

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091319\
 Data File : BN007640.D
 Acq On : 13 Sep 2019 23:00
 Operator : HP/JU
 Sample : PB123061BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 14 05:13:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:27:51 2019
 Response via : Initial Calibration

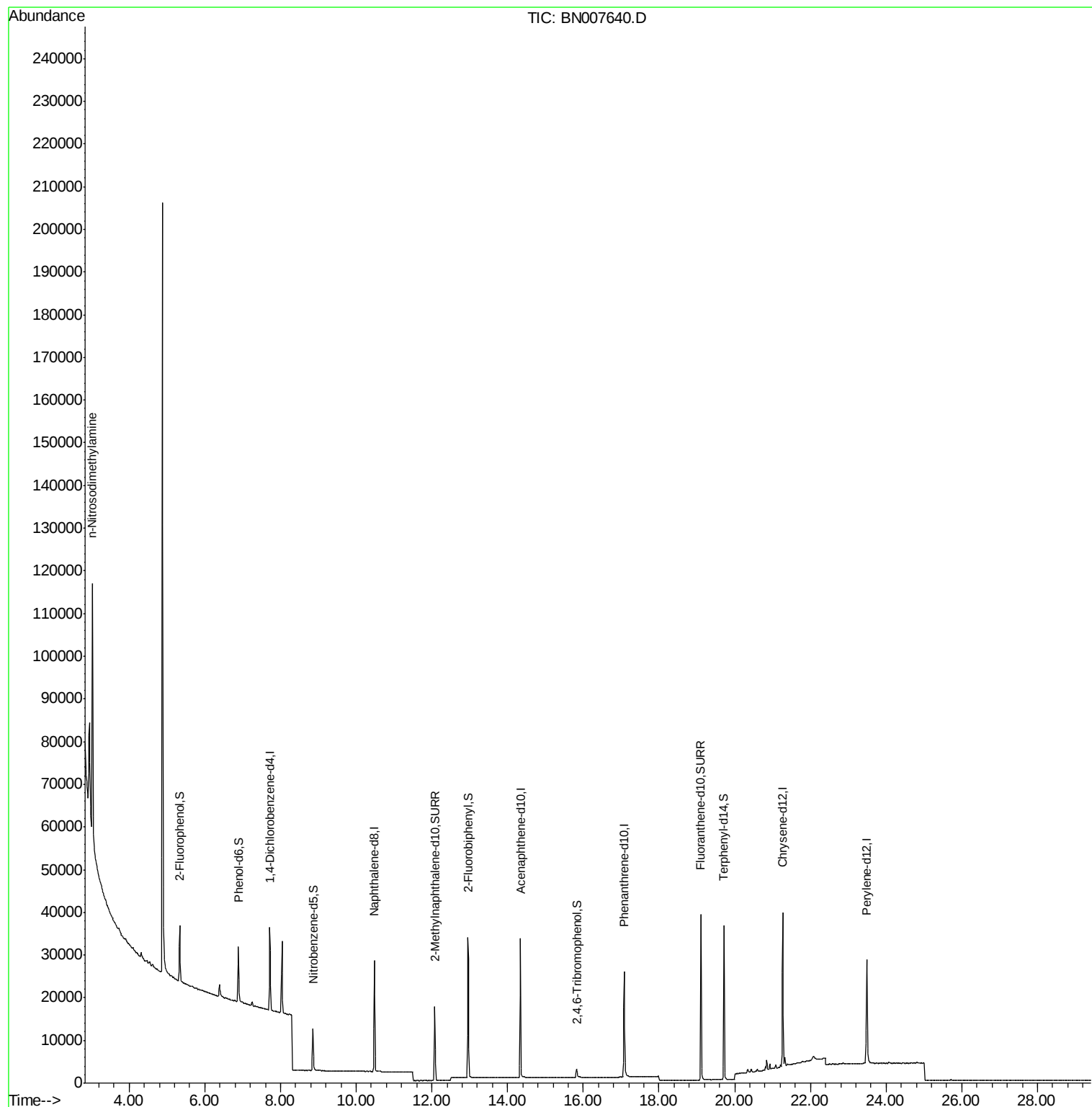
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	9021	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	34366	0.40	ng	-0.01
13) Acenaphthene-d10	14.34	164	18274	0.40	ng	0.00
19) Phenanthrene-d10	17.08	188	37155	0.40	ng	0.00
27) Chrysene-d12	21.27	240	33770	0.40	ng	-0.01
34) Perylene-d12	23.49	264	33306	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	10399	0.36	ng	0.00
5) Phenol-d6	6.89	99	13785	0.39	ng	0.00
8) Nitrobenzene-d5	8.86	82	10035	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	23166	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	1962	0.28	ng	0.00
15) 2-Fluorobiphenyl	12.95	172	30867	0.39	ng	-0.01
25) Fluoranthene-d10	19.11	212	45892	0.39	ng	0.00
29) Terphenyl-d14	19.72	244	37443	0.42	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.03	42	6172	1.258	ng	Qvalue # 1

