

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032019\
 Data File : BN004825.D
 Acq On : 20 Mar 2019 18:44
 Operator : JU/SJ
 Sample : PB117833BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB117833BL

Quant Time: Mar 21 09:01:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 20 16:06:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	1839	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	7374	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	4343	0.40	ng	0.00
19) Phenanthrene-d10	17.10	188	12588	0.40	ng	0.01
27) Chrysene-d12	21.30	240	18060	0.40	ng	0.01
34) Perylene-d12	23.55	264	20927	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.30	112	1296	0.26	ng	0.00
5) Phenol-d6	6.89	99	1501	0.24	ng	0.00
8) Nitrobenzene-d5	8.88	82	1088	0.22	ng	0.01
11) 2-Methylnaphthalene-d10	12.09	152	2841	0.22	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	580	0.19	ng	0.01
15) 2-Fluorobiphenyl	12.96	172	4587	0.26	ng	0.00
25) Fluoranthene-d10	19.14	212	10064	0.24	ng	0.00
29) Terphenyl-d14	19.73	244	10015	0.27	ng	0.00

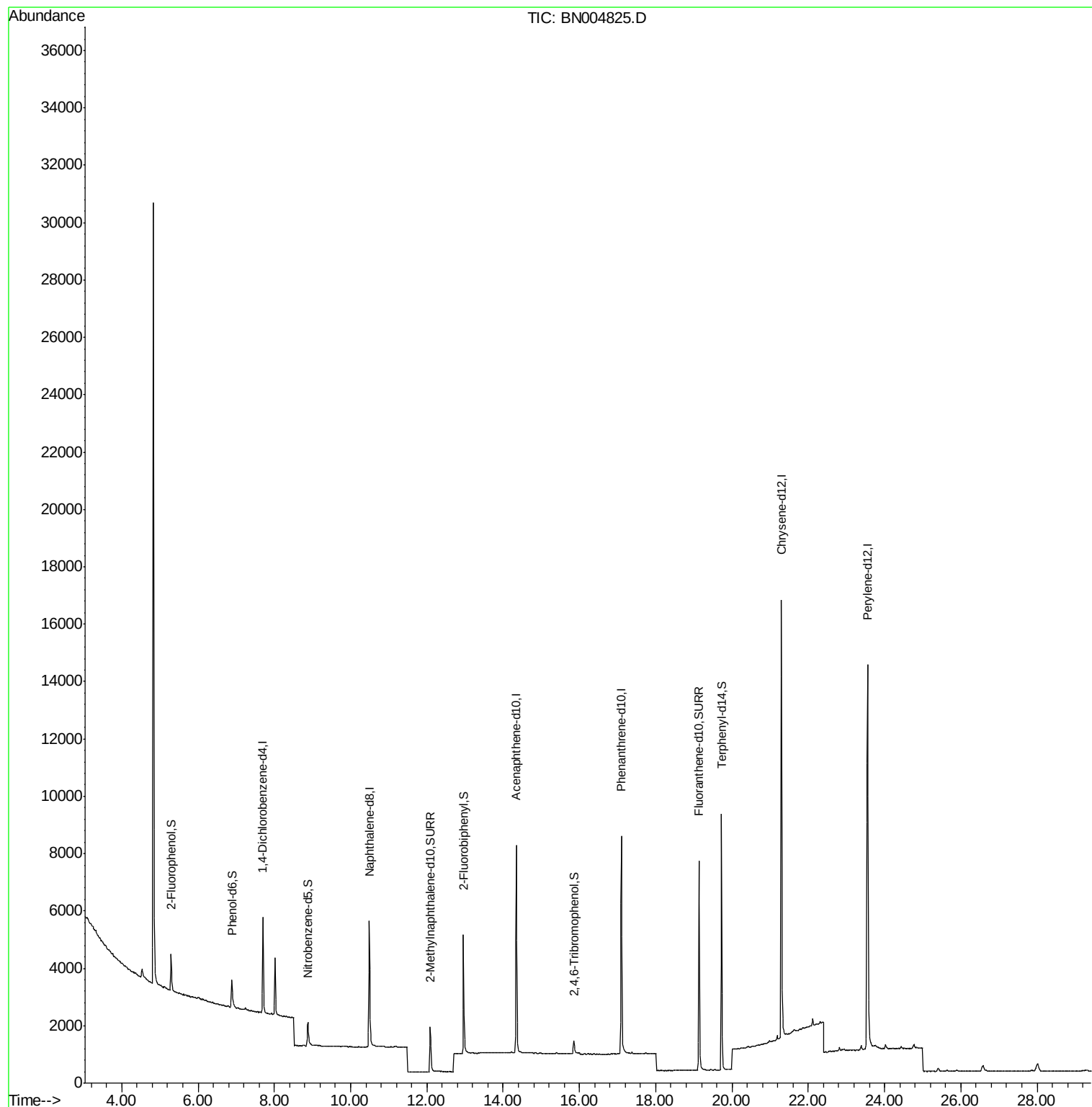
Target Compounds	Qvalue
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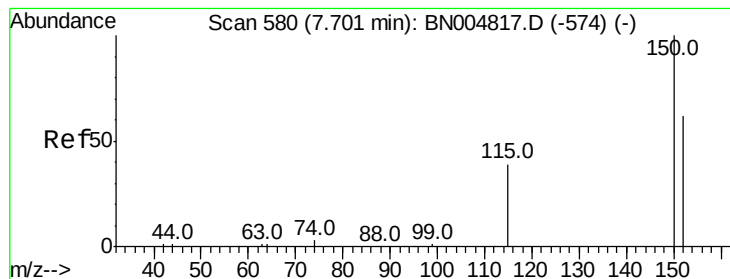
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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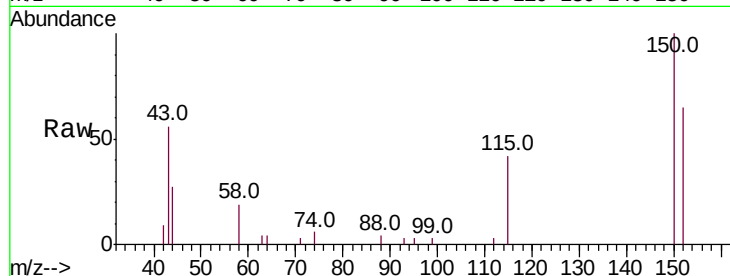


