

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040219\
 Data File : BN005059.D
 Acq On : 02 Apr 2019 13:24
 Operator : JU/SJ
 Sample : PB118477BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB118477BL

Quant Time: Apr 03 02:06:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 29 03:42:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	3213	0.40	ng	0.00
7) Naphthalene-d8	10.45	136	12637	0.40	ng	0.01
13) Acenaphthene-d10	14.31	164	6853	0.40	ng	0.01
19) Phenanthrene-d10	17.07	188	15004	0.40	ng	0.01
27) Chrysene-d12	21.27	240	12333	0.40	ng	0.01
34) Perylene-d12	23.51	264	11281	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	2276	0.28	ng	0.00
5) Phenol-d6	6.86	99	2332	0.25	ng	0.02
8) Nitrobenzene-d5	8.86	82	1746	0.24	ng	0.03
11) 2-Methylnaphthalene-d10	12.06	152	5345	0.27	ng	0.02
14) 2,4,6-Tribromophenol	15.84	330	630	0.16	ng	0.02
15) 2-Fluorobiphenyl	12.94	172	7386	0.29	ng	0.02
25) Fluoranthene-d10	19.11	212	10982	0.26	ng	0.01
29) Terphenyl-d14	19.70	244	7537	0.30	ng	0.01

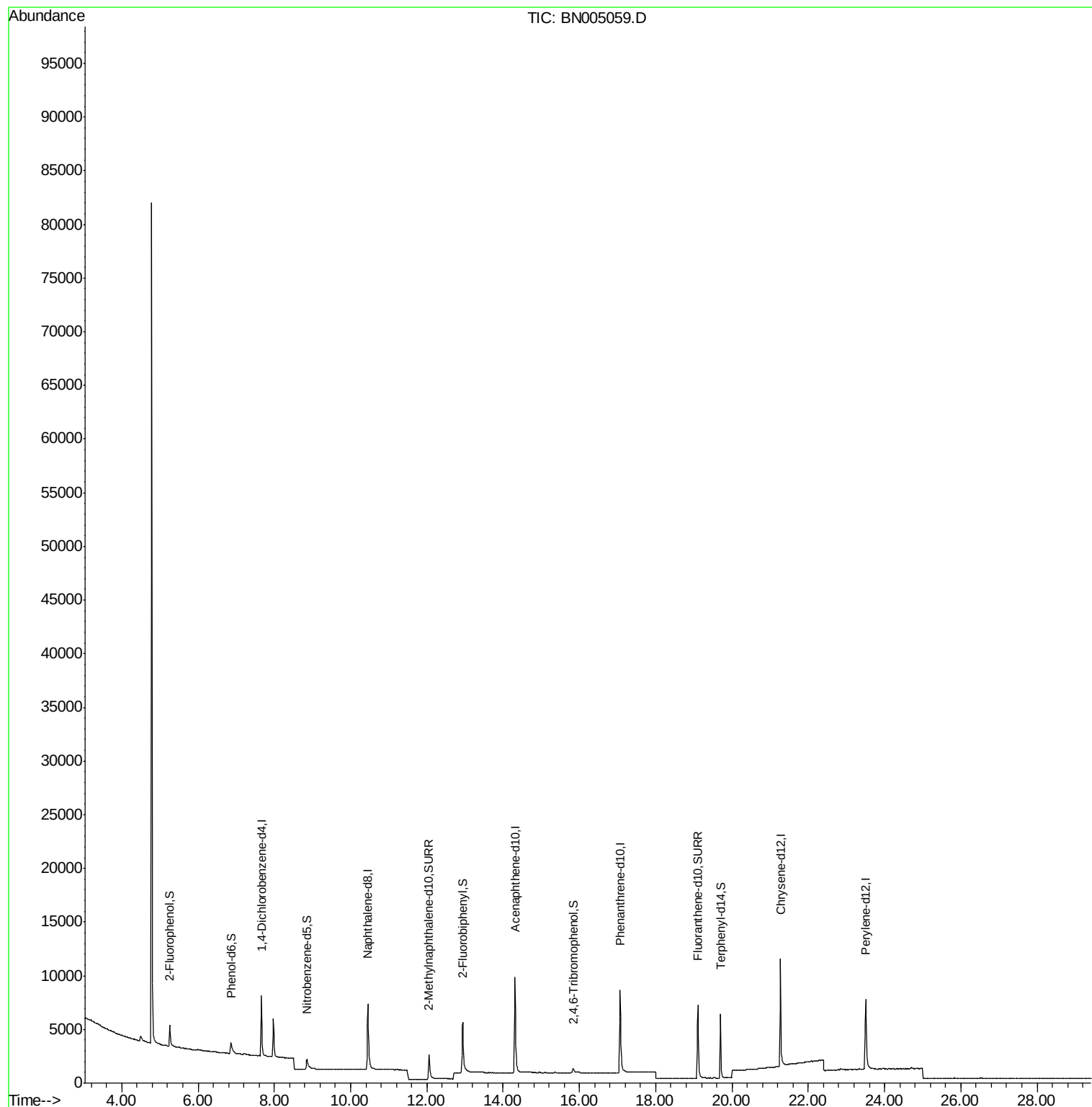
Target Compounds	Qvalue
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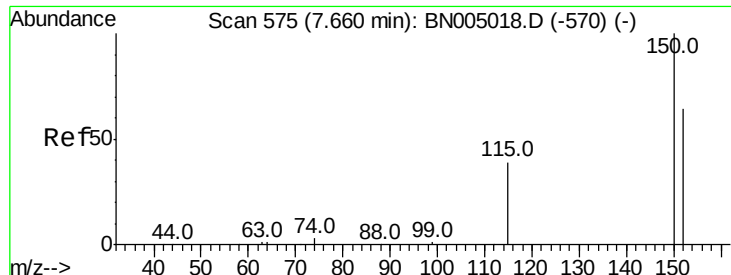
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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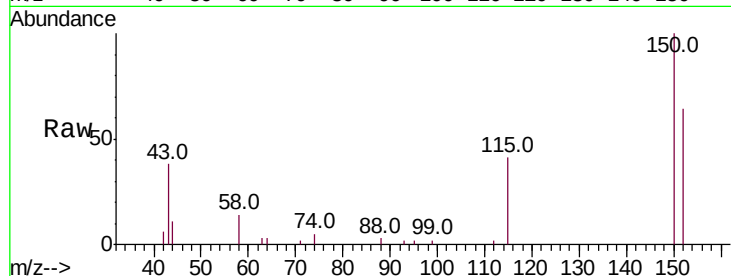


