

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN091620\
 Data File : BN011813.D
 Acq On : 16 Sep 2020 12:08
 Operator : CG/JU
 Sample : PB131586BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB131586BL

Quant Time: Sep 16 12:42:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 16 12:37:34 2020
 Response via : Initial Calibration

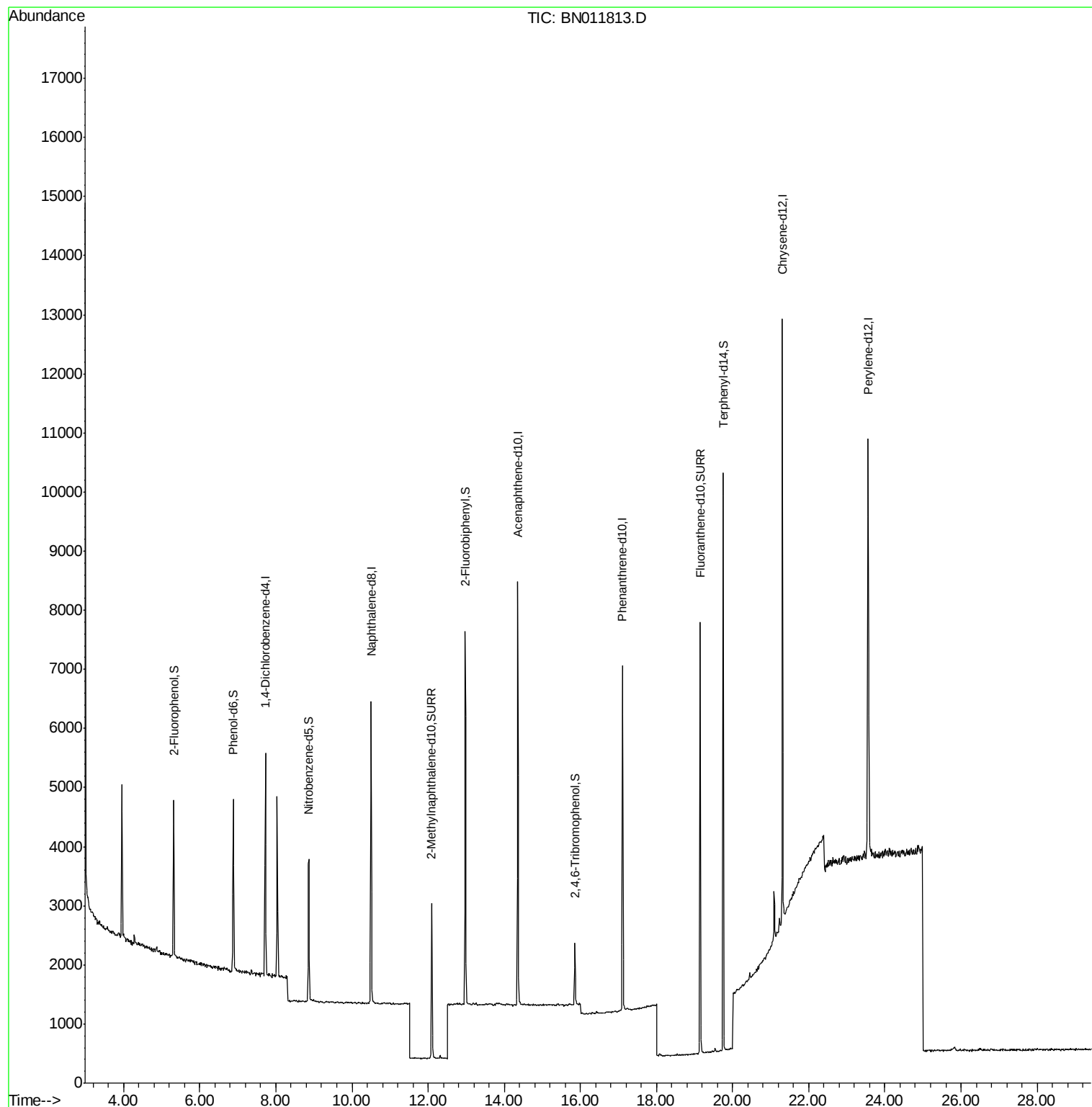
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	1865	0.40	ng	0.00
7) Naphthalene-d8	10.50	136	6728	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	3937	0.40	ng	0.00
19) Phenanthrene-d10	17.10	188	8765	0.40	ng	0.00
29) Chrysene-d12	21.31	240	9443	0.40	ng	0.00
36) Perylene-d12	23.56	264	9763	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	1944	0.38	ng	0.00
5) Phenol-d6	6.89	99	2449	0.37	ng	0.00
8) Nitrobenzene-d5	8.87	82	2141	0.29	ng	0.01
11) 2-Methylnaphthalene-d10	12.10	152	3506	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	840	0.39	ng	0.00
15) 2-Fluorobiphenyl	12.97	172	5701	0.32	ng	0.00
27) Fluoranthene-d10	19.15	212	8476	0.30	ng	0.00
31) Terphenyl-d14	19.75	244	9870	0.34	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.29	88	27	Below Cal	Qvalue #	47

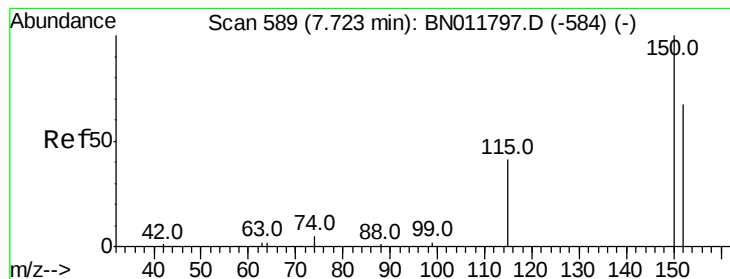
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 16 12:37:34 2020
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.72 min Scan# 589