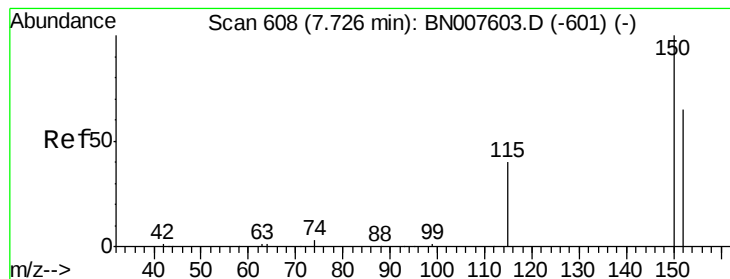
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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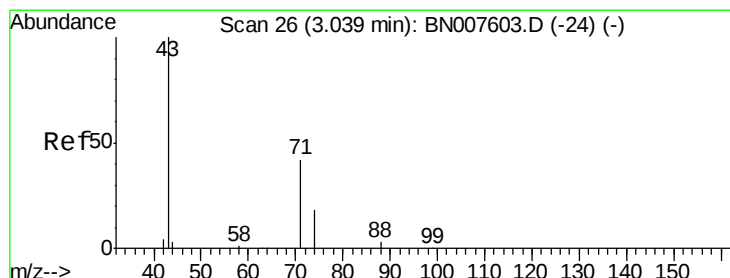
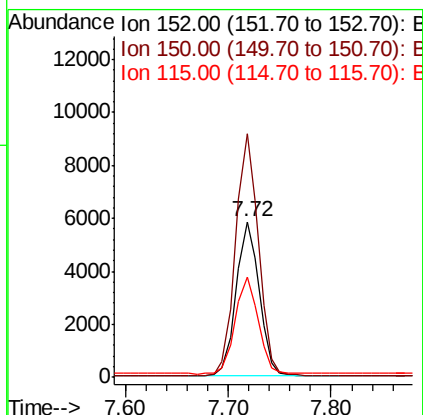
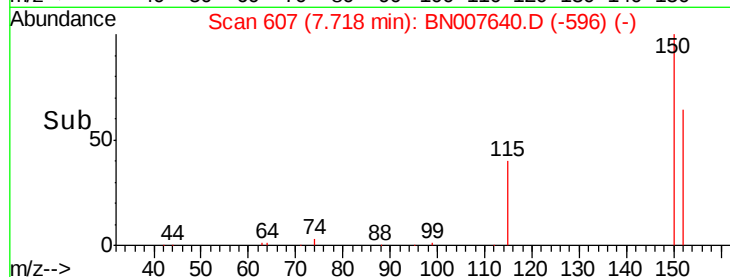
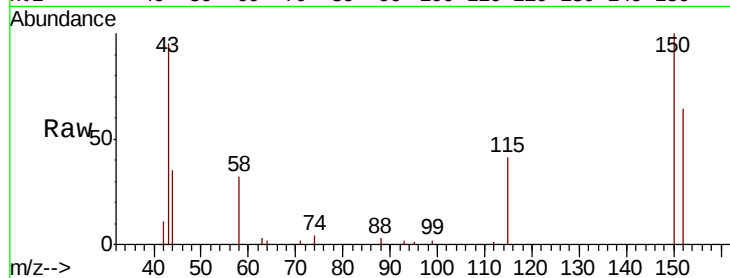


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 607
Delta R.T. -0.01 min
Lab File: BN007640.D
Acq: 13 Sep 2019 23:00

Instrument :
BNA_N
ClientSampleId :

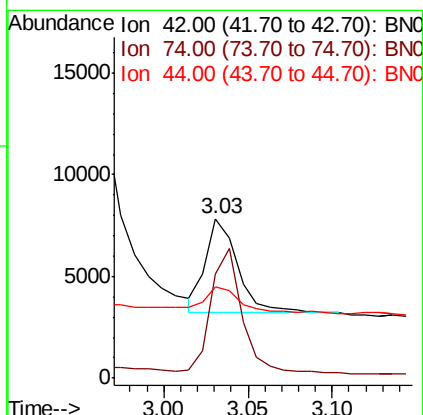
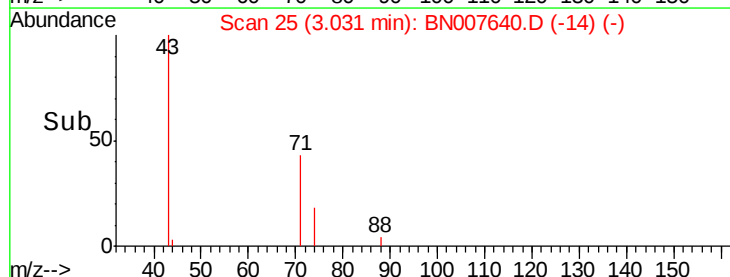
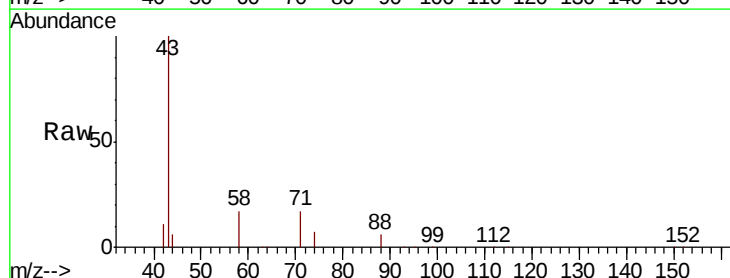
Tot Ion:152 Resp: 9021
Ion Ratio Lower Upper
152 100
150 156.6 122.4 183.6
115 64.4 50.4 75.6

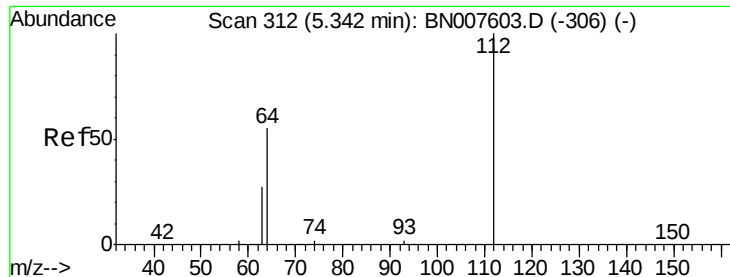


#3

n-Nitrosodimethylamine
Concen: 1.258 ng
RT: 3.03 min Scan# 25
Delta R.T. -0.01 min
Lab File: BN007640.D
Acq: 13 Sep 2019 23:00

Tgt Ion: 42 Resp: 6172
Ion Ratio Lower Upper
42 100
74 126.6 9.8 14.8#
44 35.1 0.0 0.0#





#4

2-Fluorophenol

Concen: 0.360 ng

RT: 5.33 min Scan# 311

Delta R.T. -0.01 min

Lab File: BN007640.D

Acq: 13 Sep 2019 23:00

Instrument :

