

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091919\
 Data File : BN007754.D
 Acq On : 19 Sep 2019 22:57
 Operator : HP/JU
 Sample : K4858-16DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20190910DL

Quant Time: Sep 20 11:15:43 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

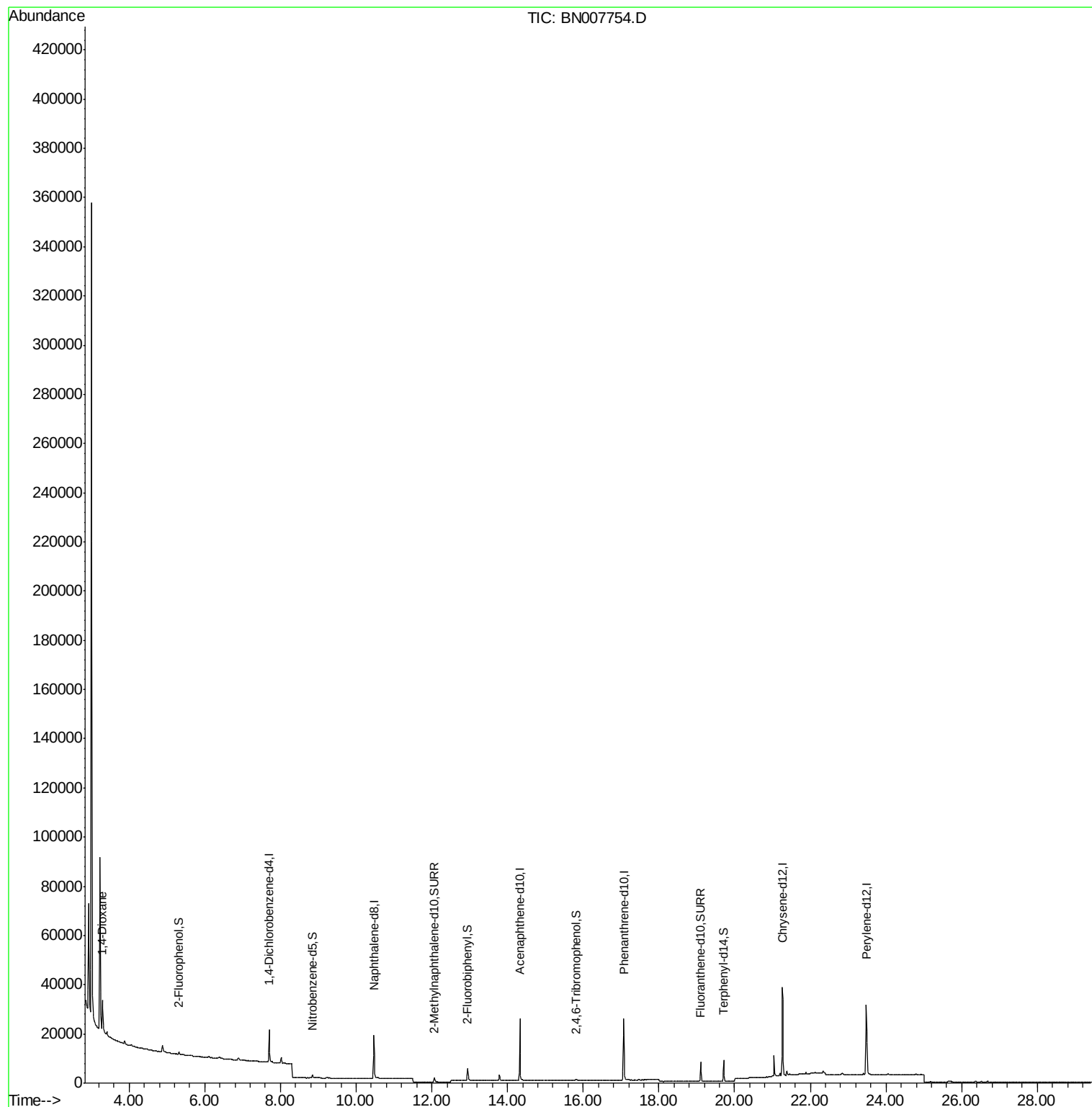
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	6351	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	24182	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	14758	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	34202	0.40	ng	0.00
27) Chrysene-d12	21.26	240	37385	0.40	ng	-0.01
34) Perylene-d12	23.48	264	39107	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	676	0.03	ng	0.00
5) Phenol-d6	6.88	99	617	0.02	ng	0.00
8) Nitrobenzene-d5	8.85	82	1339	0.06	ng	0.01
11) 2-Methylnaphthalene-d10	12.06	152	3028	0.07	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	403	0.05	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	5079	0.08	ng	0.00
25) Fluoranthene-d10	19.10	212	9196	0.08	ng	0.00
29) Terphenyl-d14	19.71	244	9203	0.10	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.30	88	10345	1.461	ng	Qvalue # 90

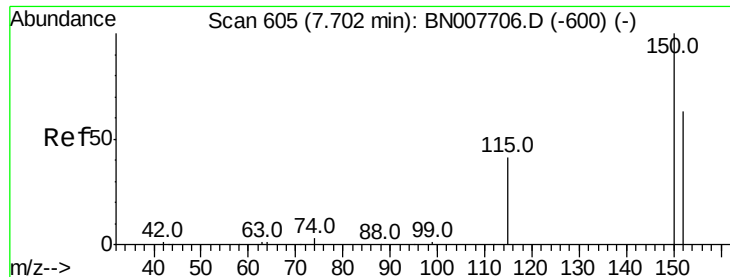
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 18:24:40 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.70 min Scan# 605

Delta R.T. -0.00 min

Lab File: BN007754.D

Acq: 19 Sep 2019 22:57

Instrument :

