

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
 Data File : BF112570.D
 Acq On : 14 Feb 2019 16:19
 Operator : JU/SJ
 Sample : K1350-07 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-021319-B

Quant Time: Feb 15 04:22:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

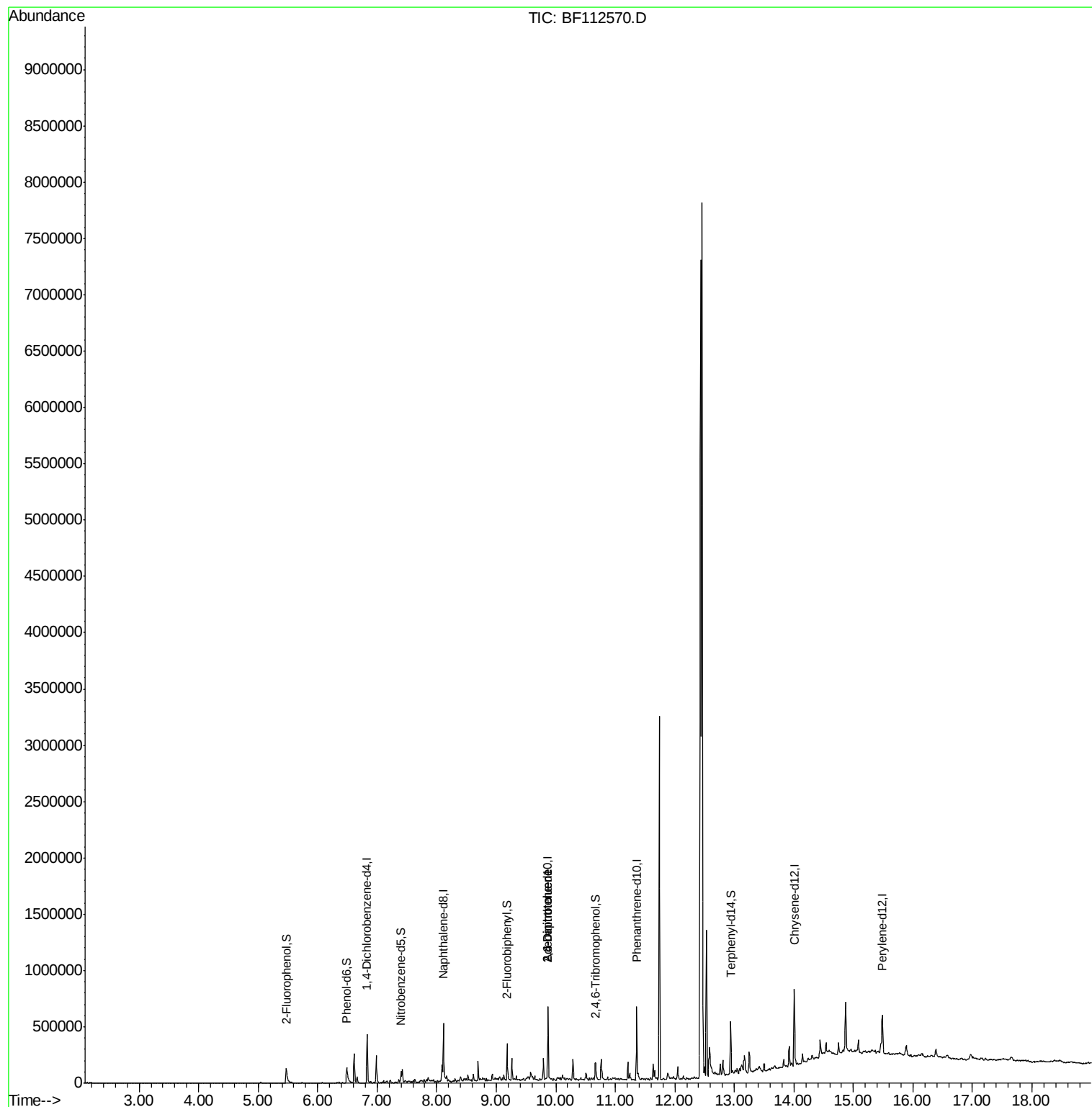
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	73265	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	268985	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	120114	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	235990	20.00	ng	-0.01
76) Chrysene-d12	14.01	240	233177	20.00	ng	0.00
87) Perylene-d12	15.49	264	166131	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	71833	20.83	ng	0.00
7) Phenol-d6	6.49	99	87965	18.35	ng	0.00
23) Nitrobenzene-d5	7.40	82	53561	11.47	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	23684	16.94	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	105900	12.47	ng	-0.02
79) Terphenyl-d14	12.94	244	130853	10.57	ng	-0.01
Target Compounds						
51) 2,6-Dinitrotoluene	9.87	165	16969	8.119	ng	# 33
57) 2,4-Dinitrotoluene	9.87	165	16969	6.377	ng	# 31

