

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091819\
 Data File : BN007734.D
 Acq On : 19 Sep 2019 10:20
 Operator : HP/JU
 Sample : K4896-13DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW201D-20190912DL

Quant Time: Sep 19 15:15:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 18:24:40 2019
 Response via : Initial Calibration

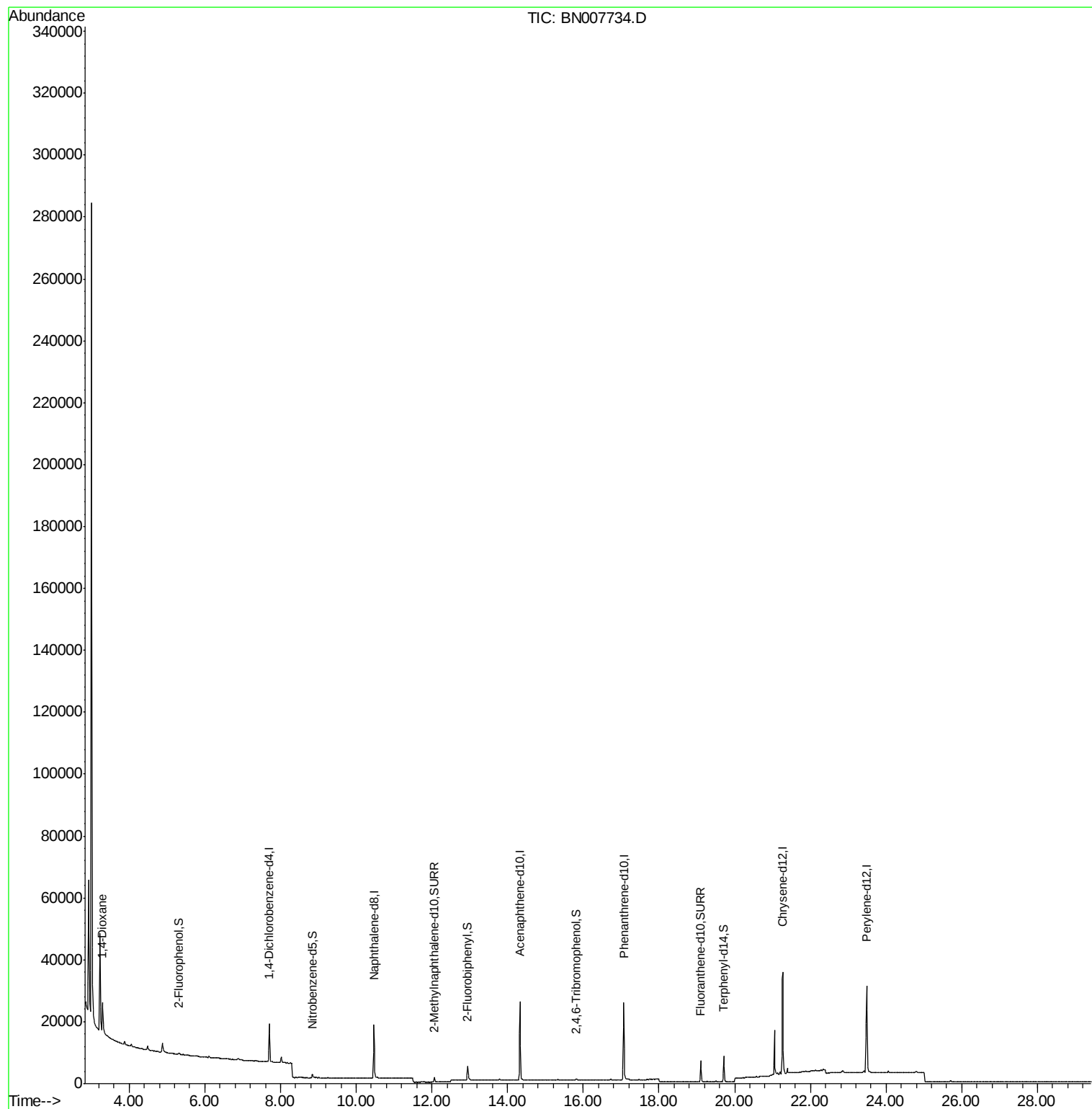
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	5968	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	23272	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	14472	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	33363	0.40	ng	0.00
27) Chrysene-d12	21.27	240	35509	0.40	ng	0.00
34) Perylene-d12	23.48	264	38225	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	458	0.02	ng	0.00
5) Phenol-d6	6.88	99	351	0.01	ng	0.00
8) Nitrobenzene-d5	8.85	82	1270	0.06	ng	0.01
11) 2-Methylnaphthalene-d10	12.06	152	2543	0.06	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	386	0.05	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	5223	0.09	ng	0.00
25) Fluoranthene-d10	19.10	212	8152	0.07	ng	0.00
29) Terphenyl-d14	19.71	244	8409	0.10	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.30	88	7964	1.197	ng	Qvalue # 87

