

Data File : BN007224.D
Acq On : 16 Aug 2019 15:48
Operator : HP/JU
Sample : PB122289BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB122289BL

Quant Time: Aug 17 00:58:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 12:12:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	6486	0.40	ng	-0.02
6) Naphthalene-d8	10.17	136	23590	0.40	ng	-0.01
12) Acenaphthene-d10	14.07	164	12971	0.40	ng	-0.01
18) Phenanthrene-d10	16.81	188	32537	0.40	ng	-0.01
26) Chrysene-d12	21.03	240	33289	0.40	ng	-0.02
32) Perylene-d12	23.15	264	37278	0.40	ng	-0.02

System Monitoring Compounds						
3) 2-Fluorophenol	5.05	112	6232	0.40	ng	0.00
4) Phenol-d6	6.61	99	7979	0.41	ng	0.00
7) Nitrobenzene-d5	8.55	82	5972	0.31	ng	-0.01
10) 2-Methylnaphthalene-d10	11.78	152	13780	0.31	ng	-0.02
13) 2,4,6-Tribromophenol	15.57	330	1458	0.21	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	1297	0.07	ng	0.00
24) Fluoranthene-d10	18.86	212	35469	0.31	ng	-0.01
28) Terphenyl-d14	19.48	244	27495	0.30	ng	-0.01

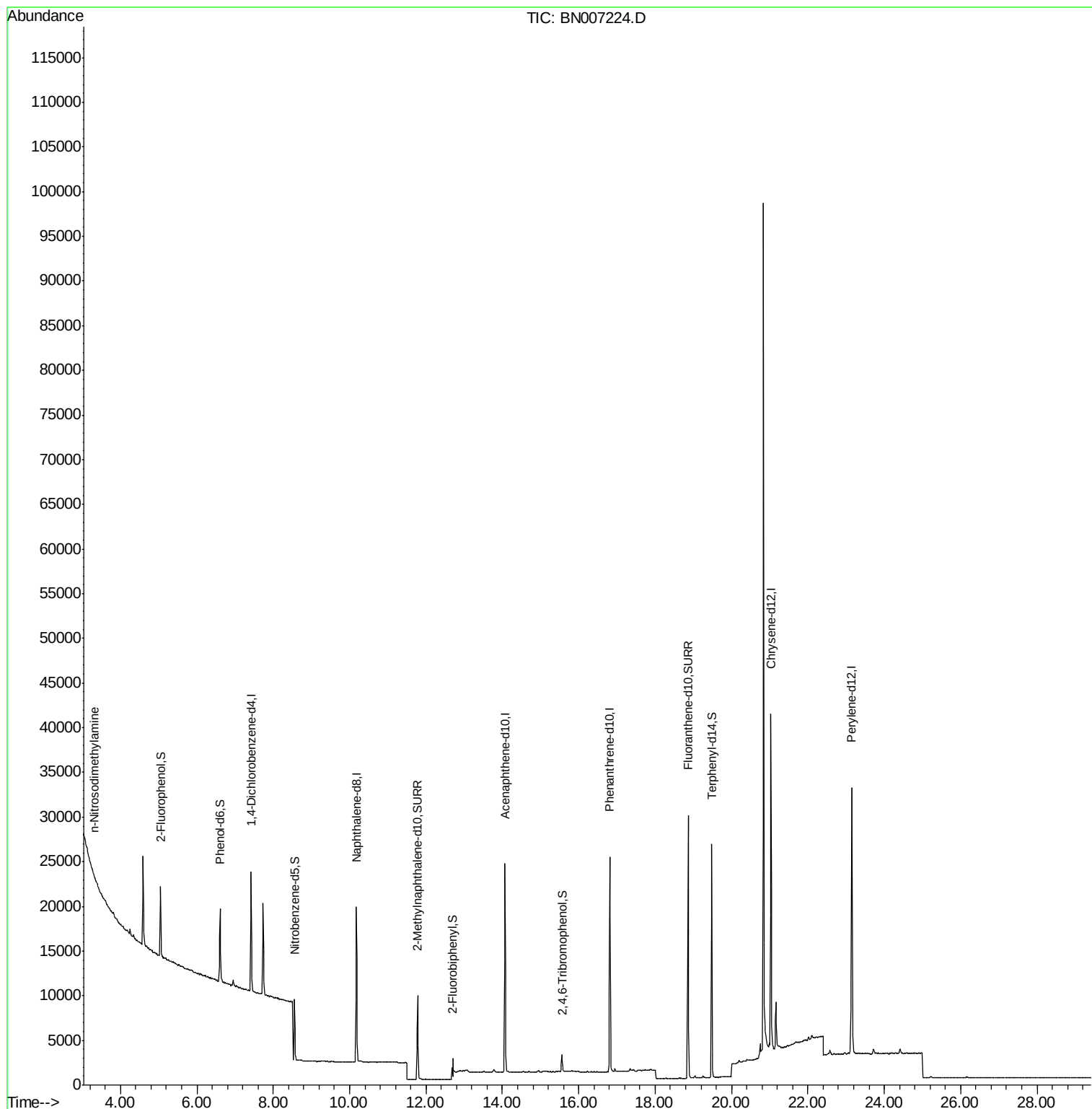
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	3.34	42	95	0.022	ng	# 9

