

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061520\
 Data File : BN010873.D
 Acq On : 15 Jun 2020 14:03
 Operator : CG/JU
 Sample : PB129538BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB129538BL

Quant Time: Jun 15 14:43:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 11:09:46 2020
 Response via : Initial Calibration

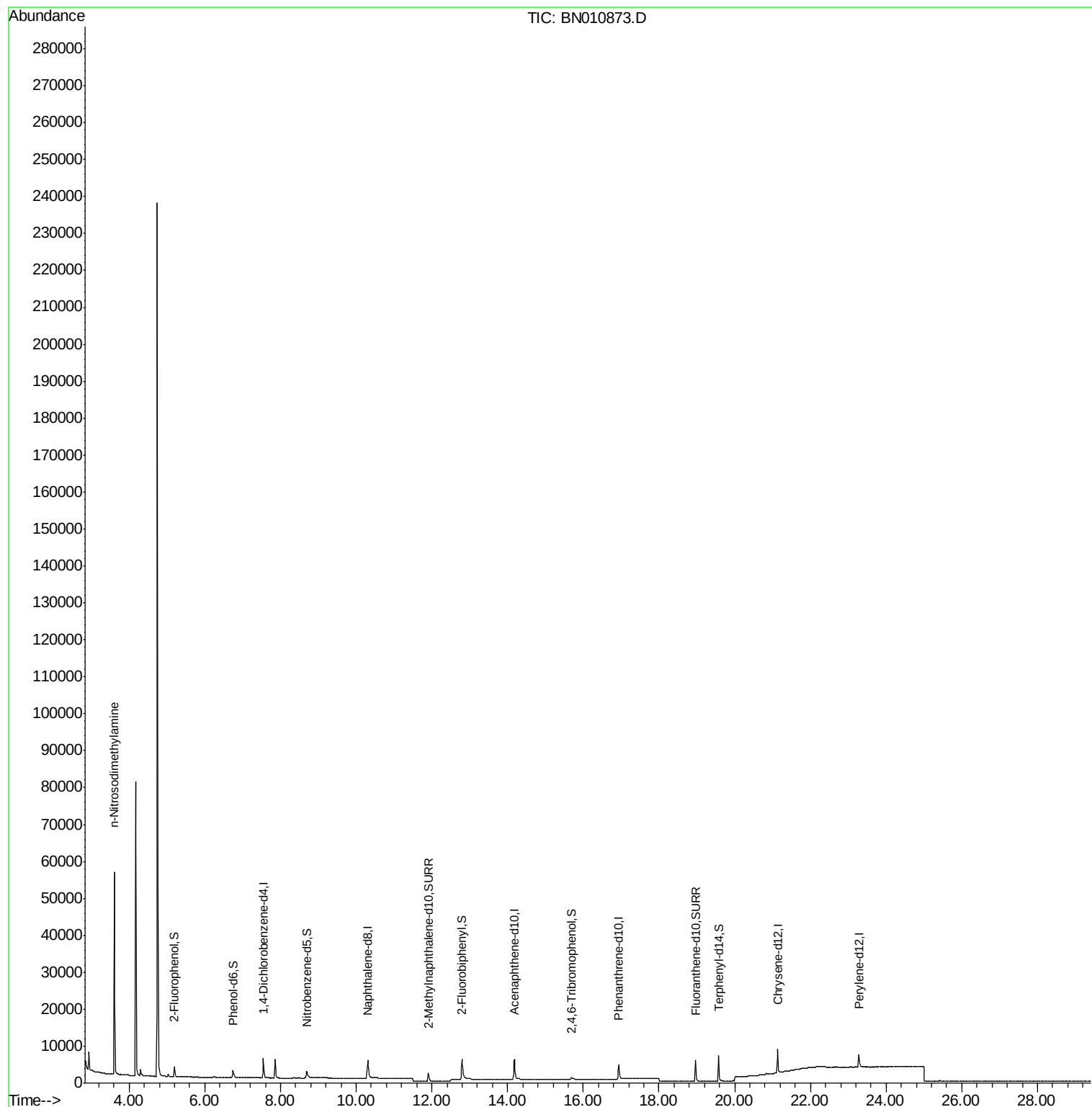
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	2761	0.40	ng	0.00
7) Naphthalene-d8	10.30	136	9293	0.40	ng	0.00
13) Acenaphthene-d10	14.18	164	4475	0.40	ng	0.01
19) Phenanthrene-d10	16.93	188	8562	0.40	ng	0.01
27) Chrysene-d12	21.13	240	7674	0.40	ng	0.00
34) Perylene-d12	23.28	264	5120	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	2506	0.47	ng	0.00
5) Phenol-d6	6.75	99	2555	0.41	ng	0.00
8) Nitrobenzene-d5	8.69	82	2801	0.41	ng	0.01
11) 2-Methylnaphthalene-d10	11.91	152	4874	0.34	ng	0.01
14) 2,4,6-Tribromophenol	15.70	330	528	0.33	ng	0.02
15) 2-Fluorobiphenyl	12.80	172	7664	0.43	ng	0.01
25) Fluoranthene-d10	18.96	212	8481	0.36	ng	0.00
29) Terphenyl-d14	19.57	244	7990	0.44	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.60	42	2636	1.677	ng	Qvalue # 1

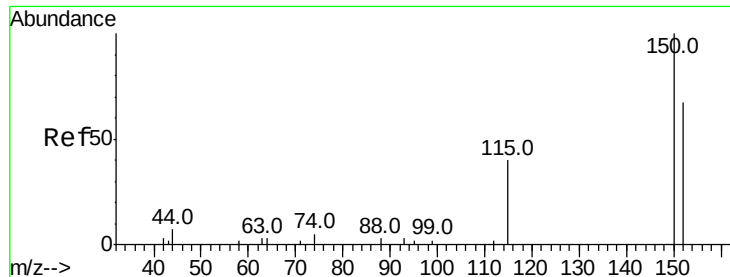
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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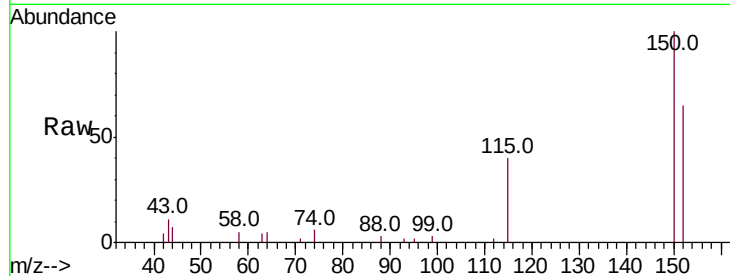


