

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070119\
 Data File : BN006681.D
 Acq On : 02 Jul 2019 04:35
 Operator : HP/JU
 Sample : K3473-01DL 100X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-1DL

Quant Time: Jul 02 14:36:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 13:47:56 2019
 Response via : Initial Calibration

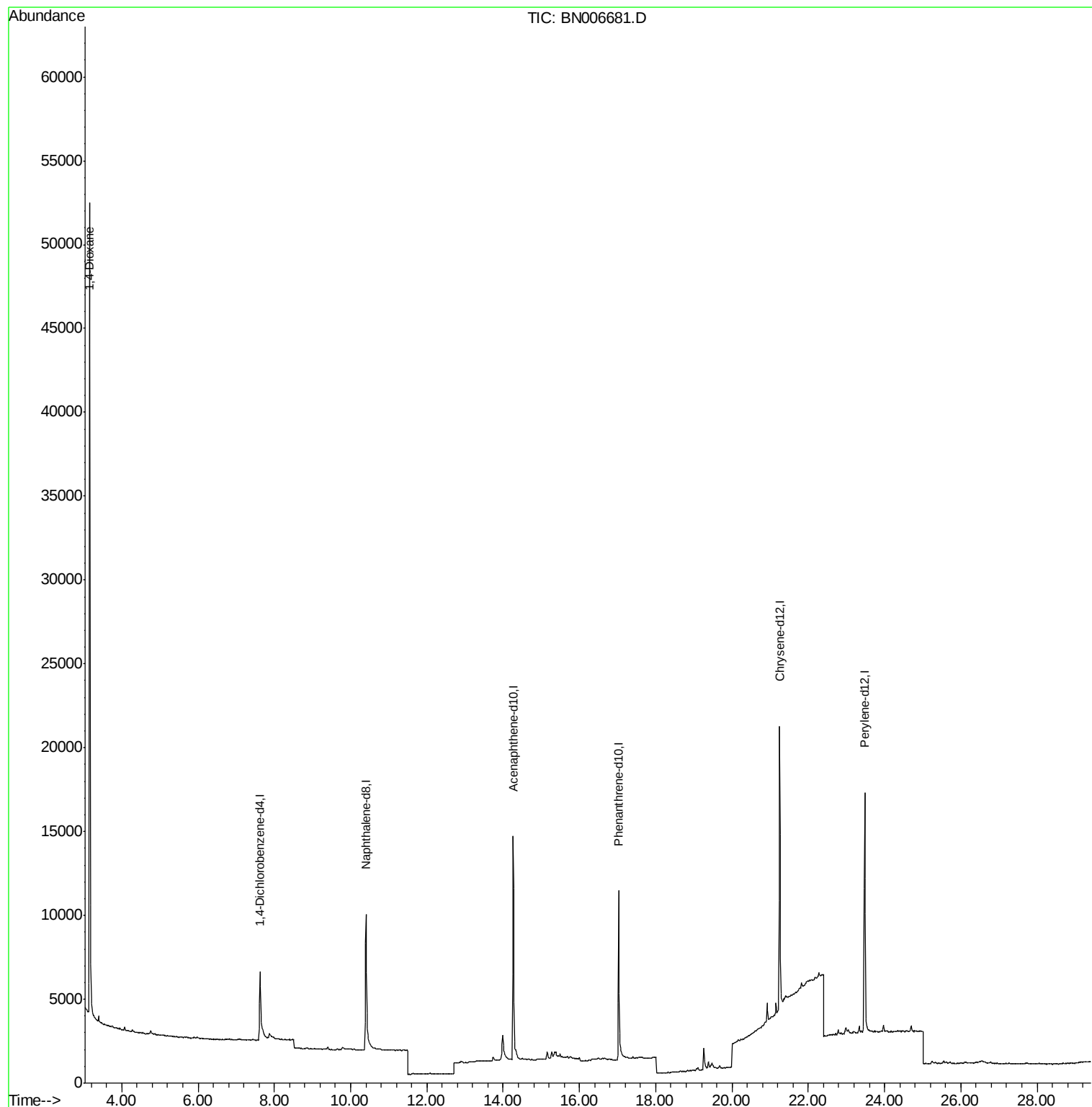
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3780	0.40	ng	0.00
7) Naphthalene-d8	10.40	136	15862	0.40	ng	0.00
13) Acenaphthene-d10	14.27	164	8864	0.40	ng	-0.01
19) Phenanthrene-d10	17.03	188	18715	0.40	ng	-0.01
27) Chrysene-d12	21.25	240	16732	0.40	ng	-0.02
34) Perylene-d12	23.48	264	19498	0.40	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.28	112	19	0.00	ng	0.04
5) Phenol-d6	0.00	99	0d	0.00	ng	
8) Nitrobenzene-d5	0.00	82	0d	0.00	ng	
11) 2-Methylnaphthalene-d10	12.01	152	76	0.00	ng	0.00
14) 2,4,6-Tribromophenol	15.80	330	23	0.01	ng	0.01
15) 2-Fluorobiphenyl	12.89	172	165	0.01	ng	0.00
25) Fluoranthene-d10	19.08	212	214	0.00	ng	0.00
29) Terphenyl-d14	19.68	244	218	0.01	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.16	88	30071	5.749	ng	Qvalue 98