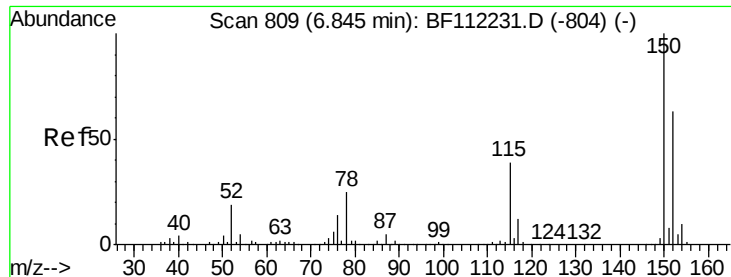
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
Data File : BF112570.D
Acq On : 14 Feb 2019 16:19
Operator : JU/SJ
Sample : K1350-07 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-021319-B

Quant Time: Feb 14 16:47:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.02 min

Lab File: BF112570.D

Acq: 14 Feb 2019 16:19

Instrument :

BNA_F

ClientSampleId :

EO-02-021319-B

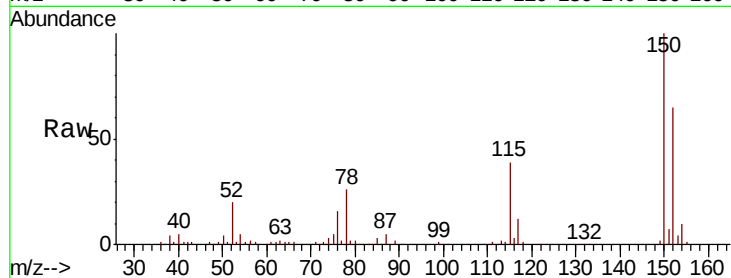
Tot Ion:152 Resp: 73265

Ion Ratio Lower Upper

152 100

150 154.5 127.4 191.0

115 59.8 45.5 68.3

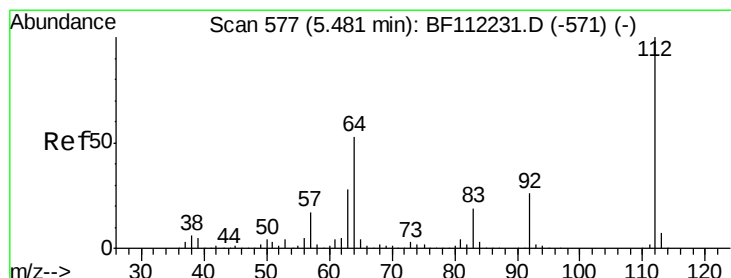
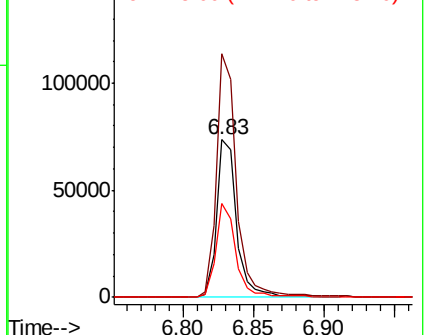
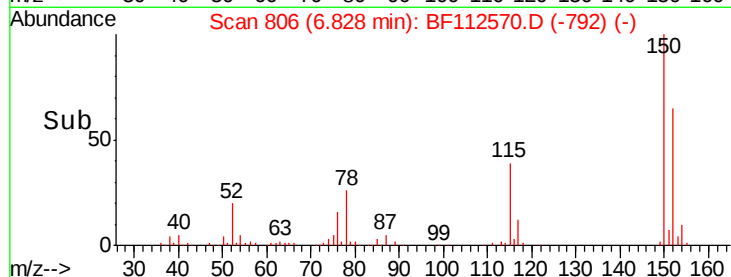


Abundance

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: 20.825 ng

RT: 5.47 min Scan# 576

Delta R.T. -0.01 min

Lab File: BF112570.D

Acq: 14 Feb 2019 16:19

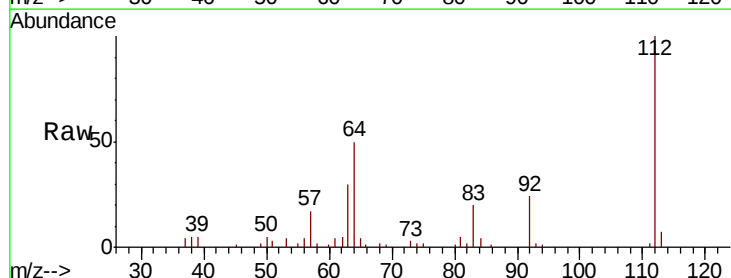
Tgt Ion:112 Resp: 71833

Ion Ratio Lower Upper

112 100

64 50.2 45.7 68.5

63 30.2 23.6 35.4

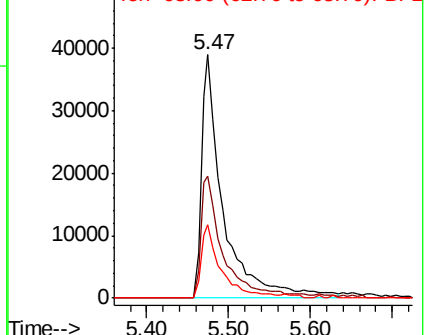
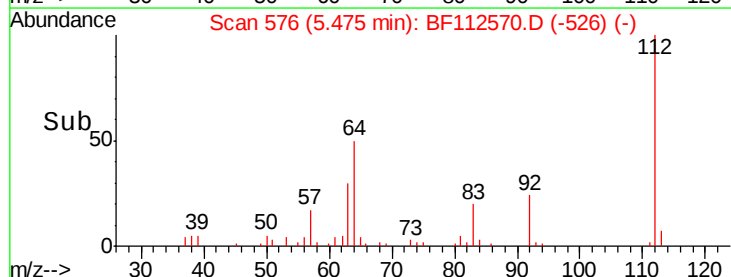


