

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN042120\
 Data File : BN010570.D
 Acq On : 21 Apr 2020 17:21
 Operator : CG/JU
 Sample : L2338-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-MW202I-20200415

Quant Time: Apr 21 17:53:04 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

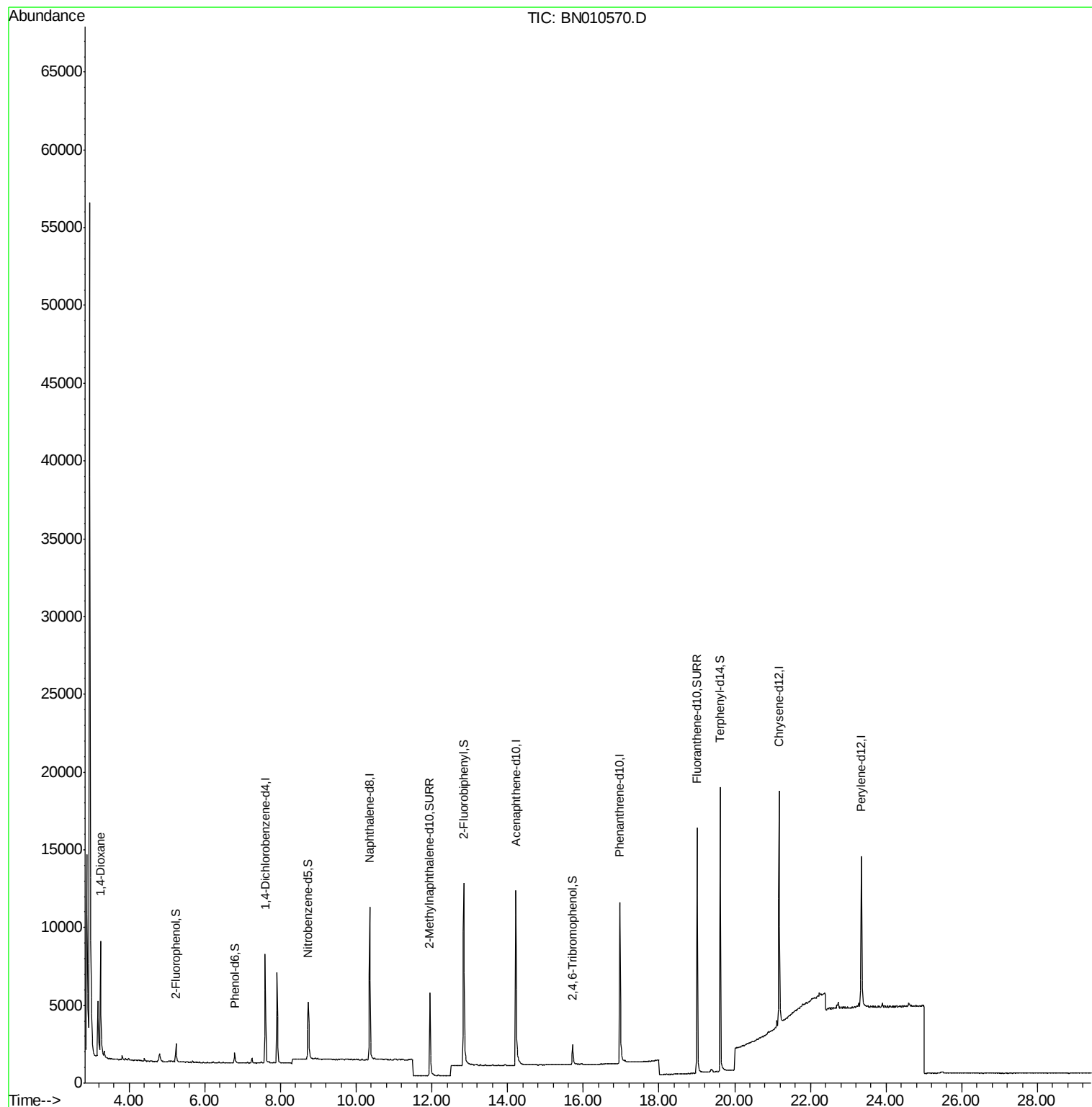
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	3510	0.40	ng	0.00
7) Naphthalene-d8	10.35	136	14046	0.40	ng	0.00
13) Acenaphthene-d10	14.22	164	8416	0.40	ng	0.01
19) Phenanthrene-d10	16.96	188	19059	0.40	ng	0.00
27) Chrysene-d12	21.17	240	15239	0.40	ng	0.00
34) Perylene-d12	23.34	264	13670	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	1205	0.16	ng	0.00
5) Phenol-d6	6.79	99	887	0.09	ng	0.00
8) Nitrobenzene-d5	8.73	82	3781	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	11.95	152	8397	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.72	330	1285	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.84	172	12917	0.42	ng	0.00
25) Fluoranthene-d10	19.01	212	20446	0.35	ng	0.00
29) Terphenyl-d14	19.62	244	20623	0.59	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.24	88	7238	2.801	ng	Qvalue 96

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

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
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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: BN010570.D

Acq: 21 Apr 2020 17:21

Instrument :

BNA_N

ClientSampleId :