#1

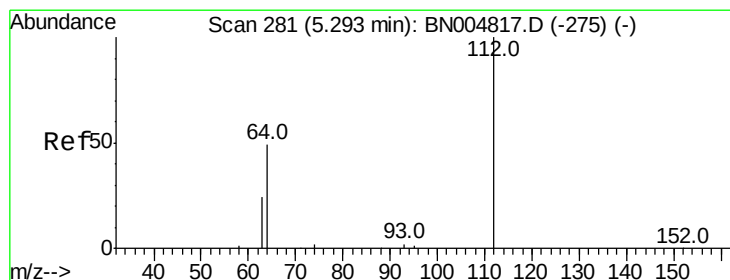
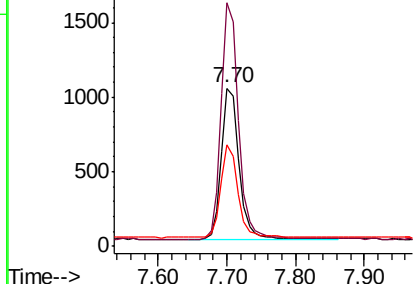
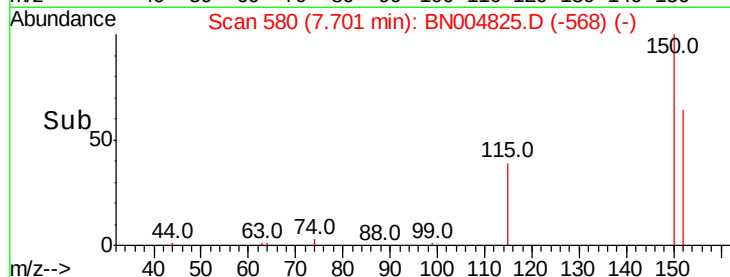
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 580
Delta R.T. 0.00 min
Lab File: BN004825.D
Acq: 20 Mar 2019 18:44

Instrument :
BNA_N
ClientSampleId :
PB117833BL

Tot Ion:152 Resp: 1839
Ion Ratio Lower Upper
152 100
150 153.7 126.2 189.4
115 64.3 52.6 79.0



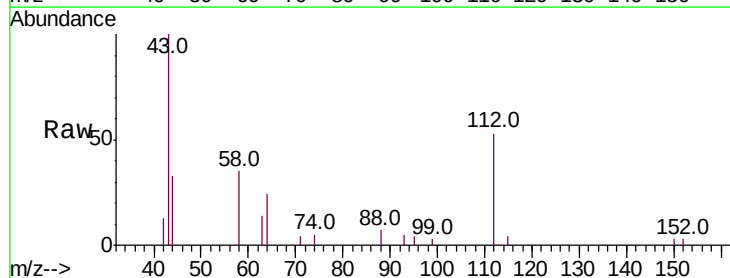
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



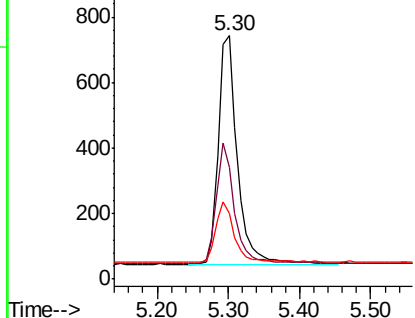
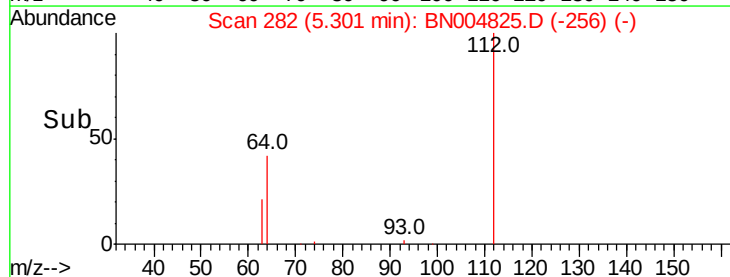
#4

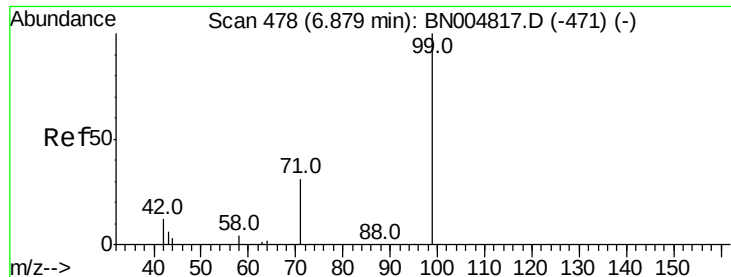
2-Fluorophenol
Concen: 0.259 ng
RT: 5.30 min Scan# 282
Delta R.T. 0.01 min
Lab File: BN004825.D
Acq: 20 Mar 2019 18:44