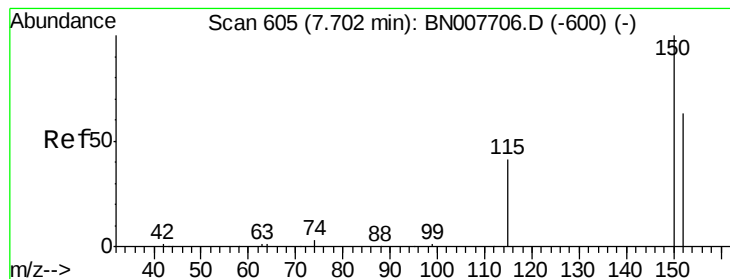
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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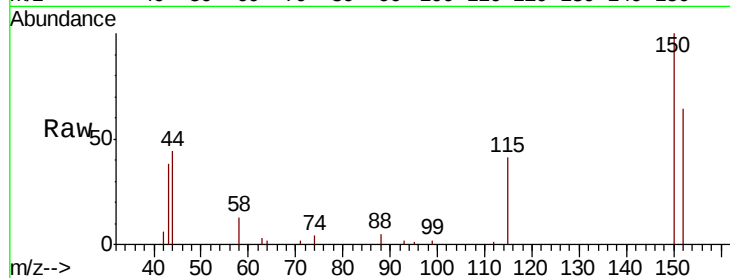




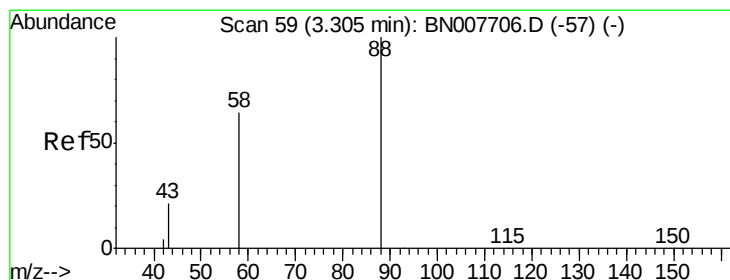
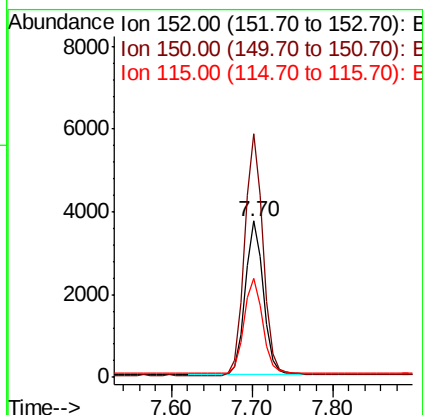
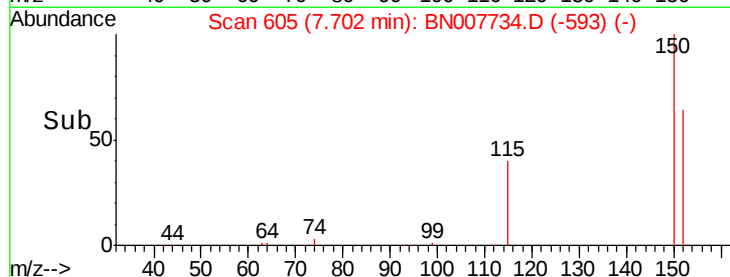
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.70 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: BN007734.D
 Acq: 19 Sep 2019 10:20

Instrument :
 BNA_N
 ClientSampleId :
 MW201D-20190912DL

Tot Ion:152 Resp: 5968
 Ion Ratio Lower Upper
 152 100
 150 155.7 125.6 188.4
 115 63.6 53.3 79.9

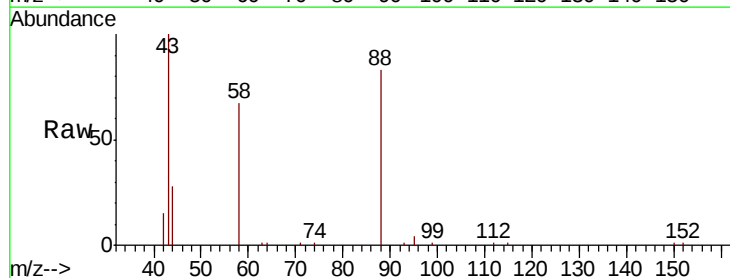


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

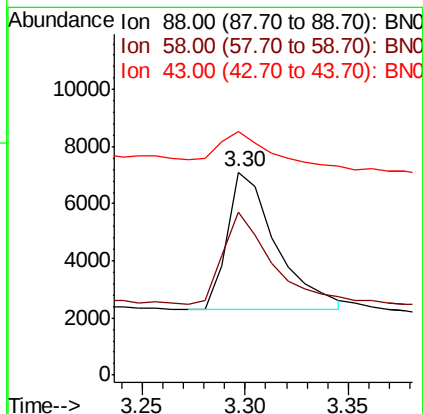
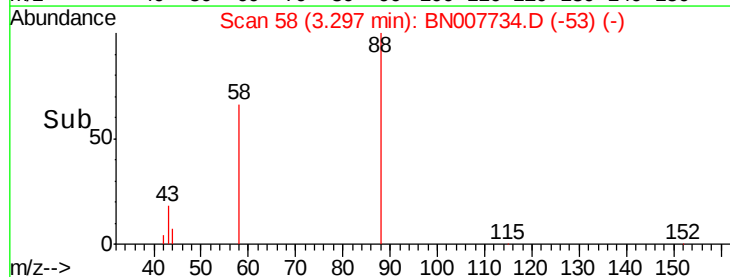