#1

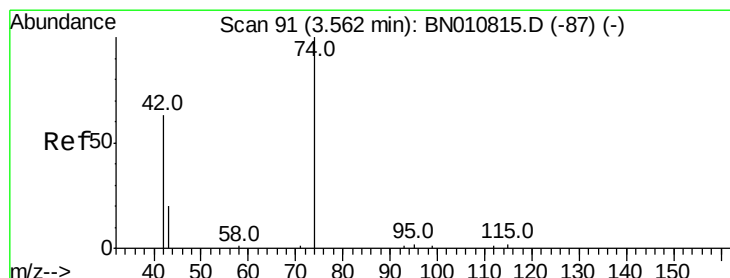
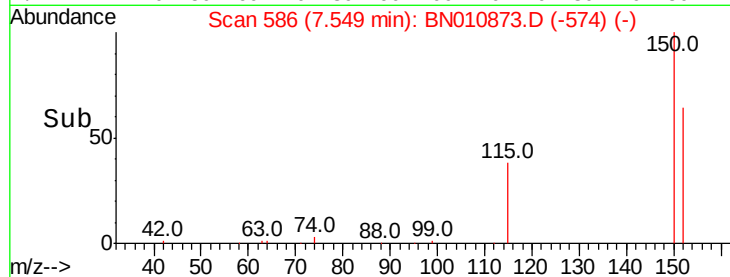
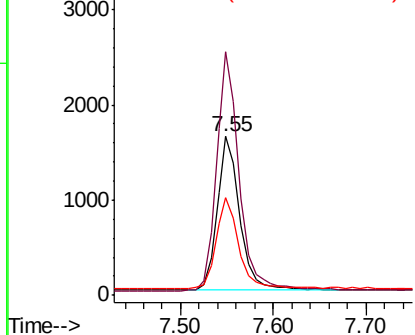
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.55 min Scan# 586
Delta R.T. 0.00 min
Lab File: BN010873.D
Acq: 15 Jun 2020 14:03

Instrument :
BNA_N
ClientSampleId :
PB129538BL

Tot Ion:152 Resp: 2761
Ion Ratio Lower Upper
152 100
150 153.4 123.8 185.6
115 61.5 49.2 73.8



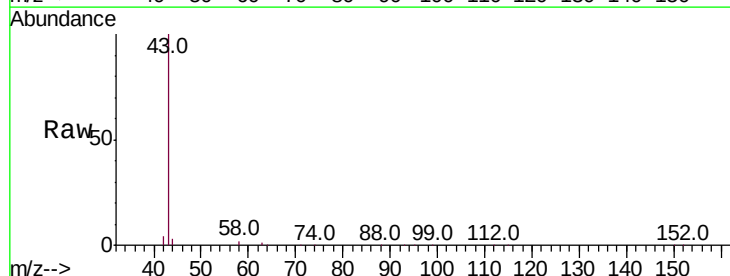
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



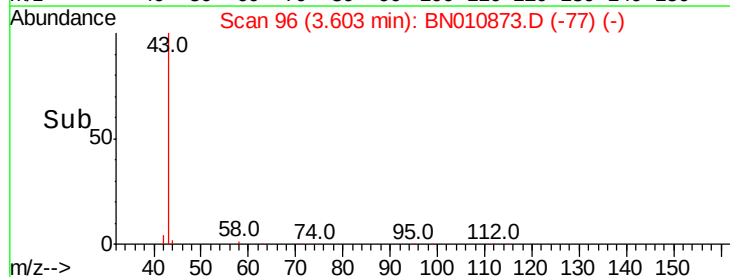
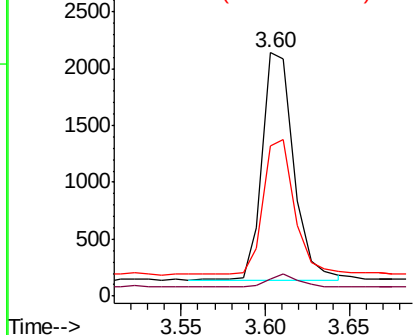
#3

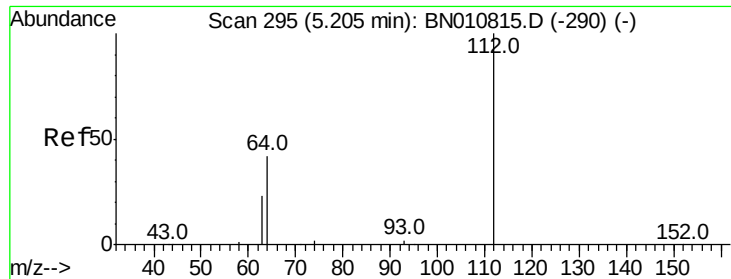
n-Nitrosodimethylamine
Concen: 1.677 ng
RT: 3.60 min Scan# 96
Delta R.T. 0.06 min
Lab File: BN010873.D
Acq: 15 Jun 2020 14:03

Tgt Ion: 42 Resp: 2636
Ion Ratio Lower Upper
42 100
74 5.3 140.7 211.1#
44 58.4 1.4 2.2#



Abundance Ion 42.00 (41.70 to 42.70): BNC
Ion 74.00 (73.70 to 74.70): BNC
Ion 44.00 (43.70 to 44.70): BNC





#4

2-Fluorophenol

Concen: 0.470 ng

RT: 5.20 min Scan# 294

Delta R.T. 0.00 min

Lab File: BN010873.D

Acq: 15 Jun 2020 14:03

Instrument :

