

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062220\
 Data File : BN011004.D
 Acq On : 22 Jun 2020 12:04
 Operator : CG/JU
 Sample : PB129663BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB129663BL

Quant Time: Jun 22 12:47:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 22 12:02:11 2020
 Response via : Initial Calibration

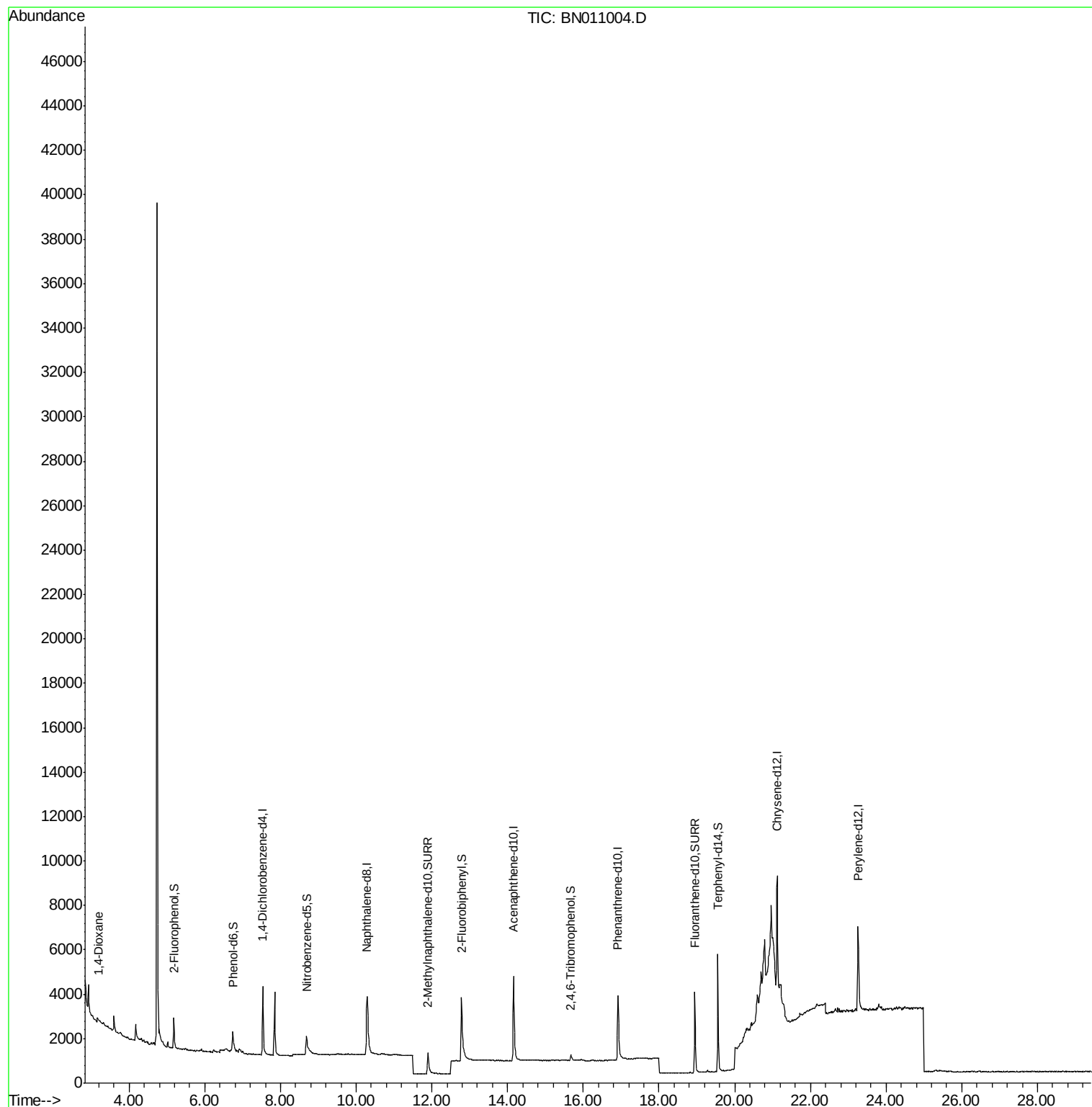
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	1796	0.40	ng	0.00
7) Naphthalene-d8	10.29	136	6054	0.40	ng	0.01
13) Acenaphthene-d10	14.16	164	3056	0.40	ng	0.01
19) Phenanthrene-d10	16.91	188	6988	0.40	ng	0.00
27) Chrysene-d12	21.12	240	6752	0.40	ng	0.00
34) Perylene-d12	23.26	264	5822	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	1384	0.40	ng	0.00
5) Phenol-d6	6.74	99	1480	0.36	ng	0.00
8) Nitrobenzene-d5	8.69	82	1546	0.35	ng	0.03
11) 2-Methylnaphthalene-d10	11.89	152	2402	0.26	ng	0.02
14) 2,4,6-Tribromophenol	15.67	330	334	0.31	ng	0.01
15) 2-Fluorobiphenyl	12.79	172	4503	0.37	ng	0.01
25) Fluoranthene-d10	18.95	212	5264	0.27	ng	0.00
29) Terphenyl-d14	19.56	244	5988	0.38	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.21	88	57	0.032	ng	Qvalue # 37