BNA_N

ClientSampleId :

RE131D1-20190910DL

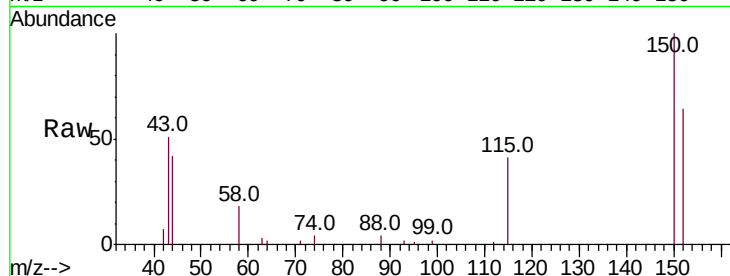
Tot Ion:152 Resp: 6351

Ion Ratio Lower Upper

152 100

150 155.6 125.6 188.4

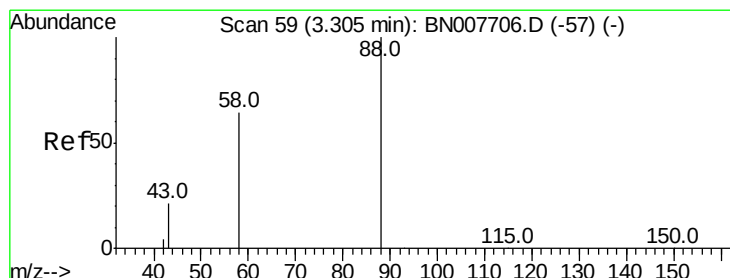
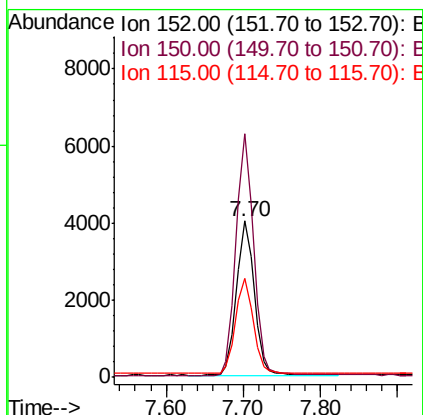
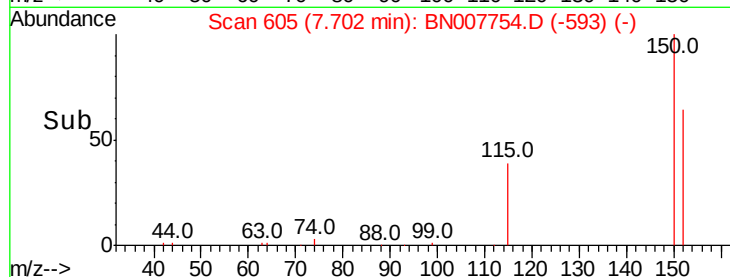
115 63.3 53.3 79.9



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: 1.461 ng

RT: 3.30 min Scan# 58

Delta R.T. -0.01 min

Lab File: BN007754.D

Acq: 19 Sep 2019 22:57

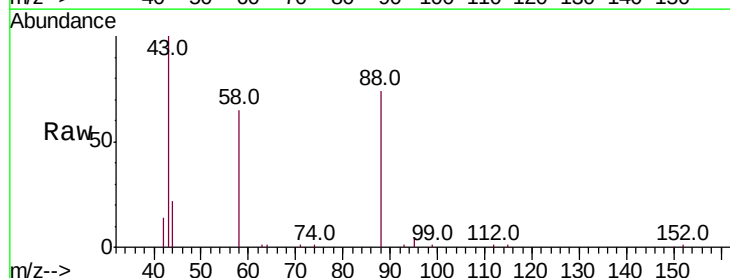
Tgt Ion: 88 Resp: 10345

Ion Ratio Lower Upper

88 100

58 59.8 44.6 66.8

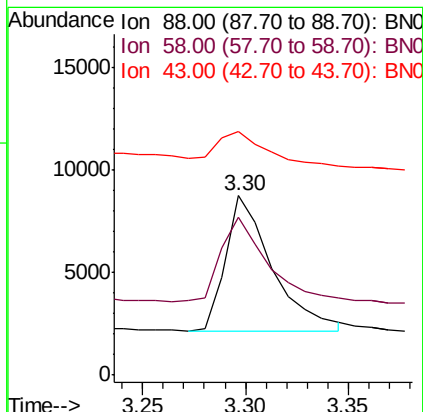
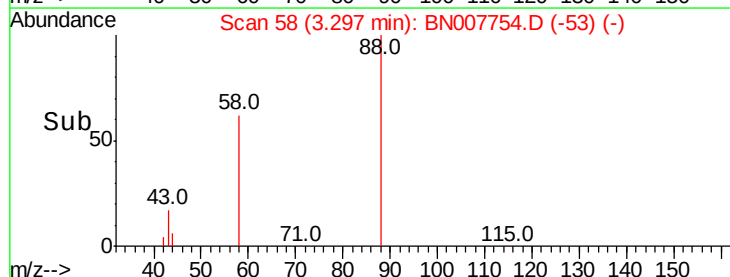
43 28.4 14.4 21.6#

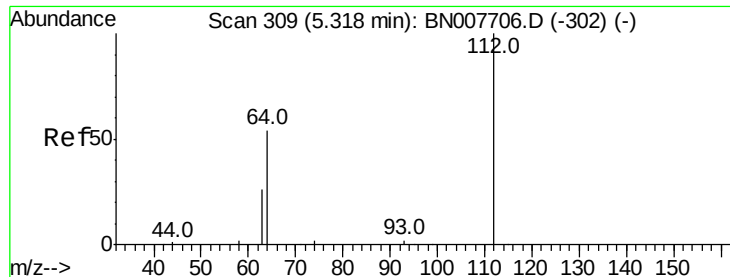


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.031 ng

RT: 5.32 min Scan# 309

Delta R.T. -0.00 min

Lab File: BN007754.D

Acq: 19 Sep 2019 22:57

Instrument :

