

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN042120\
 Data File : BN010571.D
 Acq On : 21 Apr 2020 17:57
 Operator : CG/JU
 Sample : L2338-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-HN-MW24I-20200415

Quant Time: Apr 21 18:28:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 21 13:19:17 2020
 Response via : Initial Calibration

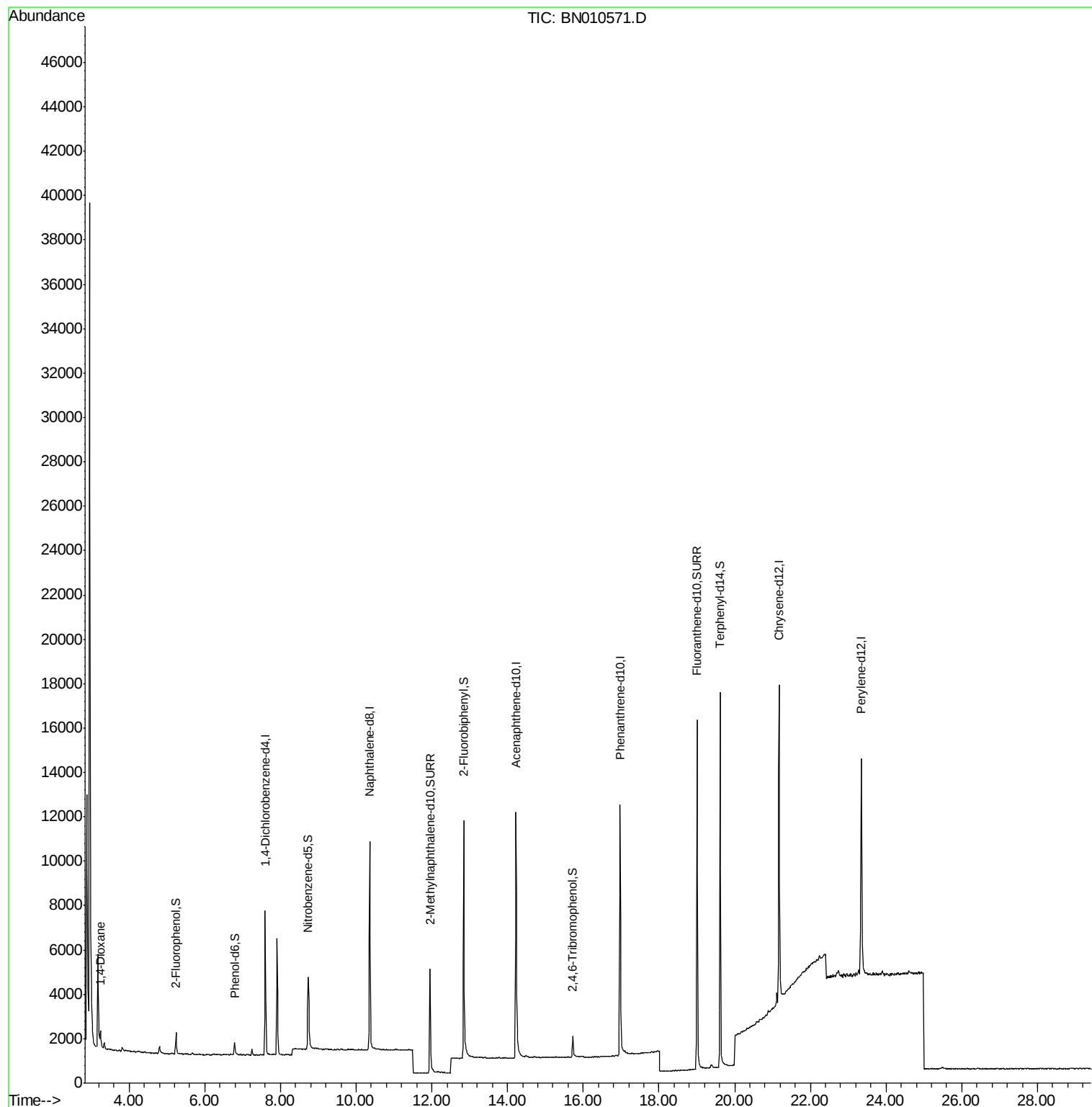
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	3285	0.40	ng	0.00
7) Naphthalene-d8	10.35	136	13420	0.40	ng	0.00
13) Acenaphthene-d10	14.22	164	8035	0.40	ng	0.00
19) Phenanthrene-d10	16.97	188	18816	0.40	ng	0.00
27) Chrysene-d12	21.18	240	15867	0.40	ng	0.00
34) Perylene-d12	23.34	264	14138	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	1062	0.15	ng	0.00
5) Phenol-d6	6.79	99	710	0.08	ng	0.00
8) Nitrobenzene-d5	8.73	82	3507	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	11.95	152	7603	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.72	330	1063	0.28	ng	0.00
15) 2-Fluorobiphenyl	12.84	172	11864	0.41	ng	0.00
25) Fluoranthene-d10	19.01	212	20351	0.36	ng	0.00
29) Terphenyl-d14	19.62	244	18784	0.52	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.24	88	602	0.249	ng	Qvalue # 93

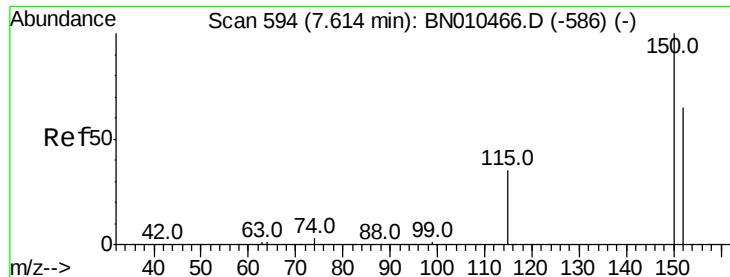
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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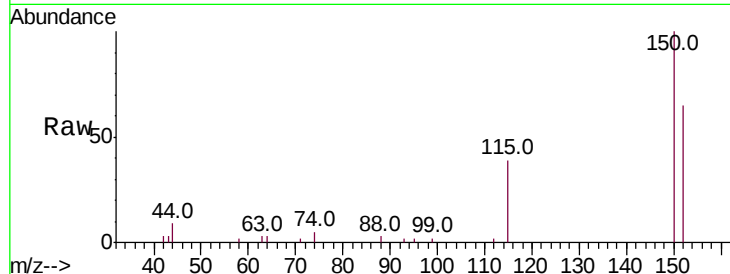


