

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080917\
 Data File : BF097558.D
 Acq On : 10 Aug 2017 13:23
 Operator : SJ/JU
 Sample : I4646-04 10X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-L8-BASE

Quant Time: Aug 10 16:10:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

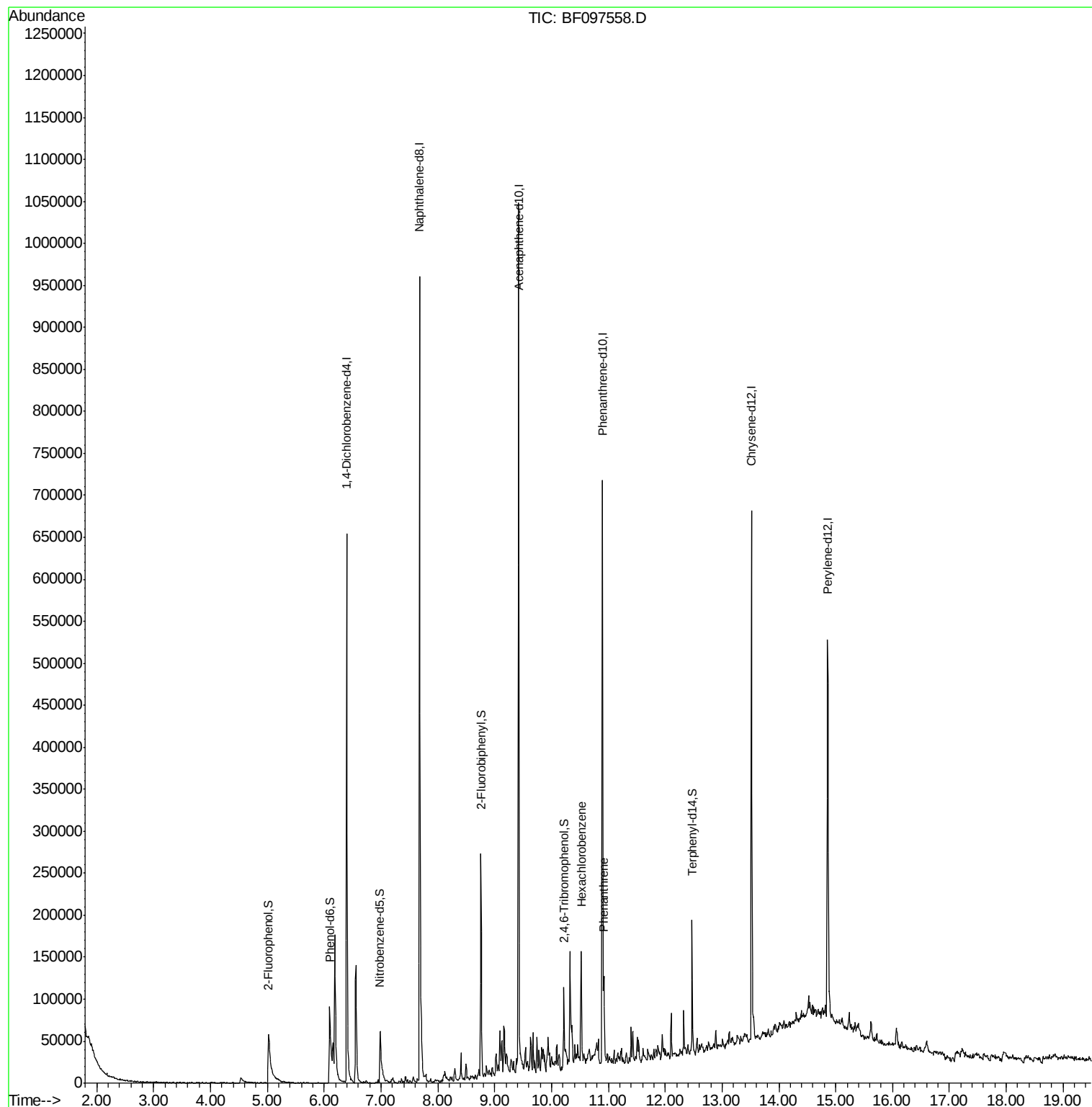
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	116922	20.00	ng	-0.02
21) Naphthalene-d8	7.68	136	459655	20.00	ng	-0.02
38) Acenaphthene-d10	9.42	164	186156	20.00	ng	-0.02
63) Phenanthrene-d10	10.90	188	263326	20.00	ng	-0.02
75) Chrysene-d12	13.52	240	218843	20.00	ng	-0.02
86) Perylene-d12	14.86	264	175429	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	60242	7.77	ng	0.01
7) Phenol-d6	6.09	99	84322	9.52	ng	0.00
23) Nitrobenzene-d5	6.98	82	42854	5.47	ng	-0.01
41) 2,4,6-Tribromophenol	10.22	330	9946	6.76	ng	-0.02
44) 2-Fluorobiphenyl	8.76	172	79460	7.24	ng	-0.02
78) Terphenyl-d14	12.47	244	42474	3.96	ng	-0.02
Target Compounds						
67) Hexachlorobenzene	10.52	284	15694	5.326	ng	Qvalue # 91
70) Phenanthrene	10.92	178	37868	2.684	ng	97

