

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031820\
 Data File : BN010279.D
 Acq On : 19 Mar 2020 00:32
 Operator : CG/JU
 Sample : L1903-09DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20200309DL

Quant Time: Mar 19 10:56:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 02:17:23 2020
 Response via : Initial Calibration

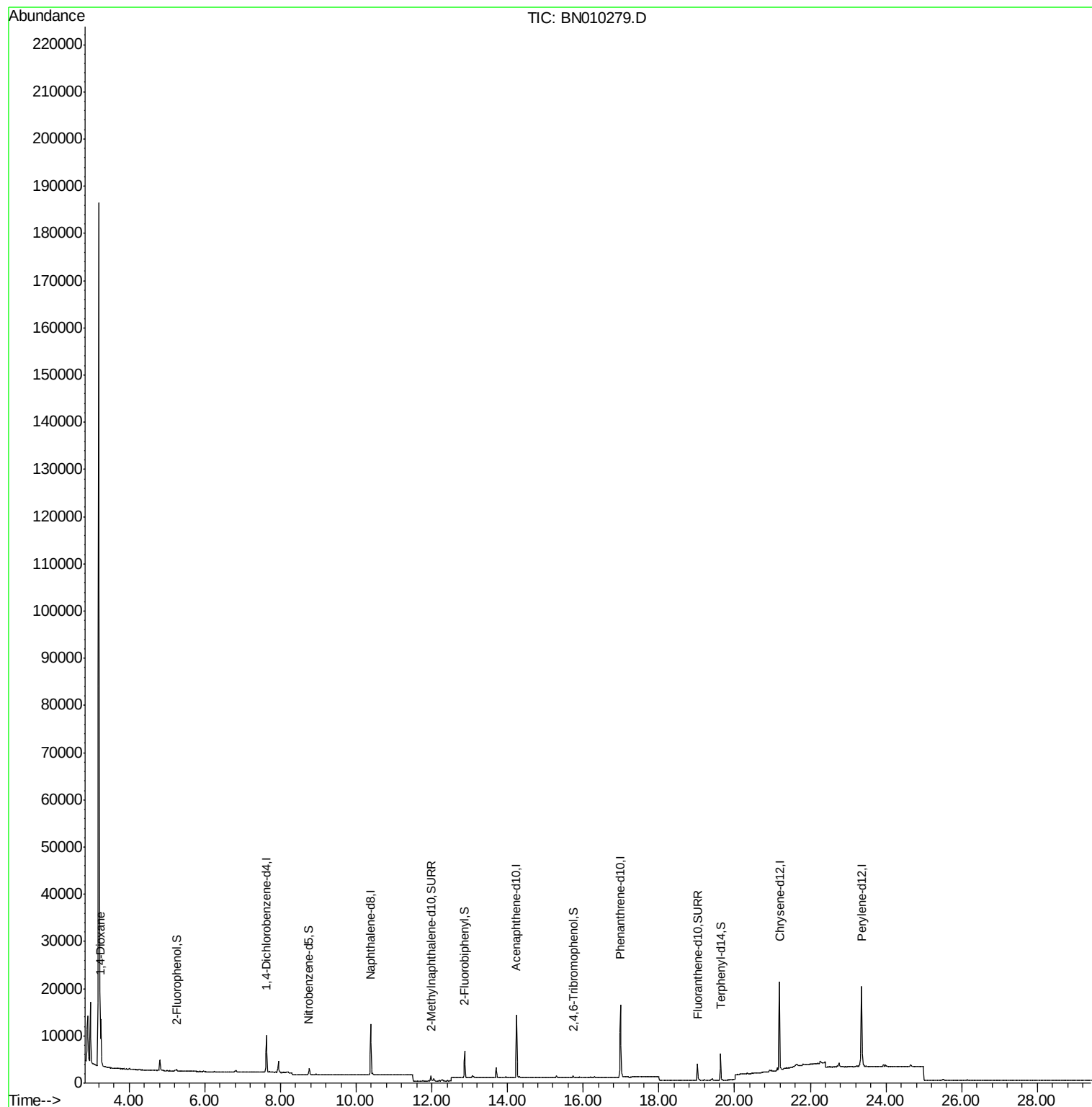
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	4063	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	13959	0.40	ng	-0.01
13) Acenaphthene-d10	14.24	164	8412	0.40	ng	-0.02
19) Phenanthrene-d10	16.99	188	20363	0.40	ng	-0.01
27) Chrysene-d12	21.19	240	20273	0.40	ng	-0.01
34) Perylene-d12	23.35	264	22242	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	287	0.03	ng	-0.02
5) Phenol-d6	6.80	99	210	0.02	ng	-0.02
8) Nitrobenzene-d5	8.76	82	1109	0.13	ng	-0.01
11) 2-Methylnaphthalene-d10	11.97	152	1481	0.06	ng	-0.02
14) 2,4,6-Tribromophenol	15.73	330	217	0.07	ng	-0.02
15) 2-Fluorobiphenyl	12.86	172	4971	0.17	ng	-0.01
25) Fluoranthene-d10	19.02	212	4080	0.06	ng	-0.02
29) Terphenyl-d14	19.63	244	5715	0.12	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.26	88	5889	1.486	ng	Qvalue # 53