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 18.353 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112570.D

Acq: 14 Feb 2019 16:19

Instrument :

BNA_F

ClientSampleId :

EO-02-021319-B

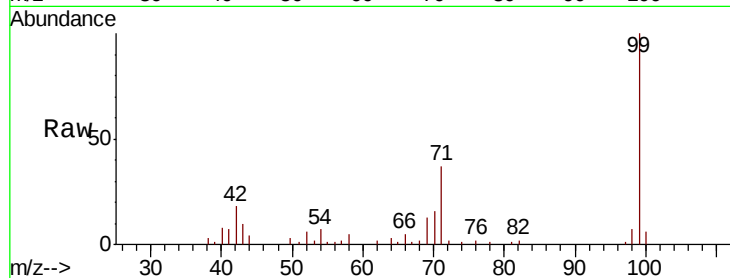
Tot Ion: 99 Resp: 87965

Ion Ratio Lower Upper

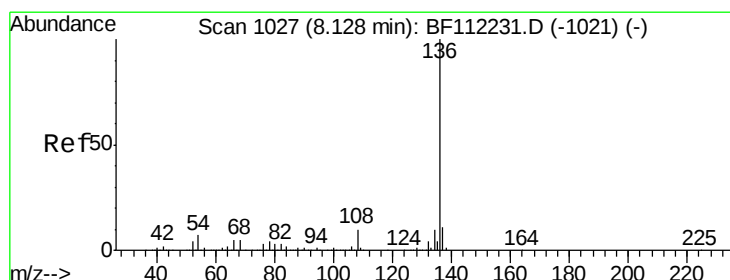
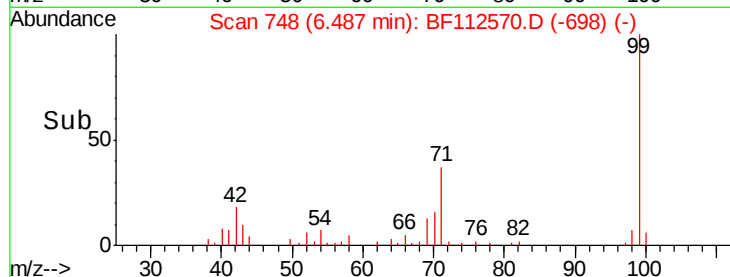
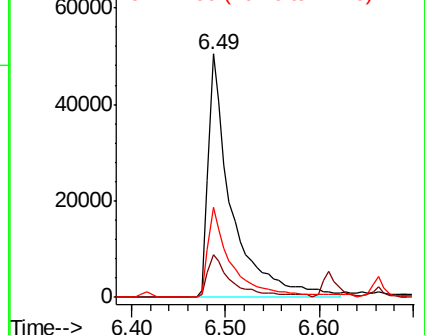
99 100

42 17.8 15.1 22.7

71 36.7 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BF112570.D

Acq: 14 Feb 2019 16:19

Tgt Ion: 136 Resp: 268985

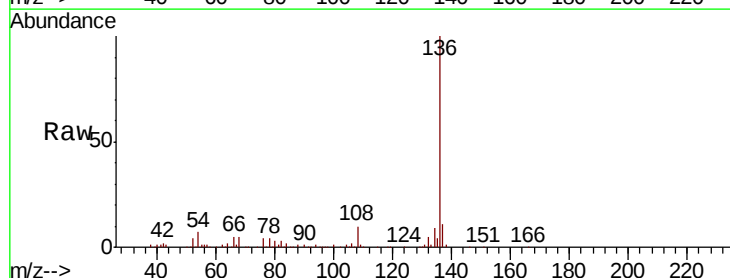
Ion Ratio Lower Upper

136 100

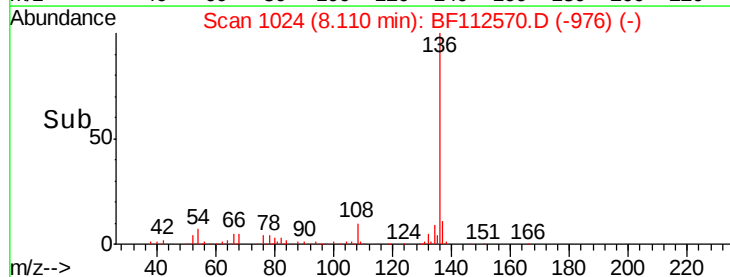
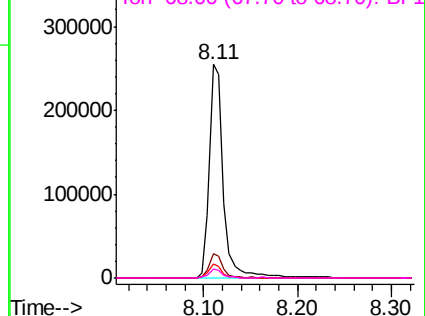
137 11.2 9.1 13.7