#1

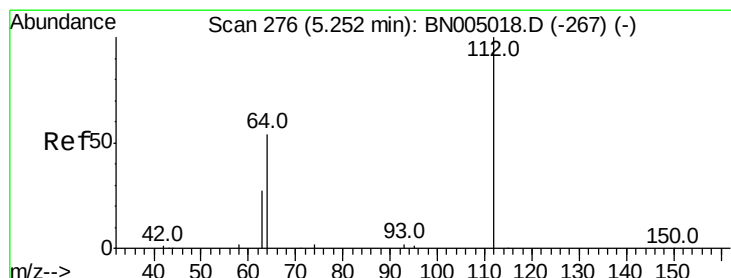
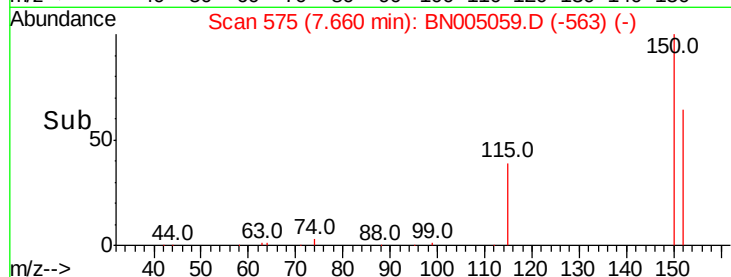
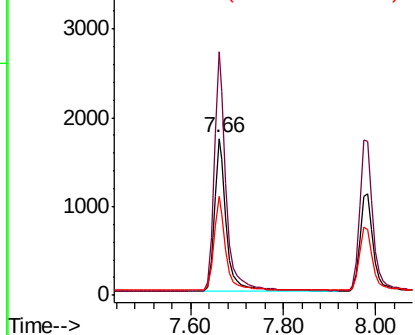
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.66 min Scan# 575
Delta R.T. 0.00 min
Lab File: BN005059.D
Acq: 02 Apr 2019 13:24

Instrument :
BNA_N
ClientSampleId :
PB118477BL

Tot Ion:152 Resp: 3213
Ion Ratio Lower Upper
152 100
150 155.3 123.4 185.2
115 63.2 50.0 75.0



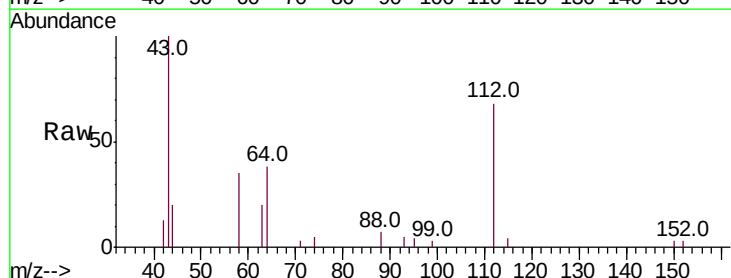
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



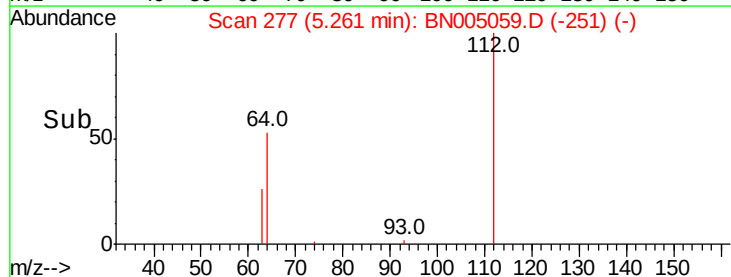
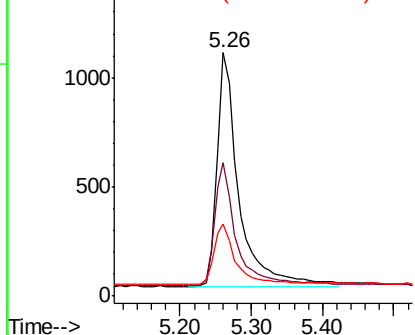
#4

