

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082420\
 Data File : BN011608.D
 Acq On : 24 Aug 2020 22:23
 Operator : CG/JU
 Sample : PB131179BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB131179BL

Quant Time: Aug 25 03:48:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 25 03:31:11 2020
 Response via : Initial Calibration

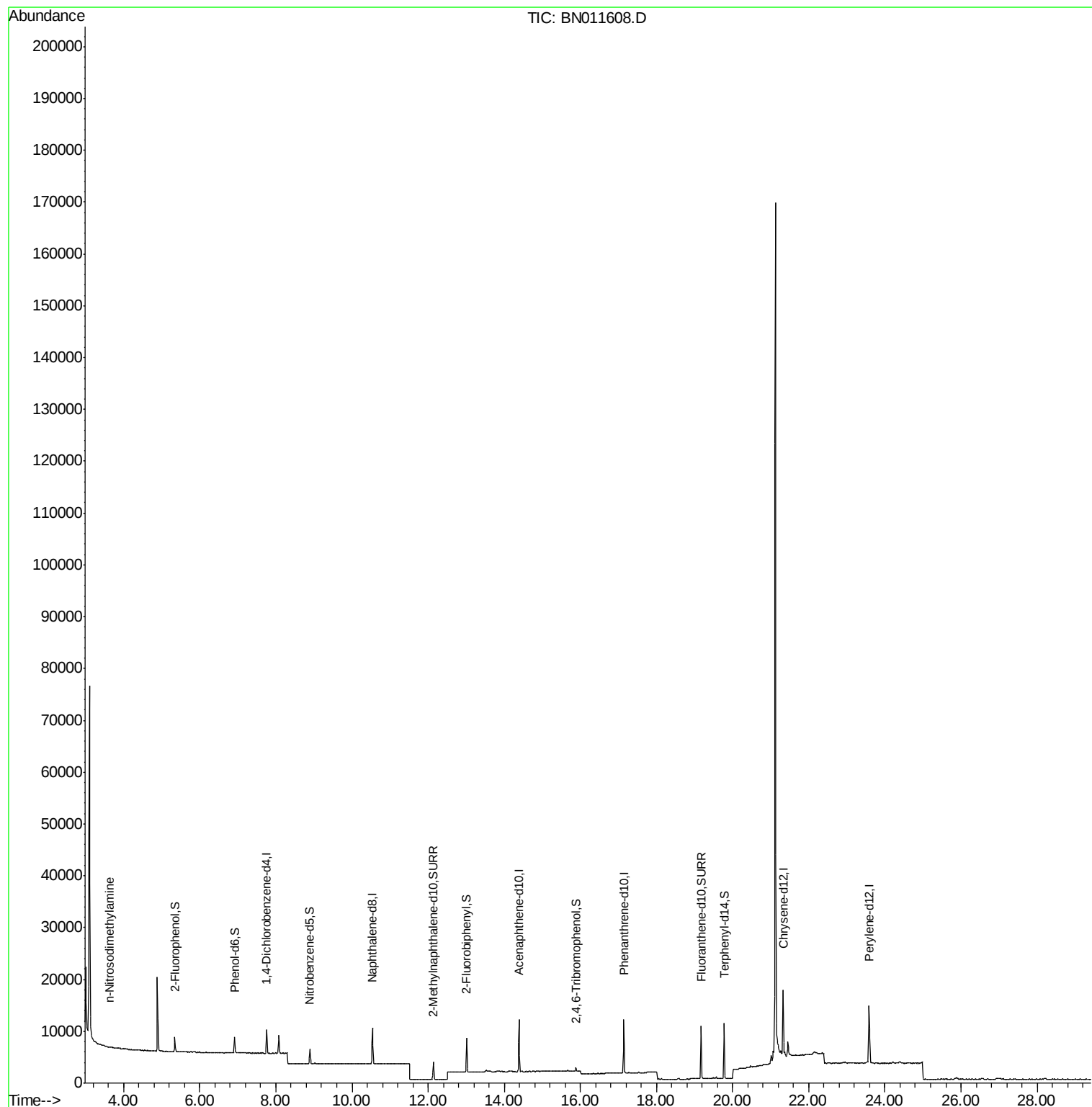
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	2166	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	9002	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	5694	0.40	ng	0.00
19) Phenanthrene-d10	17.14	188	12931	0.40	ng	0.00
29) Chrysene-d12	21.33	240	13197	0.40	ng	0.00
36) Perylene-d12	23.59	264	14752	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	2045	0.30	ng	0.00
5) Phenol-d6	6.92	99	2664	0.27	ng	0.00
8) Nitrobenzene-d5	8.89	82	2274	0.29	ng	-0.01
11) 2-Methylnaphthalene-d10	12.14	152	4496	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	479	0.15	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	6061	0.27	ng	-0.01
27) Fluoranthene-d10	19.17	212	11206	0.27	ng	0.00
31) Terphenyl-d14	19.78	244	9931	0.29	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.62	42	76	0.021	ng	Qvalue # 1