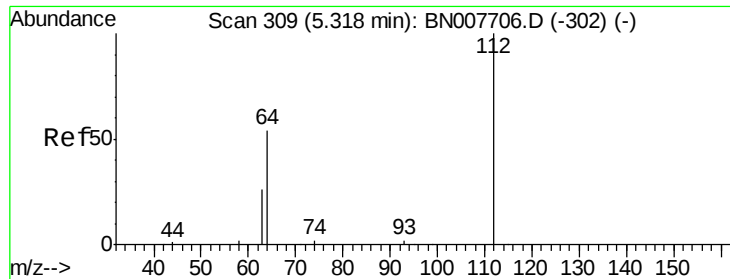
#2
 1,4-Dioxane
 Concen: 1.197 ng
 RT: 3.30 min Scan# 58
 Delta R.T. -0.01 min
 Lab File: BN007734.D
 Acq: 19 Sep 2019 10:20

Tgt Ion: 88 Resp: 7964
 Ion Ratio Lower Upper
 88 100
 58 64.7 44.6 66.8
 43 24.3 14.4 21.6#



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: 0.022 ng

RT: 5.32 min Scan# 309

Delta R.T. 0.00 min

Lab File: BN007734.D

Acq: 19 Sep 2019 10:20

Instrument :

BNA_N

ClientSampleId :

MW201D-20190912DL

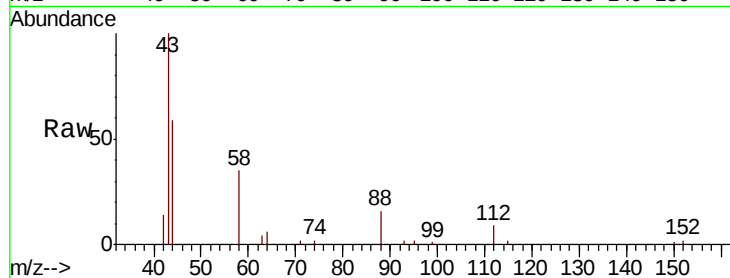
Tot Ion: 112 Resp: 458

Ion Ratio Lower Upper

112 100

64 59.4 46.6 70.0

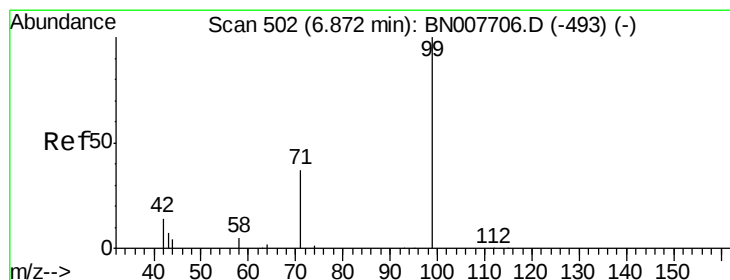
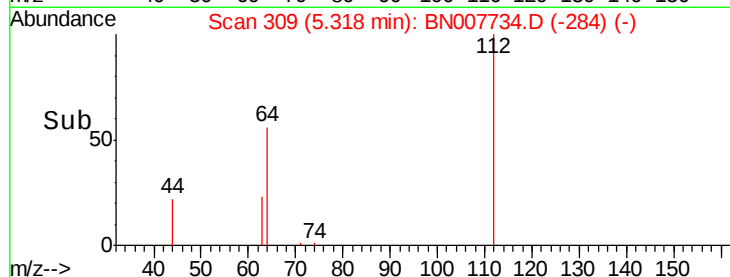
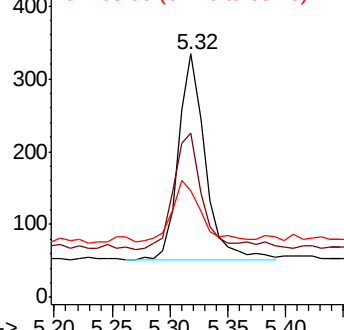
63 30.6 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.008 ng

RT: 6.88 min Scan# 503

Delta R.T. 0.01 min

Lab File: BN007734.D

Acq: 19 Sep 2019 10:20

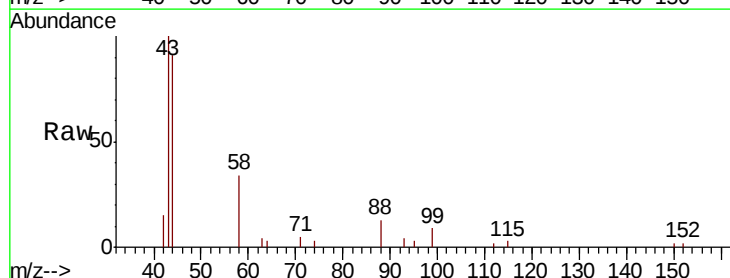
Tgt Ion: 99 Resp: 351

Ion Ratio Lower Upper

99 100

42 24.2 12.8 19.2#

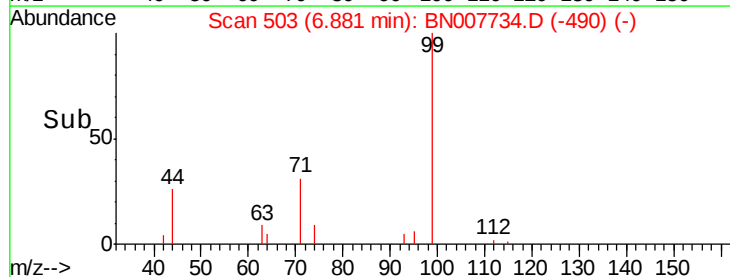
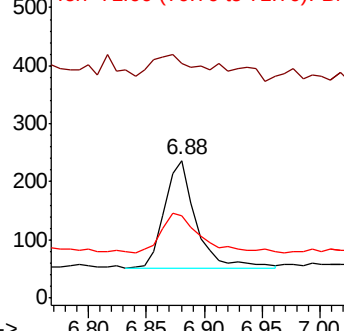
71 47.0 27.6 41.4#