Delta R.T. -0.00 min

Lab File: BN011813.D

Acq: 16 Sep 2020 12:08

Instrument :

BNA_N

ClientSampleId :

PB131586BL

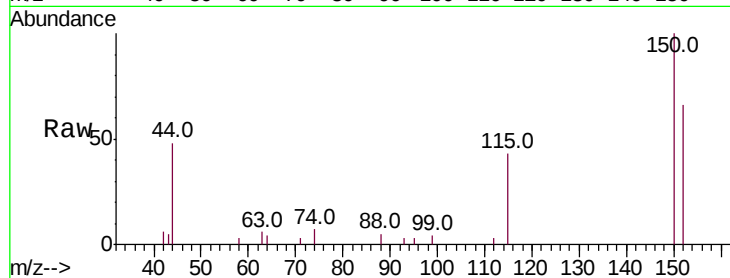
Tot Ion:152 Resp: 1865

Ion Ratio Lower Upper

152 100

150 150.5 118.3 177.5

115 63.9 51.3 76.9

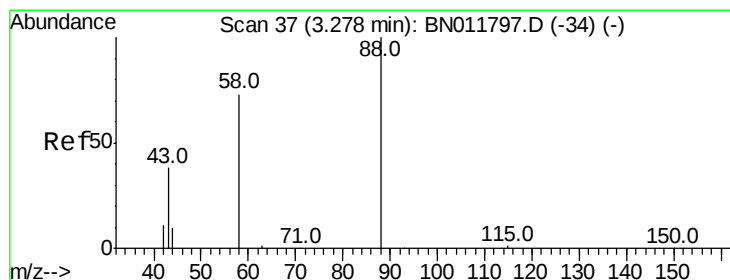
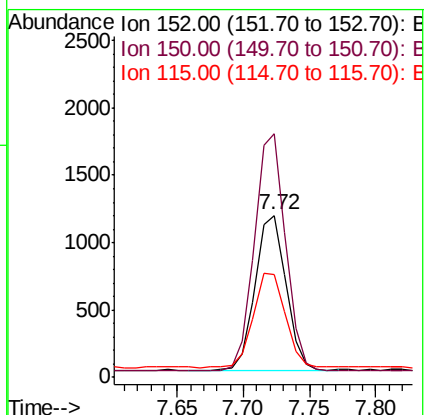
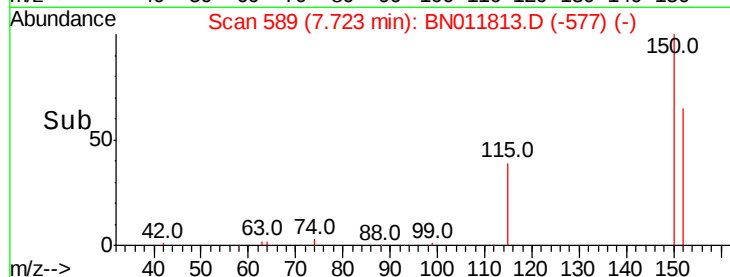


Abundance

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: Below Cal

RT: 3.29 min Scan# 39

Delta R.T. 0.02 min

Lab File: BN011813.D

Acq: 16 Sep 2020 12:08

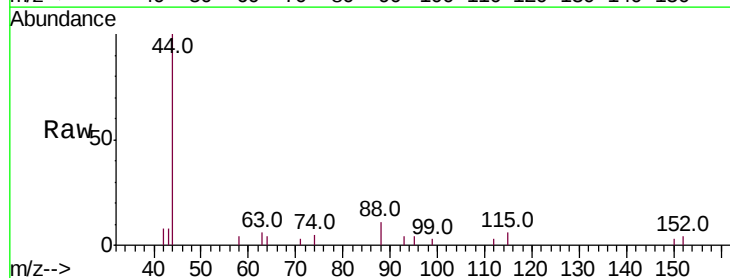
Tgt Ion: 88 Resp: 27

Ion Ratio Lower Upper

88 100

58 29.6 63.3 94.9#

43 70.4 33.0 49.4#

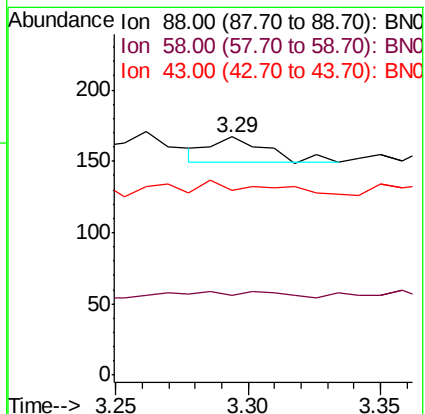
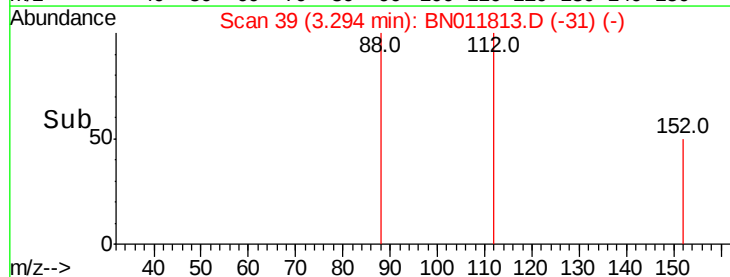


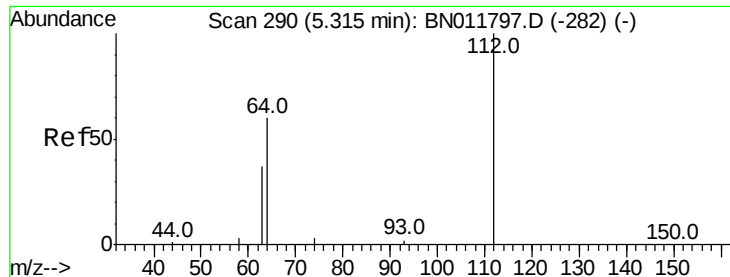
Abundance

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: 0.377 ng

RT: 5.32 min Scan# 290

Delta R.T. -0.00 min

Lab File: BN011813.D

Acq: 16 Sep 2020 12:08

Instrument :