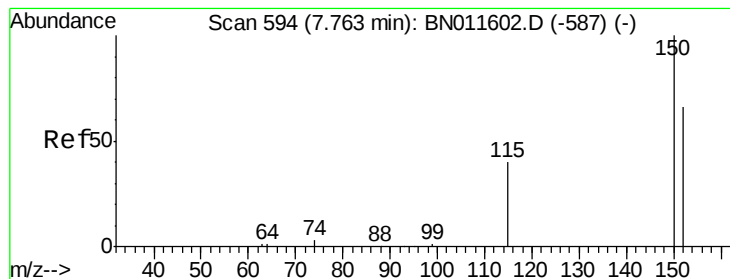
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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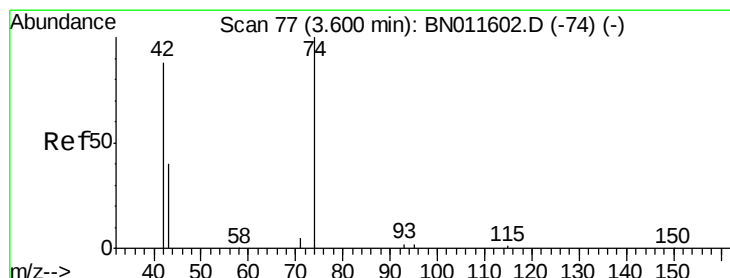
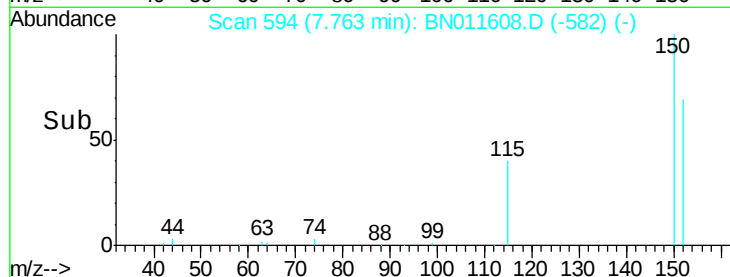
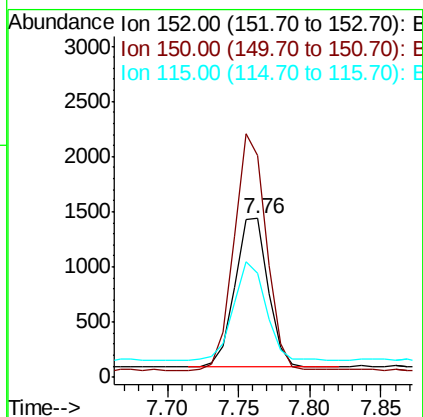
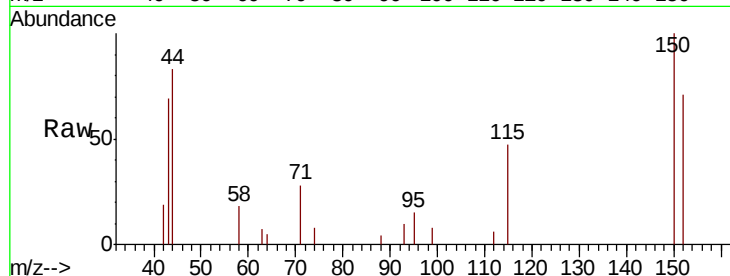


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 594
Delta R.T. -0.00 min
Lab File: BN011608.D
Acq: 24 Aug 2020 22:23

Instrument :
BNA_N
ClientSampleId :
PB131179BL

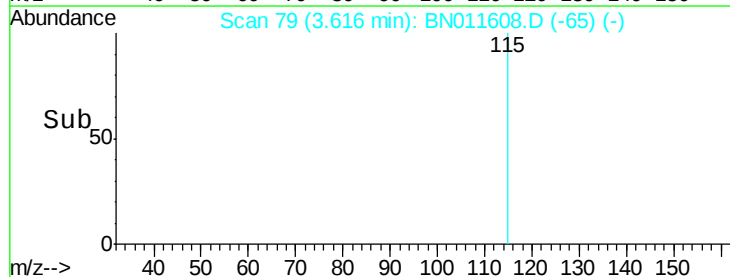
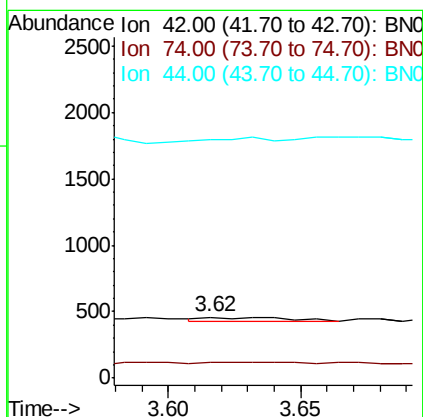
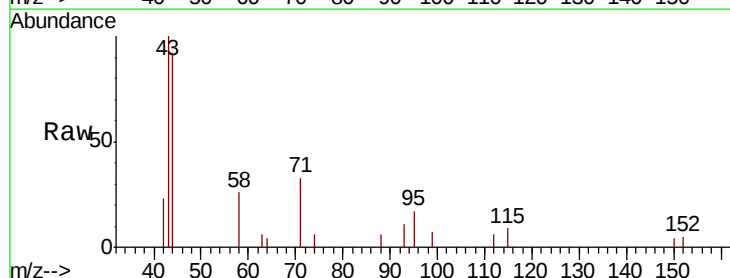
Tot Ion:152 Resp: 2166
Ion Ratio Lower Upper
152 100
150 140.1 112.4 168.6
115 65.5 56.9 85.3

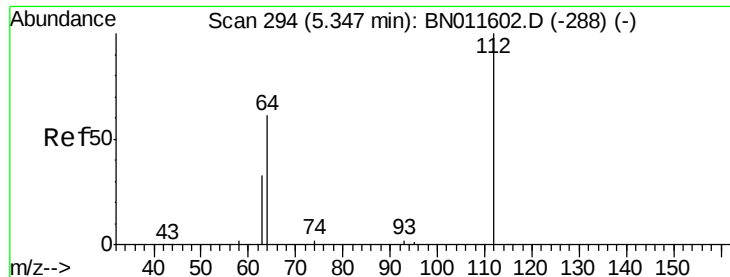


#3

n-Nitrosodimethylamine
Concen: 0.021 ng
RT: 3.62 min Scan# 79
Delta R.T. 0.02 min
Lab File: BN011608.D
Acq: 24 Aug 2020 22:23

Tgt Ion: 42 Resp: 76
Ion Ratio Lower Upper
42 100
74 10.5 0.0 0.0#
44 105.3 8.2 12.4#





#4

2-Fluorophenol

Concen: 0.295 ng

RT: 5.35 min Scan# 294

Delta R.T. -0.00 min

Lab File: BN011608.D

Acq: 24 Aug 2020 22:23

Instrument :

BNA_N

ClientSampleId :