#1

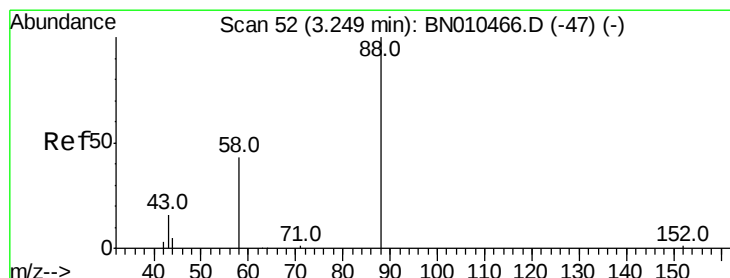
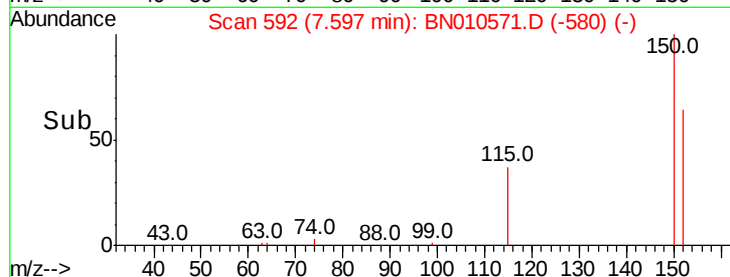
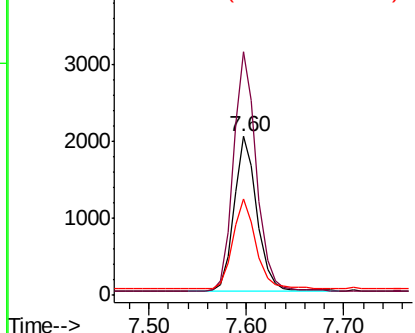
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 592
Delta R.T. 0.00 min
Lab File: BN010571.D
Acq: 21 Apr 2020 17:57

Instrument :
BNA_N
ClientSampleId :
BP-HN-MW24I-20200415

Tot Ion:152 Resp: 3285
Ion Ratio Lower Upper
152 100
150 153.1 121.8 182.6
115 60.3 45.5 68.3



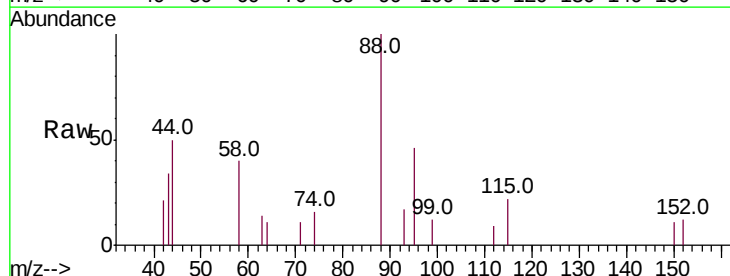
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



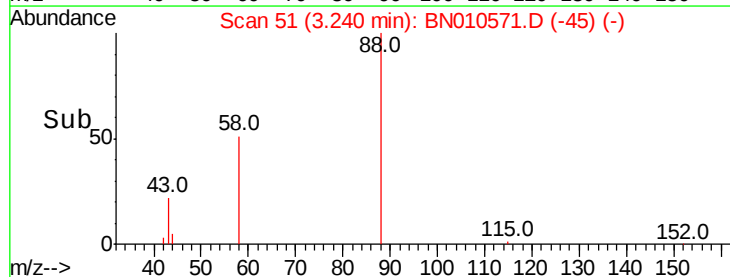
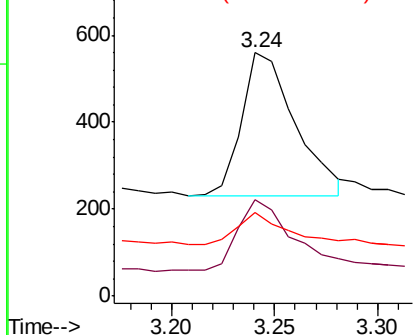
#2

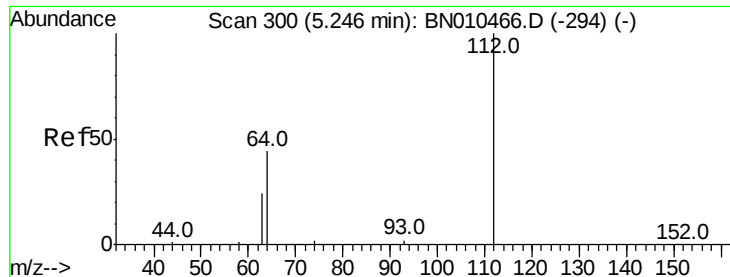
1,4-Dioxane
Concen: 0.249 ng
RT: 3.24 min Scan# 51
Delta R.T. 0.00 min
Lab File: BN010571.D
Acq: 21 Apr 2020 17:57

Tgt Ion: 88 Resp: 602
Ion Ratio Lower Upper
88 100
58 50.0 36.5 54.7
43 20.3 13.2 19.8#



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: 0.148 ng

RT: 5.24 min Scan# 299

Delta R.T. 0.00 min

Lab File: BN010571.D

Acq: 21 Apr 2020 17:57

Instrument :