Tgt Ion:112 Resp: 1296
Ion Ratio Lower Upper
112 100
64 49.9 40.0 60.0
63 26.9 20.2 30.2



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





#5

Phenol-d6

Concen: 0.241 ng

RT: 6.89 min Scan# 479

Delta R.T. 0.01 min

Lab File: BN004825.D

Acq: 20 Mar 2019 18:44

Instrument :

BNA_N

ClientSampleId :

PB117833BL

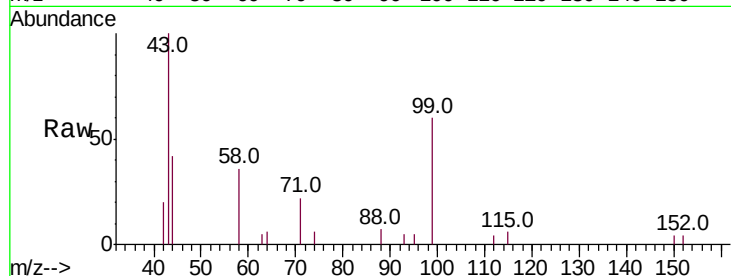
Tot Ion: 99 Resp: 1501

Ion Ratio Lower Upper

99 100

42 15.0 12.7 19.1

71 32.9 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BN004817.D (-471) (-)

Ion 42.00 (41.70 to 42.70): BN004817.D (-471) (-)

Ion 71.00 (70.70 to 71.70): BN004817.D (-471) (-)

6.89

800

600

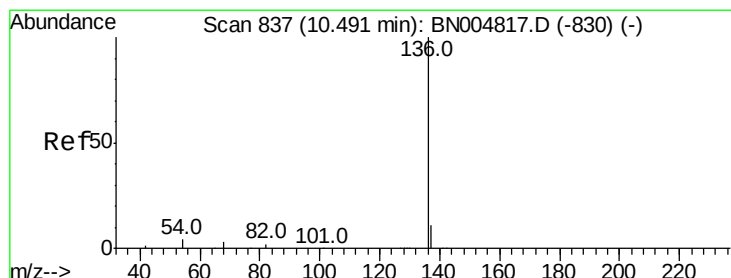
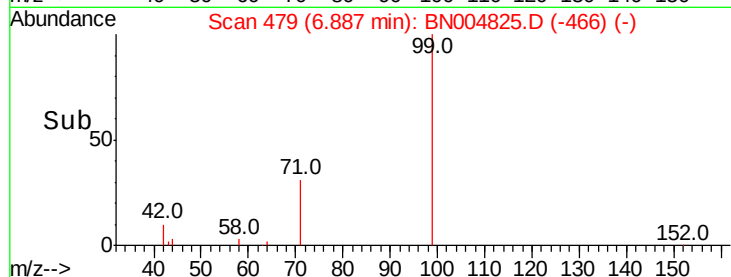
400

200

0

6.80 6.90 7.00 7.10

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.49 min Scan# 837

Delta R.T. 0.00 min

Lab File: BN004825.D

Acq: 20 Mar 2019 18:44

Tgt Ion: 136 Resp: 7374

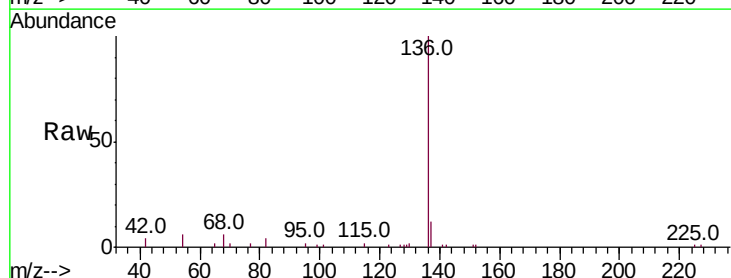
Ion Ratio Lower Upper

136 100

137 12.1 9.6 14.4

54 6.4 4.2 6.2#

68 5.8 3.9 5.9



Abundance Ion 136.00 (135.70 to 136.70): BN004817.D (-830) (-)

Ion 137.00 (136.70 to 137.70): BN004817.D (-830) (-)

Ion 54.00 (53.70 to 54.70): BN004817.D (-830) (-)

Ion 68.00 (67.70 to 68.70): BN004817.D (-830) (-)