PB131179BL

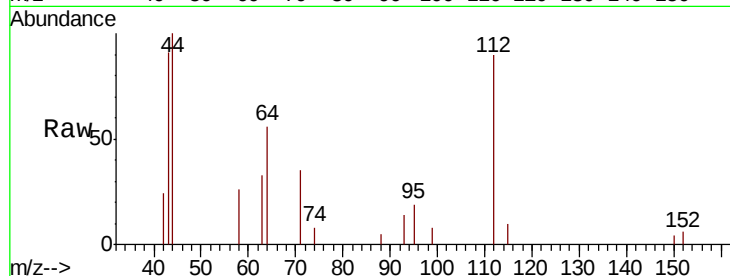
Tot Ion: 112 Resp: 2045

Ion Ratio Lower Upper

112 100

64 60.3 49.6 74.4

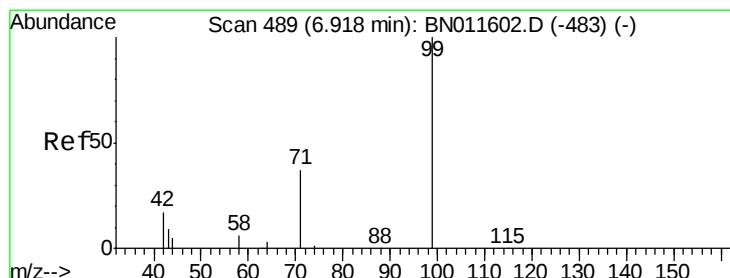
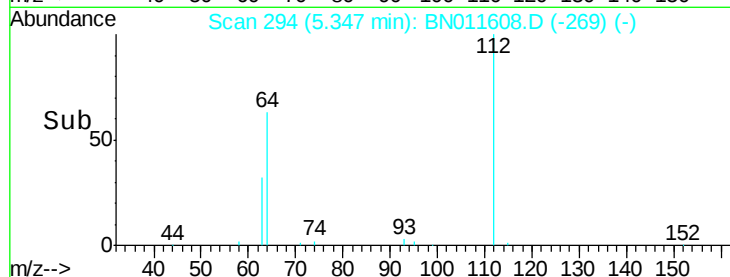
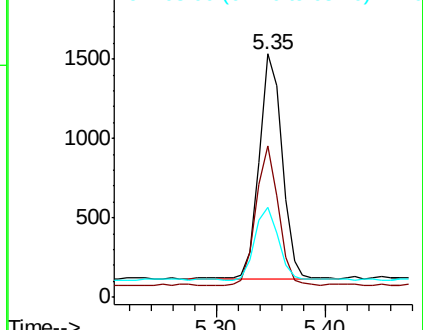
63 32.6 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.272 ng

RT: 6.92 min Scan# 489

Delta R.T. -0.00 min

Lab File: BN011608.D

Acq: 24 Aug 2020 22:23

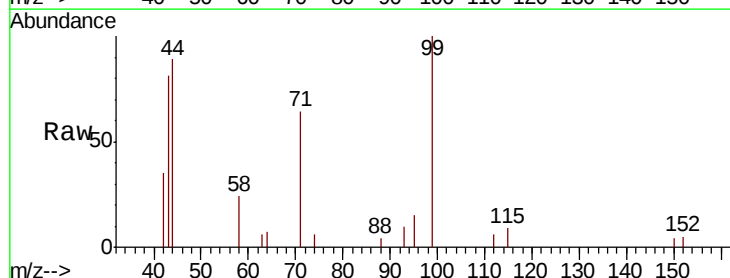
Tgt Ion: 99 Resp: 2664

Ion Ratio Lower Upper

99 100

42 20.5 0.0 0.0#

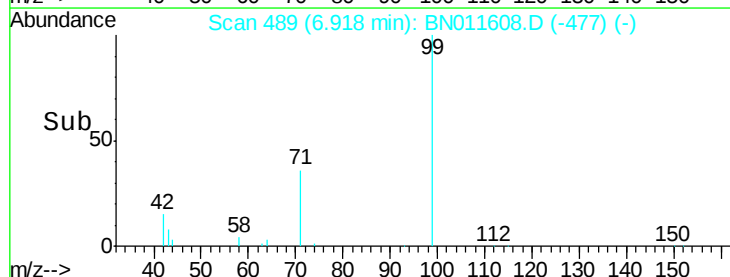
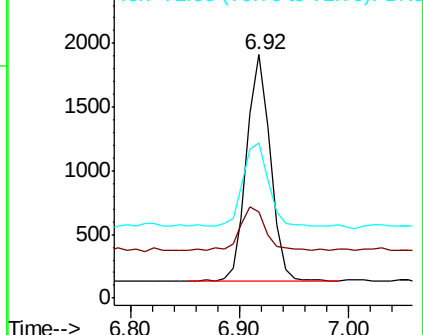
71 39.7 0.0 0.0#

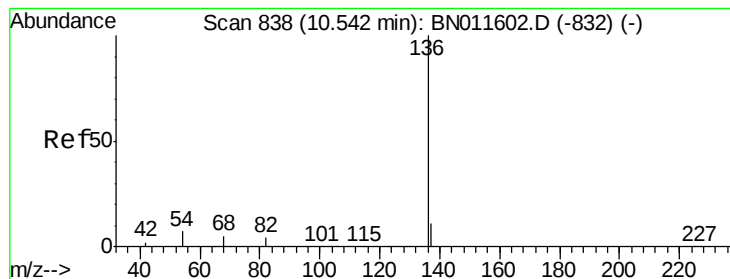


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 838

Delta R.T. -0.00 min

Lab File: BN011608.D

Acq: 24 Aug 2020 22:23

Instrument :

BNA_N

ClientSampleId :

