

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
 Data File : BF088467.D
 Acq On : 27 Jun 2016 22:50
 Operator : UM/SJ
 Sample : H3630-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B1409-TP01E-1224

Quant Time: Jun 28 14:18:09 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 19:14:18 2016
 Response via : Initial Calibration

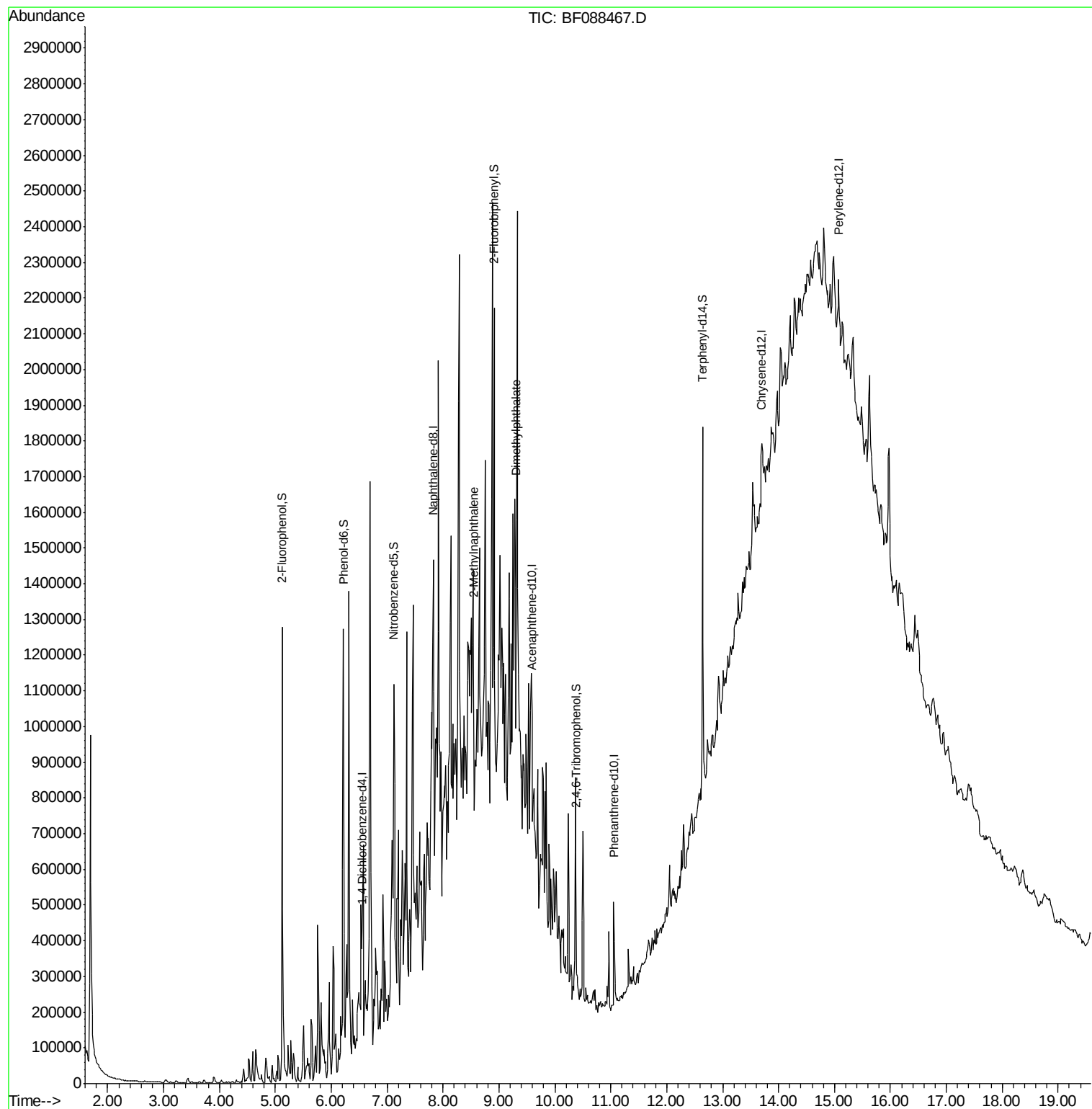
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	59877	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	201761	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	91463	20.00	ng	0.00
63) Phenanthrene-d10	11.05	188	159894	20.00	ng	-0.01
75) Chrysene-d12	13.69	240	110318	20.00	ng	0.00
86) Perylene-d12	15.07	264	91696	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	493770	140.98	ng	-0.01
7) Phenol-d6	6.22	99	663796	156.38	ng	-0.02
23) Nitrobenzene-d5	7.12	82	342213	99.04	ng	-0.02
41) 2,4,6-Tribromophenol	10.38	330	110072	113.98	ng	0.00
44) 2-Fluorobiphenyl	8.91	172	559211	96.82	ng	-0.01
78) Terphenyl-d14	12.64	244	397258	81.94	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.55	142	65364	9.93	ng	Qvalue # 91
49) Dimethylphthalate	9.31	163	89055	13.44	ng	98

