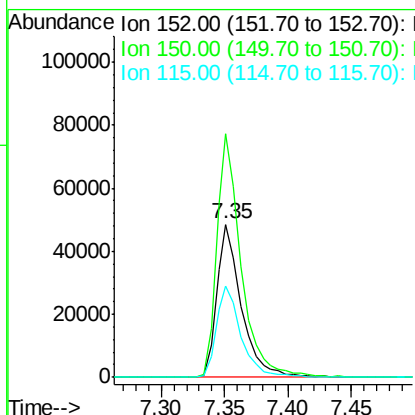
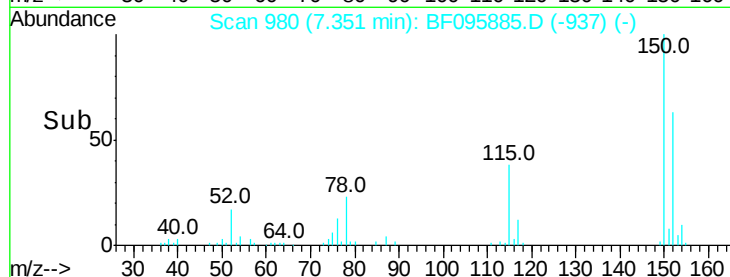
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.35 min Scan# 980
 Delta R.T. -0.05 min
 Lab File: BF095885.D
 Acq: 12 Jun 2017 22:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 65696
 Ion Ratio Lower Upper
 152 100
 150 159.1 126.2 189.2
 115 59.8 52.2 78.2



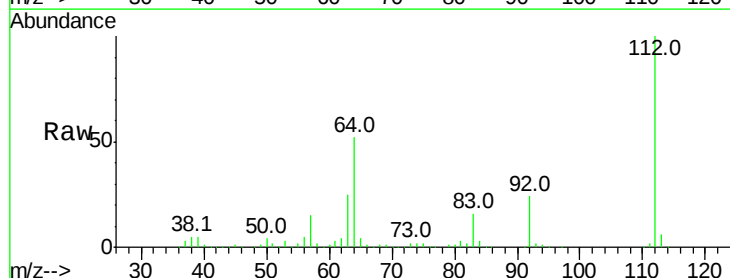
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



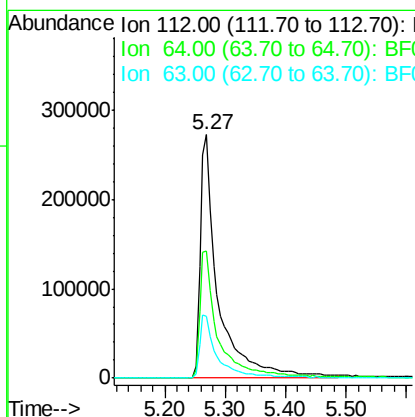
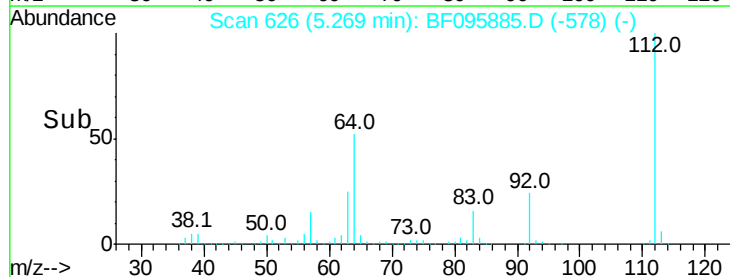
#5

2-Fluorophenol
 Concen: 137.63 ng
 RT: 5.27 min Scan# 626
 Delta R.T. -0.02 min
 Lab File: BF095885.D
 Acq: 12 Jun 2017 22:16

Tgt Ion:112 Resp: 567411
 Ion Ratio Lower Upper
 112 100
 64 52.5 46.0 69.0
 63 25.2 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 133.37 ng

RT: 6.92 min Scan# 906

Delta R.T. -0.04 min

Lab File: BF095885.D

Acq: 12 Jun 2017 22:16

Instrument :

BNA_F

ClientSampleId :