PB131179BL

Tot Ion:136 Resp: 9002

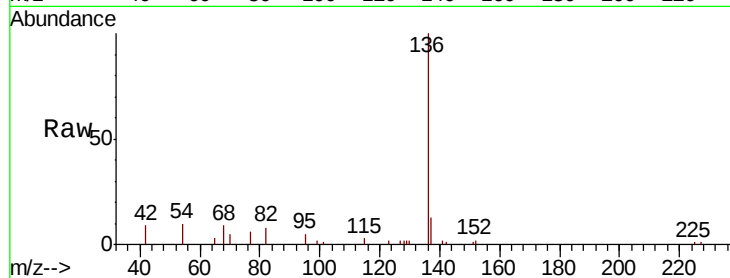
Ion Ratio Lower Upper

136 100

137 12.7 11.5 17.3

54 9.8 11.9 17.9#

68 8.8 12.3 18.5#

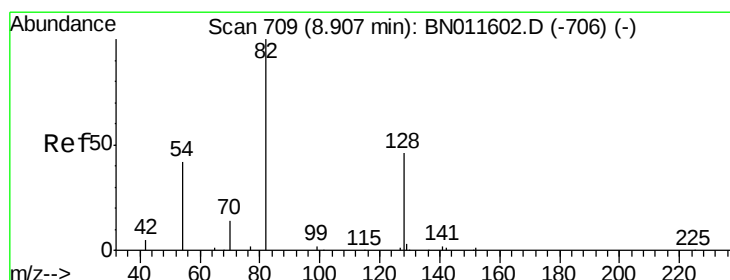
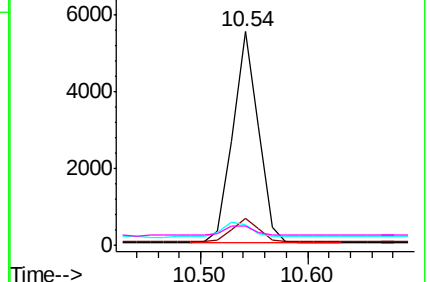
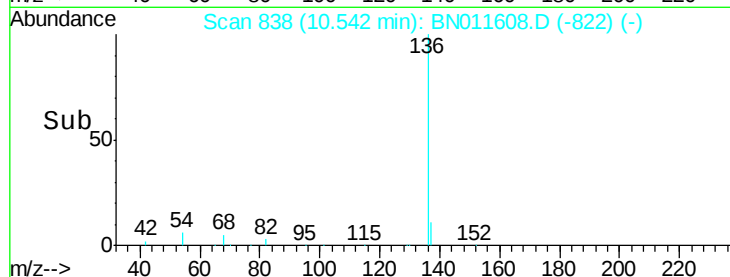


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.292 ng

RT: 8.89 min Scan# 708

Delta R.T. -0.01 min

Lab File: BN011608.D

Acq: 24 Aug 2020 22:23

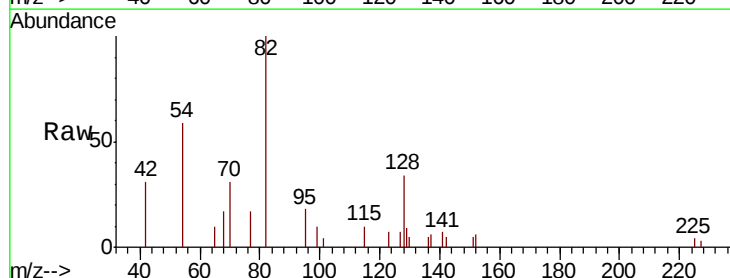
Tgt Ion: 82 Resp: 2274

Ion Ratio Lower Upper

82 100

128 33.9 31.1 46.7

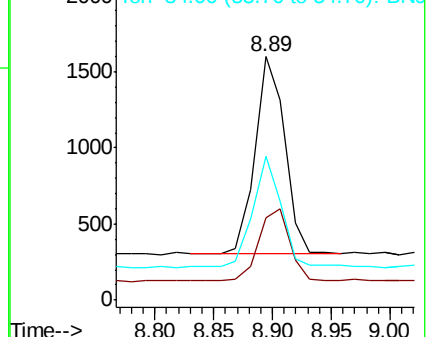
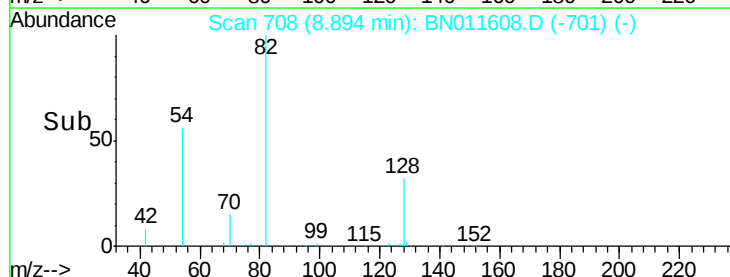
54 58.8 37.1 55.7#

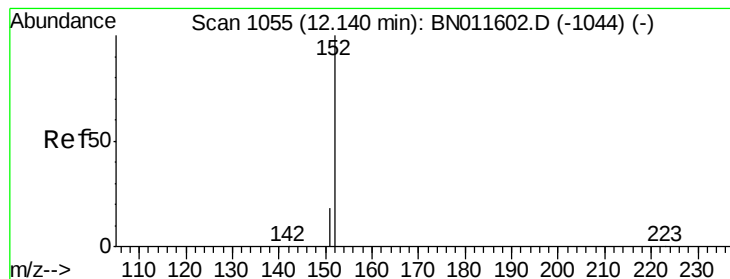


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#11

2-Methylnaphthalene-d10

Concen: 0.264 ng

RT: 12.14 min Scan# 1054

Delta R.T. -0.00 min

Lab File: BN011608.D

Acq: 24 Aug 2020 22:23

Instrument :

BNA_N

ClientSampleId :

