

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041420\
 Data File : BN010493.D
 Acq On : 15 Apr 2020 00:30
 Operator : CG/JU
 Sample : PB128093BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 15 02:04:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 13 18:04:22 2020
 Response via : Initial Calibration

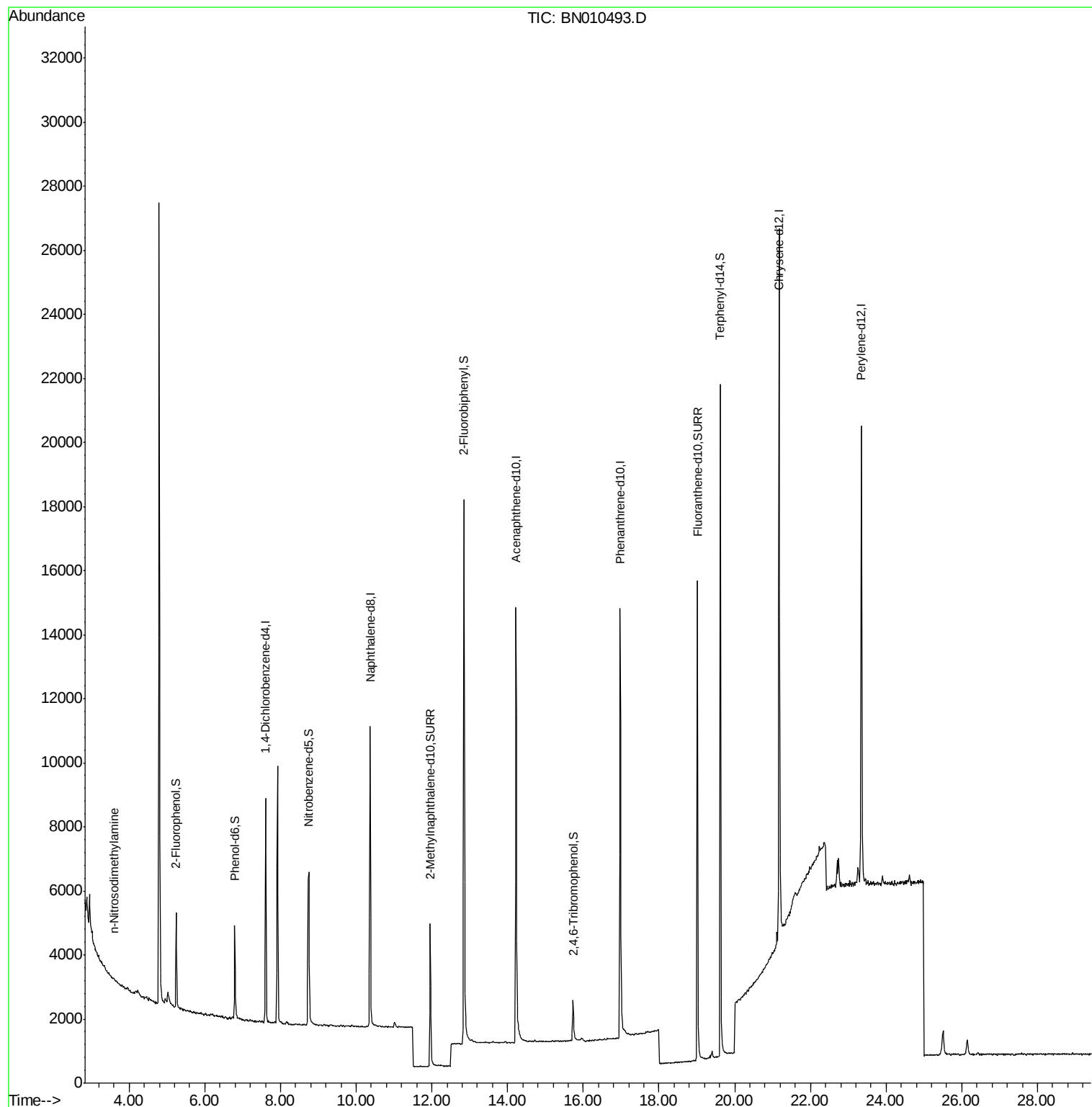
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	3425	0.40	ng	0.00
7) Naphthalene-d8	10.37	136	14249	0.40	ng	0.00
13) Acenaphthene-d10	14.22	164	9308	0.40	ng	0.00
19) Phenanthrene-d10	16.97	188	22214	0.40	ng	0.00
27) Chrysene-d12	21.17	240	21668	0.40	ng	-0.01
34) Perylene-d12	23.35	264	19480	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	2822	0.38	ng	0.00
5) Phenol-d6	6.79	99	3459	0.35	ng	0.00
8) Nitrobenzene-d5	8.74	82	5346	0.54	ng	0.00
11) 2-Methylnaphthalene-d10	11.96	152	6672	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	1356	0.31	ng	0.00
15) 2-Fluorobiphenyl	12.84	172	18230	0.54	ng	0.00
25) Fluoranthene-d10	19.01	212	19372	0.29	ng	0.00
29) Terphenyl-d14	19.62	244	24110	0.49	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.59	42	36	0.022	ng	Qvalue # 1

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

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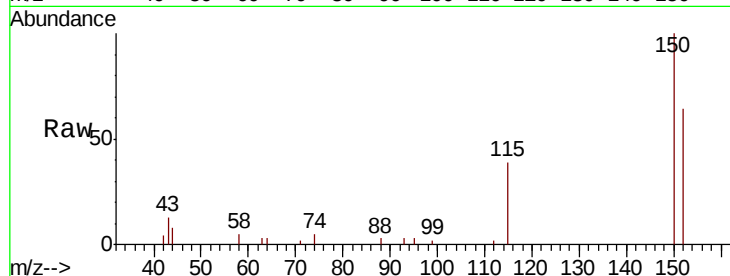