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

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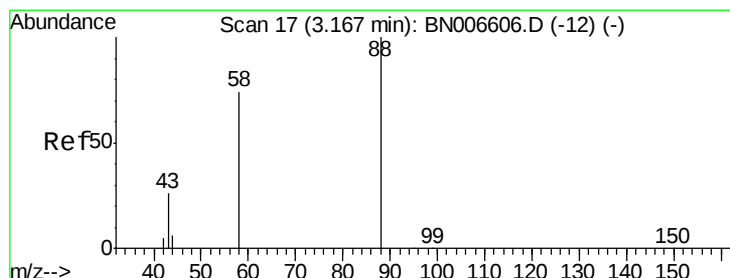
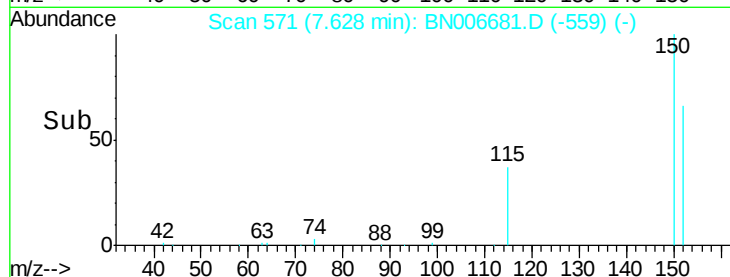
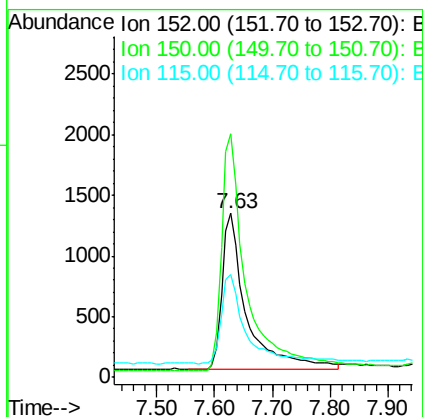
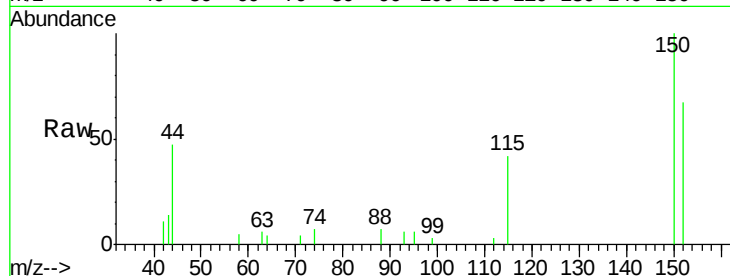


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 571
Delta R.T. -0.00 min
Lab File: BN006681.D
Acq: 02 Jul 2019 04:35

Instrument :
BNA_N
ClientSampleId :
MW-1DL

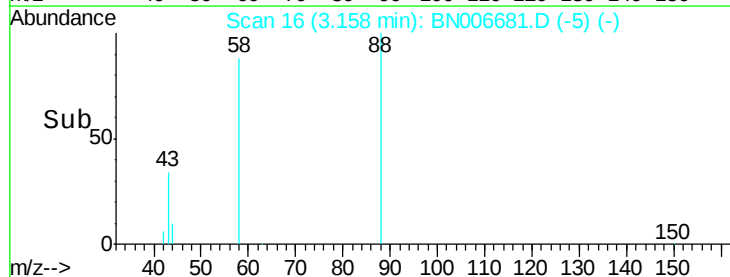
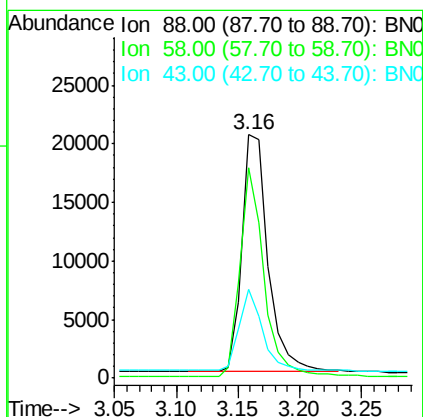
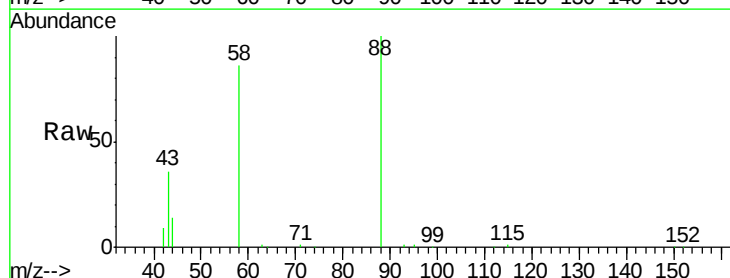
Tot Ion:152 Resp: 3780
Ion Ratio Lower Upper
152 100
150 148.5 122.2 183.2
115 62.4 50.0 75.0

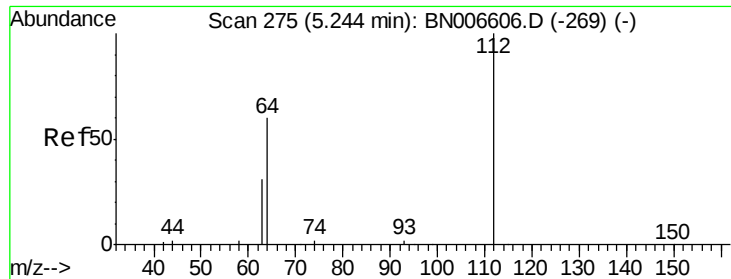


#2

1,4-Dioxane
Concen: 5.749 ng
RT: 3.16 min Scan# 16
Delta R.T. -0.01 min
Lab File: BN006681.D
Acq: 02 Jul 2019 04:35

Tgt Ion: 88 Resp: 30071
Ion Ratio Lower Upper
88 100
58 79.5 62.5 93.7
43 30.0 25.4 38.0





#4

2-Fluorophenol

Concen: 0.002 ng

RT: 5.28 min Scan# 280

Delta R.T. 0.04 min

Lab File: BN006681.D

Acq: 02 Jul 2019 04:35

Instrument :

BNA_N

ClientSampleId :