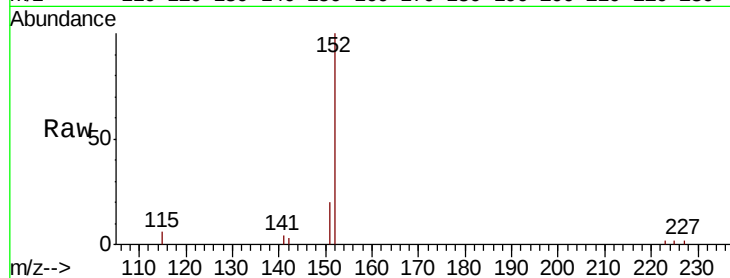
PB131179BL

Tot Ion:152 Resp: 4496

Ion Ratio Lower Upper

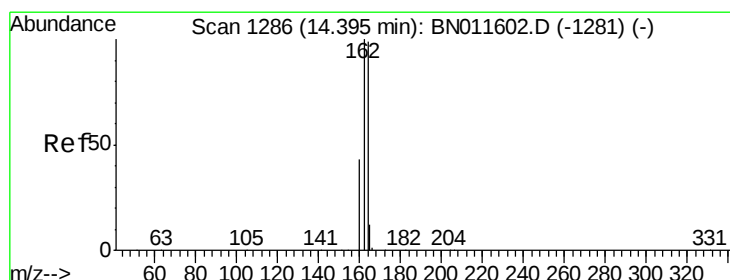
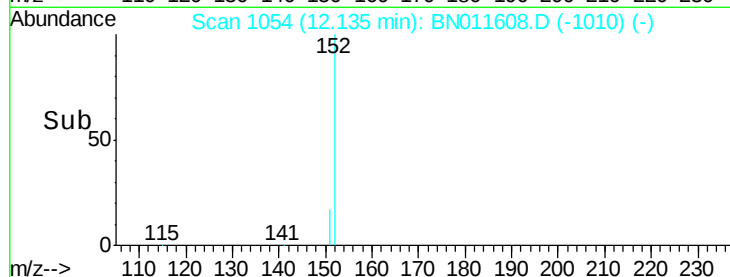
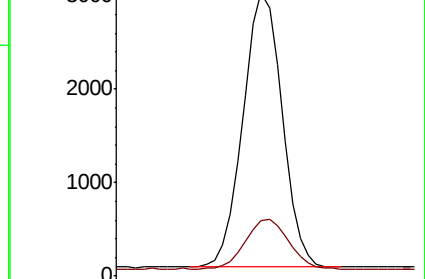
152 100

151 20.1 16.4 24.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.39 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BN011608.D

Acq: 24 Aug 2020 22:23

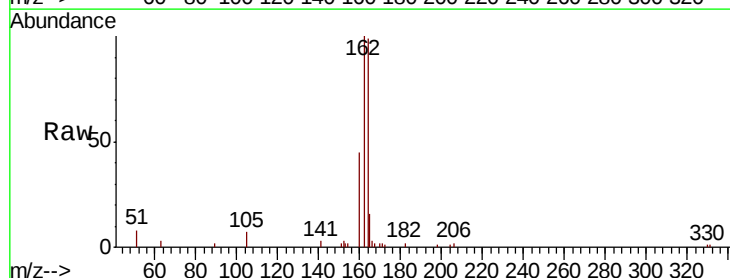
Tgt Ion:164 Resp: 5694

Ion Ratio Lower Upper

164 100

162 101.1 80.8 121.2

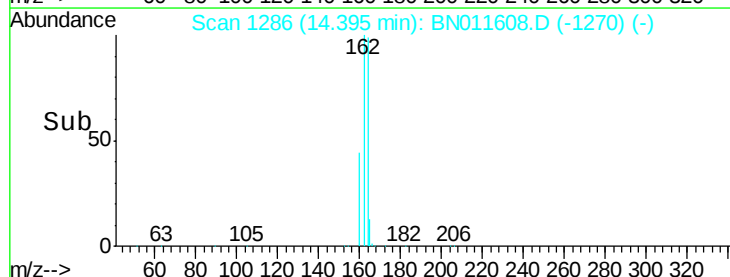
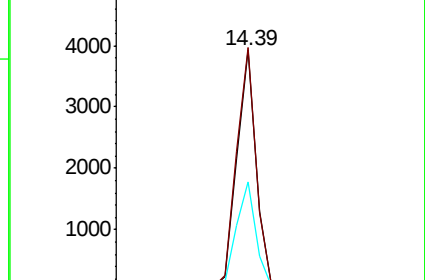
160 45.2 35.6 53.4

