

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
 Data File : BN011499.D
 Acq On : 18 Aug 2020 23:54
 Operator : CG/JU
 Sample : L3668-10
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBFT6

Quant Time: Aug 19 02:22:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 19 02:19:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	160736	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	607783	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	382941	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	915732	20.00	ng/ul	0.00
78) Chrysene-d12	21.04	240	942925	20.00	ng/ul	0.00
86) Perylene-d12	23.15	264	997194	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	21669	6.47	ng/uL	0.00
5) Phenol-d5	6.63	99	59494	5.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	143651	24.79	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	203520	19.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.14	113	119529	12.95	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	125981	26.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	135429	25.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.81	165	235654	23.54	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	25253	2.11	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	884551	29.67	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	981026	27.34	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	28327	5.61	ng/ul	0.00
58) Fluorene-d10	15.07	176	780695	29.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	133875	22.04	ng/ul	0.00
71) Anthracene-d10	16.92	188	1283968	29.35	ng/ul	0.00
79) Pyrene-d10	19.23	212	1496369	30.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.01	264	1760816	31.79	ng/ul	0.00

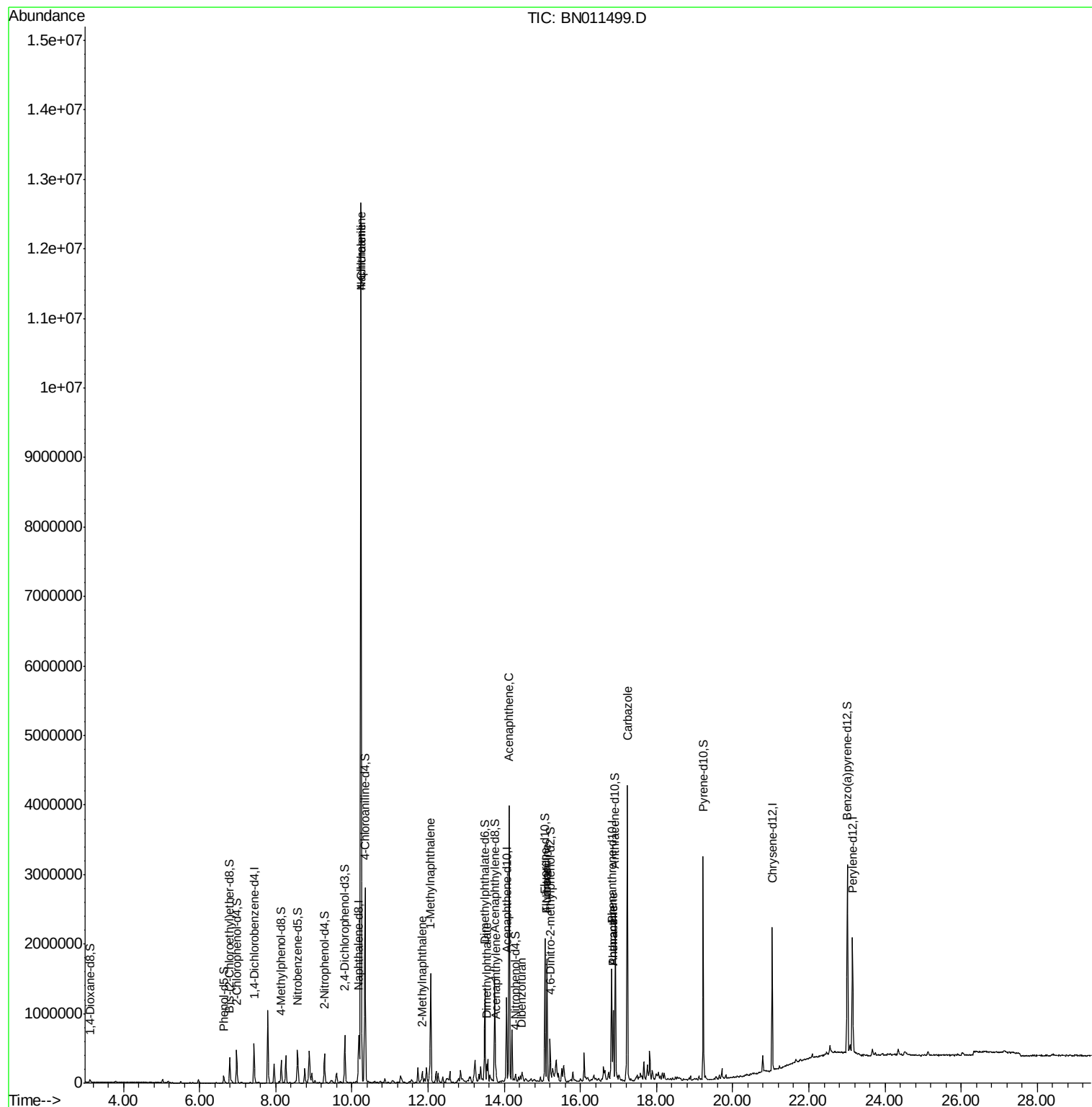
Target Compounds				Ovalue		
28) Naphthalene	10.23	128	10426799	307.407	ng/ul	98
30) 4-Chloroaniline	10.23	127	1395632	116.528	ng/ul#	14
34) 2-Methylnaphthalene	11.85	142	49783	2.141	ng/ul	89
35) 1-Methylnaphthalene	12.07	142	691896	30.358	ng/uL	99
45) Dimethylphthalate	13.54	163	150167	4.906	ng/ul	98
48) Acenaphthylene	13.77	152	38983	1.049	ng/ul#	91
50) Acenaphthene	14.13	153	1573795	60.490	ng/ul	95
54) Dibenzofuran	14.47	168	61927	1.641	ng/ul	99
59) Fluorene	15.12	166	744095	24.467	ng/ul	99
61) 4-Nitroaniline	15.12	138	9510	1.694	ng/ul#	21
70) Phenanthrene	16.86	178	557053	10.256	ng/ul	97
72) Anthracene	16.86	178	557389	10.132	ng/ul	98
75) Carbazole	17.23	167	2499668	54.031	ng/ul	100