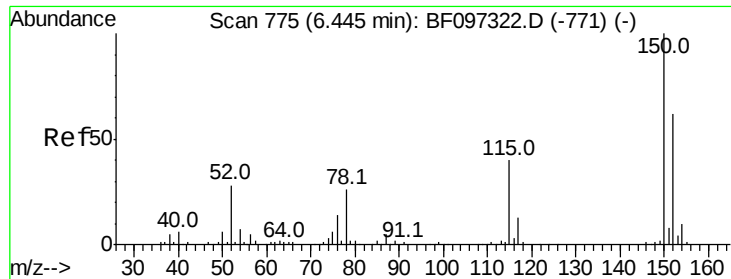
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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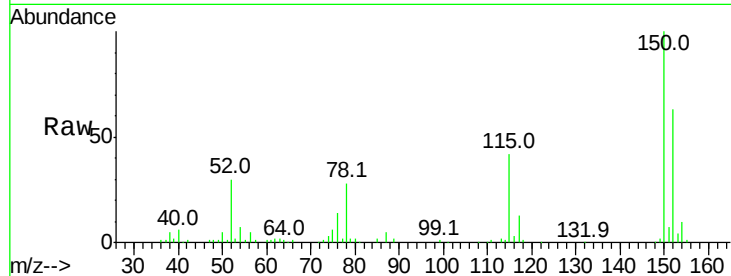


#1

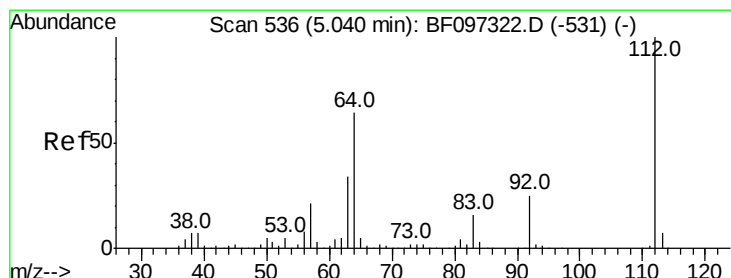
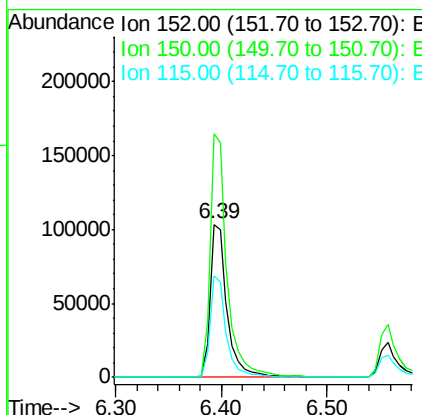
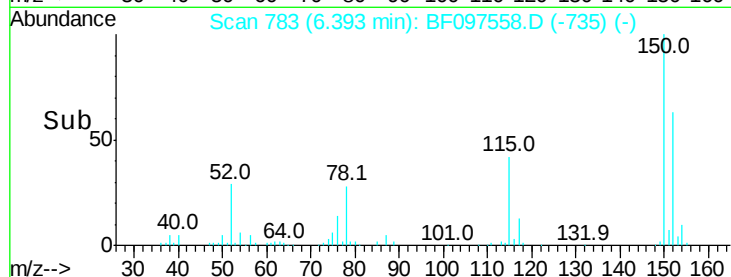
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.39 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF097558.D
Acq: 10 Aug 2017 13:23

Instrument :
BNA_F
ClientSampleId :
E2-L8-BASE

Tot Ion:152 Resp: 116922
Ion Ratio Lower Upper
152 100
150 159.2 126.2 189.2
115 66.4 52.2 78.2



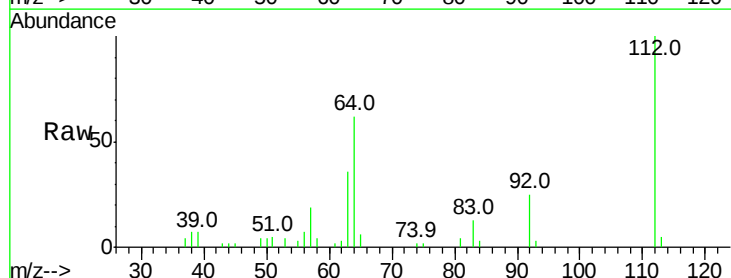
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



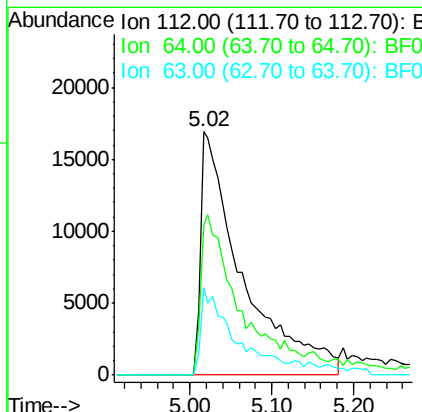
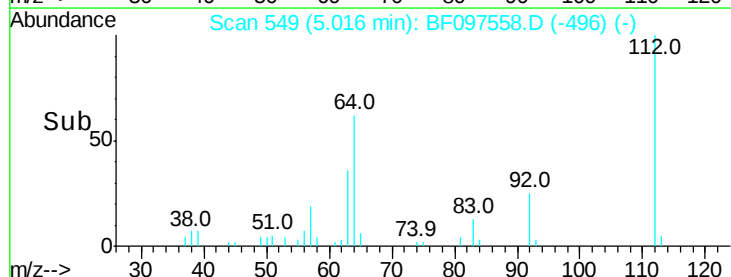
#5