#1

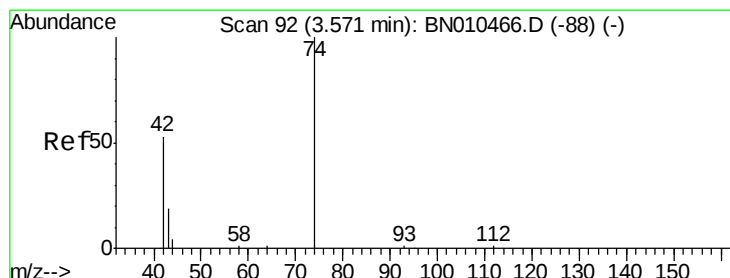
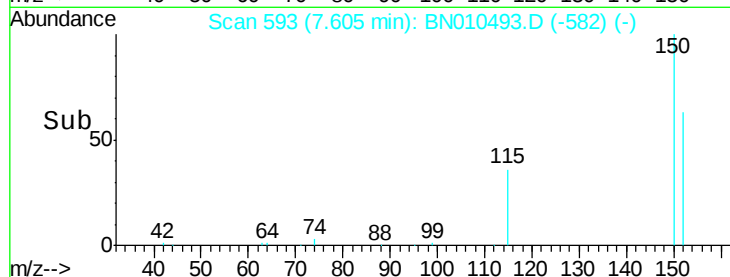
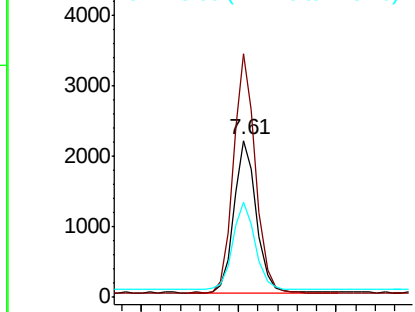
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.61 min Scan# 593
Delta R.T. -0.01 min
Lab File: BN010493.D
Acq: 15 Apr 2020 00:30

Instrument :
BNA_N
ClientSampled :

Tot Ion:152 Resp: 3425
Ion Ratio Lower Upper
152 100
150 155.2 121.8 182.6
115 60.5 45.5 68.3



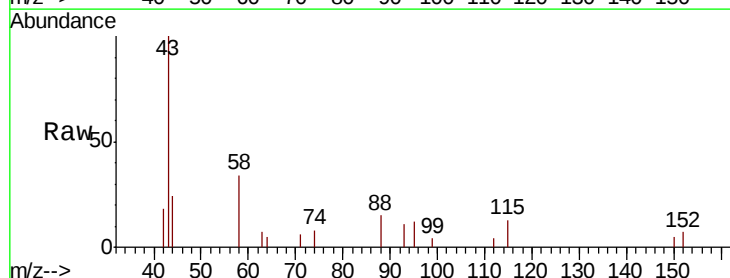
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



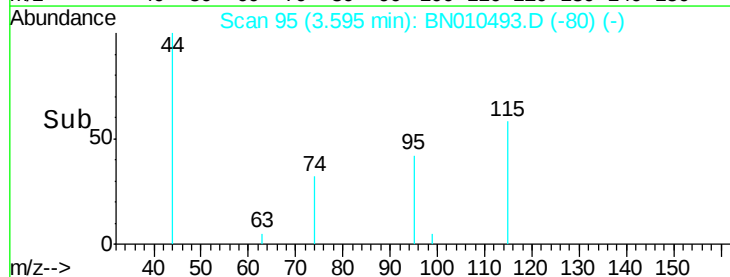
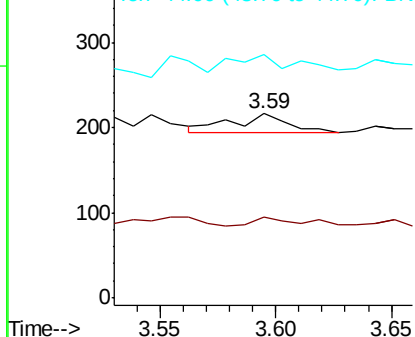
#3

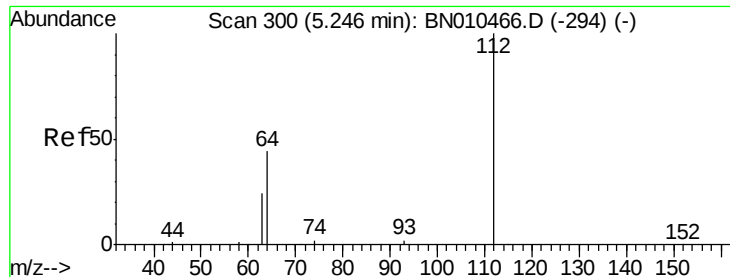
n-Nitrosodimethylamine
Concen: 0.022 ng
RT: 3.59 min Scan# 95
Delta R.T. 0.02 min
Lab File: BN010493.D
Acq: 15 Apr 2020 00:30

Tgt Ion: 42 Resp: 36
Ion Ratio Lower Upper
42 100
74 36.1 162.2 243.4#
44 105.6 2.4 3.6#



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: 0.376 ng

RT: 5.25 min Scan# 300

Delta R.T. -0.00 min

Lab File: BN010493.D

Acq: 15 Apr 2020 00:30

Instrument :

BNA_N

ClientSampleId :