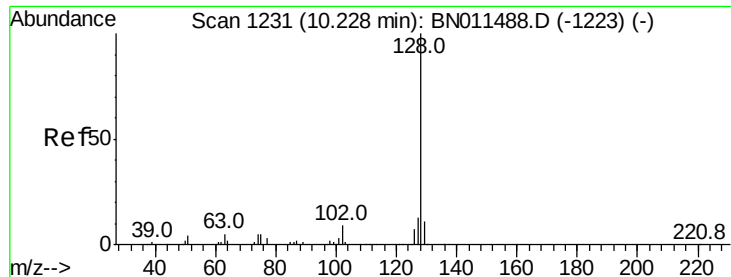
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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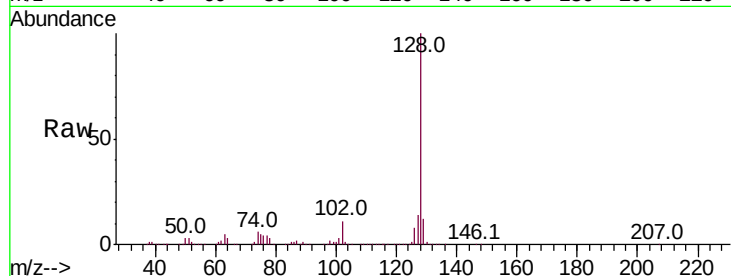




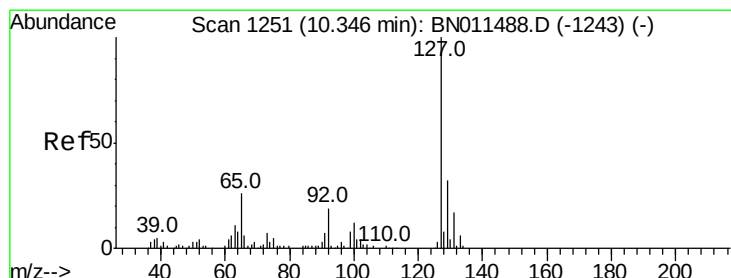
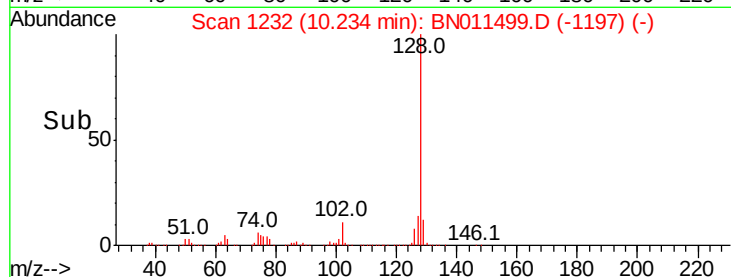
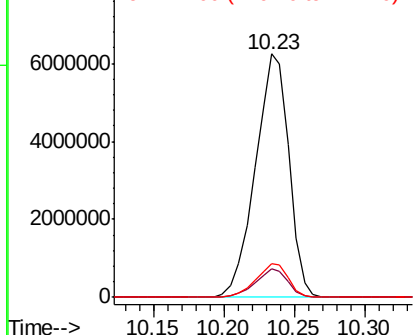
#28
Naphthalene
Concen: 307.407 ng/ul
RT: 10.23 min Scan# 1232
Delta R.T. 0.01 min
Lab File: BN011499.D
Acq: 18 Aug 2020 23:54

Instrument :
BNA_N
ClientSampleId :
DBFT6

Tot Ion:128 Resp:10426799
Ion Ratio Lower Upper
128 100
129 11.5 8.9 13.3
127 13.9 10.2 15.2