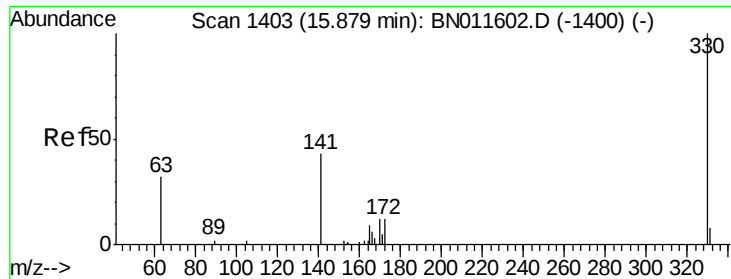


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

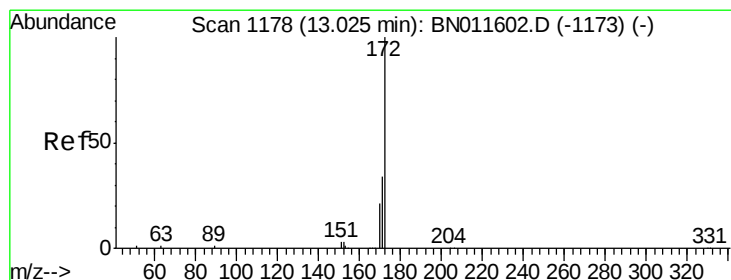
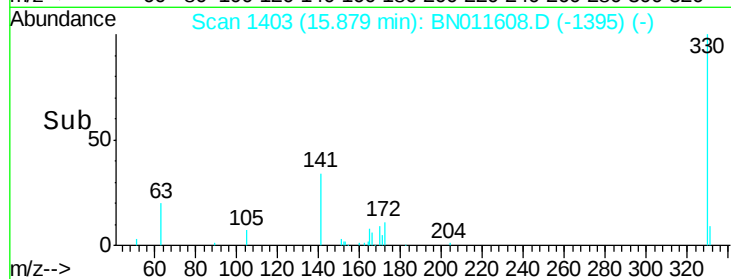
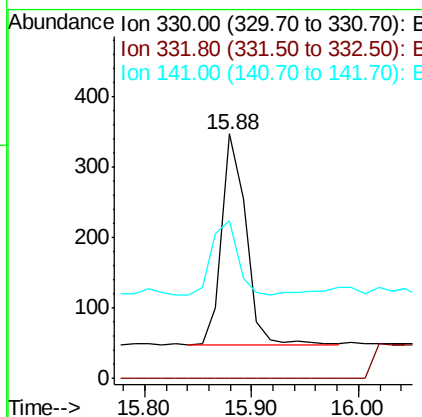
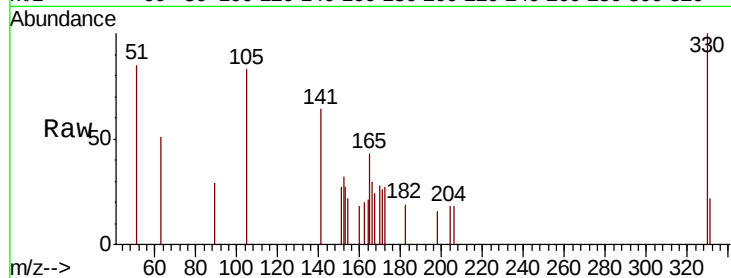




#14
2,4,6-Tribromophenol
Concen: 0.153 ng
RT: 15.88 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BN011608.D
Acq: 24 Aug 2020 22:23

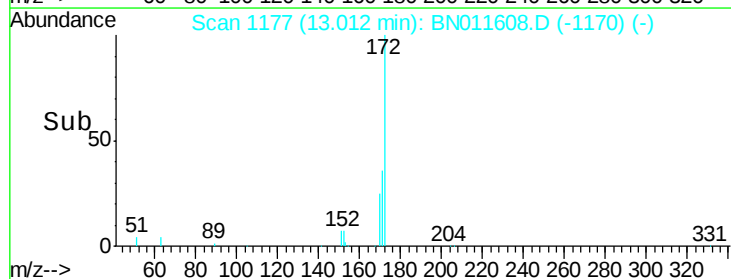
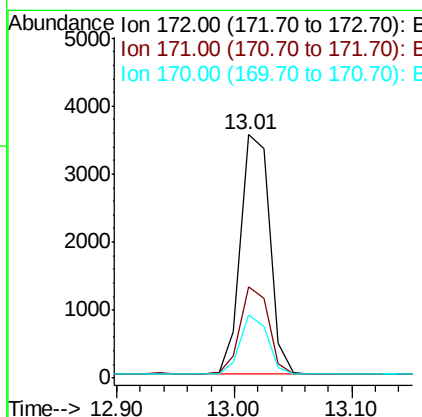
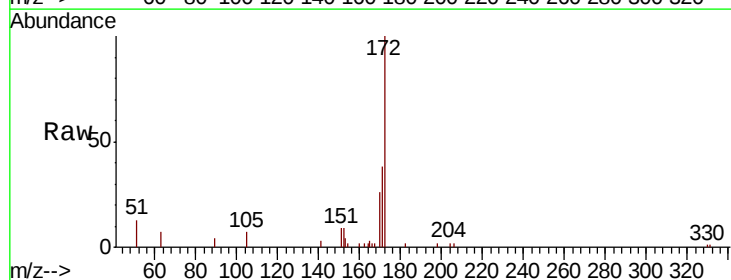
Instrument :
BNA_N
ClientSampleId :
PB131179BL

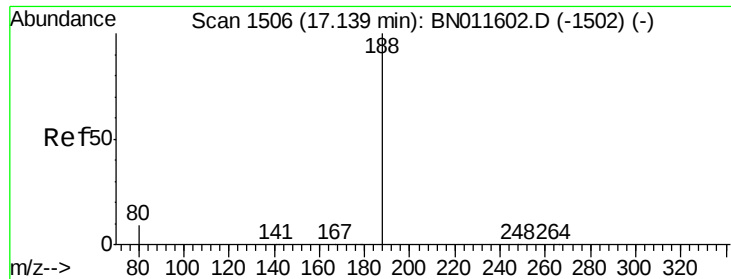
Tot Ion:330 Resp: 479
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.6 29.4 44.2



#15
2-Fluorobiphenyl
Concen: 0.273 ng
RT: 13.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BN011608.D
Acq: 24 Aug 2020 22:23

Tgt Ion:172 Resp: 6061
Ion Ratio Lower Upper
172 100
171 37.6 28.6 42.8
170 26.1 18.2 27.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.14 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BN011608.D

Acq: 24 Aug 2020 22:23

Instrument :

BNA_N

ClientSampleId :