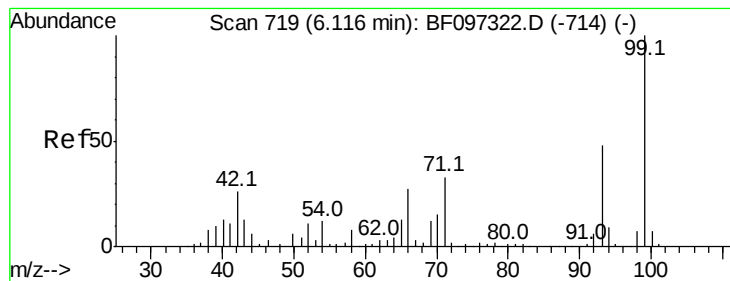
2-Fluorophenol
Concen: 7.767 ng
RT: 5.02 min Scan# 549
Delta R.T. 0.01 min
Lab File: BF097558.D
Acq: 10 Aug 2017 13:23

Tgt Ion:112 Resp: 60242
Ion Ratio Lower Upper
112 100
64 61.6 46.0 69.0
63 36.0 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: 9.523 ng

RT: 6.09 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF097558.D

Acq: 10 Aug 2017 13:23

Instrument :

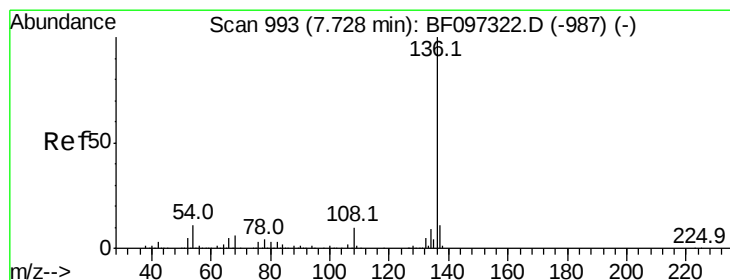
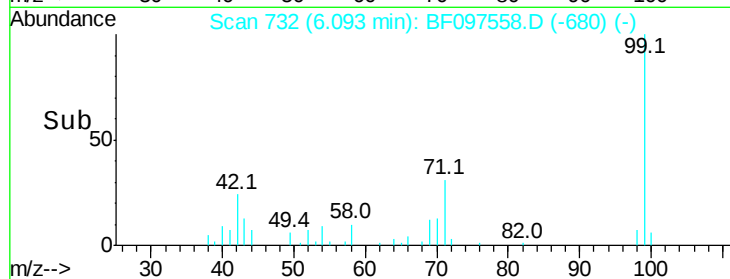
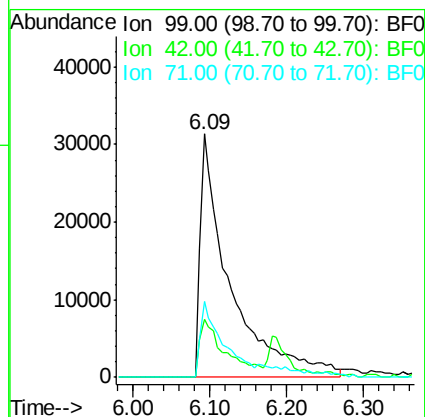
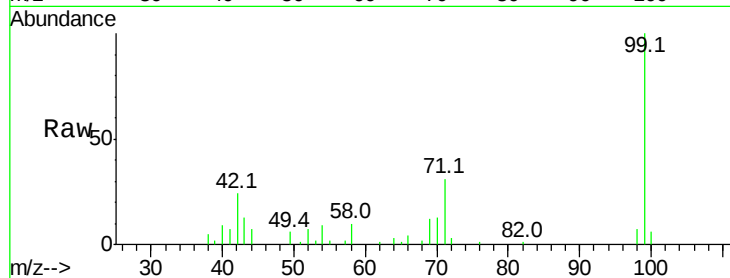
BNA_F

ClientSampleId :

E2-L8-BASE

Tot Ion: 99 Resp: 84322

Ion	Ratio	Lower	Upper
99	100		
42	23.7	13.5	20.3#
71	31.2	24.5	36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.68 min Scan# 1002

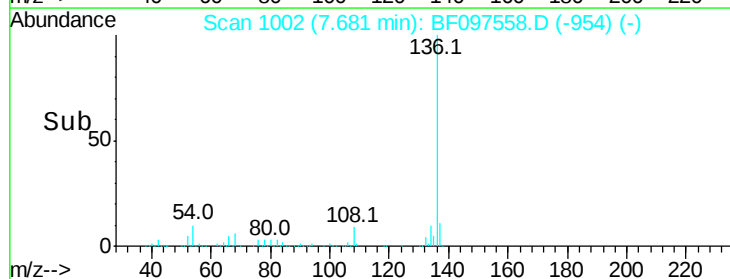
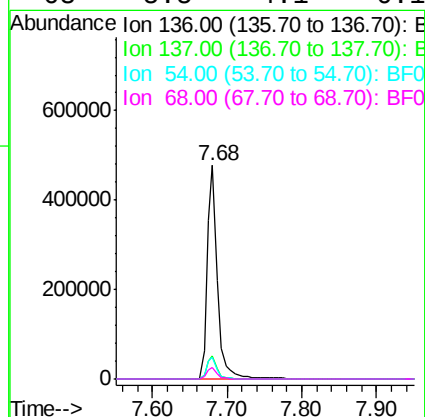
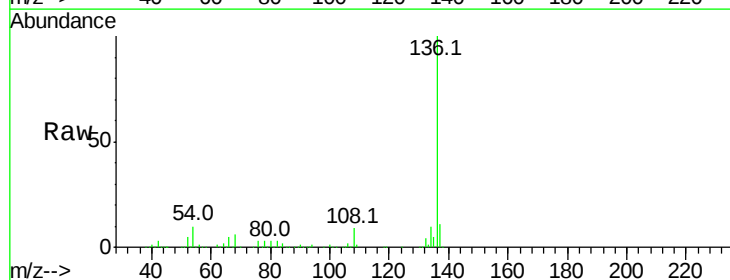
Delta R.T. -0.02 min