10.49

5000

4000

3000

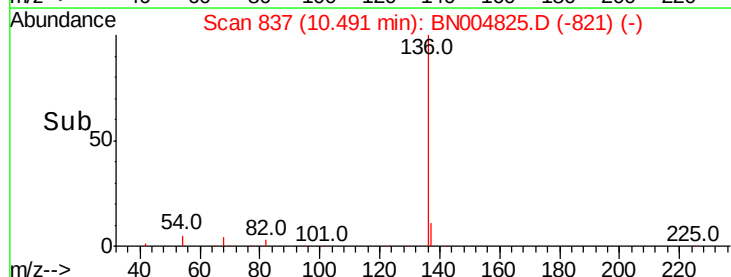
2000

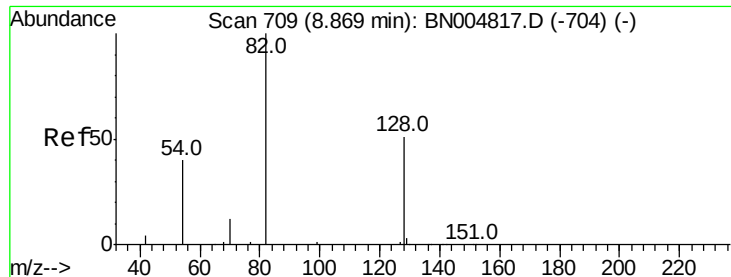
1000

0

10.40 10.60

Time-->





#8

Nitrobenzene-d5

Concen: 0.223 ng

RT: 8.88 min Scan# 710

Delta R.T. 0.01 min

Lab File: BN004825.D

Acq: 20 Mar 2019 18:44

Instrument :

BNA_N

ClientSampleId :

PB117833BL

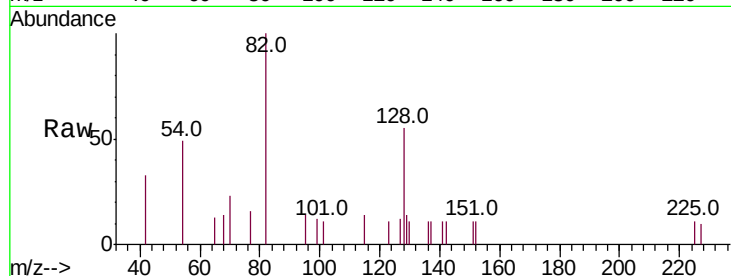
Tot Ion: 82 Resp: 1088

Ion Ratio Lower Upper

82 100

128 55.1 43.0 64.6

54 49.1 35.3 52.9



Abundance Ion 82.00 (81.70 to 82.70): BN004817.D (-704) (-)

Ion 128.00 (127.70 to 128.70): BN004817.D (-704) (-)

Ion 54.00 (53.70 to 54.70): BN004817.D (-704) (-)

8.88

400

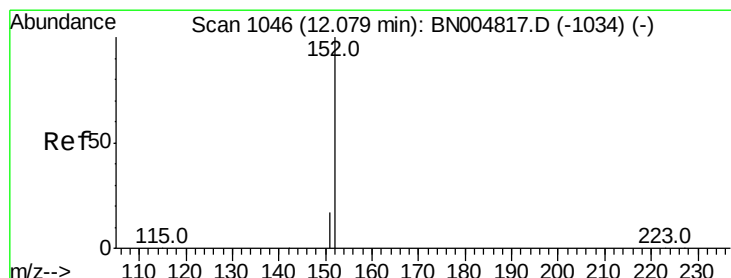
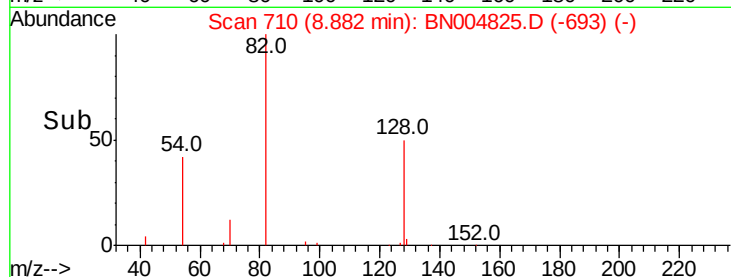
300

200

100

0

Time--> 8.70 8.80 8.90 9.00



#11

2-Methylnaphthalene-d10

Concen: 0.221 ng

RT: 12.09 min Scan# 1048

Delta R.T. 0.01 min

Lab File: BN004825.D

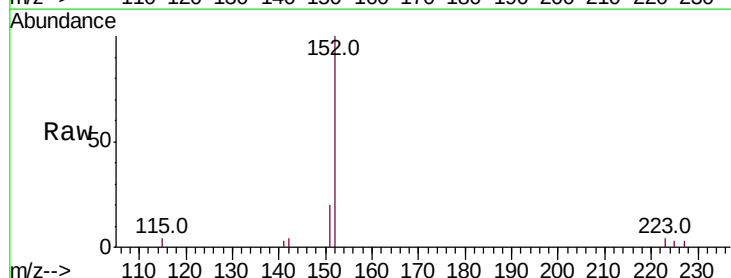
Acq: 20 Mar 2019 18:44

Tgt Ion: 152 Resp: 2841

Ion Ratio Lower Upper

152 100

151 19.4 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): BN004817.D (-1034) (-)

Ion 151.00 (150.70 to 151.70): BN004817.D (-1034) (-)

12.09

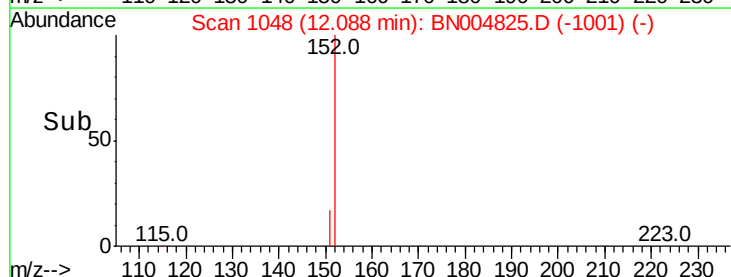
1500

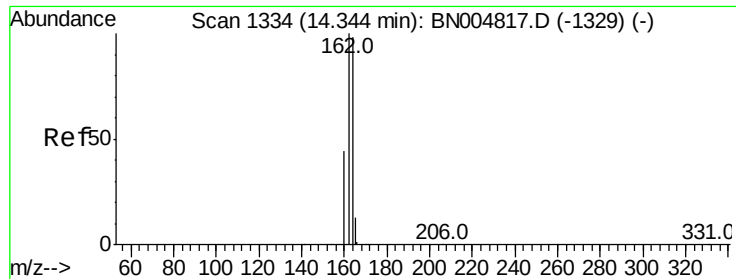
1000

500

0

Time--> 12.00 12.10 12.20 12.30





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.34 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BN004825.D