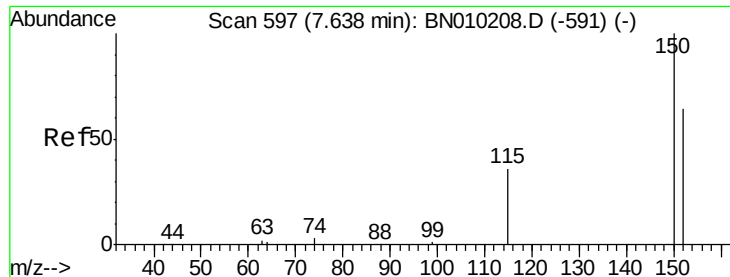
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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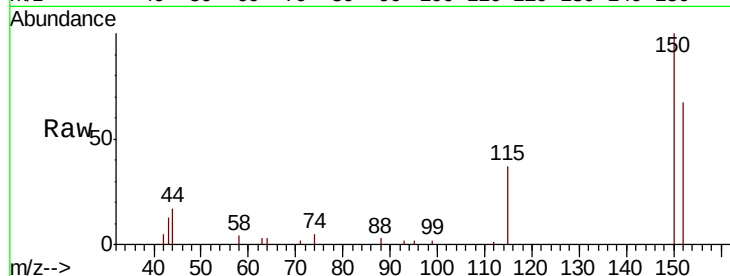


#1

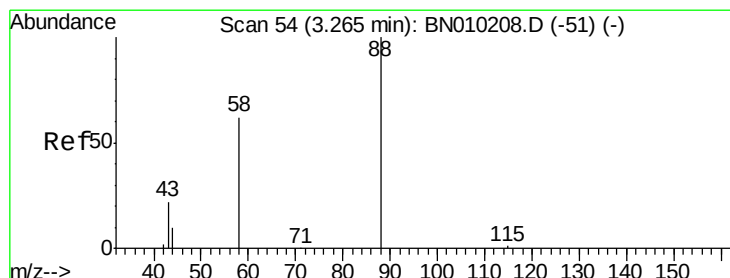
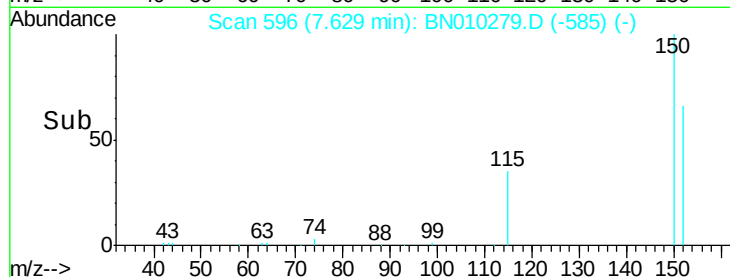
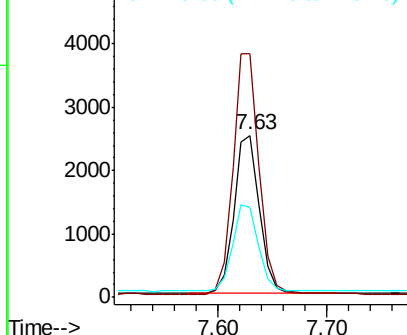
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 596
Delta R.T. -0.01 min
Lab File: BN010279.D
Acq: 19 Mar 2020 00:32

Instrument :
BNA_N
ClientSampleId :
RE120D1-20200309DL

Tot Ion:152 Resp: 4063
Ion Ratio Lower Upper
152 100
150 150.0 119.5 179.3
115 55.7 50.9 76.3



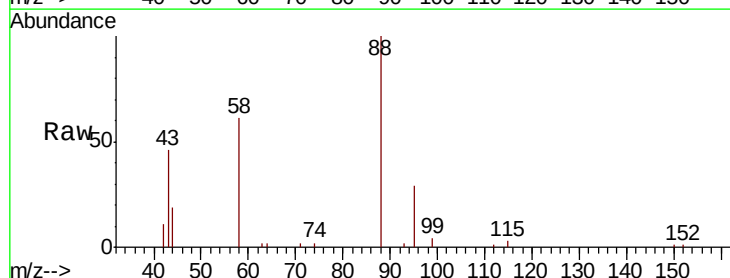
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



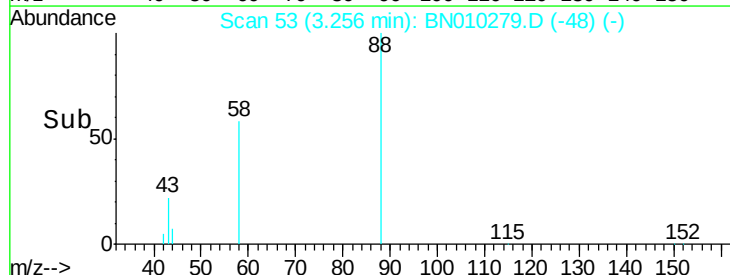
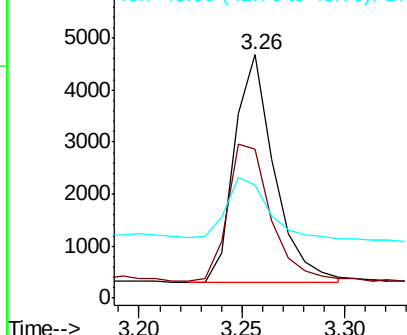
#2

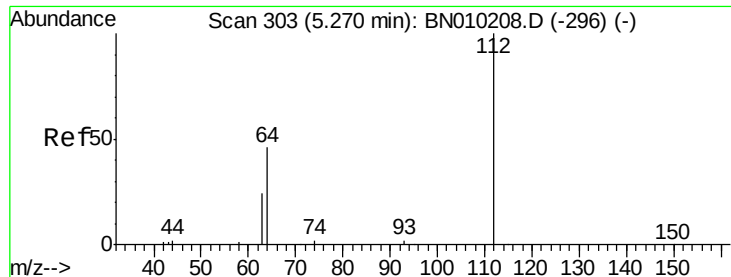
1,4-Dioxane
Concen: 1.486 ng
RT: 3.26 min Scan# 53
Delta R.T. -0.01 min
Lab File: BN010279.D
Acq: 19 Mar 2020 00:32