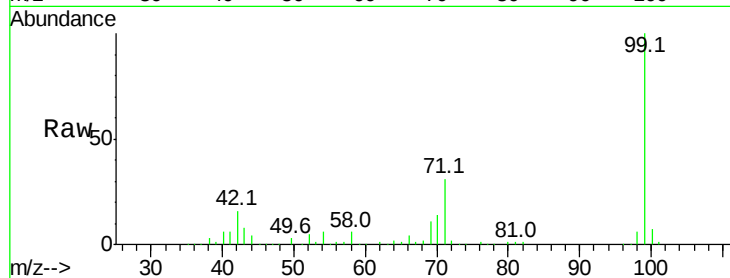
Tot Ion: 99 Resp: 658307

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

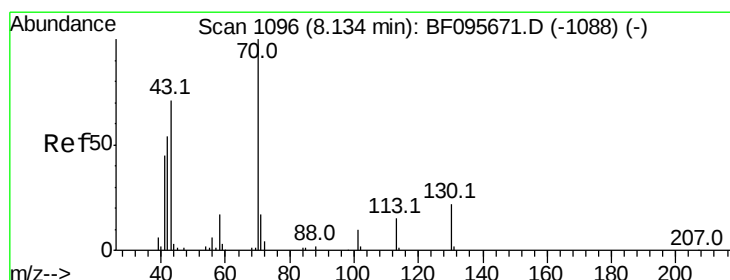
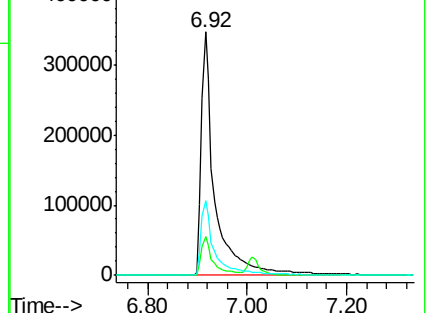
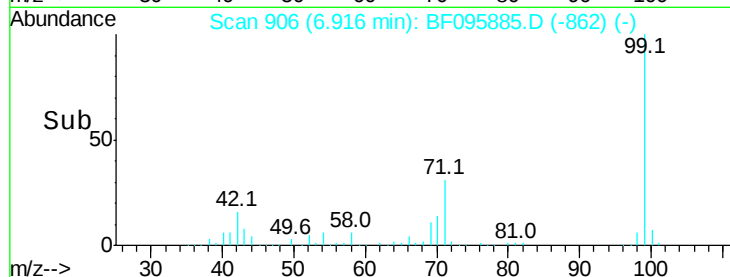
71 30.9 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 17.28 ng

RT: 8.27 min Scan# 1136

Delta R.T. 0.14 min

Lab File: BF095885.D

Acq: 12 Jun 2017 22:16

Tgt Ion: 70 Resp: 54058

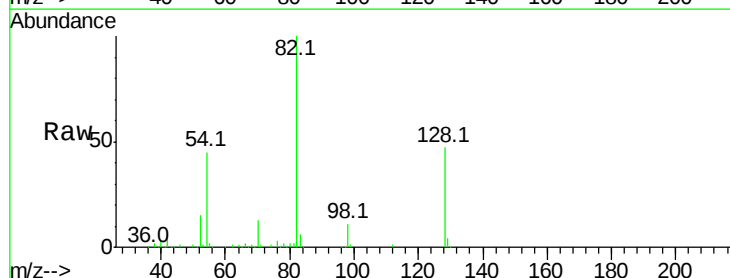
Ion Ratio Lower Upper

70 100

42 44.0 47.2 70.8#

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

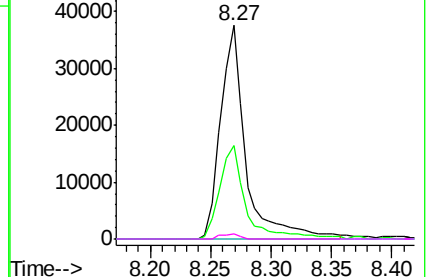
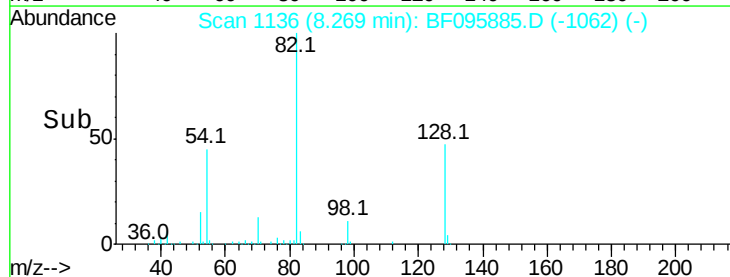