PB131179BL

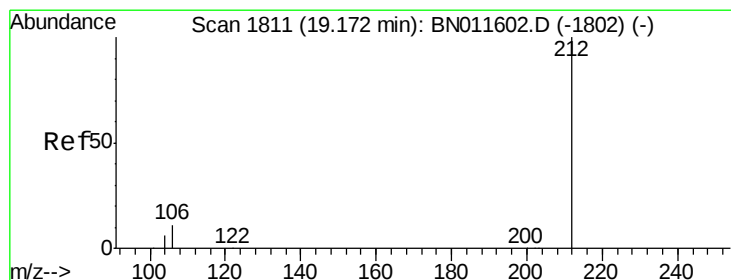
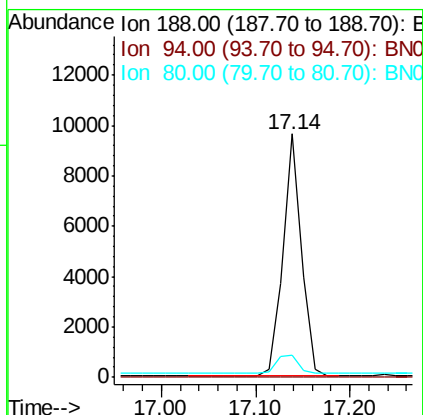
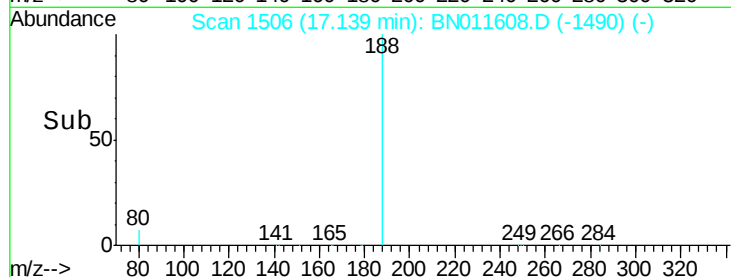
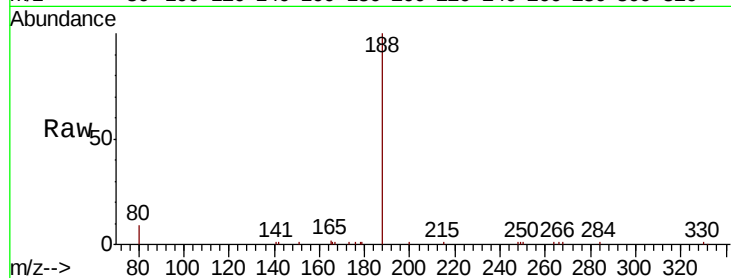
Tot Ion:188 Resp: 12931

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.9 9.2 13.8#



#27

Fluoranthene-d10

Concen: 0.266 ng

RT: 19.17 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BN011608.D

Acq: 24 Aug 2020 22:23

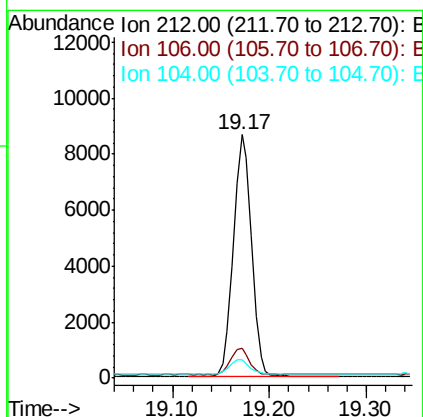
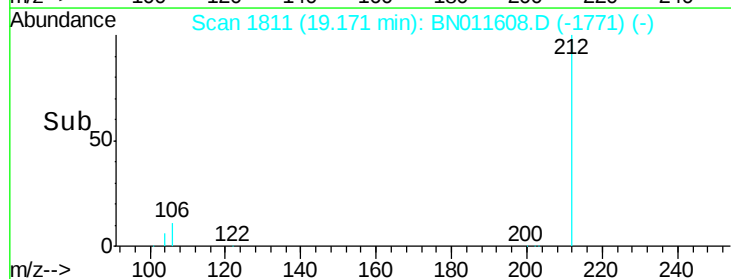
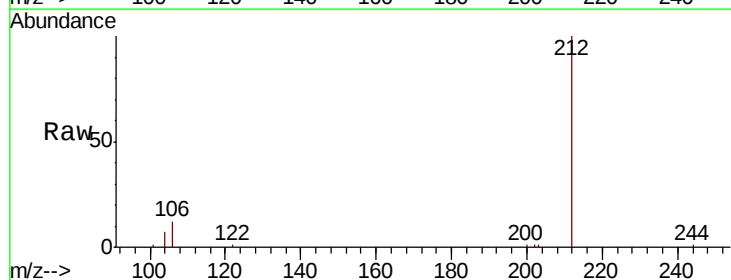
Tgt Ion:212 Resp: 11206

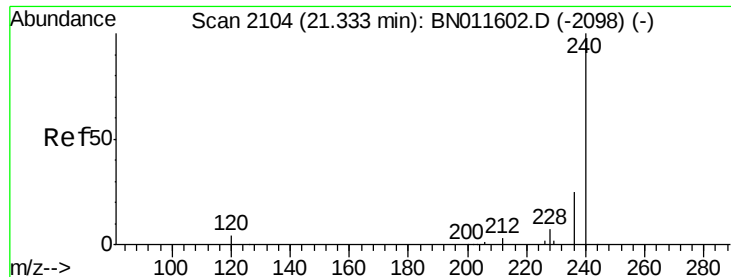
Ion Ratio Lower Upper

212 100

106 11.0 8.9 13.3

104 6.4 5.3 7.9





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.33 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BN011608.D

Acq: 24 Aug 2020 22:23

Instrument :

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ClientSampleId :

