

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061620\
 Data File : BN010910.D
 Acq On : 16 Jun 2020 17:05
 Operator : CG/JU
 Sample : L2988-11MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20200608MS

Quant Time: Jun 16 17:38:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 16 08:49:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	2548	0.40	ng	0.00
7) Naphthalene-d8	10.29	136	9316	0.40	ng	-0.01
13) Acenaphthene-d10	14.17	164	5064	0.40	ng	0.00
19) Phenanthrene-d10	16.91	188	10168	0.40	ng	-0.01
27) Chrysene-d12	21.12	240	9821	0.40	ng	-0.01
34) Perylene-d12	23.27	264	10440	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.20	112	709	0.14	ng	0.00
5) Phenol-d6	6.74	99	522	0.09	ng	0.00
8) Nitrobenzene-d5	8.68	82	2469	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	11.89	152	5176	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	577	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.79	172	6938	0.35	ng	0.00
25) Fluoranthene-d10	18.95	212	10533	0.38	ng	0.00
29) Terphenyl-d14	19.56	244	9800	0.43	ng	0.00

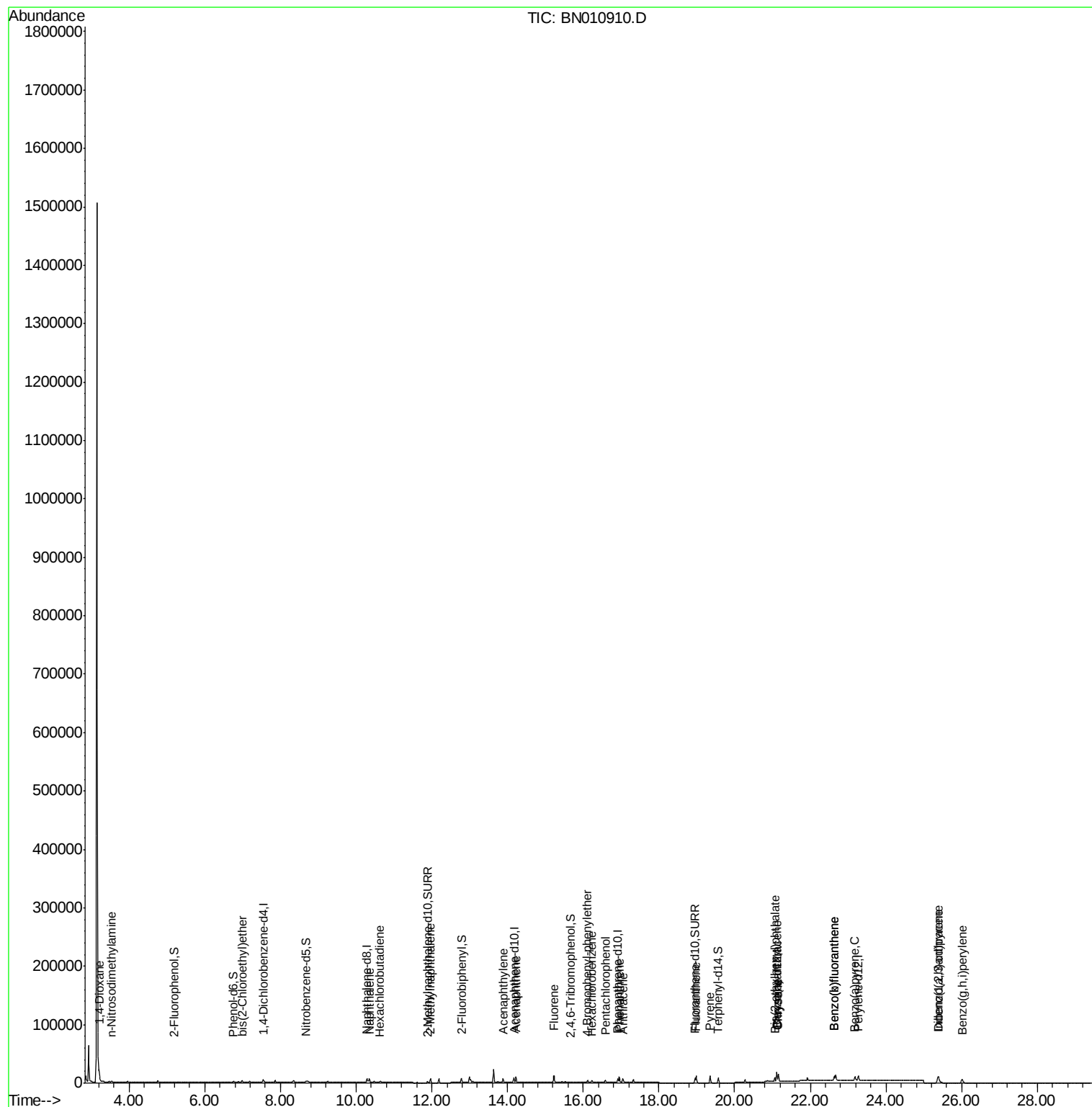
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.22	88	9374	3.756	ng	98
3) n-Nitrosodimethylamine	3.53	42	500	0.345	ng	# 58
6) bis(2-Chloroethyl)ether	6.99	93	2965	0.525	ng	95
9) Naphthalene	10.34	128	8462	0.361	ng	100
10) Hexachlorobutadiene	10.63	225	1801	0.311	ng	# 98
12) 2-Methylnaphthalene	11.96	142	5719	0.365	ng	99
16) Acenaphthylene	13.88	152	7447	0.359	ng	99
17) Acenaphthene	14.22	154	4882	0.345	ng	99
18) Fluorene	15.22	166	6185	0.339	ng	98
20) 4-Bromophenyl-phenylether	16.11	248	1952	0.319	ng	# 80
21) Hexachlorobenzene	16.23	284	2175	0.341	ng	98
22) Pentachlorophenol	16.58	266	2381	1.113	ng	95
23) Phenanthrene	16.95	178	10132	0.365	ng	99
24) Anthracene	17.05	178	8310	0.358	ng	99
26) Fluoranthene	18.98	202	11261	0.357	ng	# 98
28) Pyrene	19.35	202	12365	0.381	ng	99
30) Benzo(a)anthracene	21.11	228	10912	0.378	ng	100
31) Chrysene	21.15	228	11682	0.347	ng	99
32) Bis(2-ethylhexyl)phthalate	21.07	149	5792	0.602	ng	96
33) Indeno(1,2,3-cd)pyrene	25.37	276	14221	0.378	ng	# 94
35) Benzo(b)fluoranthene	22.63	252	11287	0.318	ng	# 97
36) Benzo(k)fluoranthene	22.63	252	11287	0.298	ng	97
37) Benzo(a)pyrene	23.18	252	10030	0.329	ng	96
38) Dibenzo(a,h)anthracene	25.39	278	11678	0.336	ng	98
39) Benzo(g,h,i)perylene	26.01	276	11951	0.329	ng	96

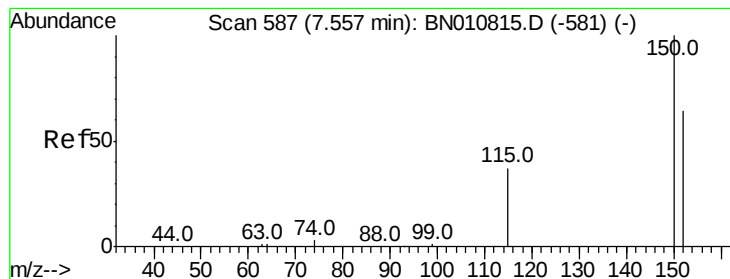
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.54 min Scan# 585

Delta R.T. -0.01 min

Lab File: BN010910.D

Acq: 16 Jun 2020 17:05

Instrument :

BNA_N

ClientSampleId :

RE108D2-20200608MS

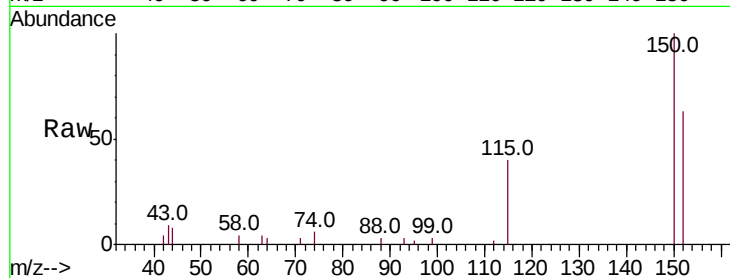
Tot Ion:152 Resp: 2548

Ion Ratio Lower Upper

152 100

150 158.4 123.8 185.6

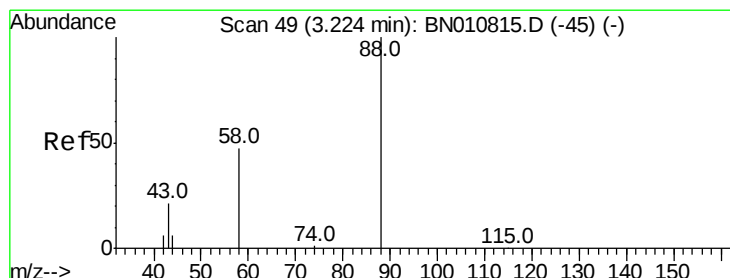
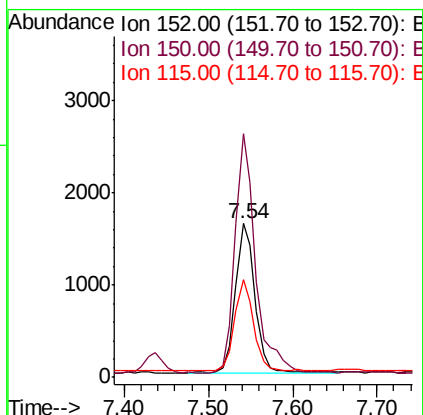
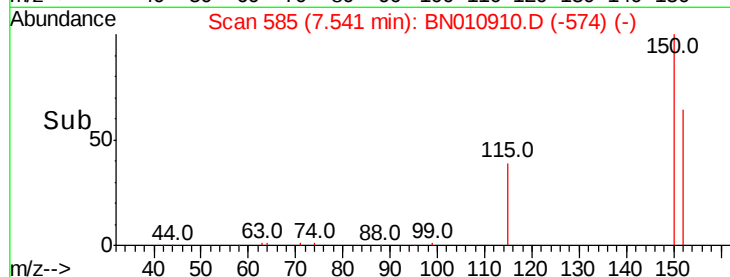
115 63.5 49.2 73.8



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



#2

1,4-Dioxane

Concen: 3.756 ng

RT: 3.22 min Scan# 48

Delta R.T. -0.01 min

Lab File: BN010910.D

Acq: 16 Jun 2020 17:05

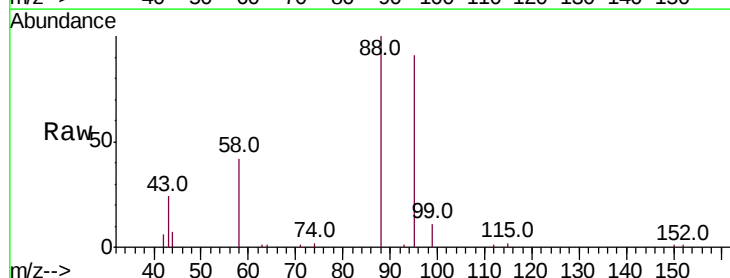
Tgt Ion: 88 Resp: 9374

Ion Ratio Lower Upper

88 100

58 47.1 38.2 57.4

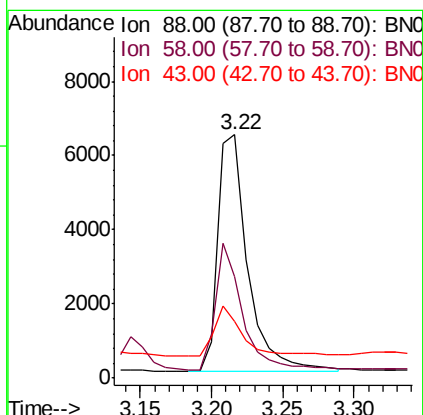
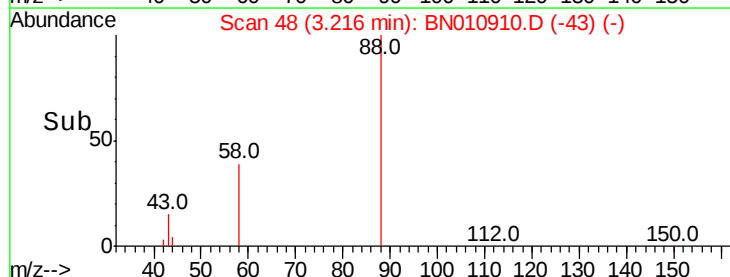
43 20.4 15.1 22.7



Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.345 ng

RT: 3.53 min Scan# 87

Delta R.T. -0.02 min

Lab File: BN010910.D

Acq: 16 Jun 2020 17:05

Instrument :

BNA_N

ClientSampleId :