BNA_N

ClientSampleId :

BP-HN-MW24I-20200415

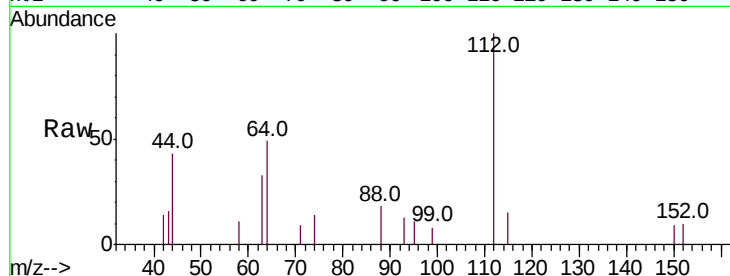
Tot Ion: 112 Resp: 1062

Ion Ratio Lower Upper

112 100

64 44.2 35.8 53.8

63 23.1 19.9 29.9



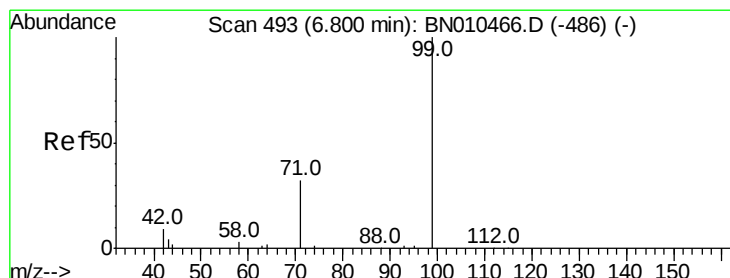
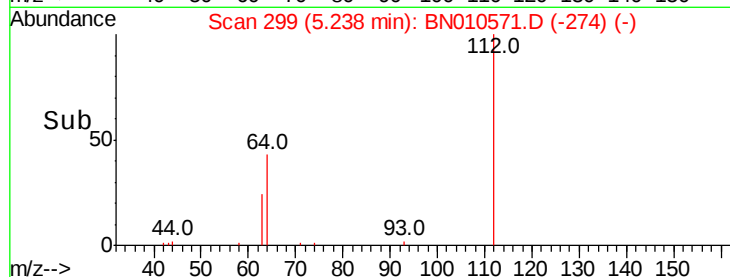
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0

5.24

Time-->



#5

Phenol-d6

Concen: 0.076 ng

RT: 6.79 min Scan# 492

Delta R.T. 0.01 min

Lab File: BN010571.D

Acq: 21 Apr 2020 17:57

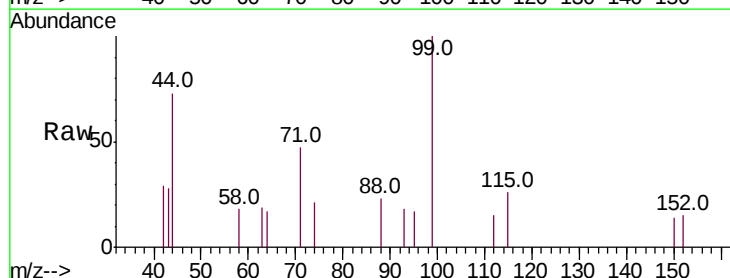
Tgt Ion: 99 Resp: 710

Ion Ratio Lower Upper

99 100

42 11.7 9.8 14.6

71 39.3 27.8 41.8



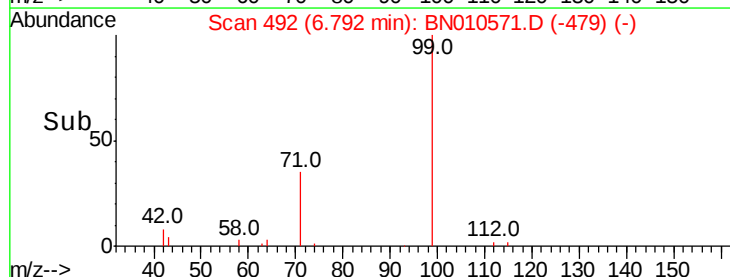
Abundance Ion 99.00 (98.70 to 99.70): BN0

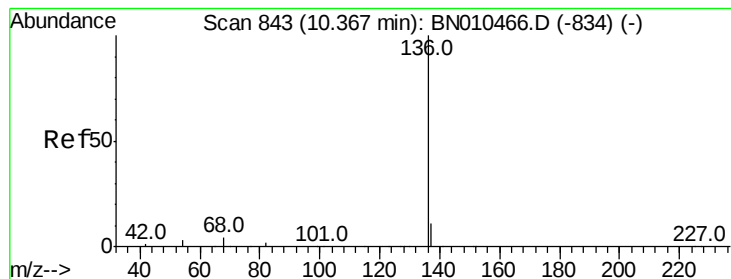
Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0

6.79

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.35 min Scan# 842

Delta R.T. 0.00 min

Lab File: BN010571.D

Acq: 21 Apr 2020 17:57

Instrument :

BNA_N

ClientSampleId :

BP-HN-MW24I-20200415

Tot Ion:136 Resp: 13420

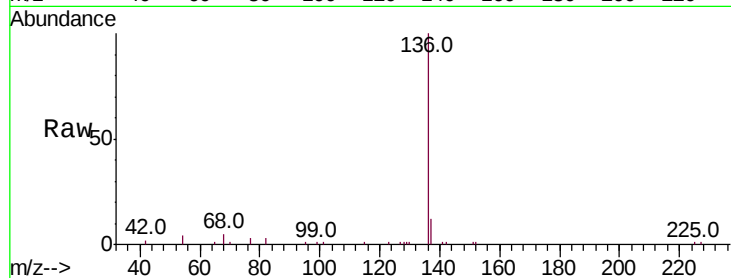
Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 4.1 2.6 4.0#