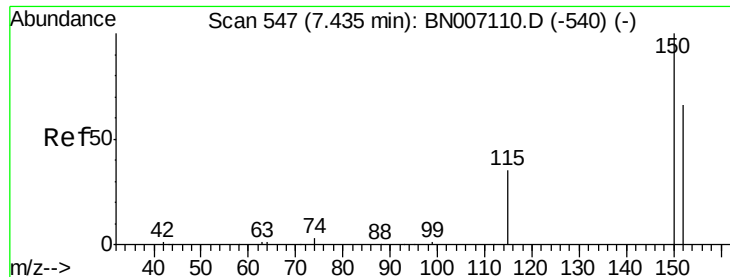
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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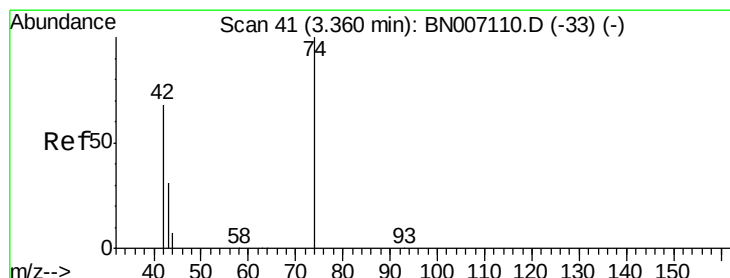
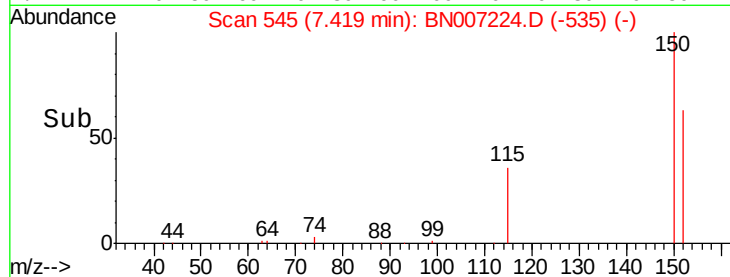
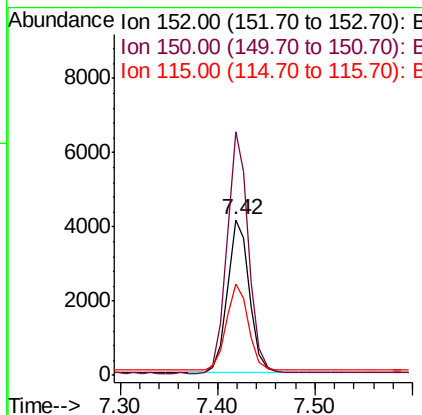
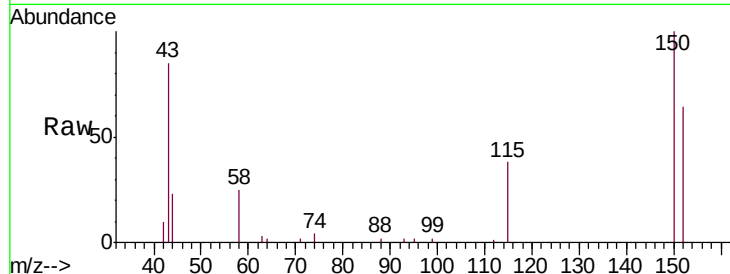