Tgt Ion: 88 Resp: 5889
Ion Ratio Lower Upper
88 100
58 65.6 97.8 146.8#
43 27.0 45.1 67.7#



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





#4

2-Fluorophenol

Concen: 0.030 ng

RT: 5.25 min Scan# 301

Delta R.T. -0.02 min

Lab File: BN010279.D

Acq: 19 Mar 2020 00:32

Instrument :

BNA_N

ClientSampleId :

RE120D1-20200309DL

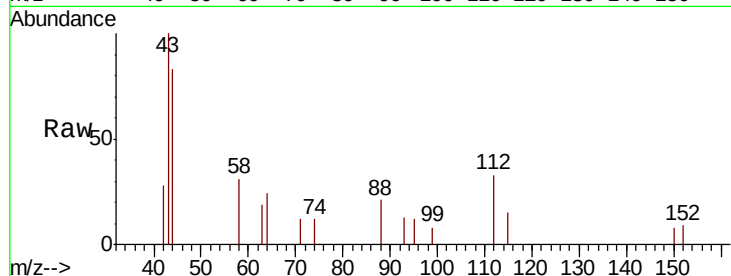
Tot Ion: 112 Resp: 287

Ion Ratio Lower Upper

112 100

64 52.6 42.6 63.8

63 35.9 23.6 35.4#

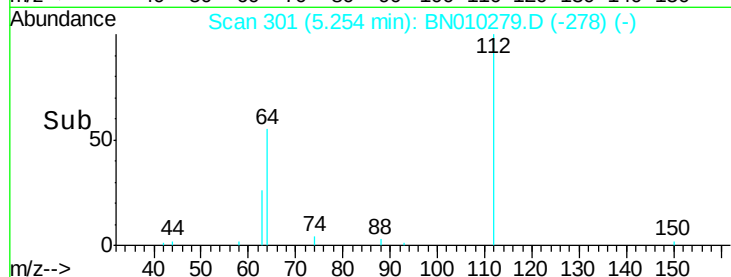


Abundance Ion 112.00 (111.70 to 112.70): B

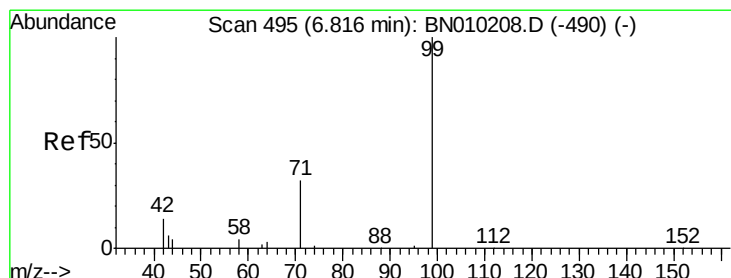
Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B

Time-->



Time-->



#5

Phenol-d6

Concen: 0.018 ng

RT: 6.80 min Scan# 493

Delta R.T. -0.02 min

Lab File: BN010279.D

Acq: 19 Mar 2020 00:32

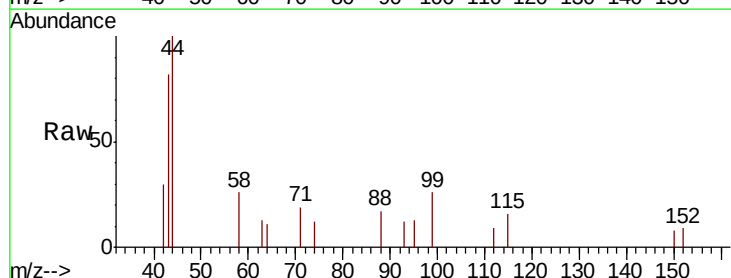
Tgt Ion: 99 Resp: 210

Ion Ratio Lower Upper

99 100

42 18.1 12.0 18.0#

71 44.3 22.6 33.8#

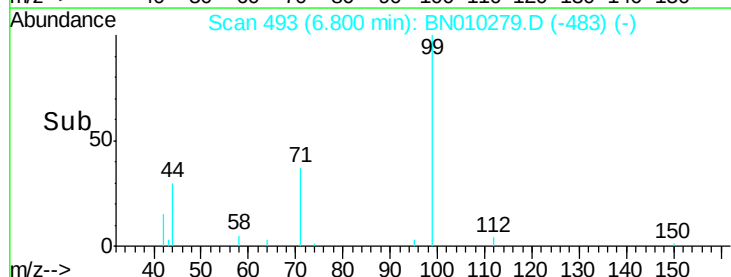


Abundance Ion 99.00 (98.70 to 99.70): B

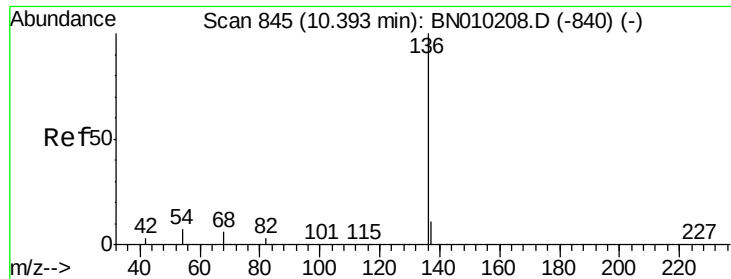
Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B

Time-->



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. -0.01 min

Lab File: BN010279.D

Acq: 19 Mar 2020 00:32

Instrument :

BNA_N

ClientSampleId :