RE108D2-20200608MS

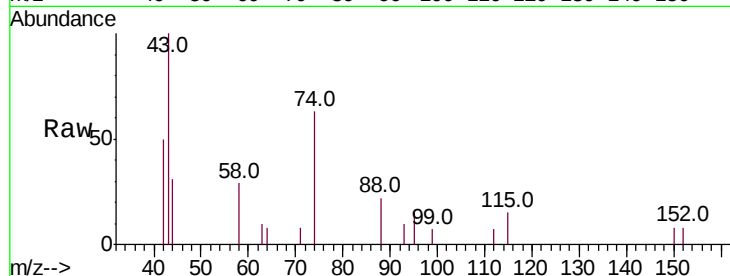
Tot Ion: 42 Resp: 500

Ion Ratio Lower Upper

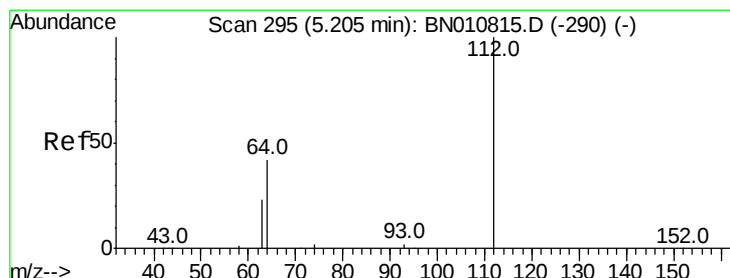
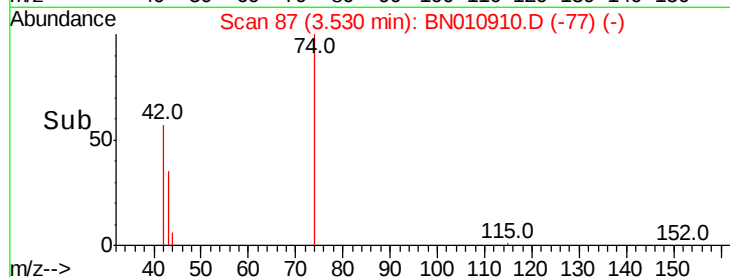
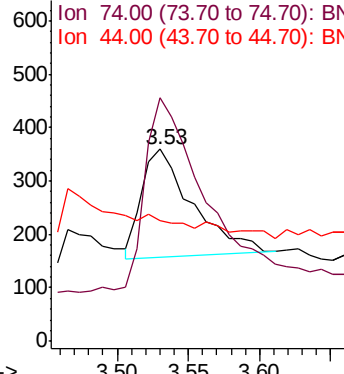
42 100

74 235.6 140.7 211.1#

44 0.0 1.4 2.2#



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.144 ng

RT: 5.20 min Scan# 294

Delta R.T. 0.00 min

Lab File: BN010910.D

Acq: 16 Jun 2020 17:05

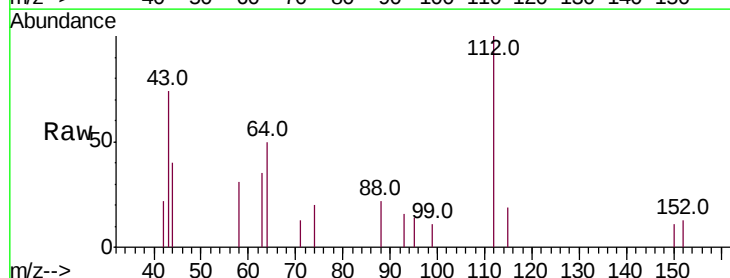
Tgt Ion: 112 Resp: 709

Ion Ratio Lower Upper

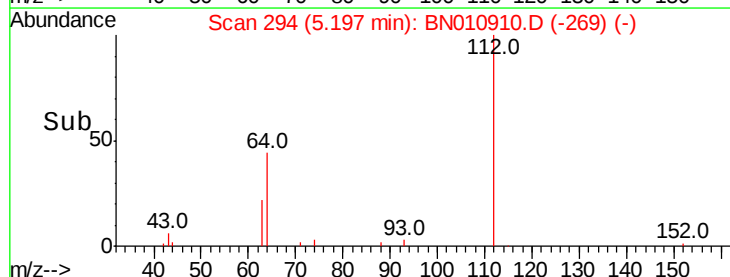
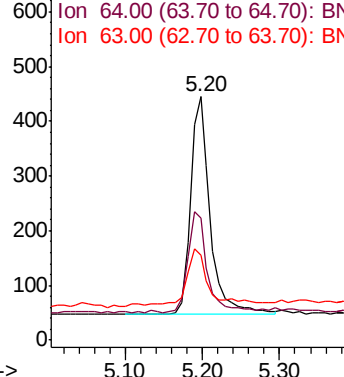
112 100

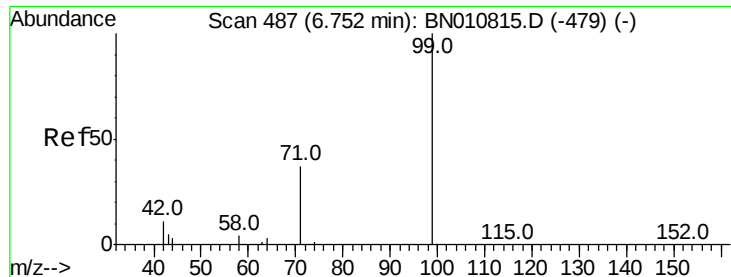
64 45.6 37.4 56.0

63 27.2 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.090 ng

RT: 6.74 min Scan# 485

Delta R.T. -0.01 min

Lab File: BN010910.D

Acq: 16 Jun 2020 17:05

Instrument :

BNA_N

ClientSampleId :

RE108D2-20200608MS

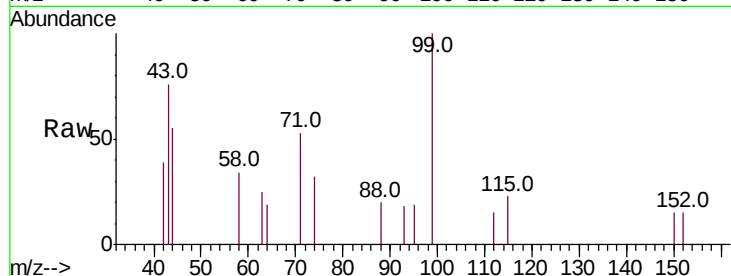
Tot Ion: 99 Resp: 522

Ion Ratio Lower Upper

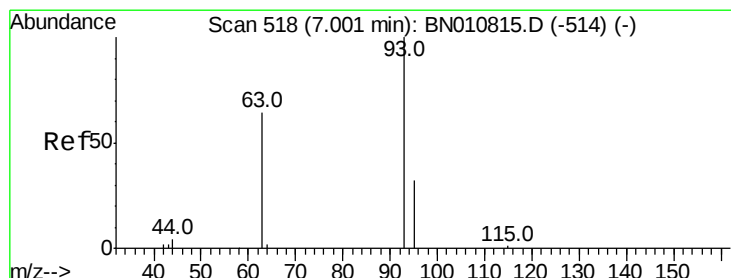
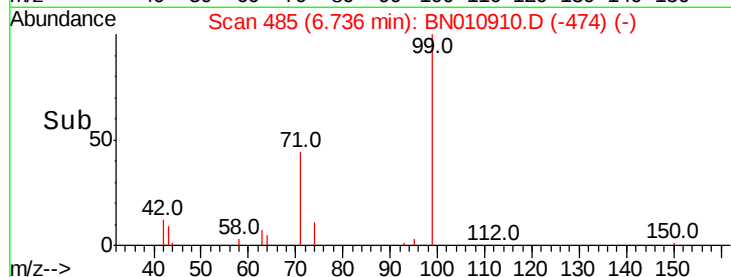
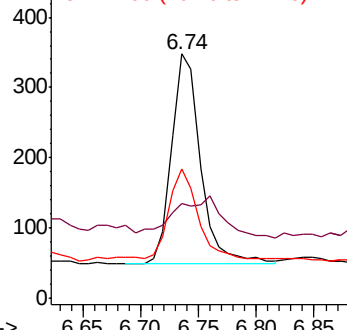
99 100

42 0.0 11.1 16.7#

71 48.1 31.4 47.2#



Abundance Ion 99.00 (98.70 to 99.70): BN010815.D (-479) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.525 ng

RT: 6.99 min Scan# 516

Delta R.T. -0.01 min

Lab File: BN010910.D

Acq: 16 Jun 2020 17:05

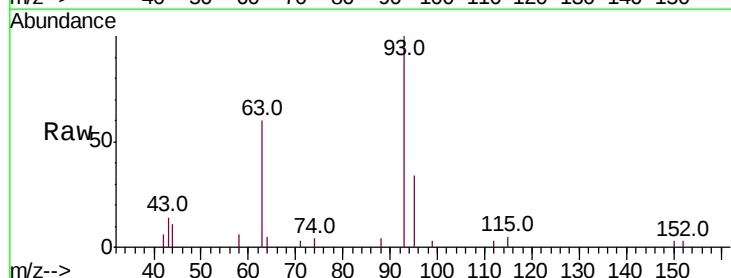
Tgt Ion: 93 Resp: 2965

Ion Ratio Lower Upper

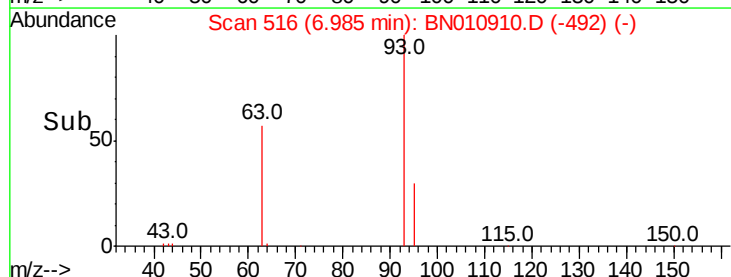
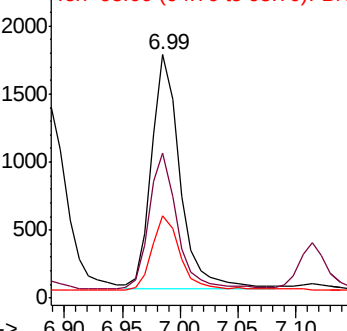
93 100

63 56.6 49.4 74.2

95 32.6 26.7 40.1



Abundance Ion 93.00 (92.70 to 93.70): BN010815.D (-514) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.29 min Scan# 837

Delta R.T. -0.01 min

Lab File: BN010910.D

Acq: 16 Jun 2020 17:05

Instrument :

BNA_N

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RE108D2-20200608MS

Tot Ion:136 Resp: 9316

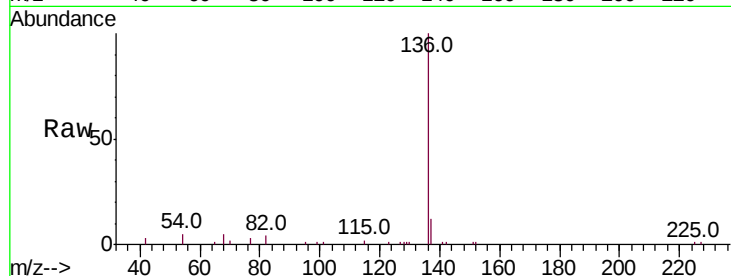
Ion Ratio Lower Upper

136 100

137 11.6 9.7 14.5

54 4.7 4.9 7.3#

68 5.4 4.7 7.1

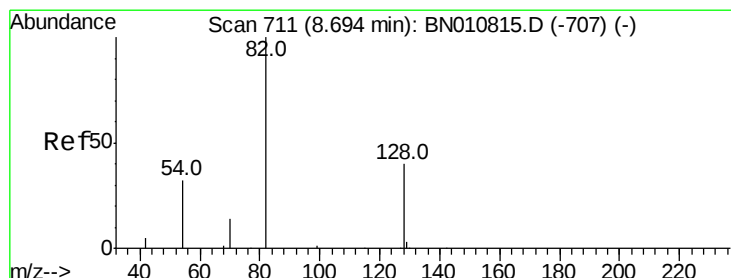
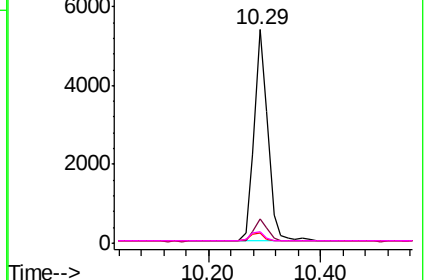
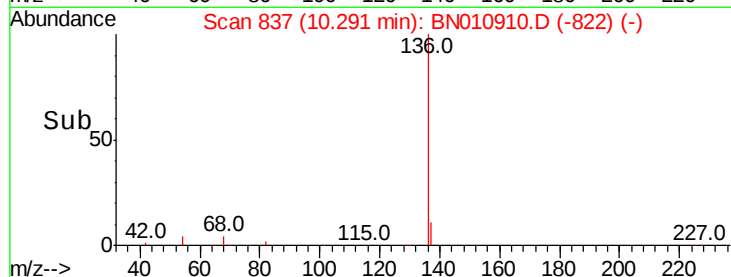


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.358 ng

RT: 8.68 min Scan# 710

Delta R.T. 0.00 min

Lab File: BN010910.D

Acq: 16 Jun 2020 17:05

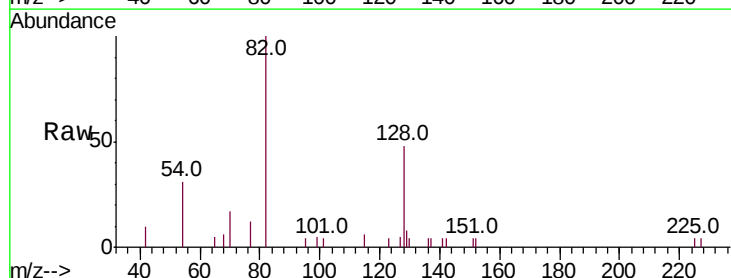
Tgt Ion: 82 Resp: 2469

Ion Ratio Lower Upper

82 100

128 47.7 35.4 53.0

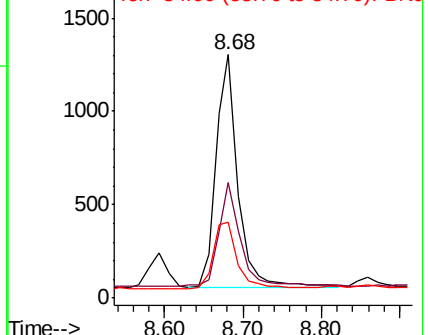
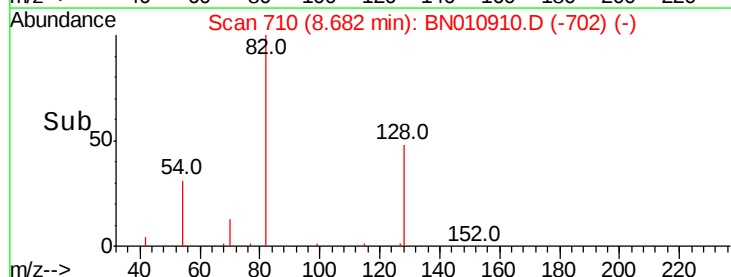
54 31.4 28.2 42.4