MW-1DL

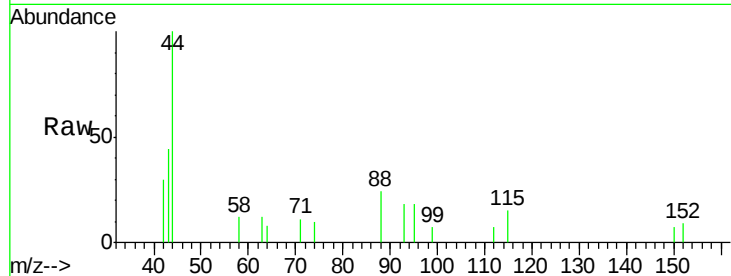
Tot Ion:112 Resp: 19

Ion Ratio Lower Upper

112 100

64 0.0 48.9 73.3#

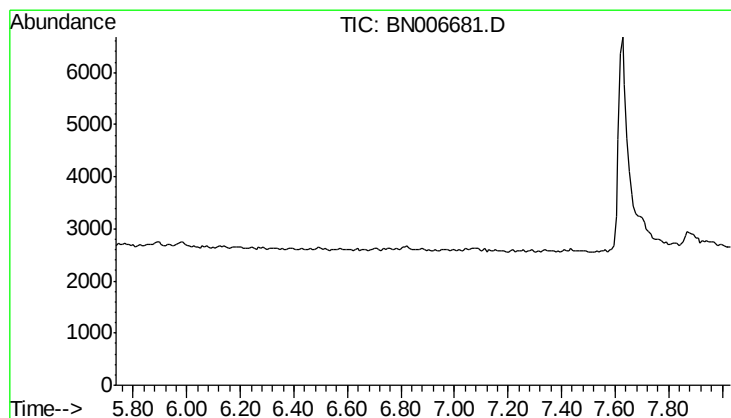
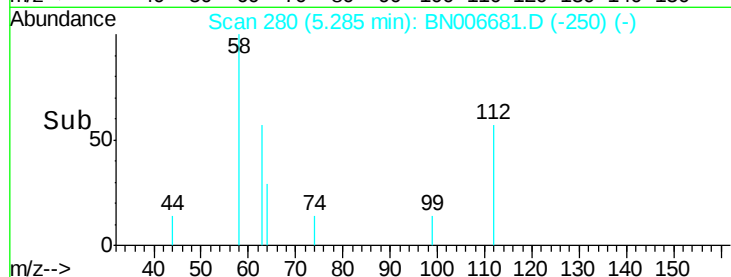
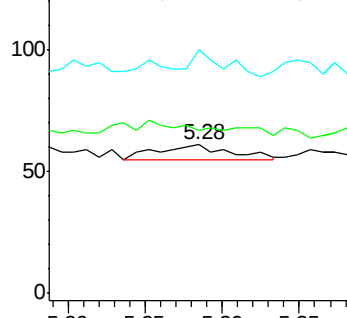
63 73.7 24.3 36.5#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO



#5

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.83 min

Lab File: BN006681.D

Acq: 02 Jul 2019 04:35

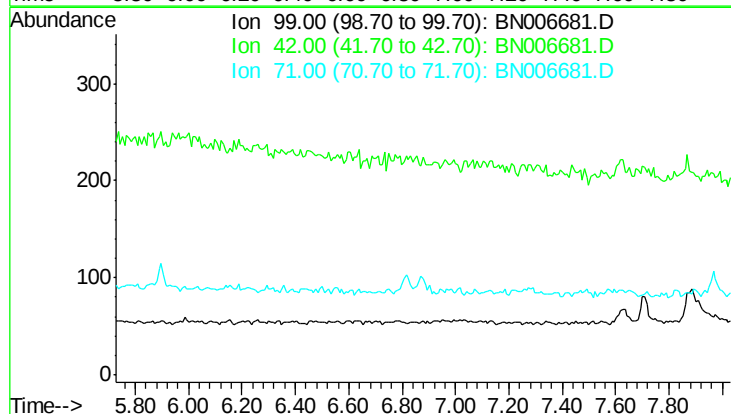
Tgt Ion: 99

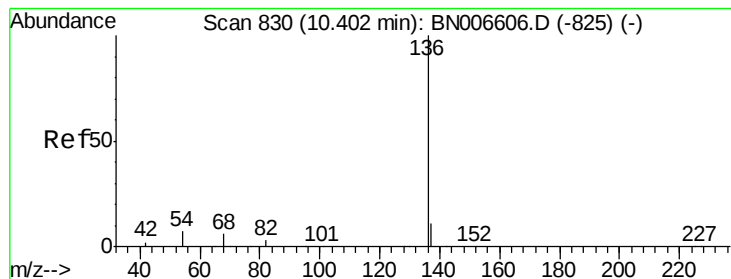
Sig Exp Ratio

99 100

42 20.5

71 33.3





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.40 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN006681.D

Acq: 02 Jul 2019 04:35

Instrument :

BNA_N

ClientSampleId :