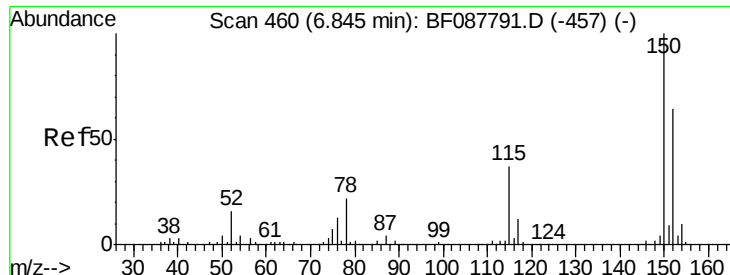
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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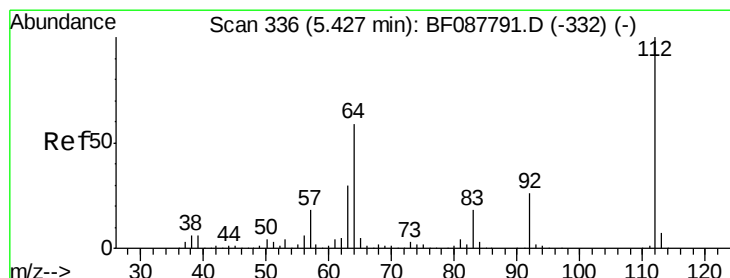
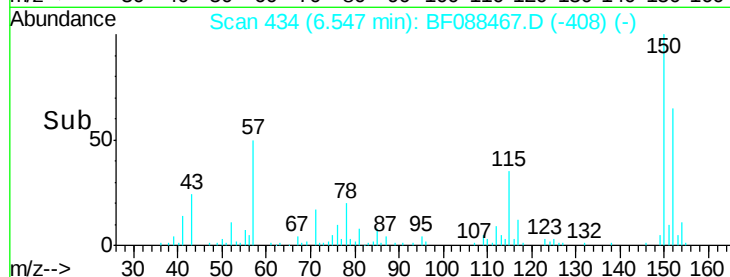
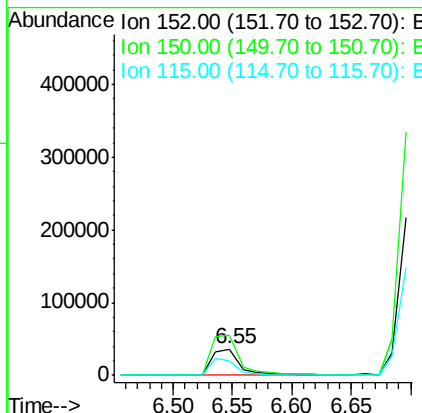
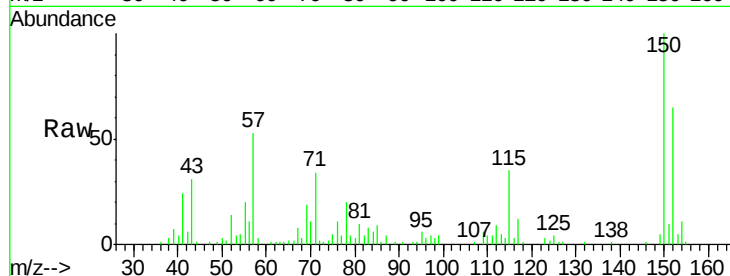


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF088467.D
Acq: 27 Jun 2016 22:50

Instrument :
BNA_F
ClientSampleId :
B1409-TP01E-1224

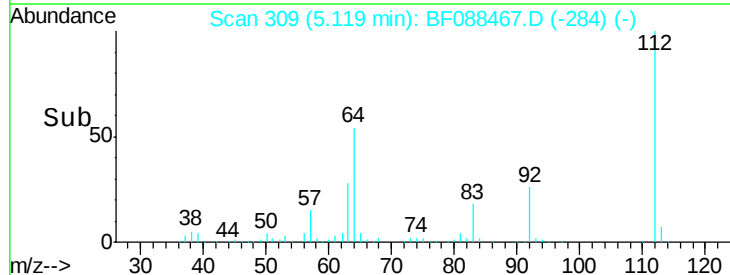
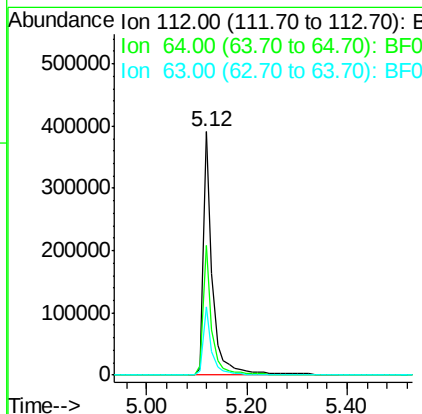
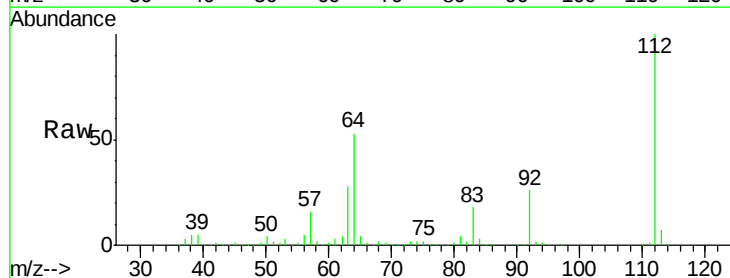
Tot Ion:152 Resp: 59877
Ion Ratio Lower Upper
152 100
150 154.0 123.8 185.6
115 53.8 39.6 59.4



#5

2-Fluorophenol
Concen: 140.98 ng
RT: 5.12 min Scan# 309
Delta R.T. -0.01 min
Lab File: BF088467.D
Acq: 27 Jun 2016 22:50