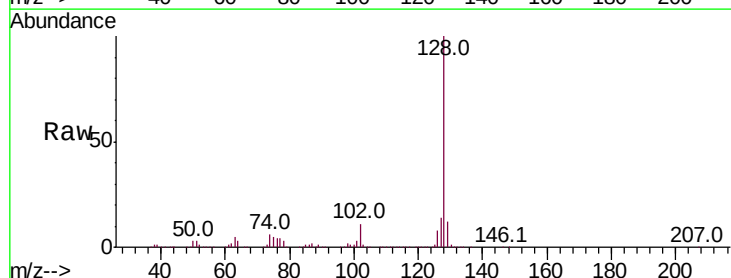


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

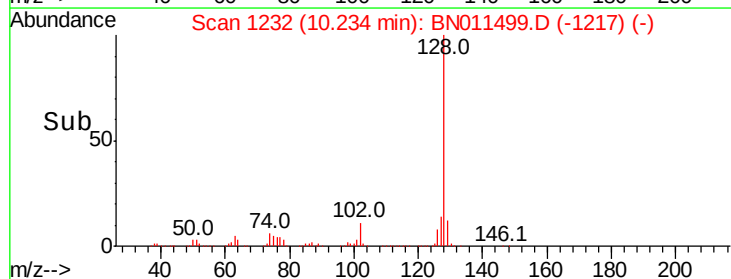
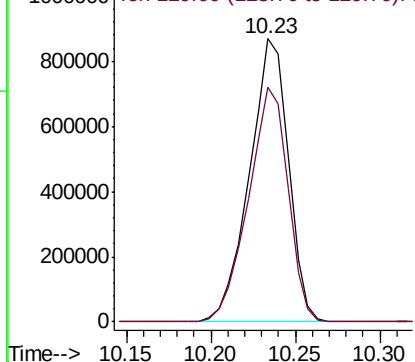


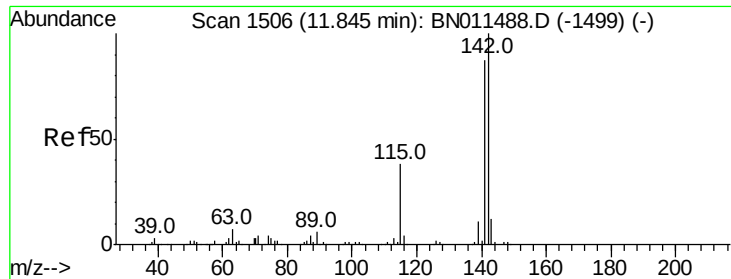
#30
4-Chloroaniline
Concen: 116.528 ng/ul
RT: 10.23 min Scan# 1232
Delta R.T. -0.11 min
Lab File: BN011499.D
Acq: 18 Aug 2020 23:54

Tgt Ion:127 Resp: 1395632
Ion Ratio Lower Upper
127 100
129 82.8 26.9 40.3#



Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E





#34

2-Methylnaphthalene

Concen: 2.141 ng/uL

RT: 11.85 min Scan# 1506

Delta R.T. 0.00 min

Lab File: BN011499.D

Acq: 18 Aug 2020 23:54

Instrument :

BNA_N

ClientSampleId :

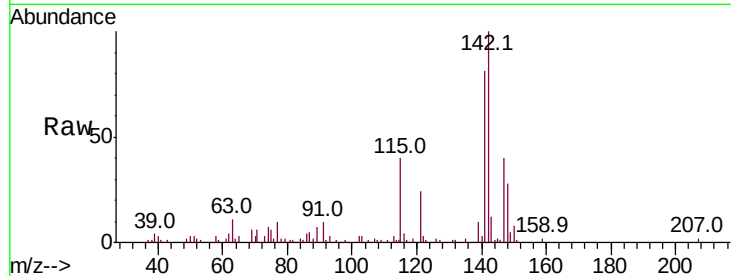
DBFT6

Tot Ion:142 Resp: 49783

Ion Ratio Lower Upper

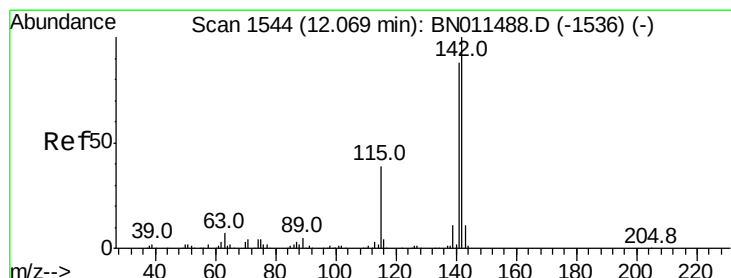
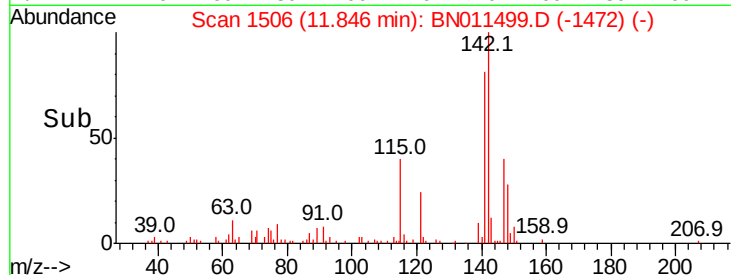
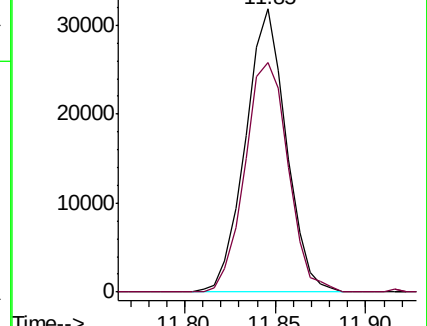
142 100