Lab File: BF097558.D

Acq: 10 Aug 2017 13:23

Tgt Ion: 136 Resp: 459655

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	10.0	4.9	7.3#
68	5.5	4.1	6.1

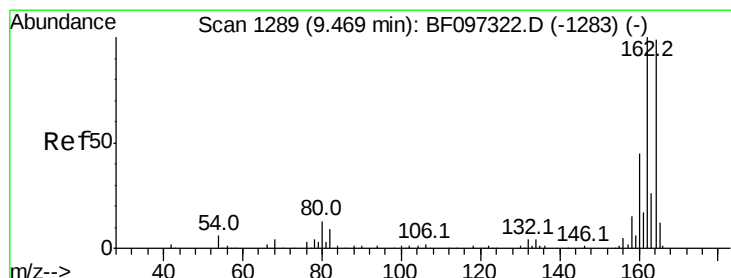
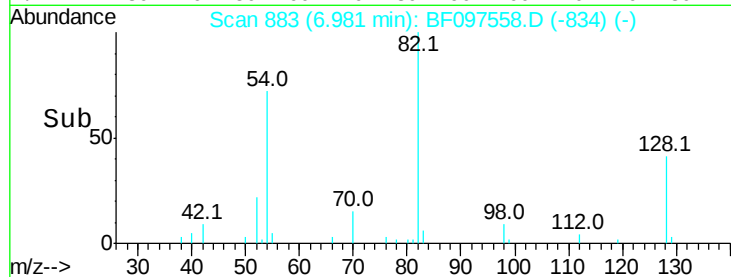
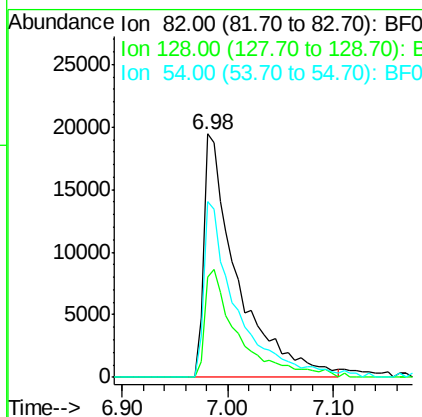
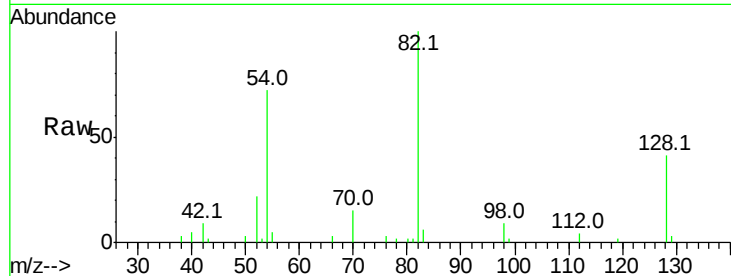




#23
 Nitrobenzene-d5
 Concen: 5.469 ng
 RT: 6.98 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF097558.D
 Acq: 10 Aug 2017 13:23

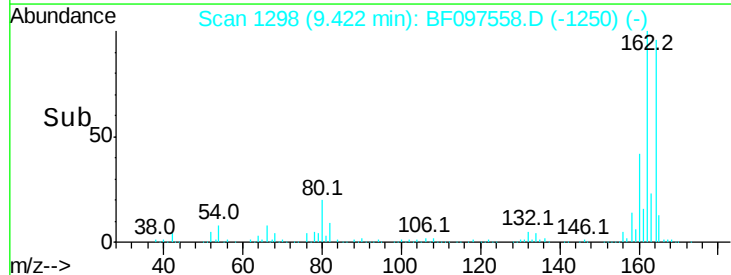
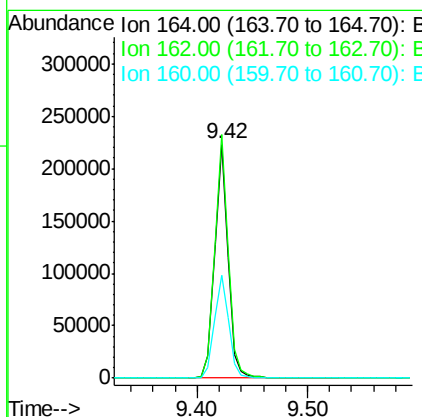
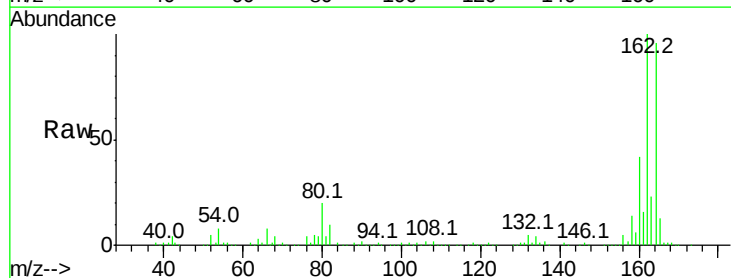
Instrument :
 BNA_F
 ClientSampleId :
 E2-L8-BASE