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.38 min Scan# 1325

Delta R.T. -0.05 min

Lab File: BF095885.D

Acq: 12 Jun 2017 22:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 279320

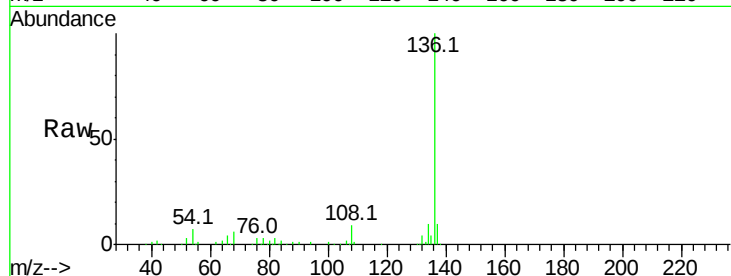
Ion Ratio Lower Upper

136 100

137 9.8 8.5 12.7

54 7.0 4.9 7.3

68 5.5 4.1 6.1

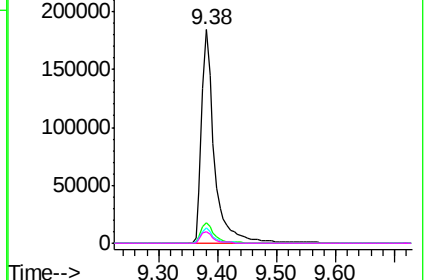
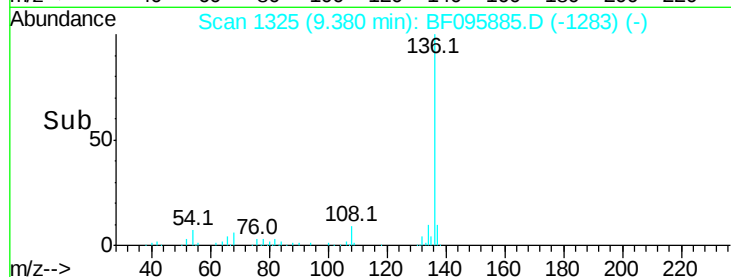


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 95.76 ng

RT: 8.27 min Scan# 1136

Delta R.T. -0.05 min

Lab File: BF095885.D

Acq: 12 Jun 2017 22:16

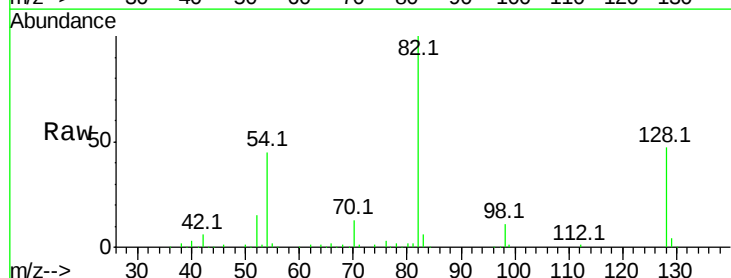
Tgt Ion: 82 Resp: 430672

Ion Ratio Lower Upper

82 100

128 46.7 34.0 51.0

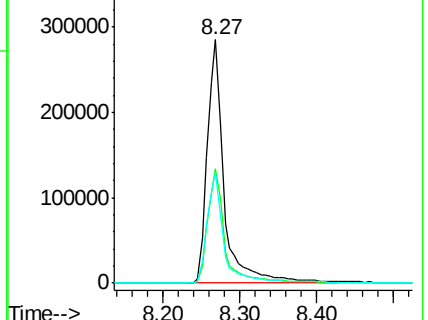
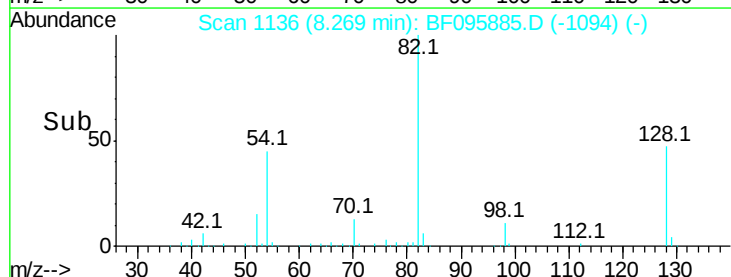
54 45.3 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