BNA_N

ClientSampleId :

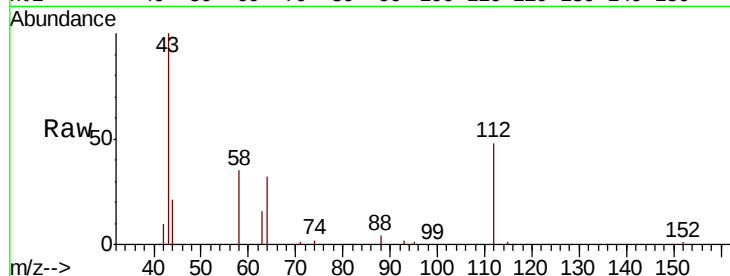
Tot Ion:112 Resp: 10399

Ion Ratio Lower Upper

112 100

64 60.3 48.5 72.7

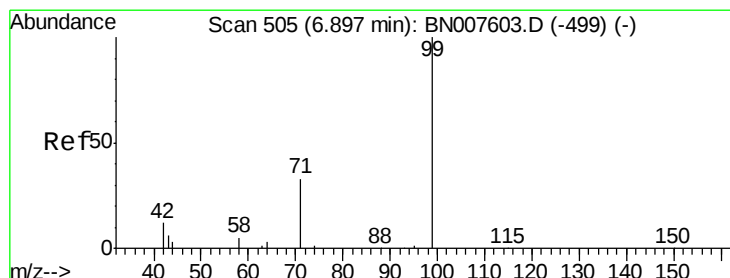
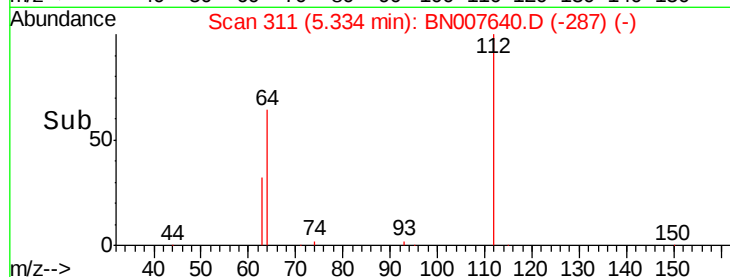
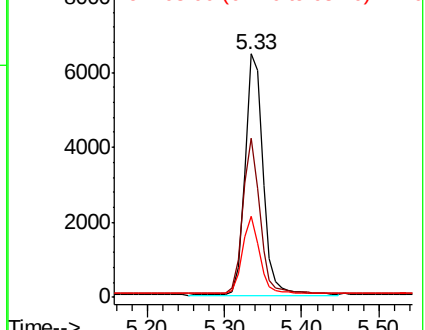
63 30.4 24.4 36.6



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: 0.392 ng

RT: 6.89 min Scan# 504

Delta R.T. -0.01 min

Lab File: BN007640.D

Acq: 13 Sep 2019 23:00

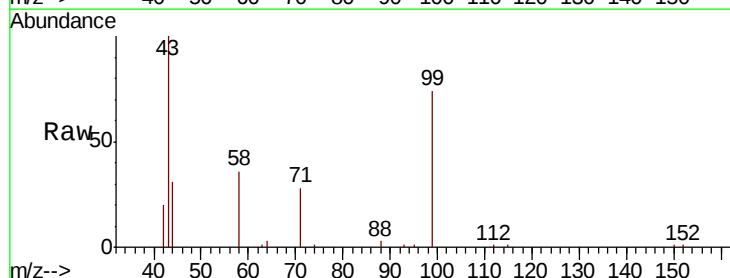
Tgt Ion: 99 Resp: 13785

Ion Ratio Lower Upper

99 100

42 15.1 11.8 17.6

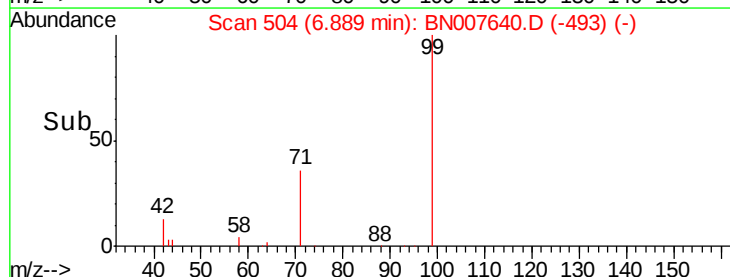
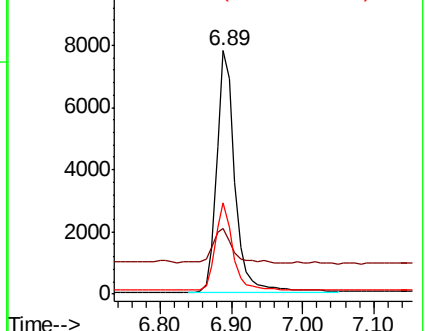
71 35.3 28.0 42.0

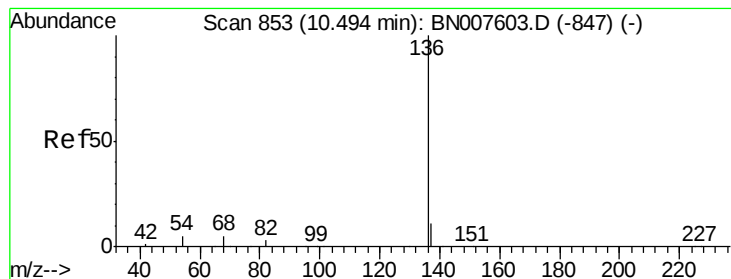


Abundance Ion 99.00 (98.70 to 99.70): BNO

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: 10.48 min Scan# 852

Delta R.T. -0.01 min

Lab File: BN007640.D

Acq: 13 Sep 2019 23:00

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 34366

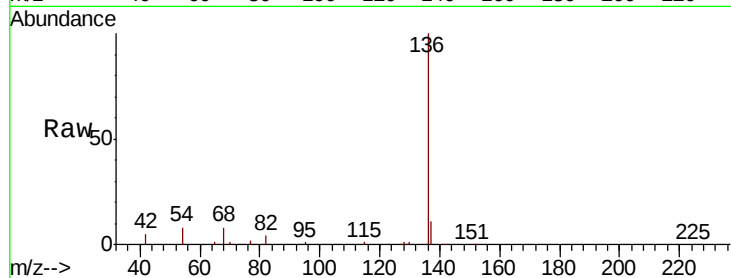
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.6 4.2 6.4#