Acq: 20 Mar 2019 18:44

Instrument :

BNA_N

ClientSampleId :

PB117833BL

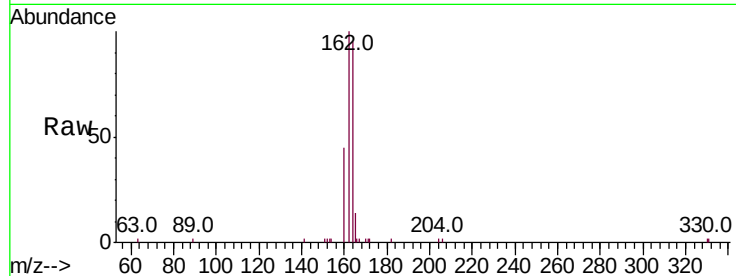
Tot Ion:164 Resp: 4343

Ion Ratio Lower Upper

164 100

162 105.3 81.9 122.9

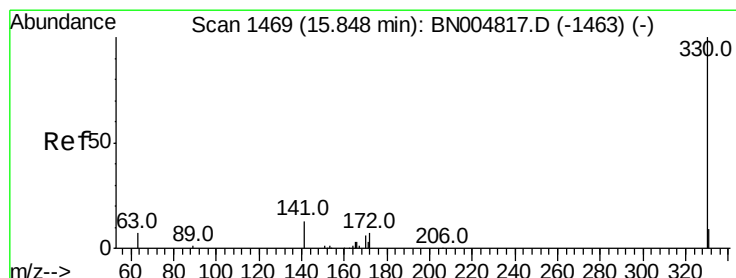
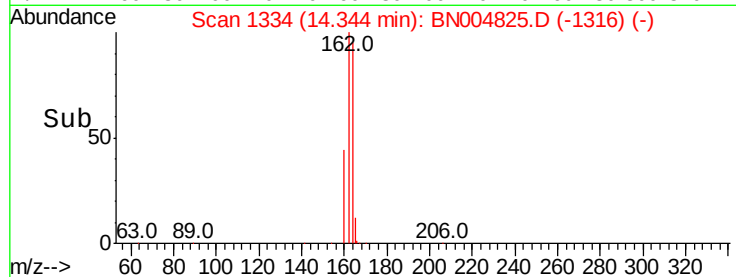
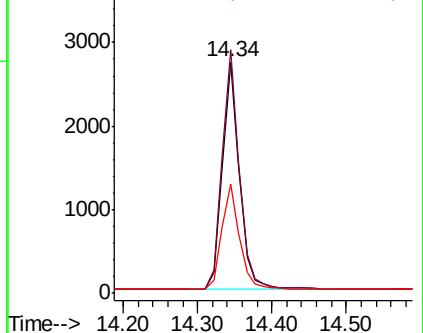
160 47.4 36.6 54.8



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



#14

2,4,6-Tribromophenol

Concen: 0.193 ng

RT: 15.86 min Scan# 1470

Delta R.T. 0.01 min

Lab File: BN004825.D

Acq: 20 Mar 2019 18:44

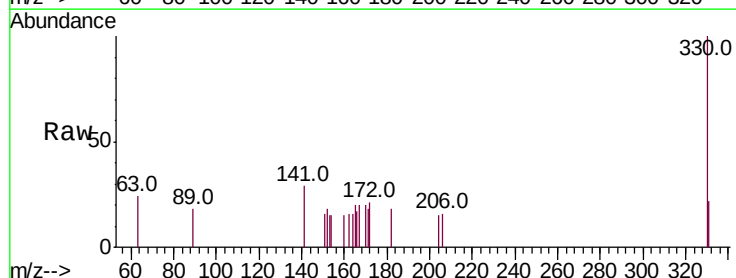
Tgt Ion:330 Resp: 580

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

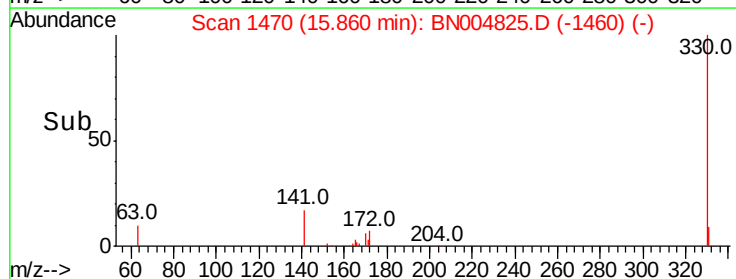
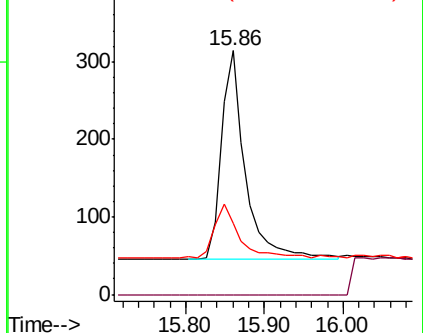
141 26.9 20.9 31.3