#1

1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.42 min Scan# 545
 Delta R.T. -0.02 min
 Lab File: BN007224.D
 Acq: 16 Aug 2019 15:48

Instrument :
 BNA_N
 ClientSampleId :
 PB122289BL

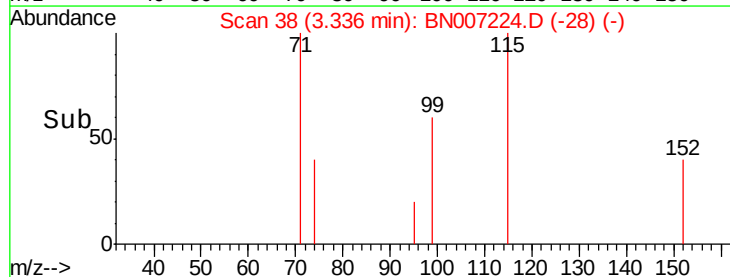
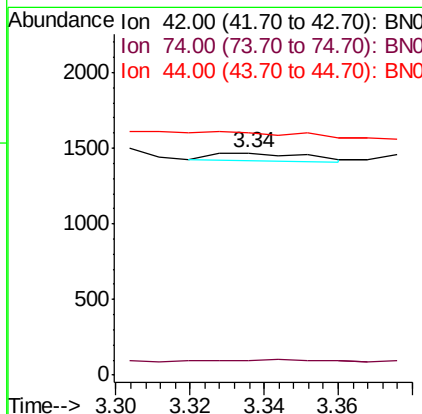
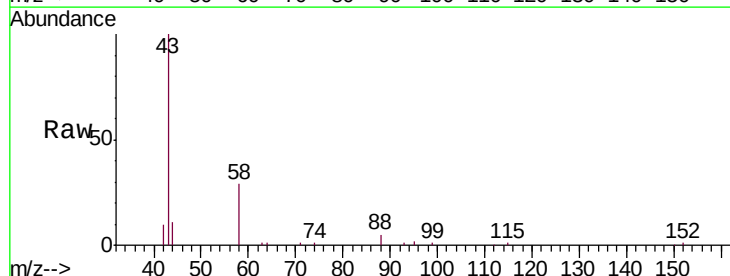
Tgt Ion: 152 Resp: 6486
 Ion Ratio Lower Upper
 152 100
 150 156.7 121.7 182.5
 115 59.0 46.2 69.4

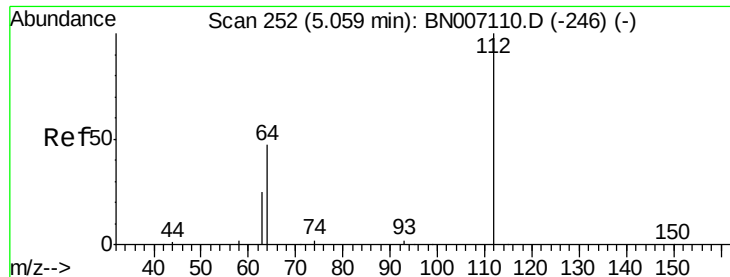


#2

n-Nitrosodimethylamine
 Concen: 0.022 ng
 RT: 3.34 min Scan# 38
 Delta R.T. -0.02 min
 Lab File: BN007224.D
 Acq: 16 Aug 2019 15:48

Tgt Ion: 42 Resp: 95
 Ion Ratio Lower Upper
 42 100
 74 28.4 110.6 166.0#
 44 0.0 0.0 0.0