68 8.1 4.6 7.0#

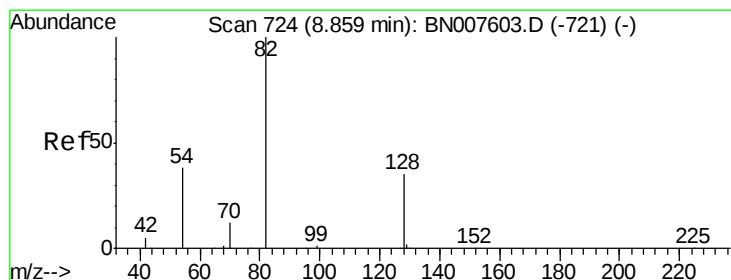
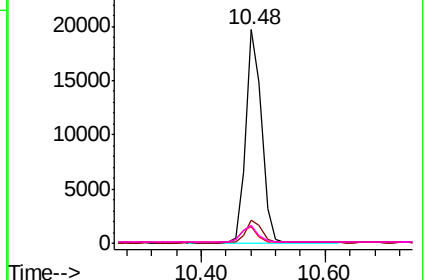
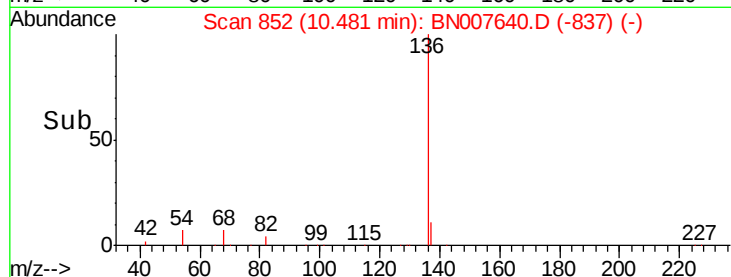


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.366 ng

RT: 8.86 min Scan# 724

Delta R.T. -0.00 min

Lab File: BN007640.D

Acq: 13 Sep 2019 23:00

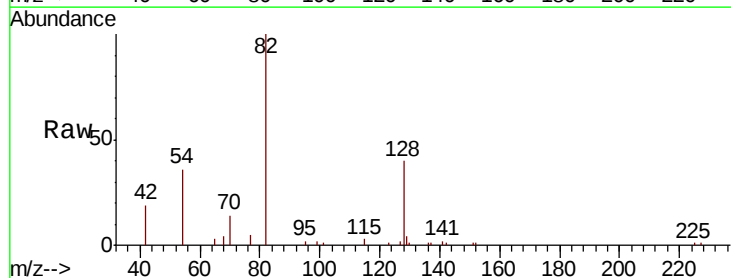
Tgt Ion: 82 Resp: 10035

Ion Ratio Lower Upper

82 100

128 40.0 27.9 41.9

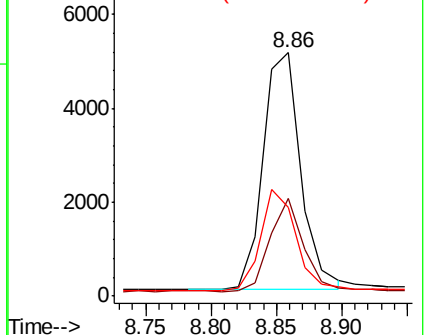
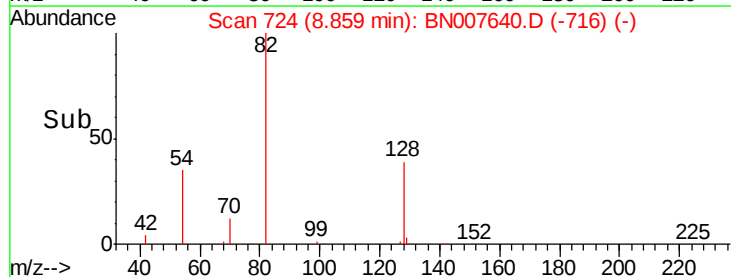
54 36.4 30.9 46.3