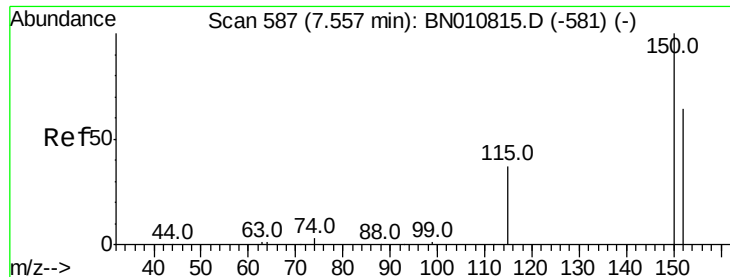
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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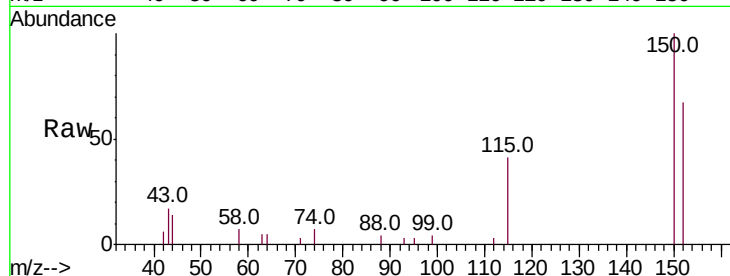


#1

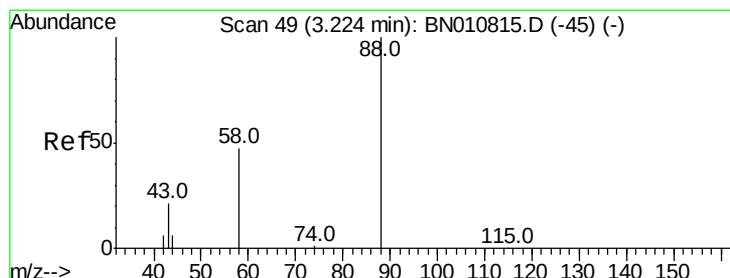
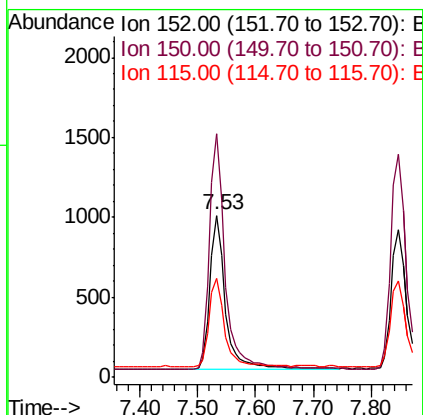
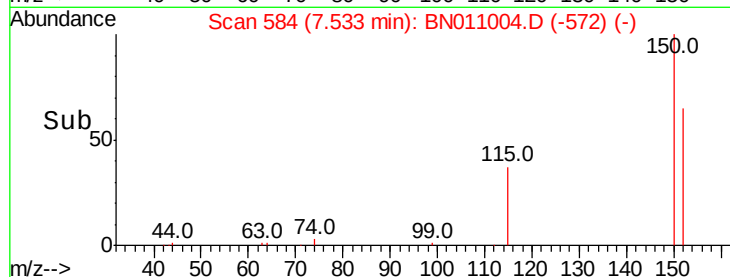
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.53 min Scan# 584
Delta R.T. 0.00 min
Lab File: BN011004.D
Acq: 22 Jun 2020 12:04

Instrument :
BNA_N
ClientSampleId :
PB129663BL

Tot Ion:152 Resp: 1796
Ion Ratio Lower Upper
152 100
150 150.3 123.8 185.6
115 60.9 49.2 73.8



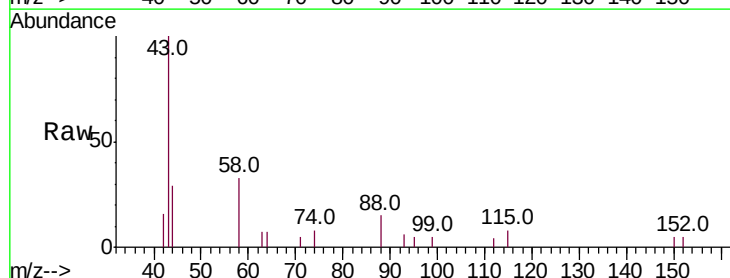
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



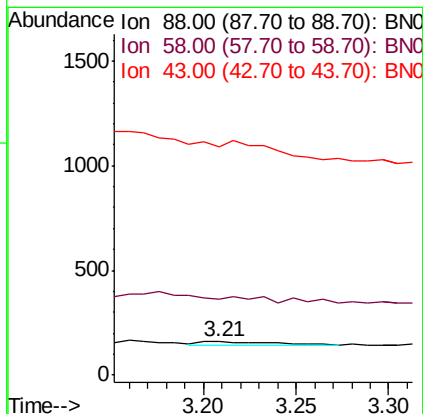
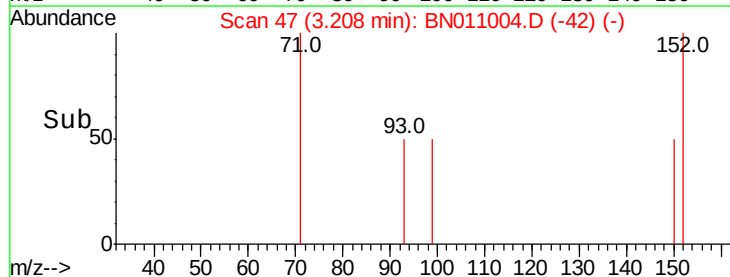
#2

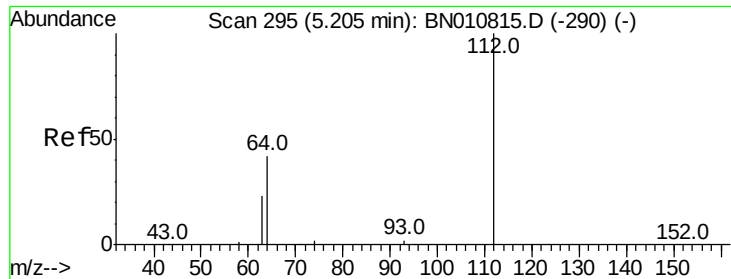
1,4-Dioxane
Concen: 0.032 ng
RT: 3.21 min Scan# 47
Delta R.T. -0.01 min
Lab File: BN011004.D
Acq: 22 Jun 2020 12:04