MW-1DL

Tot Ion:136 Resp: 15862

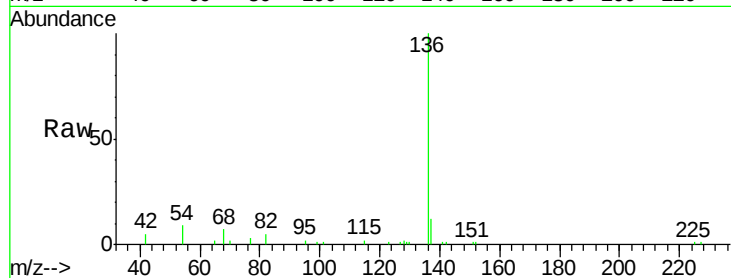
Ion Ratio Lower Upper

136 100

137 11.6 9.3 13.9

54 8.8 6.7 10.1

68 7.1 5.3 7.9

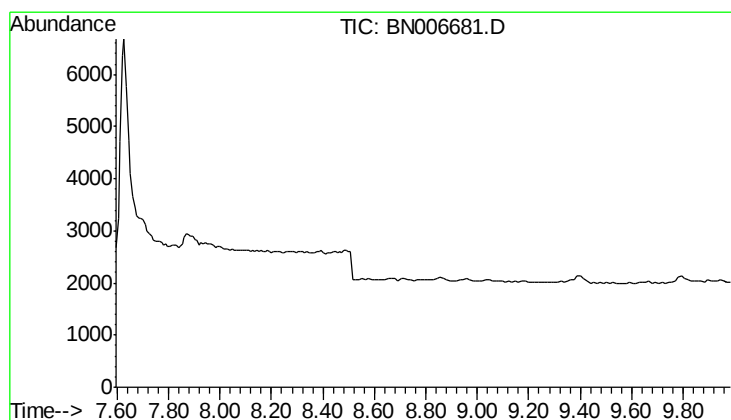
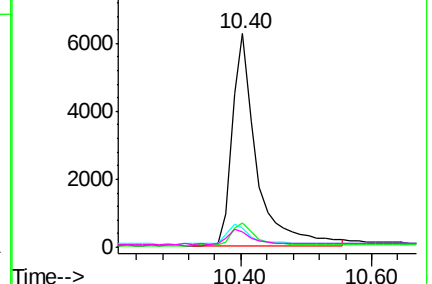
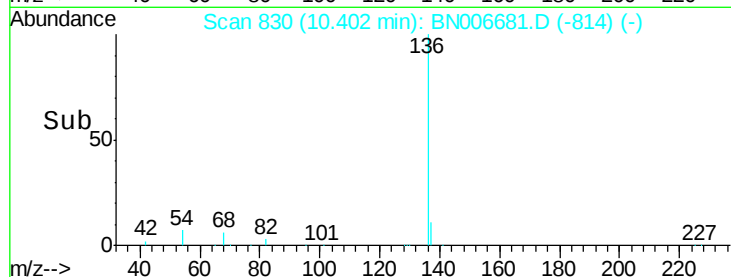


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.000 ng

Expected RT: 8.79 min

Lab File: BN006681.D

Acq: 02 Jul 2019 04:35

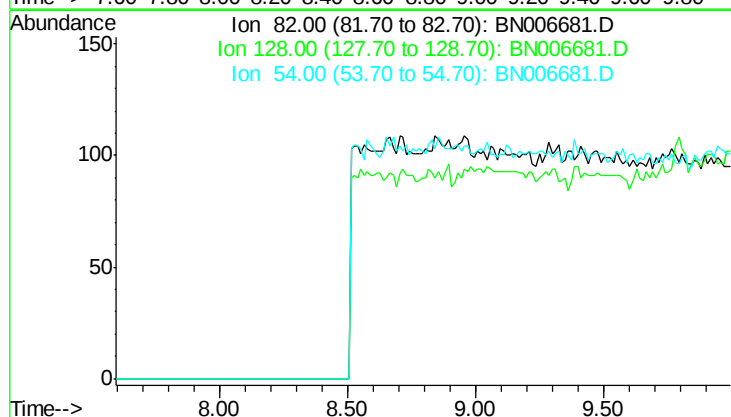
Tgt Ion: 82

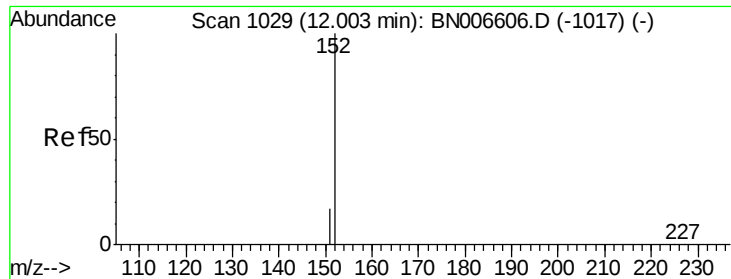
Sig Exp Ratio

82 100

128 40.8

54 60.3

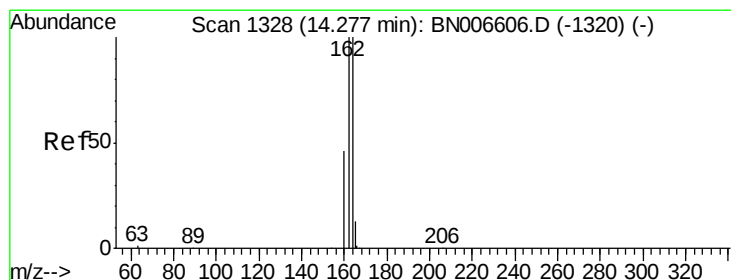
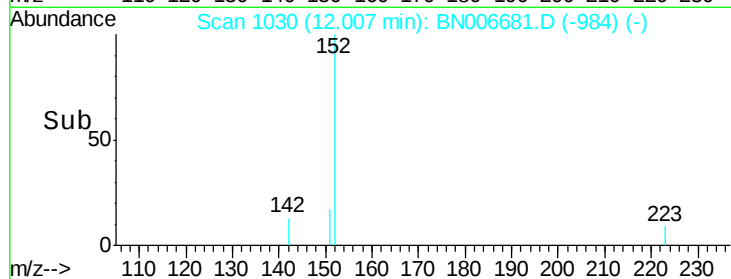
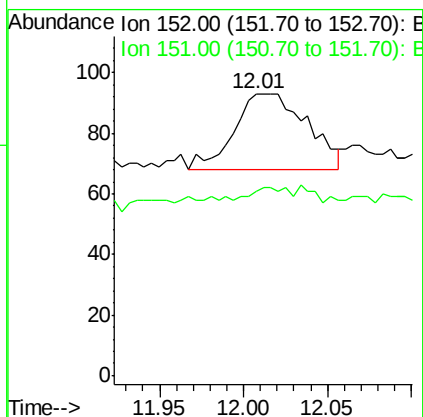
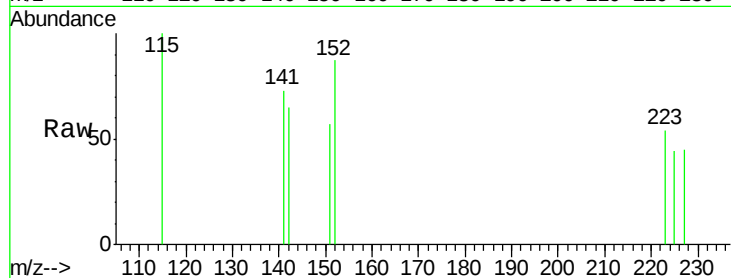