Tot Ion: 82 Resp: 42854
 Ion Ratio Lower Upper
 82 100
 128 41.0 34.0 51.0
 54 72.1 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.42 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BF097558.D
 Acq: 10 Aug 2017 13:23

Tgt Ion:164 Resp: 186156
 Ion Ratio Lower Upper
 164 100
 162 104.2 82.6 123.8
 160 44.0 36.2 54.2

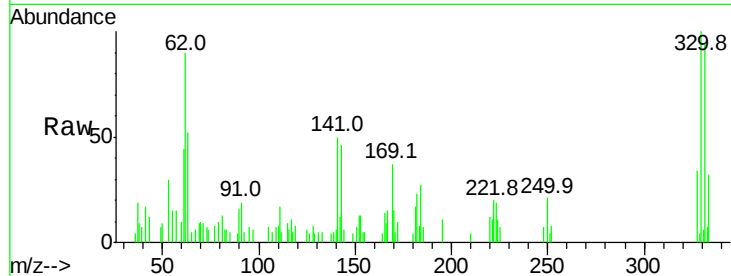




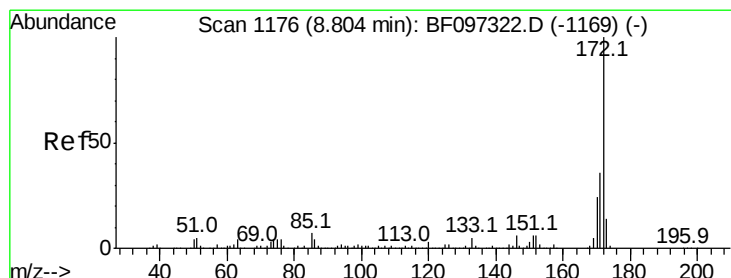
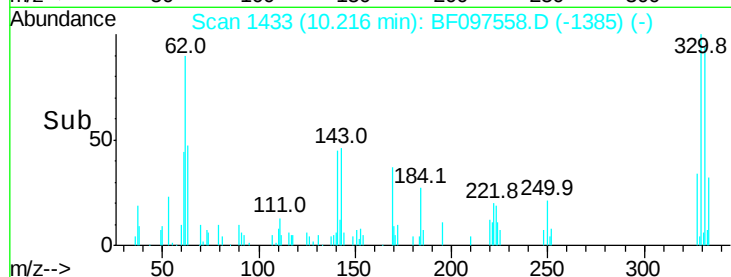
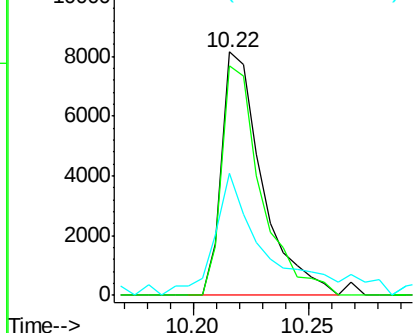
#41
 2,4,6-Tribromophenol
 Concen: 6.762 ng
 RT: 10.22 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF097558.D
 Acq: 10 Aug 2017 13:23

Instrument :
 BNA_F
 ClientSampleId :
 E2-L8-BASE

Tot Ion:330 Resp: 9946
 Ion Ratio Lower Upper
 330 100
 332 92.1 76.6 115.0
 141 65.3 31.4 47.2#

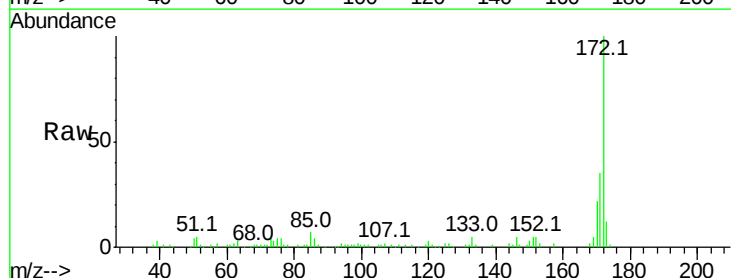


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

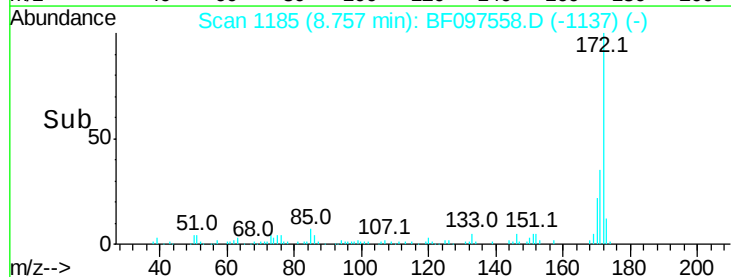
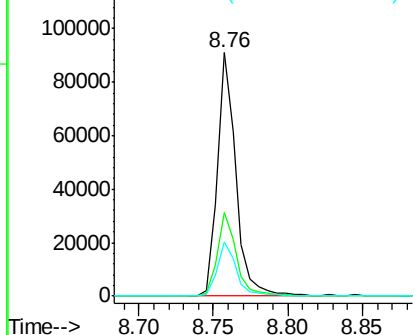