BNA_N

ClientSampleId :

RE131D1-20190910DL

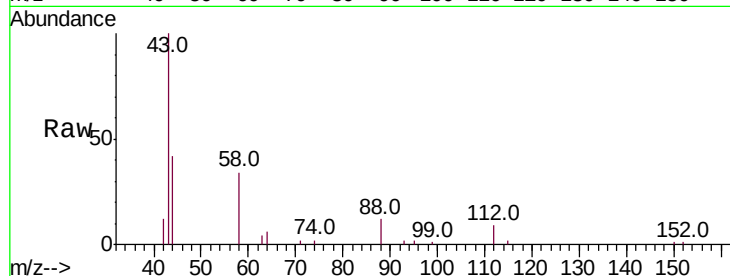
Tot Ion:112 Resp: 676

Ion Ratio Lower Upper

112 100

64 62.4 46.6 70.0

63 32.8 23.1 34.7

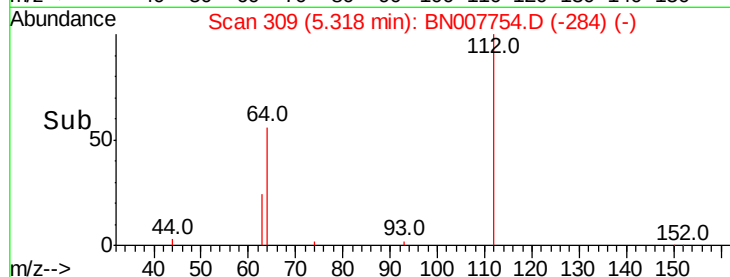


Abundance Ion 112.00 (111.70 to 112.70): E

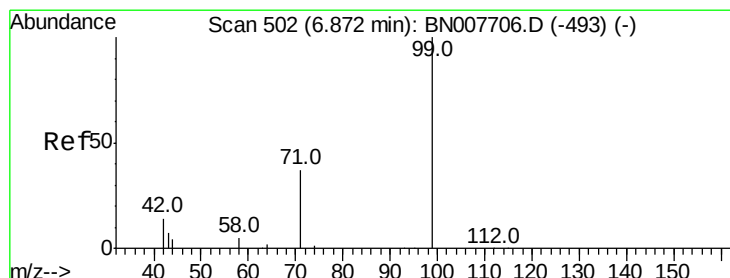
Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC

Time-->



Time-->



#5

Phenol-d6

Concen: 0.017 ng

RT: 6.88 min Scan# 503

Delta R.T. 0.01 min

Lab File: BN007754.D

Acq: 19 Sep 2019 22:57

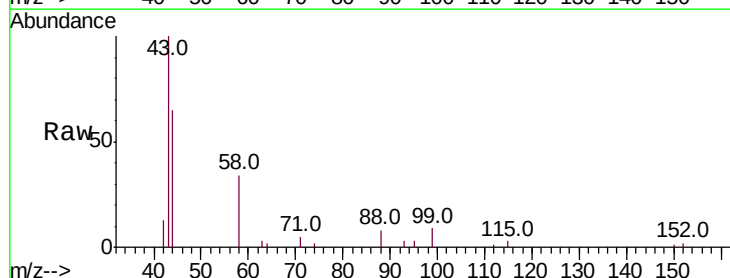
Tgt Ion: 99 Resp: 617

Ion Ratio Lower Upper

99 100

42 36.8 12.8 19.2#

71 40.2 27.6 41.4

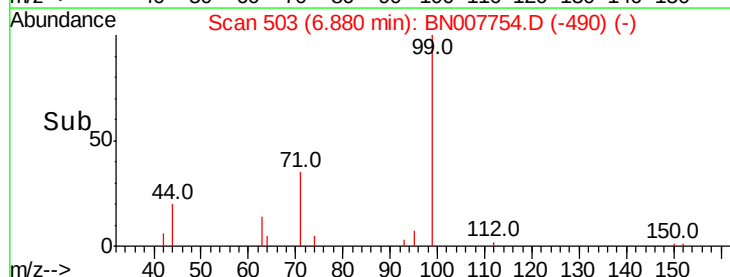


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

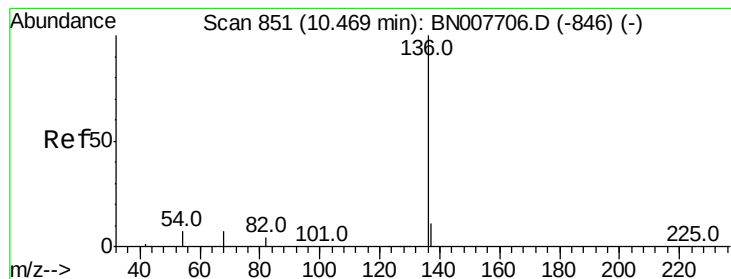
Ion 71.00 (70.70 to 71.70): BNC

Time-->



Time-->

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 851

Delta R.T. -0.00 min

Lab File: BN007754.D

Acq: 19 Sep 2019 22:57

Instrument :

BNA_N

ClientSampleId :