Tgt Ion:112 Resp: 493770
Ion Ratio Lower Upper
112 100
64 53.4 42.2 63.2
63 27.8 21.8 32.8





#7

Phenol-d6

Concen: 156.38 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.02 min

Lab File: BF088467.D

Acq: 27 Jun 2016 22:50

Instrument :

BNA_F

ClientSampleId :

B1409-TP01E-1224

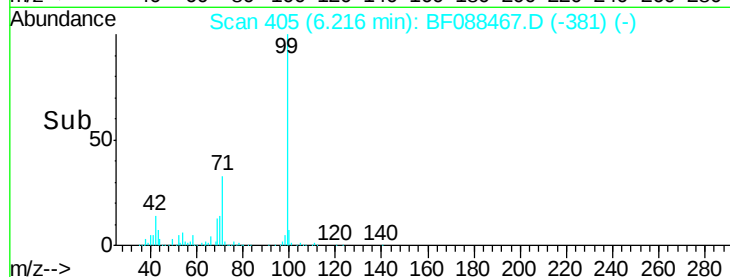
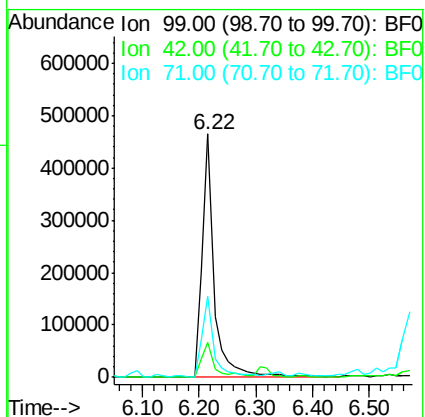
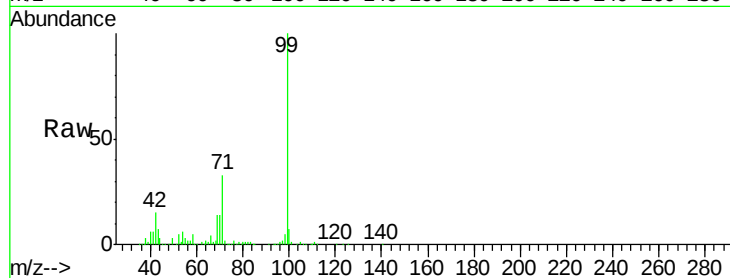
Tot Ion: 99 Resp: 663796

Ion Ratio Lower Upper

99 100

42 14.5 12.2 18.2

71 33.4 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.83 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF088467.D

Acq: 27 Jun 2016 22:50

Tgt Ion: 136 Resp: 201761

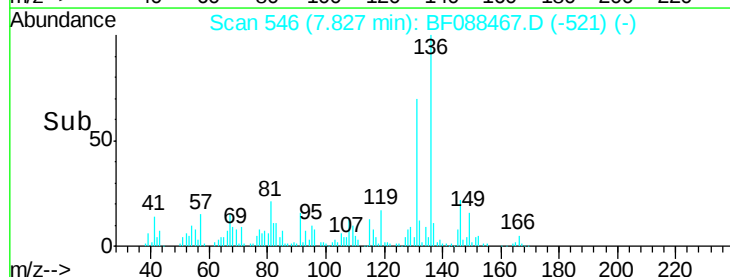
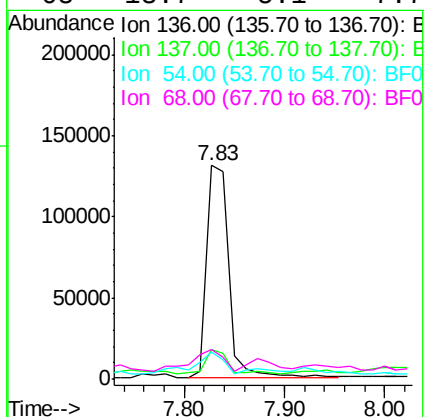
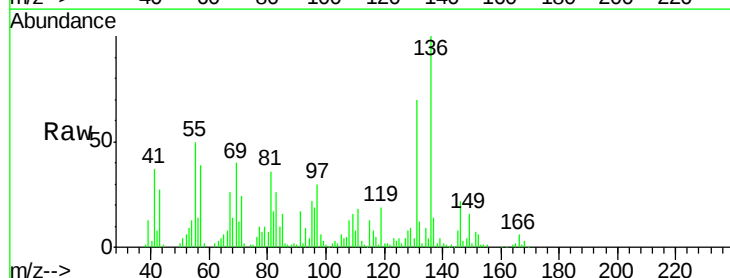
Ion Ratio Lower Upper