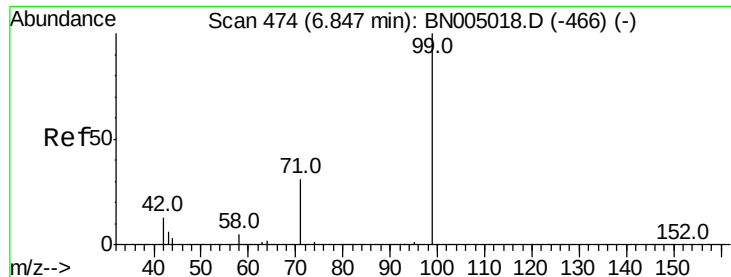
2-Fluorophenol
Concen: 0.284 ng
RT: 5.26 min Scan# 277
Delta R.T. 0.01 min
Lab File: BN005059.D
Acq: 02 Apr 2019 13:24

Tgt Ion:112 Resp: 2276
Ion Ratio Lower Upper
112 100
64 52.0 41.9 62.9
63 25.5 21.5 32.3



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: 0.245 ng

RT: 6.86 min Scan# 476

Delta R.T. 0.02 min

Lab File: BN005059.D

Acq: 02 Apr 2019 13:24

Instrument :

BNA_N

ClientSampleId :

PB118477BL

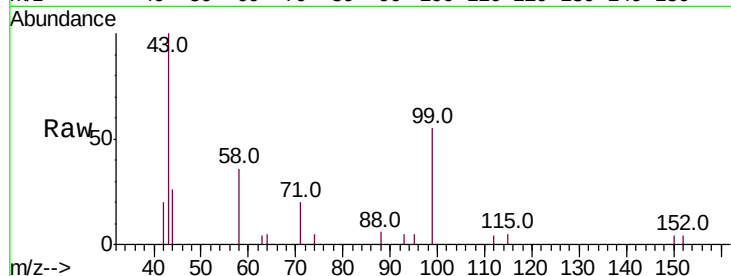
Tot Ion: 99 Resp: 2332

Ion Ratio Lower Upper

99 100

42 13.6 12.2 18.2

71 30.6 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BN005018.D (-466) (-)

Ion 42.00 (41.70 to 42.70): BN005018.D (-466) (-)

Ion 71.00 (70.70 to 71.70): BN005018.D (-466) (-)

6.86

800

600

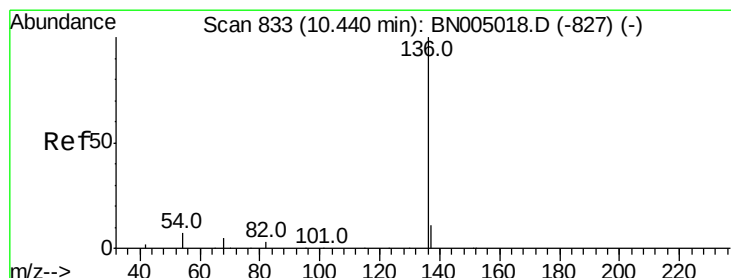
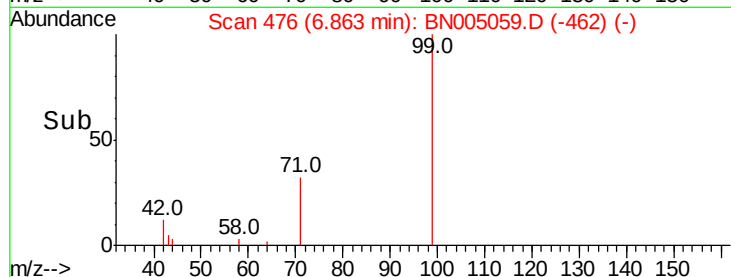
400

200

0

6.70 6.80 6.90 7.00

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.45 min Scan# 834

Delta R.T. 0.01 min

Lab File: BN005059.D

Acq: 02 Apr 2019 13:24

Tgt Ion: 136 Resp: 12637

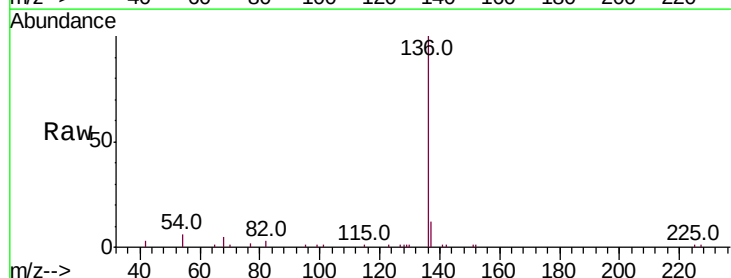
Ion Ratio Lower Upper

136 100

137 11.9 9.2 13.8

54 6.0 6.0 9.0

68 5.4 5.0 7.6



Abundance Ion 136.00 (135.70 to 136.70): BN005018.D (-827) (-)

Ion 137.00 (136.70 to 137.70): BN005018.D (-827) (-)

Ion 54.00 (53.70 to 54.70): BN005018.D (-827) (-)

Ion 68.00 (67.70 to 68.70): BN005018.D (-827) (-)