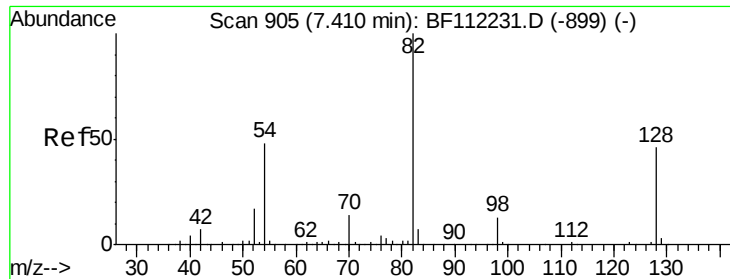
54 6.8 5.9 8.9

68 4.5 5.1 7.7#



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): BF1
Ion 68.00 (67.70 to 68.70): BF1

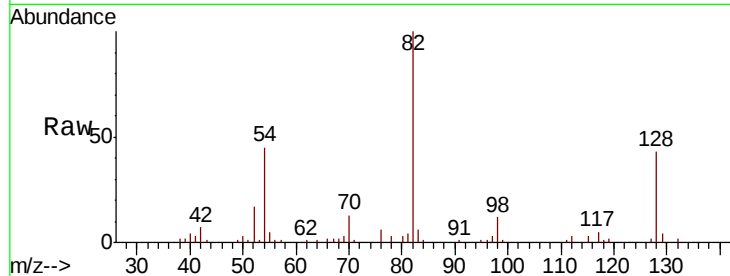




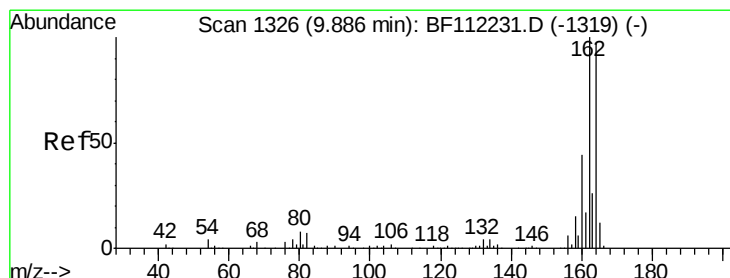
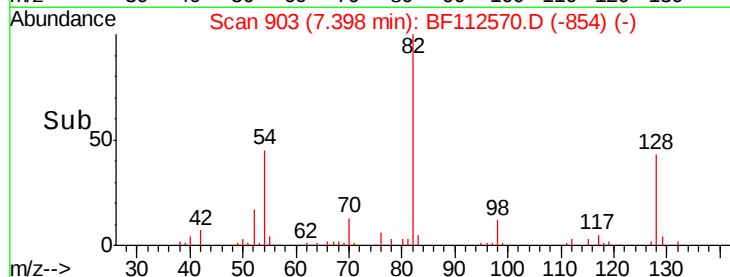
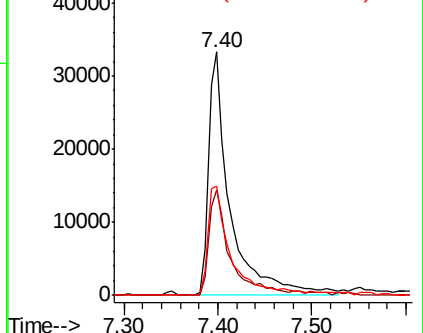
#23
 Nitrobenzene-d5
 Concen: 11.473 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112570.D
 Acq: 14 Feb 2019 16:19

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-021319-B

Tot Ion	82	Resp	53561
Ion Ratio	Lower	Upper	
82	100		
128	43.5	37.8	56.8
54	45.1	39.7	59.5

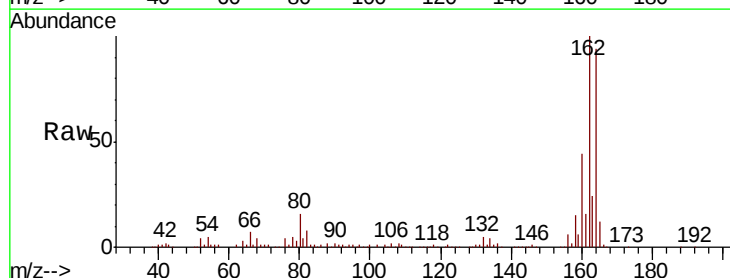


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

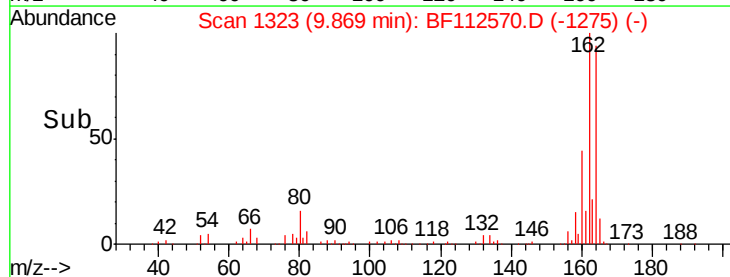
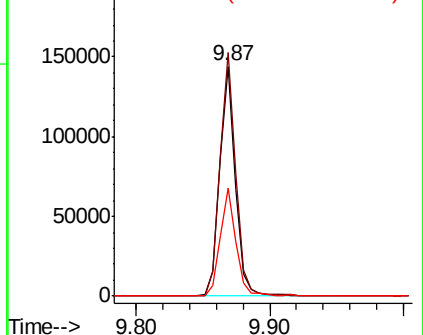