Tgt Ion: 88 Resp: 57
Ion Ratio Lower Upper
88 100
58 0.0 38.2 57.4#
43 0.0 15.1 22.7#



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: 0.399 ng

RT: 5.19 min Scan# 293

Delta R.T. 0.01 min

Lab File: BN011004.D

Acq: 22 Jun 2020 12:04

Instrument :

BNA_N

ClientSampled :

PB129663BL

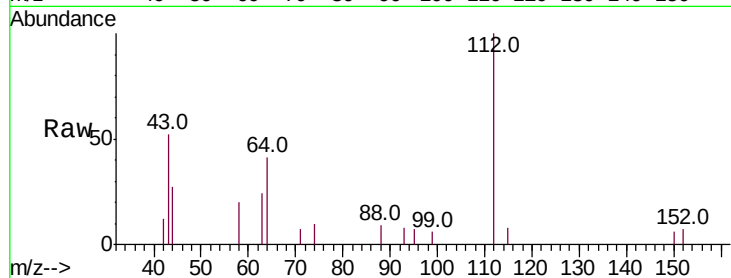
Tot Ion:112 Resp: 1384

Ion Ratio Lower Upper

112 100

64 45.2 37.4 56.0

63 26.1 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0

5.19

800

600

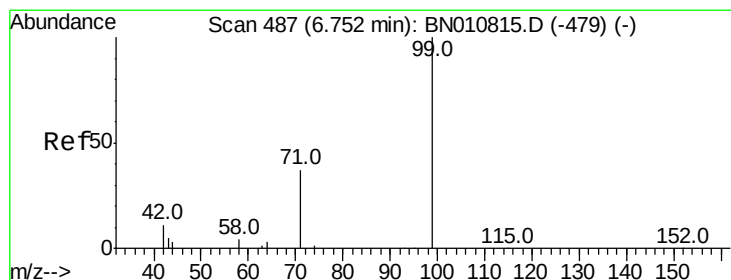
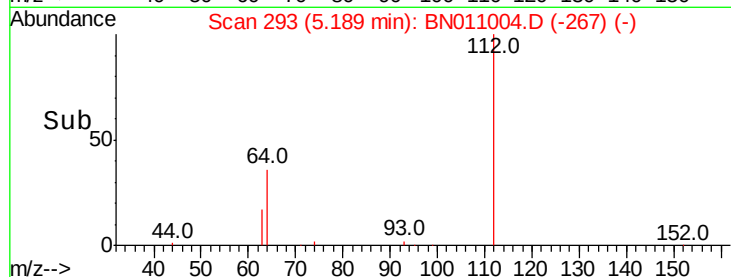
400

200

0

5.10 5.20 5.30 5.40

Time-->



#5

Phenol-d6

Concen: 0.362 ng

RT: 6.74 min Scan# 485

Delta R.T. 0.01 min

Lab File: BN011004.D

Acq: 22 Jun 2020 12:04

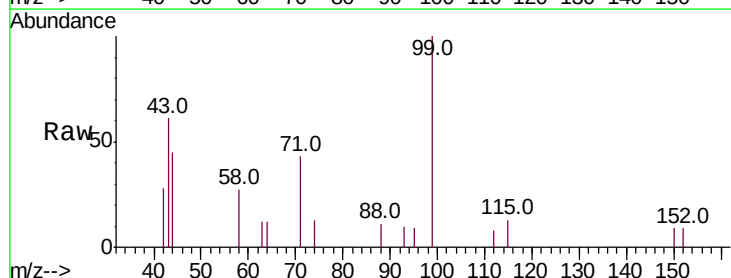
Tgt Ion: 99 Resp: 1480

Ion Ratio Lower Upper

99 100

42 13.5 11.1 16.7

71 37.8 31.4 47.2



Abundance Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0

6.74

600

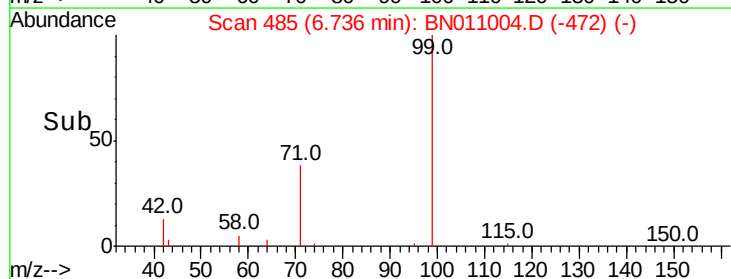
400

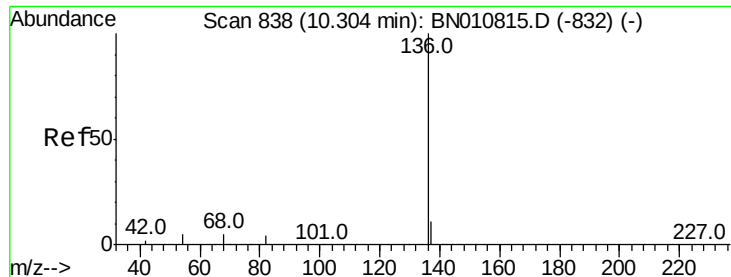
200

0

6.60 6.70 6.80 6.90

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.29 min Scan# 837

Delta R.T. 0.01 min

Lab File: BN011004.D

Acq: 22 Jun 2020 12:04

Instrument :

BNA_N

ClientSampleId :