BNA_N

ClientSampleId :

PB129538BL

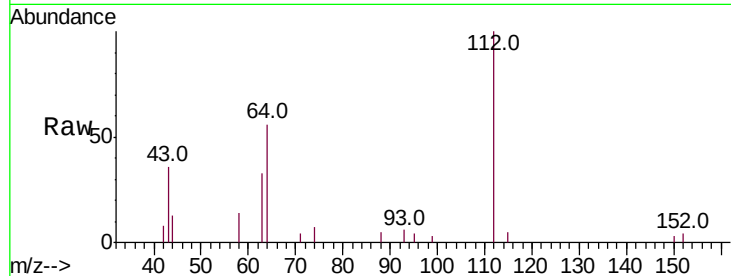
Tot Ion:112 Resp: 2506

Ion Ratio Lower Upper

112 100

64 44.6 37.4 56.0

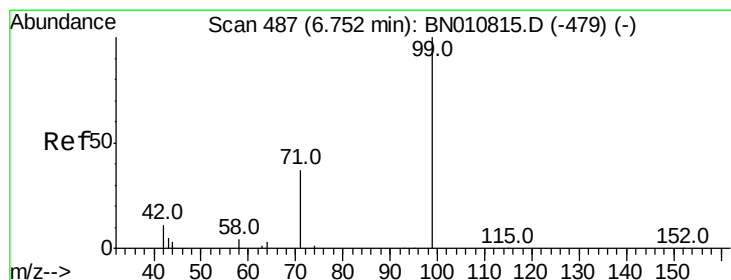
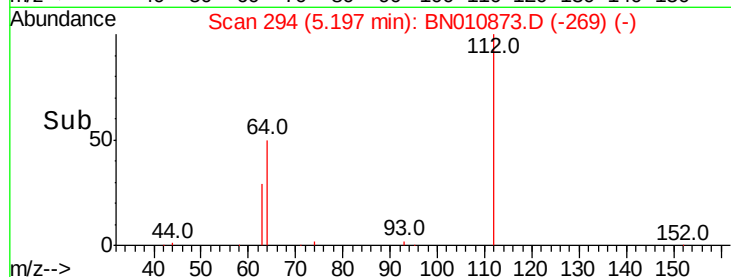
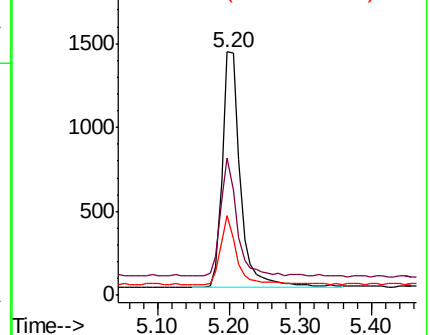
63 25.4 22.2 33.4



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: 0.407 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.01 min

Lab File: BN010873.D

Acq: 15 Jun 2020 14:03

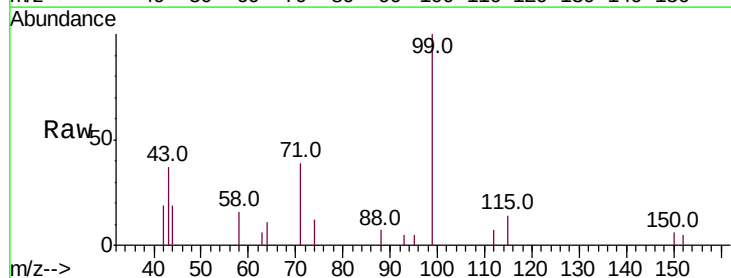
Tgt Ion: 99 Resp: 2555

Ion Ratio Lower Upper

99 100

42 12.7 11.1 16.7

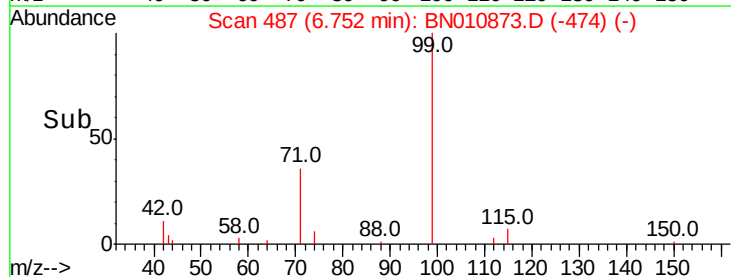
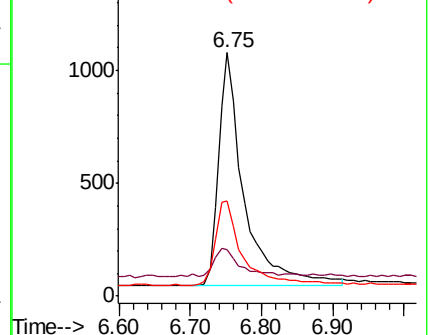
71 37.7 31.4 47.2

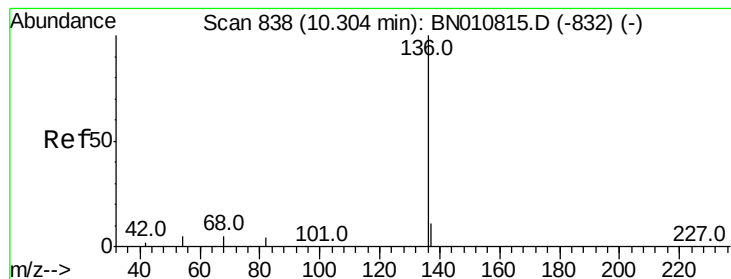


Abundance Ion 99.00 (98.70 to 99.70): BNC

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: 10.30 min Scan# 838

Delta R.T. 0.00 min

Lab File: BN010873.D

Acq: 15 Jun 2020 14:03

Instrument :

BNA_N

ClientSampleId :