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF112570.D
 Acq: 14 Feb 2019 16:19

Tgt Ion	164	Resp	120114
Ion Ratio	Lower	Upper	
164	100		
162	106.0	82.2	123.4
160	47.0	36.2	54.4



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

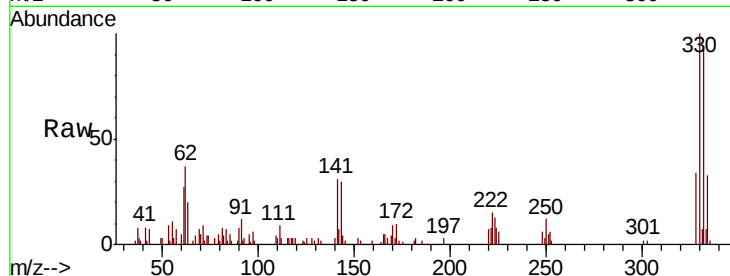




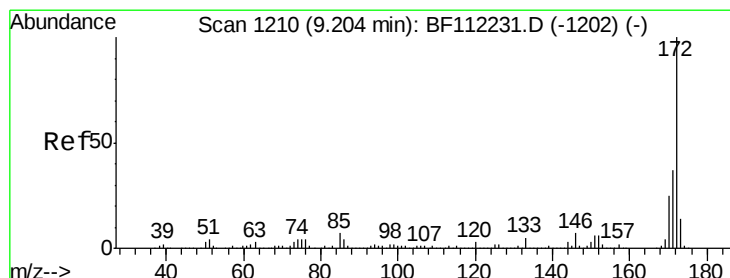
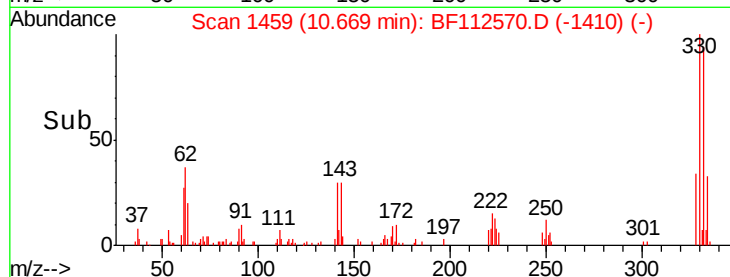
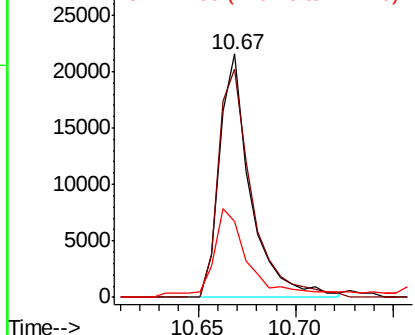
#42
 2,4,6-Tribromophenol
 Concen: 16.940 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF112570.D
 Acq: 14 Feb 2019 16:19

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-021319-B

Tot Ion:330 Resp: 23684
 Ion Ratio Lower Upper
 330 100
 332 101.2 76.6 114.8
 141 42.4 24.3 36.5#

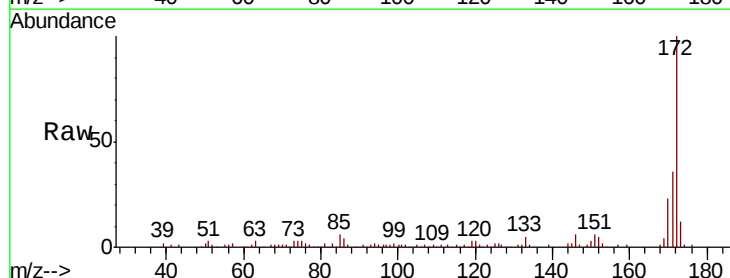


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

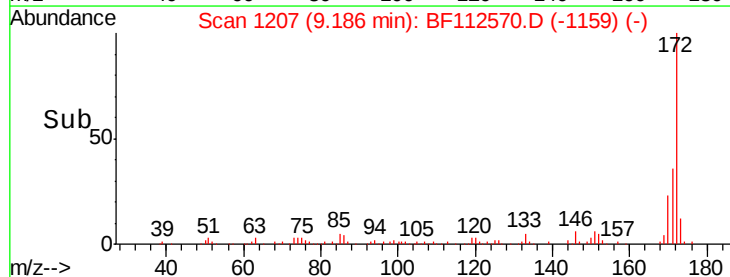
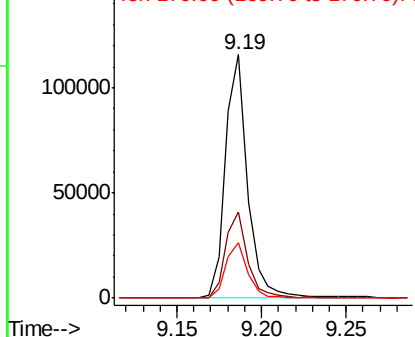