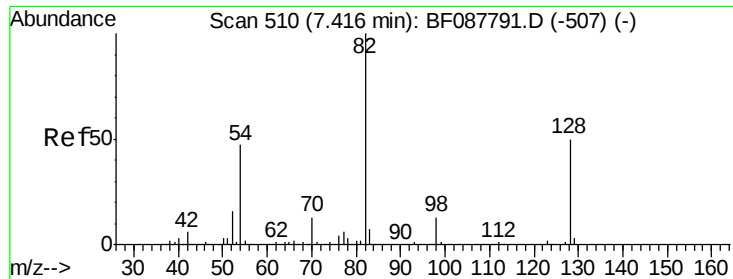
136 100

137 13.5 9.1 13.7

54 12.9 6.6 10.0#

68 13.7 5.1 7.7#

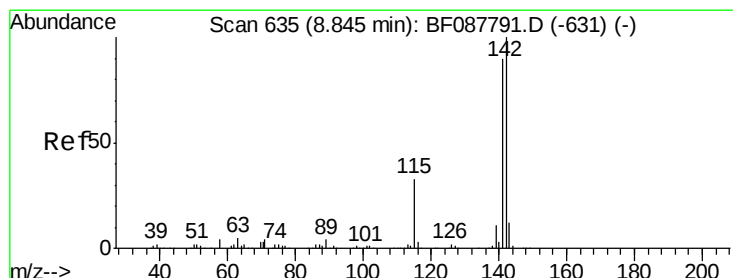
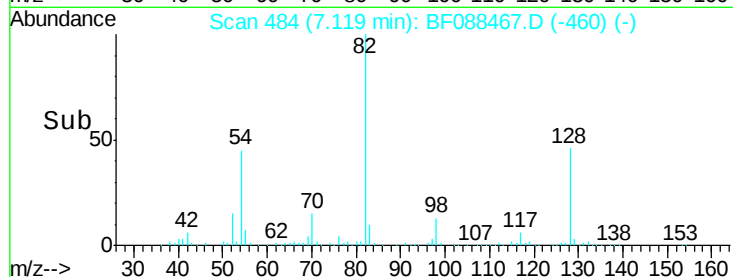
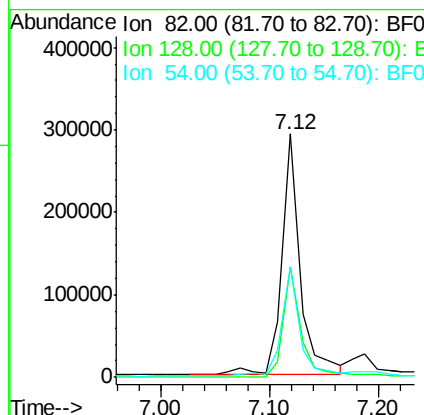
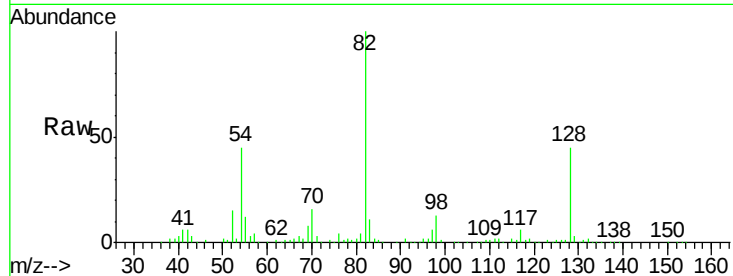




#23
 Nitrobenzene-d5
 Concen: 99.04 ng
 RT: 7.12 min Scan# 484
 Delta R.T. -0.02 min
 Lab File: BF088467.D
 Acq: 27 Jun 2016 22:50

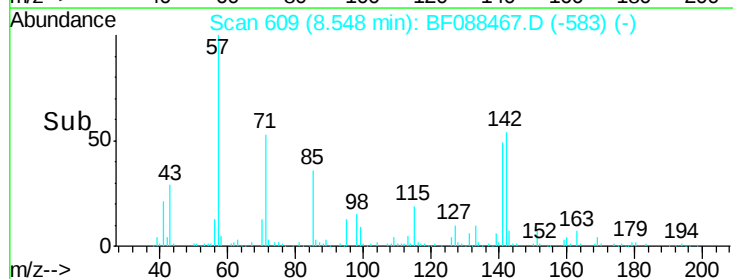
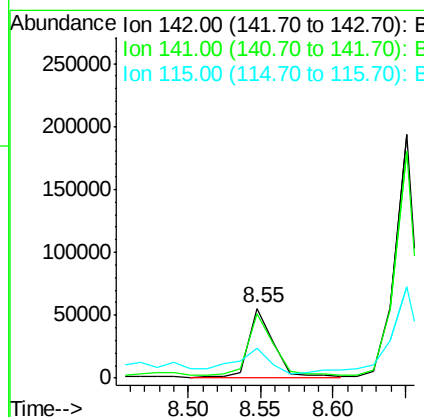
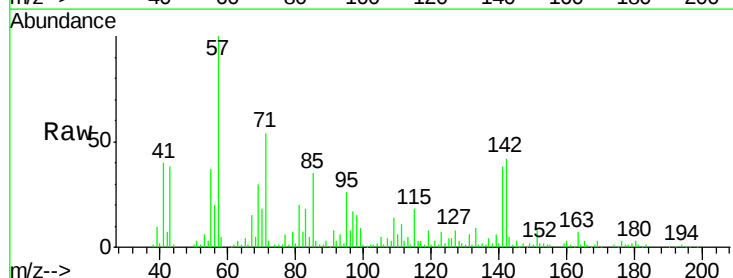
Instrument :
 BNA_F
 ClientSampleId :
 B1409-TP01E-1224

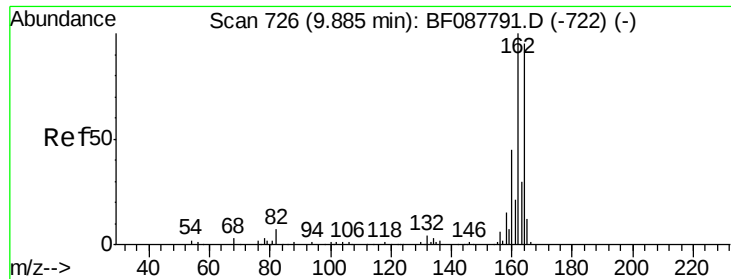
Tot Ion	82	Resp	342213
Ion Ratio	Lower	Upper	
82	100		
128	45.4	35.9	53.9
54	45.2	40.9	61.3