BNA_N

ClientSampleId :

PB131586BL

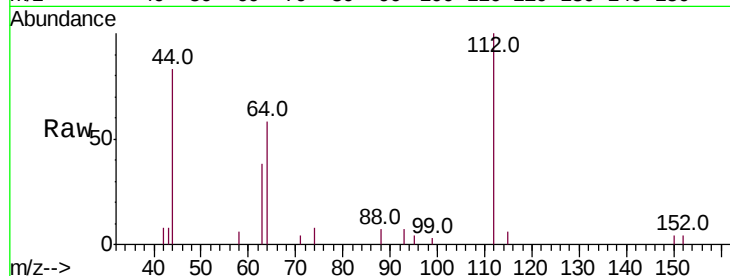
Tot Ion:112 Resp: 1944

Ion Ratio Lower Upper

112 100

64 61.8 49.0 73.6

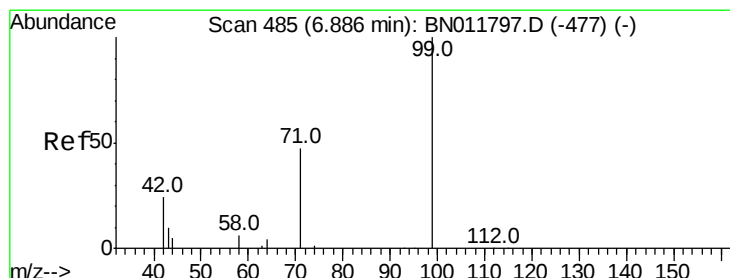
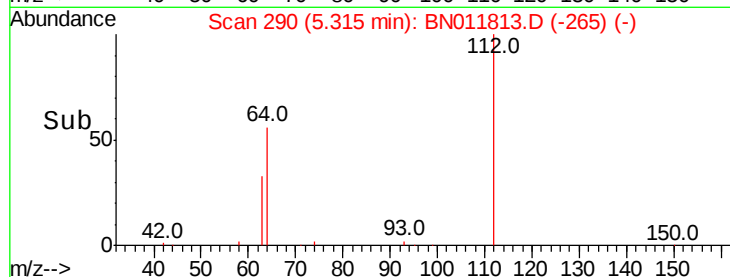
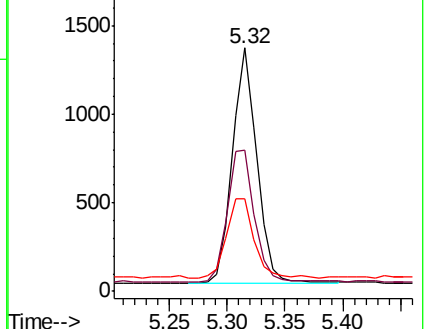
63 37.8 31.8 47.6



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: 0.369 ng

RT: 6.89 min Scan# 485

Delta R.T. -0.00 min

Lab File: BN011813.D

Acq: 16 Sep 2020 12:08

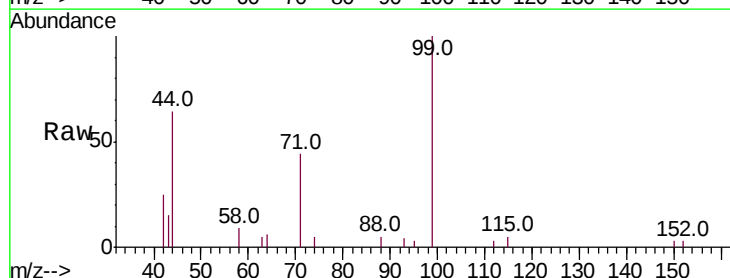
Tgt Ion: 99 Resp: 2449

Ion Ratio Lower Upper

99 100

42 23.6 23.4 35.0

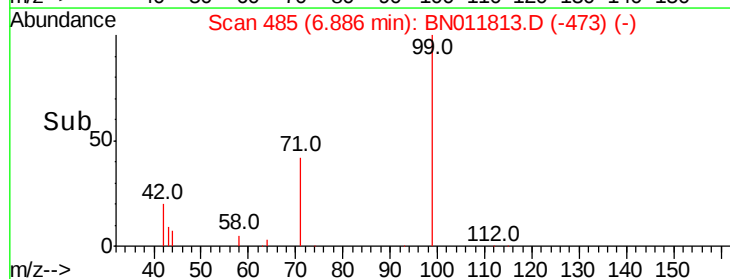
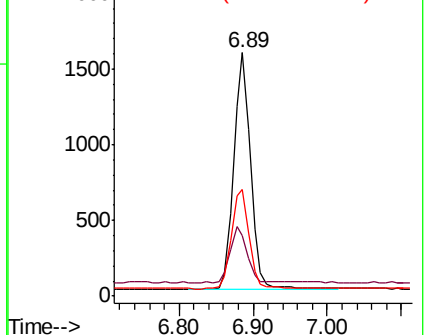
71 44.3 38.1 57.1

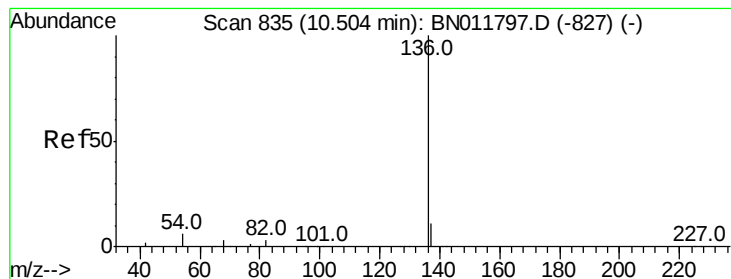


Abundance Ion 99.00 (98.70 to 99.70): BNC

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: 10.50 min Scan# 835

Delta R.T. -0.00 min

Lab File: BN011813.D

Acq: 16 Sep 2020 12:08

Instrument :