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: 10.47 min Scan# 851

Delta R.T. 0.00 min

Lab File: BN007734.D

Acq: 19 Sep 2019 10:20

Instrument :

BNA_N

ClientSampleId :

MW201D-20190912DL

Tot Ion:136 Resp: 23272

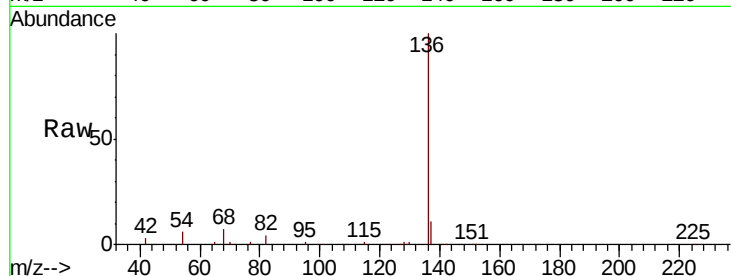
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 6.4 5.8 8.8

68 6.8 6.5 9.7

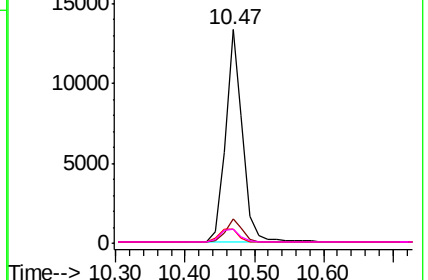
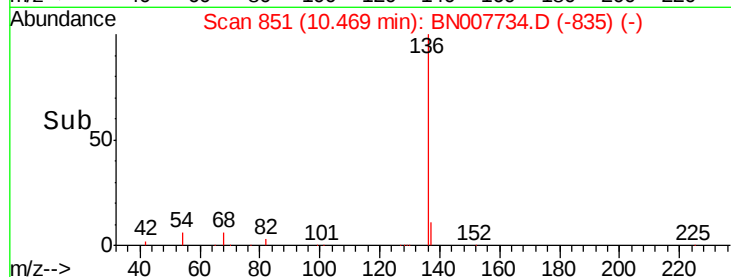


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.062 ng

RT: 8.85 min Scan# 723

Delta R.T. 0.01 min

Lab File: BN007734.D

Acq: 19 Sep 2019 10:20

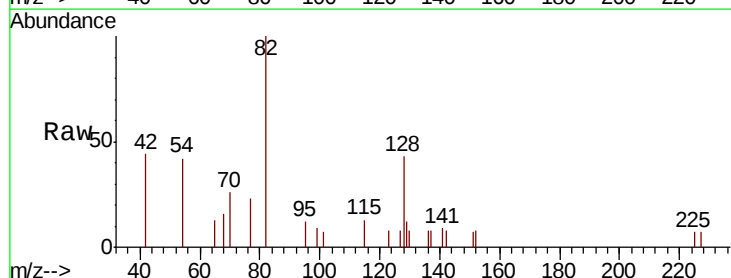
Tgt Ion: 82 Resp: 1270

Ion Ratio Lower Upper

82 100

128 43.4 24.5 36.7#

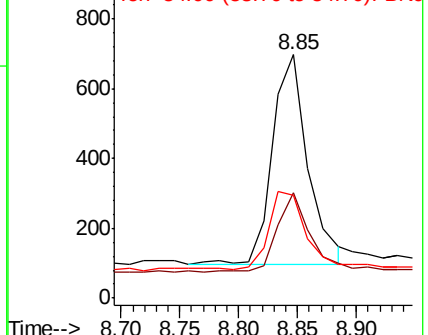
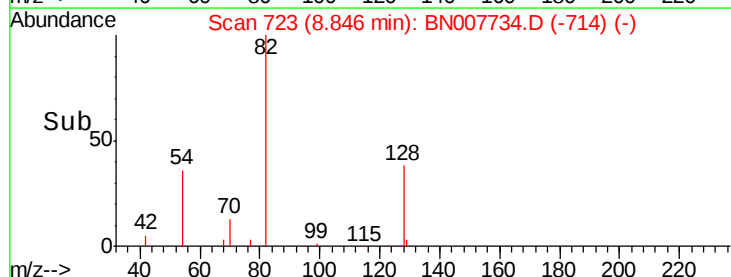
54 42.1 35.2 52.8