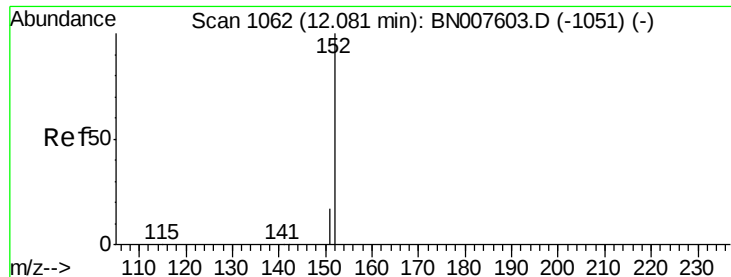


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

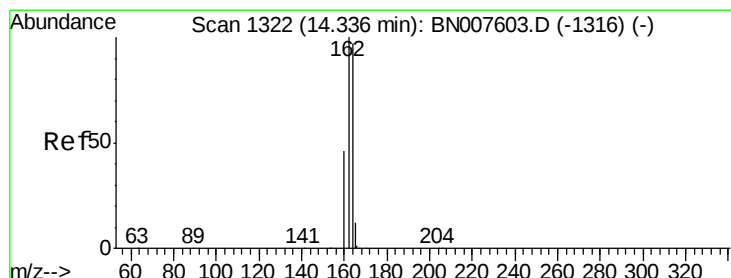
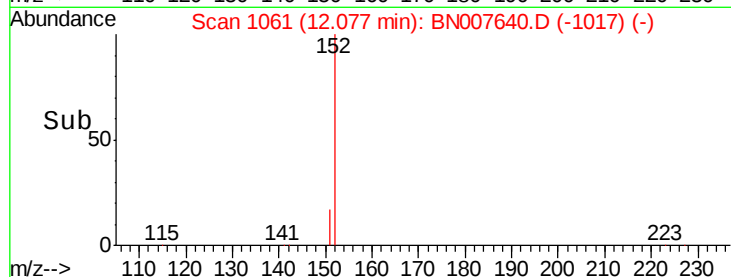
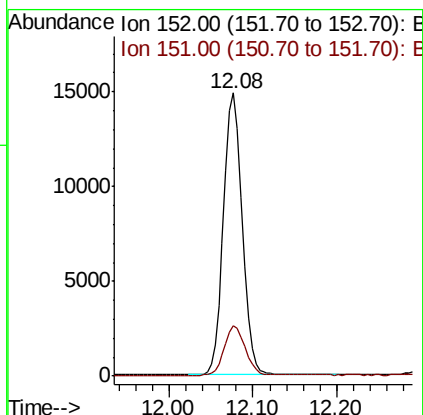
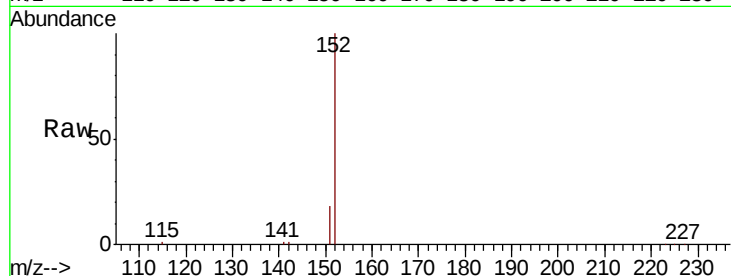




#11
2-Methylnaphthalene-d10
Concen: 0.398 ng
RT: 12.08 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BN007640.D
Acq: 13 Sep 2019 23:00

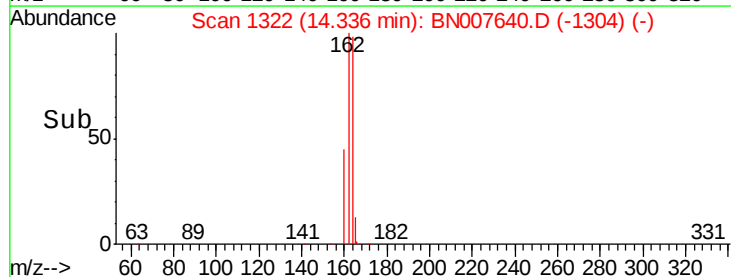
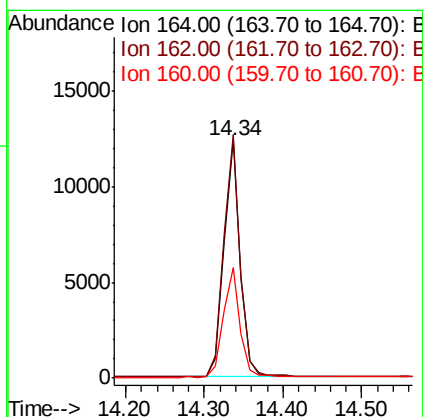
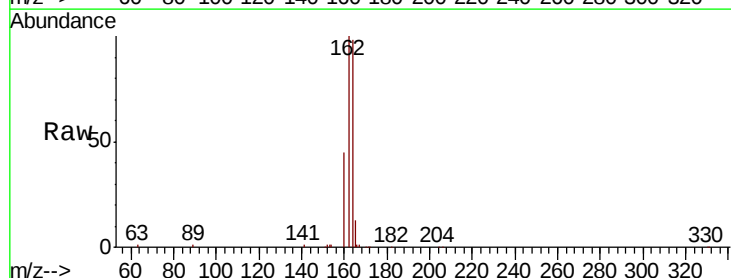
Instrument :
BNA_N
ClientSampleId :

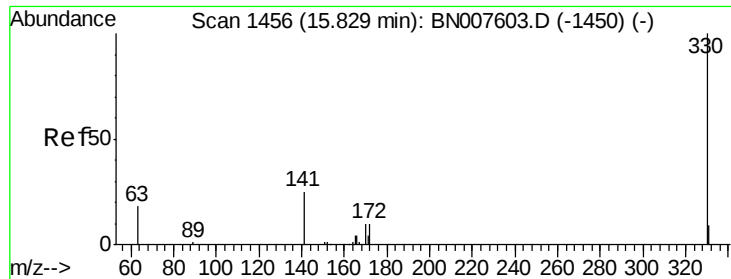
Tot Ion:152 Resp: 23166
Ion Ratio Lower Upper
152 100
151 19.0 15.3 22.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.34 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BN007640.D
Acq: 13 Sep 2019 23:00

Tgt Ion:164 Resp: 18274
Ion Ratio Lower Upper
164 100
162 102.2 82.8 124.2
160 46.4 38.0 57.0