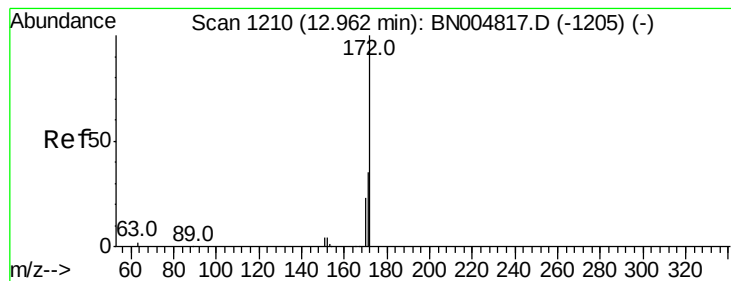


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.256 ng

RT: 12.96 min Scan# 1210

Delta R.T. 0.00 min

Lab File: BN004825.D

Acq: 20 Mar 2019 18:44

Instrument :

BNA_N

ClientSampleId :

PB117833BL

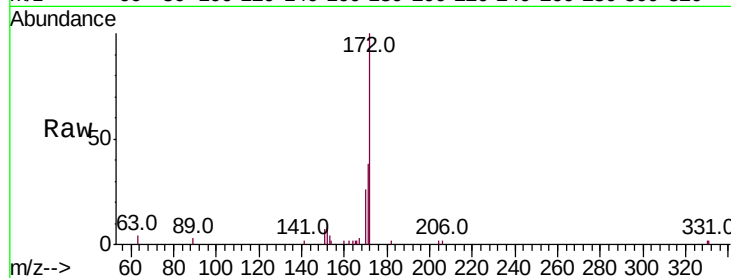
Tot Ion:172 Resp: 4587

Ion Ratio Lower Upper

172 100

171 38.2 28.7 43.1

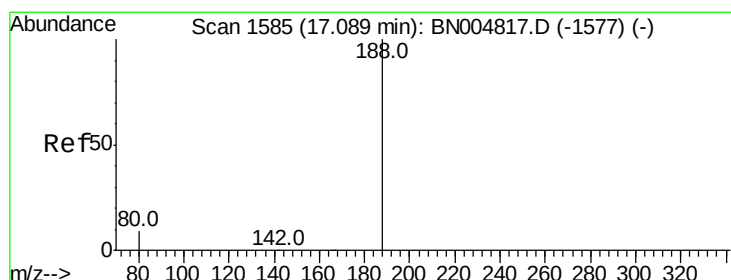
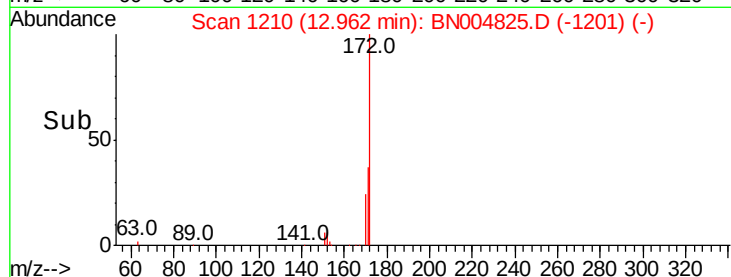
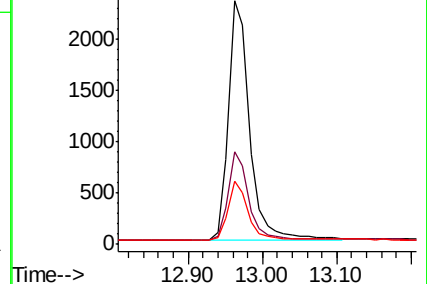
170 25.8 18.7 28.1



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



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.10 min Scan# 1586

Delta R.T. 0.01 min

Lab File: BN004825.D

Acq: 20 Mar 2019 18:44

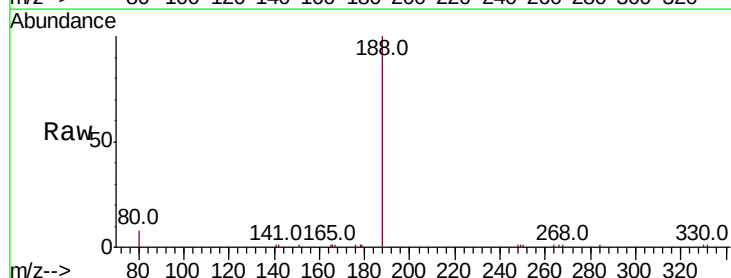
Tgt Ion:188 Resp: 12588

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

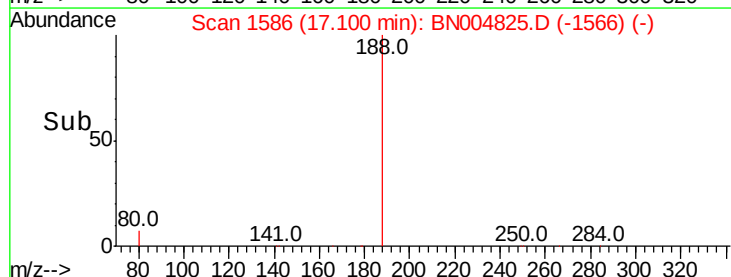
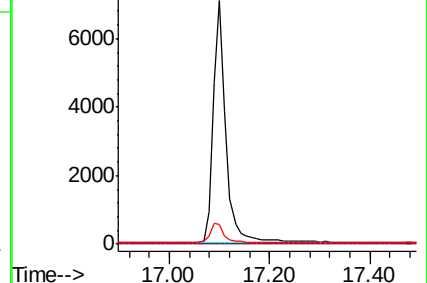
80 7.9 7.4 11.2