RE131D1-20190910DL

Tot Ion:136 Resp: 24182

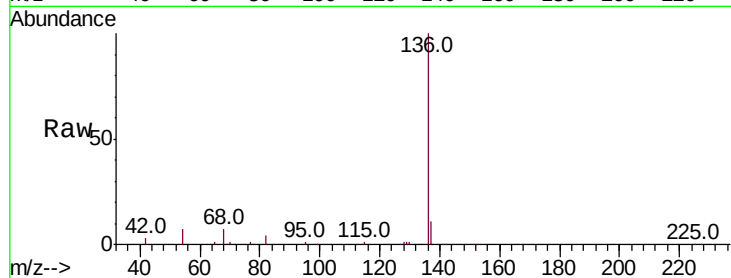
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 6.6 5.8 8.8

68 6.9 6.5 9.7

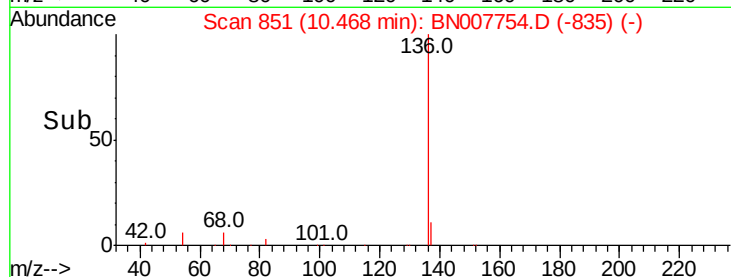


Abundance Ion 136.00 (135.70 to 136.70): E

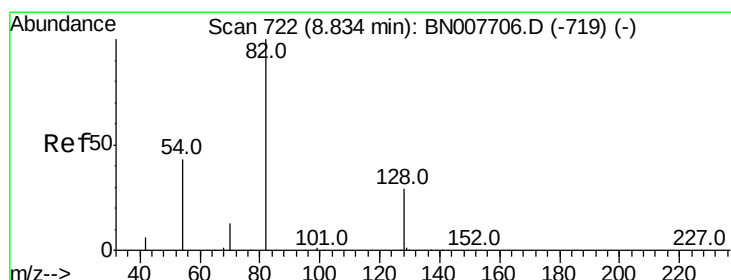
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BN

Ion 68.00 (67.70 to 68.70): BN



Time-->



#8

Nitrobenzene-d5

Concen: 0.063 ng

RT: 8.85 min Scan# 723

Delta R.T. 0.01 min

Lab File: BN007754.D

Acq: 19 Sep 2019 22:57

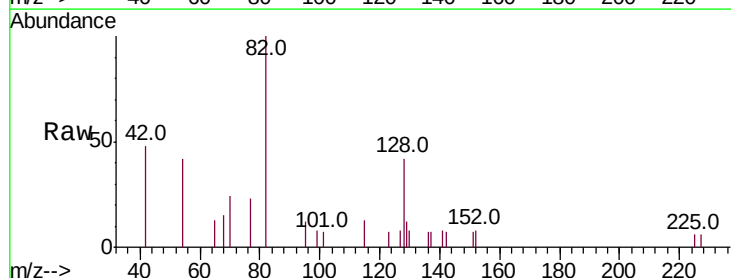
Tgt Ion: 82 Resp: 1339

Ion Ratio Lower Upper

82 100

128 41.9 24.5 36.7#

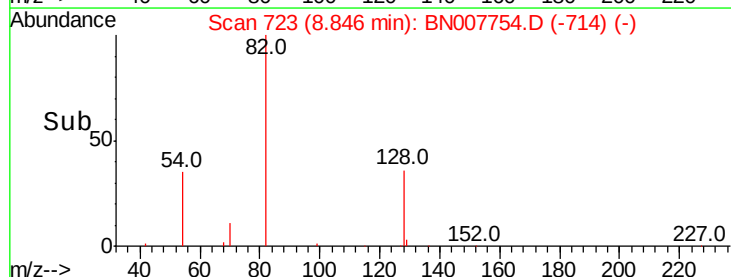
54 41.6 35.2 52.8



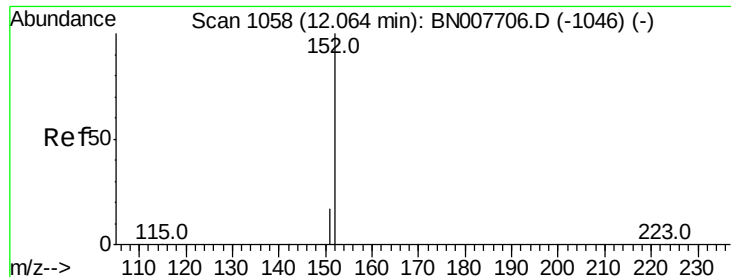
Abundance Ion 82.00 (81.70 to 82.70): BN