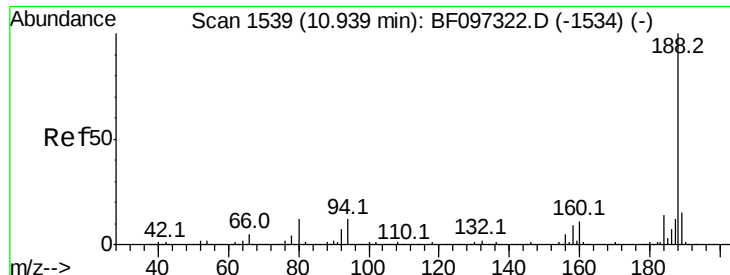
#44
 2-Fluorobiphenyl
 Concen: 7.244 ng
 RT: 8.76 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF097558.D
 Acq: 10 Aug 2017 13:23

Tgt Ion:172 Resp: 79460
 Ion Ratio Lower Upper
 172 100
 171 34.5 29.6 44.4
 170 22.4 19.8 29.8



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

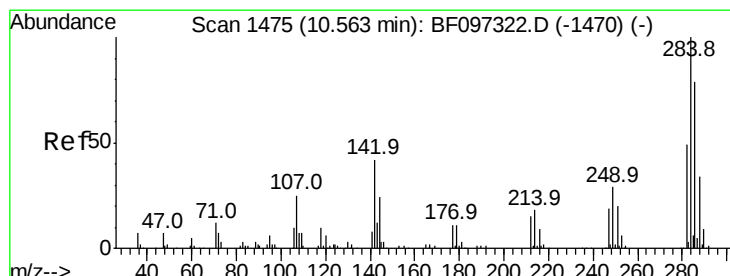
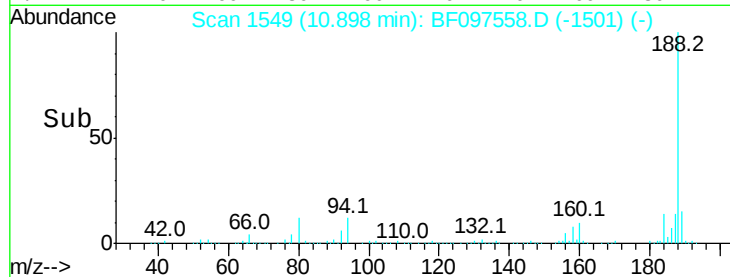
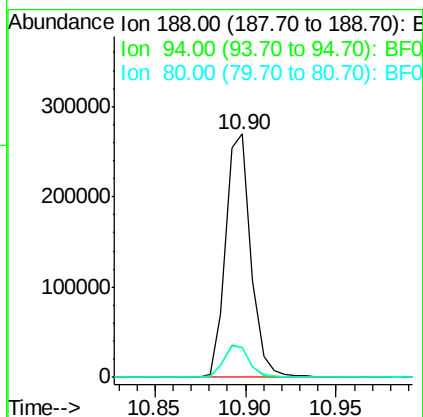
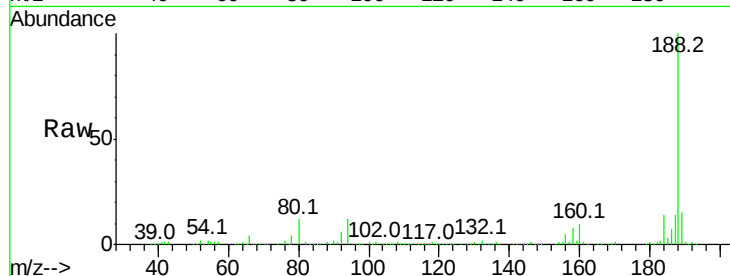




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 10.90 min Scan# 1549
 Delta R.T. -0.02 min
 Lab File: BF097558.D
 Acq: 10 Aug 2017 13:23

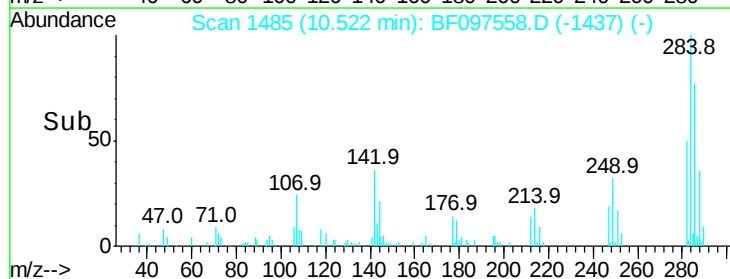
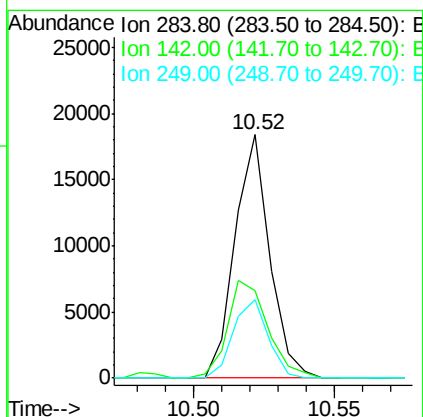
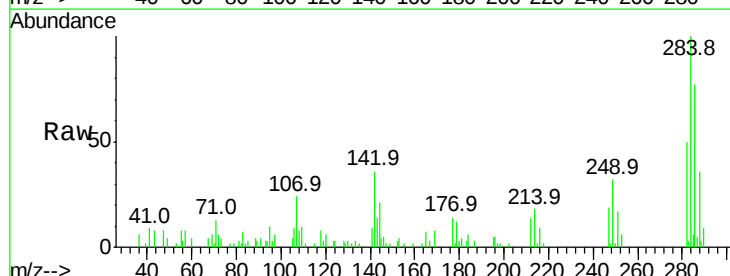
Instrument :
 BNA_F
 ClientSampleId :
 E2-L8-BASE