BP-MW202I-20200415

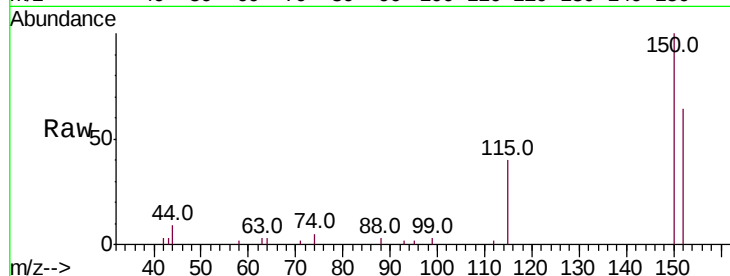
Tot Ion:152 Resp: 3510

Ion Ratio Lower Upper

152 100

150 155.2 121.8 182.6

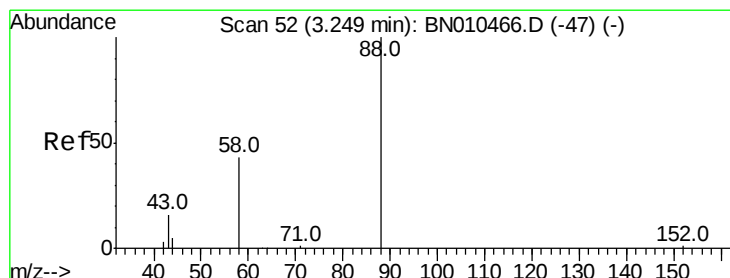
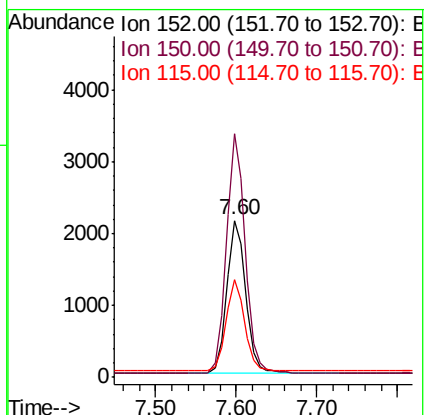
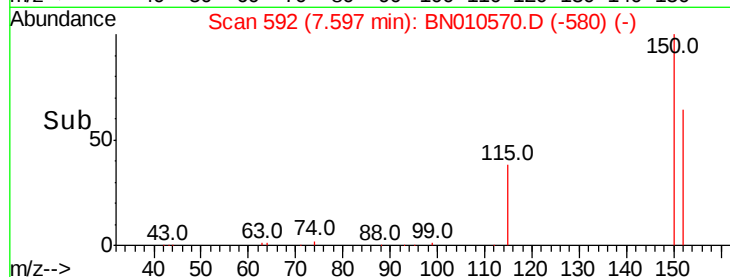
115 61.9 45.5 68.3



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: 2.801 ng

RT: 3.24 min Scan# 51

Delta R.T. 0.00 min

Lab File: BN010570.D

Acq: 21 Apr 2020 17:21

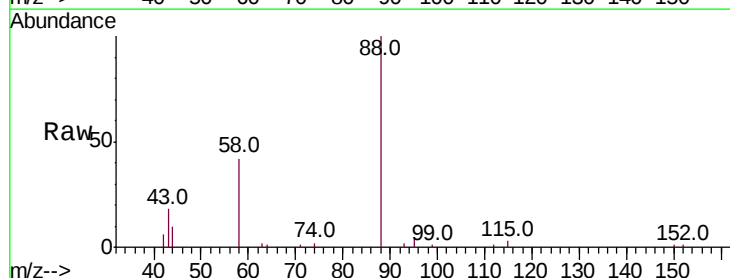
Tgt Ion: 88 Resp: 7238

Ion Ratio Lower Upper

88 100

58 48.1 36.5 54.7

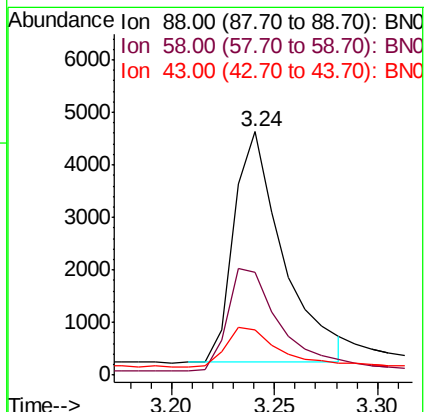
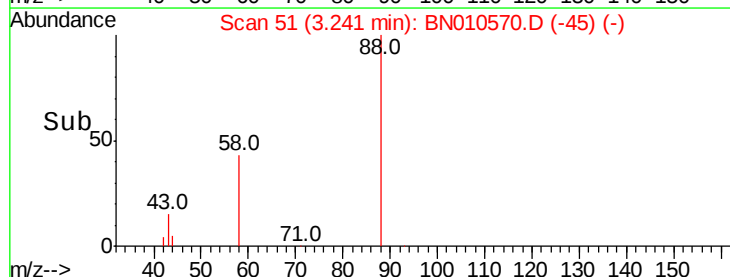
43 18.0 13.2 19.8

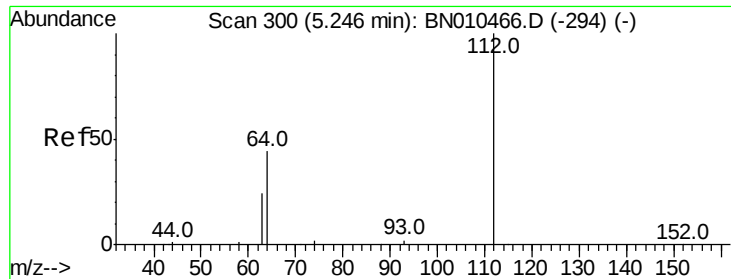


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.157 ng

RT: 5.24 min Scan# 299

Delta R.T. 0.00 min

Lab File: BN010570.D

Acq: 21 Apr 2020 17:21

Instrument :

BNA_N

ClientSampleId :