10.45

6000

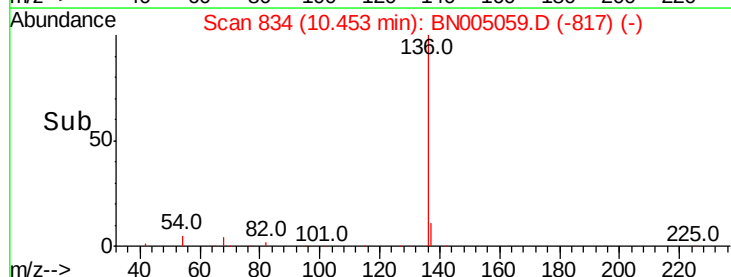
4000

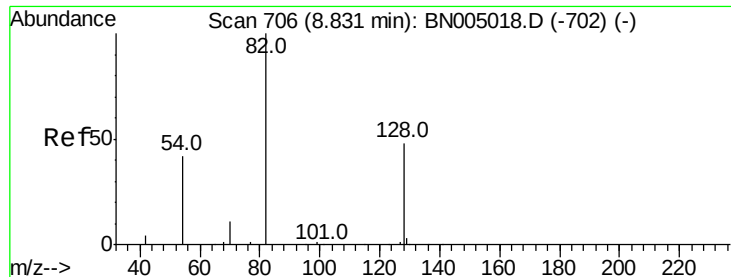
2000

0

10.40 10.50 10.60

Time-->





#8

Nitrobenzene-d5

Concen: 0.238 ng

RT: 8.86 min Scan# 708

Delta R.T. 0.03 min

Lab File: BN005059.D

Acq: 02 Apr 2019 13:24

Instrument :

BNA_N

ClientSampleId :

PB118477BL

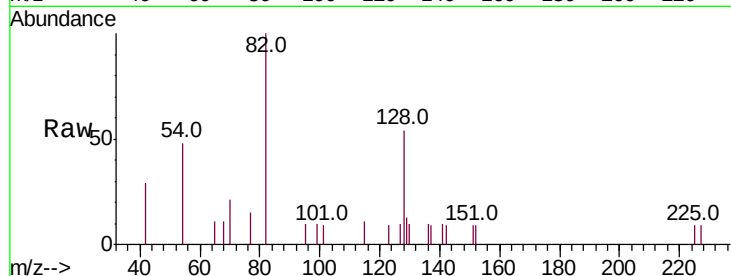
Tot Ion: 82 Resp: 1746

Ion Ratio Lower Upper

82 100

128 53.6 40.5 60.7

54 47.7 35.7 53.5



Abundance Ion 82.00 (81.70 to 82.70): BN005018.D (-702) (-)

Ion 128.00 (127.70 to 128.70): BN005018.D (-702) (-)

Ion 54.00 (53.70 to 54.70): BN005018.D (-702) (-)

8.86

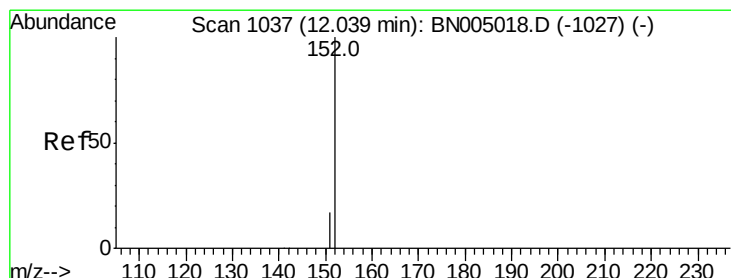
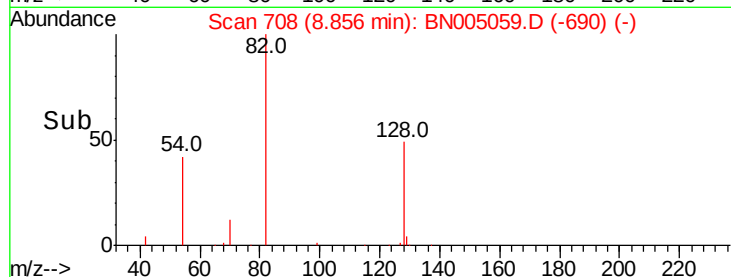
400

200

0

8.70 8.80 8.90 9.00

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.273 ng

RT: 12.06 min Scan# 1041

Delta R.T. 0.02 min

Lab File: BN005059.D

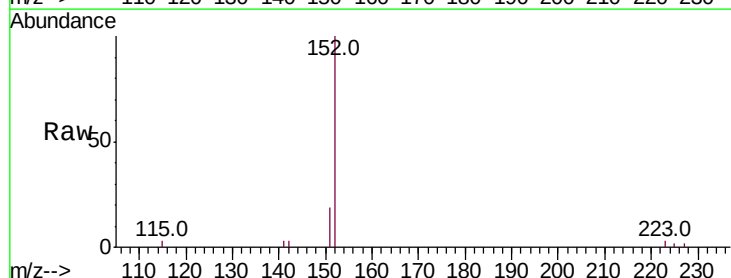
Acq: 02 Apr 2019 13:24

Tgt Ion: 152 Resp: 5345

Ion Ratio Lower Upper

152 100

151 18.8 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): BN005018.D (-1027) (-)

Ion 151.00 (150.70 to 151.70): BN005018.D (-1027) (-)