BNA_N

ClientSampleId :

PB131586BL

Tot Ion:136 Resp: 6728

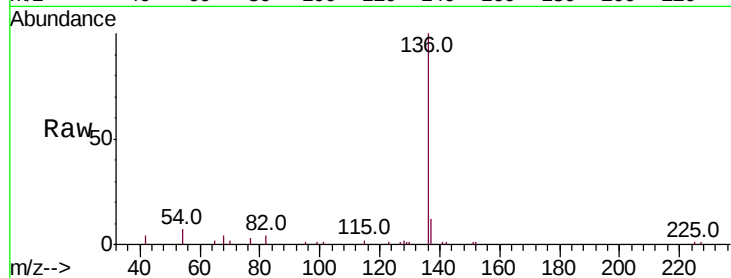
Ion Ratio Lower Upper

136 100

137 12.1 9.5 14.3

54 6.6 5.6 8.4

68 4.5 3.2 4.8

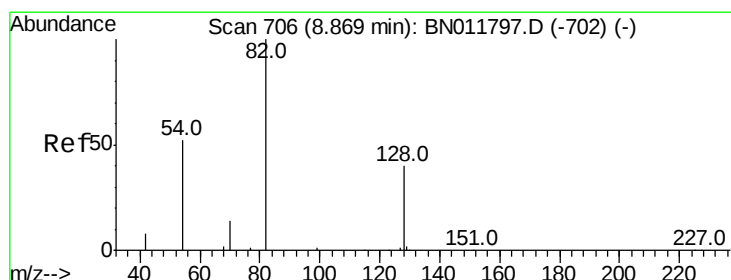
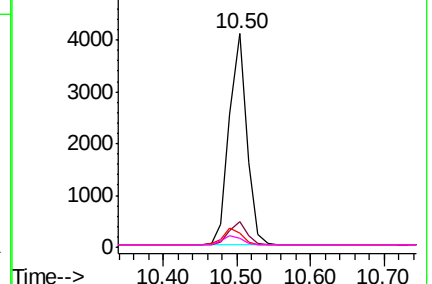
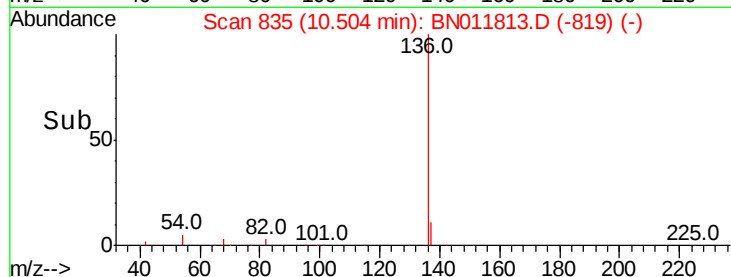


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.289 ng

RT: 8.87 min Scan# 706

Delta R.T. 0.01 min

Lab File: BN011813.D

Acq: 16 Sep 2020 12:08

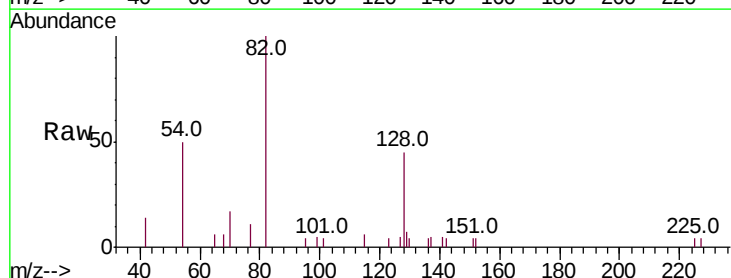
Tgt Ion: 82 Resp: 2141

Ion Ratio Lower Upper

82 100

128 45.3 34.2 51.2

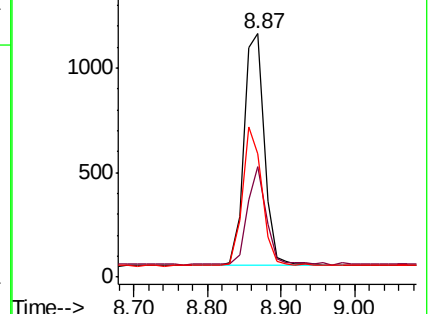
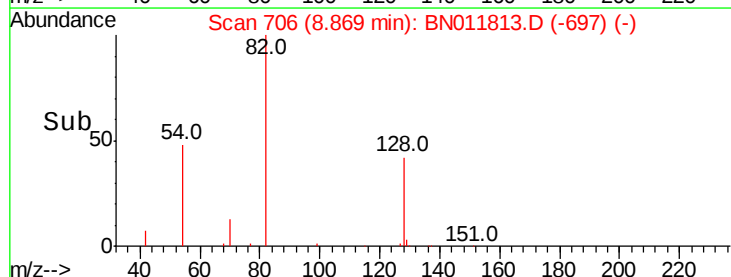
54 50.4 43.1 64.7