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BN



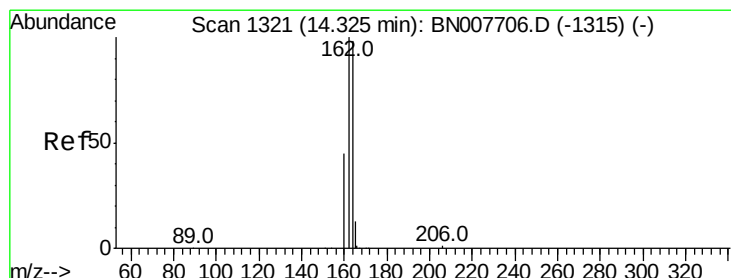
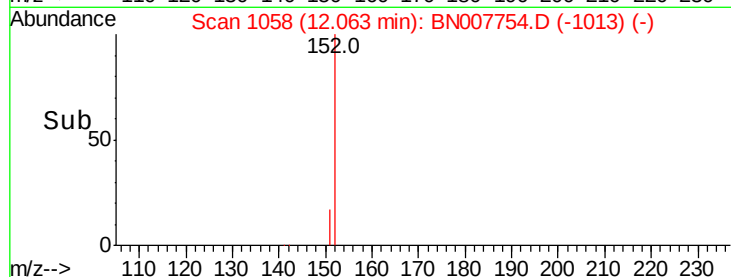
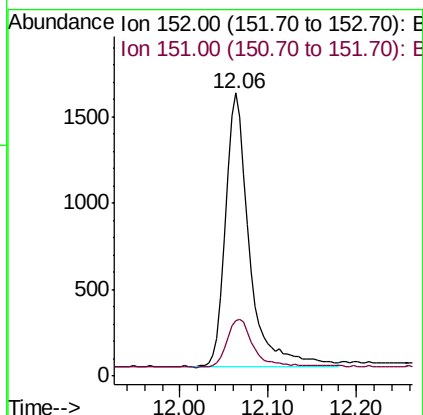
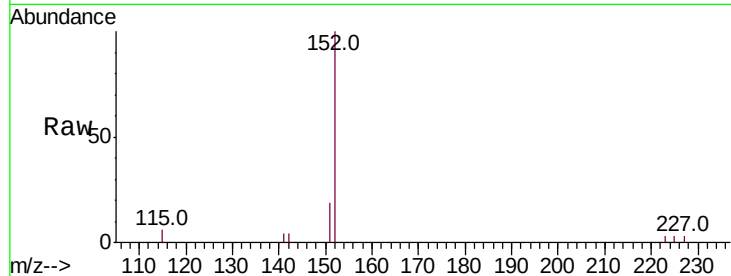
Time-->



#11
2-Methylnaphthalene-d10
Concen: 0.074 ng
RT: 12.06 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BN007754.D
Acq: 19 Sep 2019 22:57

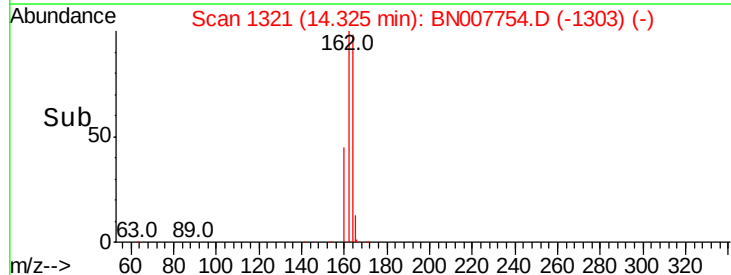
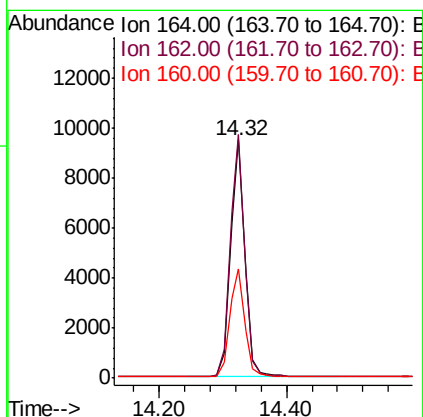
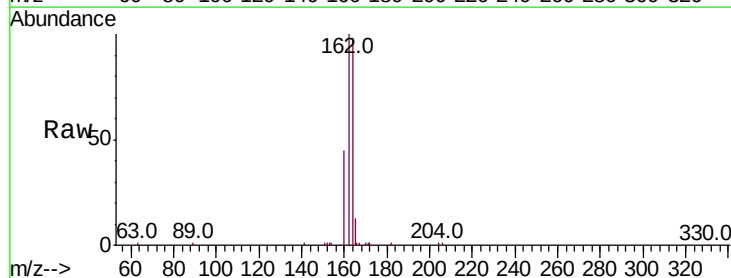
Instrument :
BNA_N
ClientSampleId :
RE131D1-20190910DL

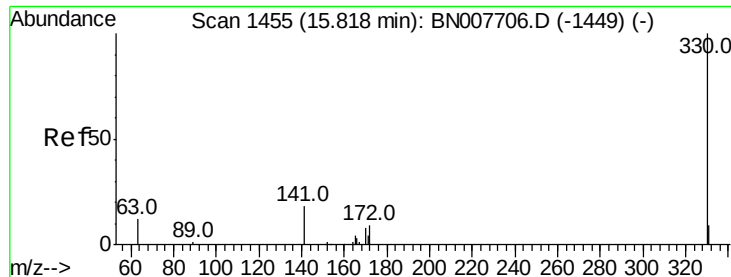
Tot Ion:152 Resp: 3028
Ion Ratio Lower Upper
152 100
151 19.7 15.4 23.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BN007754.D
Acq: 19 Sep 2019 22:57

Tgt Ion:164 Resp: 14758
Ion Ratio Lower Upper
164 100
162 102.2 81.7 122.5
160 46.0 37.0 55.4