12.06

2000

1500

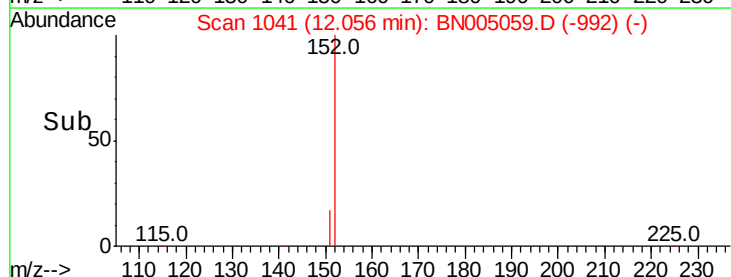
1000

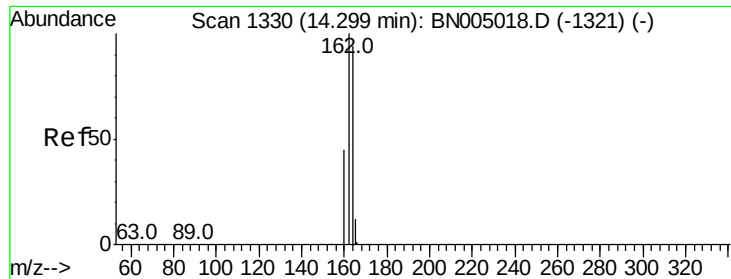
500

0

12.00 12.20

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 1331

Delta R.T. 0.01 min

Lab File: BN005059.D

Acq: 02 Apr 2019 13:24

Instrument :

BNA_N

ClientSampleId :

PB118477BL

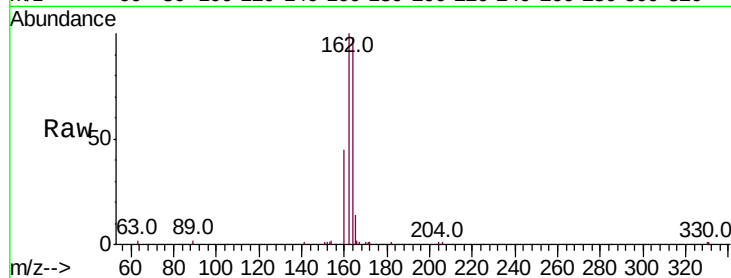
Tot Ion:164 Resp: 6853

Ion Ratio Lower Upper

164 100

162 102.4 85.3 127.9

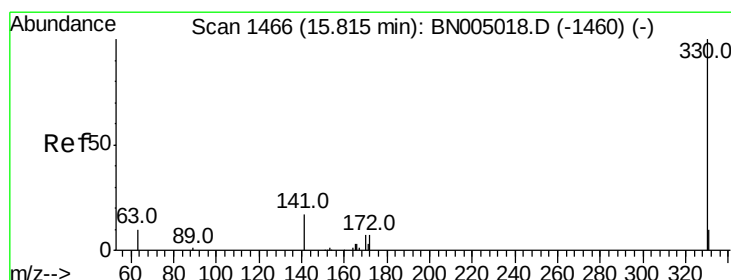
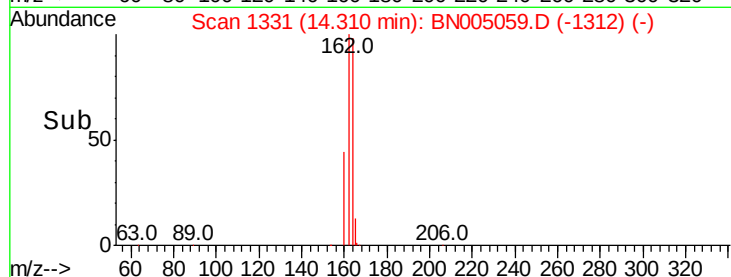
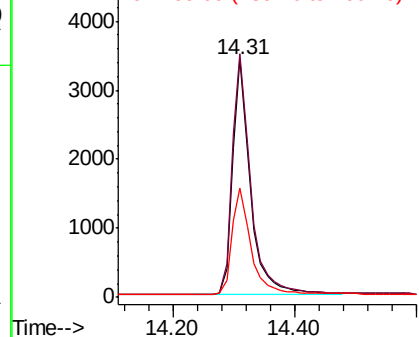
160 46.1 39.2 58.8



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: 0.164 ng

RT: 15.84 min Scan# 1468

Delta R.T. 0.02 min

Lab File: BN005059.D

Acq: 02 Apr 2019 13:24

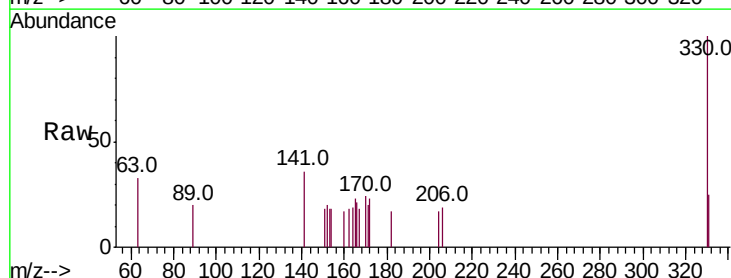
Tgt Ion:330 Resp: 630

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

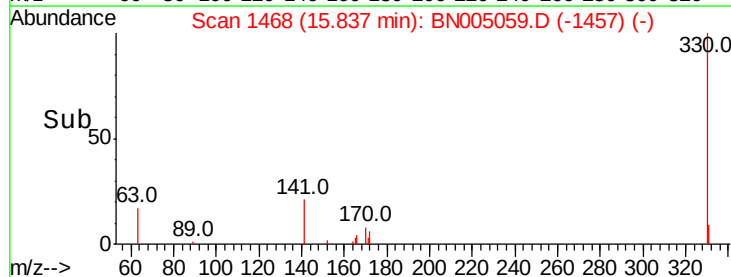
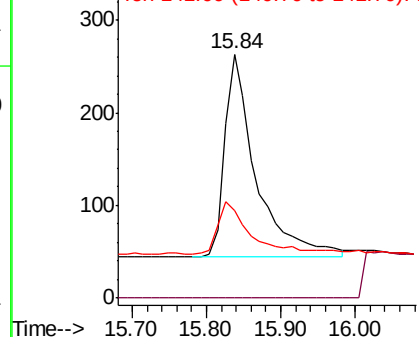
141 26.3 21.3 31.9