#11
2-Methylnaphthalene-d10
Concen: 0.003 ng
RT: 12.01 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BN006681.D
Acq: 02 Jul 2019 04:35

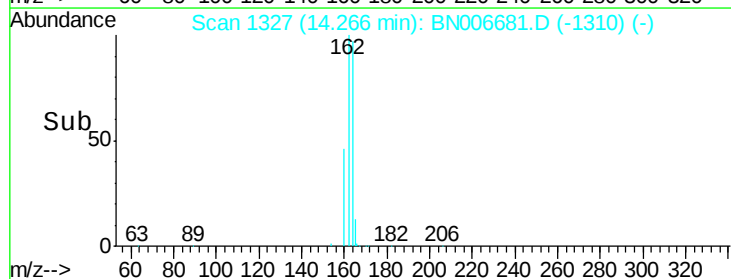
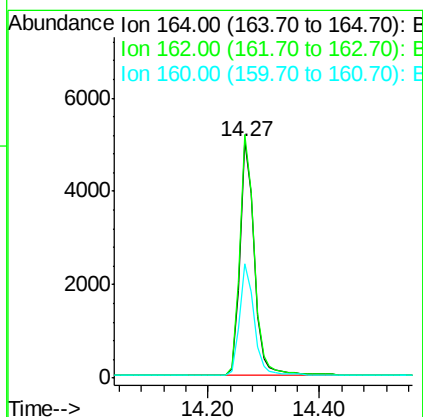
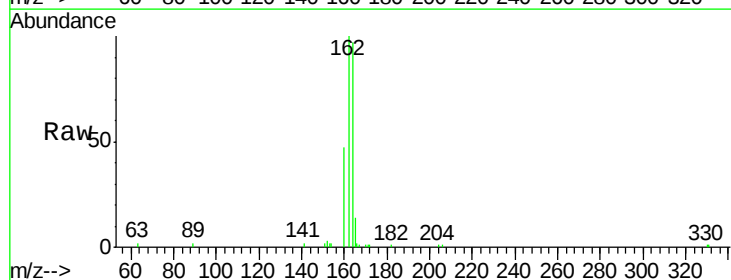
Instrument :
BNA_N
ClientSampled :
MW-1DL

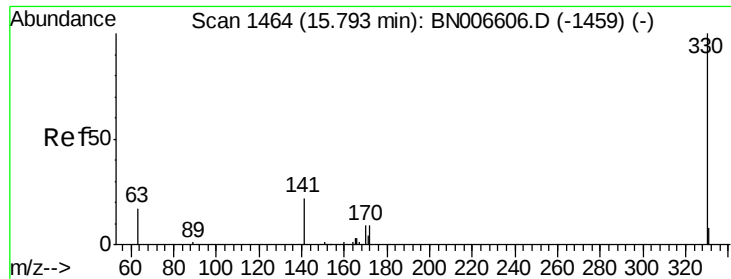
Tot Ion:152 Resp: 76
Ion Ratio Lower Upper
152 100
151 7.9 15.0 22.4#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.27 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BN006681.D
Acq: 02 Jul 2019 04:35

Tgt Ion:164 Resp: 8864
Ion Ratio Lower Upper
164 100
162 102.9 80.0 120.0
160 48.3 37.0 55.4

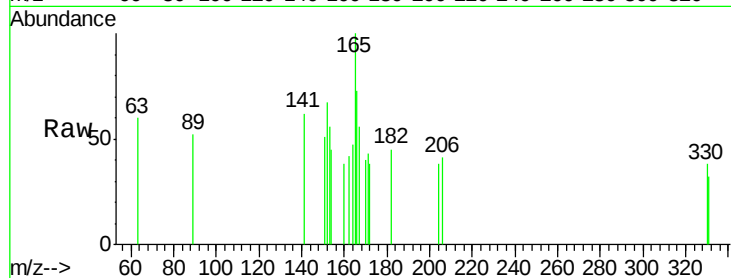




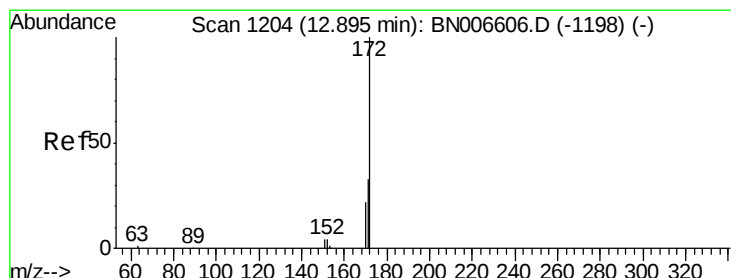
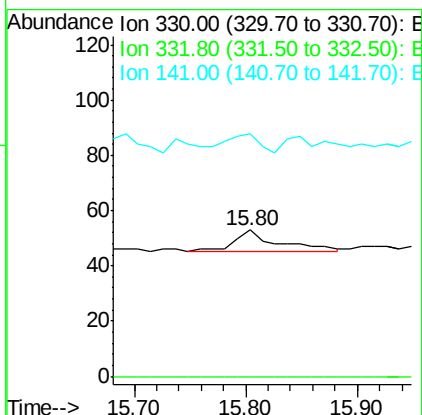
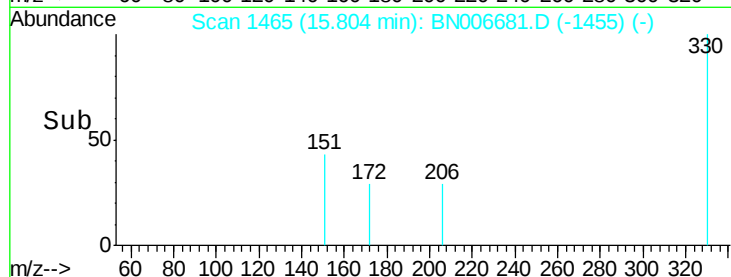
#14
 2,4,6-Tribromophenol
 Concen: 0.006 ng
 RT: 15.80 min Scan# 1465
 Delta R.T. 0.01 min
 Lab File: BN006681.D
 Acq: 02 Jul 2019 04:35