#37
 2-Methylnaphthalene
 Concen: 9.93 ng
 RT: 8.55 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF088467.D
 Acq: 27 Jun 2016 22:50

Tgt Ion	142	Resp	65364
Ion Ratio	Lower	Upper	
142	100		
141	92.3	71.0	106.6
115	42.1	22.6	33.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.59 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF088467.D

Acq: 27 Jun 2016 22:50

Instrument :

BNA_F

ClientSampleId :

B1409-TP01E-1224

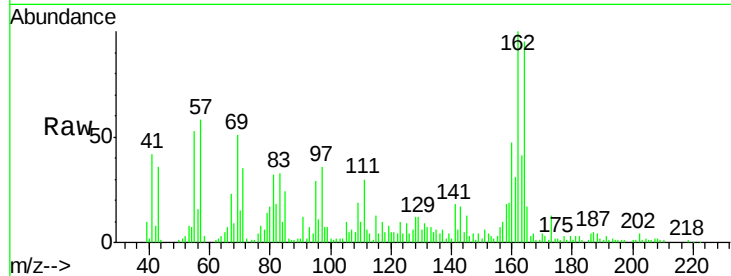
Tot Ion:164 Resp: 91463

Ion Ratio Lower Upper

164 100

162 105.6 85.4 128.2

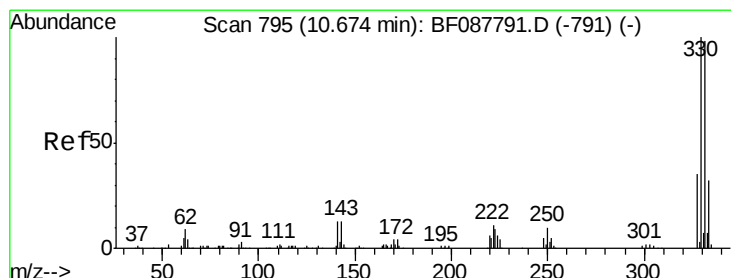
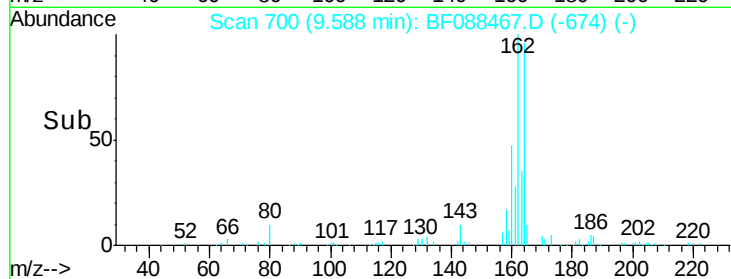
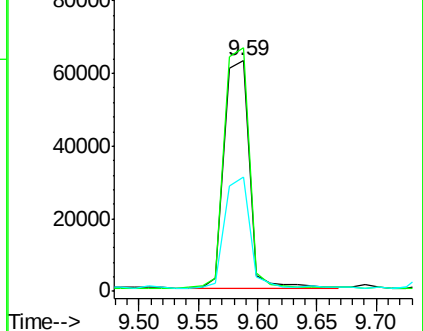
160 49.8 39.5 59.3



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: 113.98 ng

RT: 10.38 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF088467.D

Acq: 27 Jun 2016 22:50

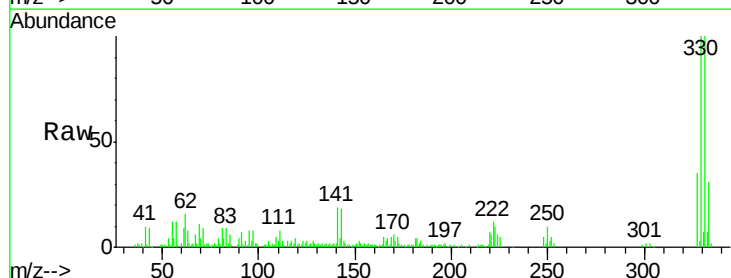
Tgt Ion:330 Resp: 110072

Ion Ratio Lower Upper

330 100

332 96.8 0.0 0.0#

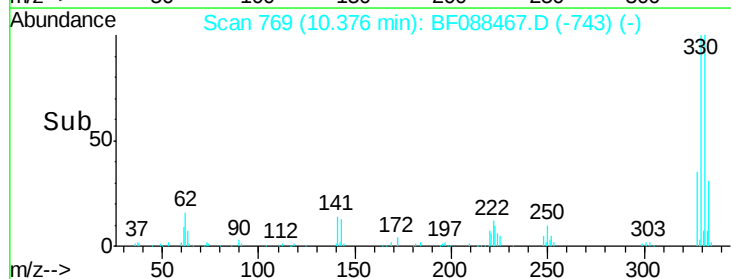
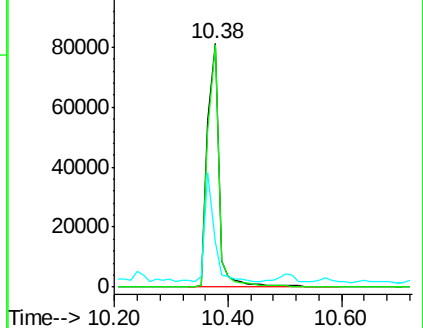
141 35.7 0.0 0.0#