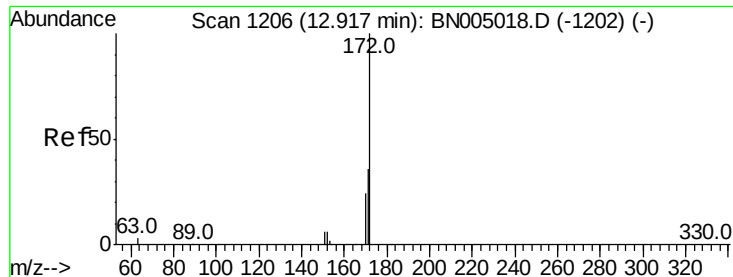


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.285 ng

RT: 12.94 min Scan# 1208

Delta R.T. 0.02 min

Lab File: BN005059.D

Acq: 02 Apr 2019 13:24

Instrument :

BNA_N

ClientSampleId :

PB118477BL

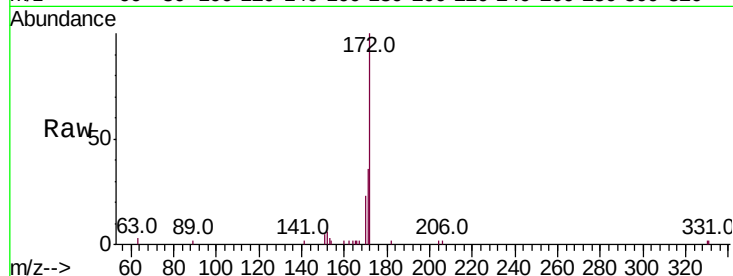
Tot Ion:172 Resp: 7386

Ion Ratio Lower Upper

172 100

171 36.1 29.4 44.0

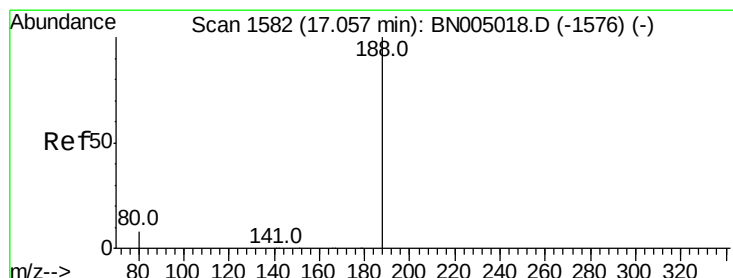
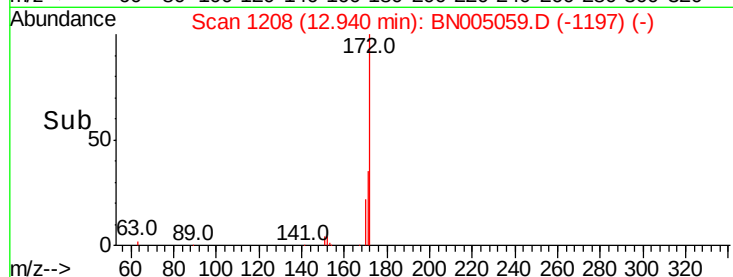
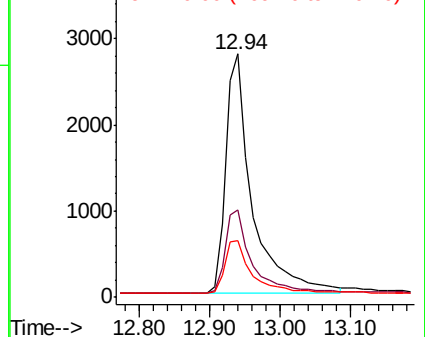
170 23.2 20.0 30.0



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: 17.07 min Scan# 1583

Delta R.T. 0.01 min

Lab File: BN005059.D

Acq: 02 Apr 2019 13:24

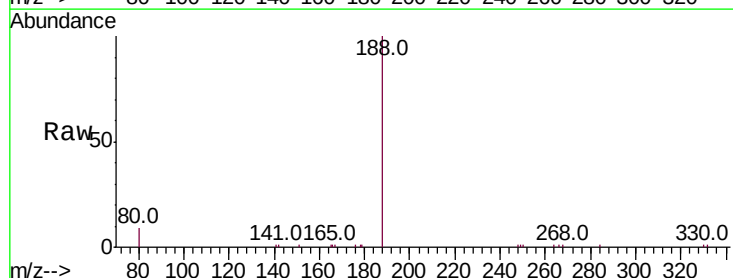
Tgt Ion:188 Resp: 15004

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

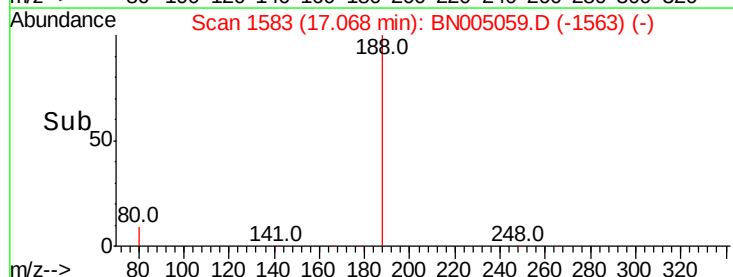
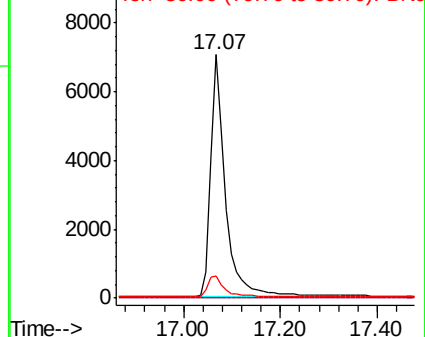
80 9.2 6.9 10.3