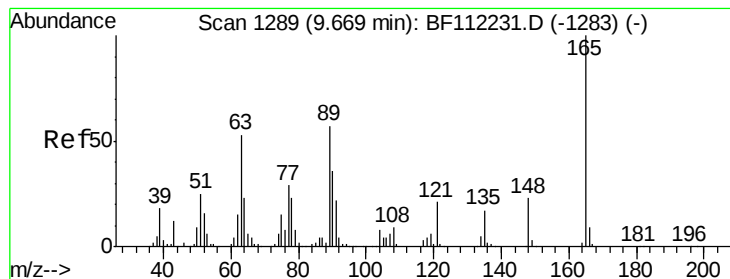
#45
 2-Fluorobiphenyl
 Concen: 12.470 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF112570.D
 Acq: 14 Feb 2019 16:19

Tgt Ion:172 Resp: 105900
 Ion Ratio Lower Upper
 172 100
 171 35.5 30.5 45.7
 170 22.9 20.2 30.4



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





#51

2,6-Dinitrotoluene

Concen: 8.119 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.20 min

Lab File: BF112570.D

Acq: 14 Feb 2019 16:19

Instrument :

BNA_F

ClientSampleId :

EO-02-021319-B

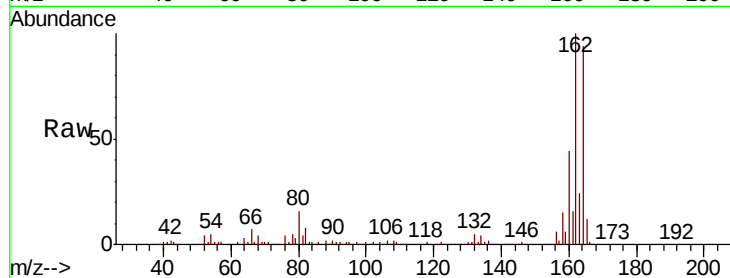
Tot Ion:165 Resp: 16969

Ion Ratio Lower Upper

165 100

63 0.0 33.8 50.8#

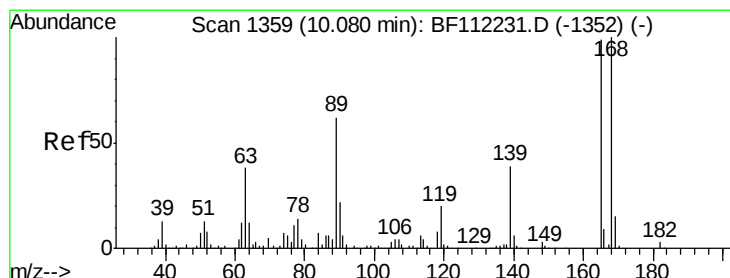
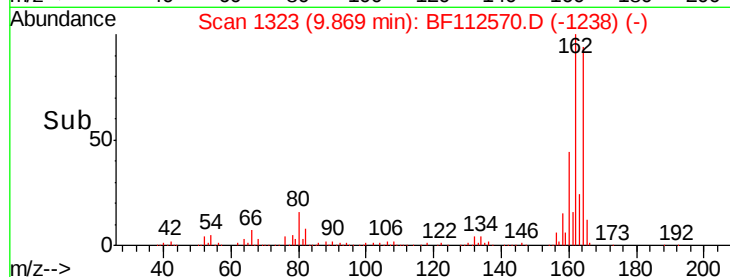
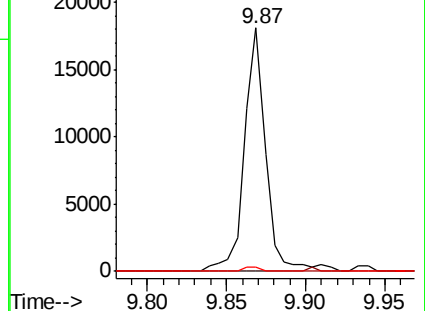
89 1.8 36.9 55.3#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#57