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.361 ng

RT: 10.34 min Scan# 841

Delta R.T. 0.00 min

Lab File: BN010910.D

Acq: 16 Jun 2020 17:05

Instrument :

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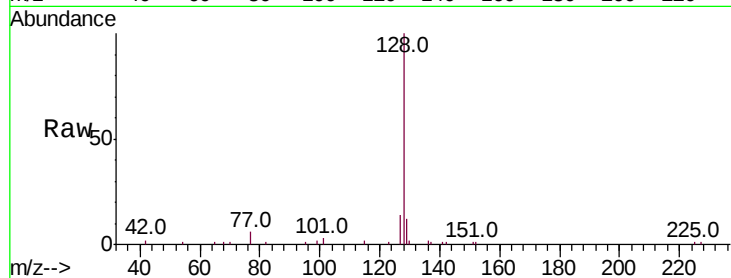
Tot Ion:128 Resp: 8462

Ion Ratio Lower Upper

128 100

129 11.9 9.6 14.4

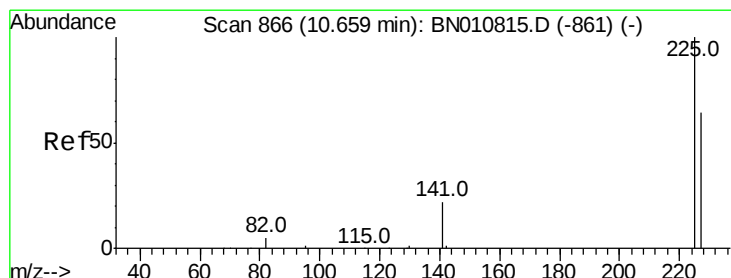
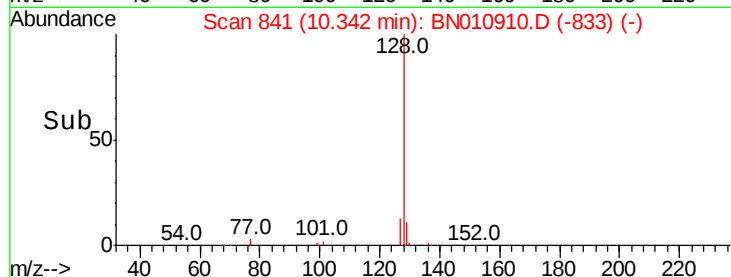
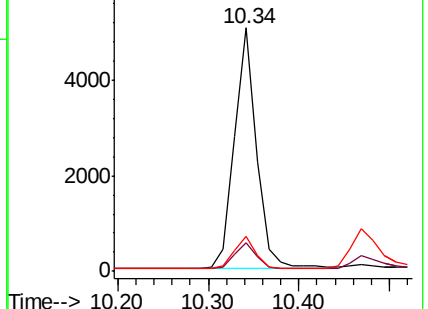
127 14.1 11.4 17.2



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



#10

Hexachlorobutadiene

Concen: 0.311 ng

RT: 10.63 min Scan# 864

Delta R.T. -0.01 min

Lab File: BN010910.D

Acq: 16 Jun 2020 17:05

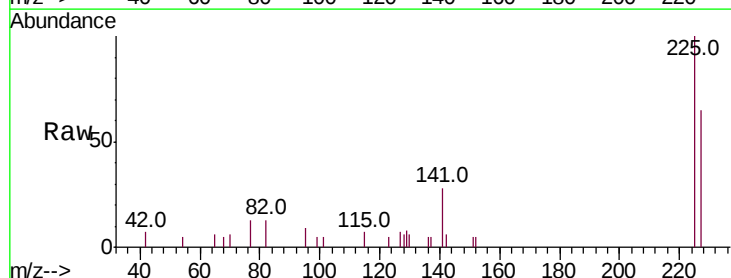
Tgt Ion:225 Resp: 1801

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

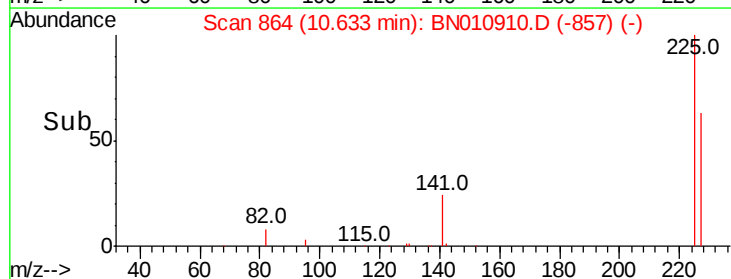
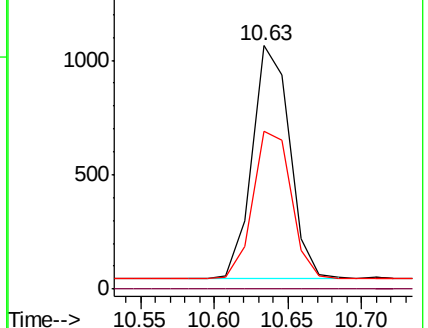
227 64.9 50.5 75.7

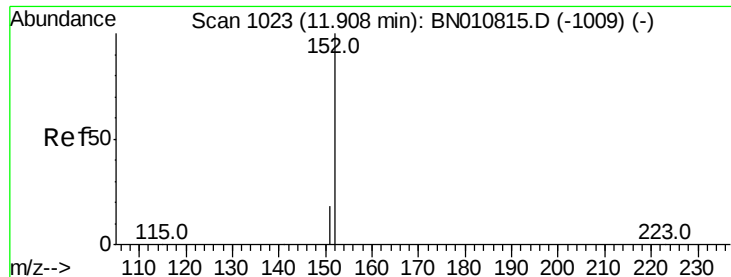


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

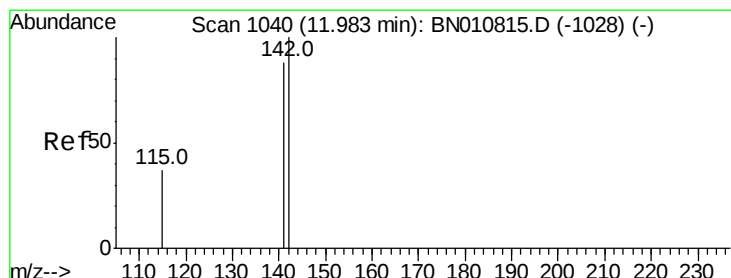
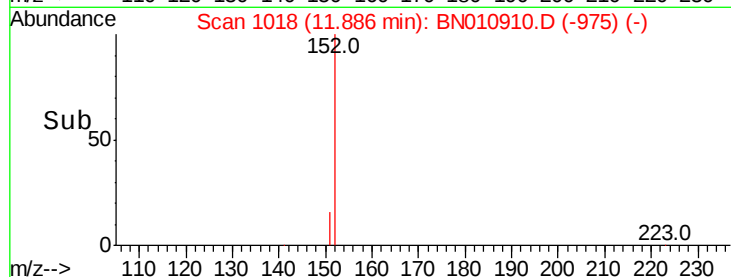
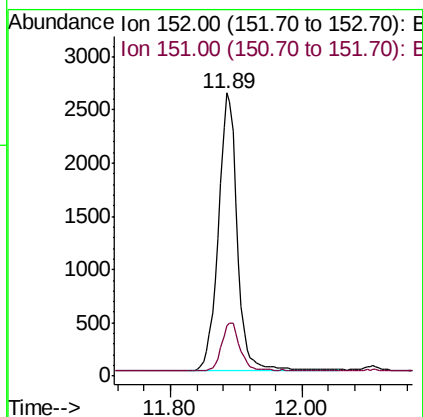
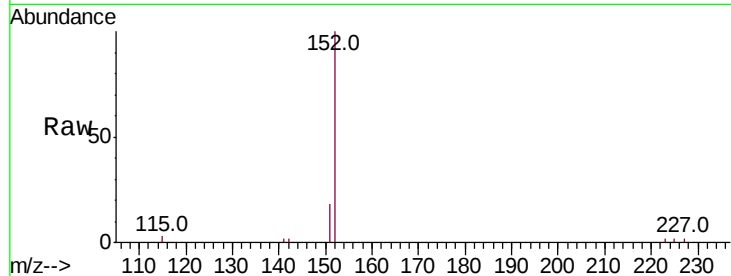




#11
 2-Methylnaphthalene-d10
 Concen: 0.358 ng
 RT: 11.89 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BN010910.D
 Acq: 16 Jun 2020 17:05

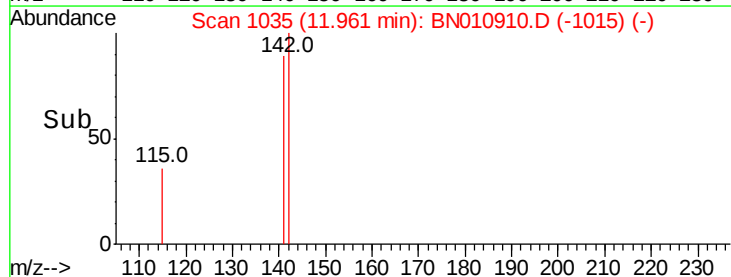
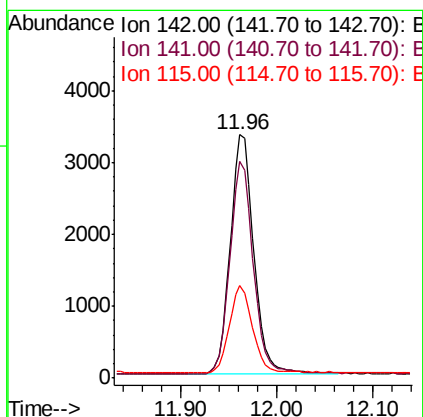
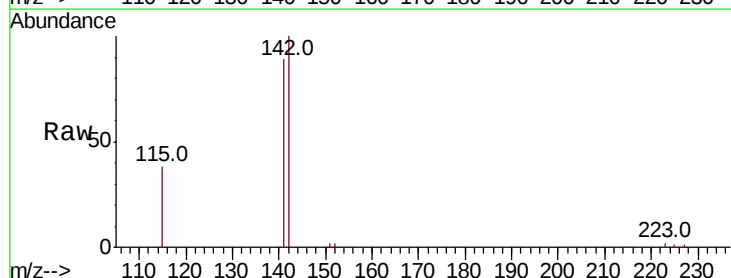
Instrument :
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 RE108D2-20200608MS

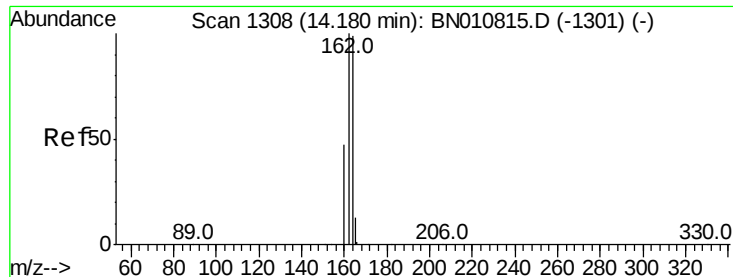
Tot Ion:152 Resp: 5176
 Ion Ratio Lower Upper
 152 100
 151 16.3 15.3 22.9



#12
 2-Methylnaphthalene
 Concen: 0.365 ng
 RT: 11.96 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BN010910.D
 Acq: 16 Jun 2020 17:05

Tgt Ion:142 Resp: 5719
 Ion Ratio Lower Upper
 142 100
 141 89.0 70.8 106.2
 115 38.1 31.5 47.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.17 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BN010910.D

Acq: 16 Jun 2020 17:05

Instrument :

BNA_N

ClientSampleId :

RE108D2-20200608MS

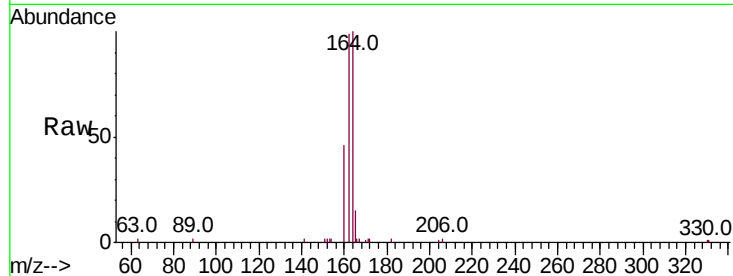
Tot Ion:164 Resp: 5064

Ion Ratio Lower Upper

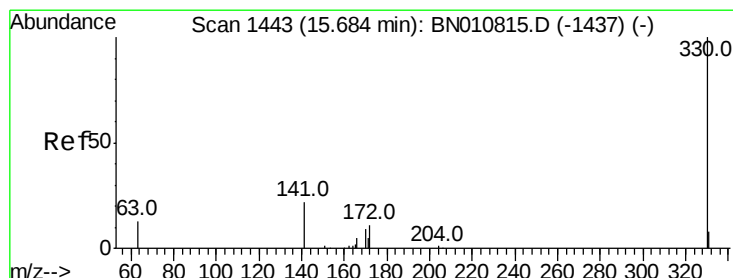
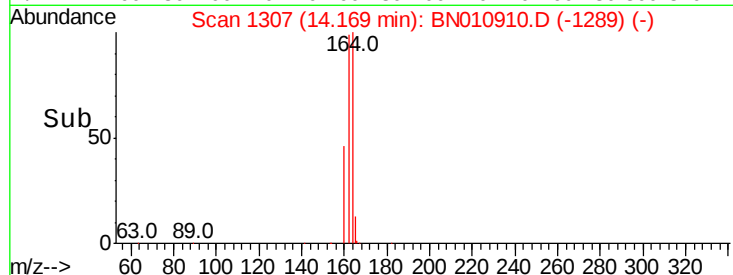
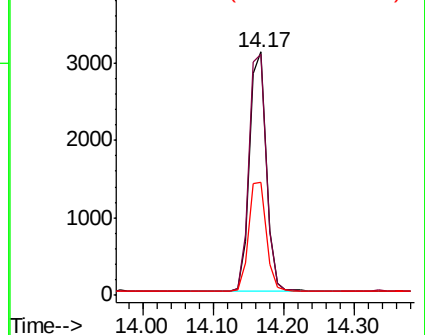
164 100