PB129538BL

Tot Ion:136 Resp: 9293

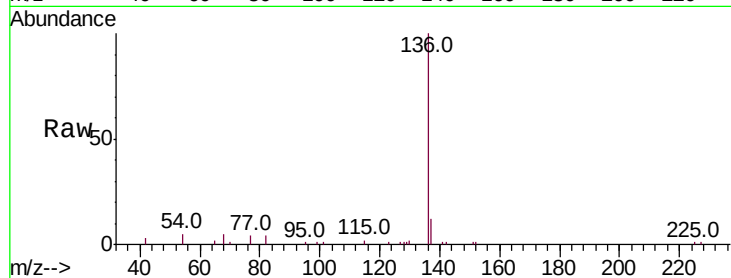
Ion Ratio Lower Upper

136 100

137 11.9 9.7 14.5

54 4.8 4.9 7.3#

68 5.4 4.7 7.1

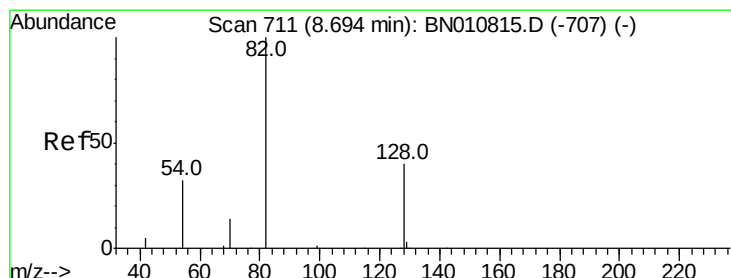
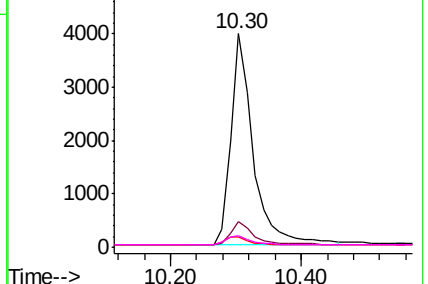
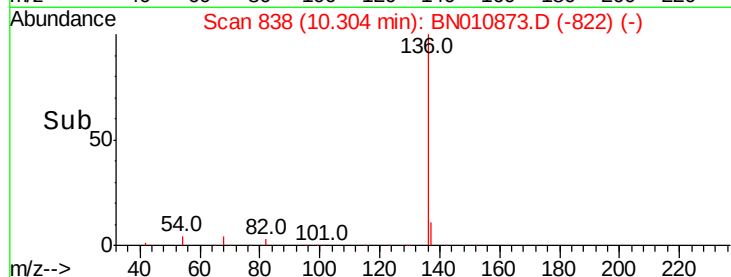


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.407 ng

RT: 8.69 min Scan# 711

Delta R.T. 0.01 min

Lab File: BN010873.D

Acq: 15 Jun 2020 14:03

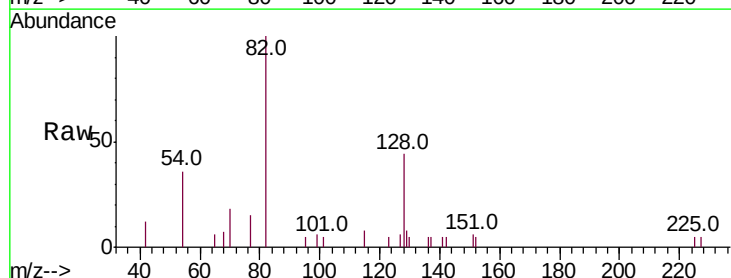
Tgt Ion: 82 Resp: 2801

Ion Ratio Lower Upper

82 100

128 43.6 35.4 53.0

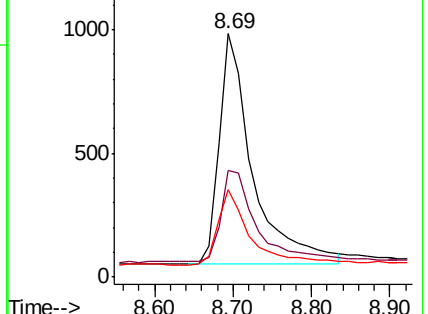
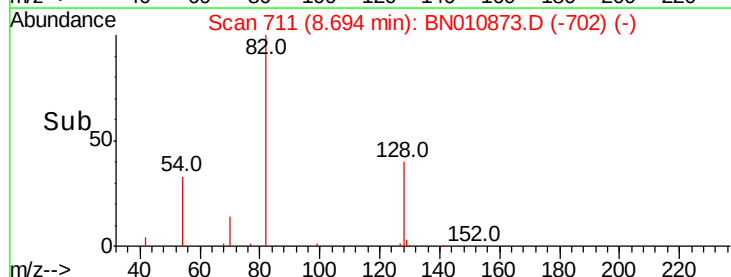
54 35.9 28.2 42.4