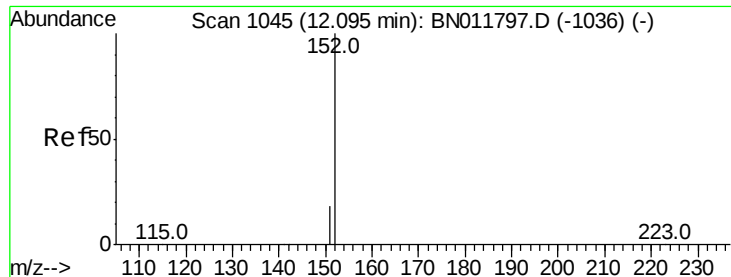


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

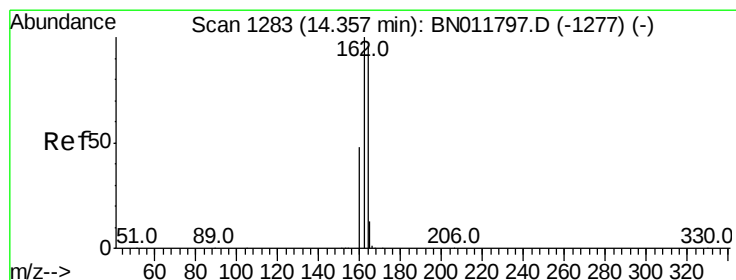
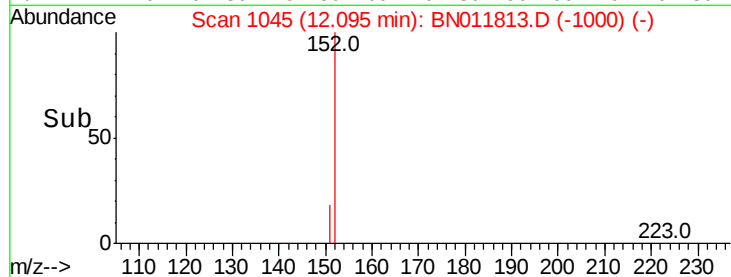
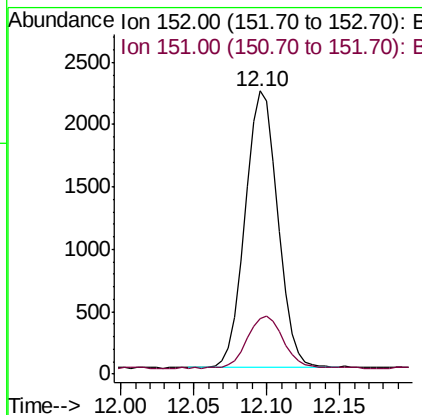
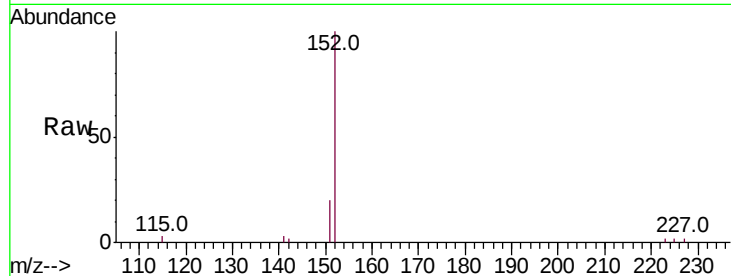




#11
2-Methylnaphthalene-d10
Concen: 0.277 ng
RT: 12.10 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BN011813.D
Acq: 16 Sep 2020 12:08

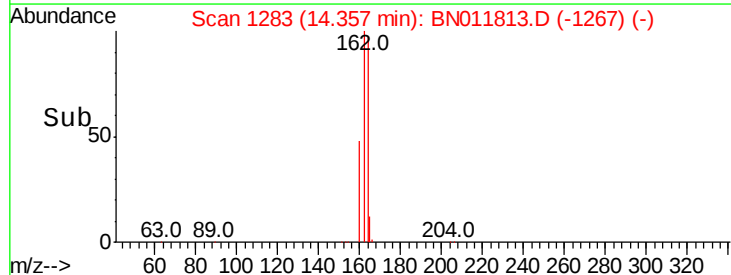
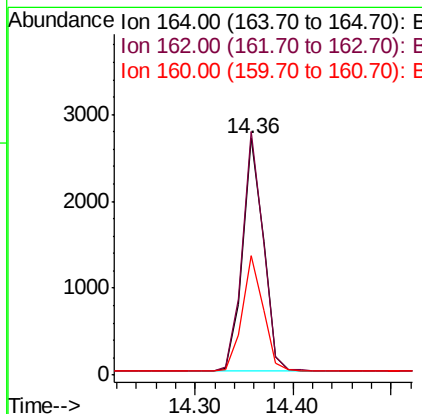
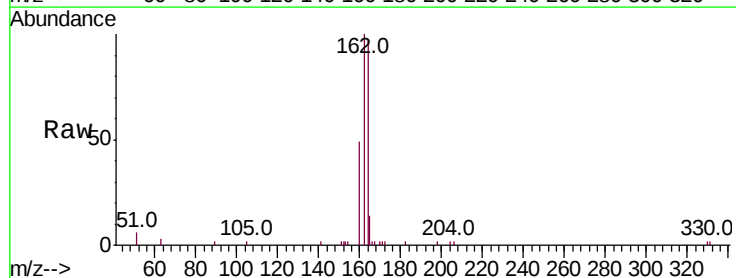
Instrument :
BNA_N
ClientSampleId :
PB131586BL

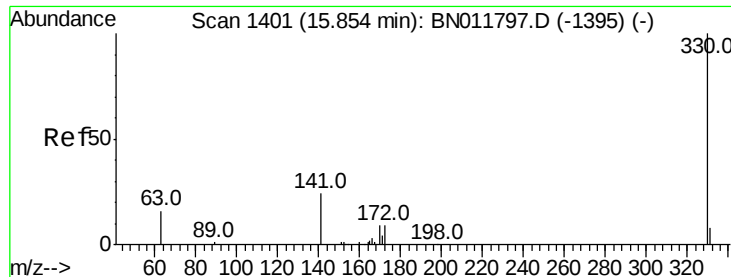
Tot Ion:152 Resp: 3506
Ion Ratio Lower Upper
152 100
151 20.8 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BN011813.D
Acq: 16 Sep 2020 12:08