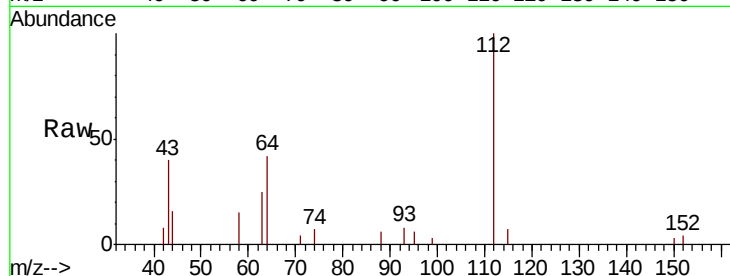
Tot Ion:112 Resp: 2822

Ion Ratio Lower Upper

112 100

64 43.3 35.8 53.8

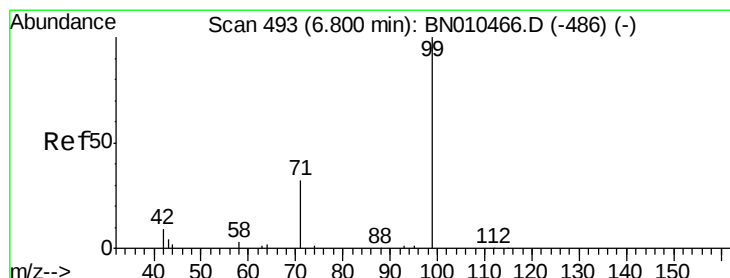
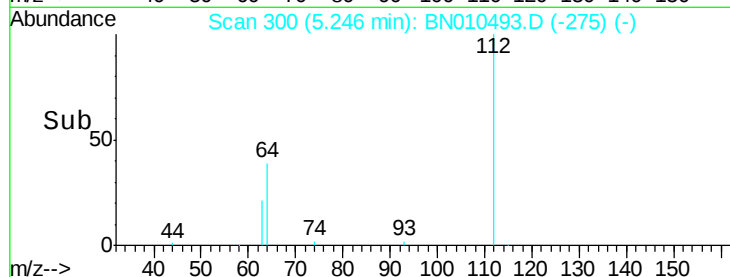
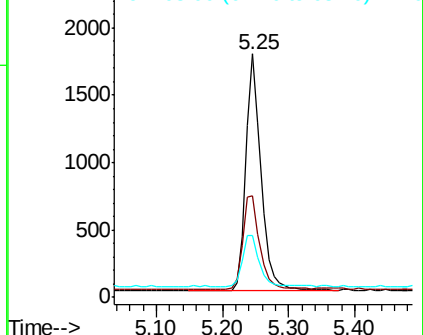
63 25.1 19.9 29.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO



#5

Phenol-d6

Concen: 0.353 ng

RT: 6.79 min Scan# 492

Delta R.T. -0.01 min

Lab File: BN010493.D

Acq: 15 Apr 2020 00:30

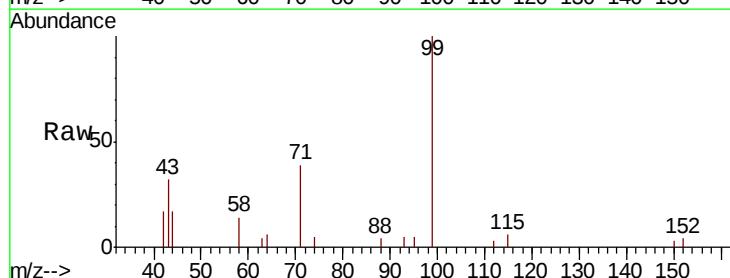
Tgt Ion: 99 Resp: 3459

Ion Ratio Lower Upper

99 100

42 11.5 9.8 14.6

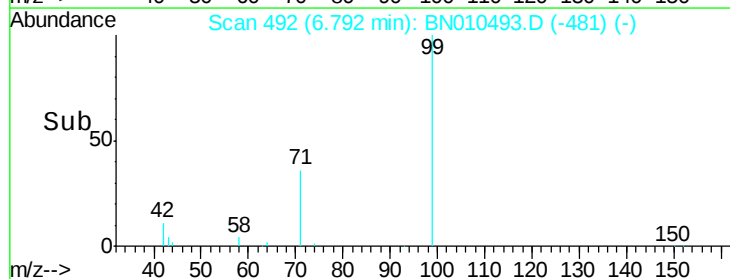
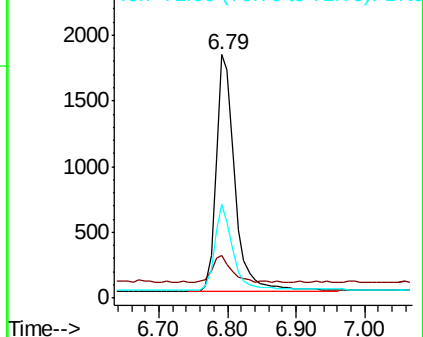
71 34.5 27.8 41.8

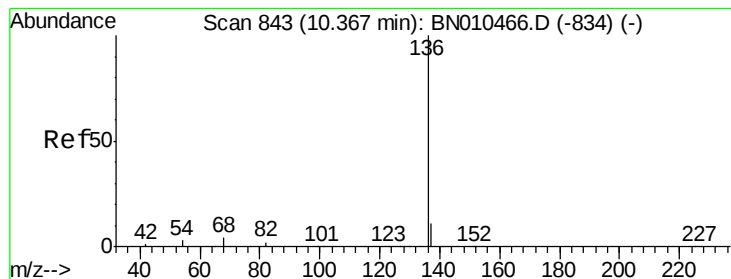


Abundance Ion 99.00 (98.70 to 99.70): BNO

Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.37 min Scan# 843

Delta R.T. -0.00 min

Lab File: BN010493.D

Acq: 15 Apr 2020 00:30

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 14249

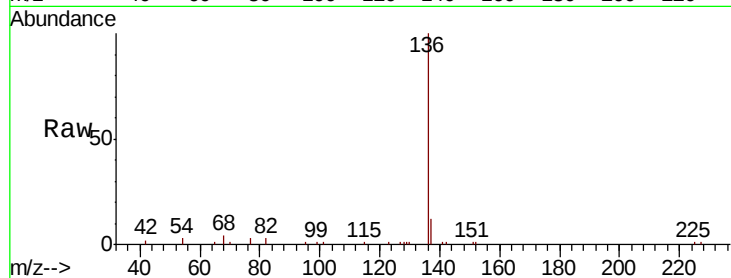
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 3.4 2.6 4.0