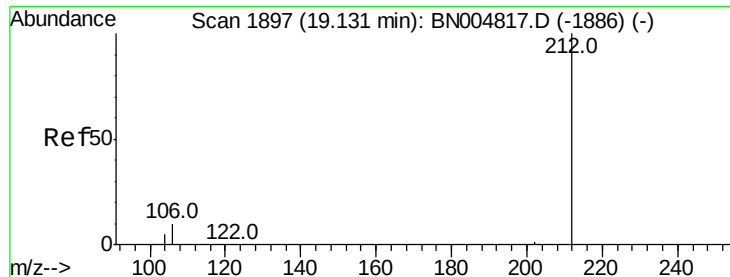


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

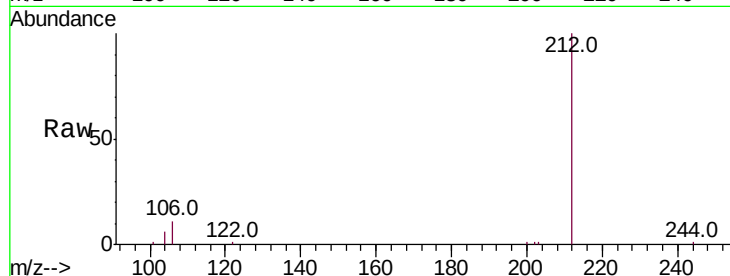




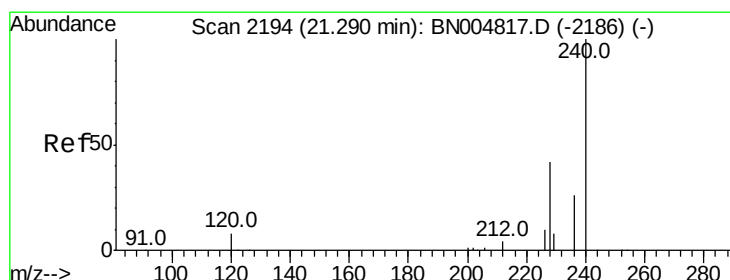
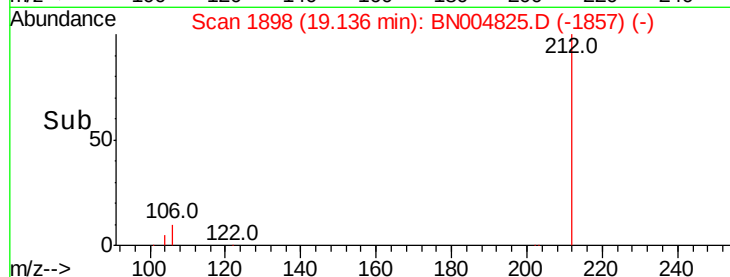
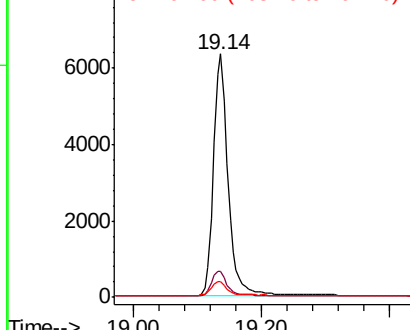
#25
 Fluoranthene-d10
 Concen: 0.239 ng
 RT: 19.14 min Scan# 1898
 Delta R.T. 0.01 min
 Lab File: BN004825.D
 Acq: 20 Mar 2019 18:44

Instrument :
 BNA_N
 ClientSampleId :
 PB117833BL

Tot Ion:212 Resp: 10064
 Ion Ratio Lower Upper
 212 100
 106 10.4 8.6 13.0
 104 5.9 4.7 7.1

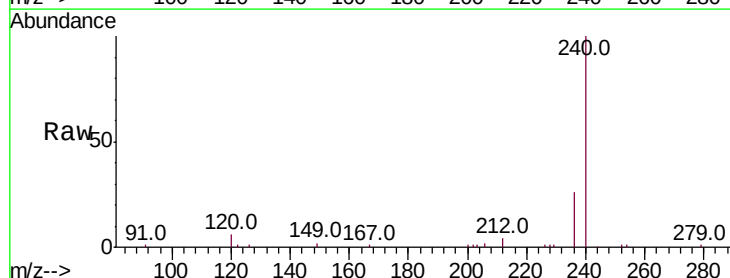


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

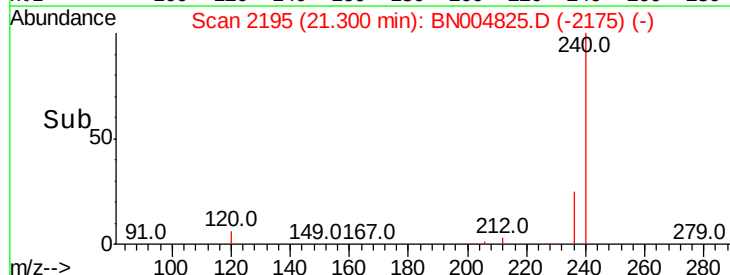
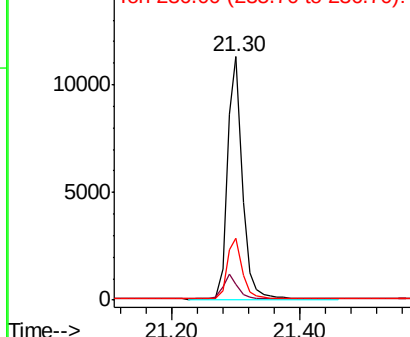