141 81.3 73.2 109.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#35

1-Methylnaphthalene

Concen: 30.358 ng/uL

RT: 12.07 min Scan# 1544

Delta R.T. 0.00 min

Lab File: BN011499.D

Acq: 18 Aug 2020 23:54

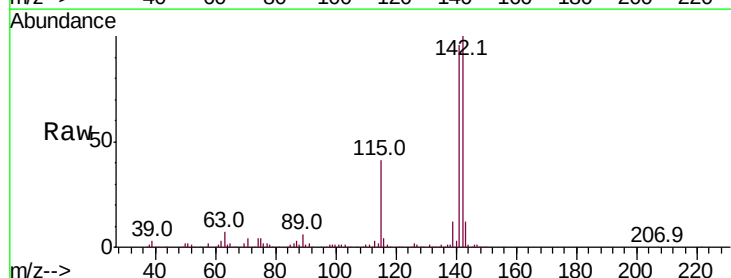
Tgt Ion:142 Resp: 691896

Ion Ratio Lower Upper

142 100

141 92.4 75.0 112.4

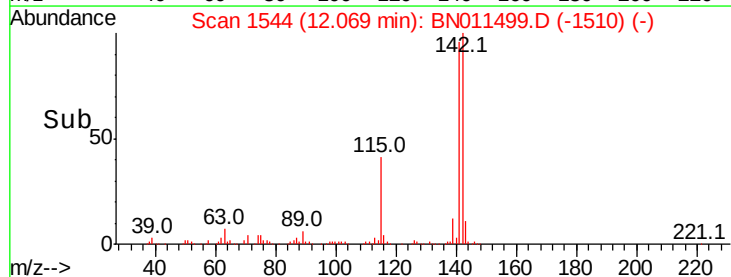
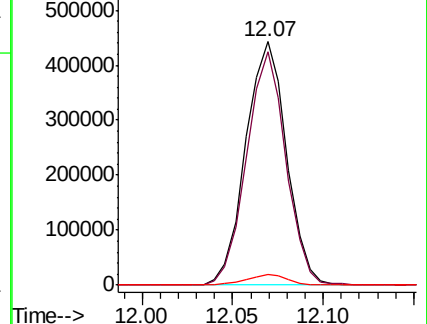
116 4.4 3.4 5.0

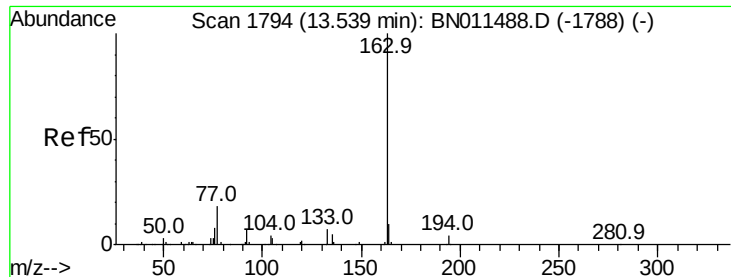


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#45

Dimethylphthalate

Concen: 4.906 ng/ul

RT: 13.54 min Scan# 1794

Delta R.T. 0.00 min

Lab File: BN011499.D

Acq: 18 Aug 2020 23:54

Instrument :

BNA_N

ClientSampleId :

DBFT6

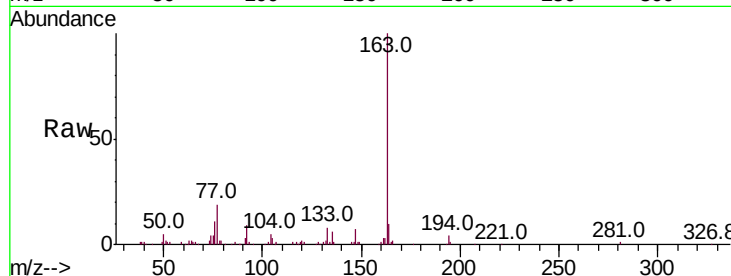
Tot Ion:163 Resp: 150167

Ion Ratio Lower Upper

163 100

194 4.3 3.8 5.6

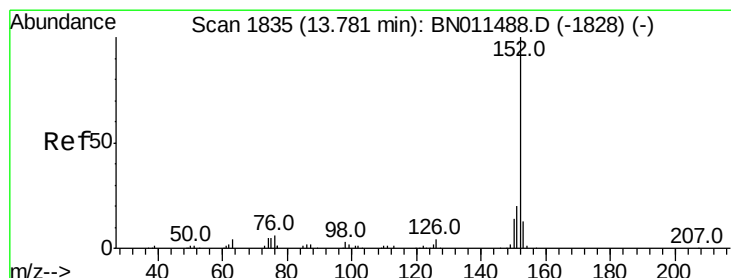
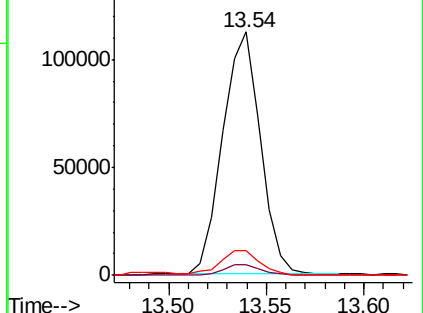
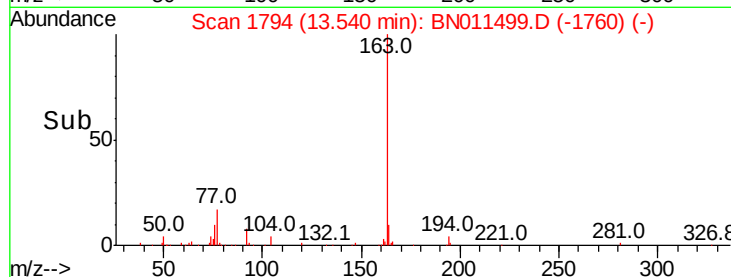
164 10.1 8.7 13.1