68 4.3 3.4 5.2

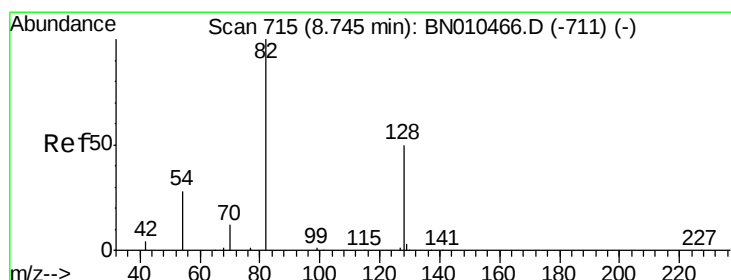
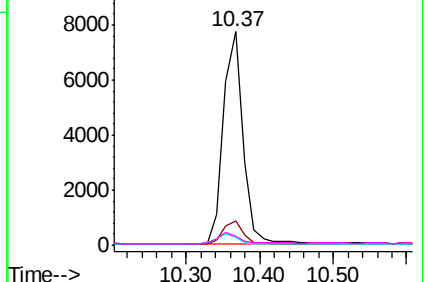
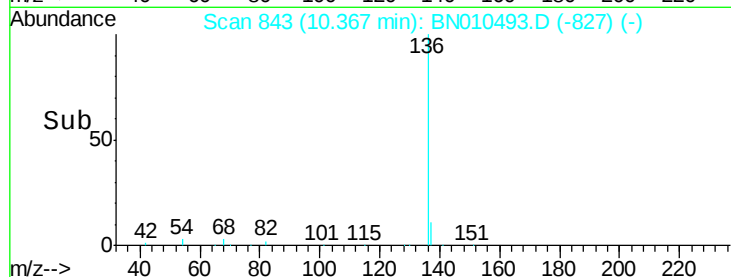


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.537 ng

RT: 8.74 min Scan# 715

Delta R.T. -0.00 min

Lab File: BN010493.D

Acq: 15 Apr 2020 00:30

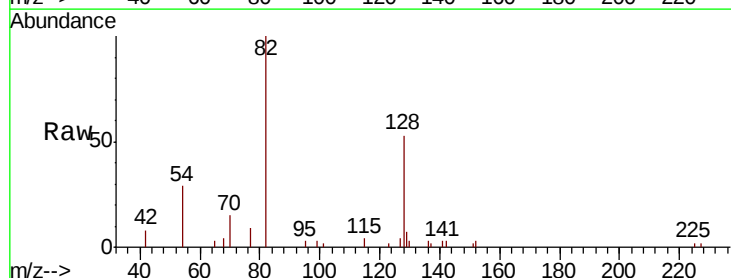
Tgt Ion: 82 Resp: 5346

Ion Ratio Lower Upper

82 100

128 52.7 41.3 61.9

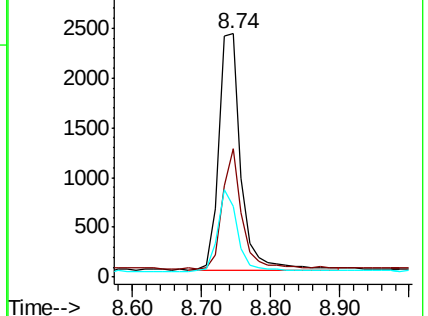
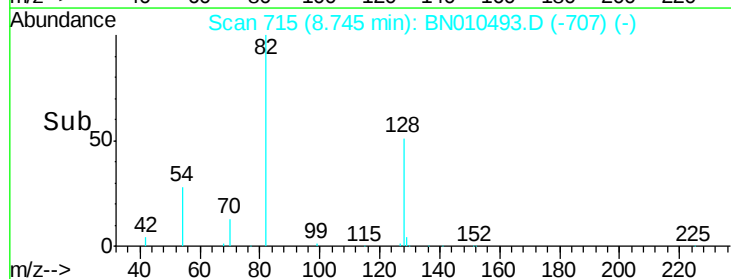
54 29.3 23.4 35.0