PB129663BL

Tot Ion:136 Resp: 6054

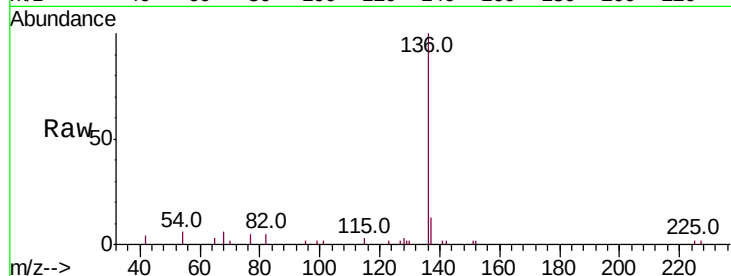
Ion Ratio Lower Upper

136 100

137 13.1 9.7 14.5

54 5.5 4.9 7.3

68 6.0 4.7 7.1

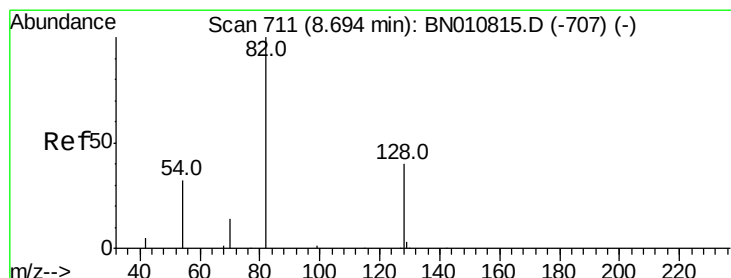
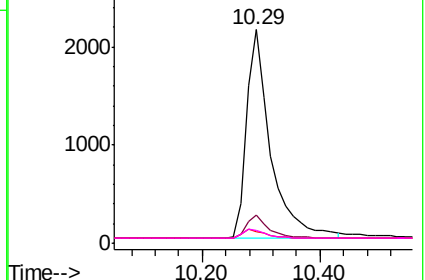
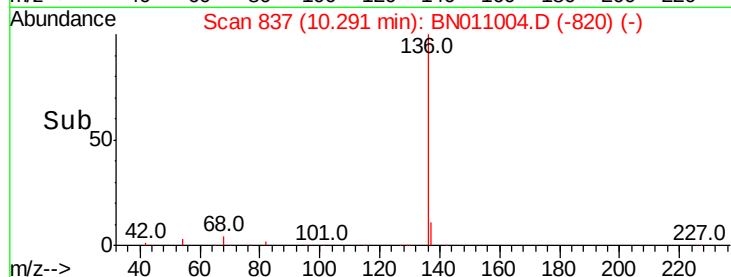


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.345 ng

RT: 8.69 min Scan# 711

Delta R.T. 0.03 min

Lab File: BN011004.D

Acq: 22 Jun 2020 12:04

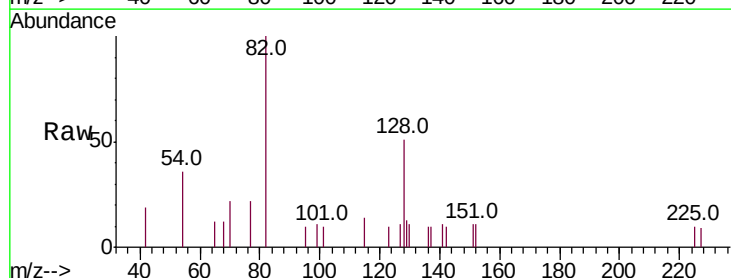
Tgt Ion: 82 Resp: 1546

Ion Ratio Lower Upper

82 100

128 50.6 35.4 53.0

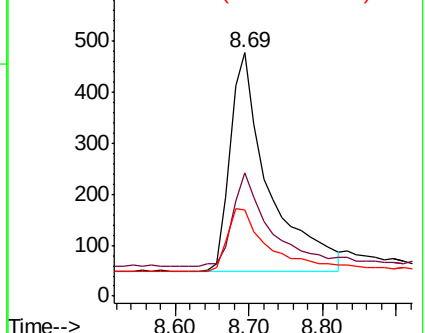
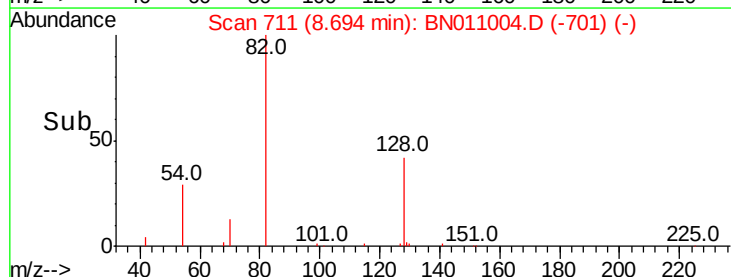
54 35.6 28.2 42.4