Tgt Ion:164 Resp: 3937
Ion Ratio Lower Upper
164 100
162 102.7 83.6 125.4
160 50.6 41.2 61.8





#14

2,4,6-Tribromophenol

Concen: 0.390 ng

RT: 15.85 min Scan# 1401

Delta R.T. -0.00 min

Lab File: BN011813.D

Acq: 16 Sep 2020 12:08

Instrument :

BNA_N

ClientSampleId :

PB131586BL

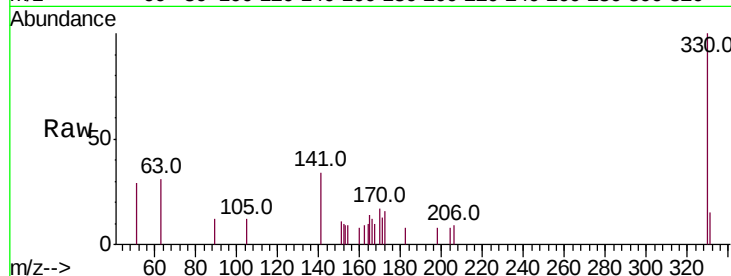
Tot Ion:330 Resp: 840

Ion Ratio Lower Upper

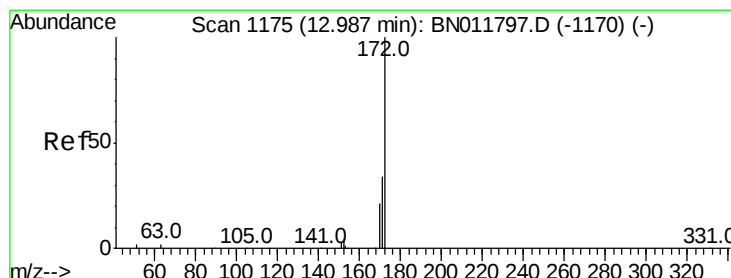
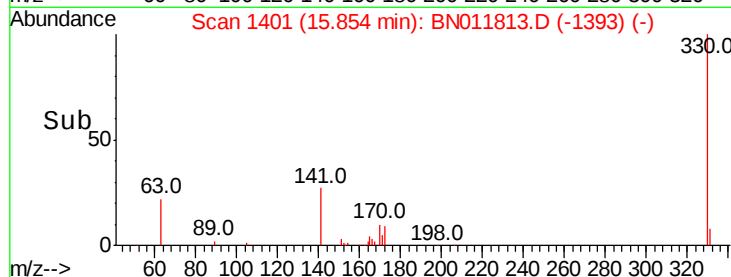
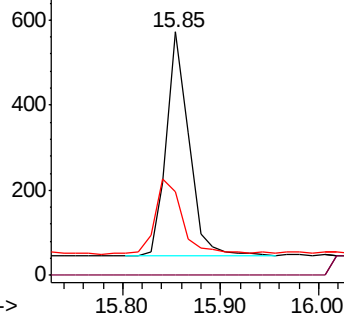
330 100

332 0.0 0.0 0.0

141 41.5 33.7 50.5



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: 0.323 ng

RT: 12.97 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BN011813.D

Acq: 16 Sep 2020 12:08

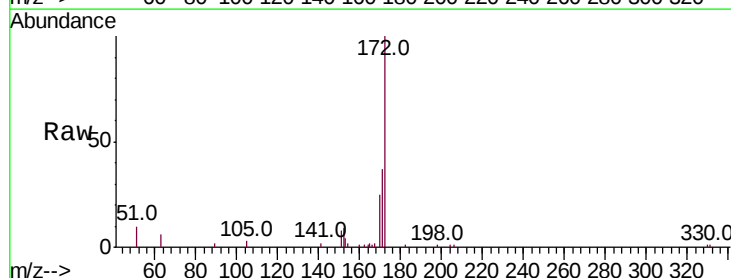
Tgt Ion:172 Resp: 5701

Ion Ratio Lower Upper

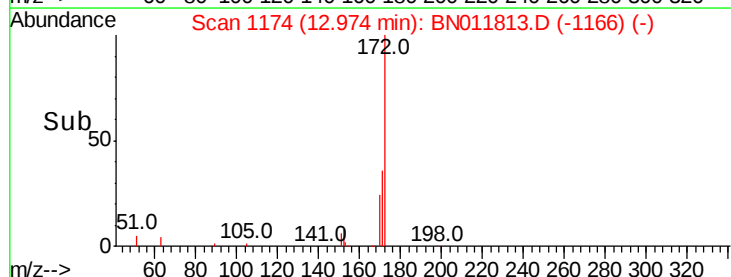
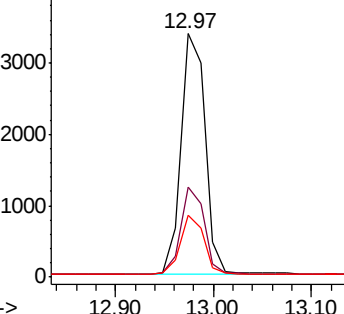
172 100

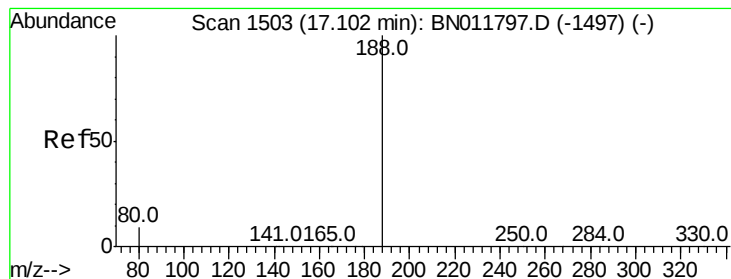
171 37.0 27.4 41.2

170 25.2 17.8 26.6



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: 17.10 min Scan# 1503

Delta R.T. -0.00 min

Lab File: BN011813.D

Acq: 16 Sep 2020 12:08

Instrument :