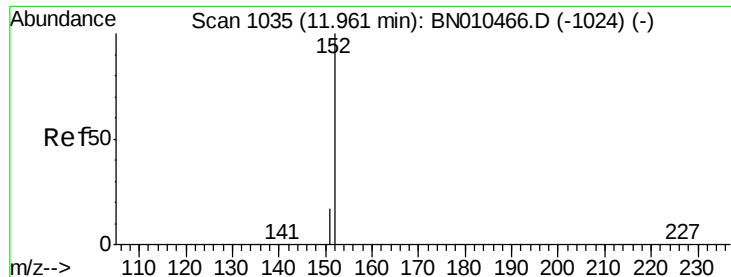


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

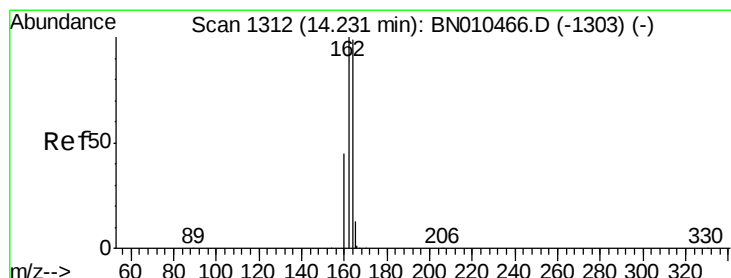
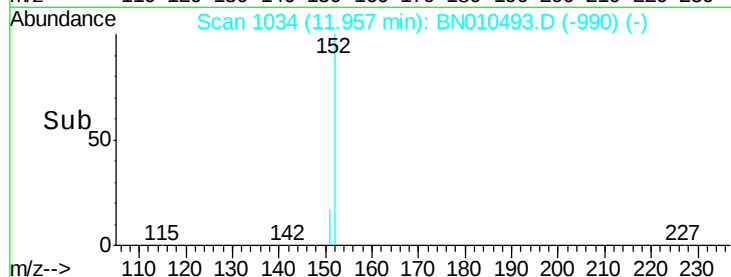
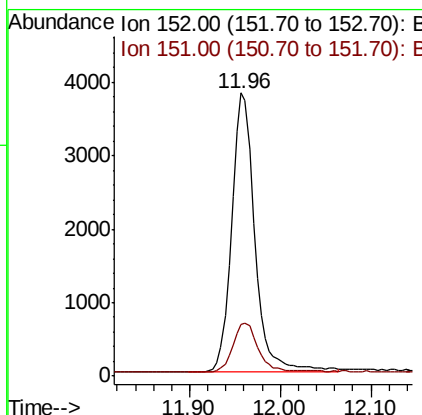
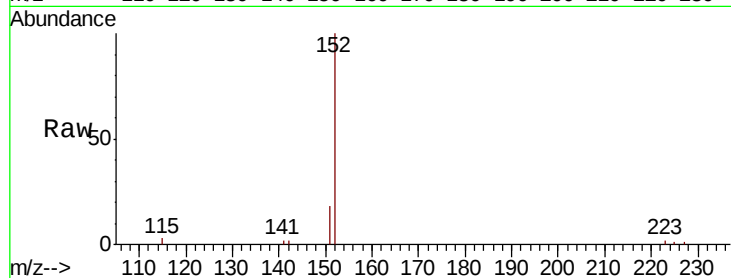




#11
2-Methylnaphthalene-d10
Concen: 0.285 ng
RT: 11.96 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BN010493.D
Acq: 15 Apr 2020 00:30

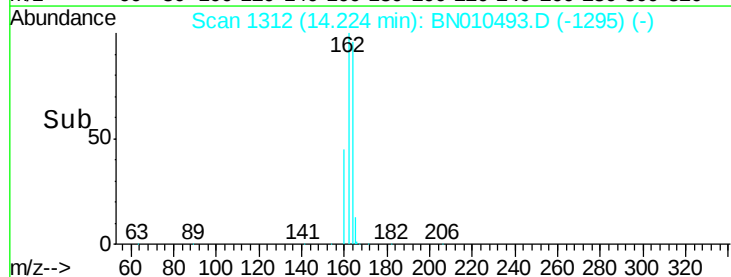
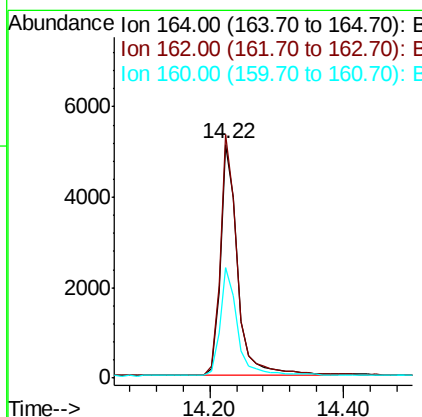
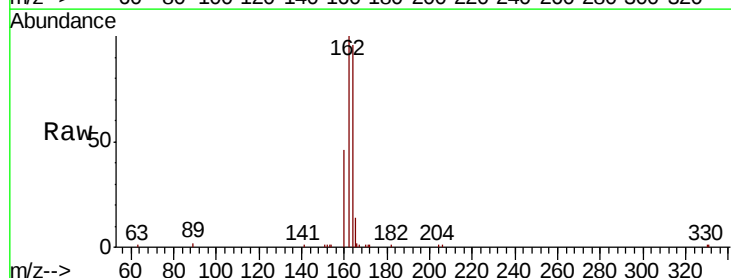
Instrument :
BNA_N
ClientSampleId :

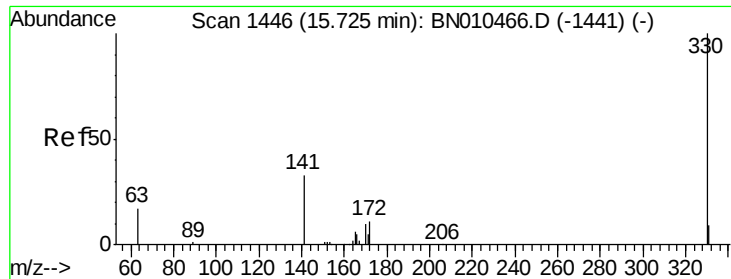
Tot Ion:152 Resp: 6672
Ion Ratio Lower Upper
152 100
151 19.3 15.3 22.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.22 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BN010493.D
Acq: 15 Apr 2020 00:30

Tgt Ion:164 Resp: 9308
Ion Ratio Lower Upper
164 100
162 104.3 80.6 121.0
160 47.5 36.5 54.7