162 99.0 81.0 121.6

160 46.3 38.9 58.3



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: 0.319 ng

RT: 15.67 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BN010910.D

Acq: 16 Jun 2020 17:05

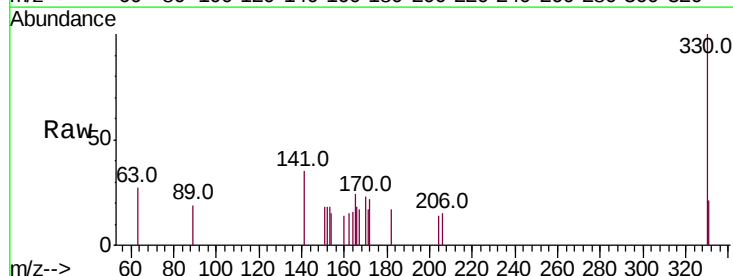
Tgt Ion:330 Resp: 577

Ion Ratio Lower Upper

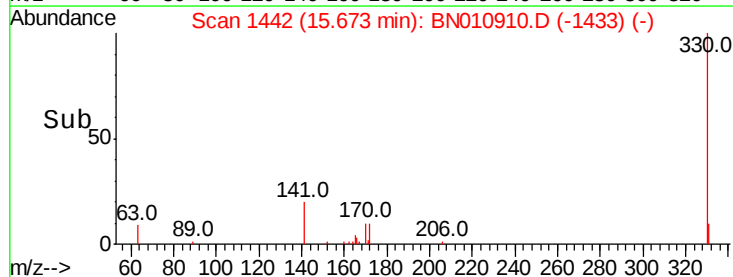
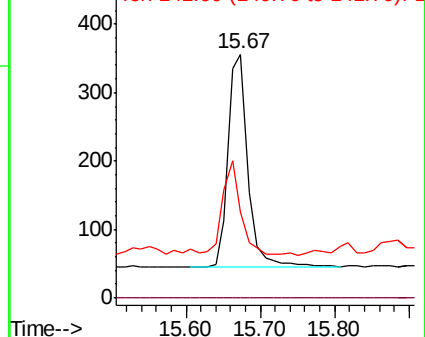
330 100

332 0.0 0.0 0.0

141 39.7 33.2 49.8



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

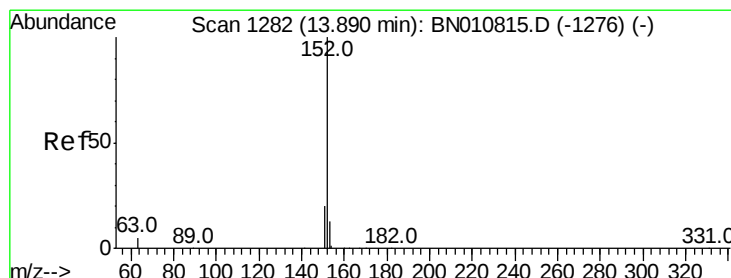
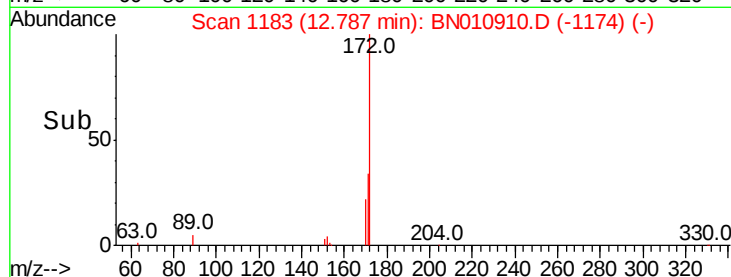
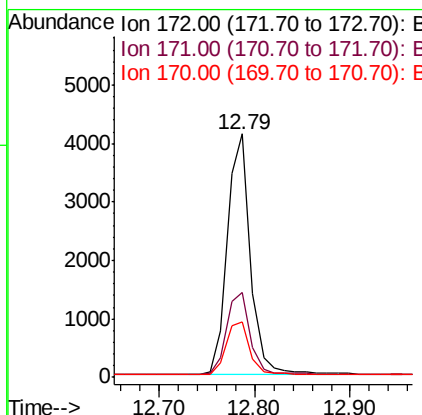
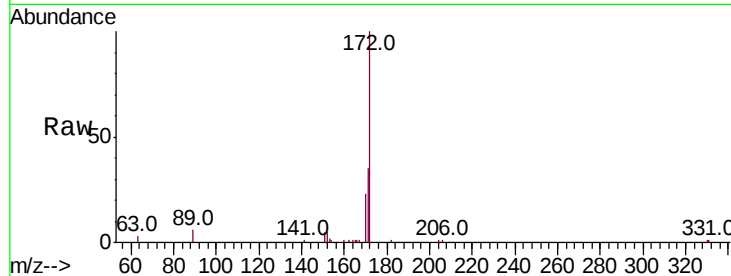




#15
2-Fluorobiphenyl
Concen: 0.347 ng
RT: 12.79 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BN010910.D
Acq: 16 Jun 2020 17:05

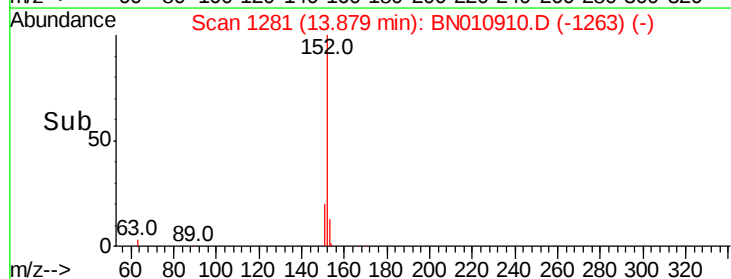
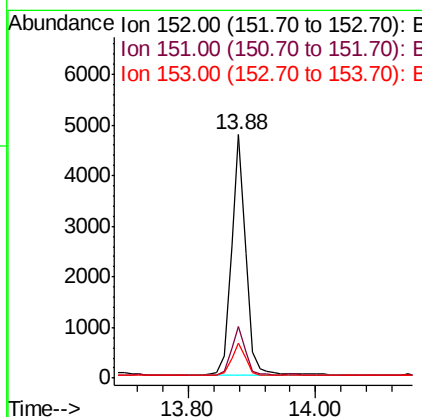
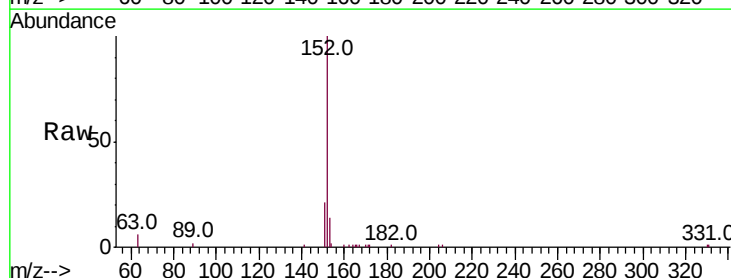
Instrument :
BNA_N
ClientSampleId :
RE108D2-20200608MS

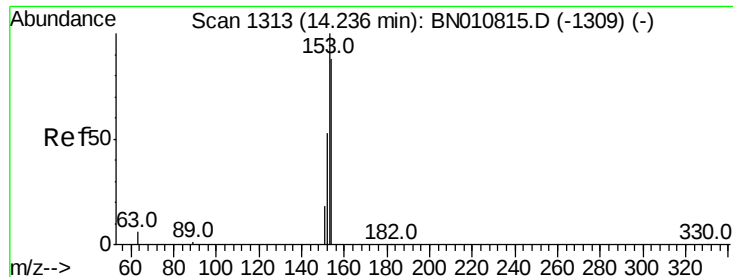
Tot Ion:172 Resp: 6938
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 22.6 19.7 29.5



#16
Acenaphthylene
Concen: 0.359 ng
RT: 13.88 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BN010910.D
Acq: 16 Jun 2020 17:05

Tgt Ion:152 Resp: 7447
Ion Ratio Lower Upper
152 100
151 20.2 15.6 23.4
153 13.6 10.6 16.0





#17

Acenaphthene

Concen: 0.345 ng

RT: 14.22 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BN010910.D

Acq: 16 Jun 2020 17:05

Instrument :

BNA_N

ClientSampleId :

RE108D2-20200608MS

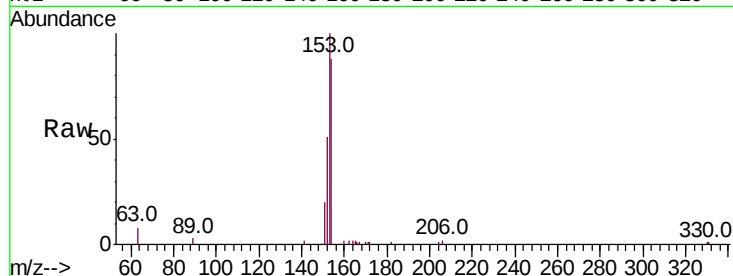
Tot Ion:154 Resp: 4882

Ion Ratio Lower Upper

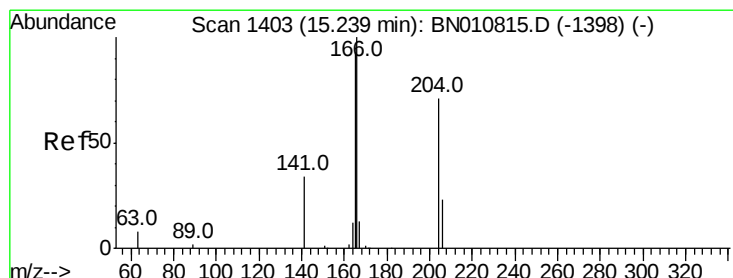
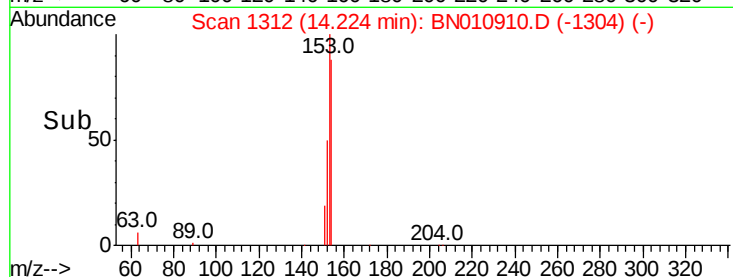
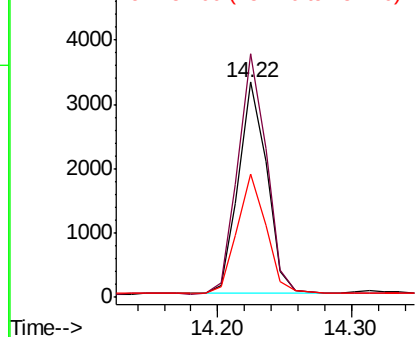
154 100

153 114.9 91.8 137.6

152 57.7 47.6 71.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.339 ng

RT: 15.22 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BN010910.D

Acq: 16 Jun 2020 17:05

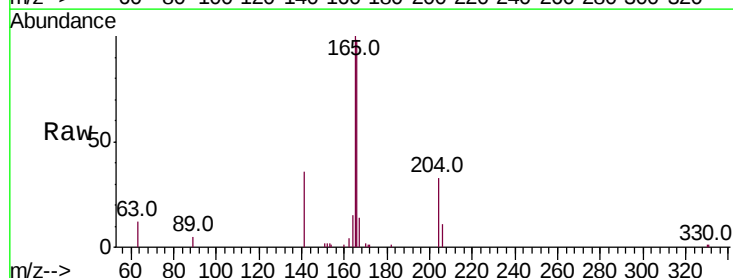
Tgt Ion:166 Resp: 6185

Ion Ratio Lower Upper

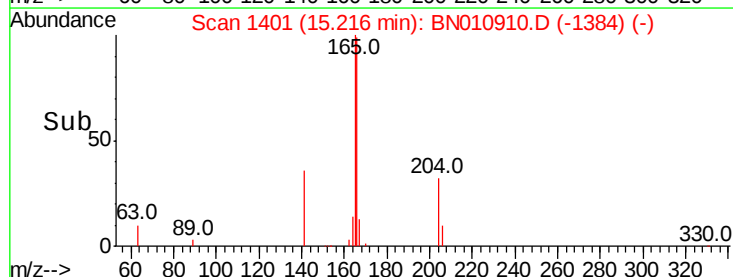
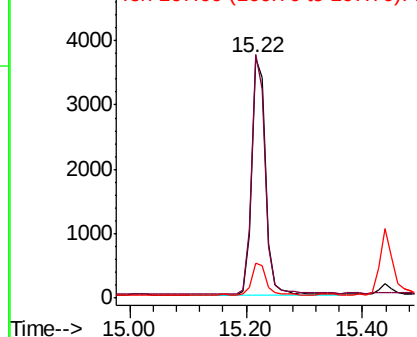
166 100