PB131179BL

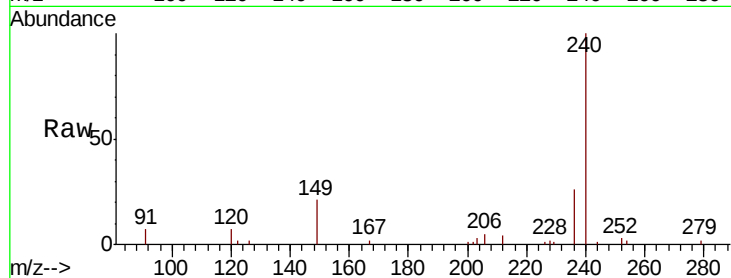
Tot Ion:240 Resp: 13197

Ion Ratio Lower Upper

240 100

120 7.4 6.0 9.0

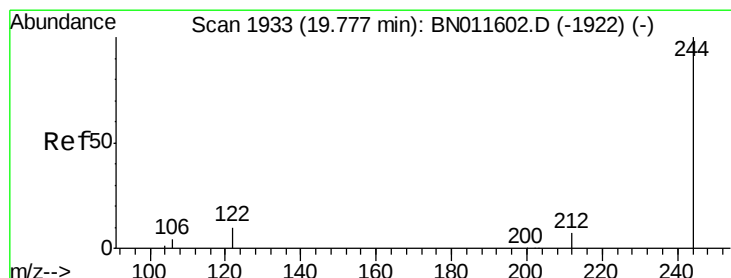
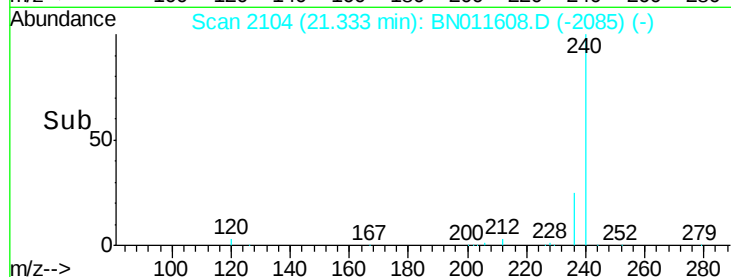
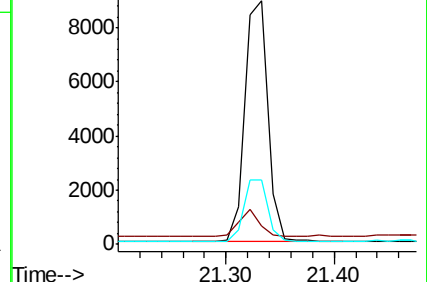
236 26.5 20.8 31.2



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



#31

Terphenyl-d14

Concen: 0.295 ng

RT: 19.78 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BN011608.D

Acq: 24 Aug 2020 22:23

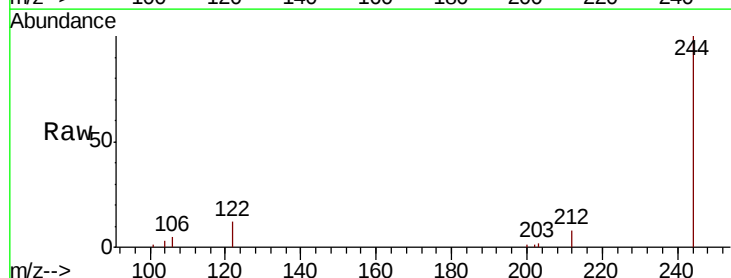
Tgt Ion:244 Resp: 9931

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

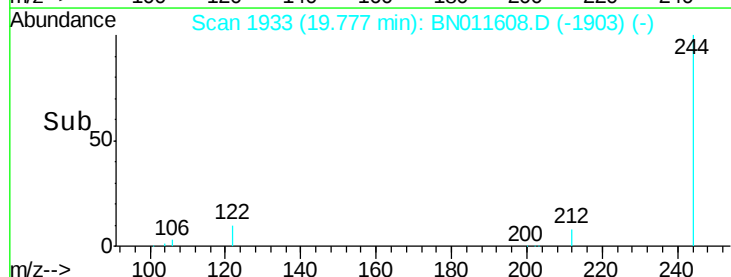
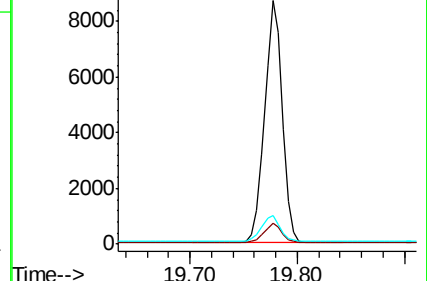
122 11.6 9.5 14.3

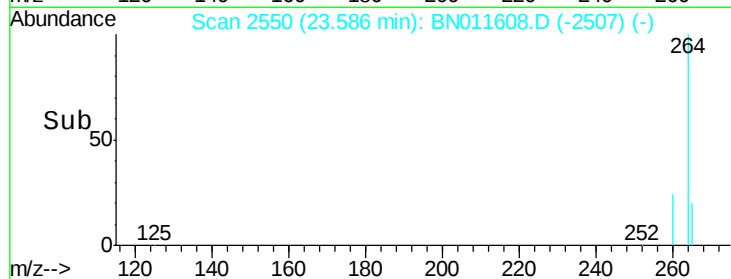
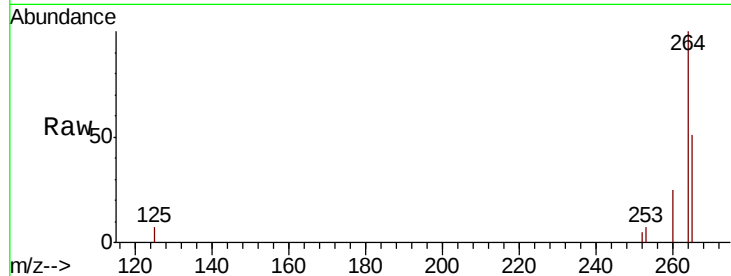
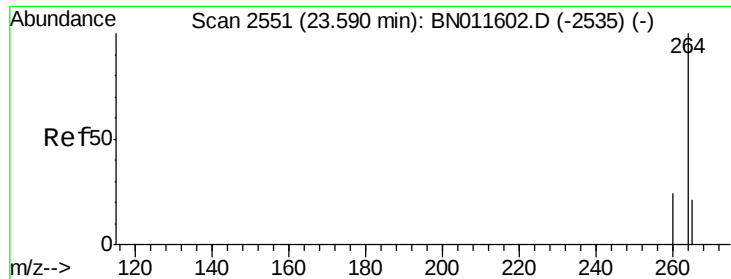


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#36

Pervlene-d12

Concen: 0.400 ng

RT: 23.59 min Scan# 2550

Delta R.T. -0.00 min

Lab File: BN011608.D

Acq: 24 Aug 2020 22:23

Instrument :

BNA_N

ClientSampleId :

PB131179BL

Tot Ion:264 Resp: 14752

Ion Ratio Lower Upper

264 100

260 24.5 19.6 29.4

265 51.1 40.7 61.1