RE120D1-20200309DL

Tot Ion:136 Resp: 13959

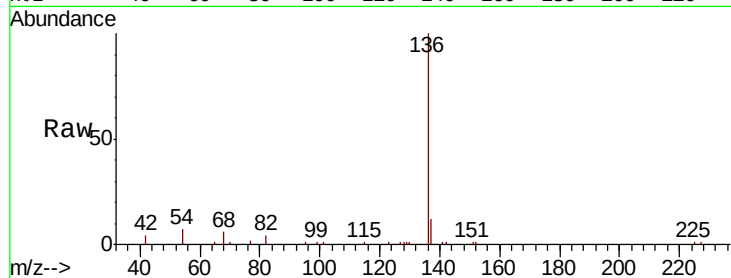
Ion Ratio Lower Upper

136 100

137 11.5 10.6 15.8

54 7.2 9.5 14.3#

68 6.3 9.7 14.5#

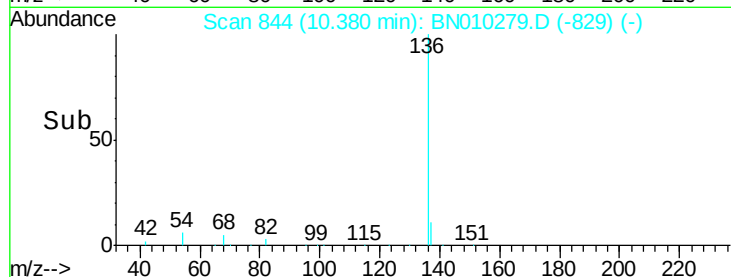


Abundance Ion 136.00 (135.70 to 136.70): E

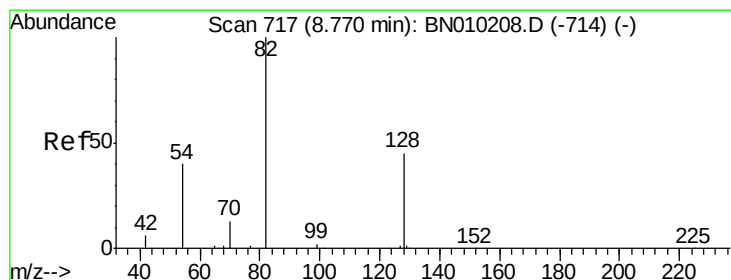
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time--> 10.20 10.40 10.60



#8

Nitrobenzene-d5

Concen: 0.132 ng

RT: 8.76 min Scan# 716

Delta R.T. -0.01 min

Lab File: BN010279.D

Acq: 19 Mar 2020 00:32

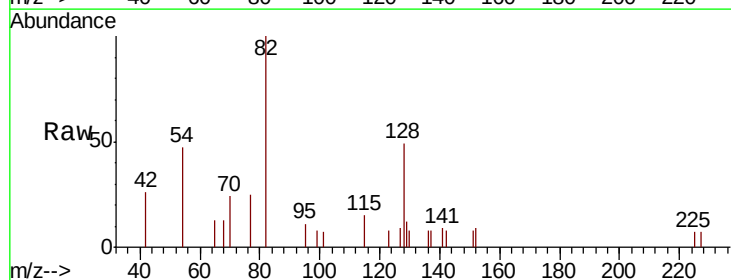
Tgt Ion: 82 Resp: 1109

Ion Ratio Lower Upper

82 100

128 49.2 35.0 52.6

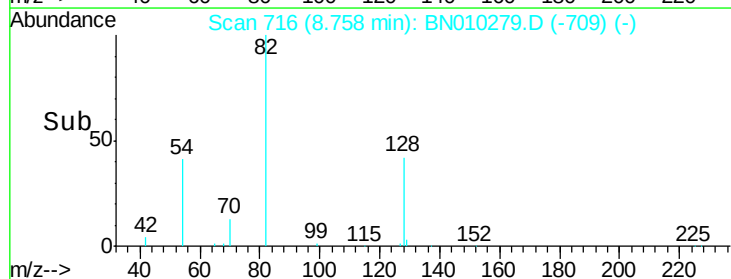
54 47.5 37.0 55.4



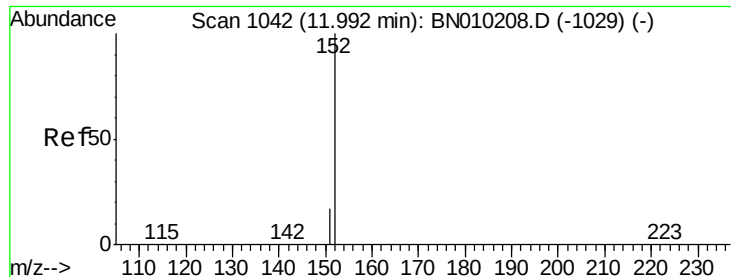
Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC



Time--> 8.70 8.80



#11

2-Methylnaphthalene-d10

Concen: 0.064 ng

RT: 11.97 min Scan# 1038

Delta R.T. -0.02 min

Lab File: BN010279.D

Acq: 19 Mar 2020 00:32

Instrument :

BNA_N

ClientSampleId :