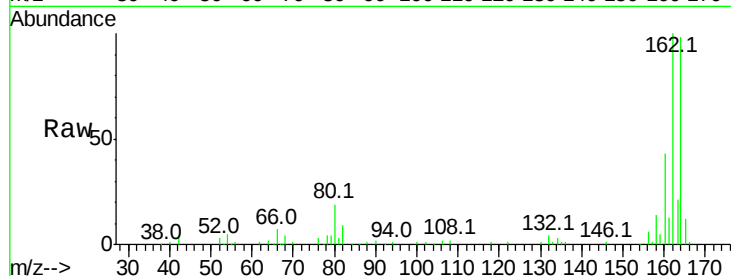




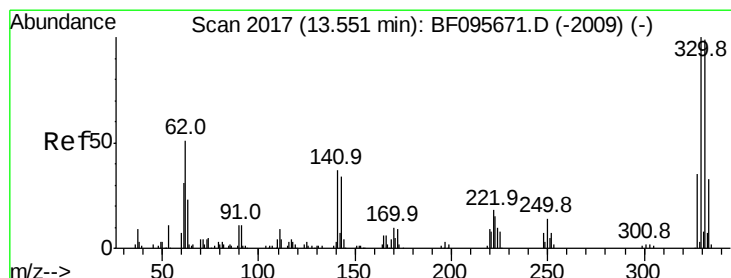
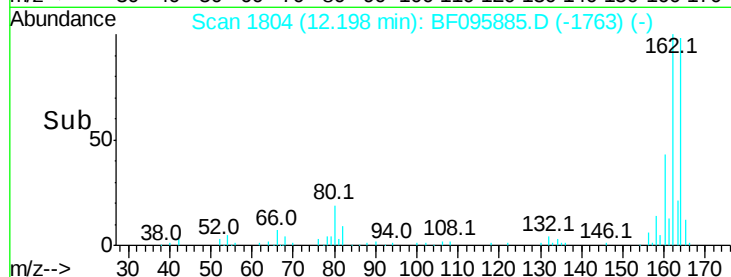
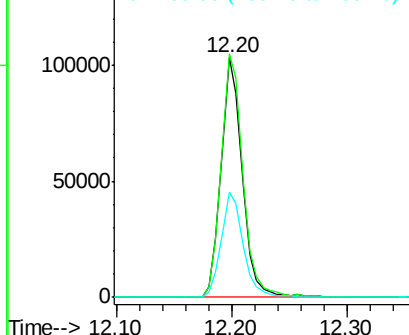
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.20 min Scan# 1804
Delta R.T. -0.06 min
Lab File: BF095885.D
Acq: 12 Jun 2017 22:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 131923
Ion Ratio Lower Upper
164 100
162 101.7 82.6 123.8
160 43.8 36.2 54.2

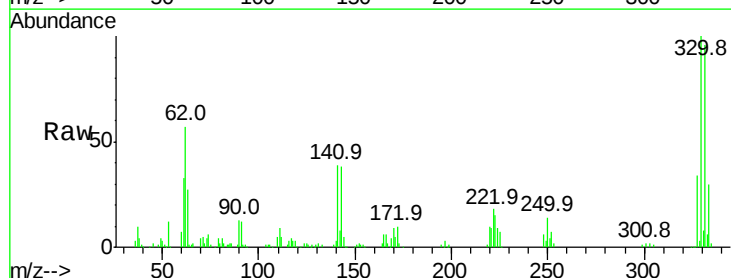


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

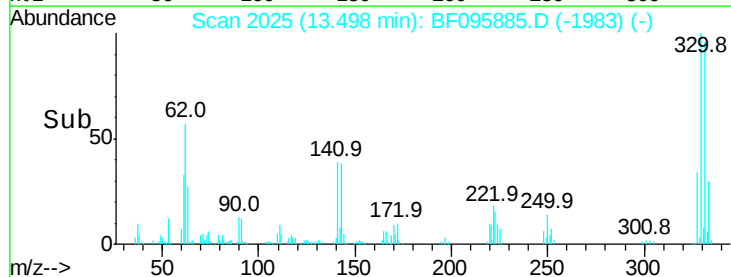
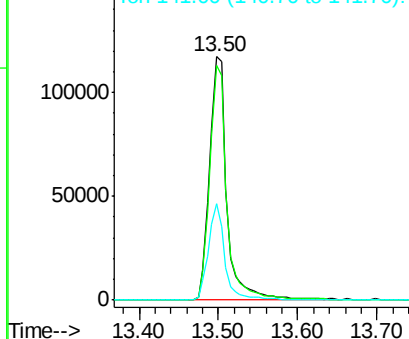


#41
2,4,6-Tribromophenol
Concen: 153.78 ng
RT: 13.50 min Scan# 2025
Delta R.T. -0.05 min
Lab File: BF095885.D
Acq: 12 Jun 2017 22:16