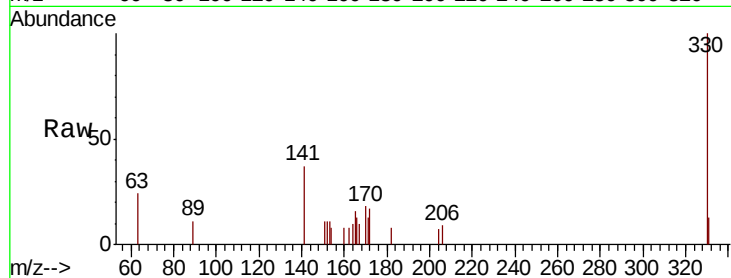




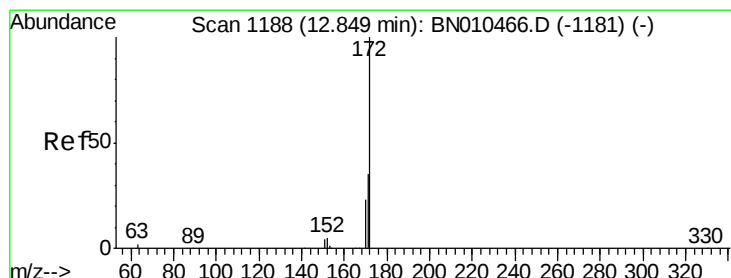
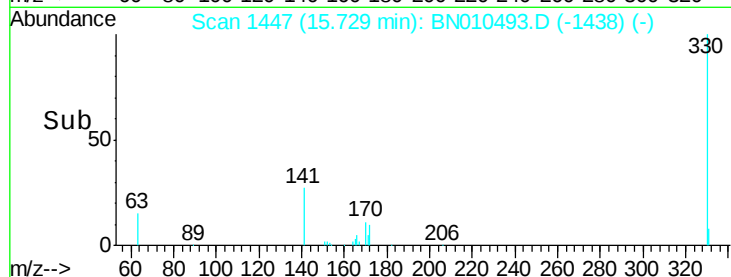
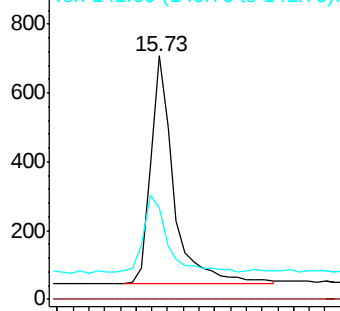
#14
 2,4,6-Tribromophenol
 Concen: 0.309 ng
 RT: 15.73 min Scan# 1447
 Delta R.T. 0.00 min
 Lab File: BN010493.D
 Acq: 15 Apr 2020 00:30

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:330 Resp: 1356
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 36.9 28.1 42.1

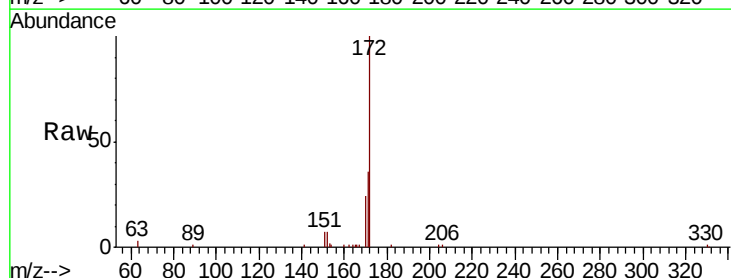


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

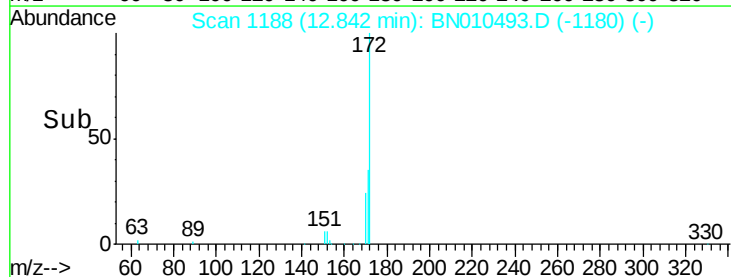
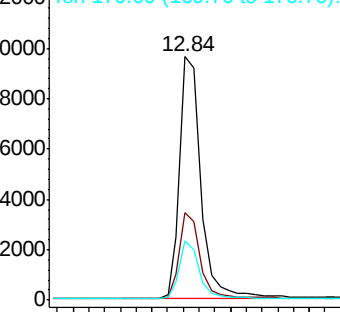


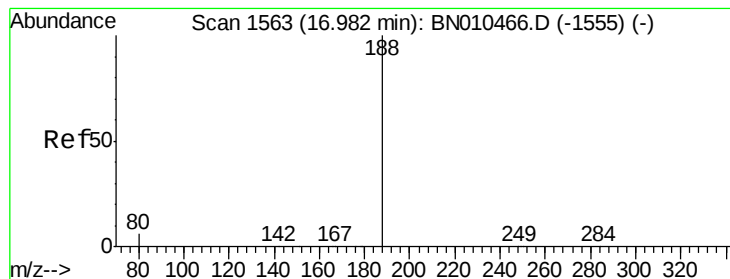
#15
 2-Fluorobiphenyl
 Concen: 0.538 ng
 RT: 12.84 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BN010493.D
 Acq: 15 Apr 2020 00:30

Tgt Ion:172 Resp: 18230
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.2 42.2
 170 24.4 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# 1563

Delta R.T. -0.01 min

Lab File: BN010493.D

Acq: 15 Apr 2020 00:30

Instrument :

BNA_N

ClientSampleId :