2,4-Dinitrotoluene

Concen: 6.377 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.21 min

Lab File: BF112570.D

Acq: 14 Feb 2019 16:19

Tgt Ion:165 Resp: 16969

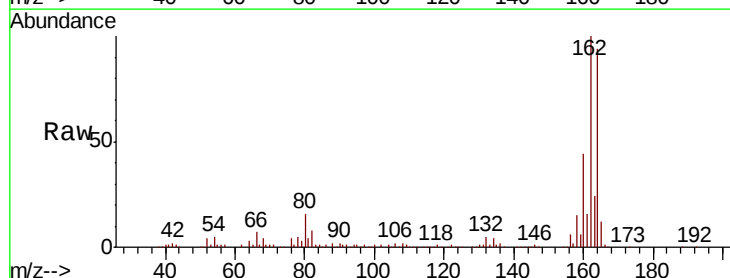
Ion Ratio Lower Upper

165 100

63 0.0 27.9 41.9#

89 1.8 47.9 71.9#

182 0.0 2.2 3.4#

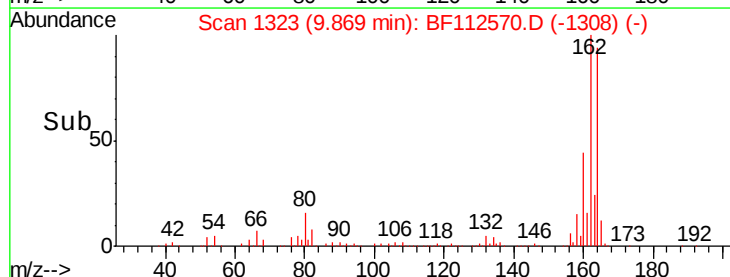
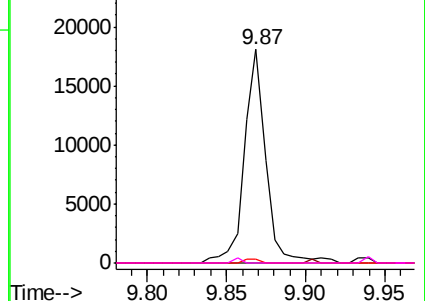


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

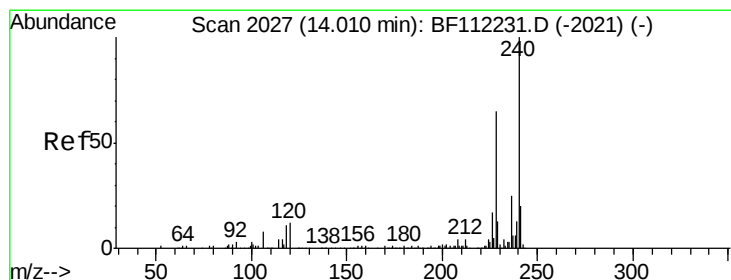
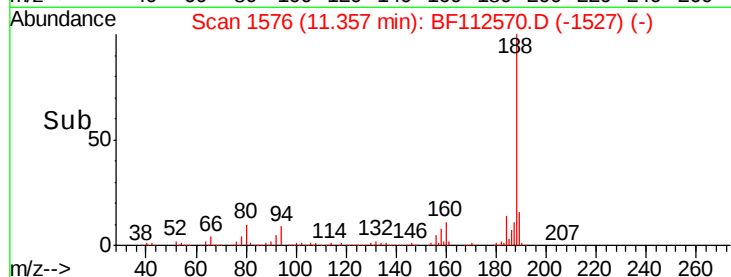
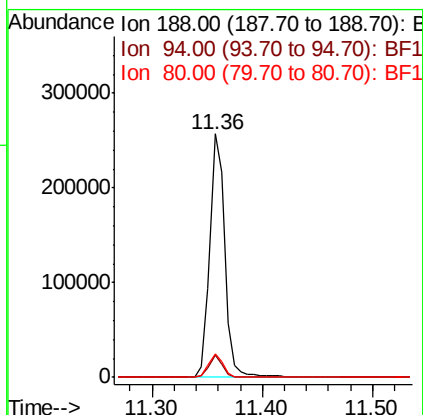
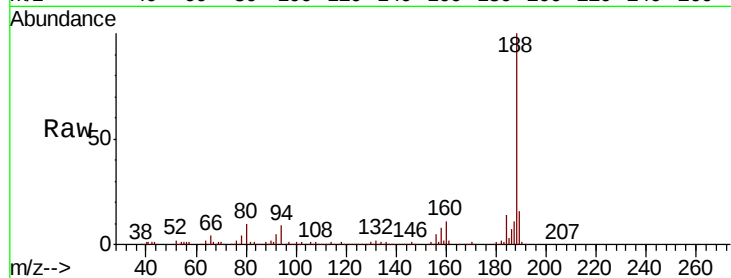




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112570.D
Acq: 14 Feb 2019 16:19

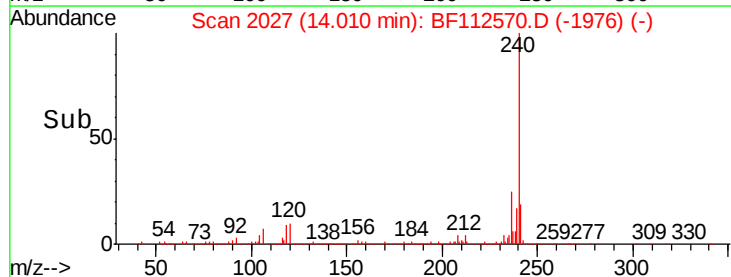
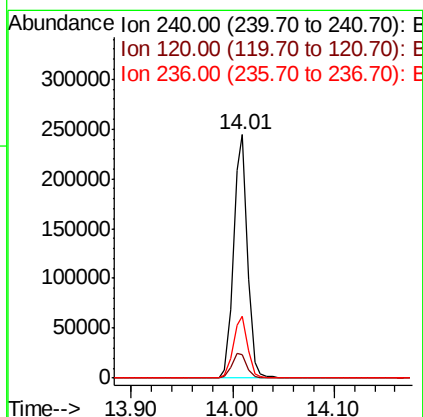
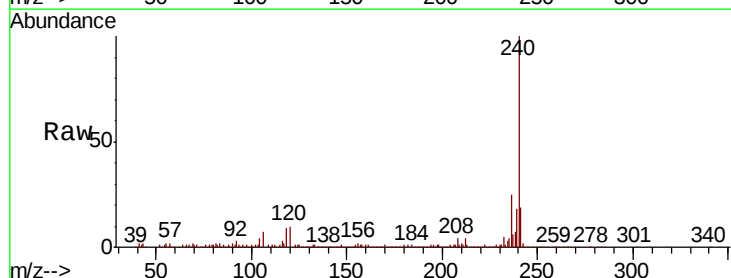
Instrument :
BNA_F
ClientSampleId :
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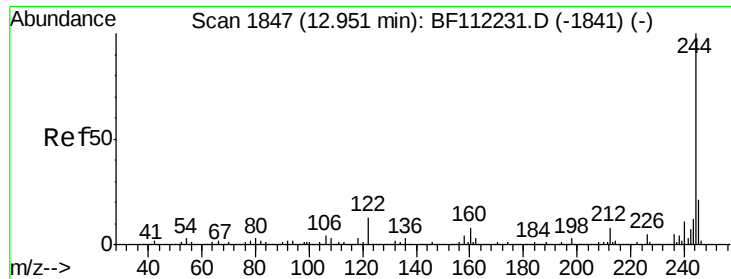
Tot Ion:188 Resp: 235990
Ion Ratio Lower Upper
188 100
94 9.3 8.2 12.2
80 9.8 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF112570.D
Acq: 14 Feb 2019 16:19