#3

2-Fluorophenol

Concen: 0.400 ng

RT: 5.05 min Scan# 251

Delta R.T. -0.01 min

Lab File: BN007224.D

Acq: 16 Aug 2019 15:48

Instrument :

BNA_N

ClientSampleId :

PB122289BL

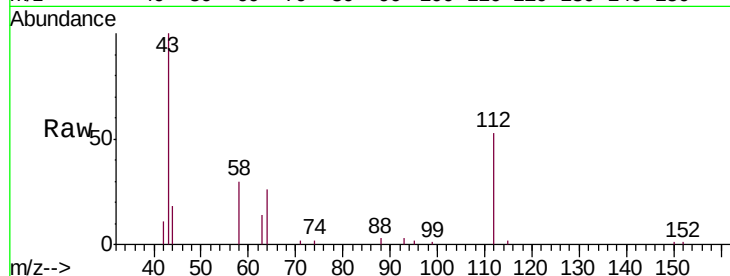
Tgt Ion: 112 Resp: 6232

Ion Ratio Lower Upper

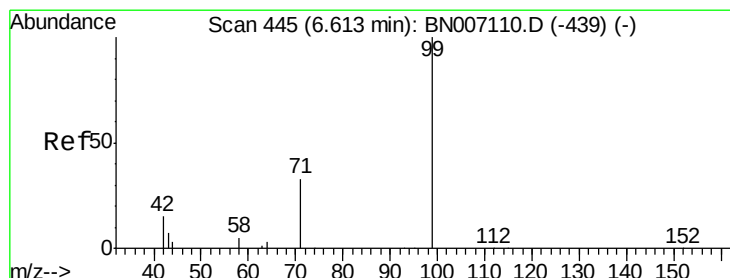
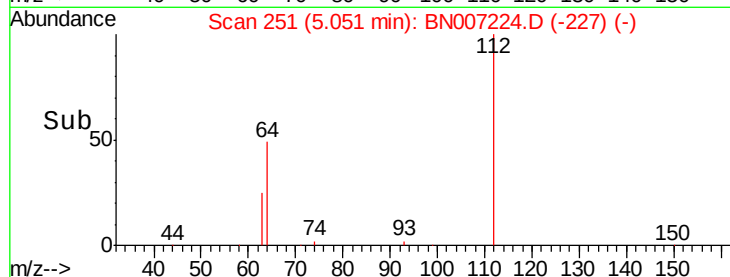
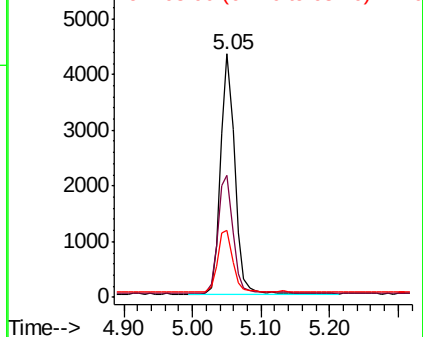
112 100