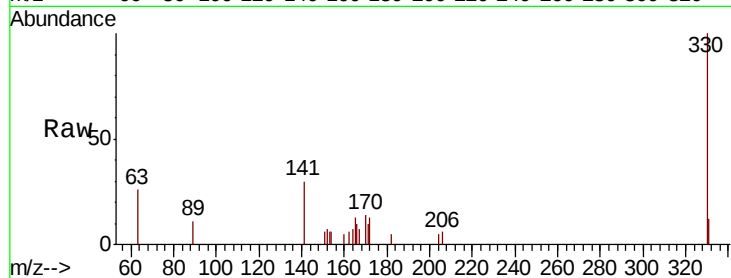




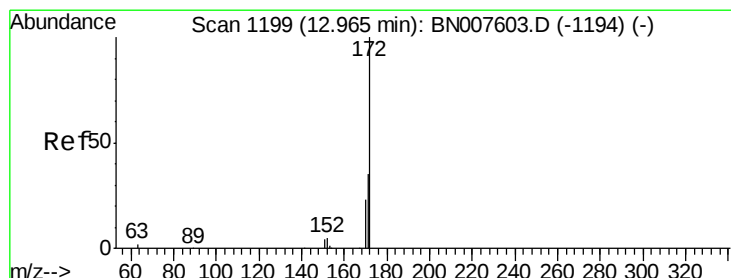
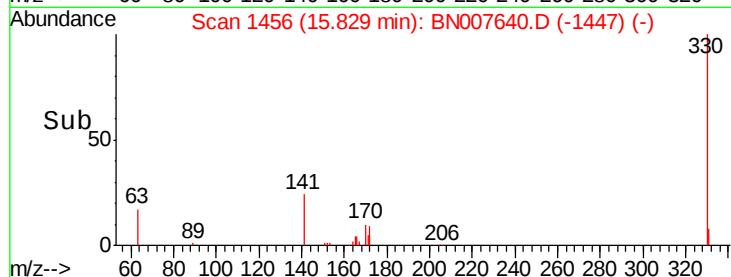
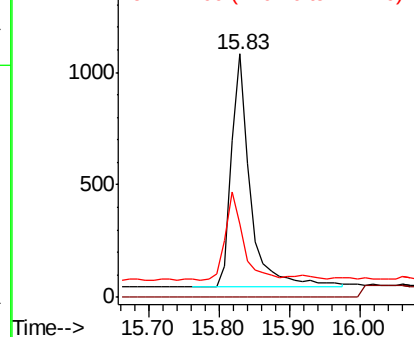
#14
 2,4,6-Tribromophenol
 Concen: 0.284 ng
 RT: 15.83 min Scan# 1456
 Delta R.T. -0.00 min
 Lab File: BN007640.D
 Acq: 13 Sep 2019 23:00

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:330 Resp: 1962
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 36.1 30.1 45.1

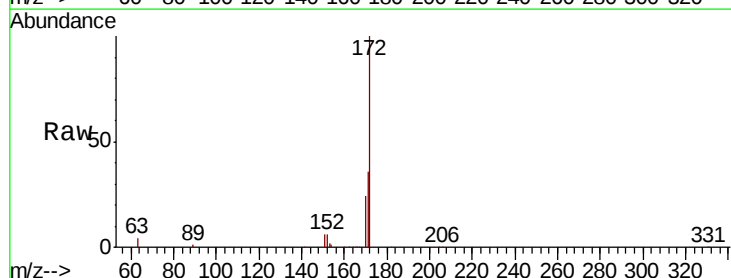


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

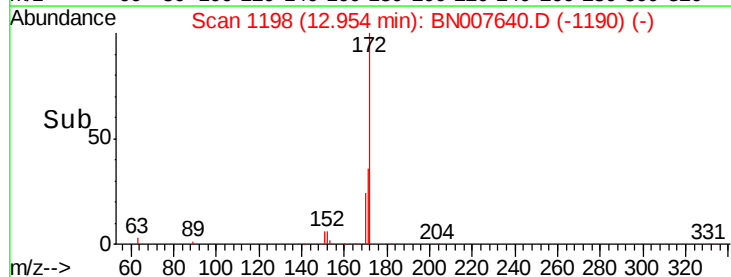
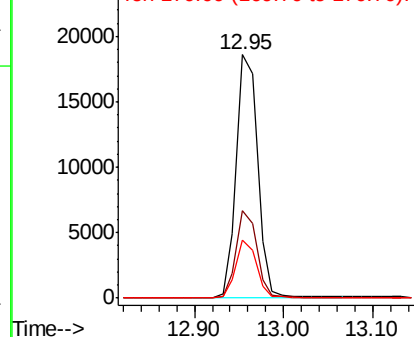


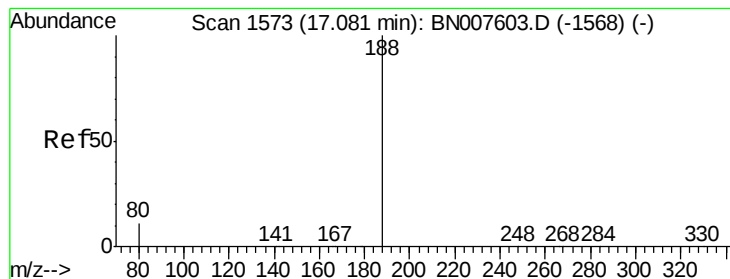
#15
 2-Fluorobiphenyl
 Concen: 0.387 ng
 RT: 12.95 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BN007640.D
 Acq: 13 Sep 2019 23:00

Tgt Ion:172 Resp: 30867
 Ion Ratio Lower Upper
 172 100
 171 35.8 27.9 41.9
 170 24.1 18.5 27.7



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: 17.08 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BN007640.D

Acq: 13 Sep 2019 23:00

Instrument :

BNA_N

ClientSampleId :