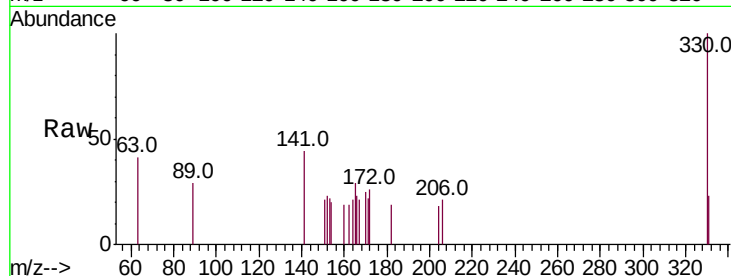




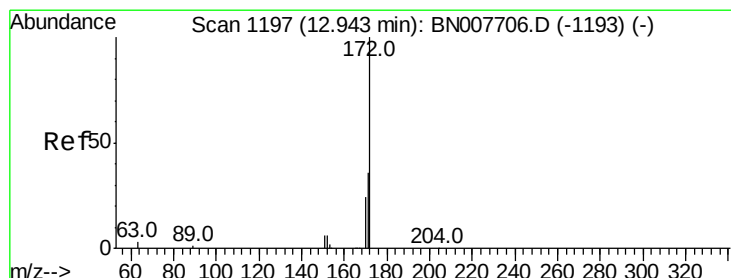
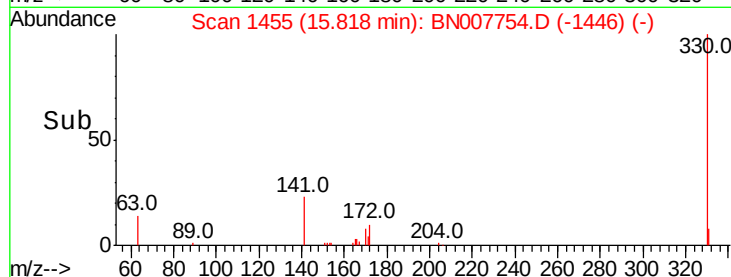
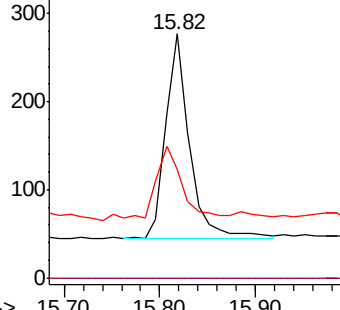
#14
 2,4,6-Tribromophenol
 Concen: 0.050 ng
 RT: 15.82 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BN007754.D
 Acq: 19 Sep 2019 22:57

Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20190910DL

Tot Ion:330 Resp: 403
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 41.7 28.7 43.1

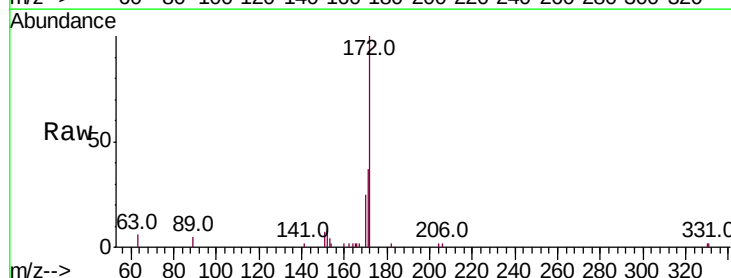


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

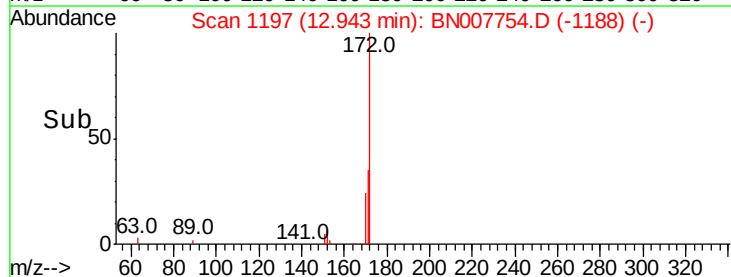
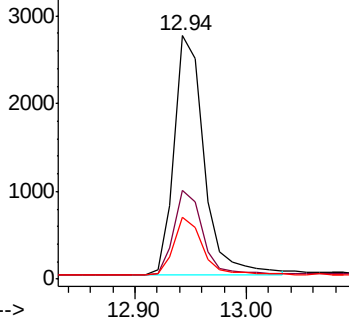


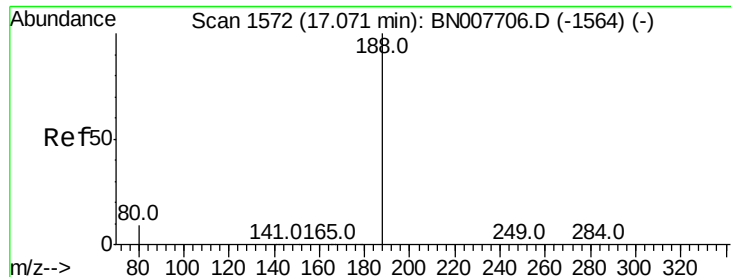
#15
 2-Fluorobiphenyl
 Concen: 0.084 ng
 RT: 12.94 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BN007754.D
 Acq: 19 Sep 2019 22:57

Tgt Ion:172 Resp: 5079
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.8 43.2
 170 25.2 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