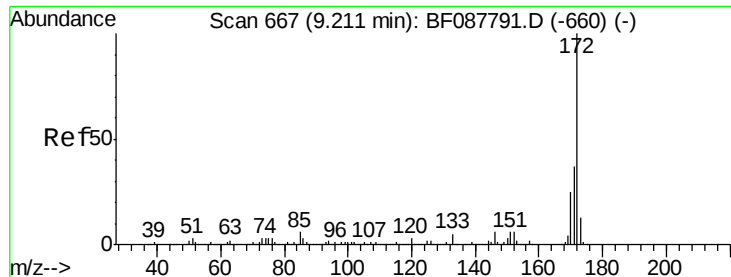


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 96.82 ng

RT: 8.91 min Scan# 641

Delta R.T. -0.01 min

Lab File: BF088467.D

Acq: 27 Jun 2016 22:50

Instrument :

BNA_F

ClientSampleId :

B1409-TP01E-1224

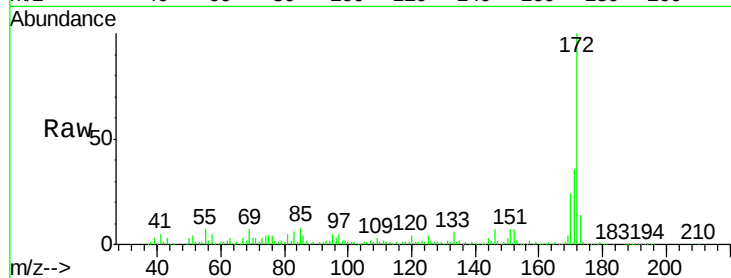
Tot Ion:172 Resp: 559211

Ion Ratio Lower Upper

172 100

171 36.1 28.6 43.0

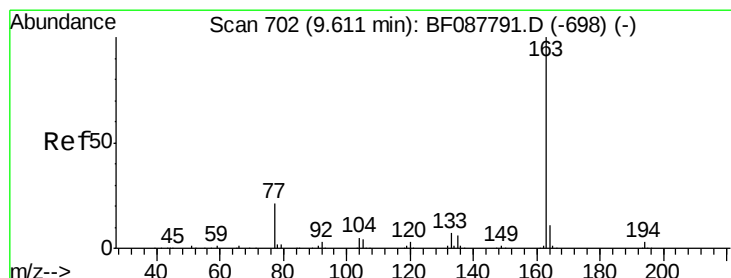
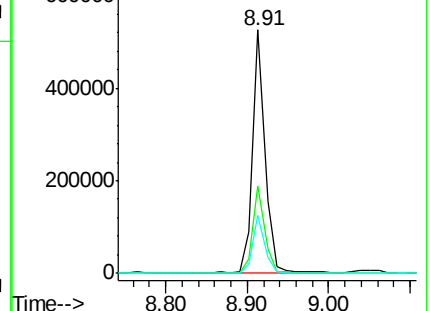
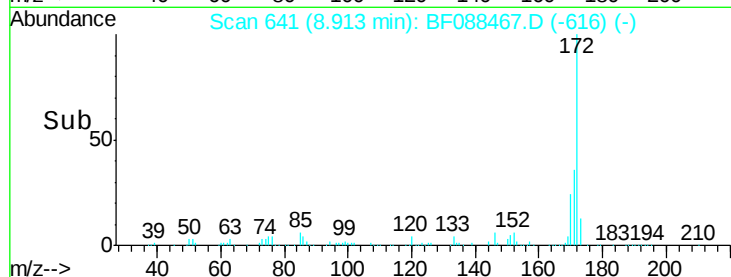
170 24.0 19.2 28.8



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: 13.44 ng

RT: 9.31 min Scan# 676

Delta R.T. -0.02 min

Lab File: BF088467.D

Acq: 27 Jun 2016 22:50

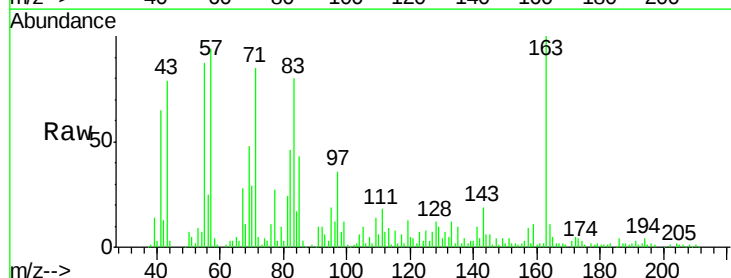
Tgt Ion:163 Resp: 89055

Ion Ratio Lower Upper

163 100

194 4.1 2.8 4.2

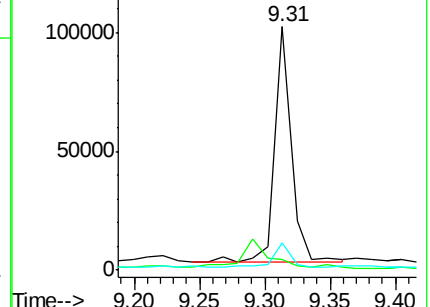
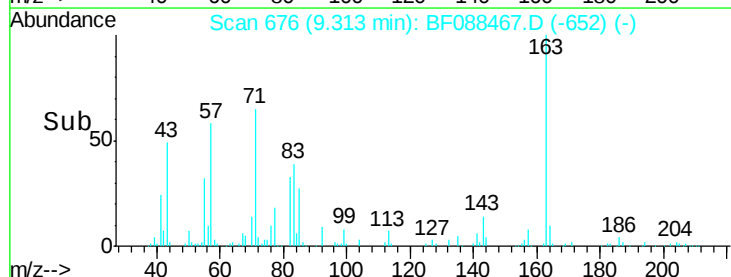
164 11.0 8.3 12.5