Instrument :
 BNA_N
 ClientSampled :
 MW-1DL

Tot Ion:330 Resp: 23
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 56.5 26.5 39.7#

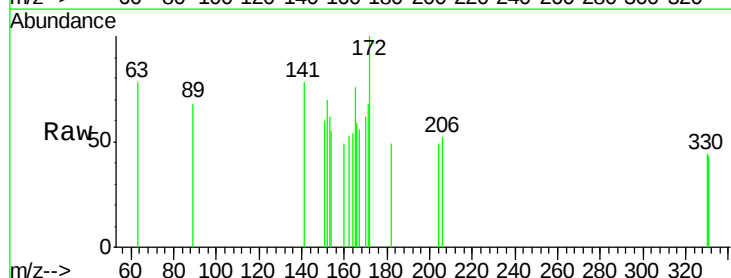


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

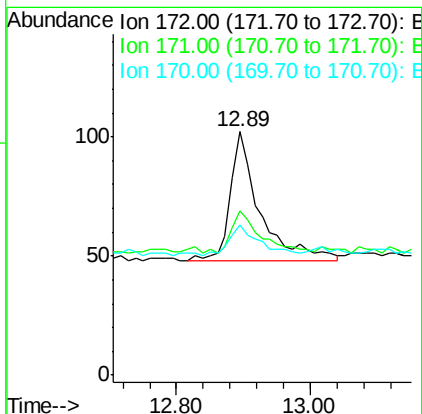
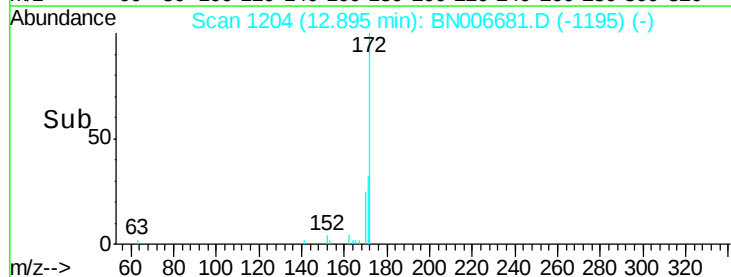


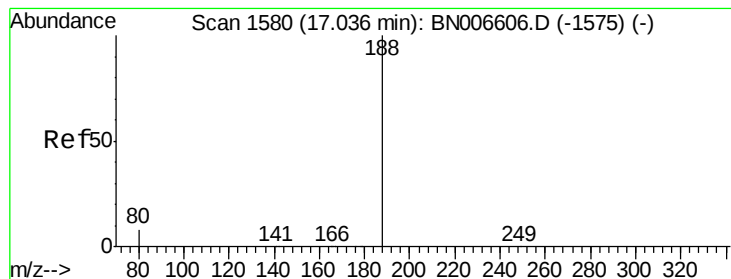
#15
 2-Fluorobiphenyl
 Concen: 0.005 ng
 RT: 12.89 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BN006681.D
 Acq: 02 Jul 2019 04:35

Tgt Ion:172 Resp: 165
 Ion Ratio Lower Upper
 172 100
 171 67.6 27.0 40.4#
 170 61.8 17.7 26.5#



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: 17.03 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BN006681.D

Acq: 02 Jul 2019 04:35

Instrument :

BNA_N

ClientSampleId :