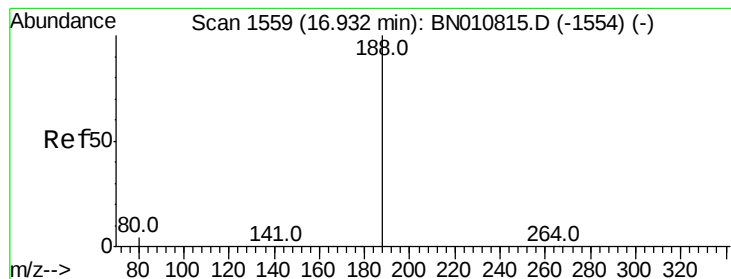
165 99.0 77.2 115.8

167 13.5 10.7 16.1



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





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.91 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BN010910.D

Acq: 16 Jun 2020 17:05

Instrument :

BNA_N

ClientSampleId :

RE108D2-20200608MS

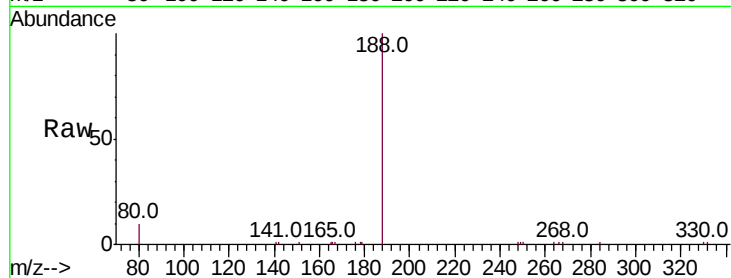
Tot Ion:188 Resp: 10168

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

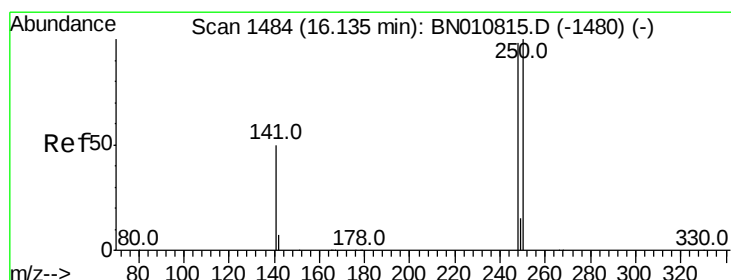
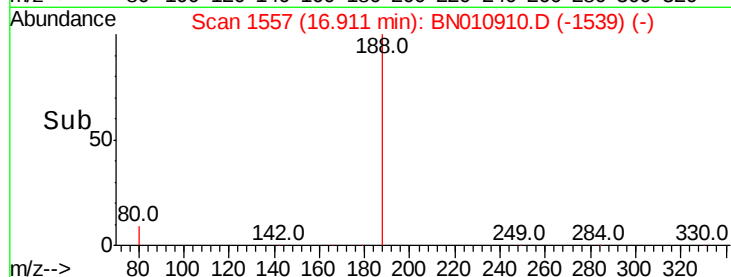
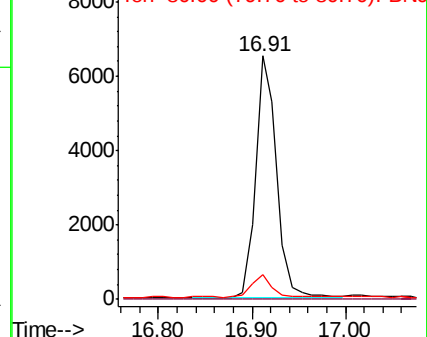
80 10.0 4.5 6.7#



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



#20

4-Bromophenyl-phenylether

Concen: 0.319 ng

RT: 16.11 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BN010910.D

Acq: 16 Jun 2020 17:05

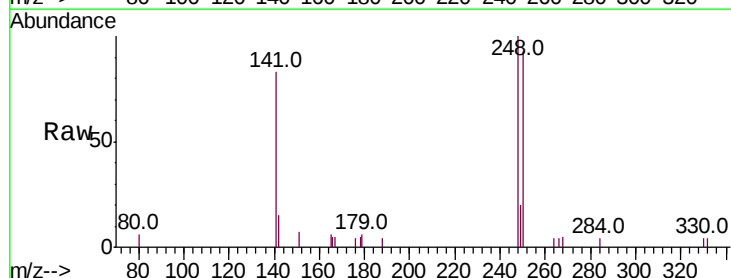
Tgt Ion:248 Resp: 1952

Ion Ratio Lower Upper

248 100

250 93.2 81.8 122.8

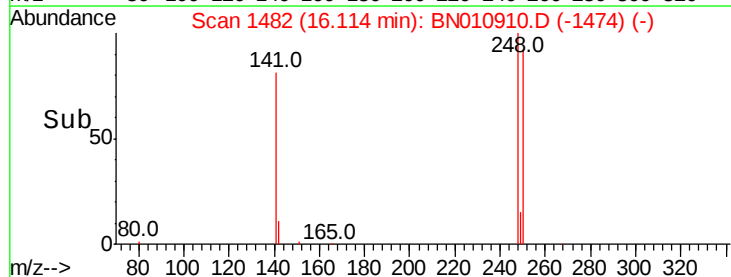
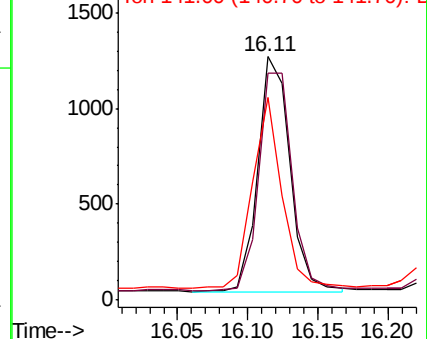
141 83.3 42.6 64.0#

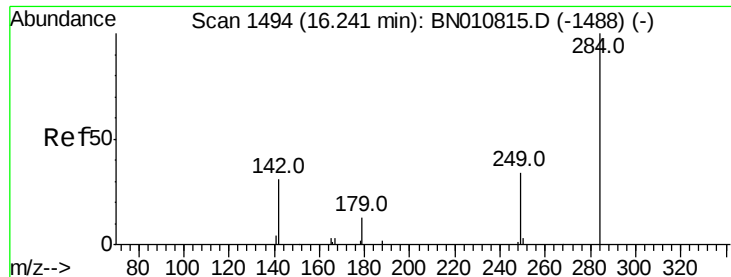


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

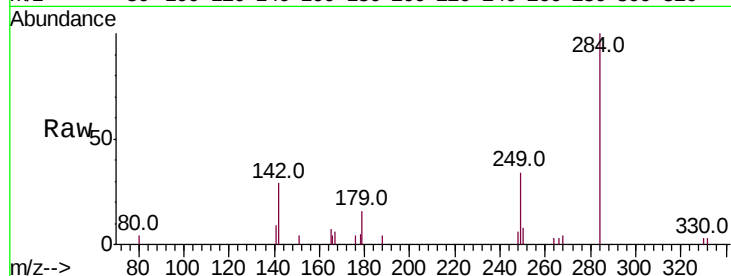




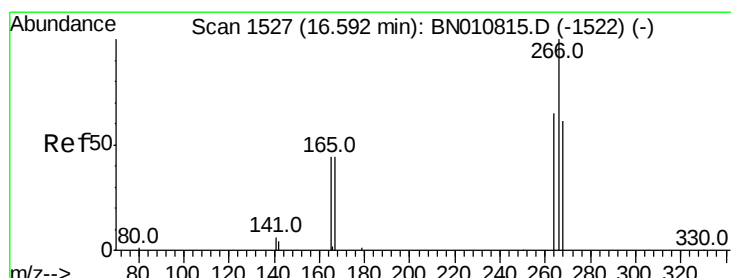
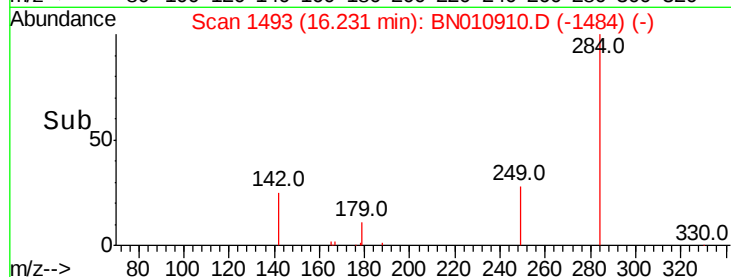
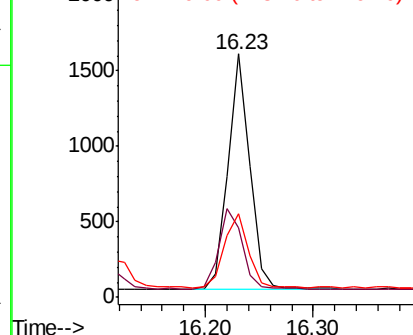
#21
Hexachlorobenzene
Concen: 0.341 ng
RT: 16.23 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BN010910.D
Acq: 16 Jun 2020 17:05

Instrument :
BNA_N
ClientSampleId :
RE108D2-20200608MS

Tot Ion:284 Resp: 2175
Ion Ratio Lower Upper
284 100
142 36.8 31.0 46.4
249 34.3 27.1 40.7

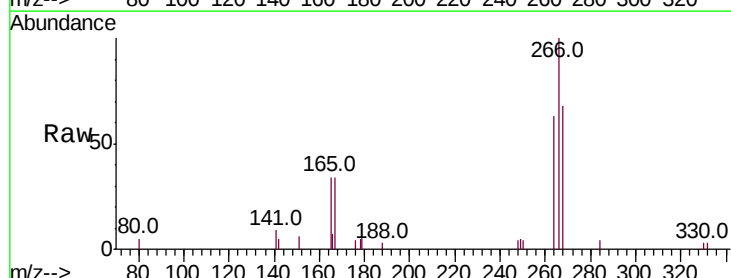


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

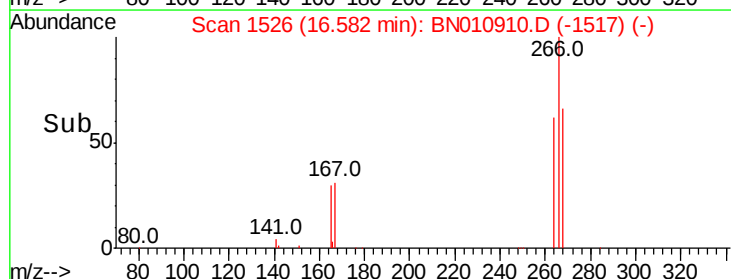
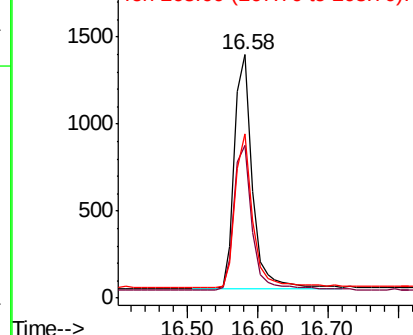


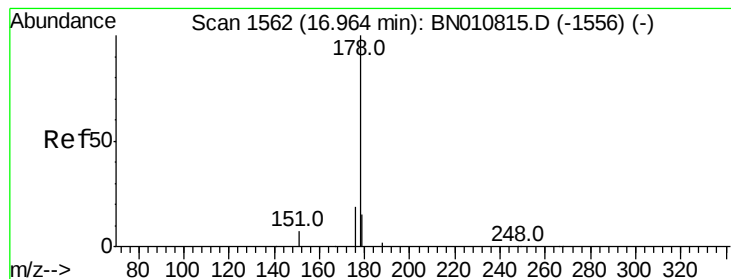
#22
Pentachlorophenol
Concen: 1.113 ng
RT: 16.58 min Scan# 1526
Delta R.T. 0.00 min
Lab File: BN010910.D
Acq: 16 Jun 2020 17:05

Tgt Ion:266 Resp: 2381
Ion Ratio Lower Upper
266 100
264 62.8 54.8 82.2
268 67.5 55.9 83.9



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.365 ng

RT: 16.95 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BN010910.D

Acq: 16 Jun 2020 17:05

Instrument :

BNA_N

ClientSampleId :

RE108D2-20200608MS

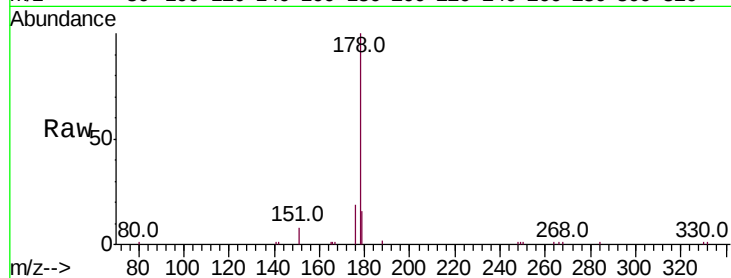
Tot Ion:178 Resp: 10132

Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

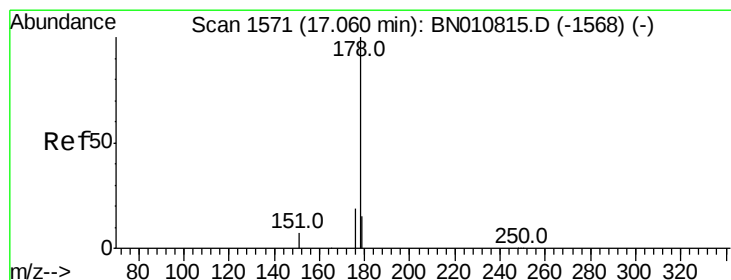
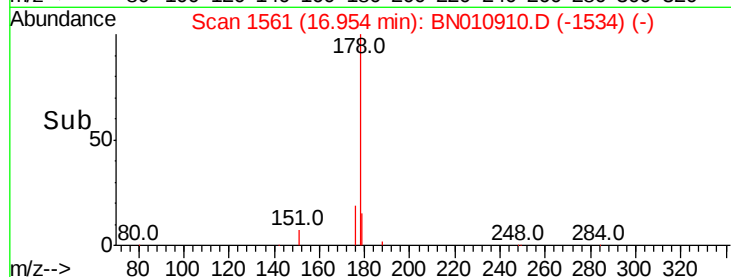
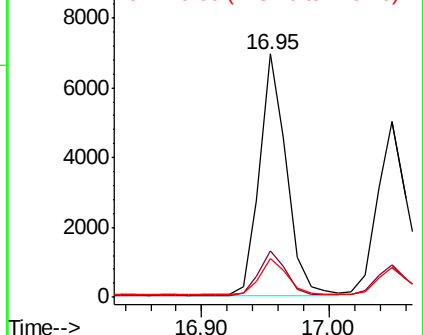
179 15.5 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.358 ng