68 4.9 3.4 5.2

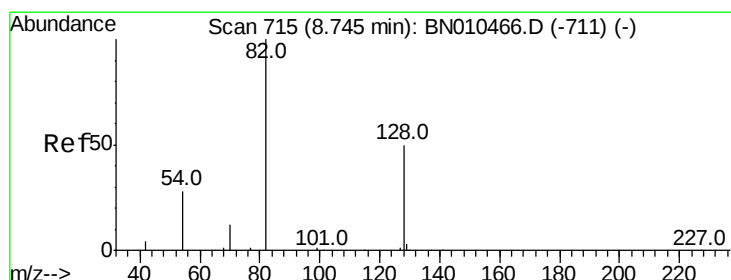
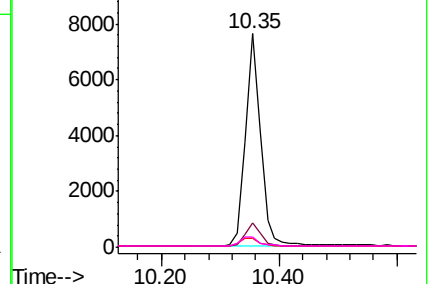
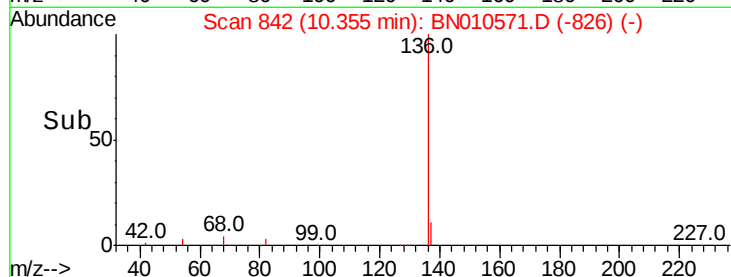


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.374 ng

RT: 8.73 min Scan# 714

Delta R.T. 0.00 min

Lab File: BN010571.D

Acq: 21 Apr 2020 17:57

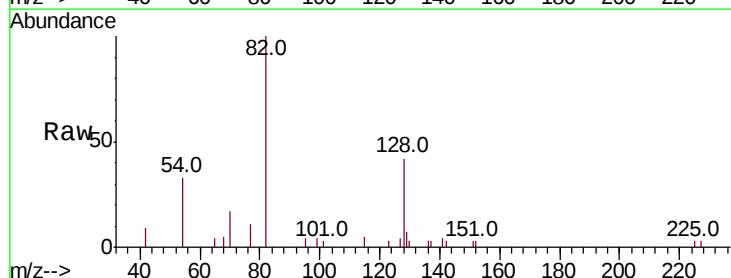
Tgt Ion: 82 Resp: 3507

Ion Ratio Lower Upper

82 100

128 42.2 41.3 61.9

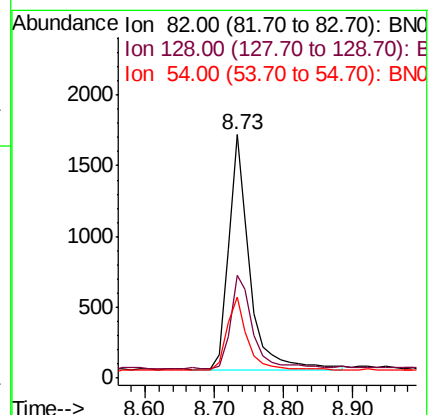
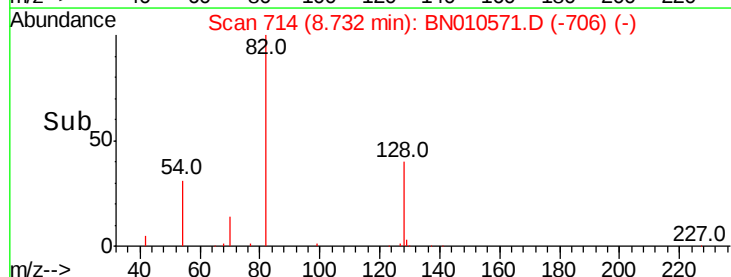
54 33.2 23.4 35.0