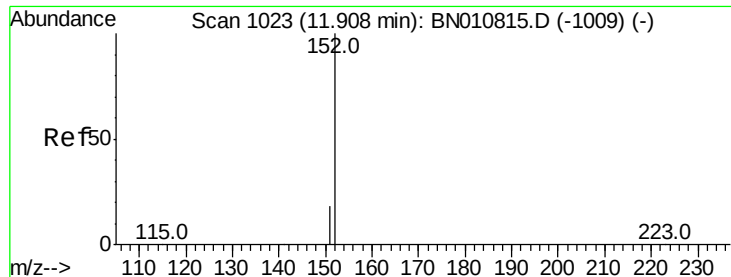


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

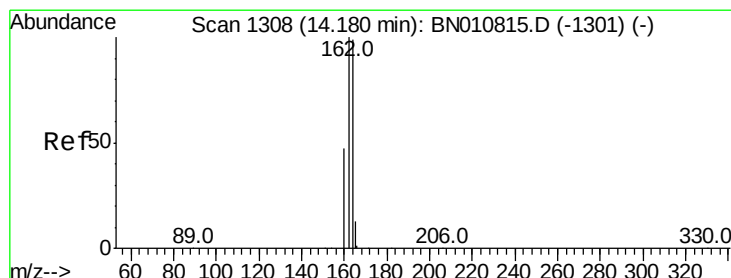
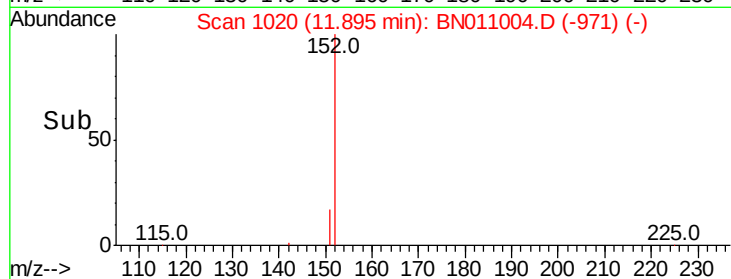
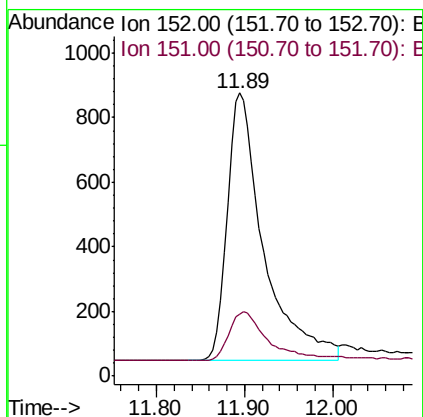
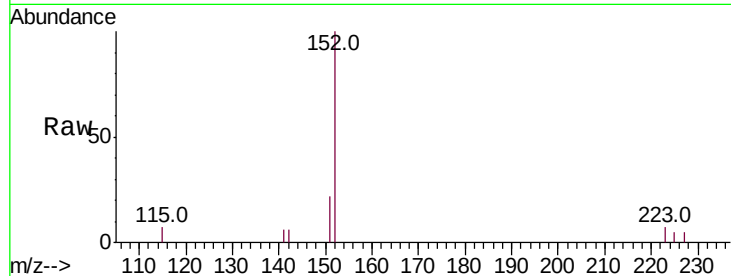




#11
2-Methylnaphthalene-d10
Concen: 0.256 ng
RT: 11.89 min Scan# 1020
Delta R.T. 0.02 min
Lab File: BN011004.D
Acq: 22 Jun 2020 12:04

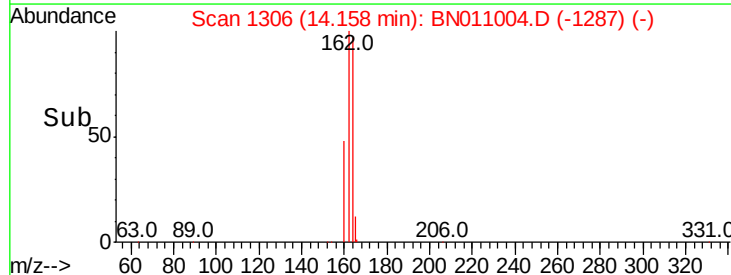
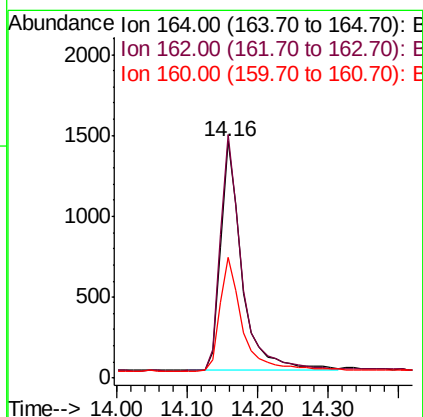
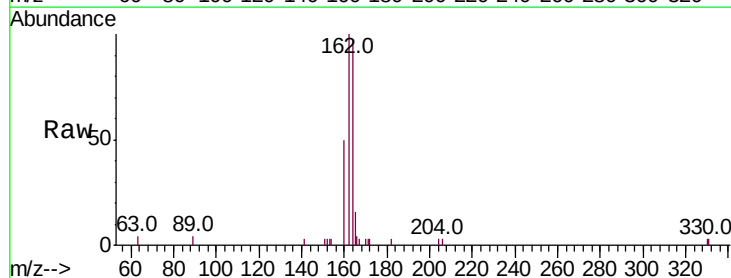
Instrument :
BNA_N
ClientSampleId :
PB129663BL

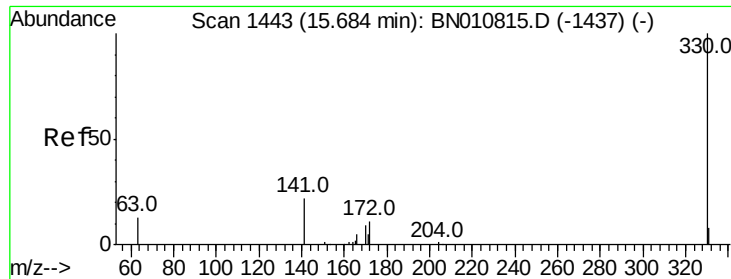
Tot Ion:152 Resp: 2402
Ion Ratio Lower Upper
152 100
151 19.1 15.3 22.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.16 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BN011004.D
Acq: 22 Jun 2020 12:04

Tgt Ion:164 Resp: 3056
Ion Ratio Lower Upper
164 100
162 102.7 81.0 121.6
160 51.0 38.9 58.3