BP-MW202I-20200415

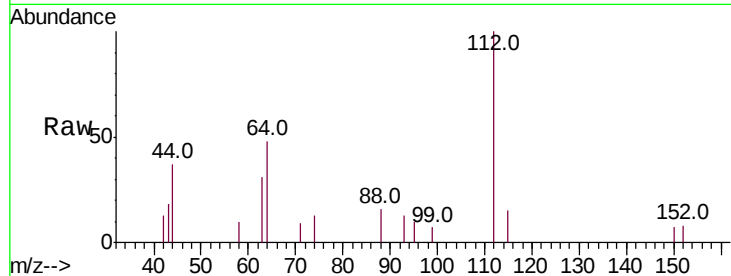
Tot Ion:112 Resp: 1205

Ion Ratio Lower Upper

112 100

64 48.8 35.8 53.8

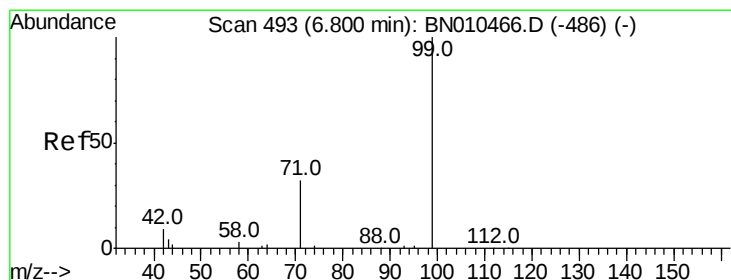
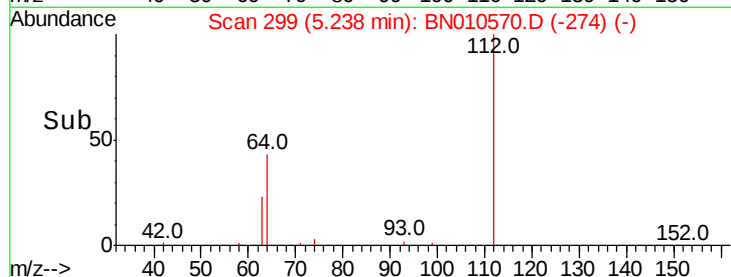
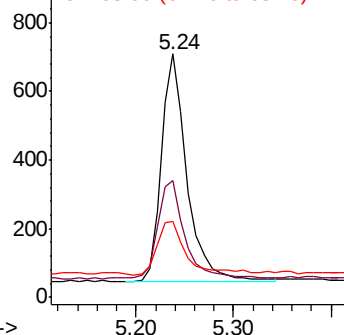
63 25.6 19.9 29.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.088 ng

RT: 6.79 min Scan# 492

Delta R.T. 0.01 min

Lab File: BN010570.D

Acq: 21 Apr 2020 17:21

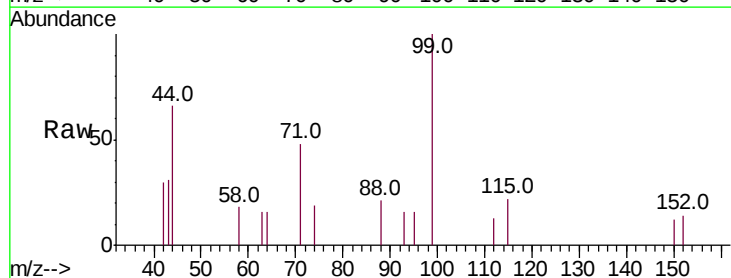
Tgt Ion: 99 Resp: 887

Ion Ratio Lower Upper

99 100

42 14.3 9.8 14.6

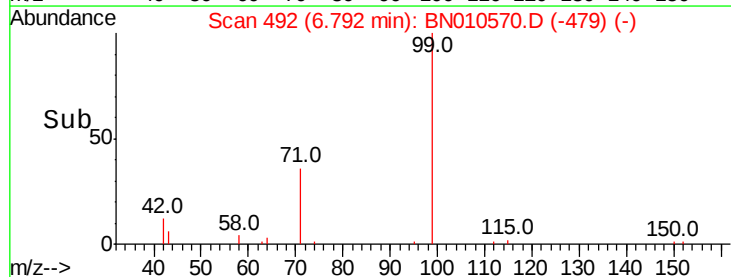
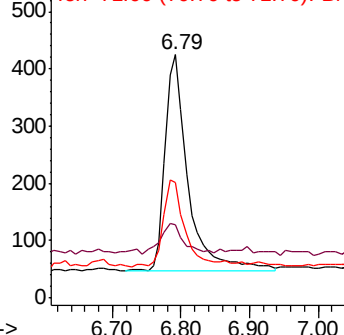
71 36.3 27.8 41.8

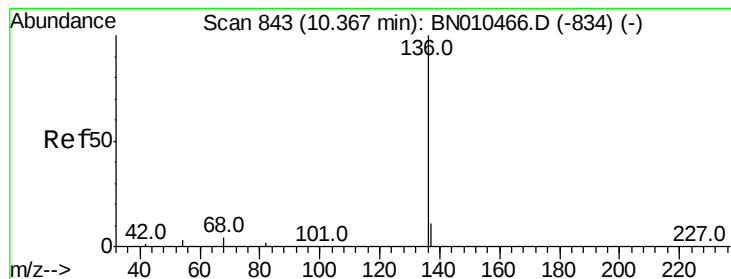


Abundance Ion 99.00 (98.70 to 99.70): BNC

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: 10.35 min Scan# 842

Delta R.T. 0.00 min

Lab File: BN010570.D

Acq: 21 Apr 2020 17:21

Instrument :

BNA_N

ClientSampleId :

BP-MW202I-20200415

Tot Ion:136 Resp: 14046

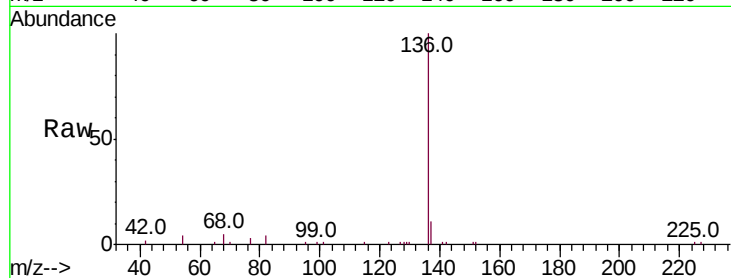
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 4.0 2.6 4.0#