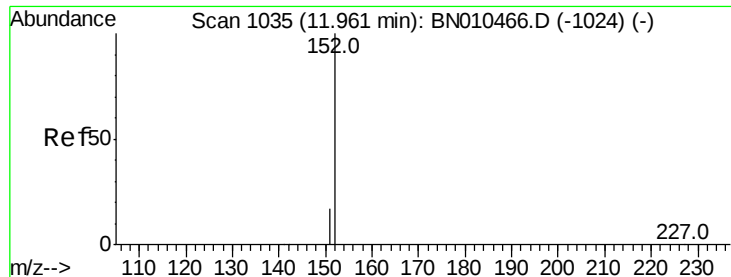


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

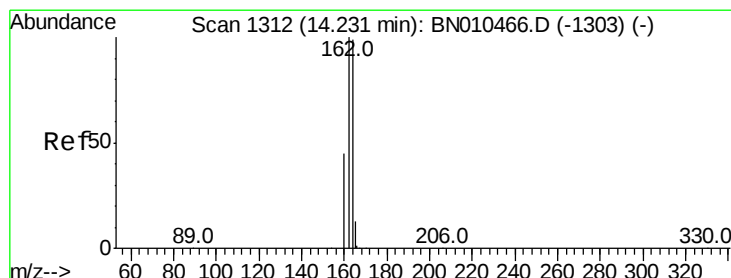
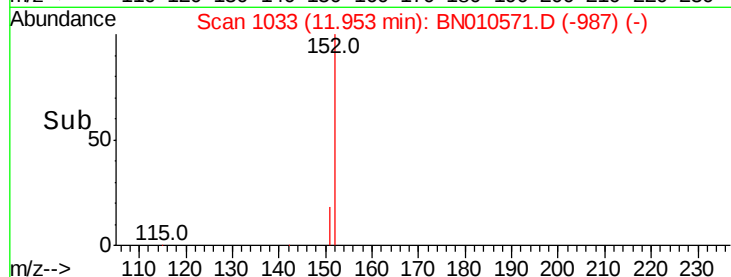
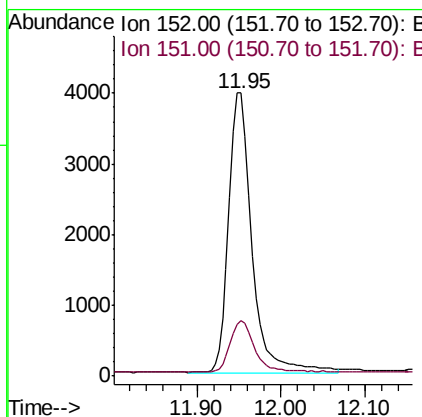
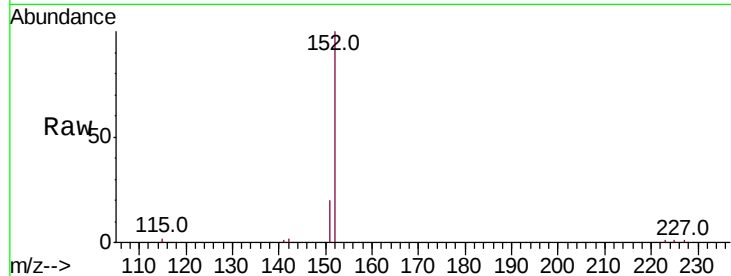




#11
2-Methylnaphthalene-d10
Concen: 0.345 ng
RT: 11.95 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BN010571.D
Acq: 21 Apr 2020 17:57

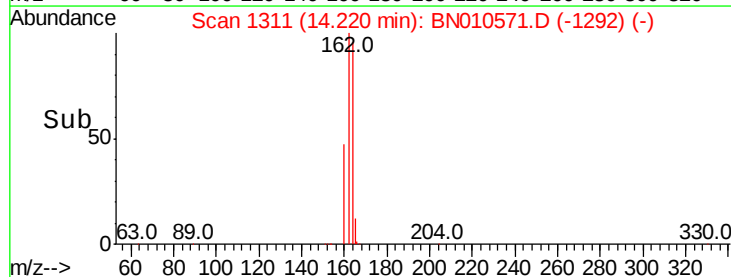
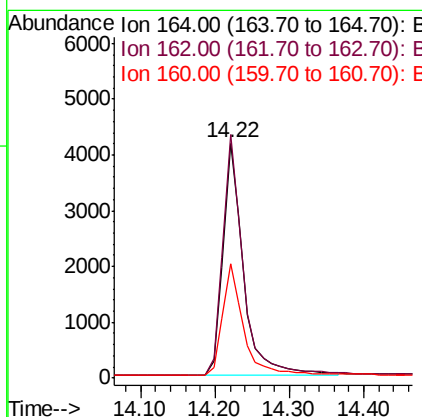
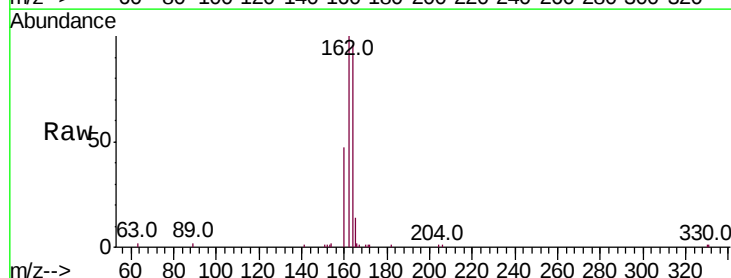
Instrument :
BNA_N
ClientSampleId :
BP-HN-MW24I-20200415

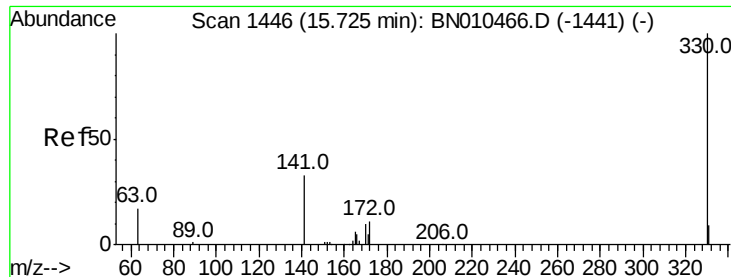
Tot Ion:152 Resp: 7603
Ion Ratio Lower Upper
152 100
151 19.4 15.3 22.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.22 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BN010571.D
Acq: 21 Apr 2020 17:57

Tgt Ion:164 Resp: 8035
Ion Ratio Lower Upper
164 100
162 103.7 80.6 121.0
160 48.9 36.5 54.7