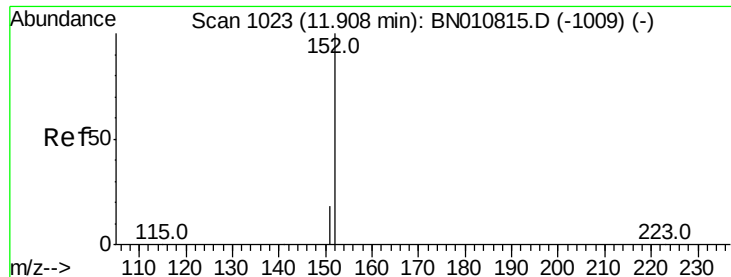


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

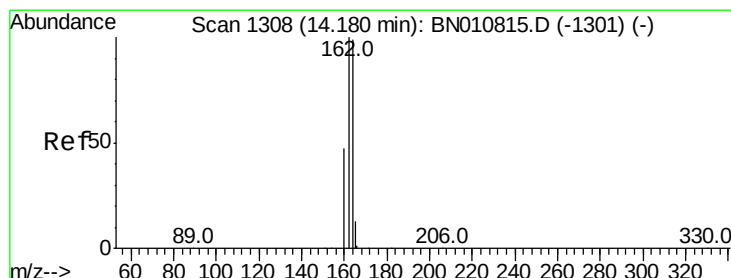
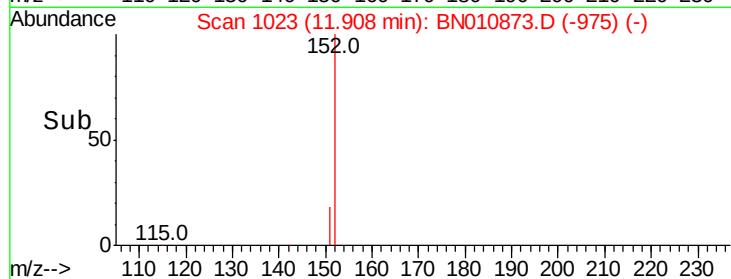
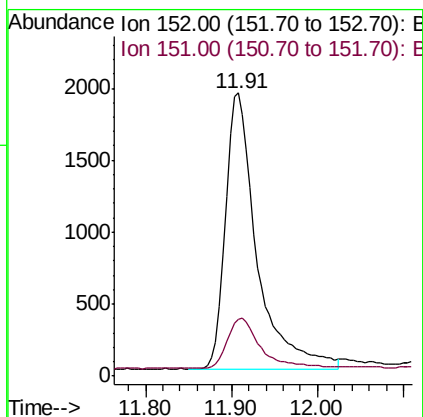
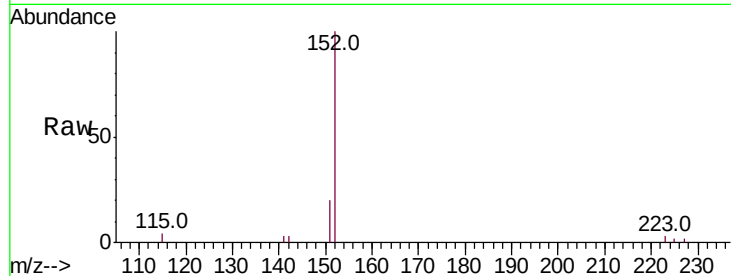




#11
2-Methylnaphthalene-d10
Concen: 0.338 ng
RT: 11.91 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BN010873.D
Acq: 15 Jun 2020 14:03

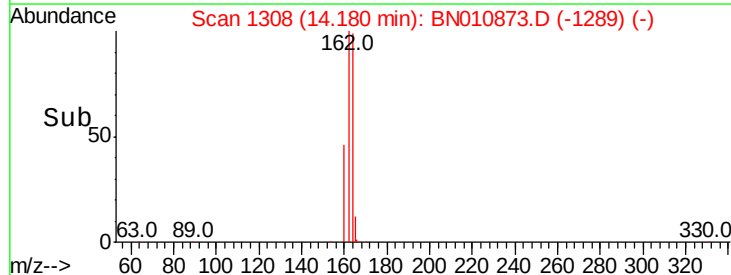
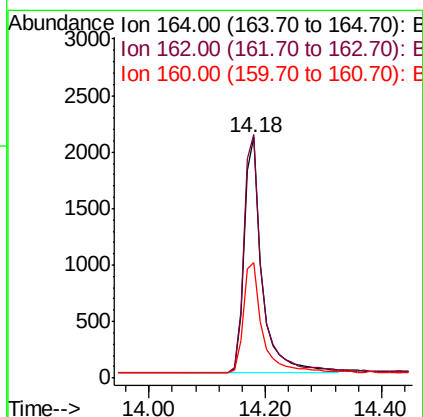
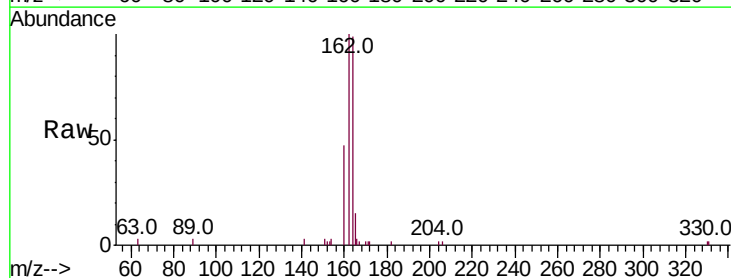
Instrument :
BNA_N
ClientSampleId :
PB129538BL

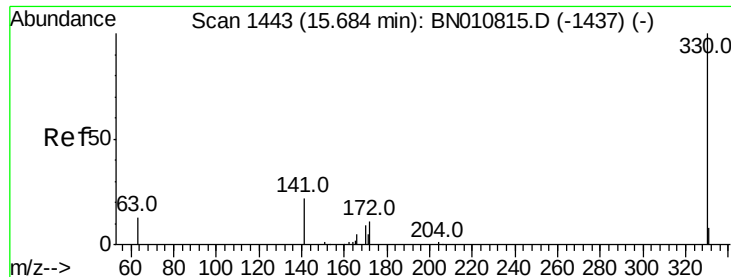
Tot Ion:152 Resp: 4874
Ion Ratio Lower Upper
152 100
151 19.8 15.3 22.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.18 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BN010873.D
Acq: 15 Jun 2020 14:03

Tgt Ion:164 Resp: 4475
Ion Ratio Lower Upper
164 100
162 101.2 81.0 121.6
160 48.0 38.9 58.3