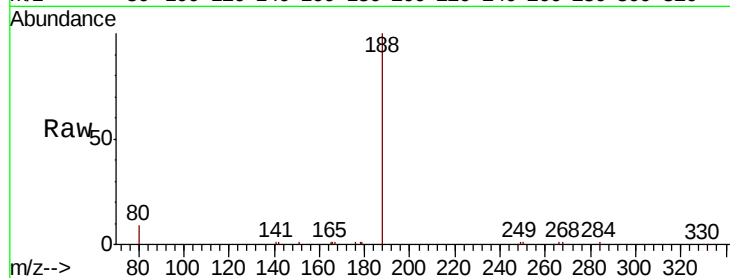
Tot Ion:188 Resp: 22214

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

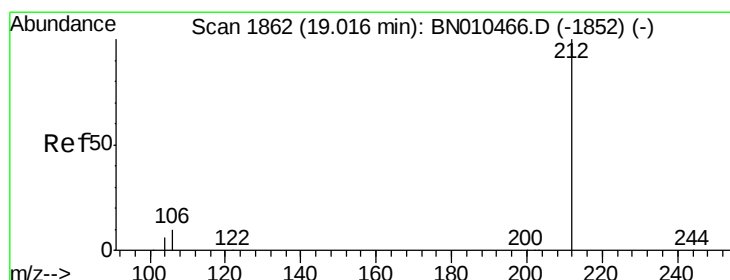
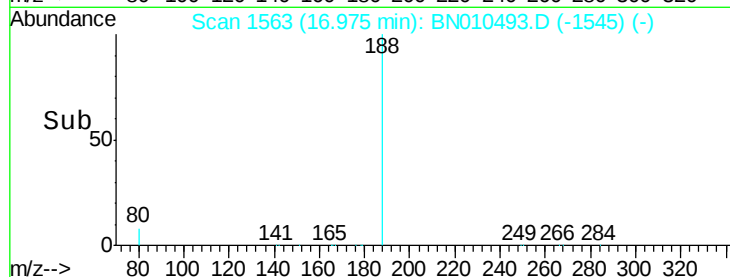
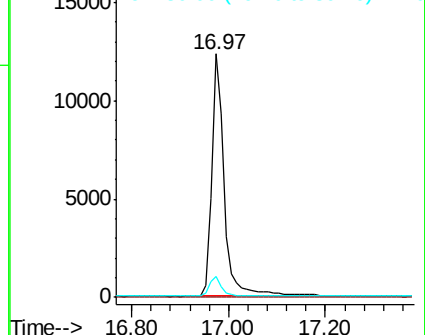
80 8.8 5.0 7.6#



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: 0.288 ng

RT: 19.01 min Scan# 1863

Delta R.T. -0.00 min

Lab File: BN010493.D

Acq: 15 Apr 2020 00:30

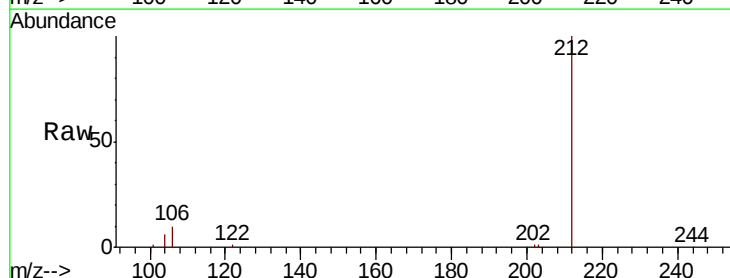
Tgt Ion:212 Resp: 19372

Ion Ratio Lower Upper

212 100

106 10.0 7.8 11.6

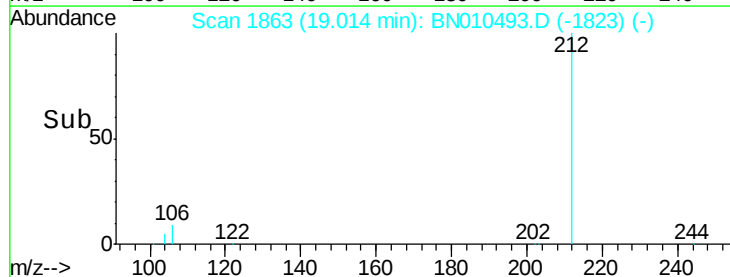
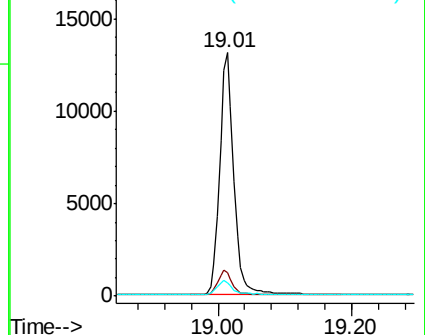
104 5.9 4.5 6.7

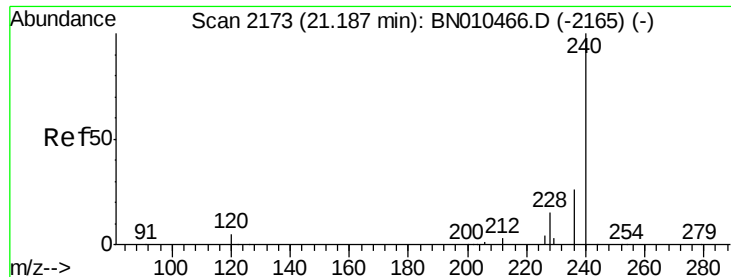


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

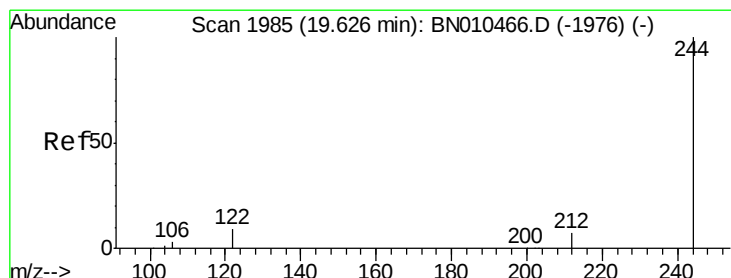
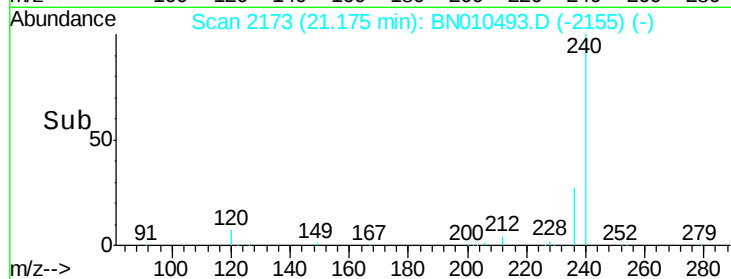
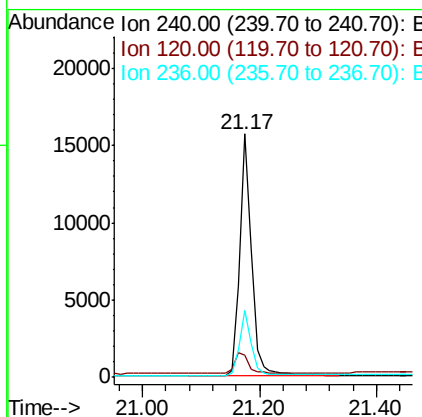
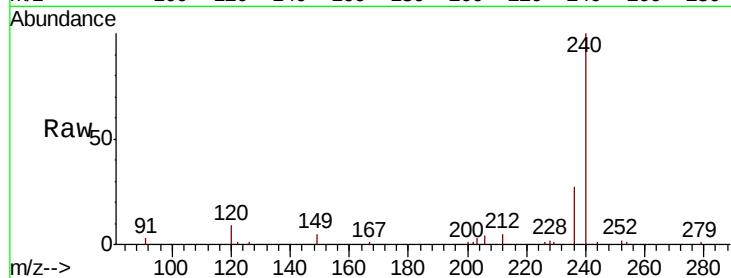