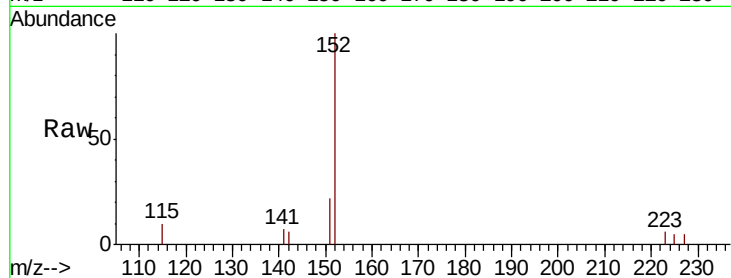
RE120D1-20200309DL

Tot Ion:152 Resp: 1481

Ion Ratio Lower Upper

152 100

151 20.1 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.97

1000

800

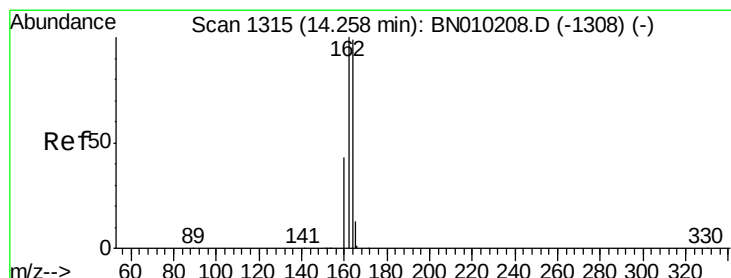
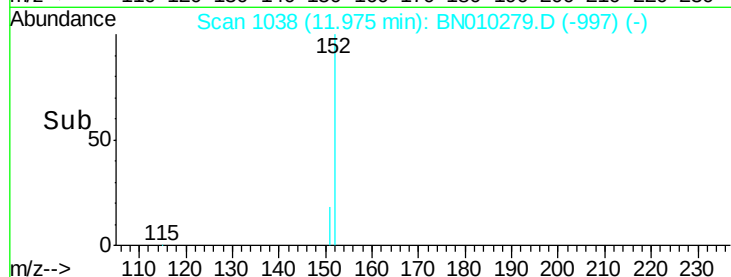
600