68 4.9 3.4 5.2

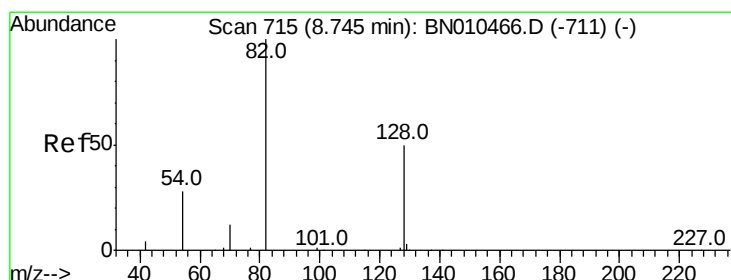
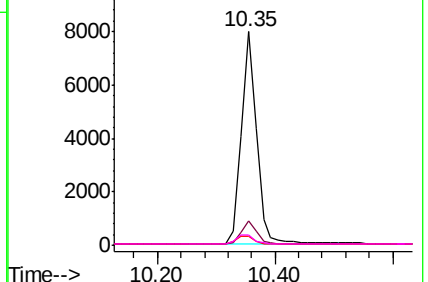
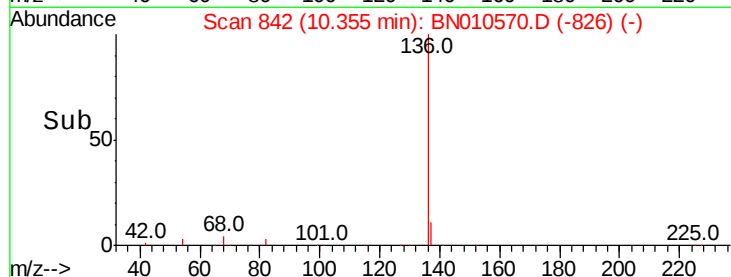


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.385 ng

RT: 8.73 min Scan# 714

Delta R.T. 0.00 min

Lab File: BN010570.D

Acq: 21 Apr 2020 17:21

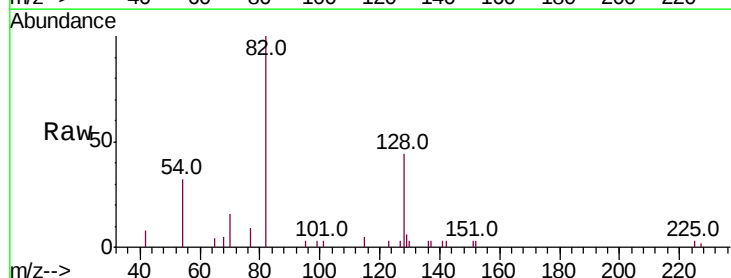
Tgt Ion: 82 Resp: 3781

Ion Ratio Lower Upper

82 100

128 44.3 41.3 61.9

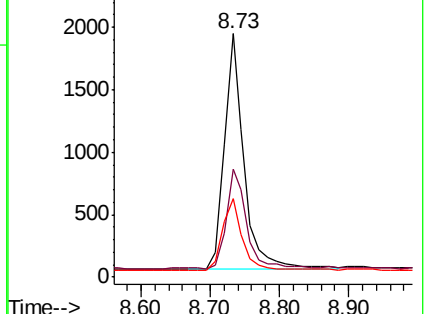
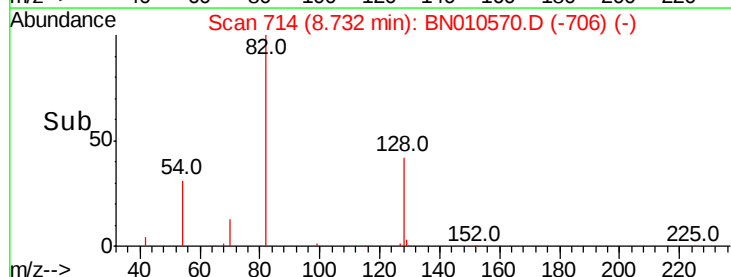
54 32.4 23.4 35.0

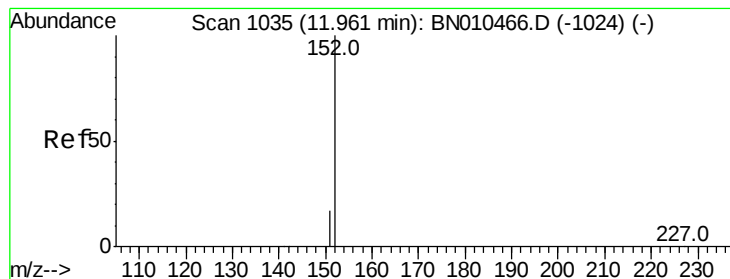


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#11

2-Methylnaphthalene-d10

Concen: 0.364 ng

RT: 11.95 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BN010570.D

Acq: 21 Apr 2020 17:21

Instrument :

BNA_N

ClientSampleId :