MW-1DL

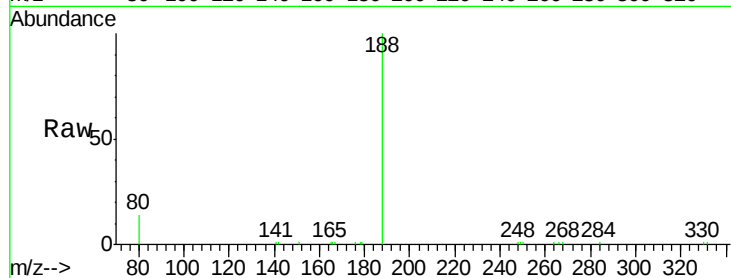
Tot Ion:188 Resp: 18715

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

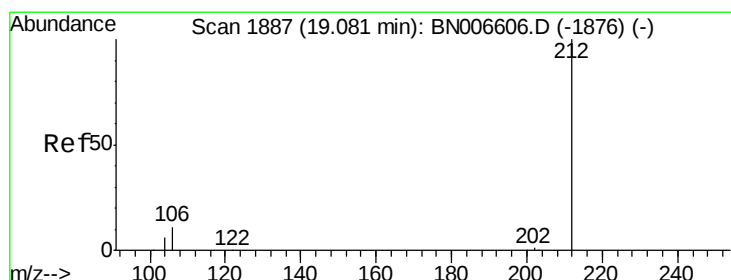
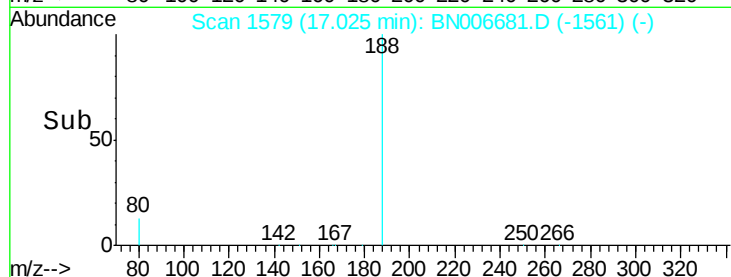
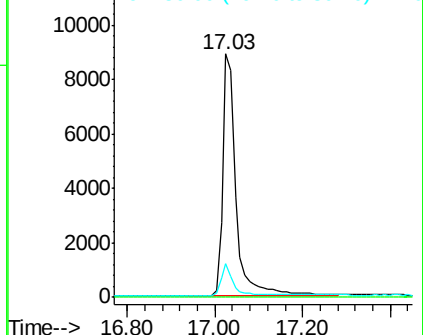
80 13.8 7.1 10.7#



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: 0.004 ng

RT: 19.08 min Scan# 1886

Delta R.T. -0.01 min

Lab File: BN006681.D

Acq: 02 Jul 2019 04:35

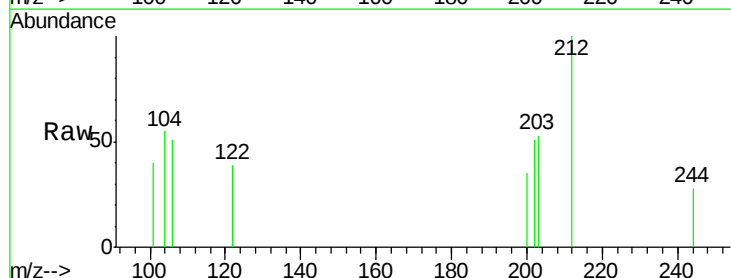
Tgt Ion:212 Resp: 214

Ion Ratio Lower Upper

212 100

106 15.4 10.6 15.8

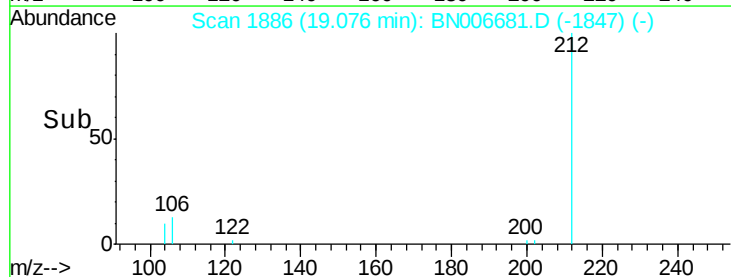
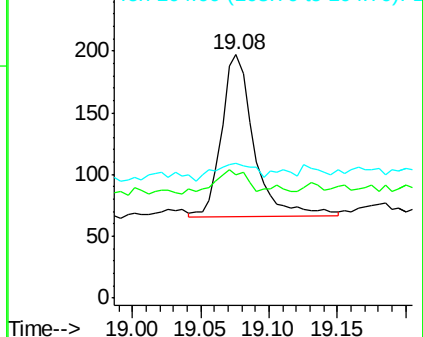
104 13.6 5.8 8.6#

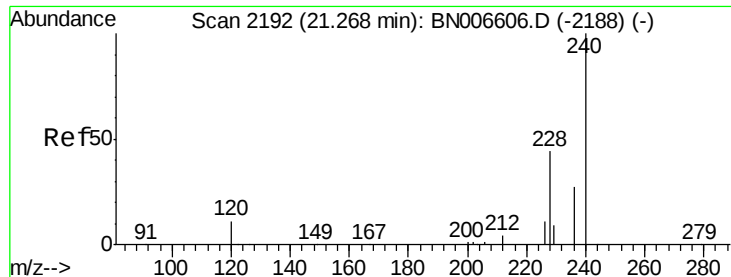


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

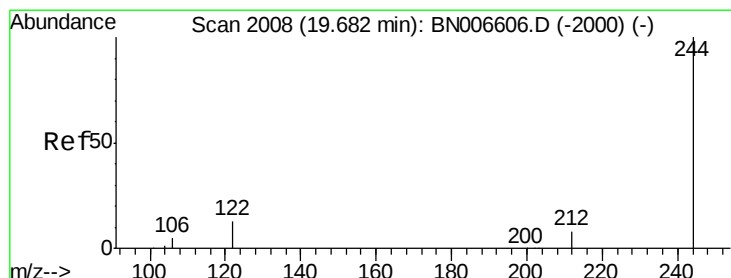
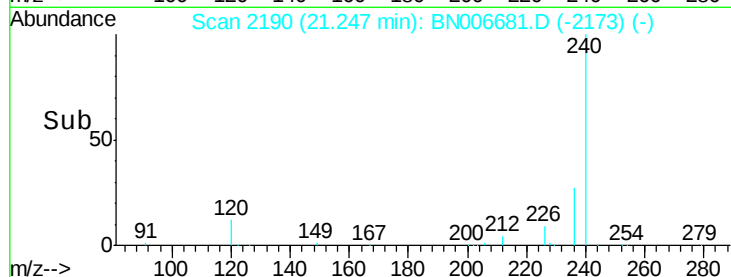
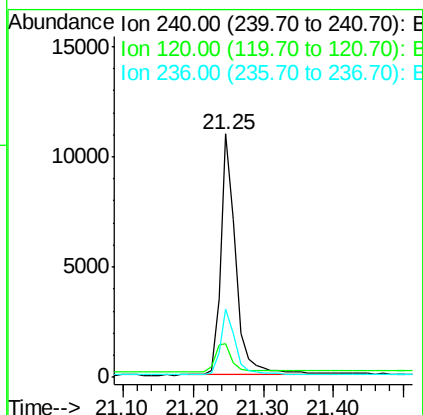
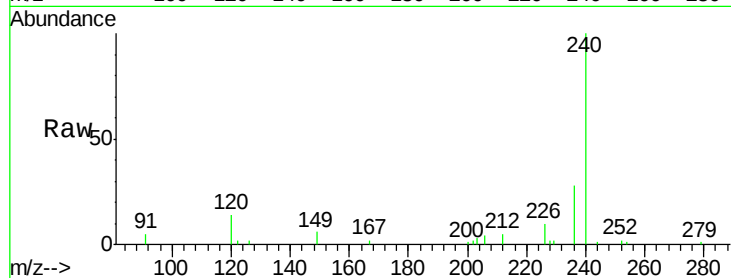