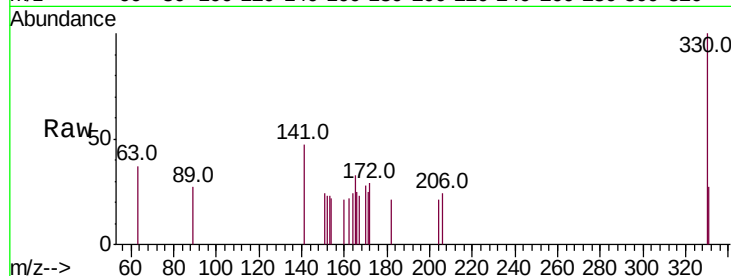




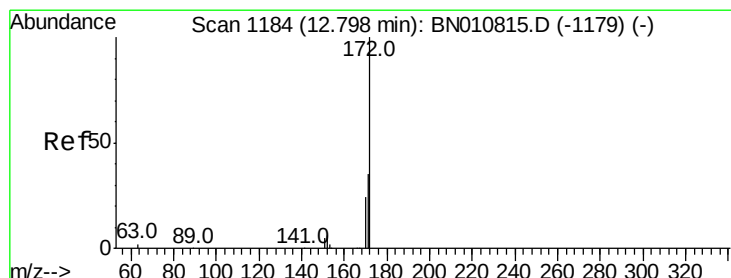
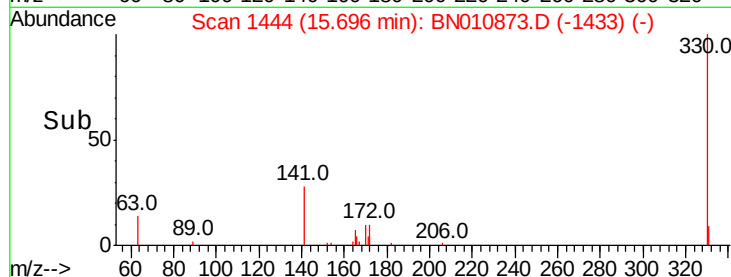
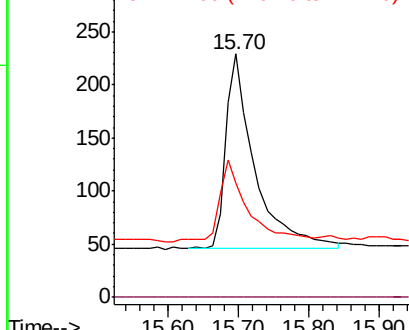
#14
 2,4,6-Tribromophenol
 Concen: 0.330 ng
 RT: 15.70 min Scan# 1444
 Delta R.T. 0.02 min
 Lab File: BN010873.D
 Acq: 15 Jun 2020 14:03

Instrument :
 BNA_N
 ClientSampleId :
 PB129538BL

Tot Ion:330 Resp: 528
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 41.9 33.2 49.8

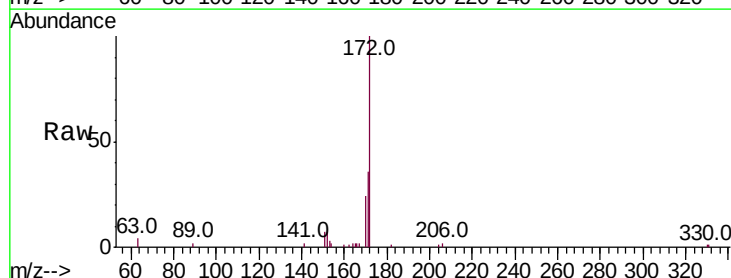


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

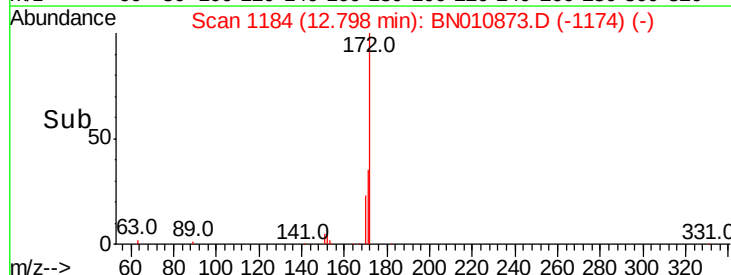
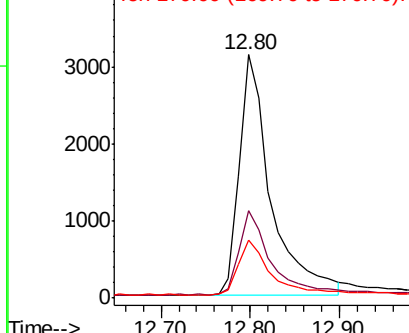


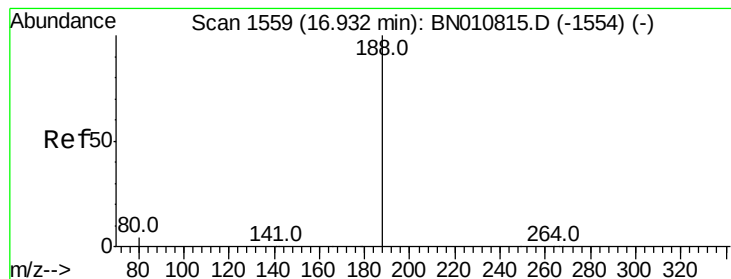
#15
 2-Fluorobiphenyl
 Concen: 0.434 ng
 RT: 12.80 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BN010873.D
 Acq: 15 Jun 2020 14:03

Tgt Ion:172 Resp: 7664
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.5 42.7
 170 24.0 19.7 29.5



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: 16.93 min Scan# 1559

Delta R.T. 0.01 min

Lab File: BN010873.D

Acq: 15 Jun 2020 14:03

Instrument :

BNA_N

ClientSampleId :