400

200

0

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1313

Delta R.T. -0.02 min

Lab File: BN010279.D

Acq: 19 Mar 2020 00:32

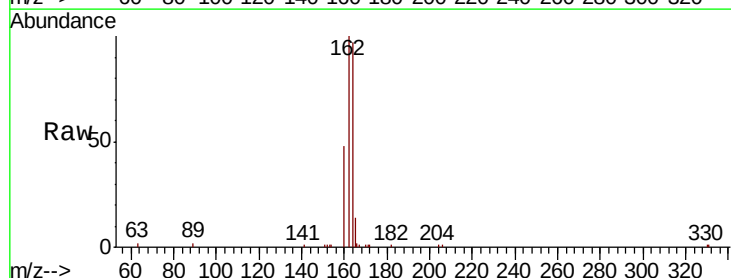
Tgt Ion:164 Resp: 8412

Ion Ratio Lower Upper

164 100

162 102.6 81.0 121.4

160 49.7 35.6 53.4



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

14.24

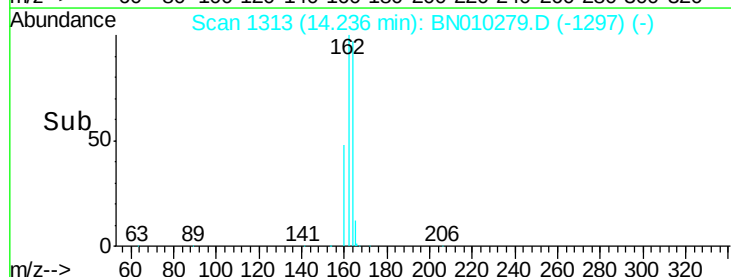
6000

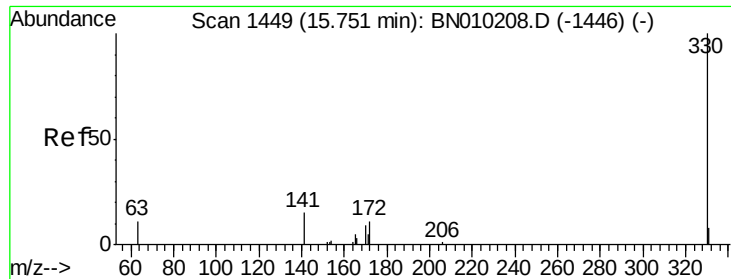
4000

2000

0

Time-->

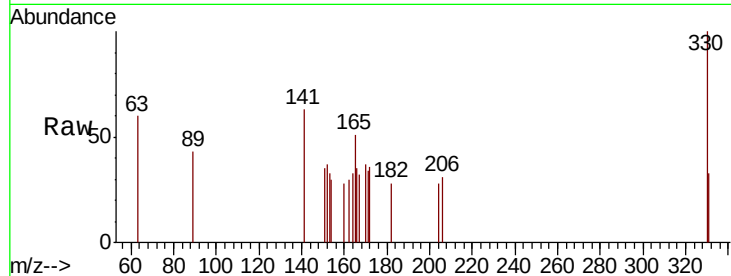




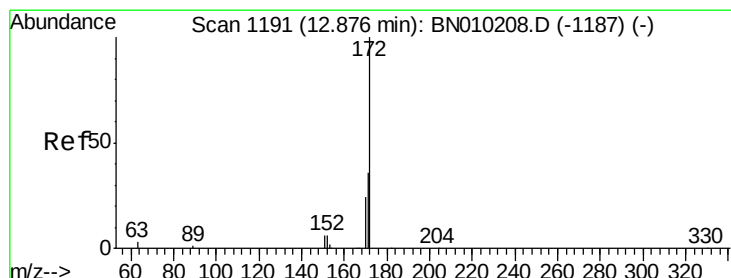
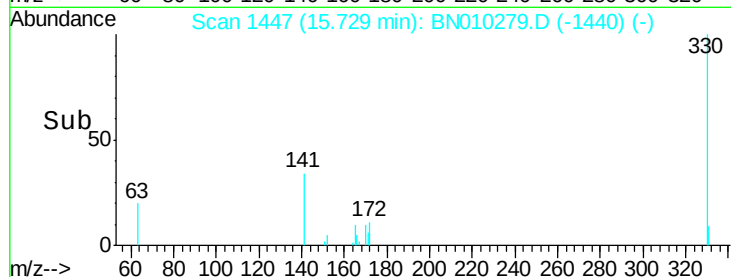
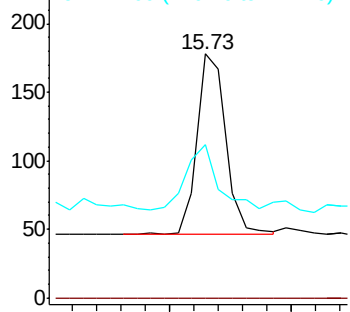
#14
 2,4,6-Tribromophenol
 Concen: 0.072 ng
 RT: 15.73 min Scan# 1447
 Delta R.T. -0.02 min
 Lab File: BN010279.D
 Acq: 19 Mar 2020 00:32

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20200309DL

Tot Ion:330 Resp: 217
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 40.6 25.1 37.7#

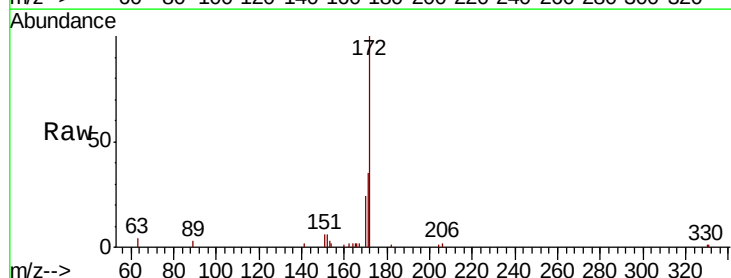


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

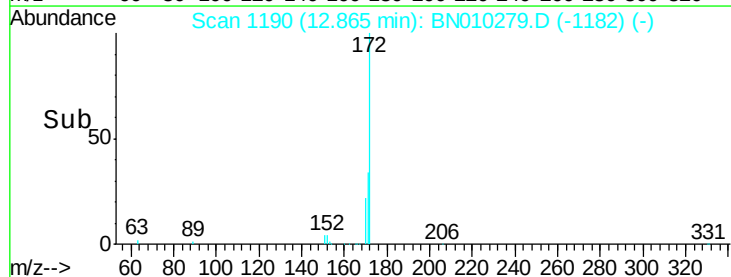
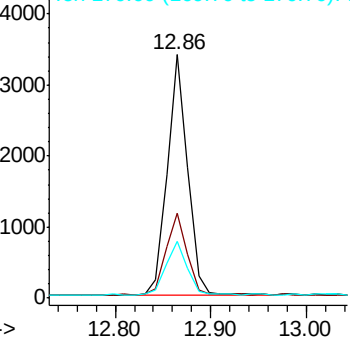


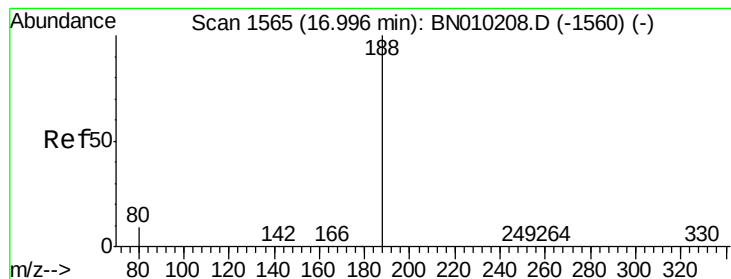
#15
 2-Fluorobiphenyl
 Concen: 0.166 ng
 RT: 12.86 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BN010279.D
 Acq: 19 Mar 2020 00:32

Tgt Ion:172 Resp: 4971
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.4 44.2
 170 23.5 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





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.99 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BN010279.D

Acq: 19 Mar 2020 00:32

Instrument :

BNA_N

ClientSampleId :