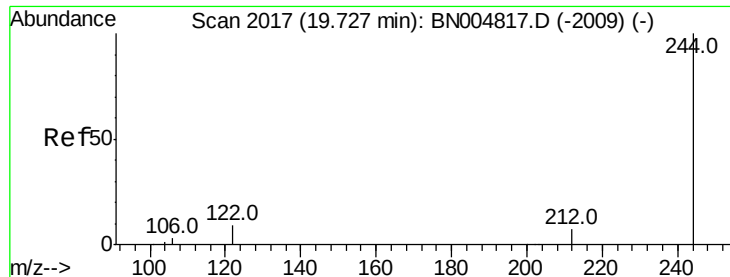
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.30 min Scan# 2195
 Delta R.T. 0.01 min
 Lab File: BN004825.D
 Acq: 20 Mar 2019 18:44

Tgt Ion:240 Resp: 18060
 Ion Ratio Lower Upper
 240 100
 120 6.4 7.2 10.8#
 236 25.5 20.9 31.3



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





#29

Terphenyl-d14

Concen: 0.271 ng

RT: 19.73 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BN004825.D

Acq: 20 Mar 2019 18:44

Instrument :

BNA_N

ClientSampleId :

PB117833BL

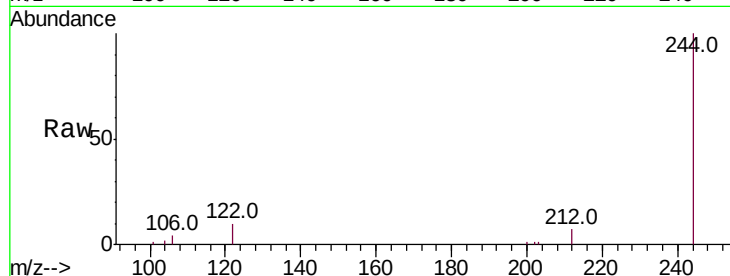
Tot Ion:244 Resp: 10015

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

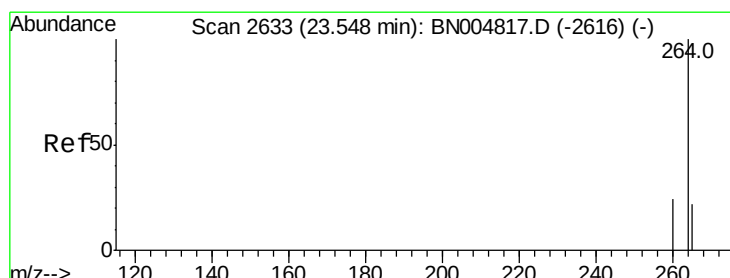
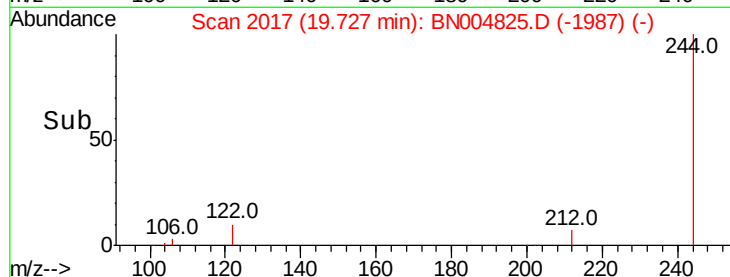
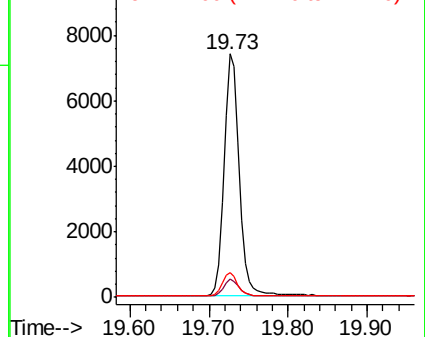
122 10.2 7.9 11.9



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.55 min Scan# 2634

Delta R.T. 0.00 min

Lab File: BN004825.D

Acq: 20 Mar 2019 18:44

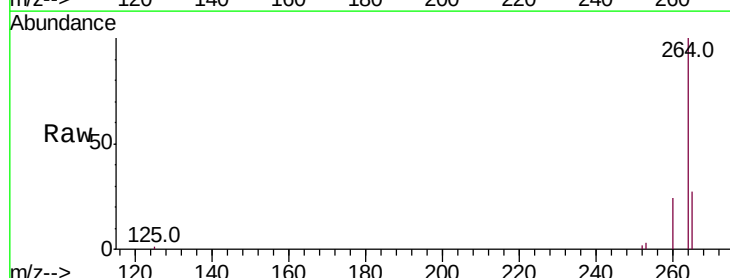
Tgt Ion:264 Resp: 20927

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 26.7 23.1 34.7



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