PB129538BL

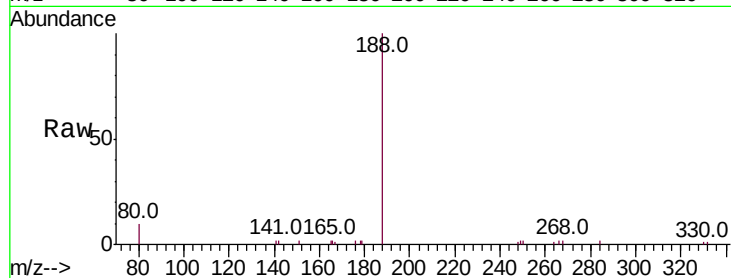
Tot Ion:188 Resp: 8562

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

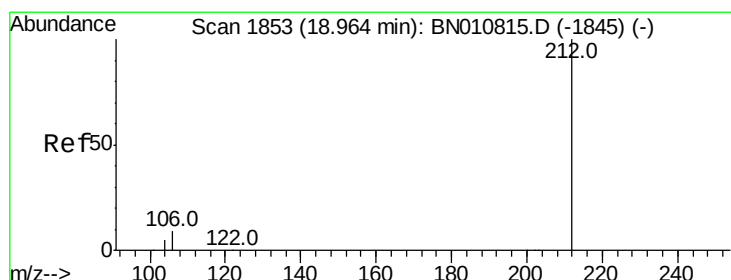
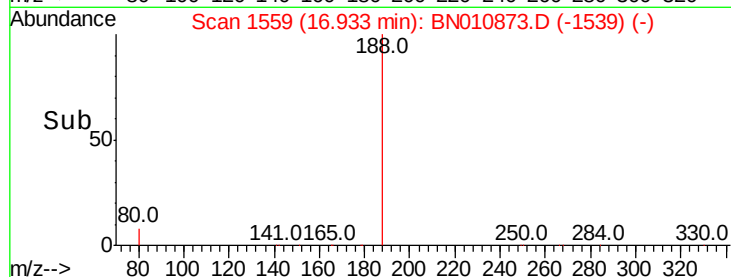
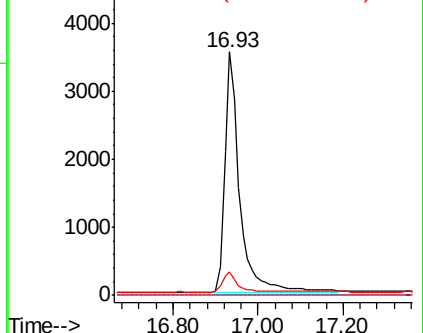
80 9.6 4.5 6.7#



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: 0.359 ng

RT: 18.96 min Scan# 1853

Delta R.T. 0.01 min

Lab File: BN010873.D

Acq: 15 Jun 2020 14:03

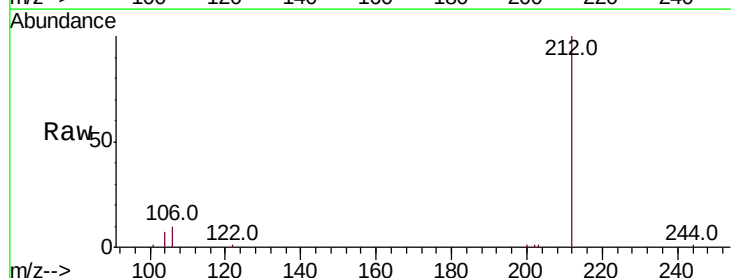
Tgt Ion:212 Resp: 8481

Ion Ratio Lower Upper

212 100

106 9.5 6.6 10.0

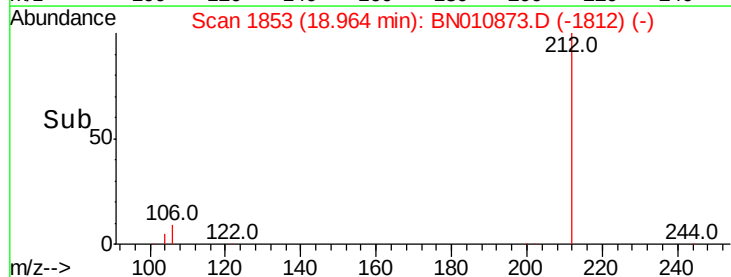
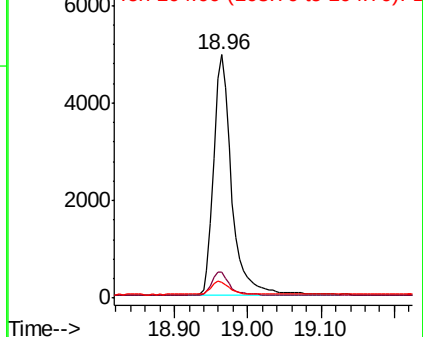
104 5.4 4.0 6.0