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.17 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BN010493.D
Acq: 15 Apr 2020 00:30

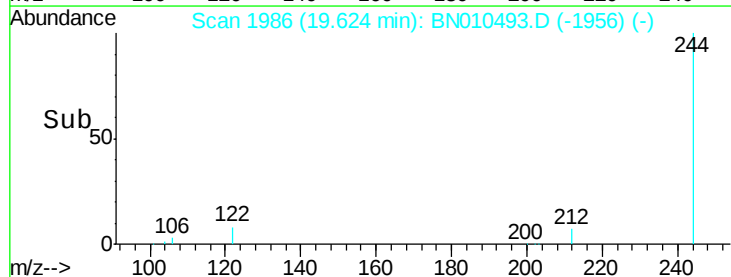
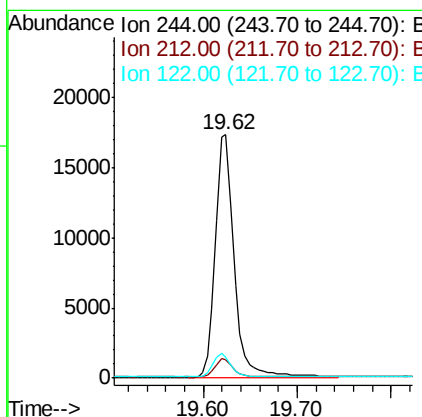
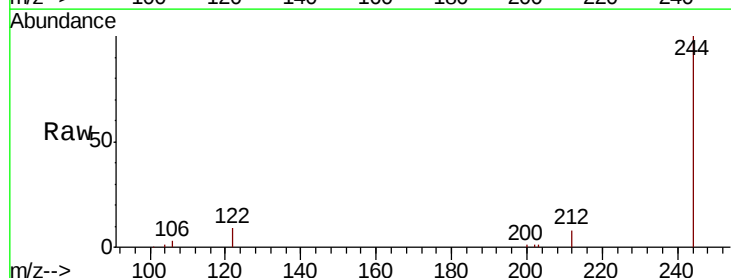
Instrument :
BNA_N
ClientSampleId :

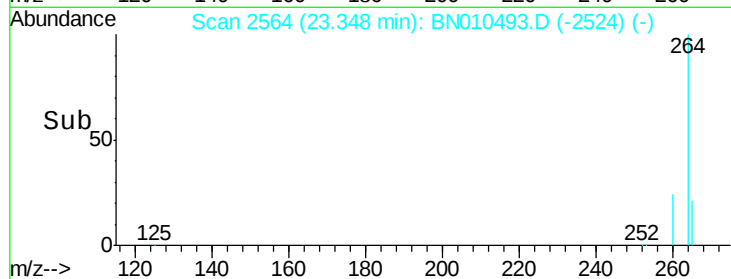
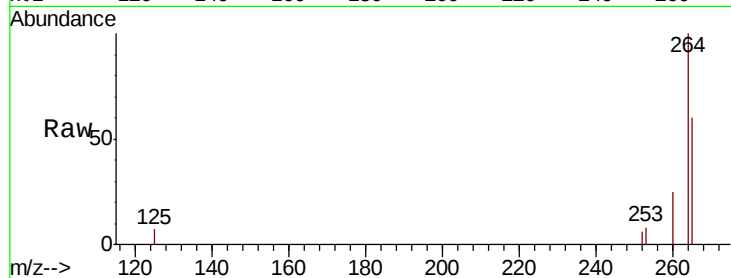
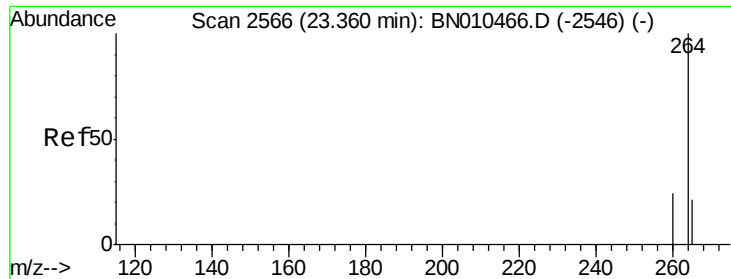
Tot Ion:240 Resp: 21668
Ion Ratio Lower Upper
240 100
120 9.0 4.8 7.2#
236 27.4 21.4 32.0



#29
Terphenyl-d14
Concen: 0.486 ng
RT: 19.62 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BN010493.D
Acq: 15 Apr 2020 00:30

Tgt Ion:244 Resp: 24110
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.4
122 8.7 7.8 11.8





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.35 min Scan# 2564

Delta R.T. -0.01 min

Lab File: BN010493.D

Acq: 15 Apr 2020 00:30

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 264 Resp: 19480

Ion Ratio Lower Upper

264 100

260 24.6 19.8 29.8

265 60.4 42.3 63.5