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

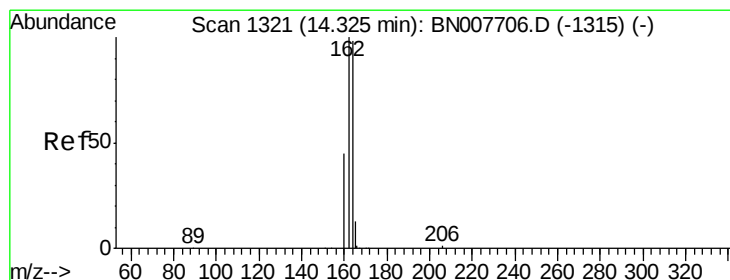
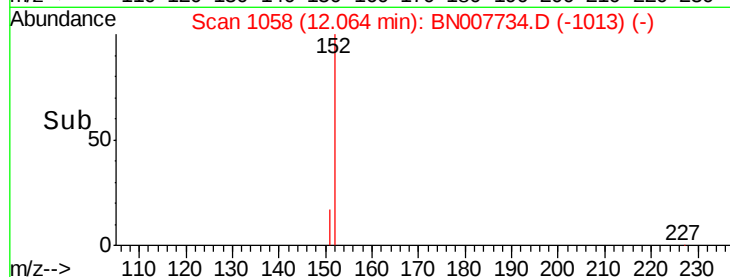
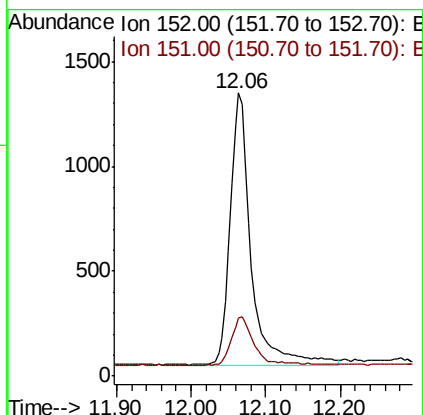
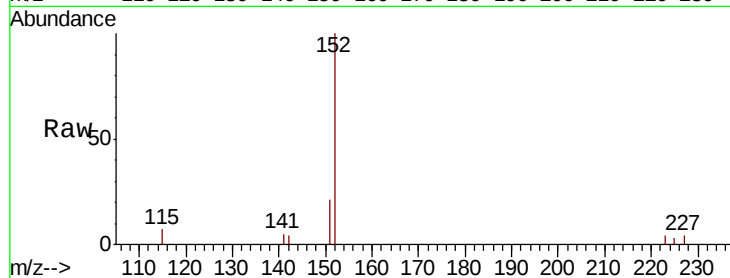




#11
2-Methylnaphthalene-d10
Concen: 0.065 ng
RT: 12.06 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BN007734.D
Acq: 19 Sep 2019 10:20

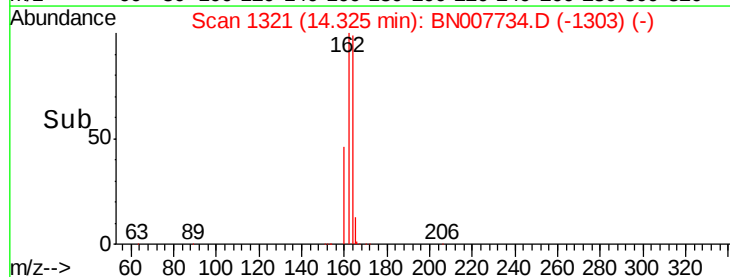
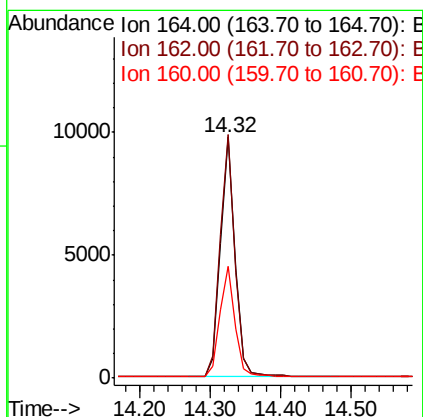
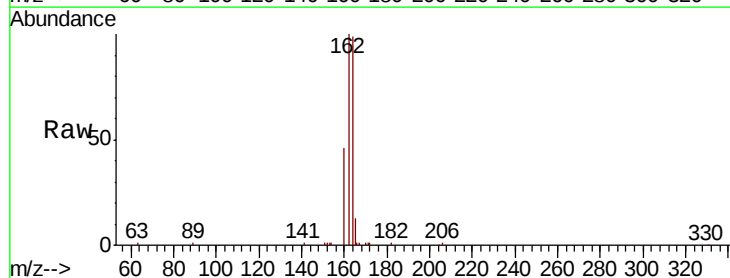
Instrument :
BNA_N
ClientSampleId :
MW201D-20190912DL

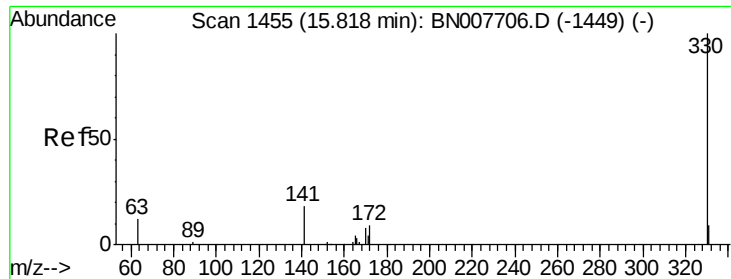
Tot Ion:152 Resp: 2543
Ion Ratio Lower Upper
152 100
151 19.4 15.4 23.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BN007734.D
Acq: 19 Sep 2019 10:20

Tgt Ion:164 Resp: 14472
Ion Ratio Lower Upper
164 100
162 101.1 81.7 122.5
160 46.4 37.0 55.4