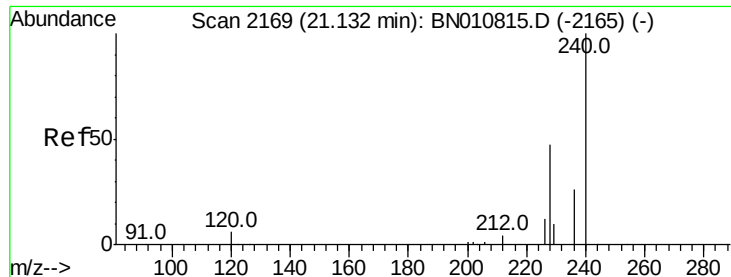


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

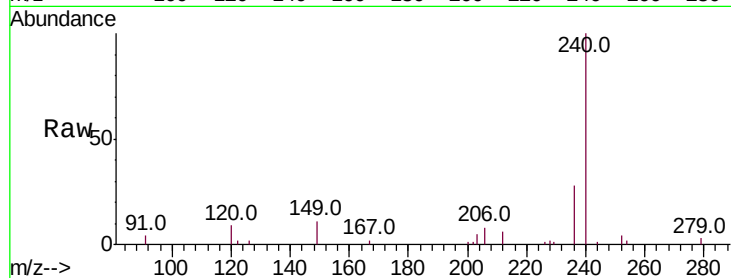




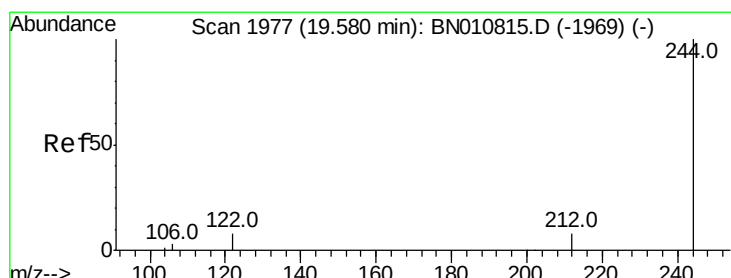
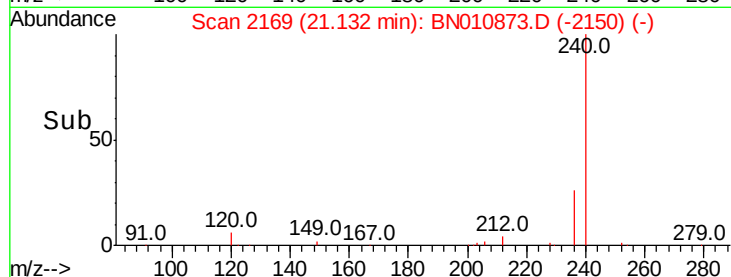
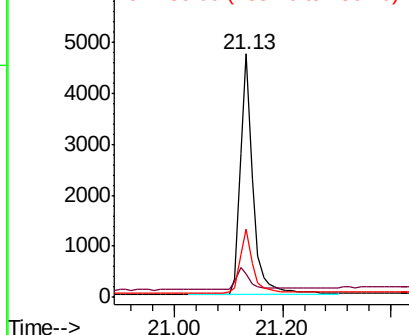
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.13 min Scan# 2169
 Delta R.T. 0.00 min
 Lab File: BN010873.D
 Acq: 15 Jun 2020 14:03

Instrument :
 BNA_N
 ClientSampleId :
 PB129538BL

Tot Ion:240 Resp: 7674
 Ion Ratio Lower Upper
 240 100
 120 9.4 7.5 11.3
 236 27.8 22.3 33.5

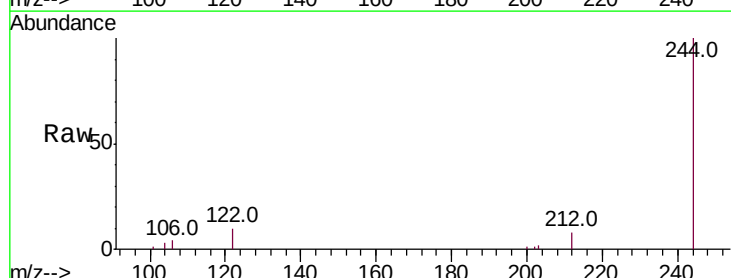


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

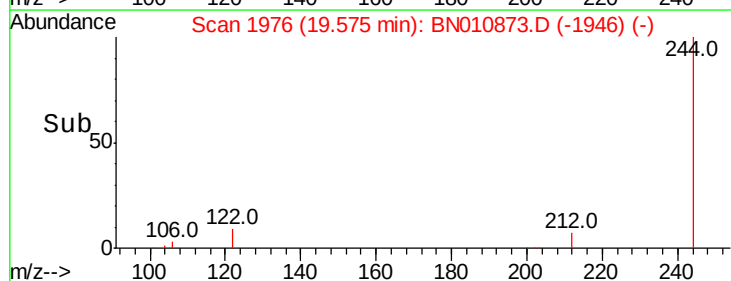
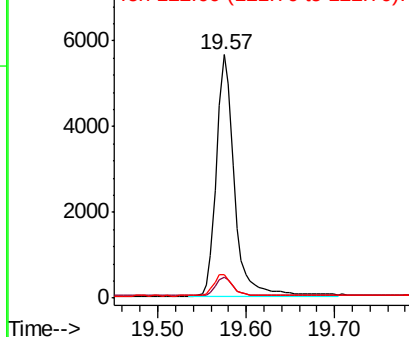


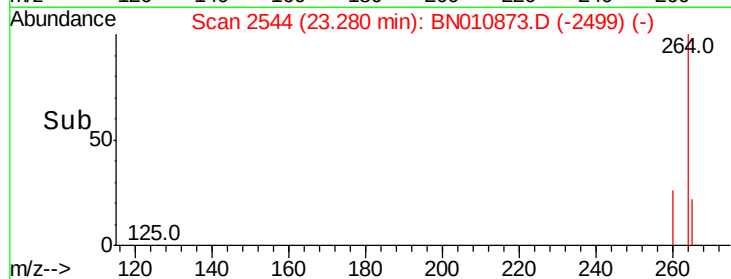
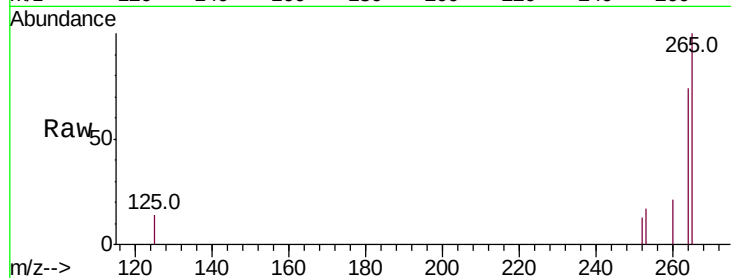
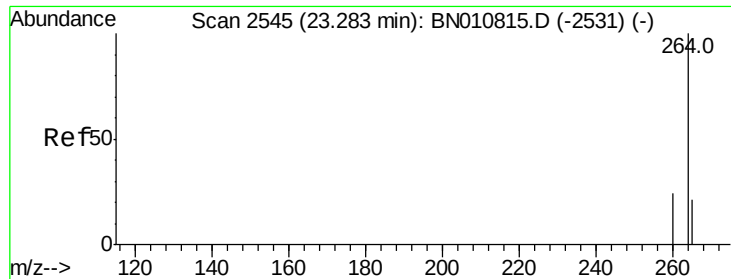
#29
 Terphenyl-d14
 Concen: 0.445 ng
 RT: 19.57 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: BN010873.D
 Acq: 15 Jun 2020 14:03

Tgt Ion:244 Resp: 7990
 Ion Ratio Lower Upper
 244 100
 212 8.4 7.4 11.2
 122 9.8 7.5 11.3



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





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.28 min Scan# 2544

Delta R.T. 0.00 min

Lab File: BN010873.D

Acq: 15 Jun 2020 14:03

Instrument :

BNA_N

ClientSampleId :

PB129538BL

Tot Ion:264 Resp: 5120

Ion Ratio Lower Upper

264 100

260 27.7 20.4 30.6

265 134.5 75.0 112.4#