RE120D1-20200309DL

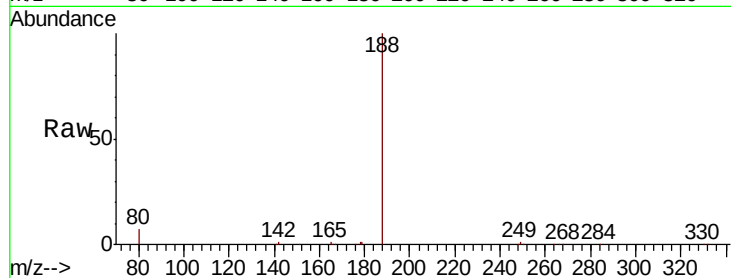
Tot Ion:188 Resp: 20363

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

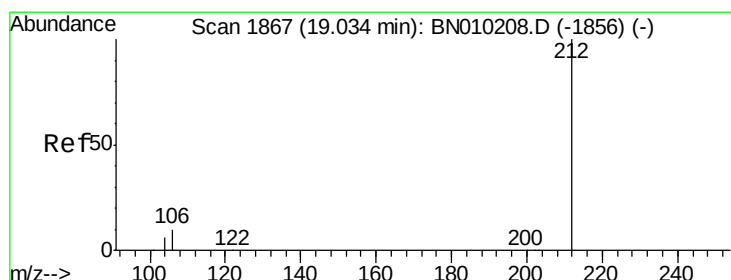
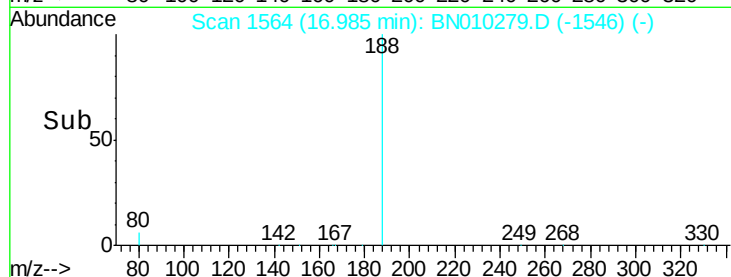
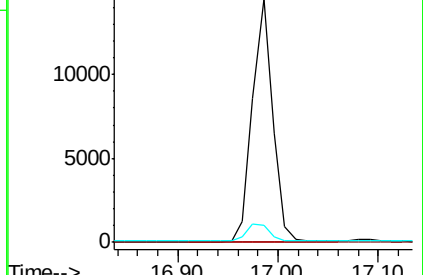
80 6.8 8.6 12.8#



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: 0.065 ng

RT: 19.02 min Scan# 1864

Delta R.T. -0.02 min

Lab File: BN010279.D

Acq: 19 Mar 2020 00:32

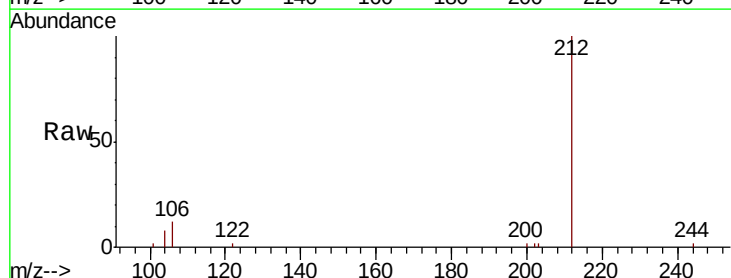
Tgt Ion:212 Resp: 4080

Ion Ratio Lower Upper

212 100

106 10.0 8.1 12.1

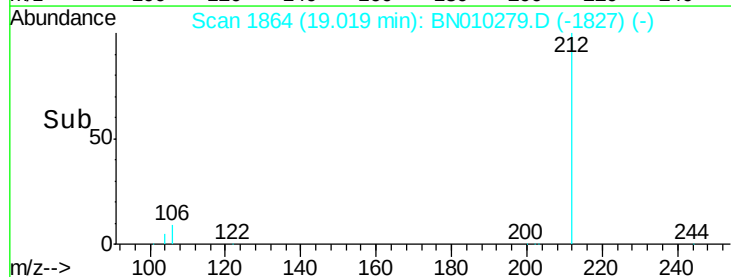
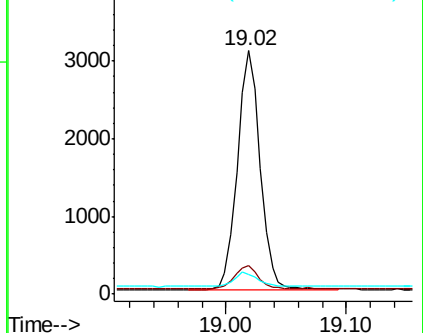
104 6.2 4.7 7.1

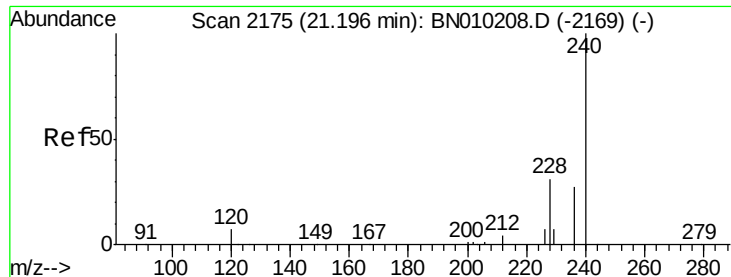


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.19 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN010279.D

Acq: 19 Mar 2020 00:32

Instrument :

BNA_N

ClientSampleId :