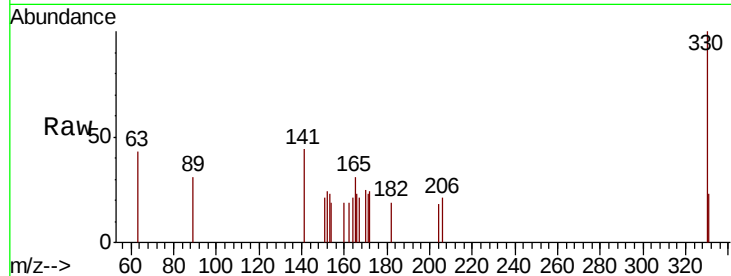




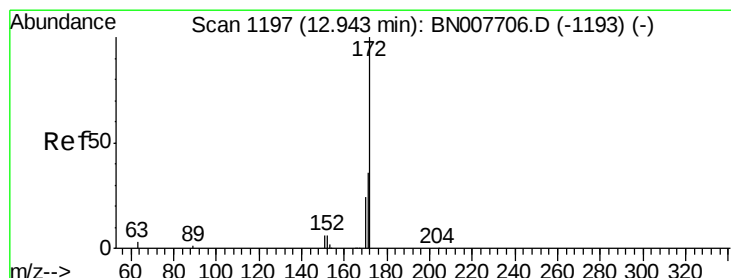
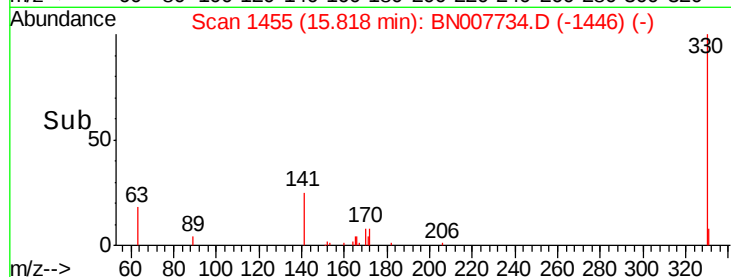
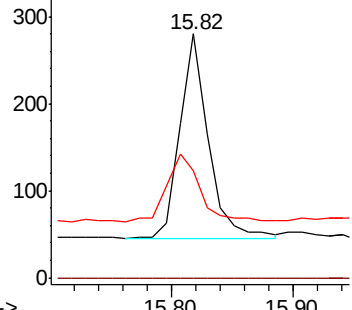
#14
2,4,6-Tribromophenol
Concen: 0.049 ng
RT: 15.82 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BN007734.D
Acq: 19 Sep 2019 10:20

Instrument :
BNA_N
ClientSampleId :
MW201D-20190912DL

Tot Ion:330 Resp: 386
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 39.1 28.7 43.1

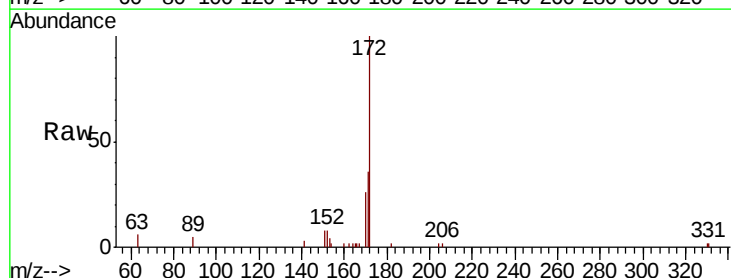


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

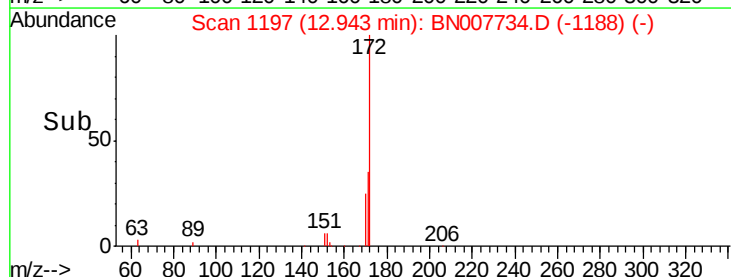
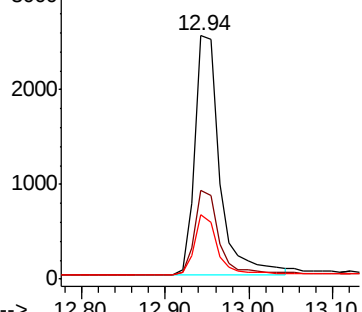


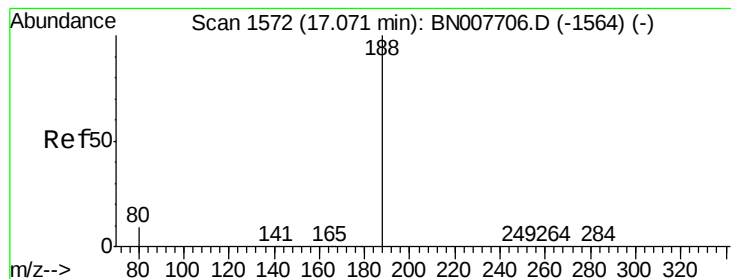
#15
2-Fluorobiphenyl
Concen: 0.088 ng
RT: 12.94 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BN007734.D
Acq: 19 Sep 2019 10:20

Tgt Ion:172 Resp: 5223
Ion Ratio Lower Upper
172 100
171 36.3 28.8 43.2
170 26.4 19.5 29.3



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: 17.07 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BN007734.D

Acq: 19 Sep 2019 10:20

Instrument :