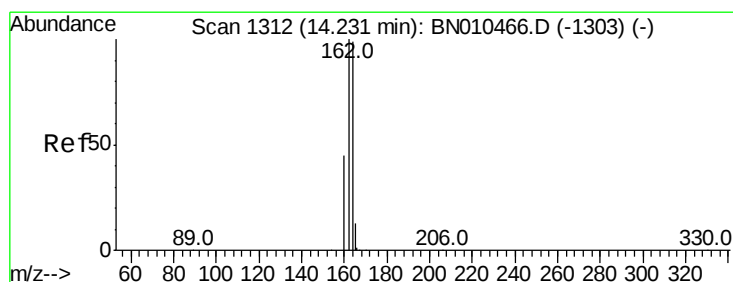
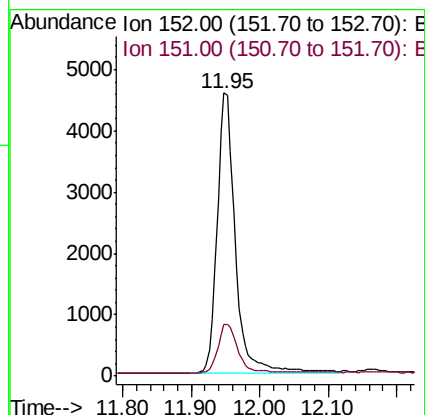
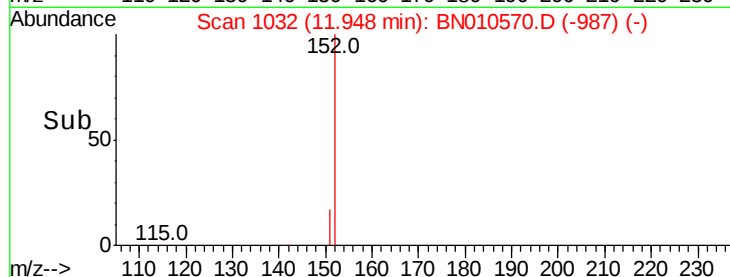
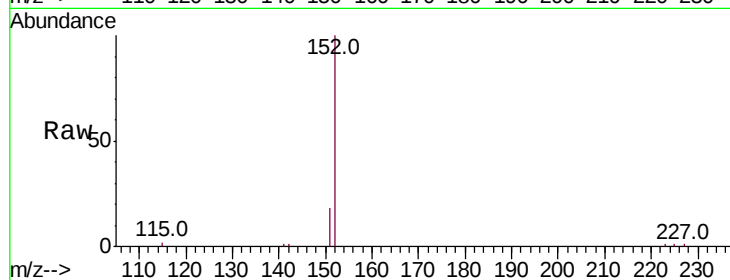
BP-MW202I-20200415

Tot Ion:152 Resp: 8397

Ion Ratio Lower Upper

152 100

151 19.1 15.3 22.9



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.22 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BN010570.D

Acq: 21 Apr 2020 17:21

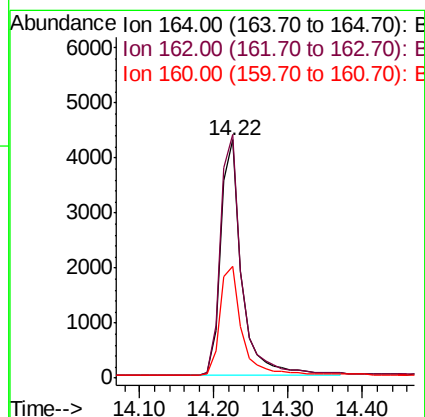
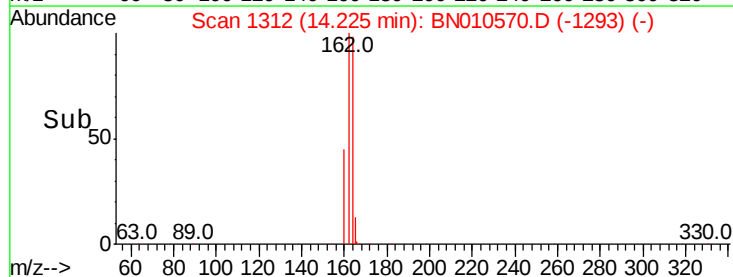
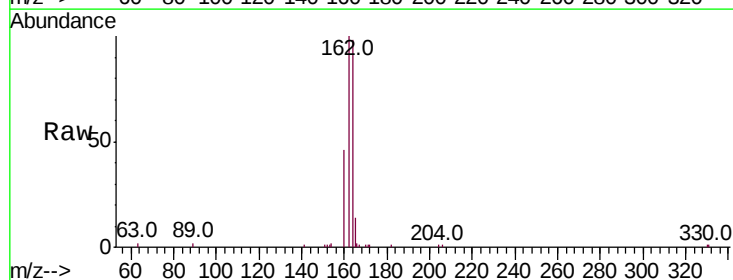
Tgt Ion:164 Resp: 8416