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BN006681.D
Acq: 02 Jul 2019 04:35

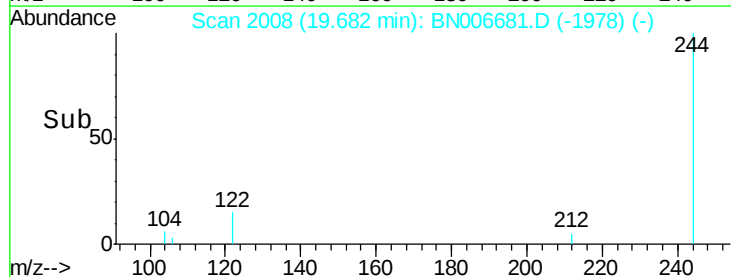
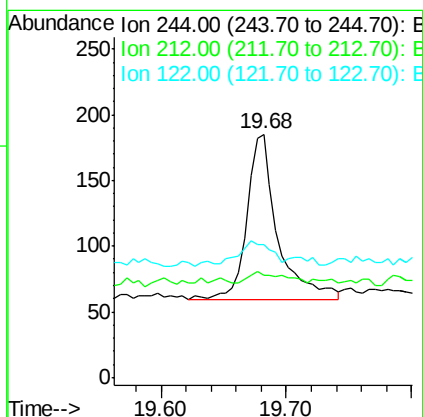
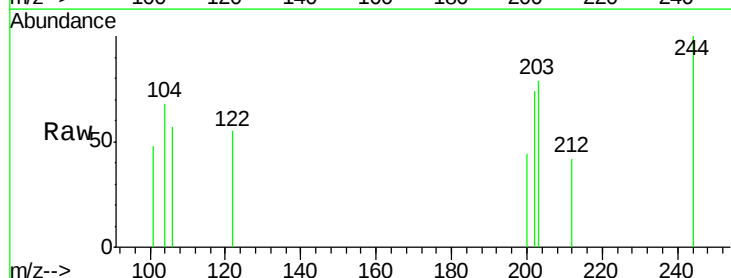
Instrument :
BNA_N
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MW-1DL

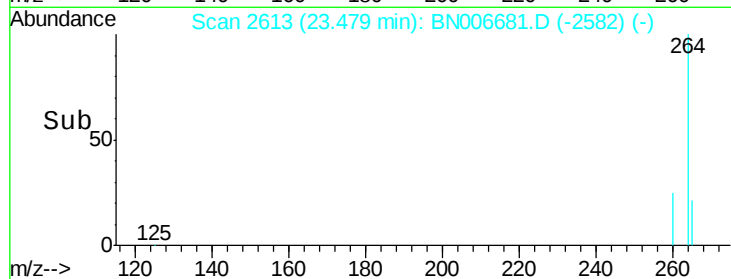
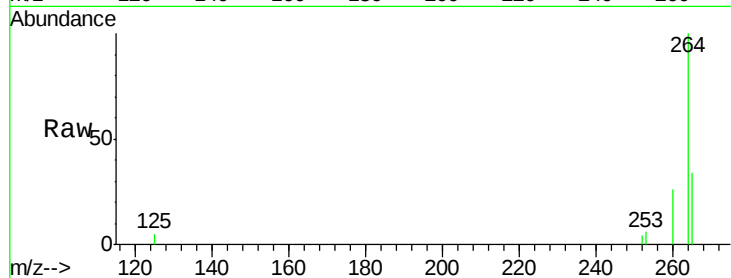
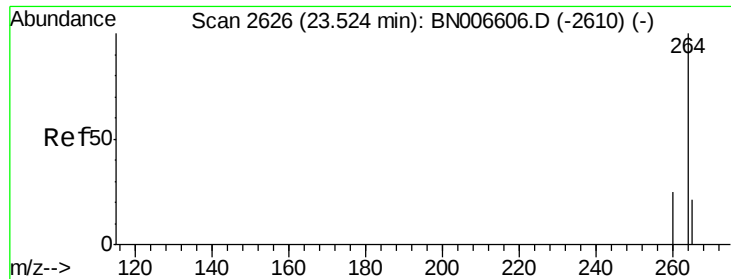
Tot Ion:240 Resp: 16732
Ion Ratio Lower Upper
240 100
120 13.8 9.9 14.9
236 28.2 22.2 33.4



#29
Terphenyl-d14
Concen: 0.006 ng
RT: 19.68 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BN006681.D
Acq: 02 Jul 2019 04:35

Tgt Ion:244 Resp: 218
Ion Ratio Lower Upper
244 100
212 42.2 6.7 10.1#
122 54.6 11.0 16.6#





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.48 min Scan# 2613

Delta R.T. -0.04 min

Lab File: BN006681.D

Acq: 02 Jul 2019 04:35

Instrument :

BNA_N

ClientSampleId :

MW-1DL

Tot Ion:264 Resp: 19498

Ion Ratio Lower Upper

264 100

260 25.6 20.2 30.2

265 34.1 23.3 34.9