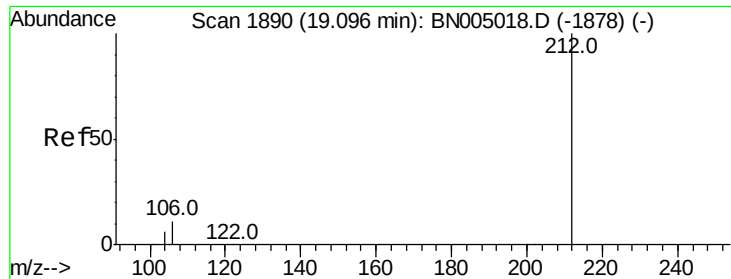


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#25

Fluoranthene-d10

Concen: 0.256 ng

RT: 19.11 min Scan# 1892

Delta R.T. 0.01 min

Lab File: BN005059.D

Acq: 02 Apr 2019 13:24

Instrument :

BNA_N

ClientSampleId :

PB118477BL

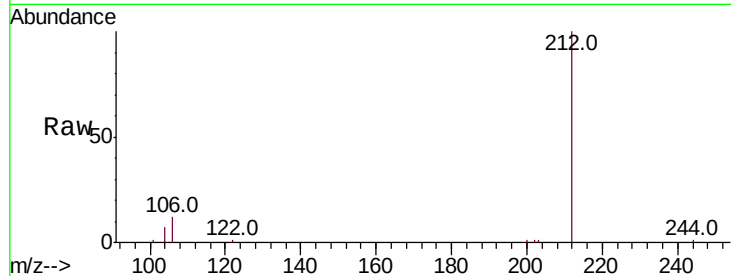
Tot Ion:212 Resp: 10982

Ion Ratio Lower Upper

212 100

106 11.8 9.4 14.2

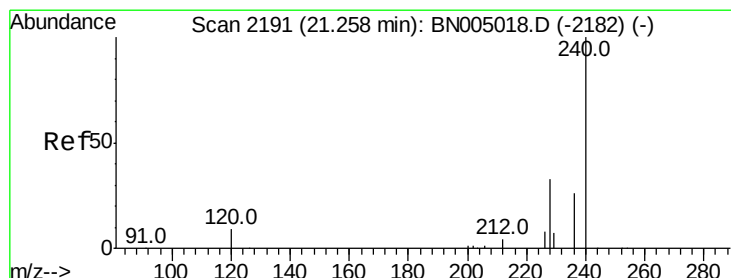
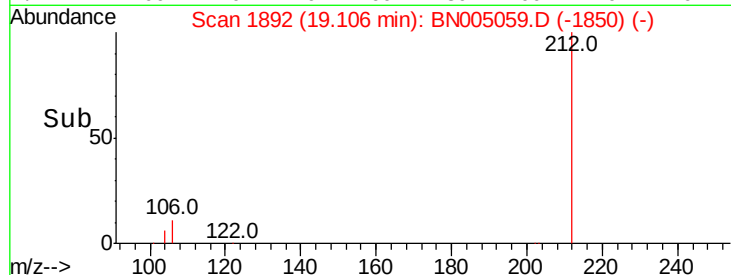
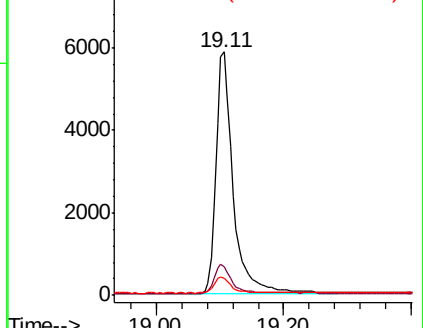
104 6.6 5.4 8.0