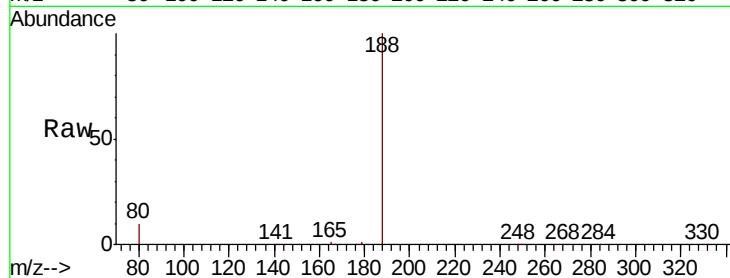
Tot Ion:188 Resp: 37155

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

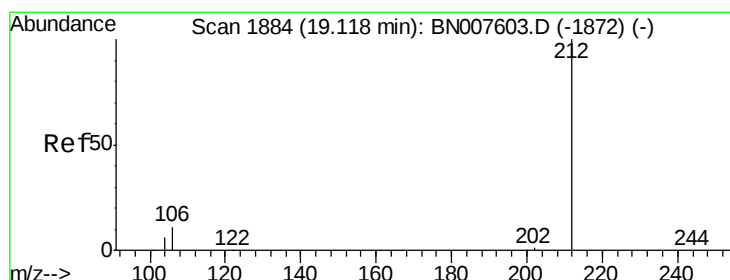
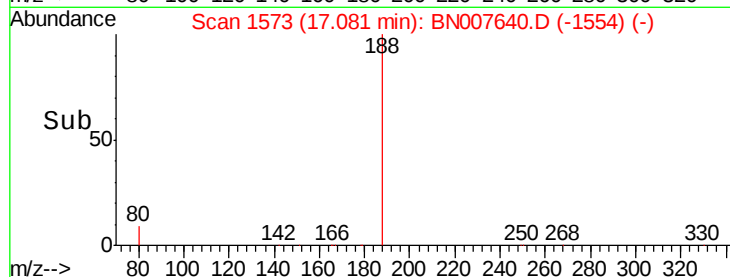
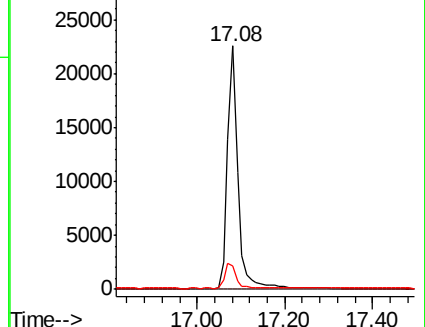
80 9.8 8.8 13.2



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: 0.391 ng

RT: 19.11 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BN007640.D

Acq: 13 Sep 2019 23:00

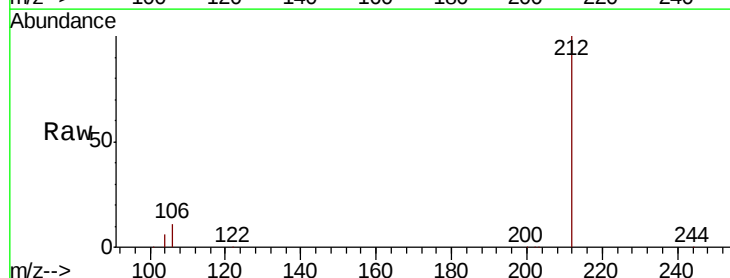
Tgt Ion:212 Resp: 45892

Ion Ratio Lower Upper

212 100

106 12.3 9.6 14.4

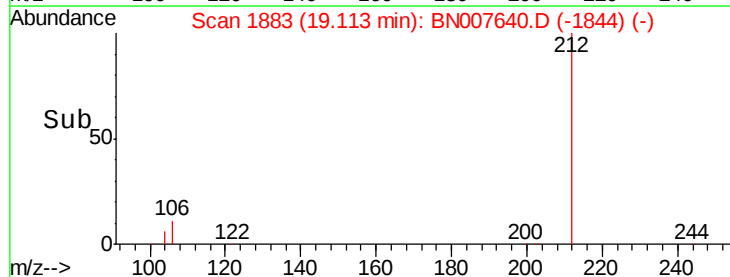
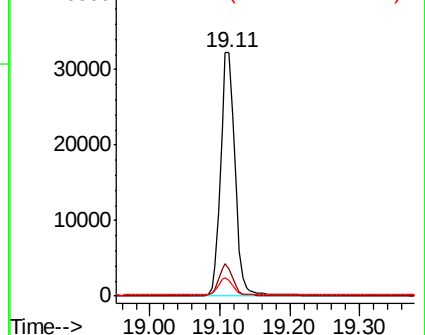
104 7.0 5.4 8.0

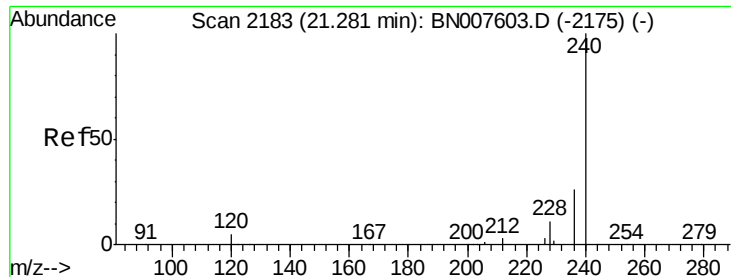


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.27 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BN007640.D

Acq: 13 Sep 2019 23:00

Instrument :

BNA_N

ClientSampleId :