Tgt Ion:330 Resp: 179498
Ion Ratio Lower Upper
330 100
332 95.2 76.6 115.0
141 37.3 31.4 47.2



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

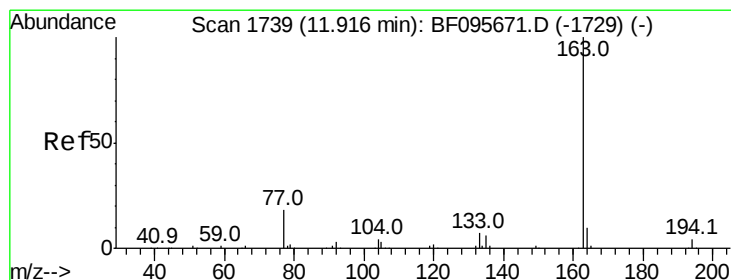
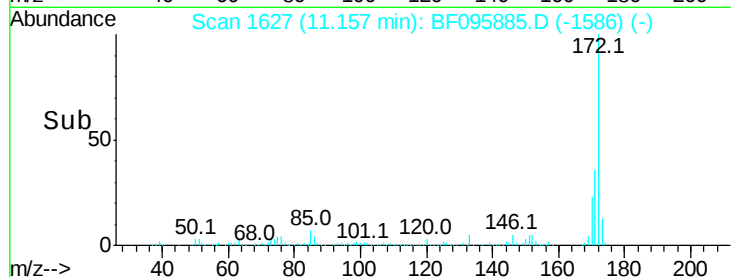
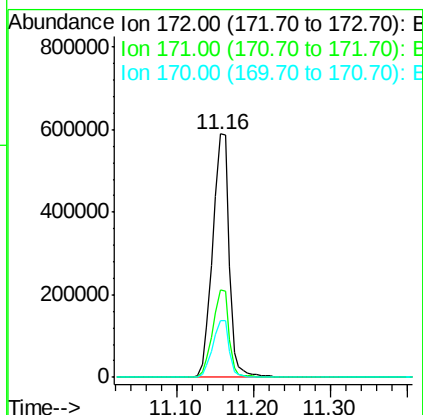
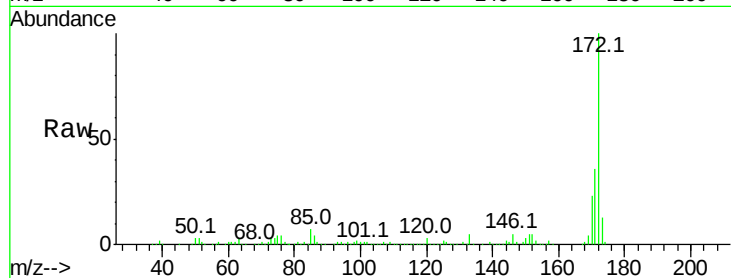




#44
2-Fluorobiphenyl
Concen: 91.82 ng
RT: 11.16 min Scan# 1627
Delta R.T. -0.06 min
Lab File: BF095885.D
Acq: 12 Jun 2017 22:16

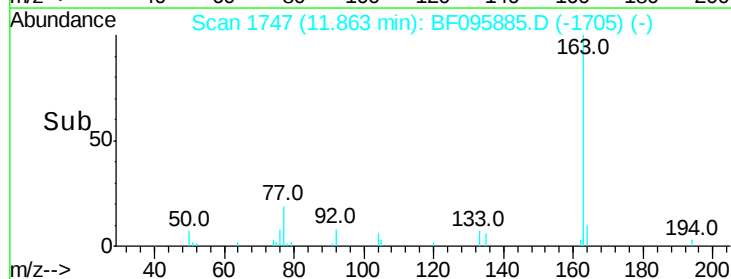
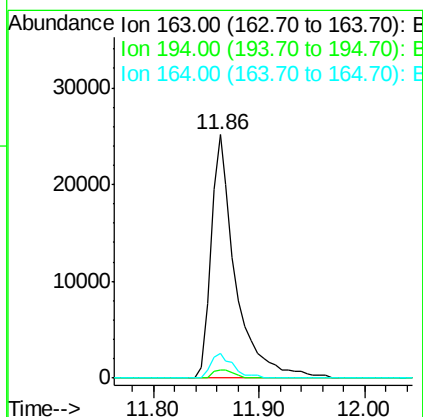
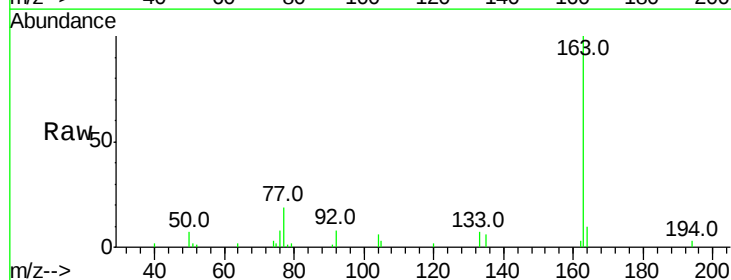
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.4	19.8	29.8