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: 21.27 min Scan# 2192

Delta R.T. 0.01 min

Lab File: BN005059.D

Acq: 02 Apr 2019 13:24

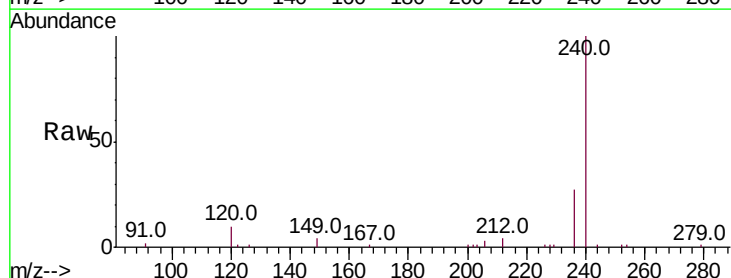
Tgt Ion:240 Resp: 12333

Ion Ratio Lower Upper

240 100

120 10.5 7.4 11.0

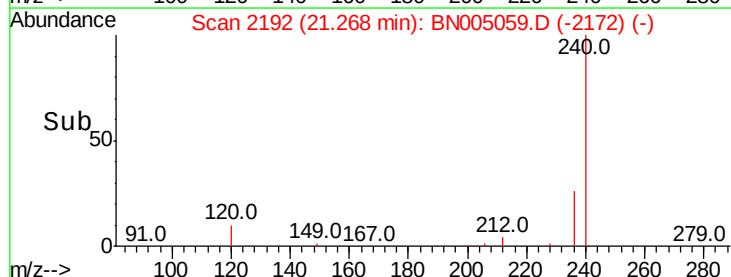
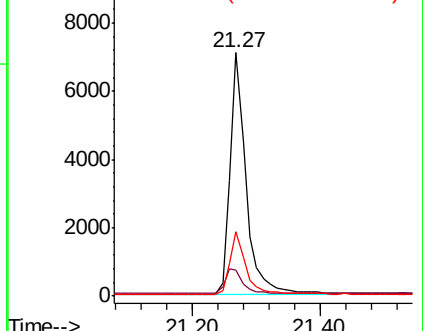
236 26.7 21.0 31.6

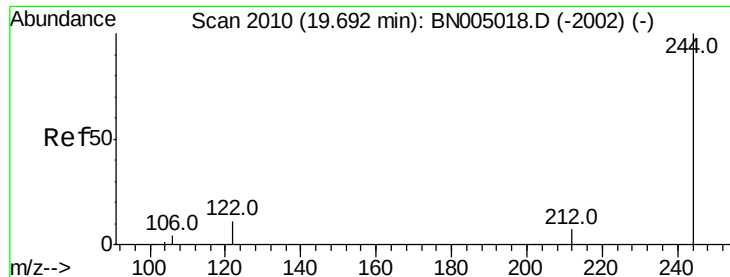


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.297 ng

RT: 19.70 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BN005059.D

Acq: 02 Apr 2019 13:24

Instrument :

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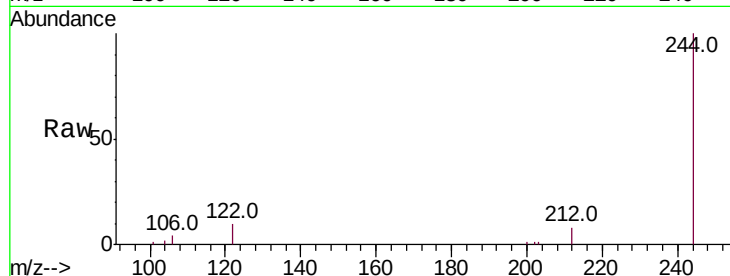
Tot Ion:244 Resp: 7537

Ion Ratio Lower Upper

244 100

212 7.8 5.9 8.9

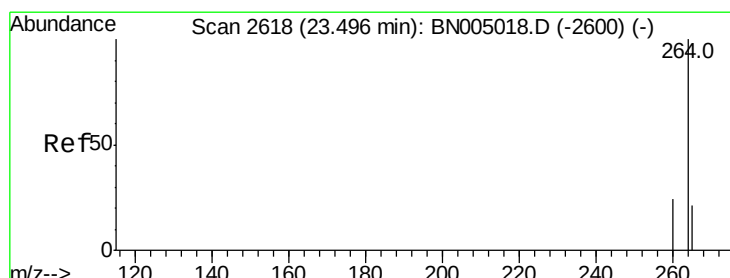
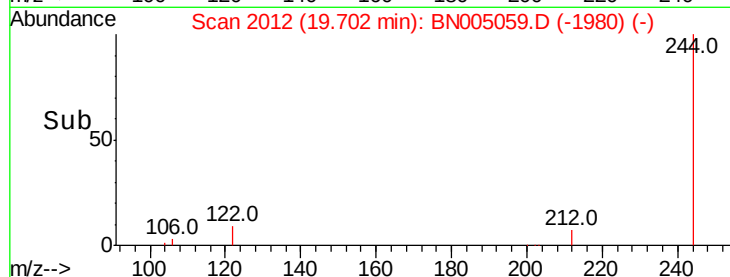
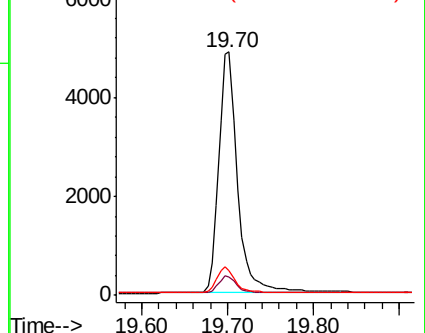
122 10.1 9.0 13.4



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: 23.51 min Scan# 2621

Delta R.T. 0.01 min

Lab File: BN005059.D

Acq: 02 Apr 2019 13:24

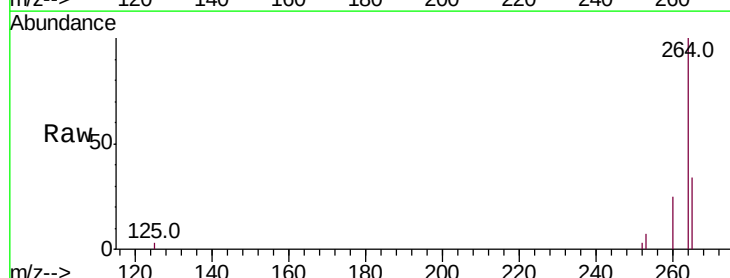
Tgt Ion:264 Resp: 11281

Ion Ratio Lower Upper

264 100

260 24.7 19.4 29.0

265 34.0 22.5 33.7#



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