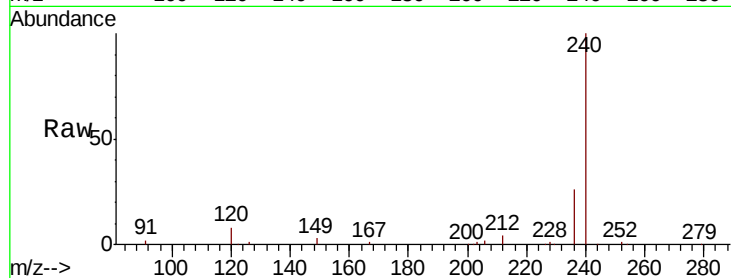
Tot Ion:240 Resp: 33770

Ion Ratio Lower Upper

240 100

120 7.6 4.3 6.5#

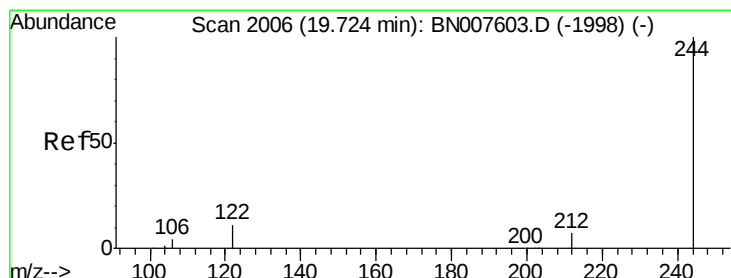
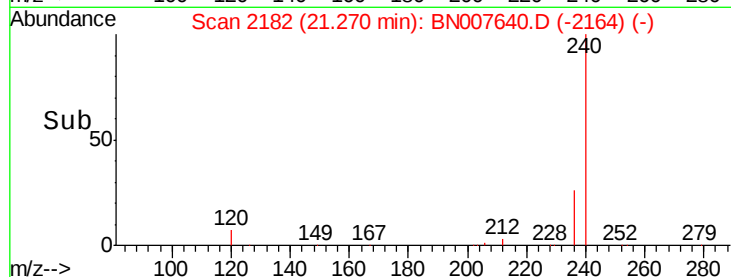
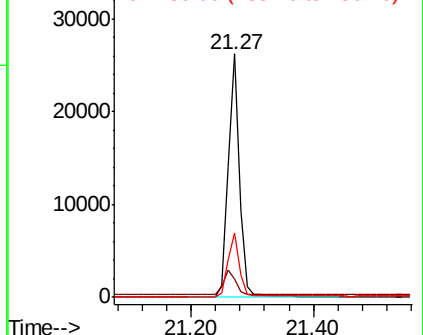
236 26.4 20.8 31.2



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



#29

Terphenyl-d14

Concen: 0.420 ng

RT: 19.72 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BN007640.D

Acq: 13 Sep 2019 23:00

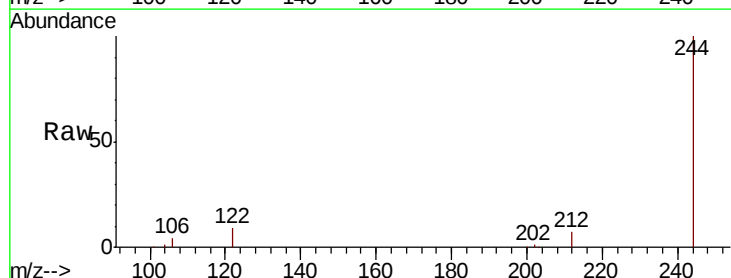
Tgt Ion:244 Resp: 37443

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

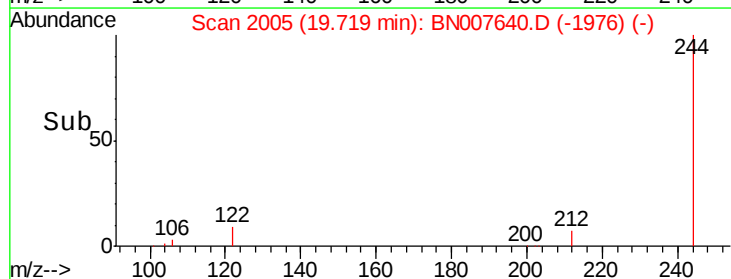
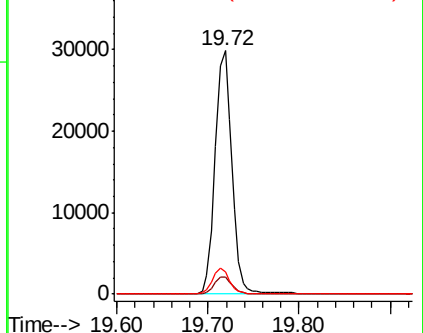
122 9.4 8.6 12.8

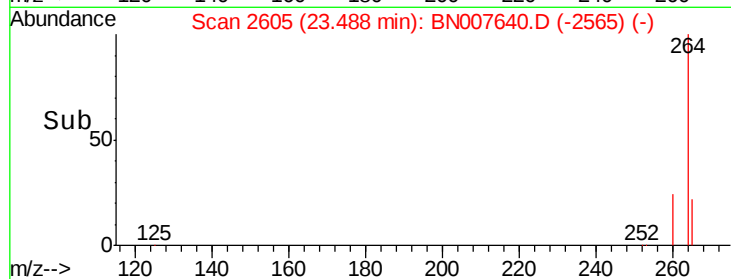
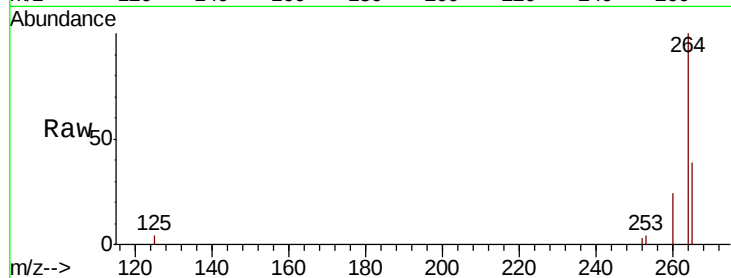
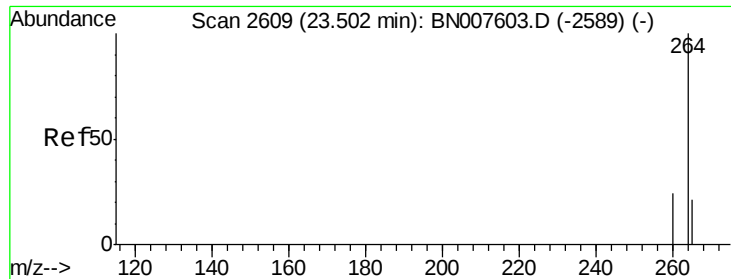


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.49 min Scan# 2605

Delta R.T. -0.01 min

Lab File: BN007640.D

Acq: 13 Sep 2019 23:00

Instrument :

BNA_N

ClientSampleId :

Tot Ion:264 Resp: 33306

Ion Ratio Lower Upper

264 100

260 24.5 19.1 28.7

265 38.7 24.6 37.0