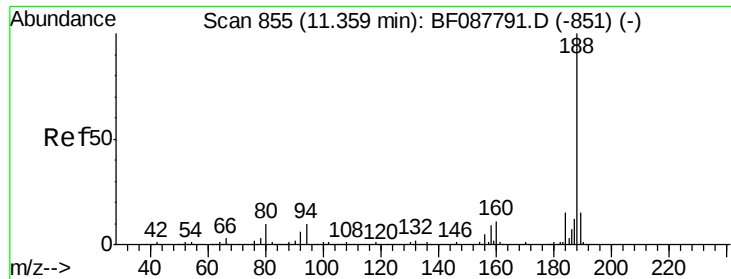


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

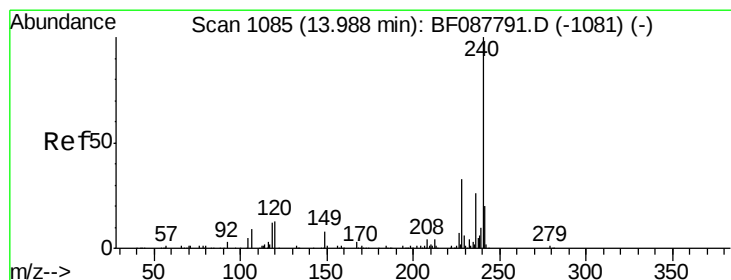
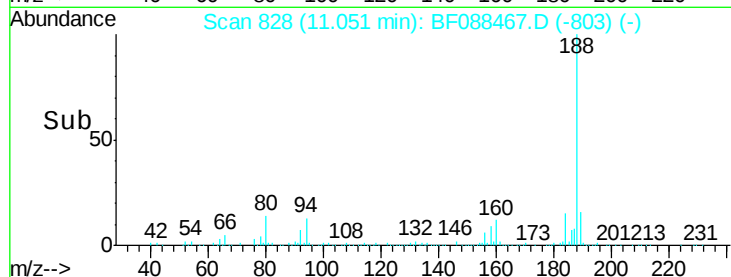
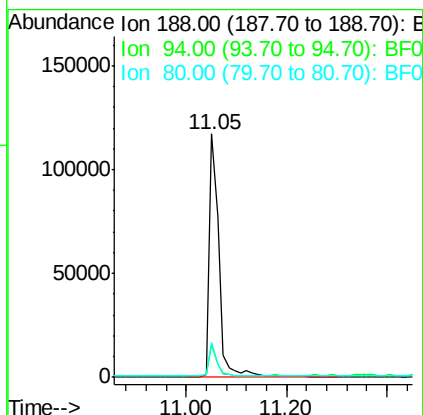
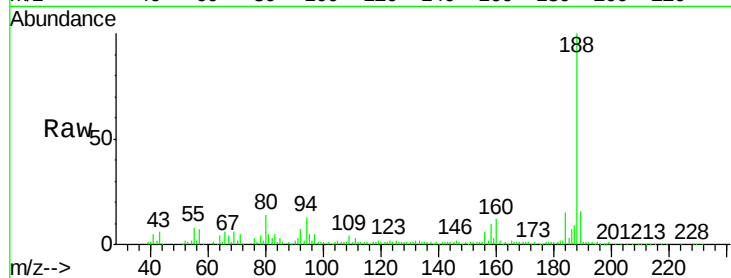




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF088467.D
Acq: 27 Jun 2016 22:50