BNA_N

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MW201D-20190912DL

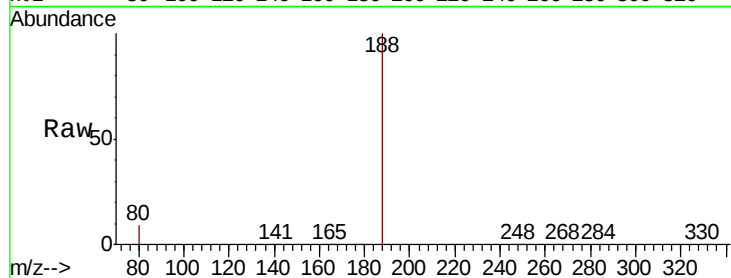
Tot Ion:188 Resp: 33363

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

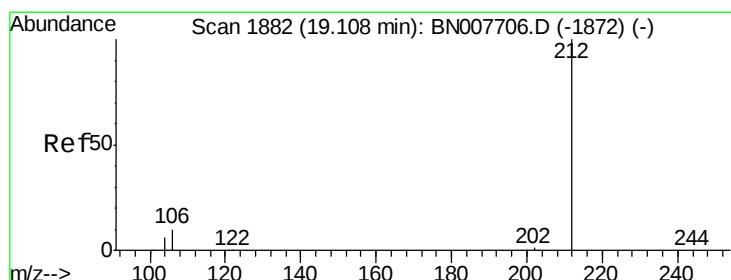
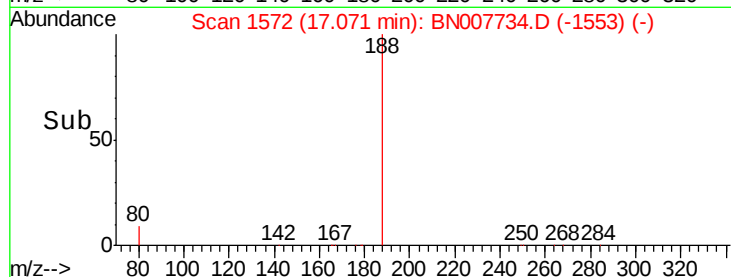
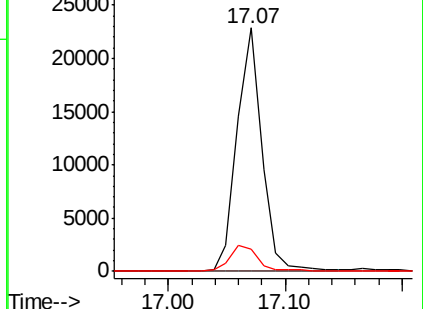
80 8.9 7.4 11.2



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: 0.072 ng

RT: 19.10 min Scan# 1881

Delta R.T. -0.00 min

Lab File: BN007734.D

Acq: 19 Sep 2019 10:20

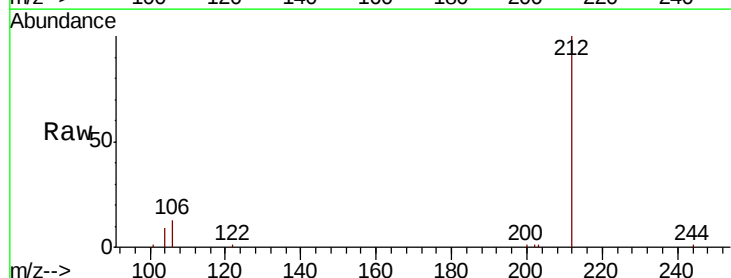
Tgt Ion:212 Resp: 8152

Ion Ratio Lower Upper

212 100

106 12.4 9.4 14.0

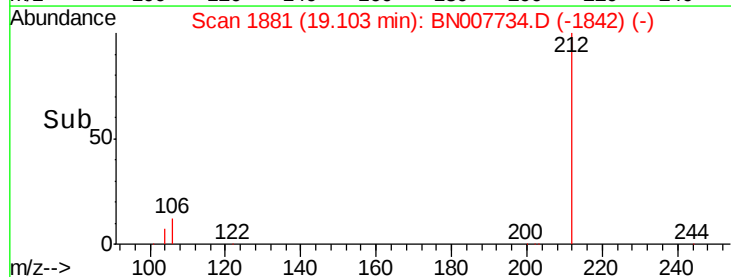
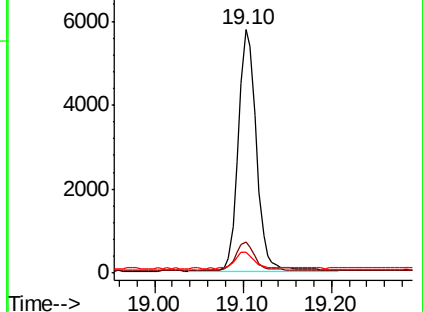
104 7.1 5.3 7.9

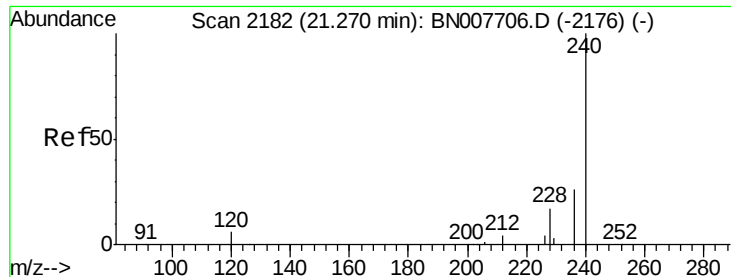


Abundance Ion 212.00 (211.70 to 212.70): E

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. -0.00 min

Lab File: BN007734.D

Acq: 19 Sep 2019 10:20

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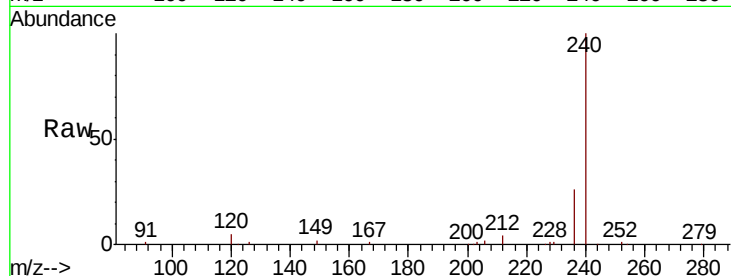
Tot Ion:240 Resp: 35509