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



#48

Acenaphthylene

Concen: 1.049 ng/ul

RT: 13.77 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BN011499.D

Acq: 18 Aug 2020 23:54

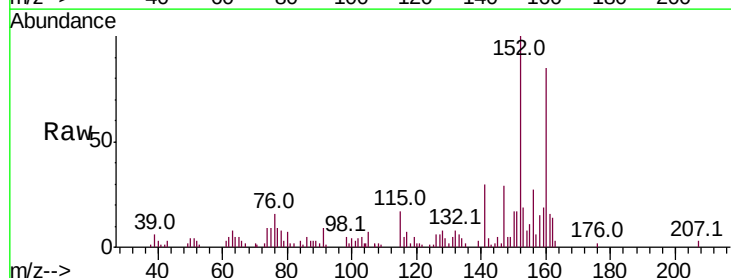
Tgt Ion:152 Resp: 38983

Ion Ratio Lower Upper

152 100

151 17.5 15.4 23.2

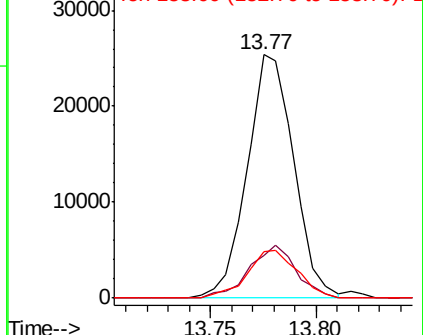
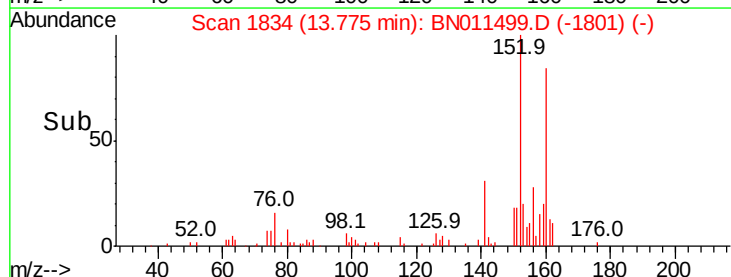
153 18.9 9.9 14.9#

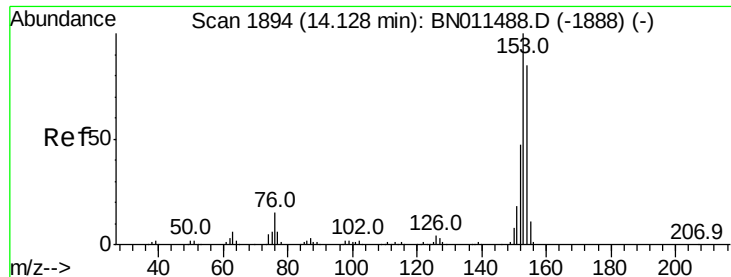


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#50

Acenaphthene

Concen: 60.490 ng/ul

RT: 14.13 min Scan# 1894

Delta R.T. 0.00 min

Lab File: BN011499.D

Acq: 18 Aug 2020 23:54

Instrument :

BNA_N

ClientSampleId :

DBFT6

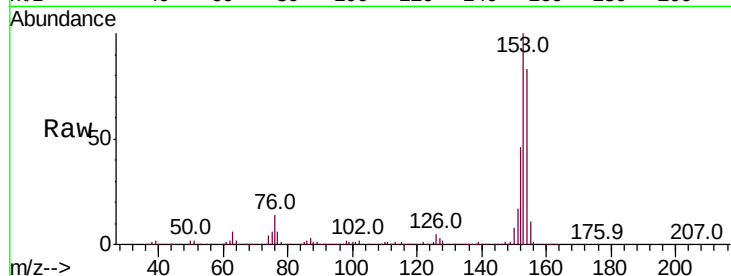
Tot Ion:153 Resp: 1573795

Ion Ratio Lower Upper

153 100

152 46.4 37.6 56.4

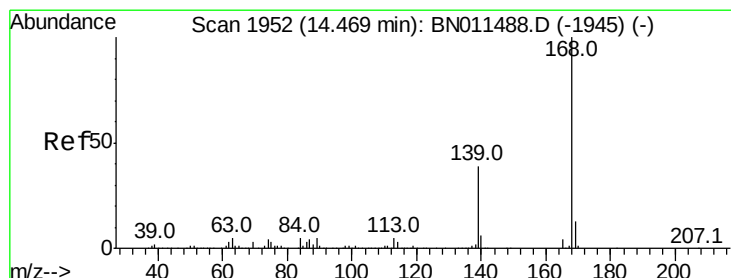
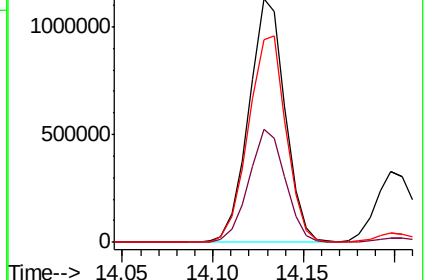
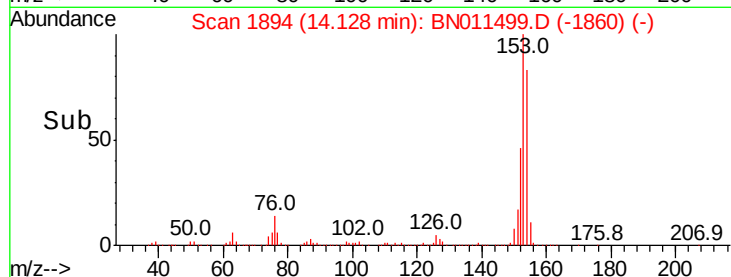
154 83.5 72.0 108.0