#49
Dimethylphthalate
Concen: 4.06 ng
RT: 11.86 min Scan# 1747
Delta R.T. -0.05 min
Lab File: BF095885.D
Acq: 12 Jun 2017 22:16

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.0	8.4	12.6

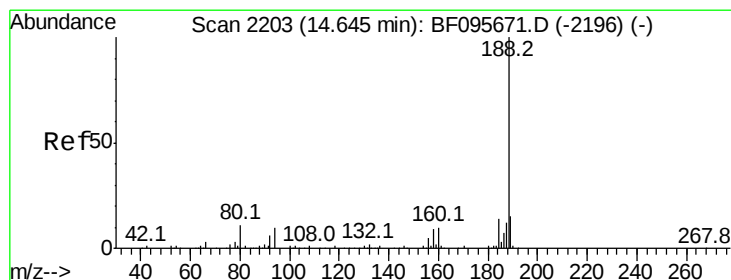
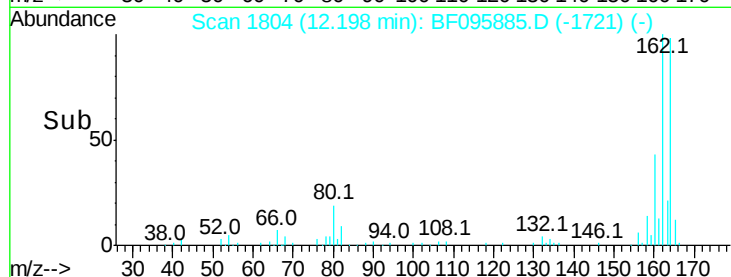
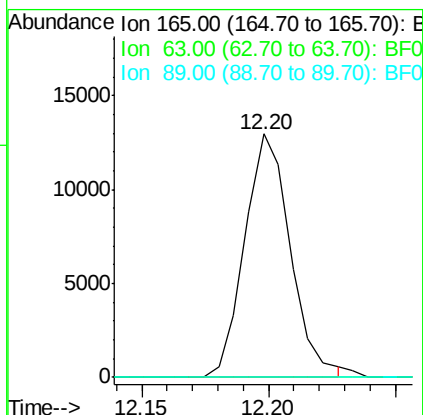
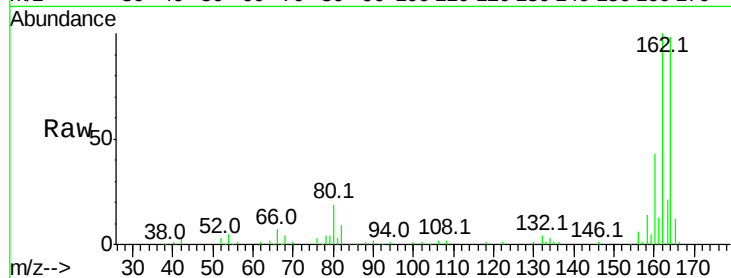




#50
 2,6-Dinitrotoluene
 Concen: 7.44 ng
 RT: 12.20 min Scan# 1804
 Delta R.T. 0.19 min
 Lab File: BF095885.D
 Acq: 12 Jun 2017 22:16