RT: 17.05 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BN010910.D

Acq: 16 Jun 2020 17:05

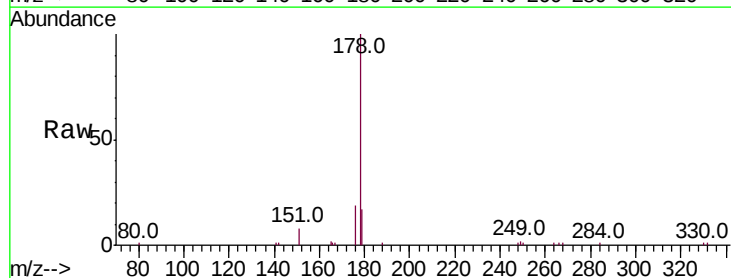
Tgt Ion:178 Resp: 8310

Ion Ratio Lower Upper

178 100

176 17.8 14.6 22.0

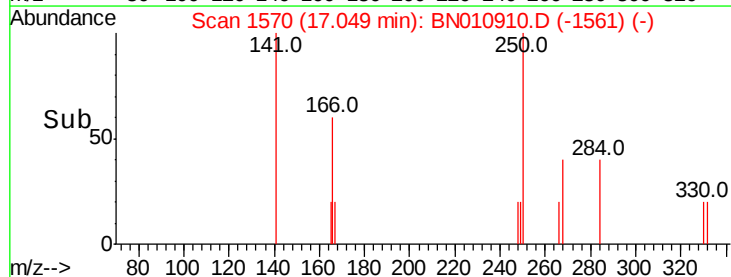
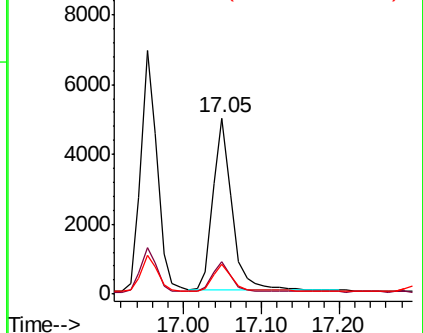
179 15.4 12.3 18.5

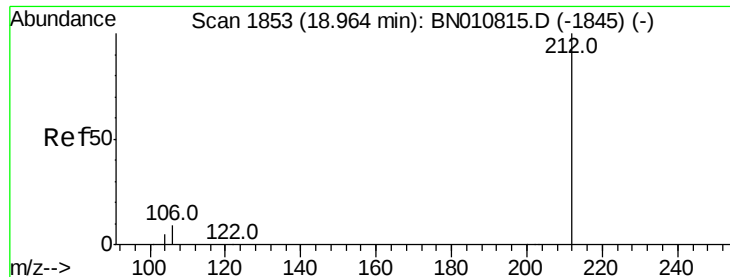


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.375 ng

RT: 18.95 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BN010910.D

Acq: 16 Jun 2020 17:05

Instrument :

BNA_N

ClientSampleId :

RE108D2-20200608MS

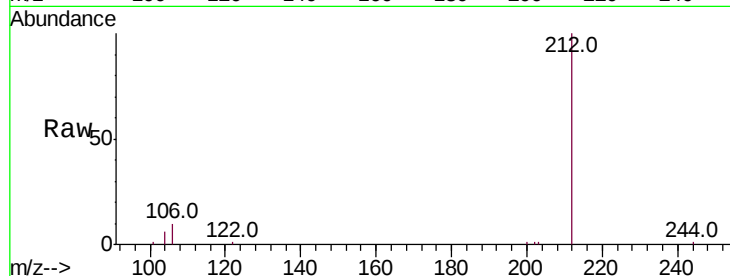
Tot Ion:212 Resp: 10533

Ion Ratio Lower Upper

212 100

106 9.9 6.6 10.0

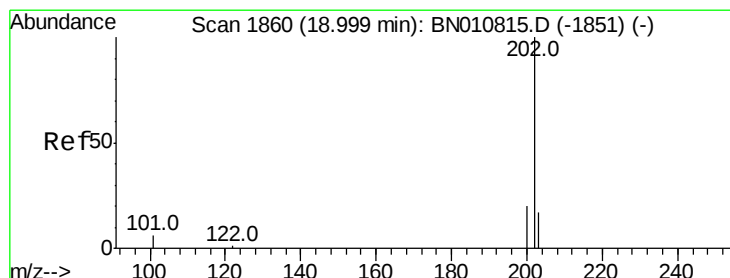
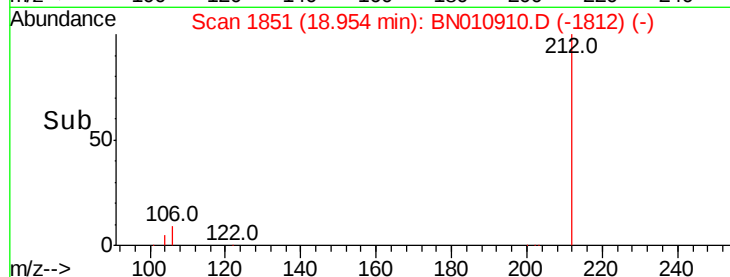
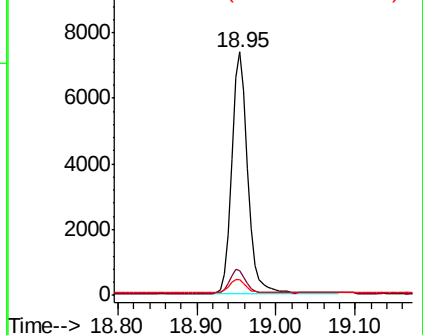
104 5.7 4.0 6.0



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



#26

Fluoranthene

Concen: 0.357 ng

RT: 18.98 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BN010910.D

Acq: 16 Jun 2020 17:05

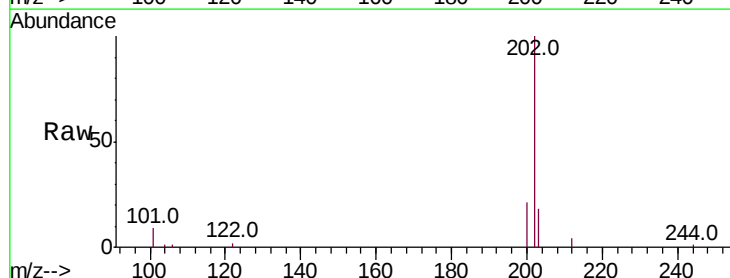
Tgt Ion:202 Resp: 11261

Ion Ratio Lower Upper

202 100

101 8.8 5.8 8.6#

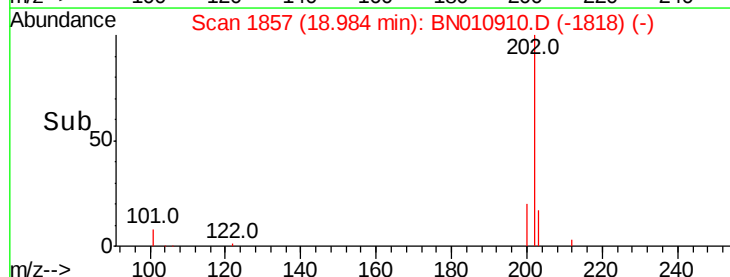
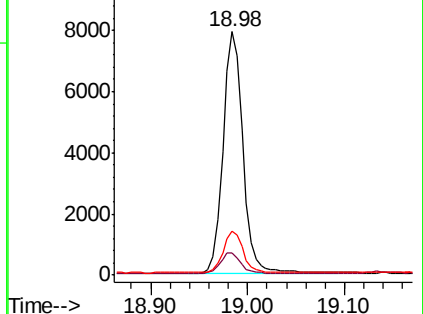
203 16.9 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.12 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BN010910.D

Acq: 16 Jun 2020 17:05

Instrument :

BNA_N

ClientSampleId :

RE108D2-20200608MS

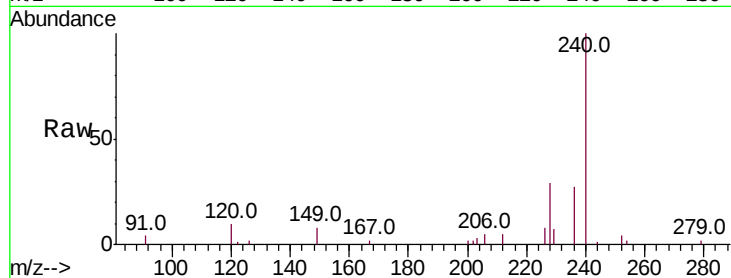
Tot Ion:240 Resp: 9821

Ion Ratio Lower Upper

240 100

120 9.6 7.5 11.3

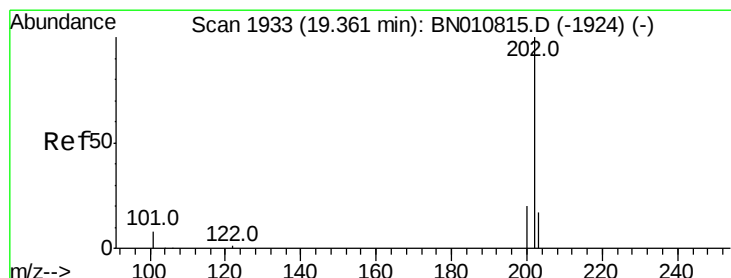
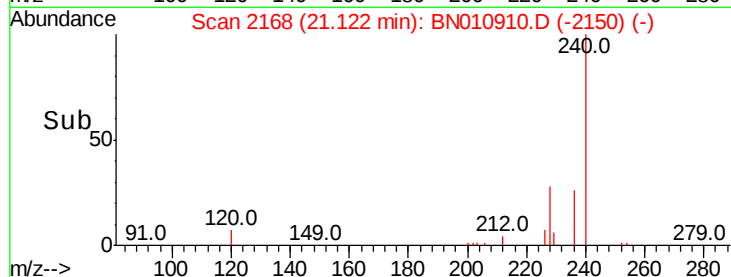
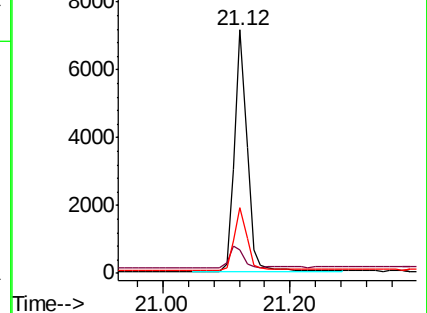
236 27.0 22.3 33.5



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



#28

Pyrene

Concen: 0.381 ng

RT: 19.35 min Scan# 1931

Delta R.T. 0.00 min

Lab File: BN010910.D

Acq: 16 Jun 2020 17:05

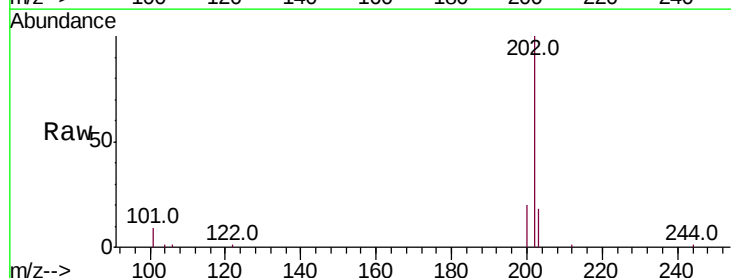
Tgt Ion:202 Resp: 12365

Ion Ratio Lower Upper

202 100

200 20.3 16.4 24.6

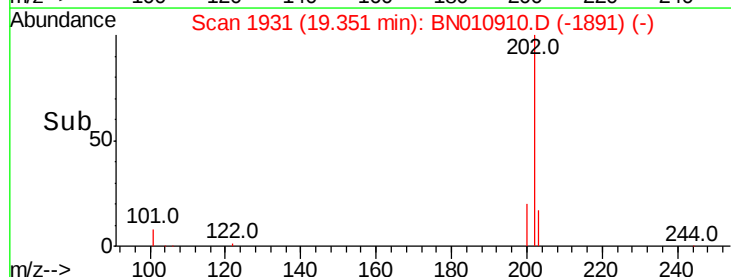
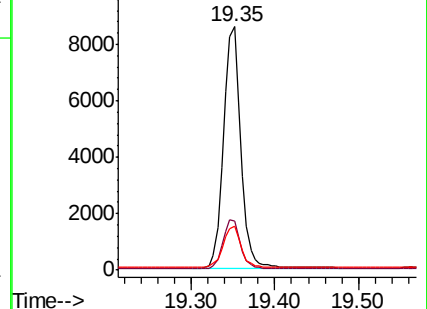
203 18.2 14.2 21.4