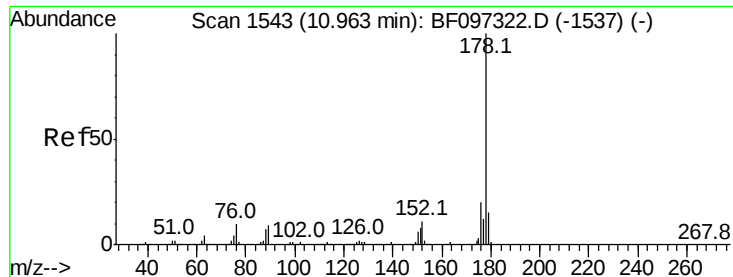
Tot Ion	Ratio	Lower	Upper
188	100		
94	12.0	9.4	14.2
80	12.1	10.2	15.2



#67
 Hexachlorobenzene
 Concen: 5.326 ng
 RT: 10.52 min Scan# 1485
 Delta R.T. -0.02 min
 Lab File: BF097558.D
 Acq: 10 Aug 2017 13:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.7	22.8	34.2#
249	32.2	24.0	36.0

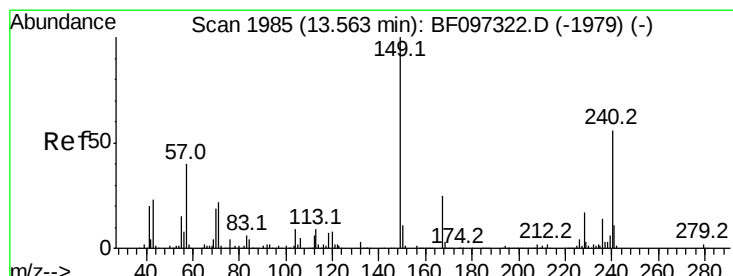
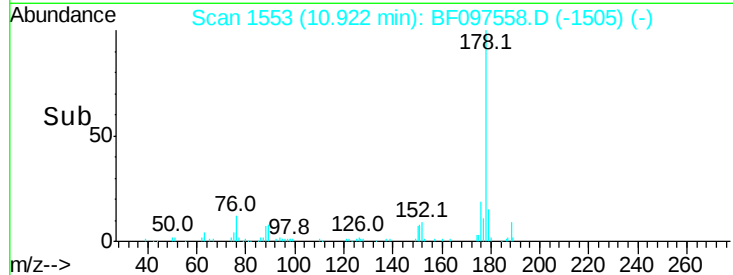
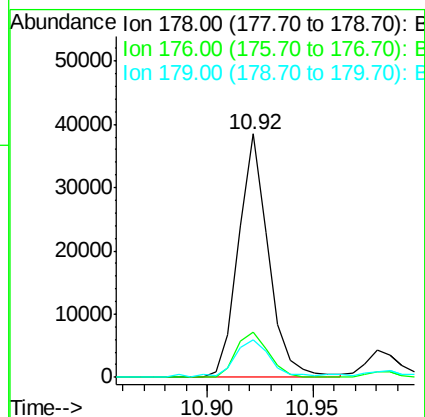
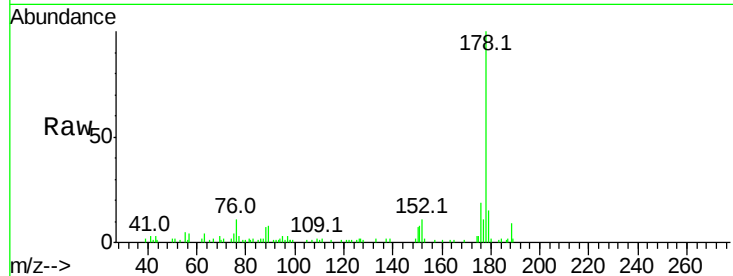




#70
Phenanthrene
Concen: 2.684 ng
RT: 10.92 min Scan# 1553
Delta R.T. -0.02 min
Lab File: BF097558.D
Acq: 10 Aug 2017 13:23

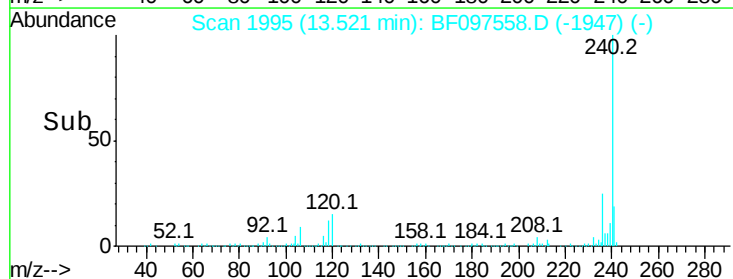
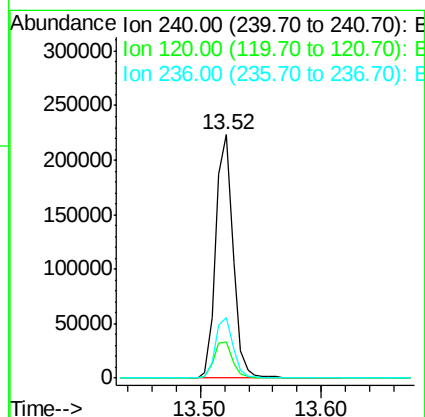
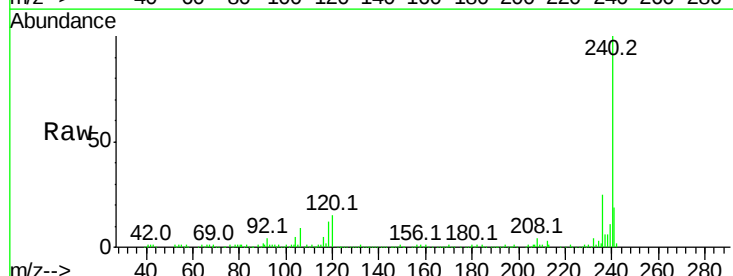
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E2-L8-BASE