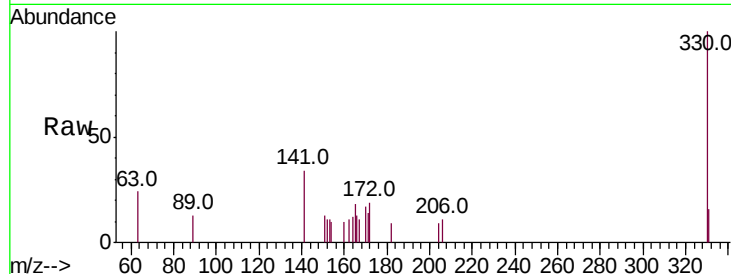




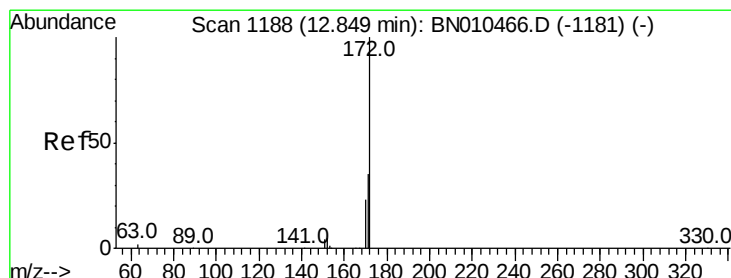
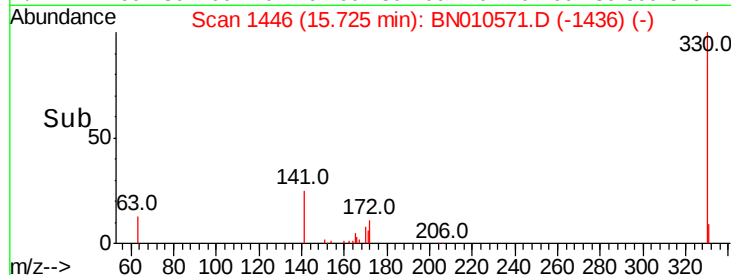
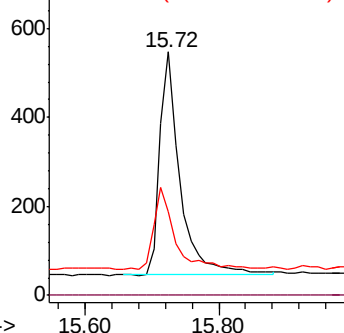
#14
 2,4,6-Tribromophenol
 Concen: 0.281 ng
 RT: 15.72 min Scan# 1446
 Delta R.T. 0.01 min
 Lab File: BN010571.D
 Acq: 21 Apr 2020 17:57

Instrument :
 BNA_N
 ClientSampleId :
 BP-HN-MW24I-20200415

Tot Ion:330 Resp: 1063
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 38.5 28.1 42.1

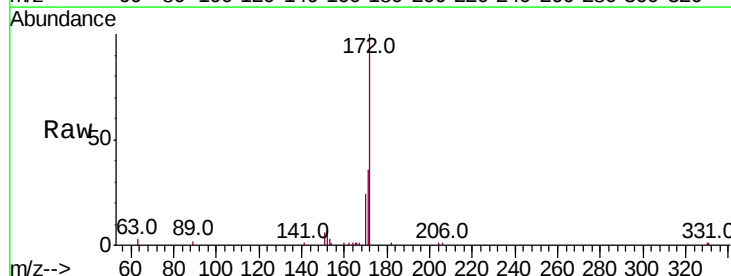


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

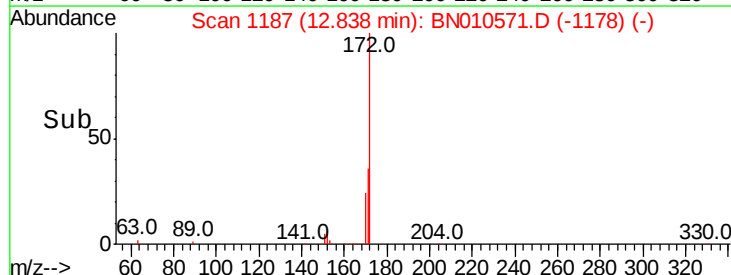
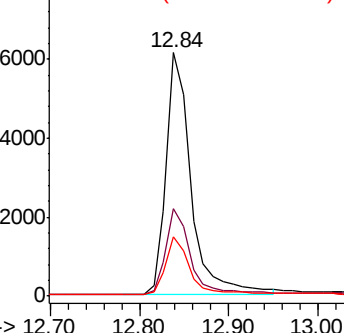


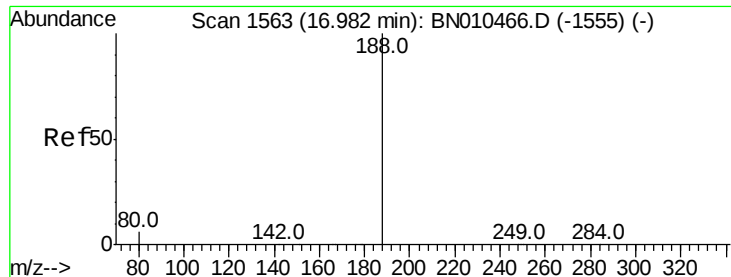
#15
 2-Fluorobiphenyl
 Concen: 0.406 ng
 RT: 12.84 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BN010571.D
 Acq: 21 Apr 2020 17:57

Tgt Ion:172 Resp: 11864
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.2 42.2
 170 24.2 18.4 27.6



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: 16.97 min Scan# 1562

Delta R.T. 0.01 min

Lab File: BN010571.D

Acq: 21 Apr 2020 17:57

Instrument :

BNA_N

ClientSampleId :