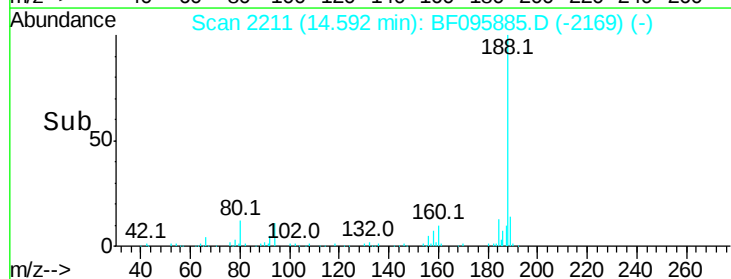
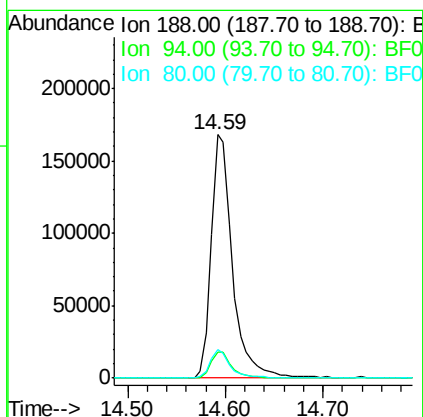
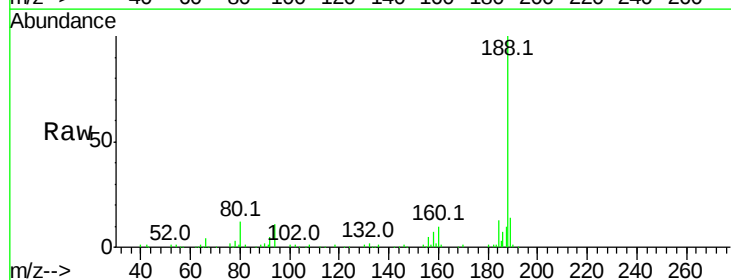
Instrument :
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 ClientSampleId :

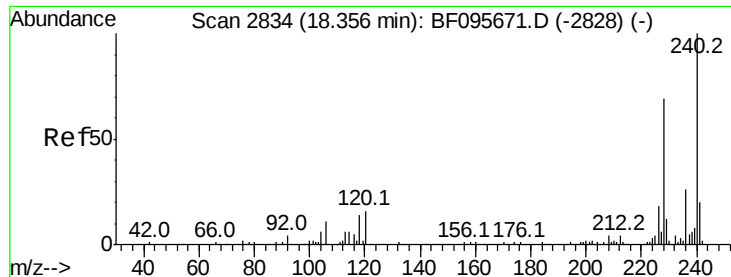
Tot Ion:165 Resp: 16258
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.59 min Scan# 2211
 Delta R.T. -0.05 min
 Lab File: BF095885.D
 Acq: 12 Jun 2017 22:16

Tgt Ion:188 Resp: 255052
 Ion Ratio Lower Upper
 188 100
 94 10.7 9.4 14.2
 80 11.6 10.2 15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.32 min Scan# 2844

Delta R.T. -0.04 min

Lab File: BF095885.D

Acq: 12 Jun 2017 22:16

Instrument :

BNA_F

ClientSampleId :

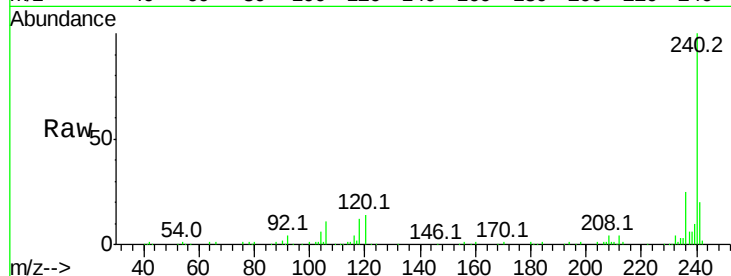
Tot Ion:240 Resp: 204080

Ion Ratio Lower Upper

240 100

120 14.3 5.8 8.8#

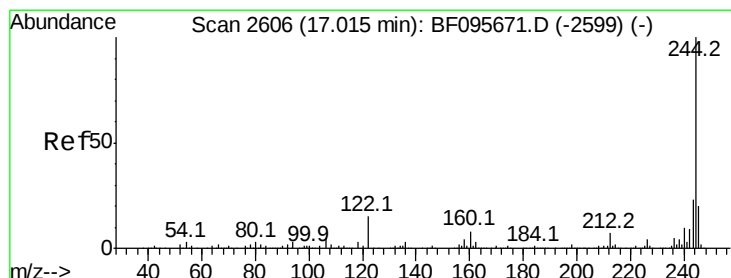
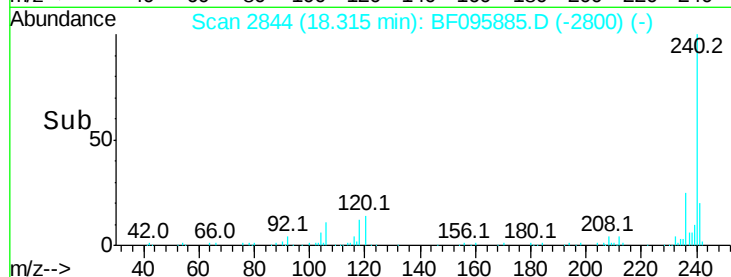
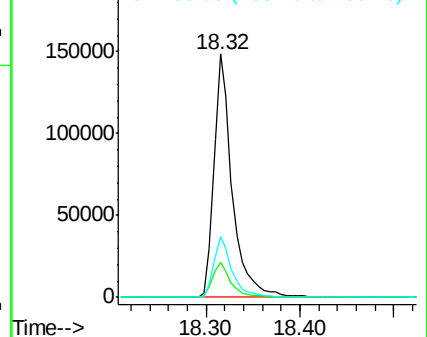
236 25.0 20.5 30.7