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 1.641 ng/ul

RT: 14.47 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BN011499.D

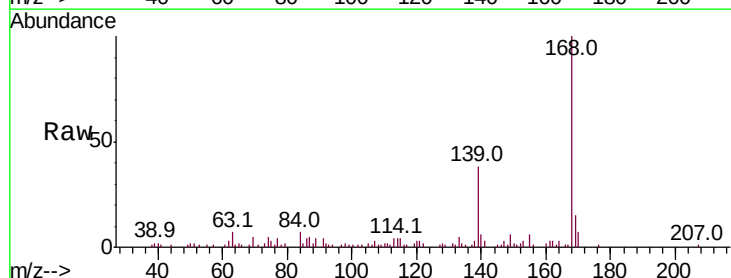
Acq: 18 Aug 2020 23:54

Tgt Ion:168 Resp: 61927

Ion Ratio Lower Upper

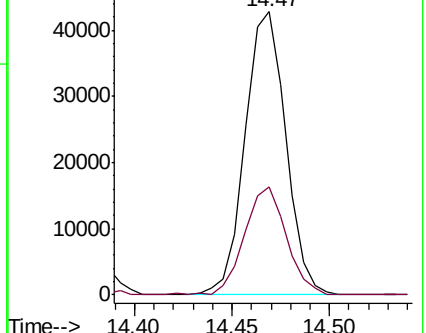
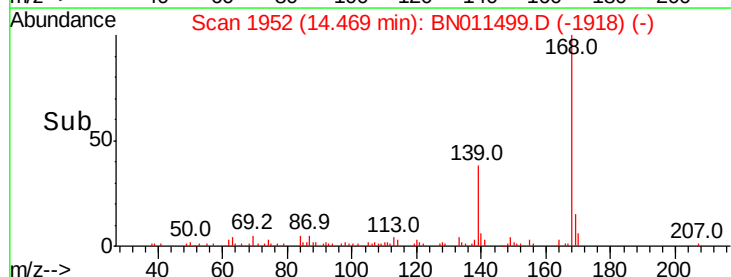
168 100

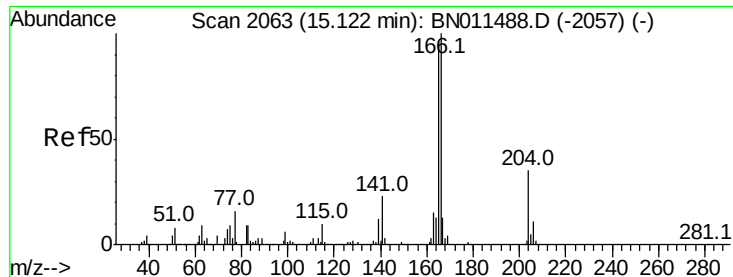
139 38.3 31.1 46.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 24.467 ng/ul

RT: 15.12 min Scan# 2063

Delta R.T. 0.00 min

Lab File: BN011499.D

Acq: 18 Aug 2020 23:54

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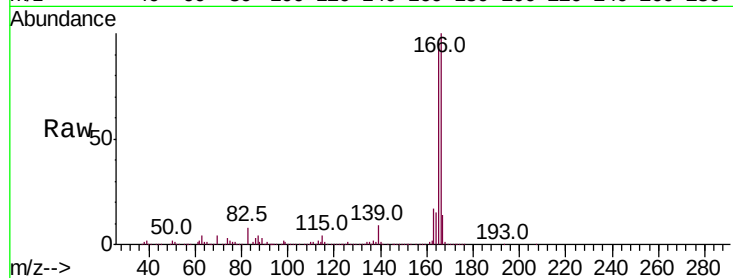
Tot Ion:166 Resp: 744095

Ion Ratio Lower Upper

166 100

165 96.2 78.0 117.0

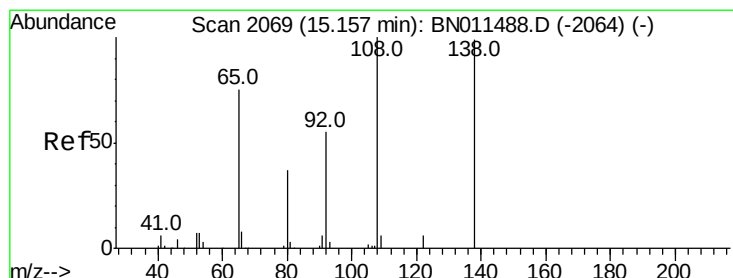
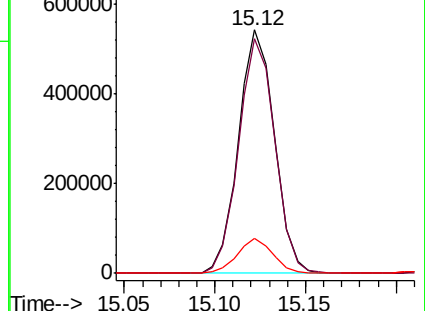
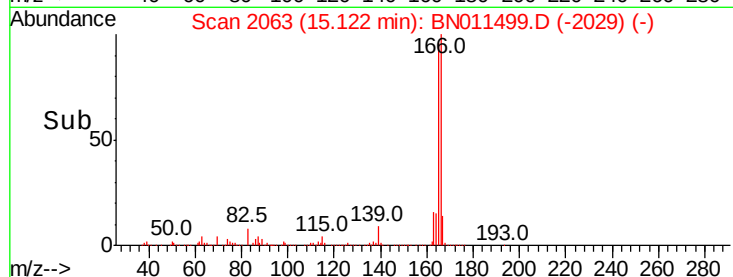
167 14.2 11.9 17.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#61