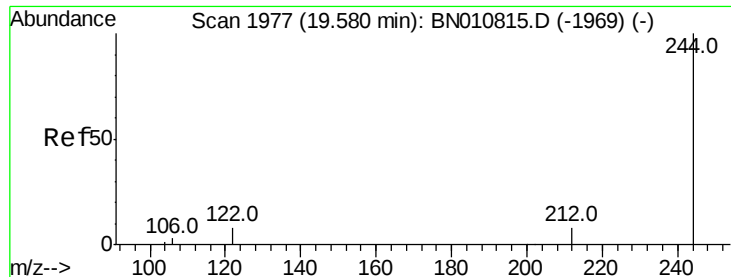


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.426 ng

RT: 19.56 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BN010910.D

Acq: 16 Jun 2020 17:05

Instrument :

BNA_N

ClientSampleId :

RE108D2-20200608MS

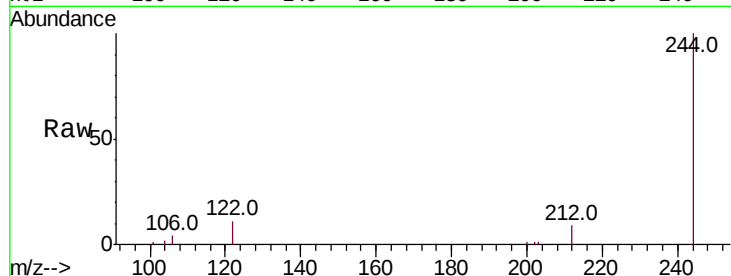
Tot Ion:244 Resp: 9800

Ion Ratio Lower Upper

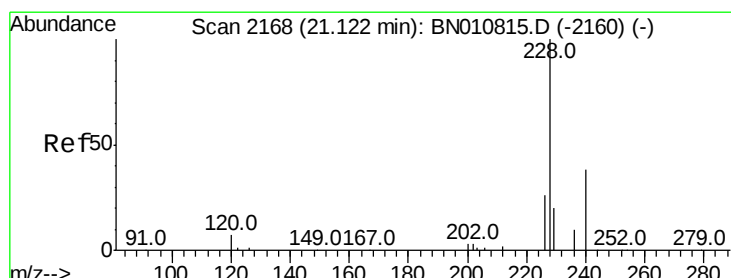
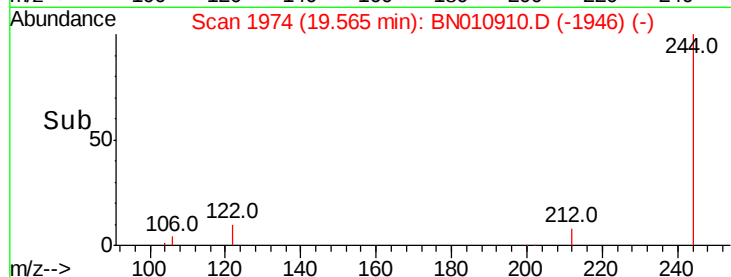
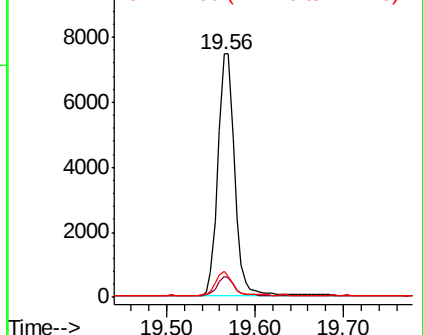
244 100

212 8.5 7.4 11.2

122 10.7 7.5 11.3



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



#30

Benzo(a)anthracene

Concen: 0.378 ng

RT: 21.11 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BN010910.D

Acq: 16 Jun 2020 17:05

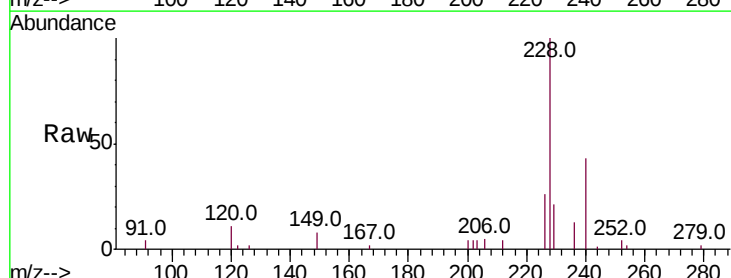
Tgt Ion:228 Resp: 10912

Ion Ratio Lower Upper

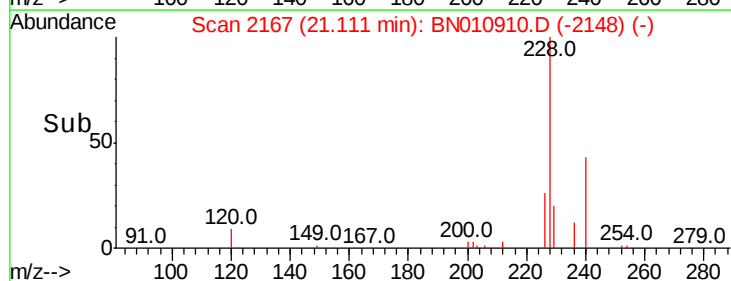
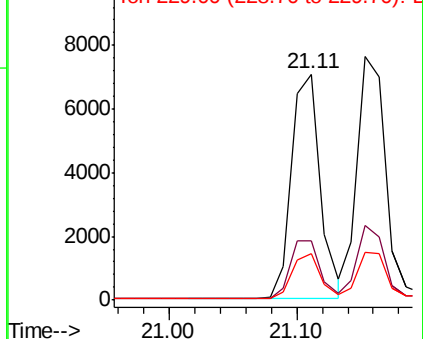
228 100

226 26.2 21.3 31.9

229 20.7 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.347 ng

RT: 21.15 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BN010910.D

Acq: 16 Jun 2020 17:05

Instrument :

BNA_N

ClientSampleId :

RE108D2-20200608MS

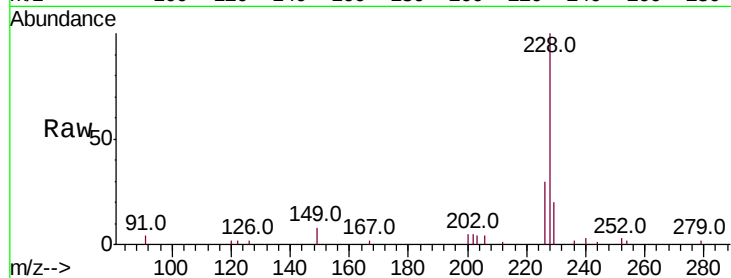
Tot Ion:228 Resp: 11682

Ion Ratio Lower Upper

228 100

226 30.5 25.0 37.6

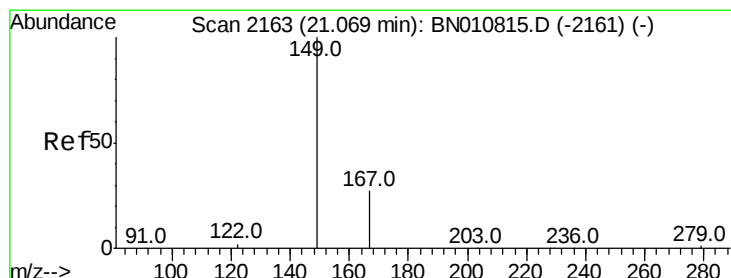
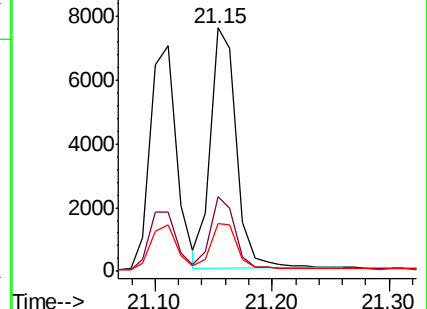
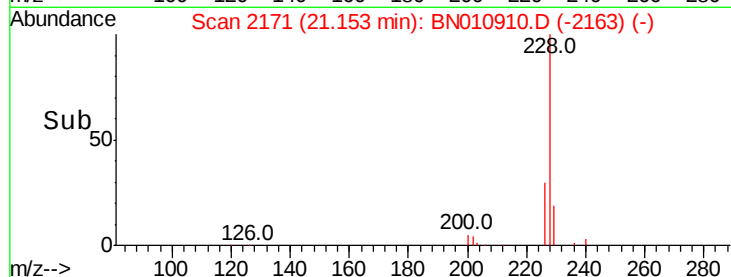
229 19.7 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.602 ng

RT: 21.07 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BN010910.D

Acq: 16 Jun 2020 17:05

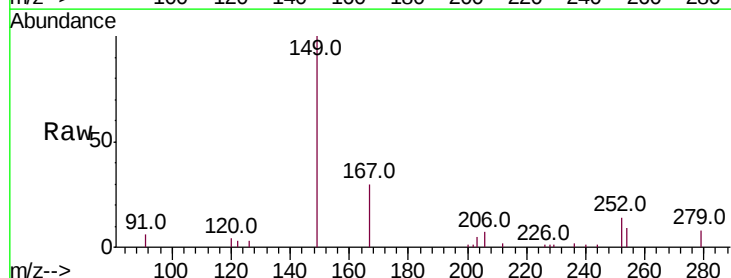
Tgt Ion:149 Resp: 5792

Ion Ratio Lower Upper

149 100

167 28.1 24.1 36.1

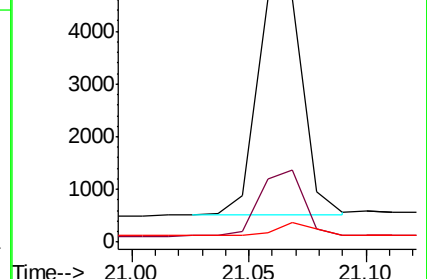
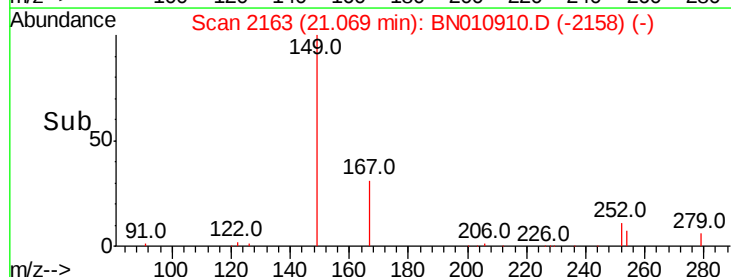
279 4.8 4.6 7.0

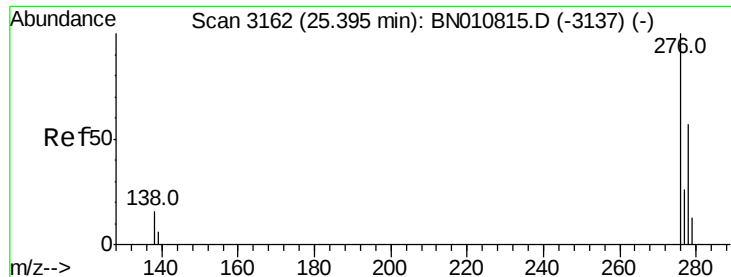


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.378 ng

RT: 25.37 min Scan# 3155

Delta R.T. -0.02 min

Lab File: BN010910.D

Acq: 16 Jun 2020 17:05

Instrument :

BNA_N

ClientSampleId :

RE108D2-20200608MS

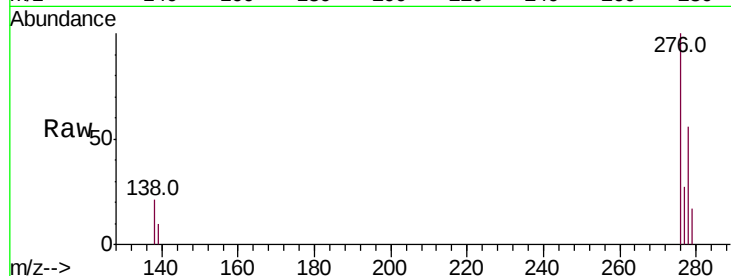
Tot Ion:276 Resp: 14221

Ion Ratio Lower Upper

276 100

138 22.5 13.0 19.6#

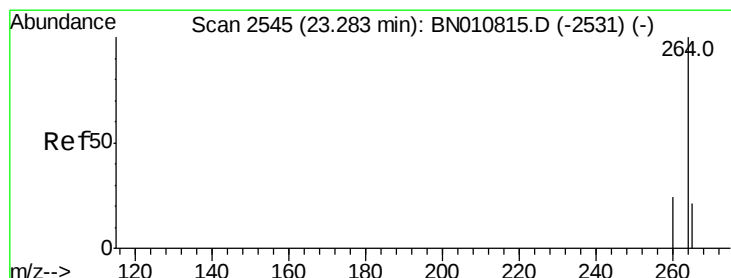
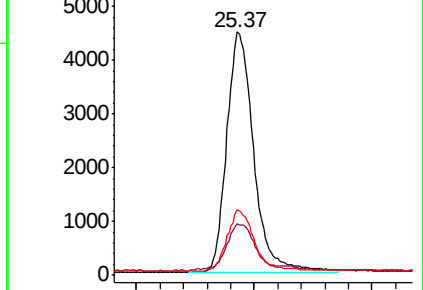
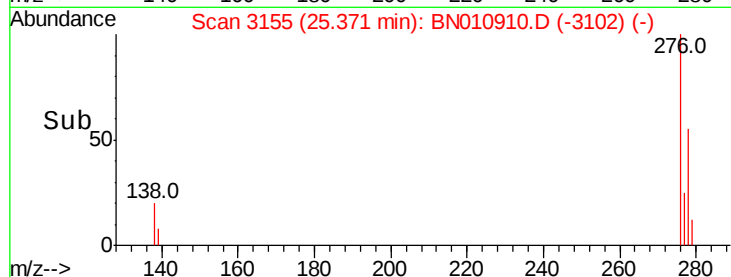
277 25.0 19.7 29.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.27 min Scan# 2541