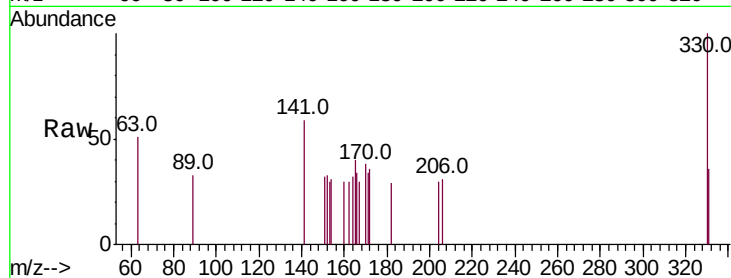




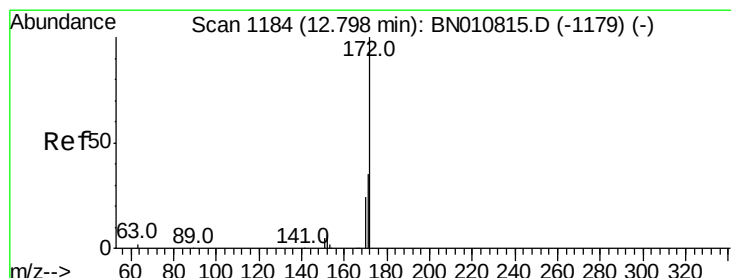
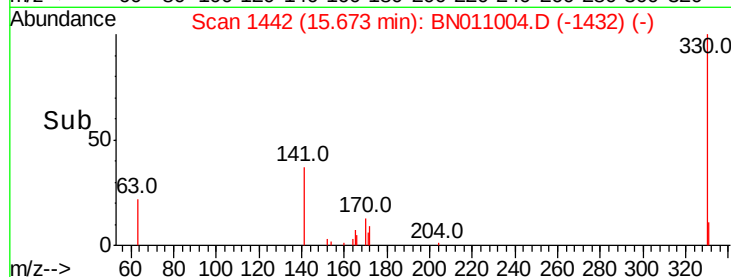
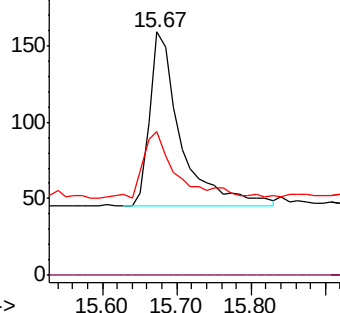
#14
2,4,6-Tribromophenol
Concen: 0.306 ng
RT: 15.67 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BN011004.D
Acq: 22 Jun 2020 12:04

Instrument :
BNA_N
ClientSampleId :
PB129663BL

Tot Ion:330 Resp: 334
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.1 33.2 49.8

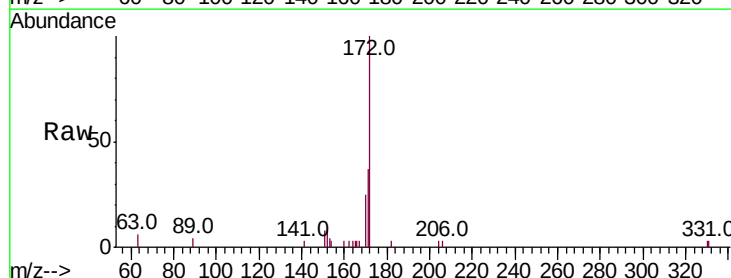


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

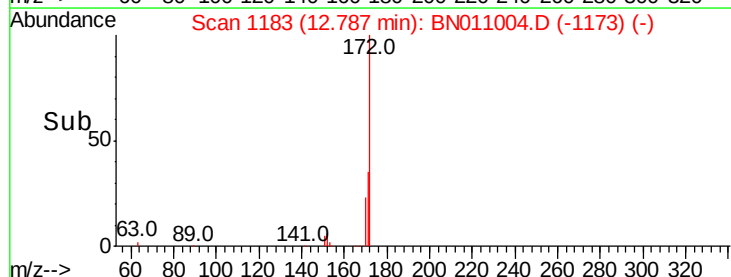
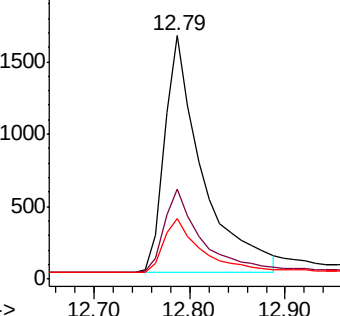


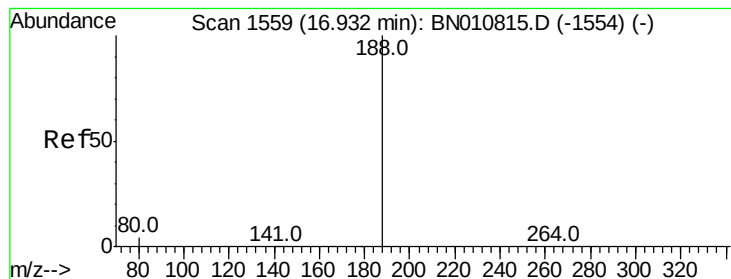
#15
2-Fluorobiphenyl
Concen: 0.373 ng
RT: 12.79 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BN011004.D
Acq: 22 Jun 2020 12:04

Tgt Ion:172 Resp: 4503
Ion Ratio Lower Upper
172 100
171 37.2 28.5 42.7
170 24.9 19.7 29.5



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: 16.91 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BN011004.D

Acq: 22 Jun 2020 12:04

Instrument :

BNA_N

ClientSampleId :