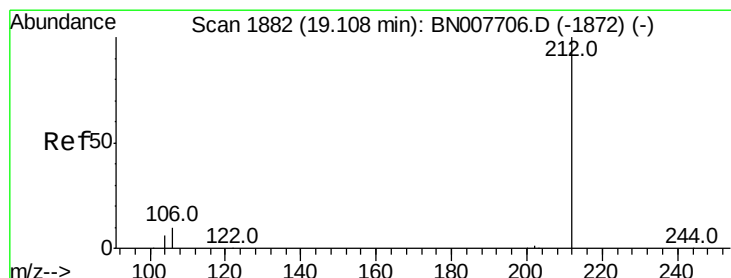
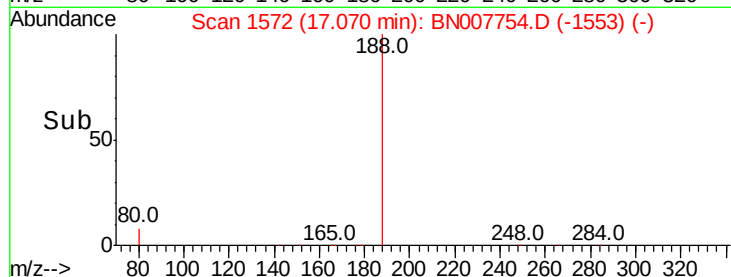
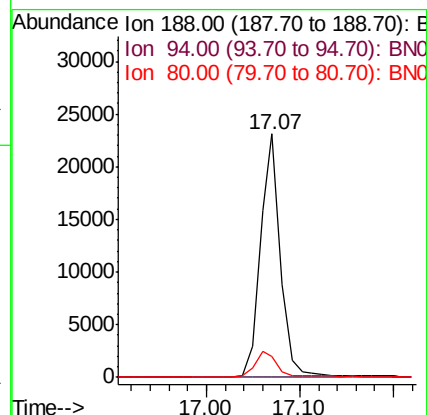
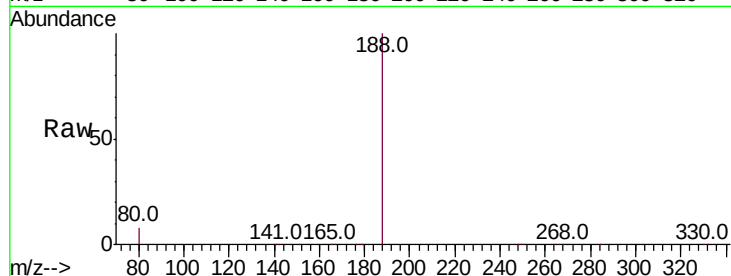




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BN007754.D
Acq: 19 Sep 2019 22:57

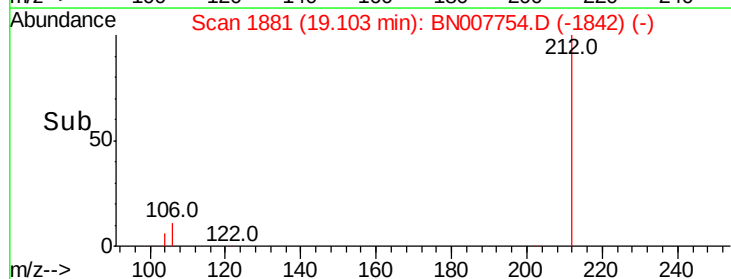
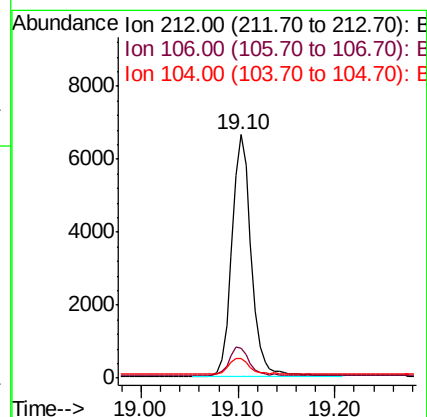
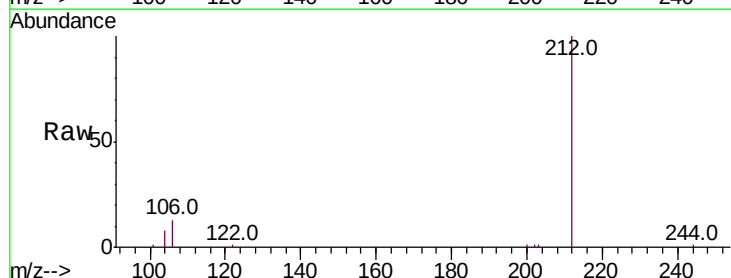
Instrument :
BNA_N
ClientSampleId :
RE131D1-20190910DL

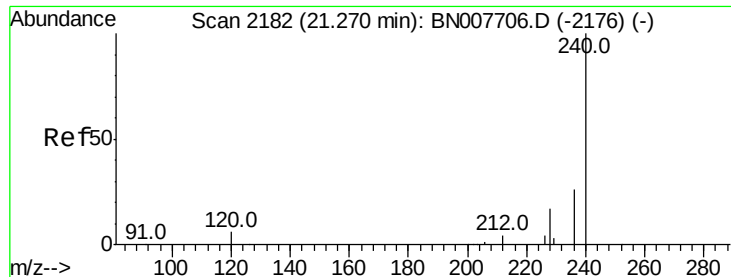
Tot Ion:188 Resp: 34202
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.4 7.4 11.2



#25
Fluoranthene-d10
Concen: 0.080 ng
RT: 19.10 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BN007754.D
Acq: 19 Sep 2019 22:57

Tgt Ion:212 Resp: 9196
Ion Ratio Lower Upper
212 100
106 12.4 9.4 14.0
104 6.8 5.3 7.9





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.26 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BN007754.D

Acq: 19 Sep 2019 22:57

Instrument :

BNA_N

ClientSampleId :