Delta R.T. -0.01 min

Lab File: BN010910.D

Acq: 16 Jun 2020 17:05

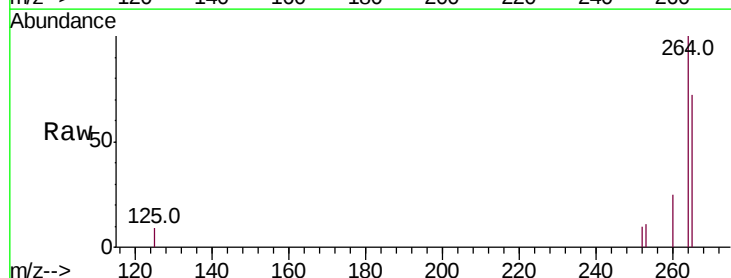
Tgt Ion:264 Resp: 10440

Ion Ratio Lower Upper

264 100

260 25.0 20.4 30.6

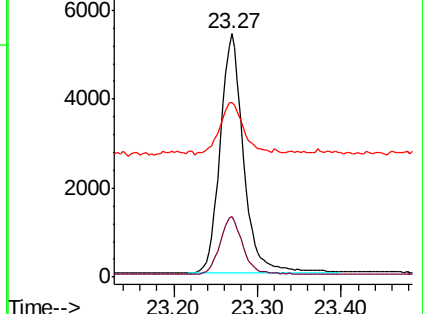
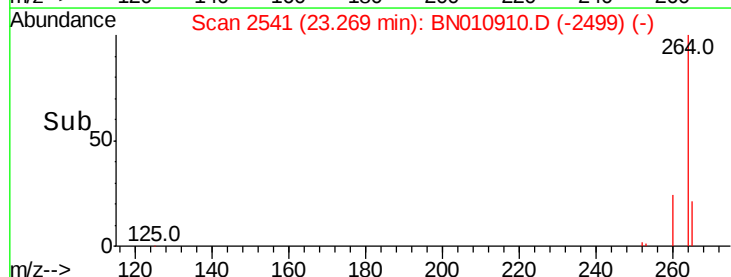
265 71.9 75.0 112.4#



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





#35

Benzo(b)fluoranthene

Concen: 0.318 ng

RT: 22.63 min Scan# 2355

Delta R.T. -0.01 min

Lab File: BN010910.D

Acq: 16 Jun 2020 17:05

Instrument :

BNA_N

ClientSampleId :

RE108D2-20200608MS

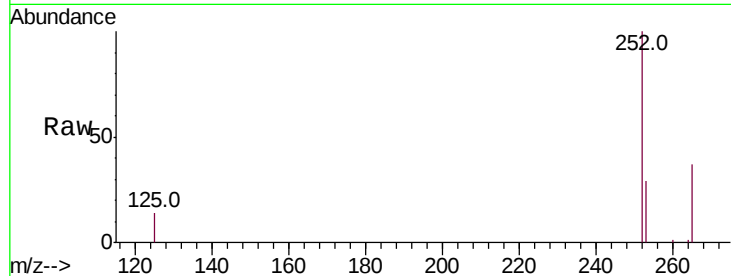
Tot Ion:252 Resp: 11287

Ion Ratio Lower Upper

252 100

253 28.7 22.4 33.6

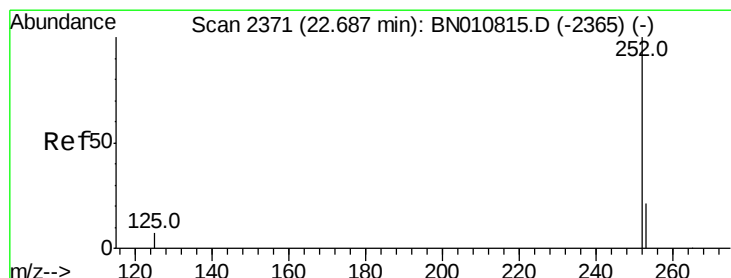
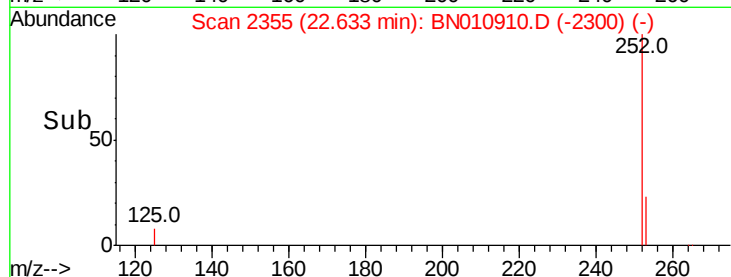
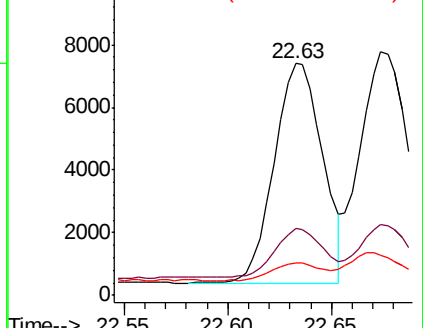
125 14.1 9.4 14.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.298 ng

RT: 22.63 min Scan# 2355

Delta R.T. -0.05 min

Lab File: BN010910.D

Acq: 16 Jun 2020 17:05

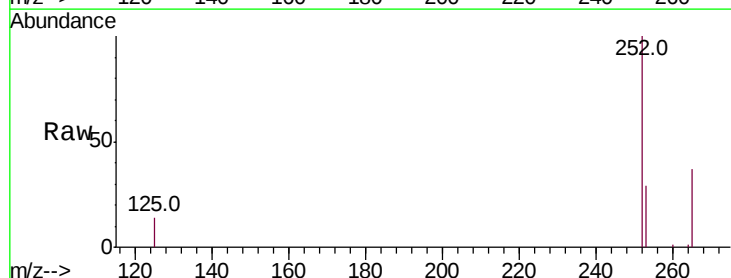
Tgt Ion:252 Resp: 11287

Ion Ratio Lower Upper

252 100

253 28.7 22.2 33.4

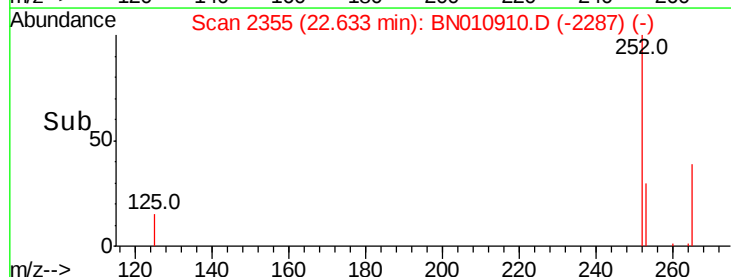
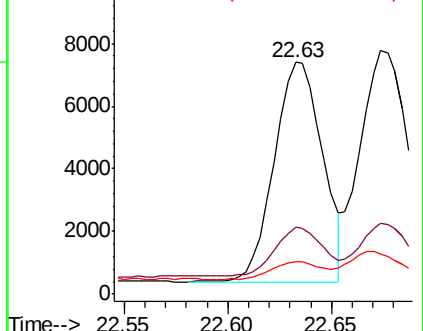
125 14.1 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.329 ng

RT: 23.18 min Scan# 2514

Delta R.T. -0.01 min

Lab File: BN010910.D

Acq: 16 Jun 2020 17:05

Instrument :

BNA_N

ClientSampleId :

RE108D2-20200608MS

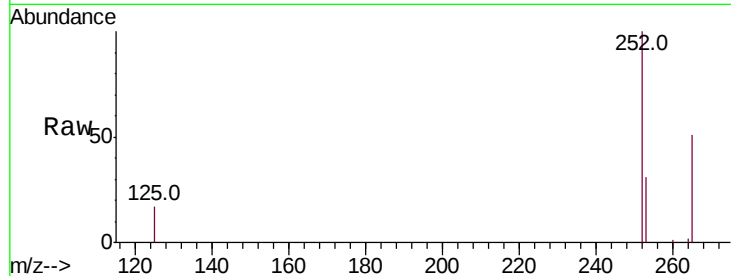
Tot Ion:252 Resp: 10030

Ion Ratio Lower Upper

252 100

253 30.5 25.8 38.8

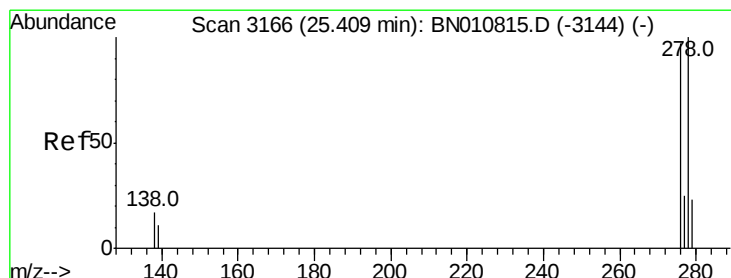
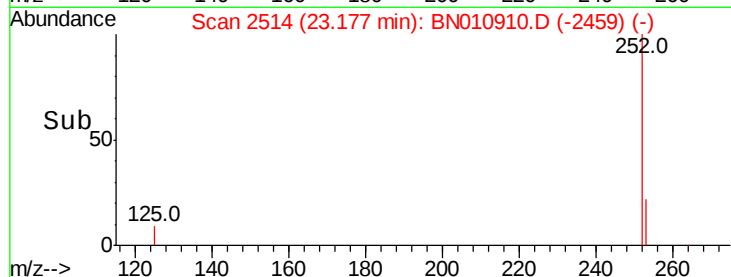
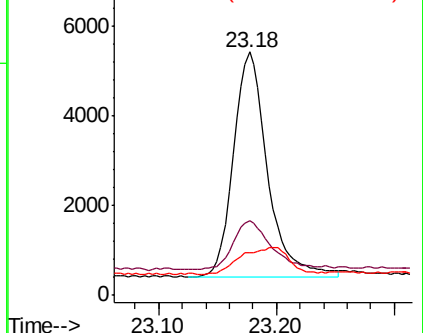
125 17.5 12.4 18.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.336 ng

RT: 25.39 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BN010910.D

Acq: 16 Jun 2020 17:05

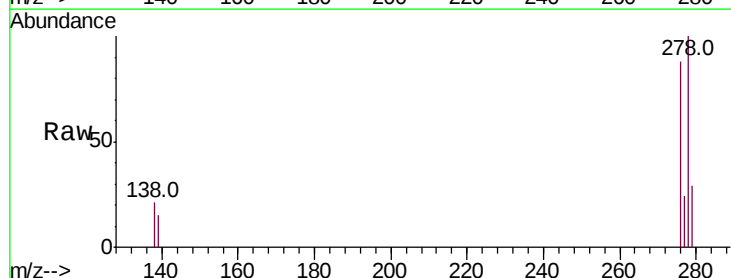
Tgt Ion:278 Resp: 11678

Ion Ratio Lower Upper

278 100

139 14.7 10.6 15.8

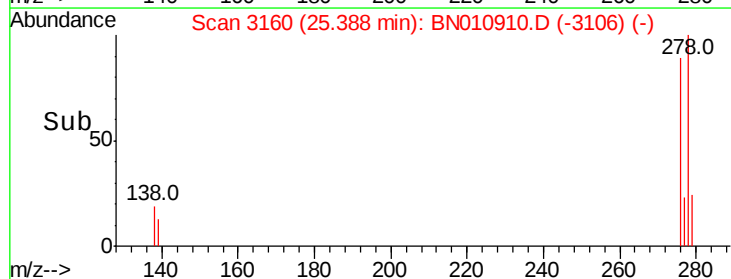
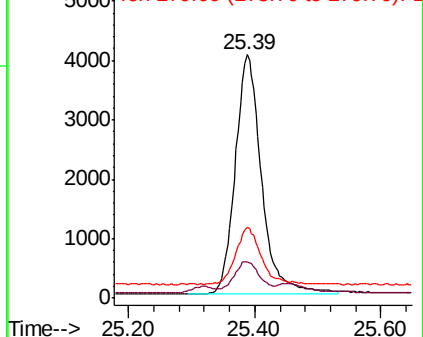
279 29.0 23.6 35.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.329 ng

RT: 26.01 min Scan# 3342

Delta R.T. -0.01 min

Lab File: BN010910.D

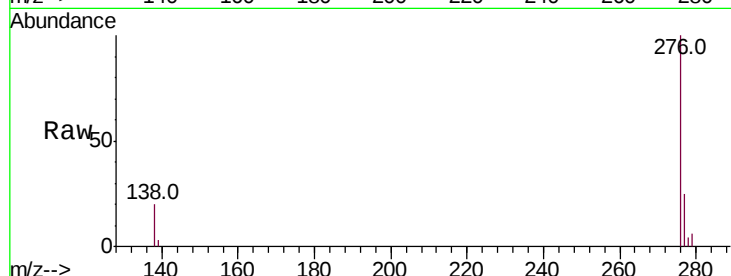
Acq: 16 Jun 2020 17:05

Instrument :

BNA_N

ClientSampleId :

RE108D2-20200608MS



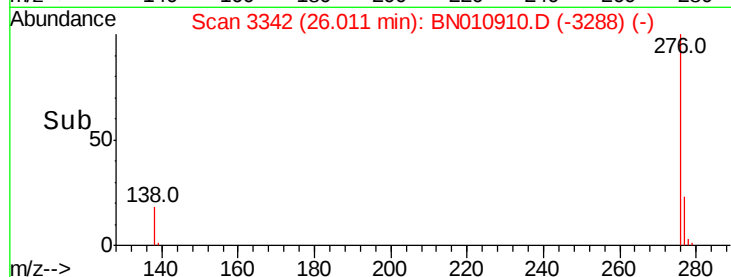
Tot Ion:276 Resp: 11951

Ion Ratio Lower Upper

276 100

277 24.8 20.5 30.7

138 20.2 13.7 20.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