PB129663BL

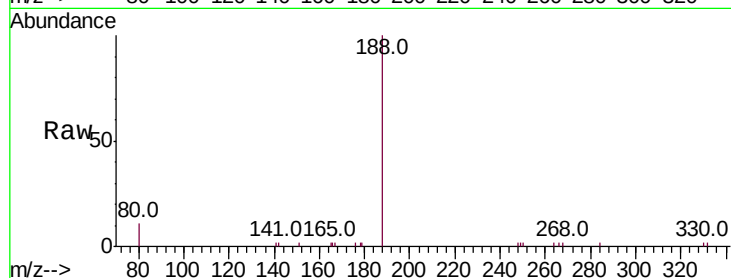
Tot Ion:188 Resp: 6988

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

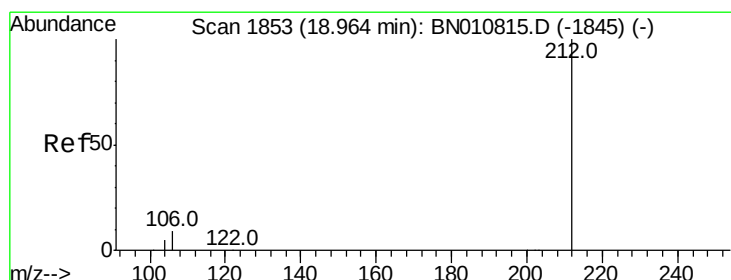
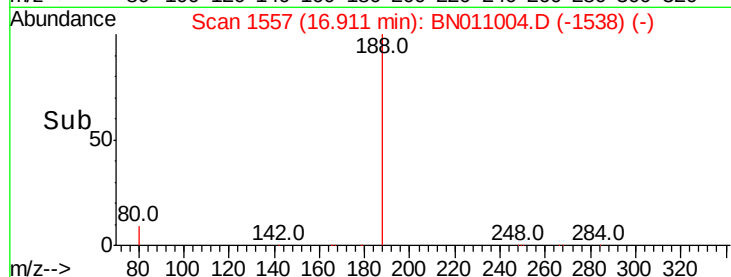
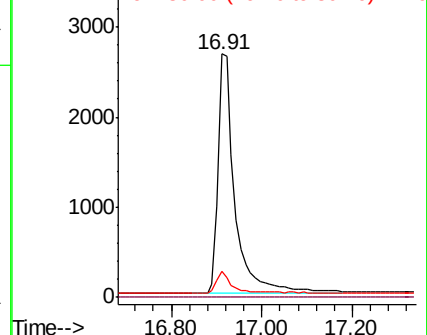
80 10.5 4.5 6.7#



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: 0.273 ng

RT: 18.95 min Scan# 1850

Delta R.T. 0.01 min

Lab File: BN011004.D

Acq: 22 Jun 2020 12:04

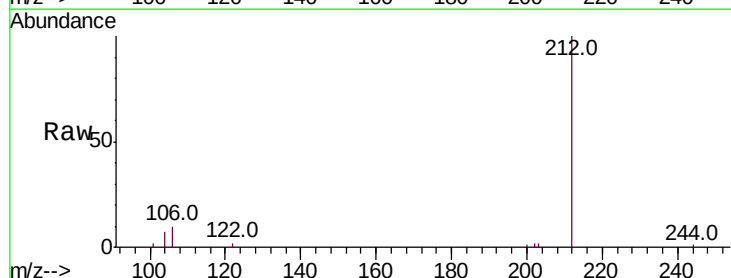
Tgt Ion:212 Resp: 5264

Ion Ratio Lower Upper

212 100

106 9.0 6.6 10.0

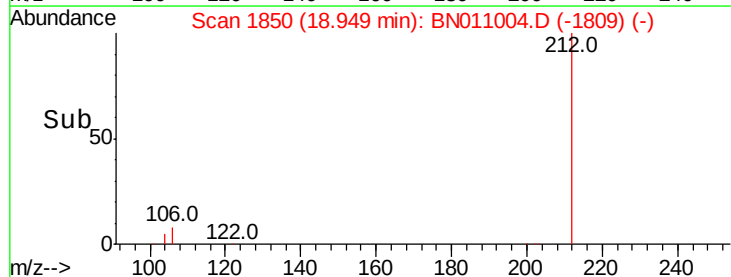
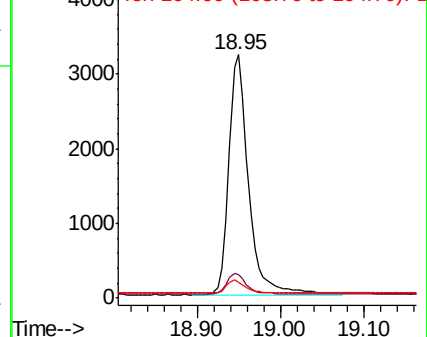
104 5.3 4.0 6.0

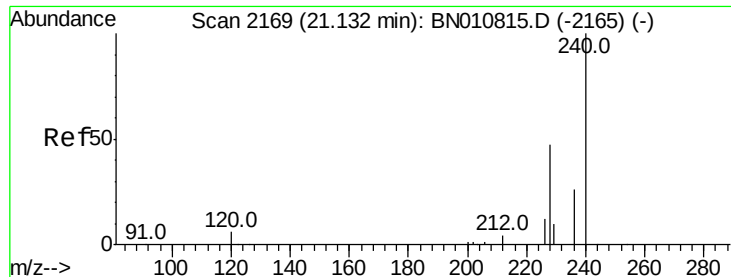


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.12 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BN011004.D

Acq: 22 Jun 2020 12:04

Instrument :

BNA_N

ClientSampleId :