RE131D1-20190910DL

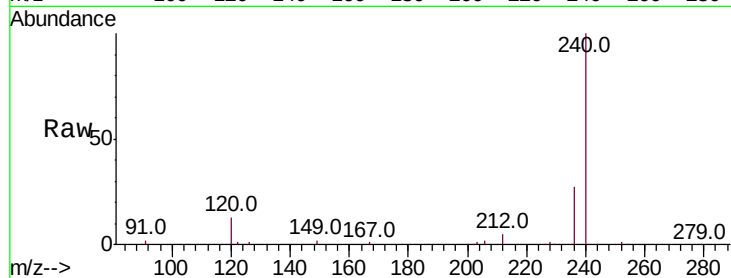
Tot Ion:240 Resp: 37385

Ion Ratio Lower Upper

240 100

120 12.5 5.4 8.2#

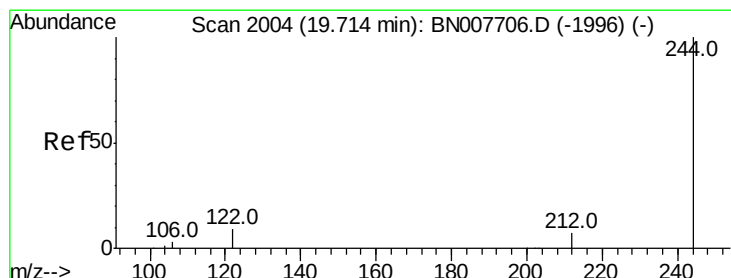
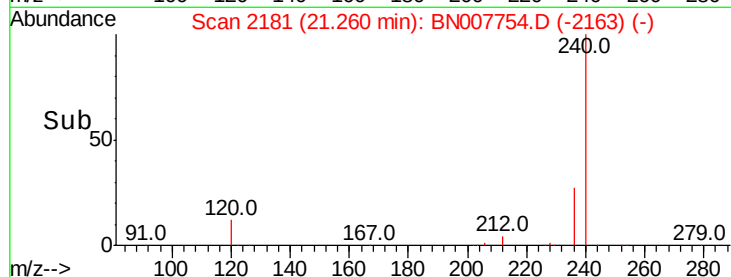
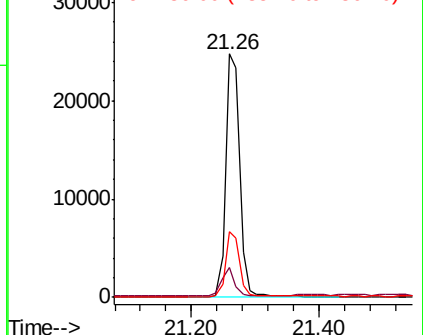
236 27.0 21.0 31.4



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: 0.100 ng

RT: 19.71 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BN007754.D

Acq: 19 Sep 2019 22:57

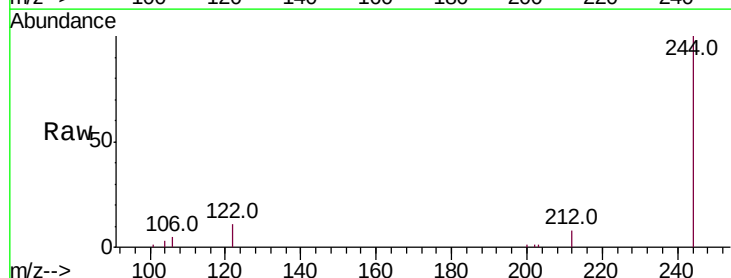
Tgt Ion:244 Resp: 9203

Ion Ratio Lower Upper

244 100

212 7.8 5.9 8.9

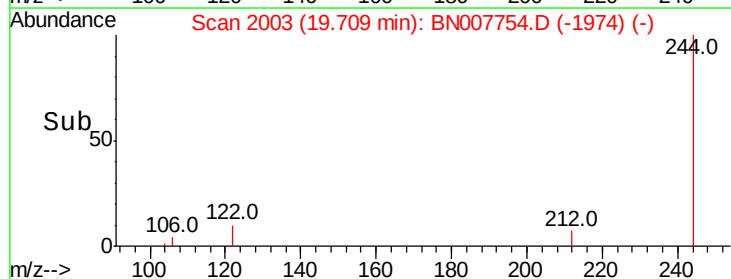
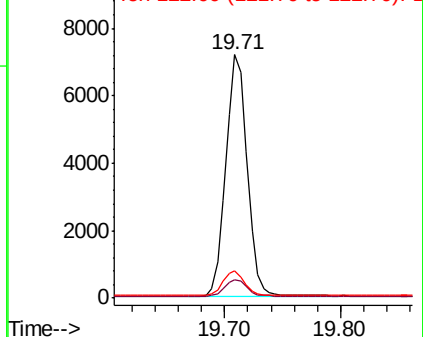
122 11.0 7.4 11.2

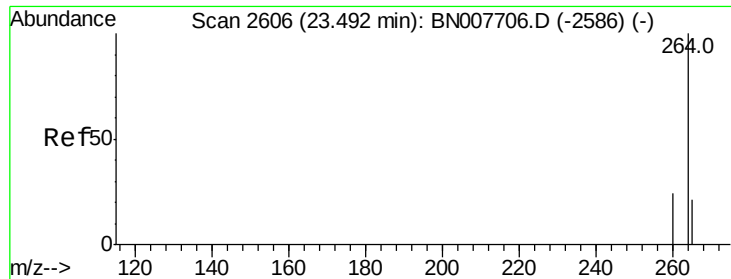


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

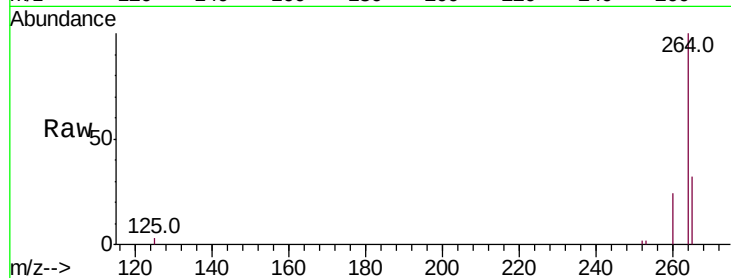




#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.48 min Scan# 2603
 Delta R.T. -0.01 min
 Lab File: BN007754.D
 Acq: 19 Sep 2019 22:57

Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20190910DL

Tot Ion:264 Resp: 39107
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.3 28.9
 265 31.8 26.9 40.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