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: 94.31 ng

RT: 16.97 min Scan# 2616

Delta R.T. -0.04 min

Lab File: BF095885.D

Acq: 12 Jun 2017 22:16

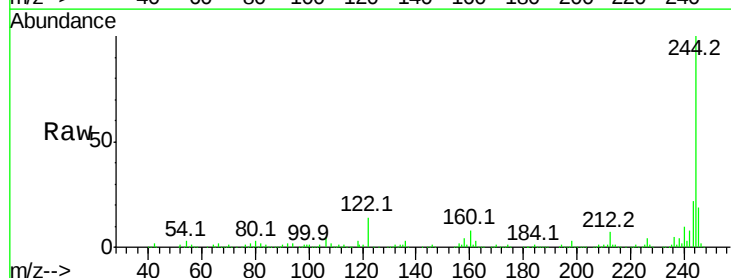
Tgt Ion:244 Resp: 775567

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

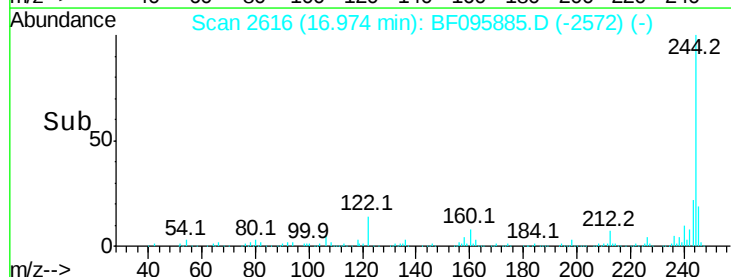
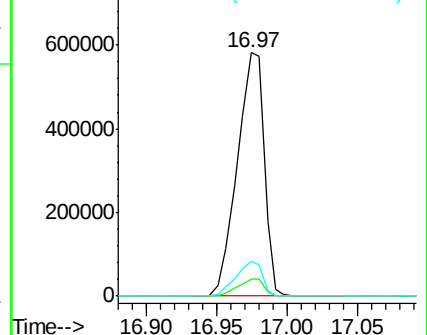
122 14.5 10.3 15.5

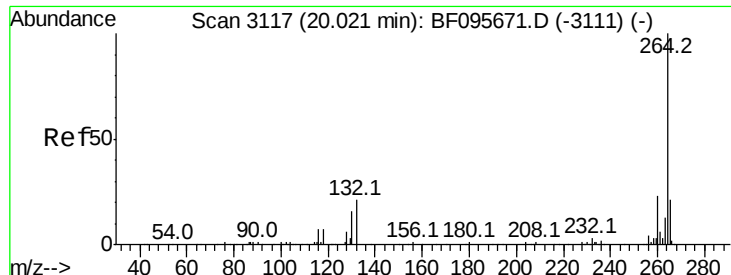


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

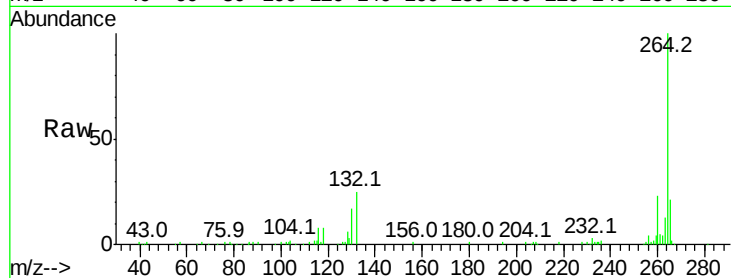




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 19.99 min Scan# 3128
 Delta R.T. -0.04 min
 Lab File: BF095885.D
 Acq: 12 Jun 2017 22:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 134282
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.5 29.3
 265 20.5 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