4-Nitroaniline

Concen: 1.694 ng/ul

RT: 15.12 min Scan# 2063

Delta R.T. -0.04 min

Lab File: BN011499.D

Acq: 18 Aug 2020 23:54

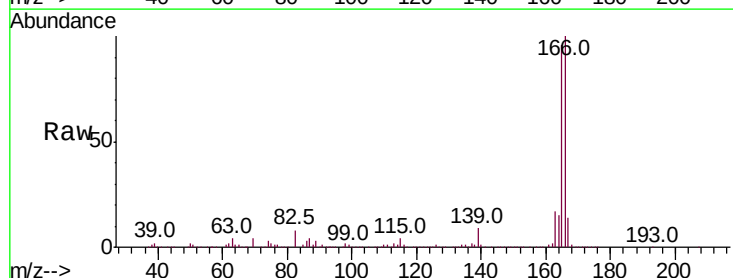
Tgt Ion:138 Resp: 9510

Ion Ratio Lower Upper

138 100

92 17.7 45.2 67.8#

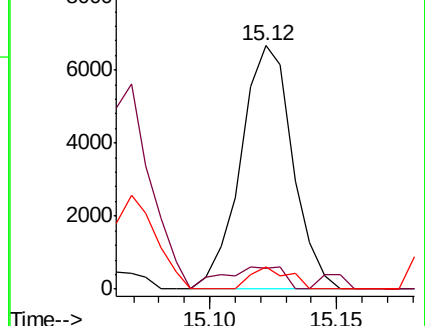
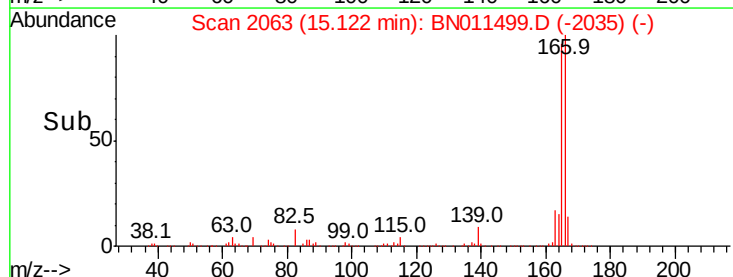
108 9.1 83.5 125.3#

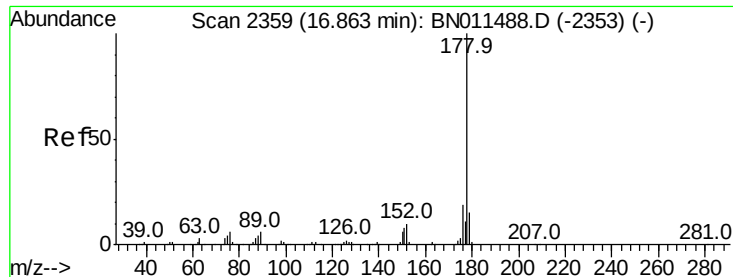


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BNC

Ion 108.00 (107.70 to 108.70): E





#70

Phenanthrene

Concen: 10.256 ng/ul

RT: 16.86 min Scan# 2359

Delta R.T. 0.00 min

Lab File: BN011499.D

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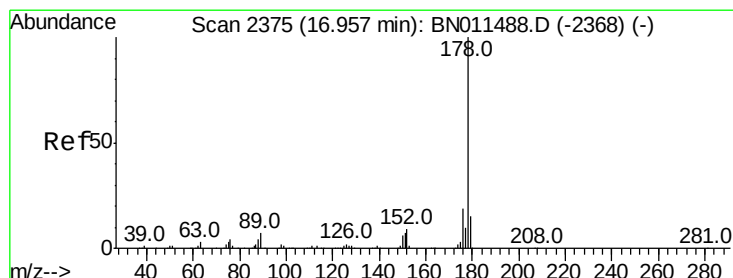
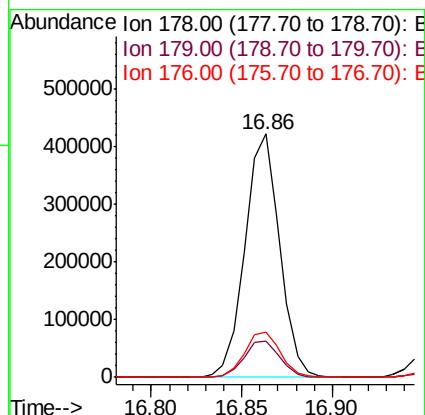
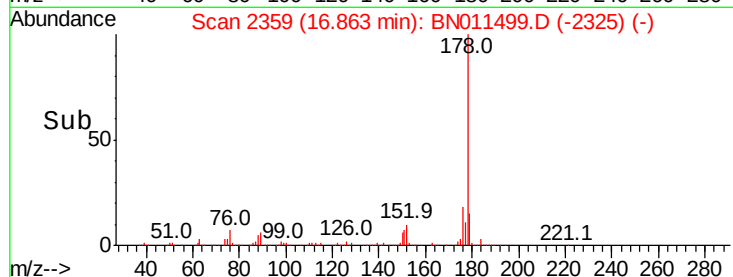
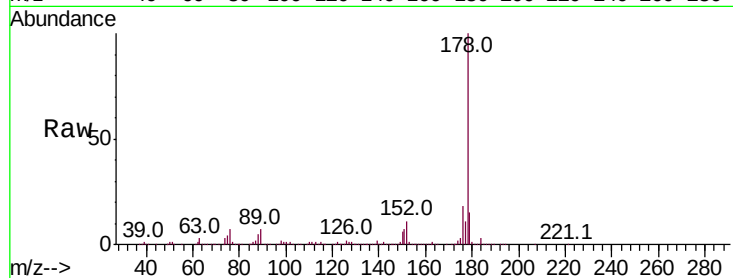
Tot Ion:178 Resp: 557053