PB129663BL

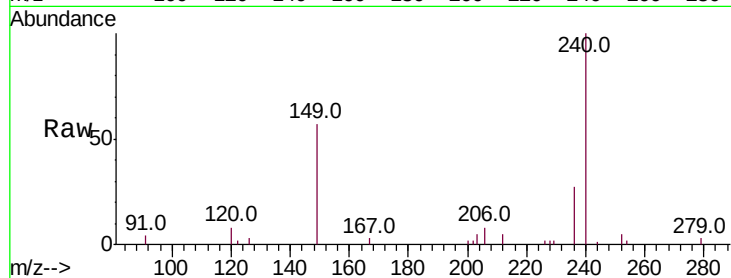
Tot Ion:240 Resp: 6752

Ion Ratio Lower Upper

240 100

120 8.0 7.5 11.3

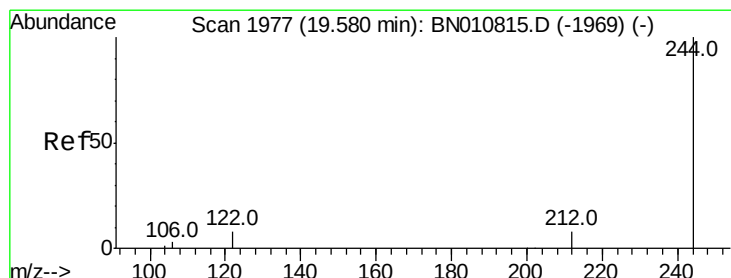
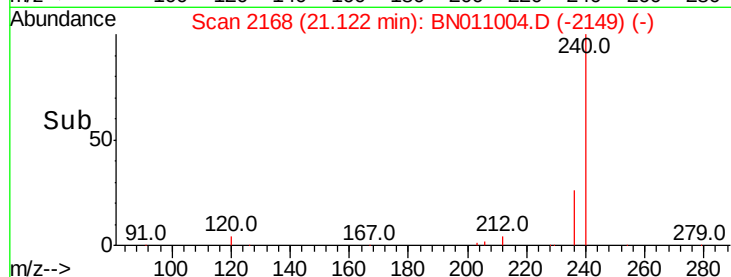
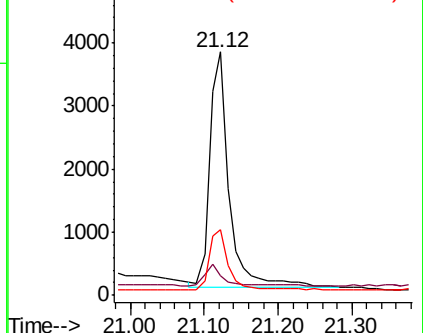
236 26.8 22.3 33.5



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: 0.379 ng

RT: 19.56 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BN011004.D

Acq: 22 Jun 2020 12:04

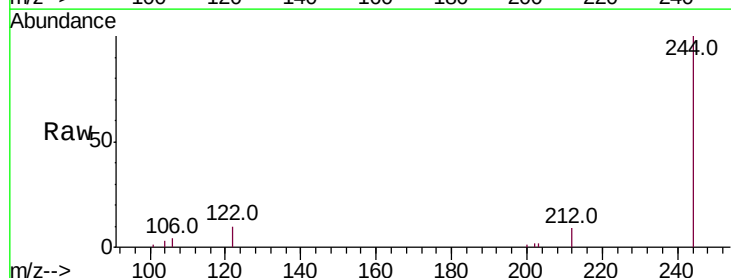
Tgt Ion:244 Resp: 5988

Ion Ratio Lower Upper

244 100

212 9.2 7.4 11.2

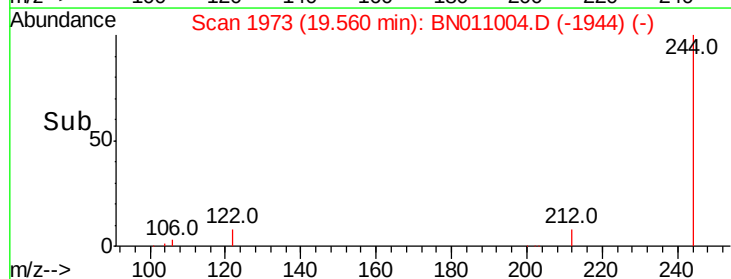
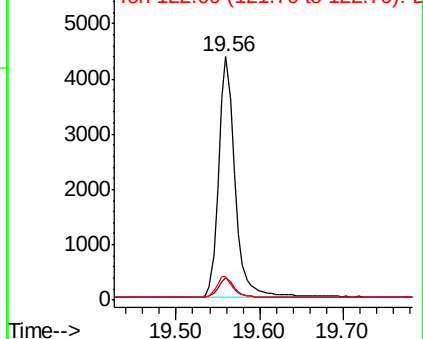
122 9.5 7.5 11.3

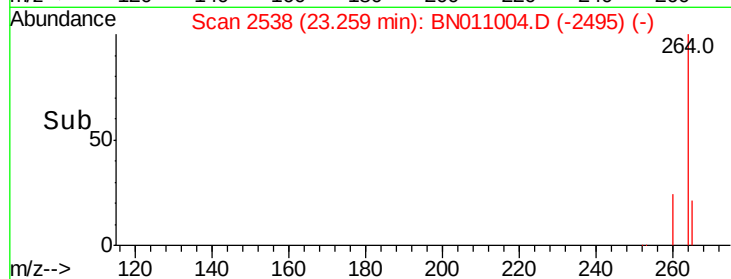
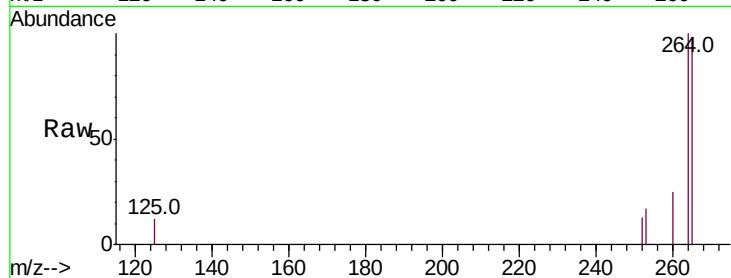
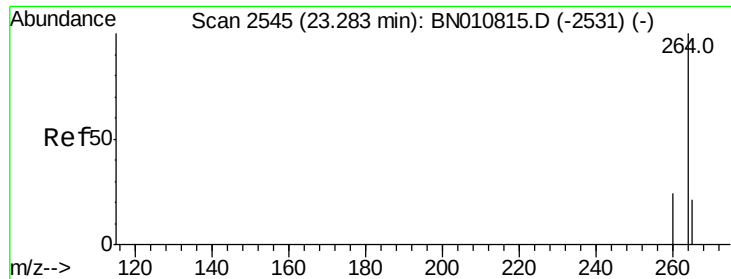


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.26 min Scan# 2538

Delta R.T. -0.00 min

Lab File: BN011004.D

Acq: 22 Jun 2020 12:04

Instrument :

BNA_N

ClientSampleId :

PB129663BL

Tot Ion: 264 Resp: 5822

Ion Ratio Lower Upper

264 100

260 24.9 20.4 30.6

265 98.4 75.0 112.4