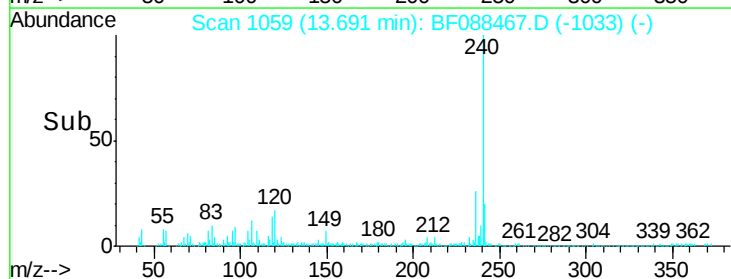
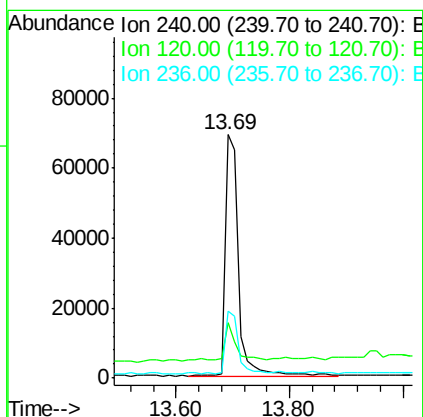
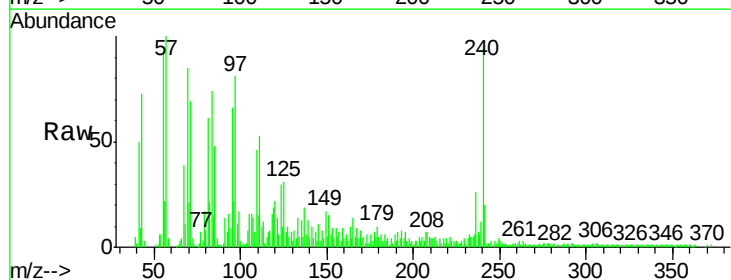
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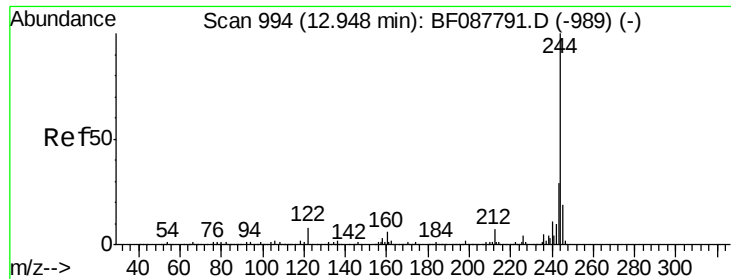
Tot Ion:188 Resp: 159894
Ion Ratio Lower Upper
188 100
94 13.3 9.0 13.6
80 14.3 10.0 15.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BF088467.D
Acq: 27 Jun 2016 22:50

Tgt Ion:240 Resp: 110318
Ion Ratio Lower Upper
240 100
120 22.9 6.8 10.2#
236 27.3 20.2 30.2





#78

Terphenyl-d14

Concen: 81.94 ng

RT: 12.64 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF088467.D

Acq: 27 Jun 2016 22:50

Instrument :

BNA_F

ClientSampleId :

B1409-TP01E-1224

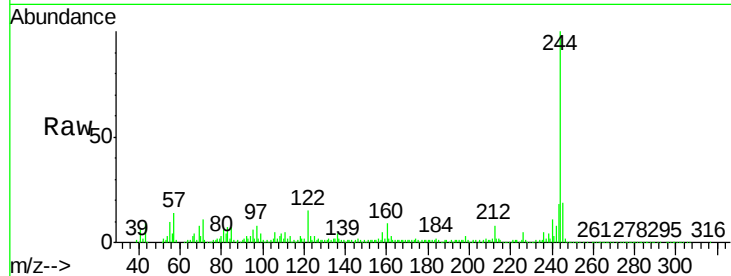
Tot Ion:244 Resp: 397258

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

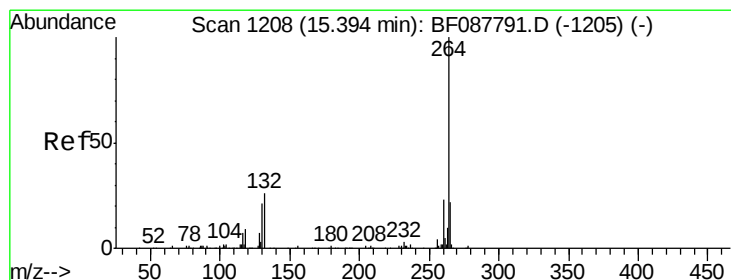
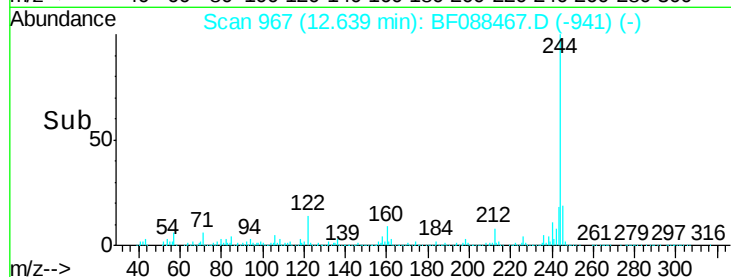
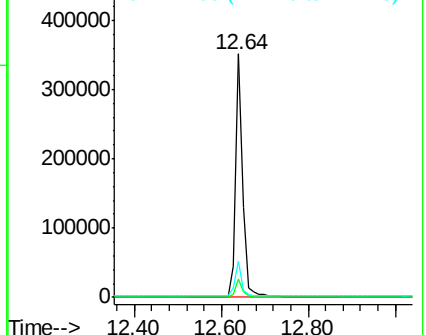
122 14.9 11.2 16.8



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: 15.07 min Scan# 1180

Delta R.T. 0.03 min

Lab File: BF088467.D

Acq: 27 Jun 2016 22:50

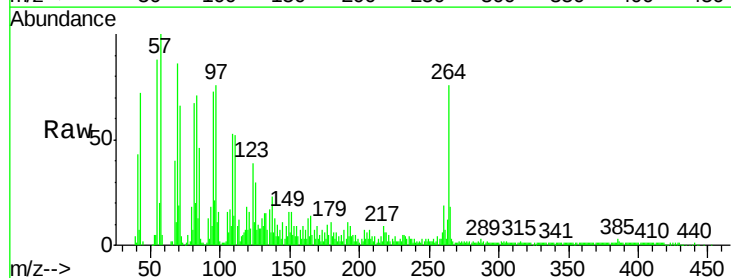
Tgt Ion:264 Resp: 91696

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

265 23.1 16.9 25.3



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