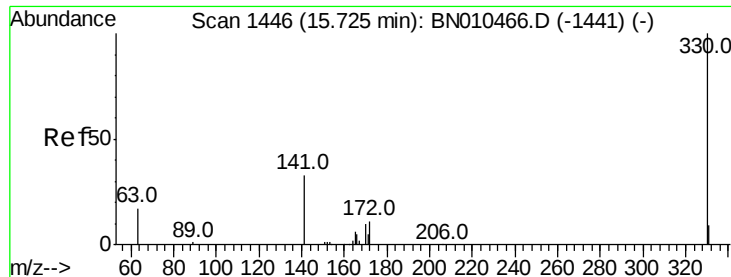
Ion Ratio Lower Upper

164 100

162 102.2 80.6 121.0

160 46.9 36.5 54.7

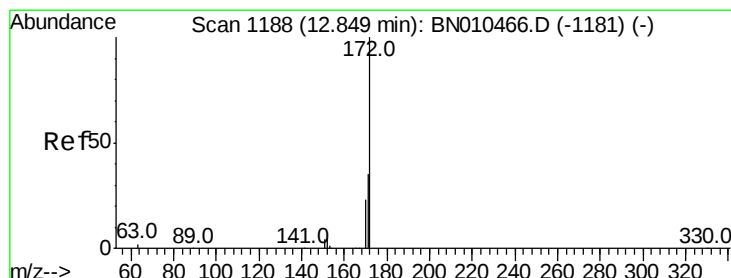
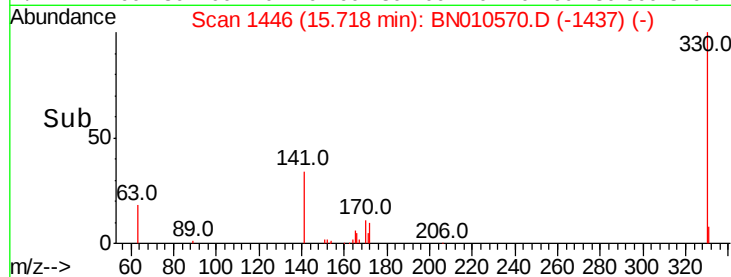
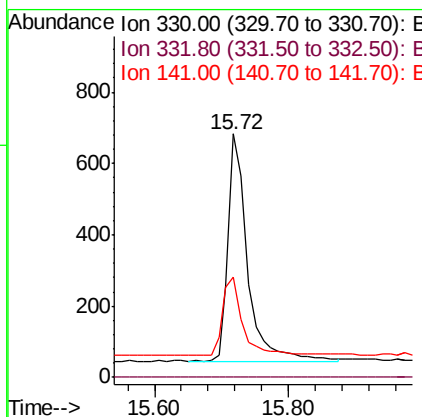
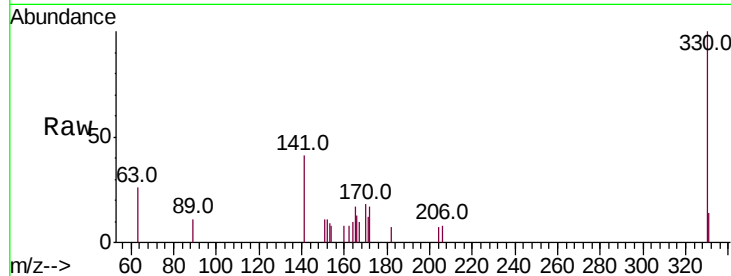




#14
 2,4,6-Tribromophenol
 Concen: 0.324 ng
 RT: 15.72 min Scan# 1446
 Delta R.T. 0.00 min
 Lab File: BN010570.D
 Acq: 21 Apr 2020 17:21

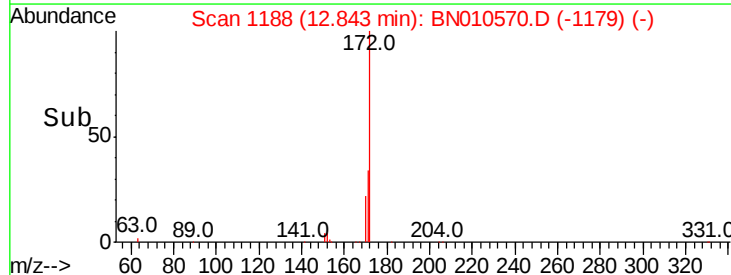
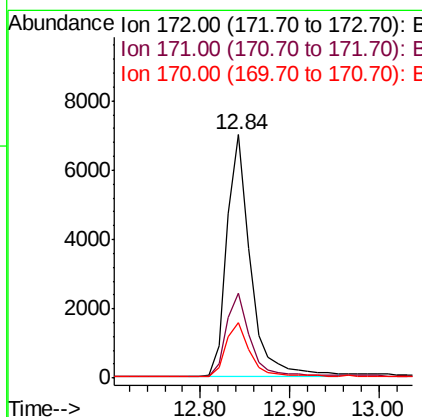
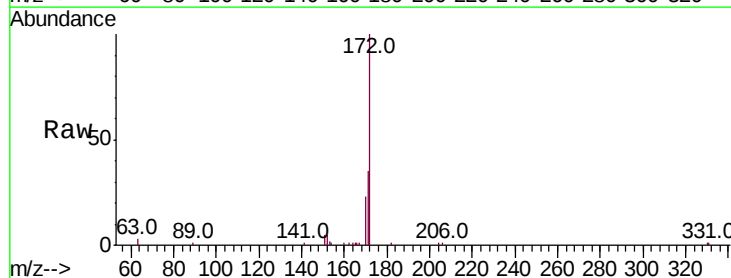
Instrument :
 BNA_N
 ClientSampleId :
 BP-MW202I-20200415

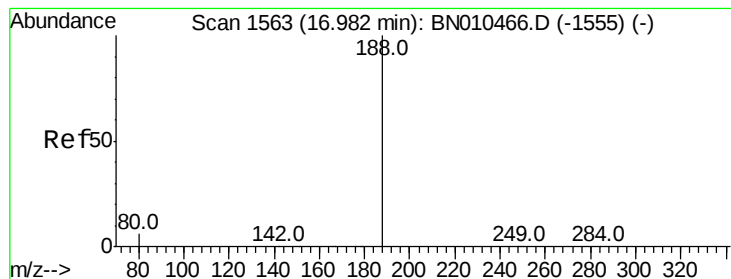
Tot Ion:330 Resp: 1285
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 35.8 28.1 42.1



#15
 2-Fluorobiphenyl
 Concen: 0.422 ng
 RT: 12.84 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BN010570.D
 Acq: 21 Apr 2020 17:21

Tgt Ion:172 Resp: 12917
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.2 42.2
 170 23.0 18.4 27.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.96 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BN010570.D

Acq: 21 Apr 2020 17:21

Instrument :

BNA_N

ClientSampleId :