Ion Ratio Lower Upper

240 100

120 5.5 5.4 8.2

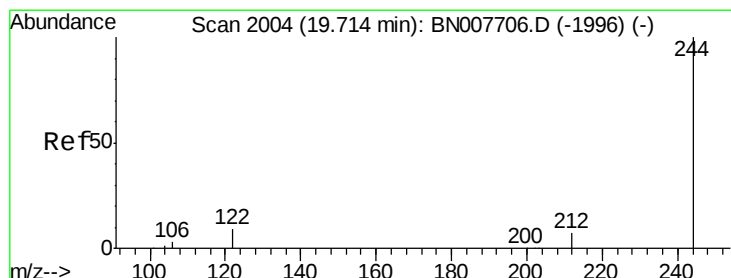
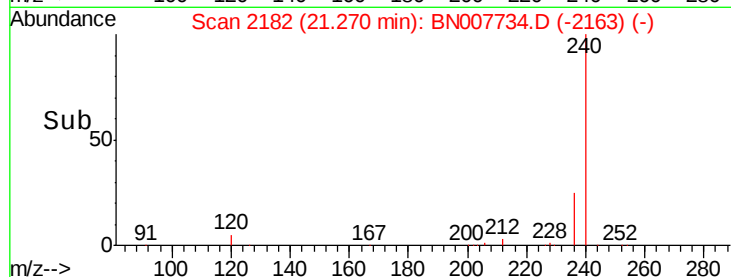
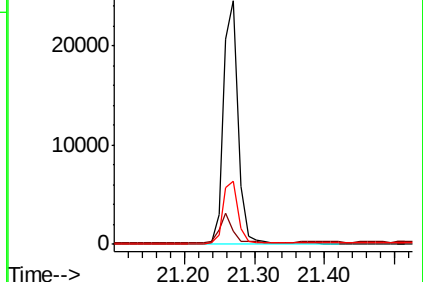
236 25.7 21.0 31.4



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: 0.096 ng

RT: 19.71 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BN007734.D

Acq: 19 Sep 2019 10:20

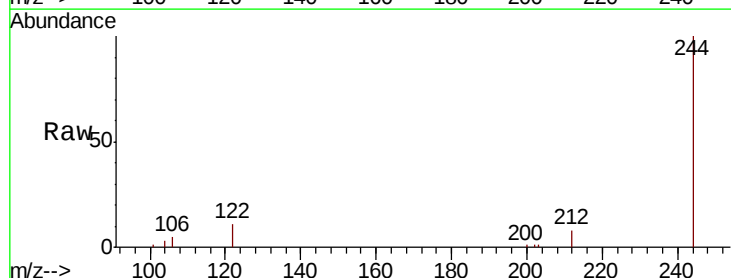
Tgt Ion:244 Resp: 8409

Ion Ratio Lower Upper

244 100

212 8.2 5.9 8.9

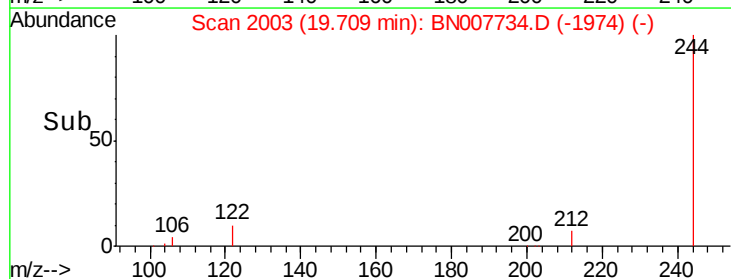
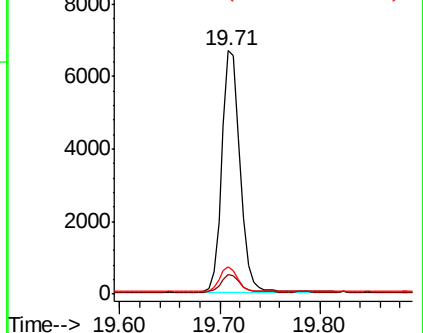
122 11.4 7.4 11.2#

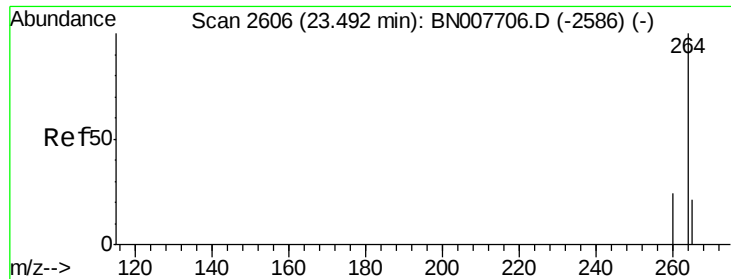


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.48 min Scan# 2604
 Delta R.T. -0.01 min
 Lab File: BN007734.D
 Acq: 19 Sep 2019 10:20

Instrument :
 BNA_N
 ClientSampleId :
 MW201D-20190912DL

Tot Ion: 264 Resp: 38225
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.3 28.9
 265 33.2 26.9 40.3