BP-HN-MW24I-20200415

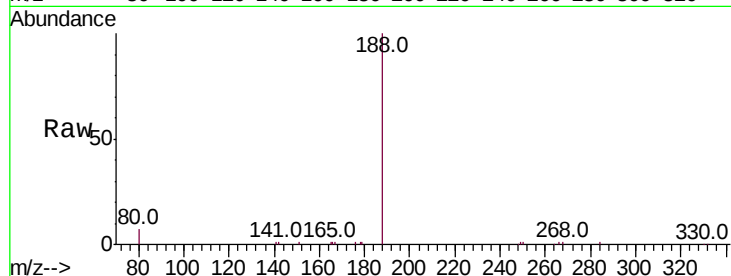
Tot Ion:188 Resp: 18816

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

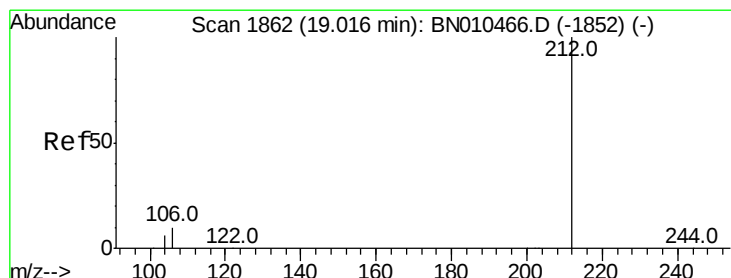
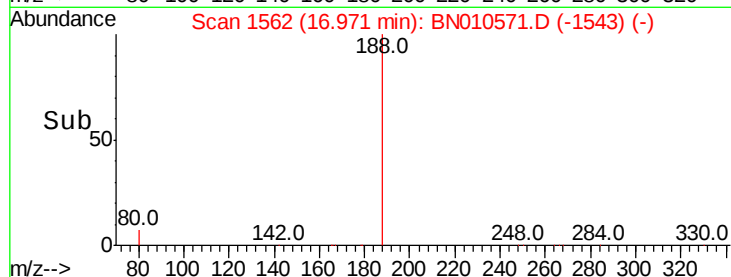
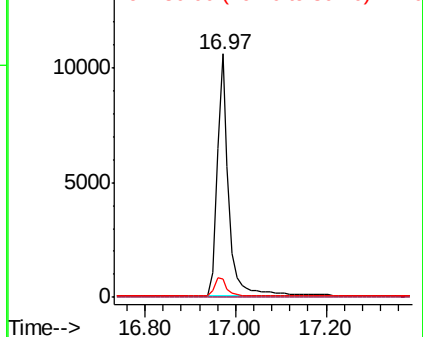
80 7.3 5.0 7.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#25

Fluoranthene-d10

Concen: 0.357 ng

RT: 19.01 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BN010571.D

Acq: 21 Apr 2020 17:57

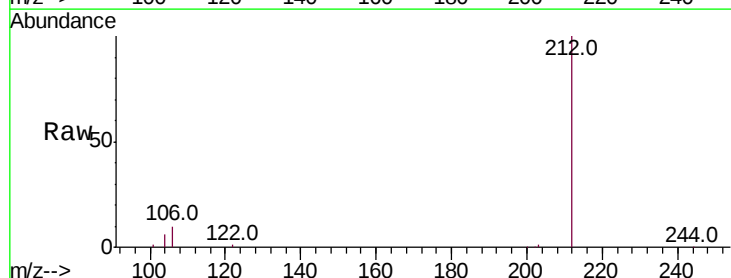
Tgt Ion:212 Resp: 20351

Ion Ratio Lower Upper

212 100

106 9.7 7.8 11.6

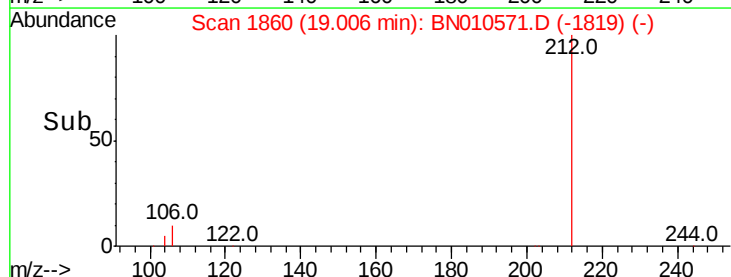
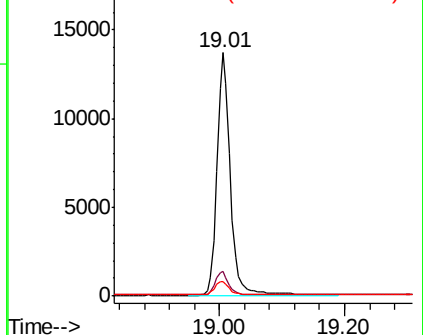
104 5.5 4.5 6.7

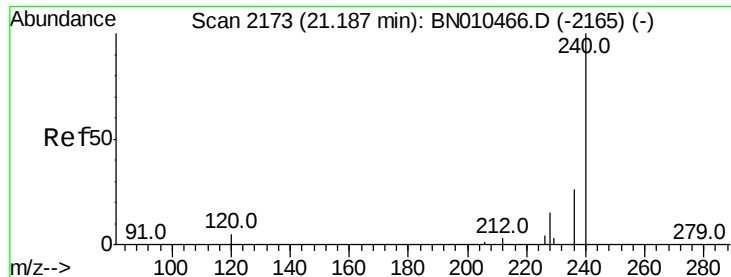


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.18 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BN010571.D

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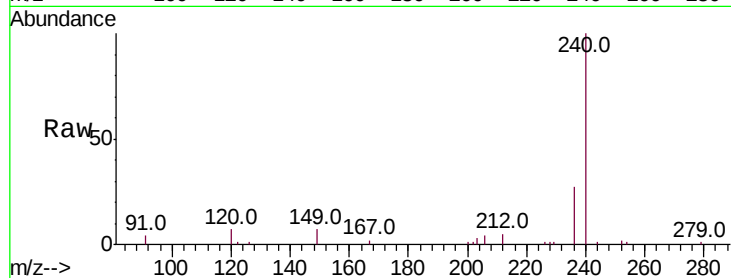
Tot Ion:240 Resp: 15867