Tgt Ion:240 Resp: 233177
Ion Ratio Lower Upper
240 100
120 9.9 9.0 13.6
236 25.3 20.7 31.1





#79

Terphenyl-d14

Concen: 10.569 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112570.D

Acq: 14 Feb 2019 16:19

Instrument :

BNA_F

ClientSampleId :

EO-02-021319-B

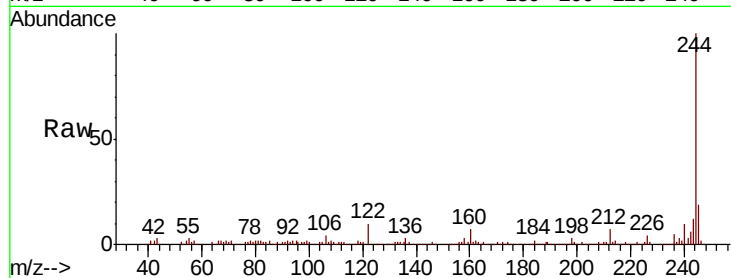
Tot Ion:244 Resp: 130853

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

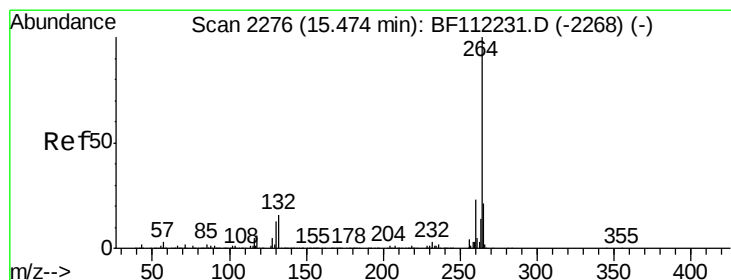
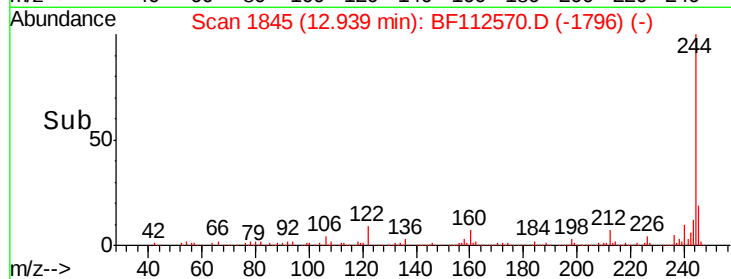
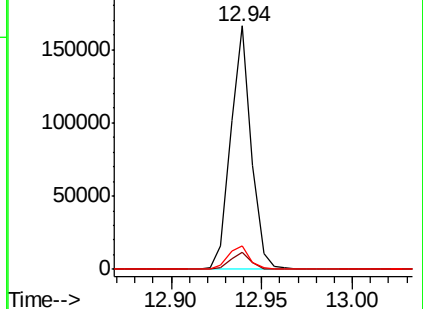
122 9.6 9.8 14.6#



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2278

Delta R.T. 0.01 min

Lab File: BF112570.D

Acq: 14 Feb 2019 16:19

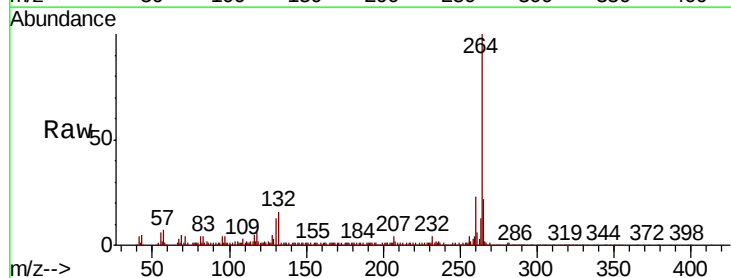
Tgt Ion:264 Resp: 166131

Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.2

265 22.2 17.0 25.4



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