RE120D1-20200309DL

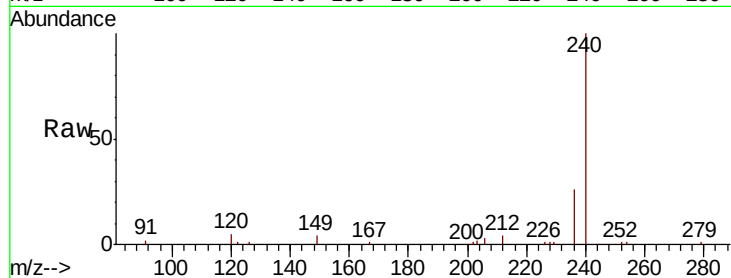
Tot Ion:240 Resp: 20273

Ion Ratio Lower Upper

240 100

120 4.5 7.7 11.5#

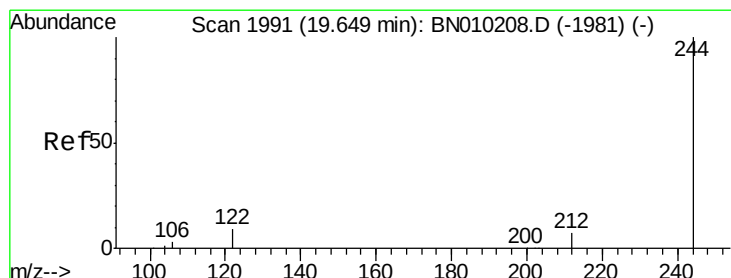
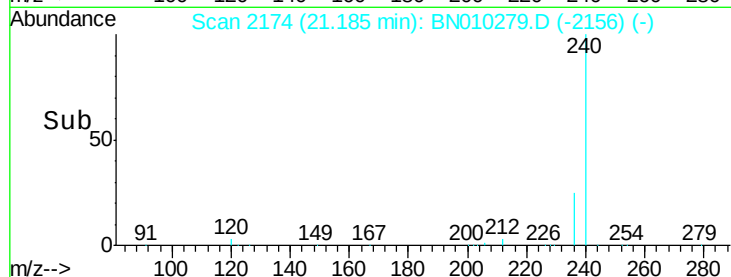
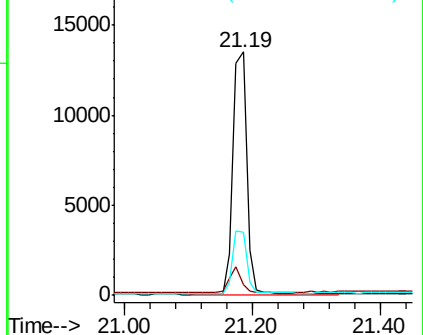
236 26.2 21.8 32.6



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: 0.124 ng

RT: 19.63 min Scan# 1987

Delta R.T. -0.02 min

Lab File: BN010279.D

Acq: 19 Mar 2020 00:32

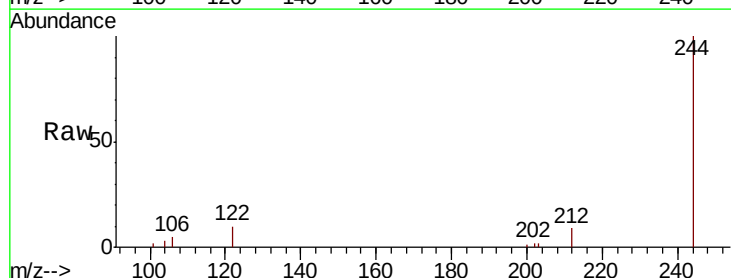
Tgt Ion:244 Resp: 5715

Ion Ratio Lower Upper

244 100

212 8.7 6.4 9.6

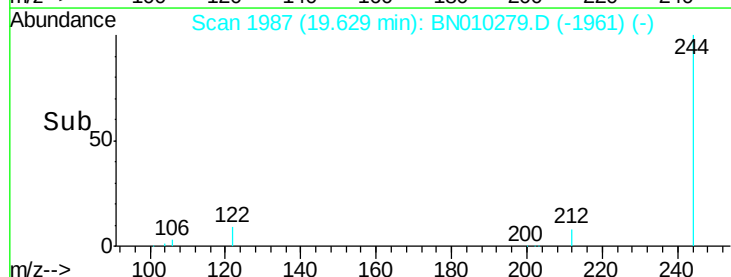
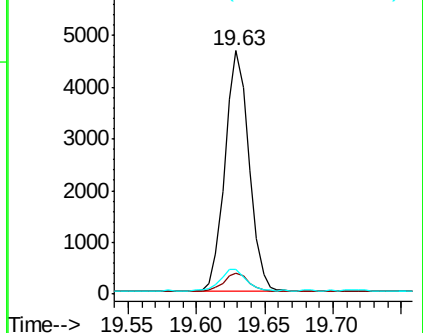
122 10.0 8.1 12.1

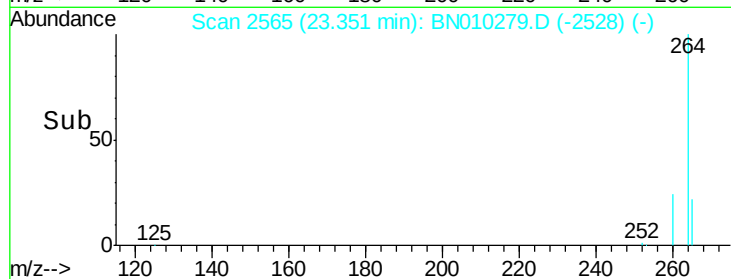
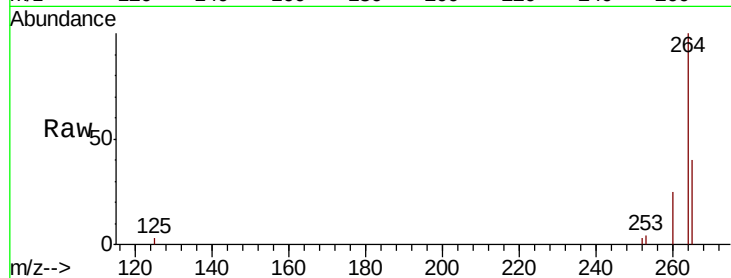
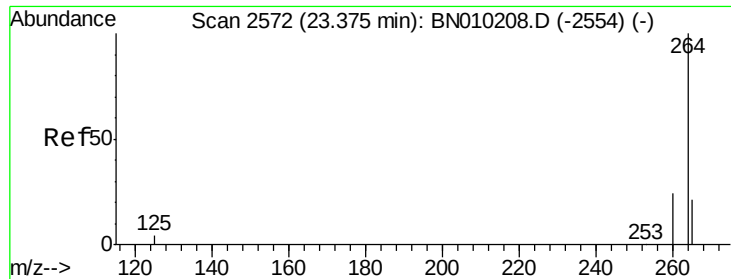


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.35 min Scan# 2565

Delta R.T. -0.02 min

Lab File: BN010279.D

Acq: 19 Mar 2020 00:32

Instrument :

BNA_N

ClientSampleId :

RE120D1-20200309DL

Tot Ion: 264 Resp: 22242

Ion Ratio Lower Upper

264 100

260 24.7 19.7 29.5

265 40.0 25.8 38.6