BP-MW202I-20200415

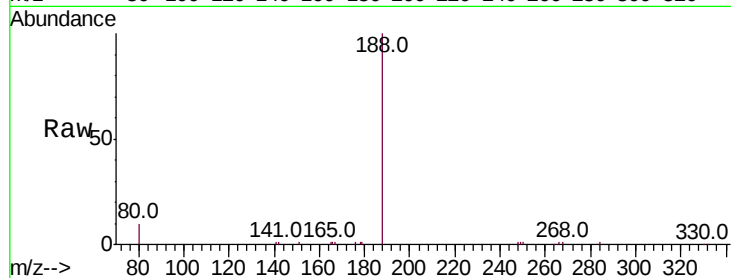
Tot Ion:188 Resp: 19059

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

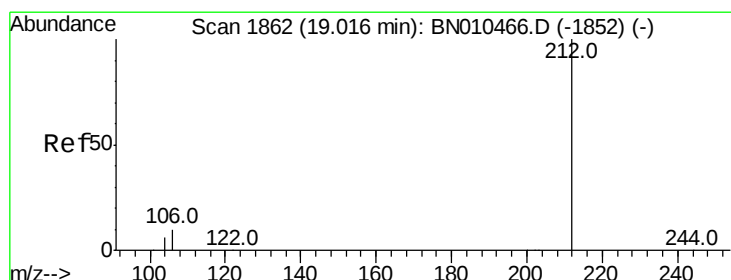
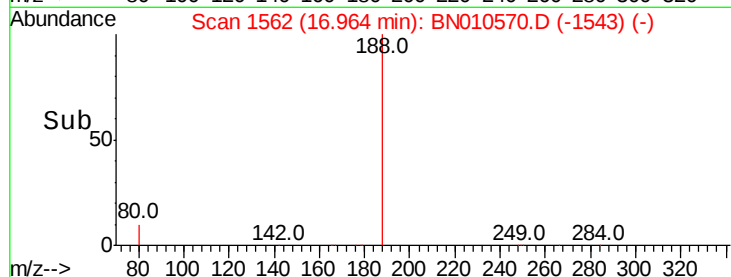
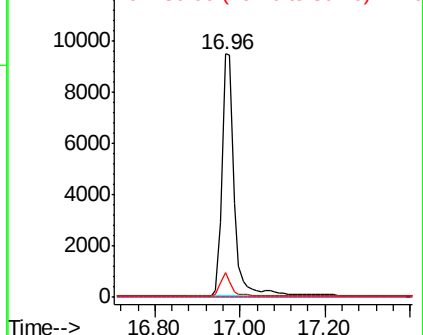
80 10.2 5.0 7.6#



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: 0.354 ng

RT: 19.01 min Scan# 1862

Delta R.T. 0.01 min

Lab File: BN010570.D

Acq: 21 Apr 2020 17:21

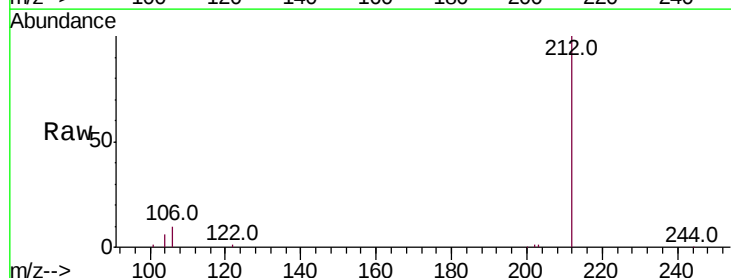
Tgt Ion:212 Resp: 20446

Ion Ratio Lower Upper

212 100

106 10.0 7.8 11.6

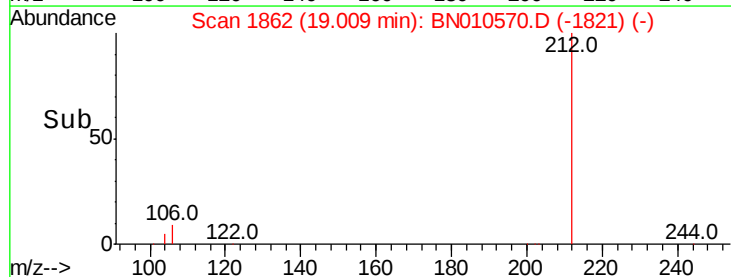
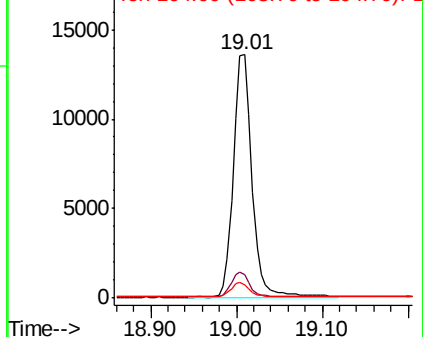
104 5.5 4.5 6.7

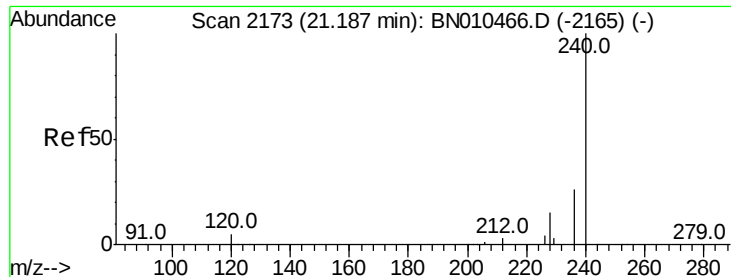


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.17 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BN010570.D

Acq: 21 Apr 2020 17:21

Instrument :