BNA_N

ClientSampleId :

PB131586BL

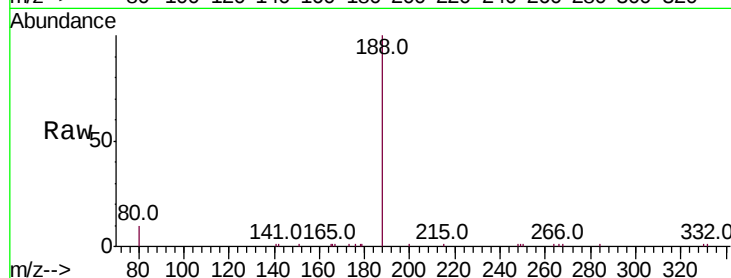
Tot Ion:188 Resp: 8765

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

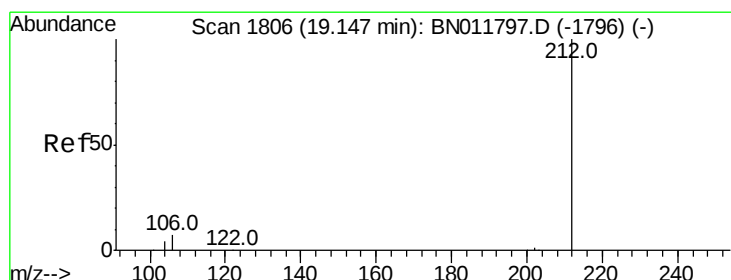
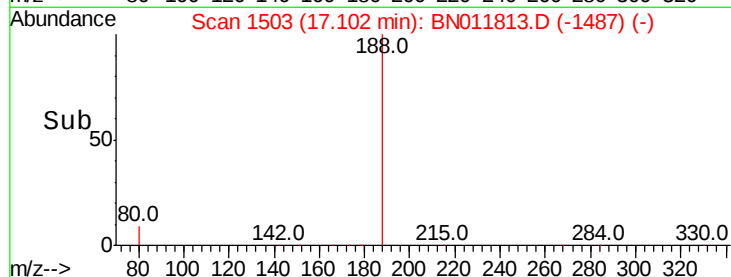
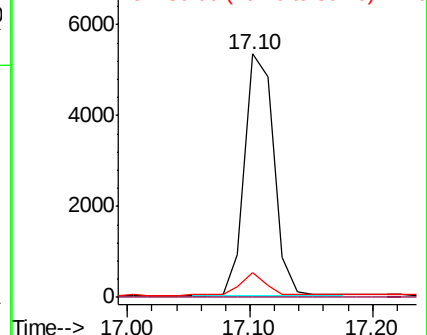
80 10.3 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#27

Fluoranthene-d10

Concen: 0.297 ng

RT: 19.15 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BN011813.D

Acq: 16 Sep 2020 12:08

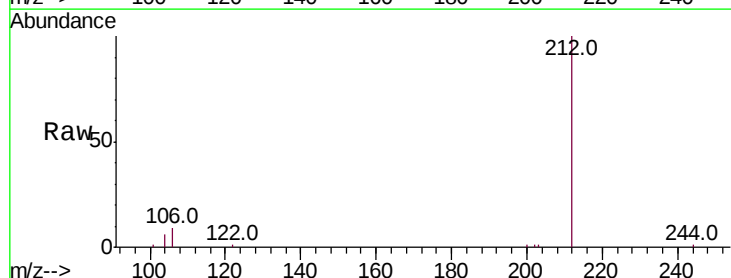
Tgt Ion:212 Resp: 8476

Ion Ratio Lower Upper

212 100

106 9.2 6.4 9.6

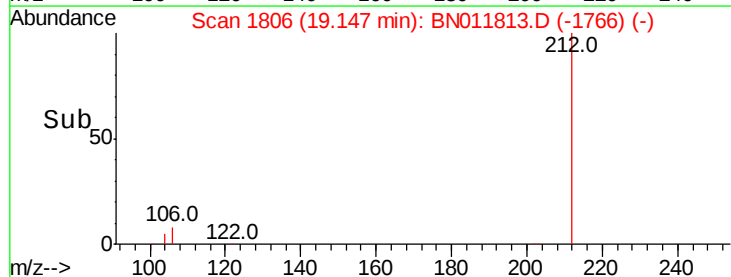
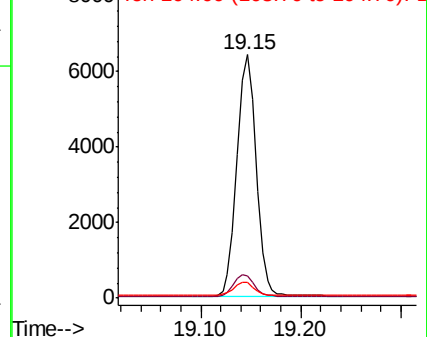
104 5.7 3.9 5.9

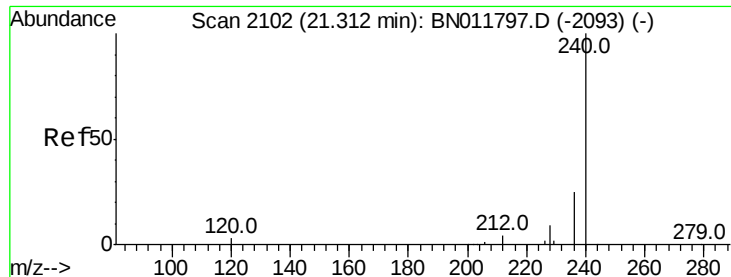


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.31 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BN011813.D

Acq: 16 Sep 2020 12:08

Instrument :