Ion Ratio Lower Upper

240 100

120 7.5 4.8 7.2#

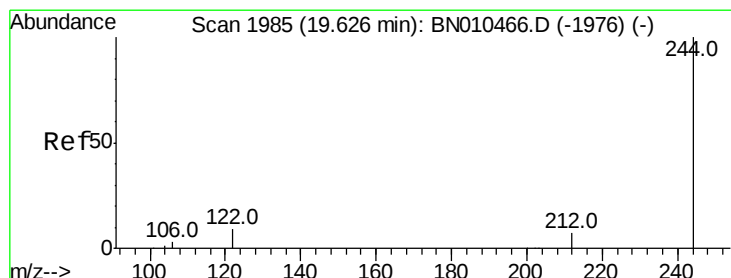
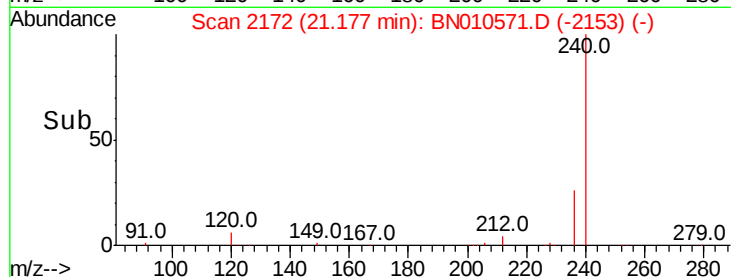
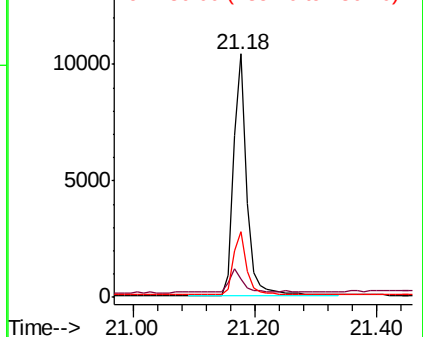
236 26.9 21.4 32.0



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: 0.517 ng

RT: 19.62 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BN010571.D

Acq: 21 Apr 2020 17:57

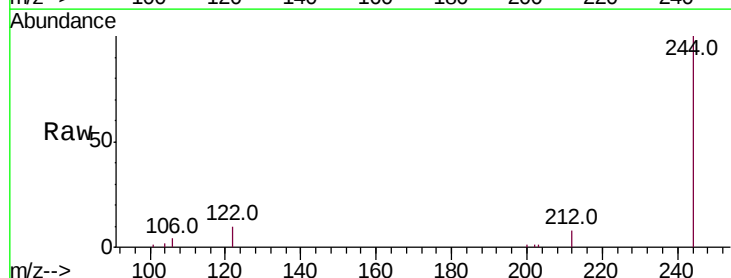
Tgt Ion:244 Resp: 18784

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.4

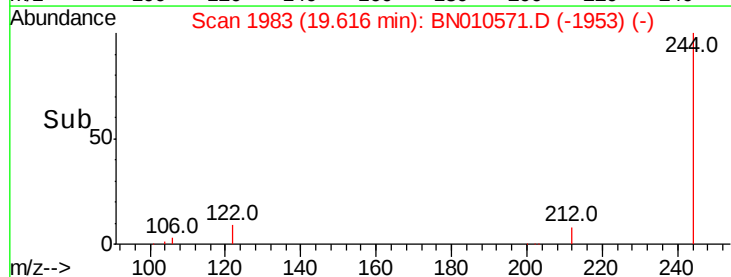
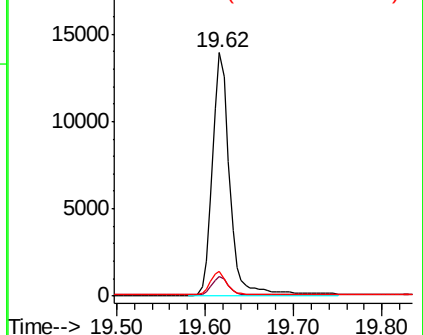
122 9.9 7.8 11.8

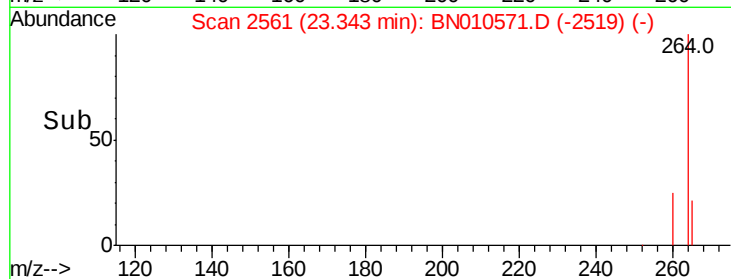
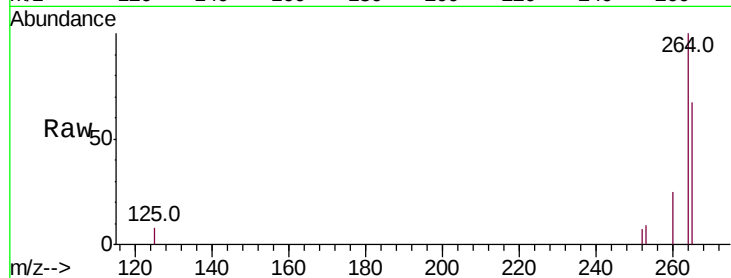
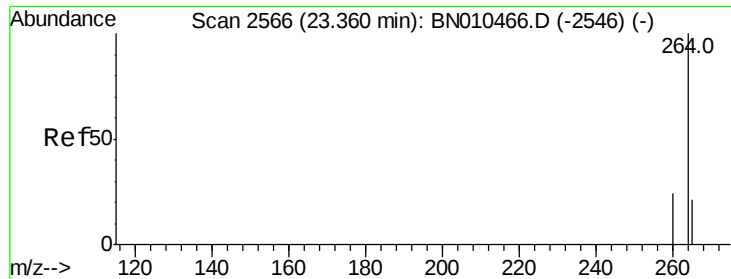


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.34 min Scan# 2561

Delta R.T. -0.00 min

Lab File: BN010571.D

Acq: 21 Apr 2020 17:57

Instrument :

BNA_N

ClientSampleId :

BP-HN-MW24I-20200415

Tot Ion:264 Resp: 14138

Ion Ratio Lower Upper

264 100

260 25.3 19.8 29.8

265 66.7 42.3 63.5#