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BP-MW202I-20200415

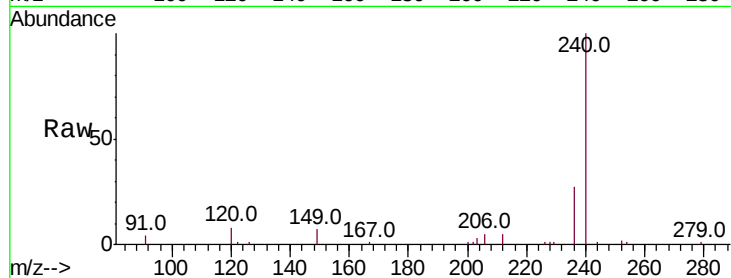
Tot Ion:240 Resp: 15239

Ion Ratio Lower Upper

240 100

120 8.4 4.8 7.2#

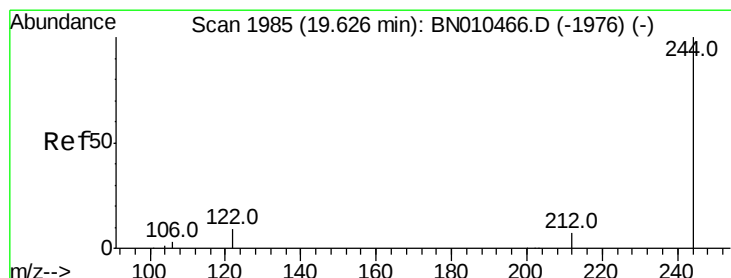
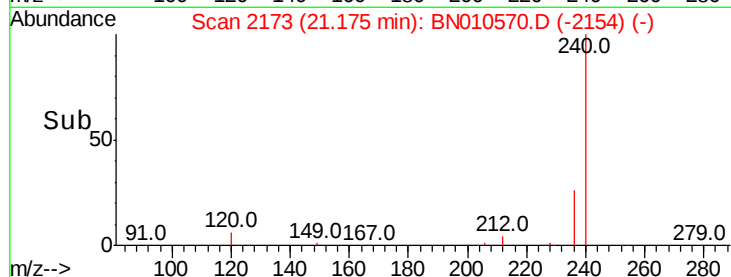
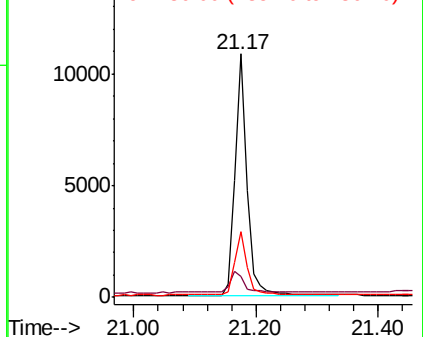
236 27.0 21.4 32.0



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: 0.591 ng

RT: 19.62 min Scan# 1985

Delta R.T. 0.00 min

Lab File: BN010570.D

Acq: 21 Apr 2020 17:21

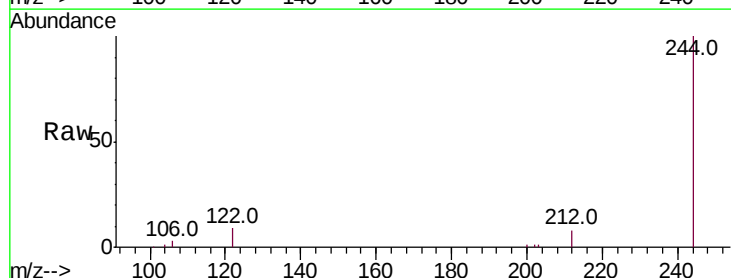
Tgt Ion:244 Resp: 20623

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.4

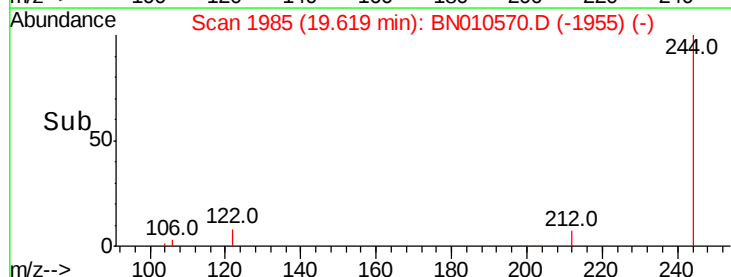
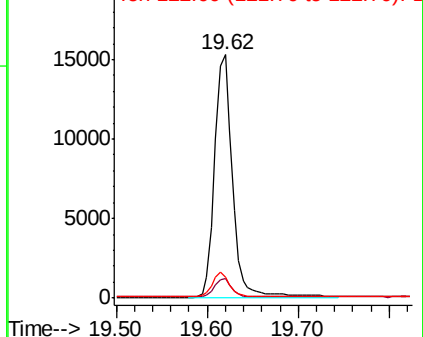
122 8.8 7.8 11.8

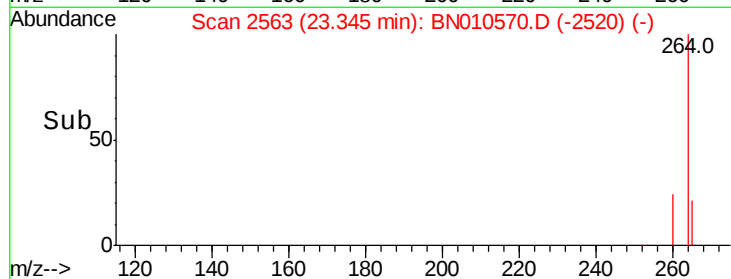
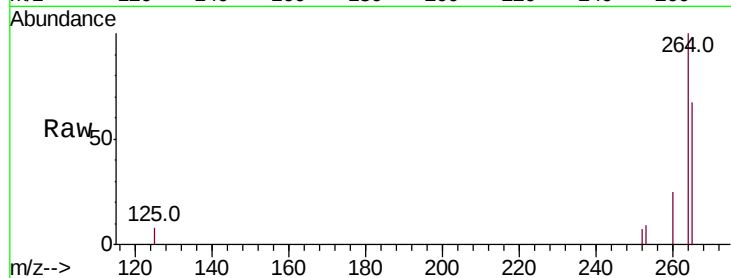
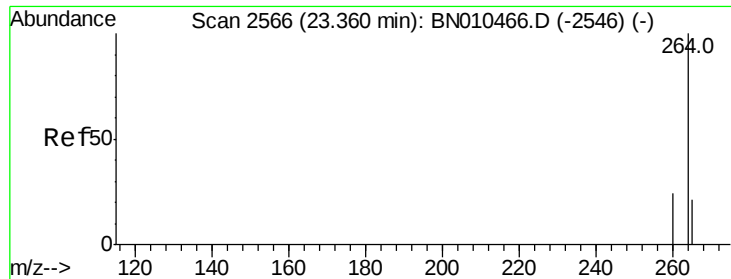


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2563

Delta R.T. -0.00 min

Lab File: BN010570.D

Acq: 21 Apr 2020 17:21

Instrument :

BNA_N

ClientSampleId :

BP-MW202I-20200415

Tot Ion:264 Resp: 13670

Ion Ratio Lower Upper

264 100

260 24.7 19.8 29.8

265 66.6 42.3 63.5#