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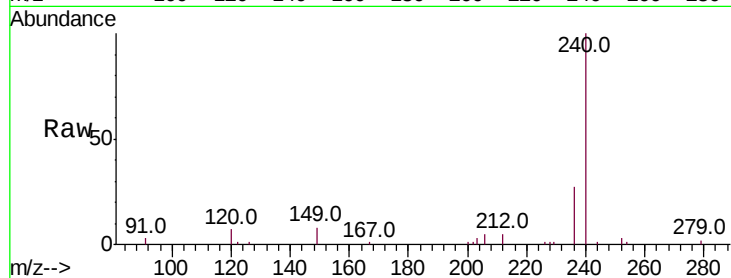
Tot Ion:240 Resp: 9443

Ion Ratio Lower Upper

240 100

120 6.8 3.5 5.3#

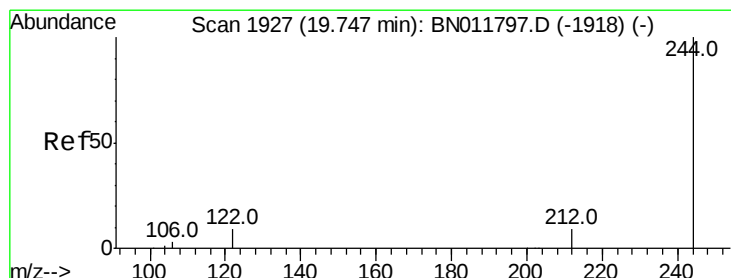
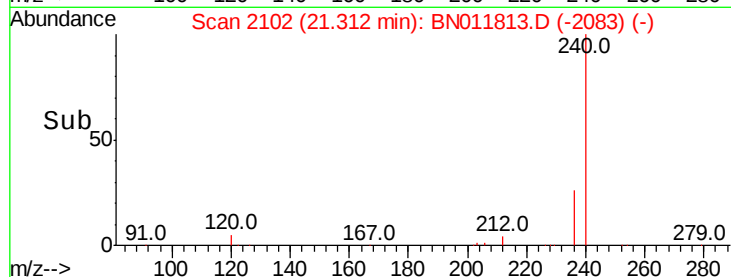
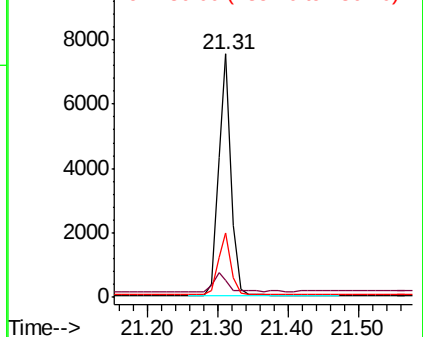
236 26.6 20.5 30.7



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



#31

Terphenyl-d14

Concen: 0.337 ng

RT: 19.75 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BN011813.D

Acq: 16 Sep 2020 12:08

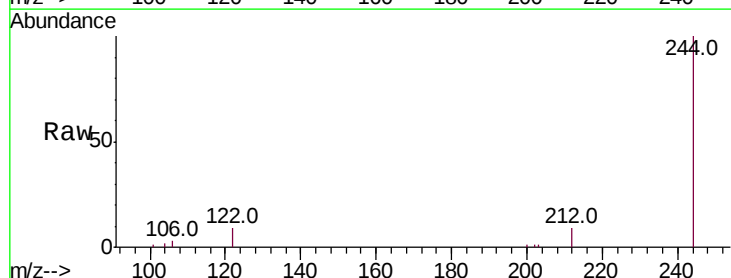
Tgt Ion:244 Resp: 9870

Ion Ratio Lower Upper

244 100

212 8.6 7.3 10.9

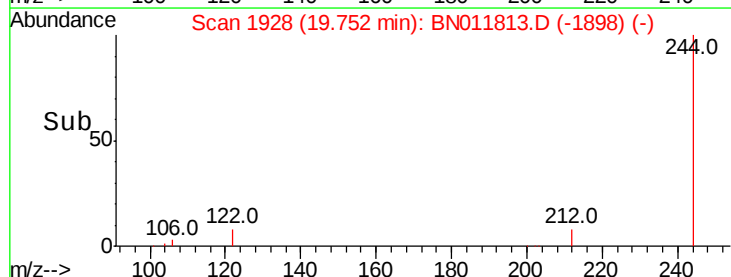
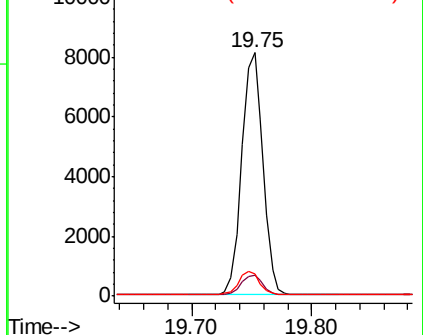
122 8.9 7.8 11.6

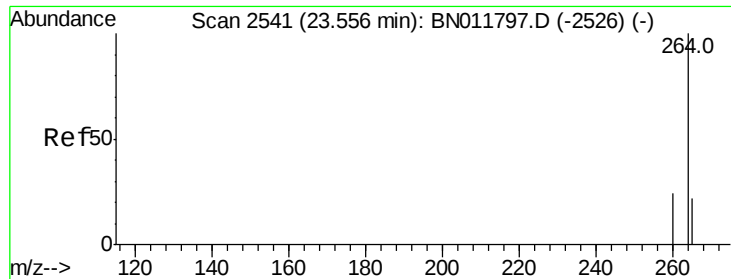


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#36
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.56 min Scan# 2542
 Delta R.T. -0.00 min
 Lab File: BN011813.D
 Acq: 16 Sep 2020 12:08

Instrument :
 BNA_N
 ClientSampleId :
 PB131586BL

Tot Ion:264 Resp: 9763
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.6 29.4
 265 69.4 38.6 58.0#