Ion Ratio Lower Upper

178 100

179 14.8 13.1 19.7

176 18.4 15.7 23.5



#72

Anthracene

Concen: 10.132 ng/ul

RT: 16.86 min Scan# 2359

Delta R.T. -0.09 min

Lab File: BN011499.D

Acq: 18 Aug 2020 23:54

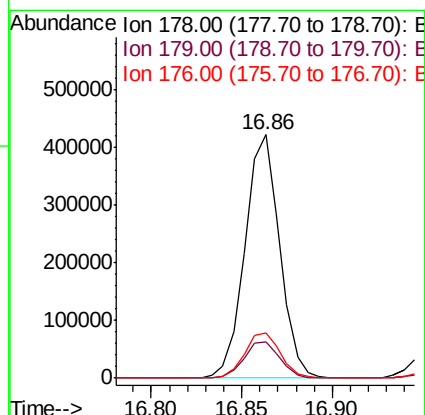
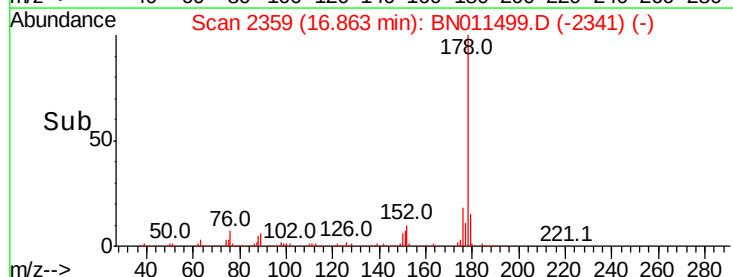
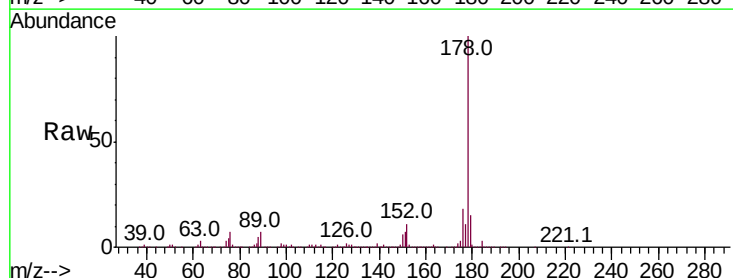
Tgt Ion:178 Resp: 557389

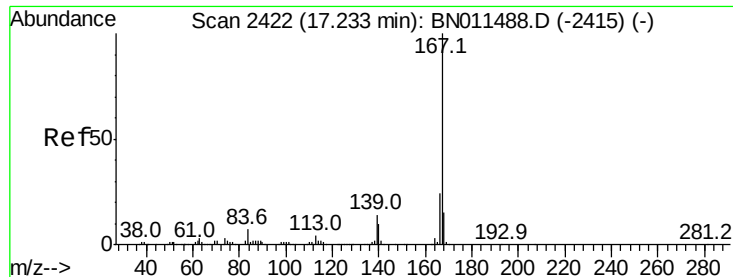
Ion Ratio Lower Upper

178 100

179 14.8 13.0 19.4

176 18.4 14.6 21.8





#75

Carbazole

Concen: 54.031 ng/ul

RT: 17.23 min Scan# 2422

Delta R.T. 0.00 min

Lab File: BN011499.D

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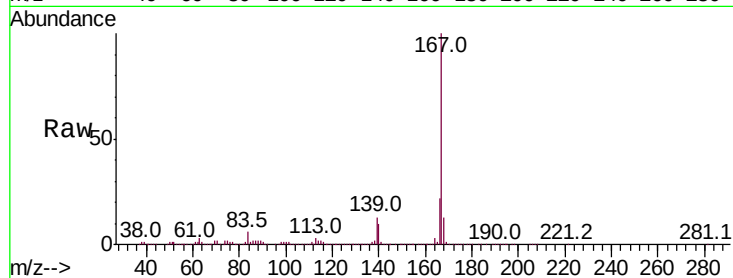
Tot Ion:167 Resp: 2499668

Ion Ratio Lower Upper

167 100

166 21.7 17.2 25.8

139 12.5 10.2 15.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