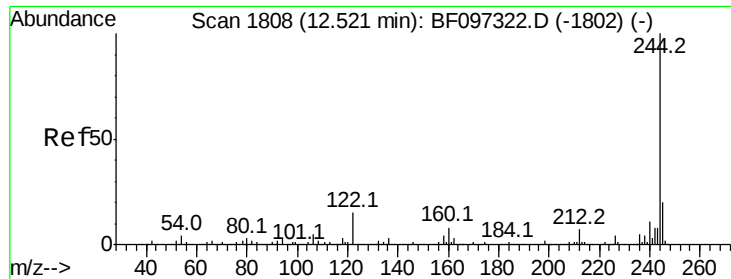
Tot Ion:178 Resp: 37868
Ion Ratio Lower Upper
178 100
176 18.5 16.2 24.4
179 15.2 12.6 19.0



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.52 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF097558.D
Acq: 10 Aug 2017 13:23

Tgt Ion:240 Resp: 218843
Ion Ratio Lower Upper
240 100
120 14.8 5.8 8.8#
236 25.1 20.5 30.7





#78

Terphenyl-d14

Concen: 3.957 ng

RT: 12.47 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF097558.D

Acq: 10 Aug 2017 13:23

Instrument :

BNA_F

ClientSampleId :

E2-L8-BASE

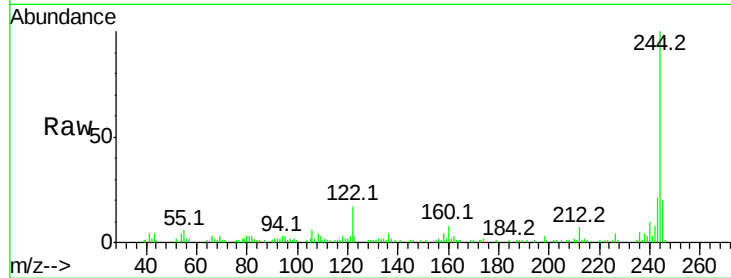
Tot Ion:244 Resp: 42474

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

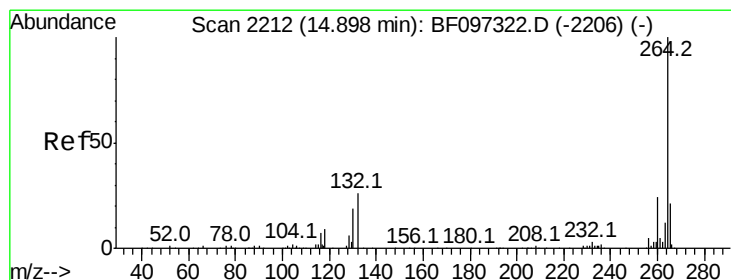
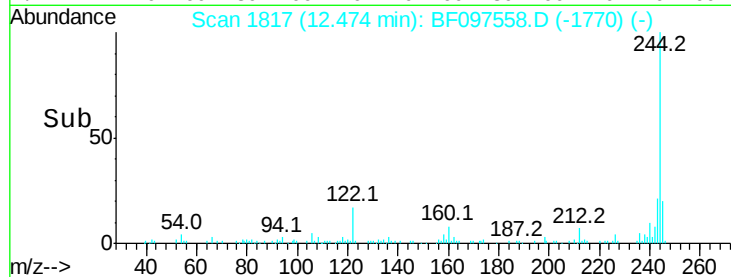
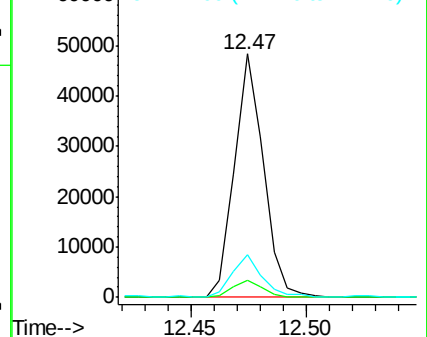
122 17.3 10.3 15.5#



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

Perylene-d12

Concen: 20.000 ng

RT: 14.86 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BF097558.D

Acq: 10 Aug 2017 13:23

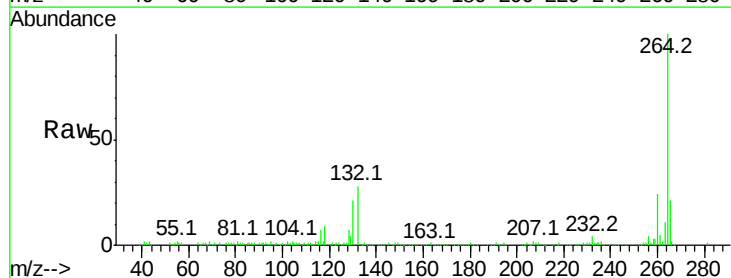
Tgt Ion:264 Resp: 175429

Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 20.6 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