64 52.3 42.6 63.8

63 27.2 22.2 33.2



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



#4

Phenol-d6

Concen: 0.413 ng

RT: 6.61 min Scan# 444

Delta R.T. -0.01 min

Lab File: BN007224.D

Acq: 16 Aug 2019 15:48

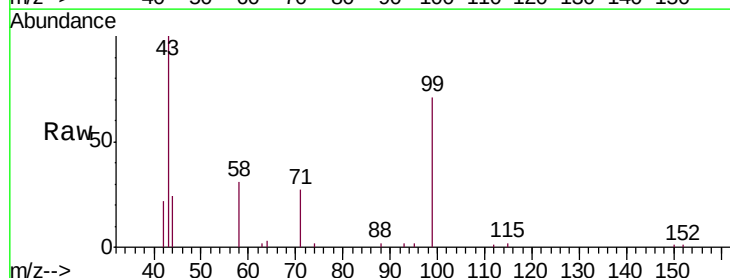
Tgt Ion: 99 Resp: 7979

Ion Ratio Lower Upper

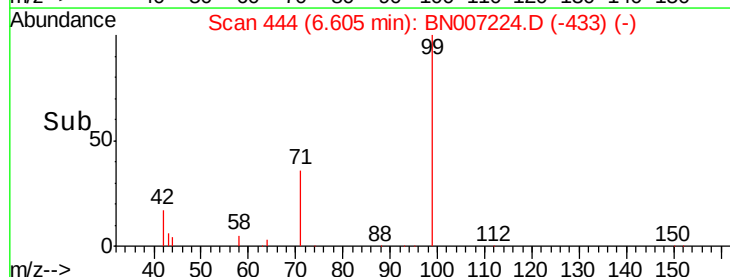
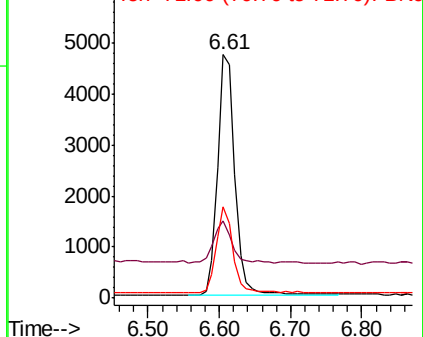
99 100

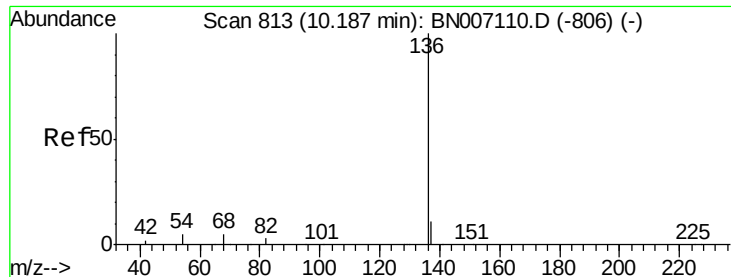
42 18.8 15.8 23.6

71 34.8 27.0 40.4



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





#6

Naphthalene-d8

Concen: 0.400 ng

RT: 10.17 min Scan# 812

Delta R.T. -0.01 min

Lab File: BN007224.D

Acq: 16 Aug 2019 15:48

Instrument :

BNA_N

ClientSampleId :

PB122289BL

Tgt Ion:136 Resp: 23590

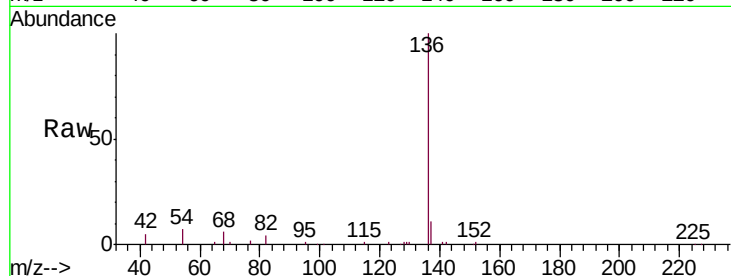
Ion Ratio Lower Upper

136 100

137 11.0 9.4 14.0

54 6.6 6.6 9.8

68 6.1 6.0 9.0

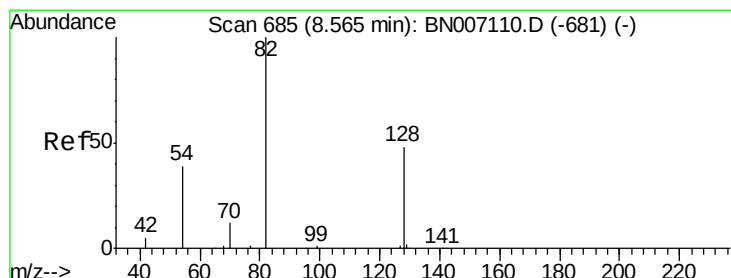
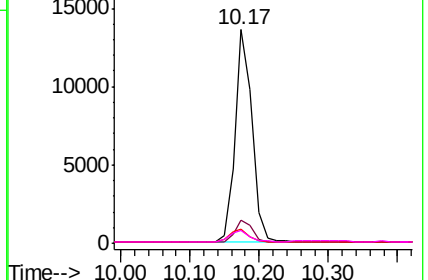
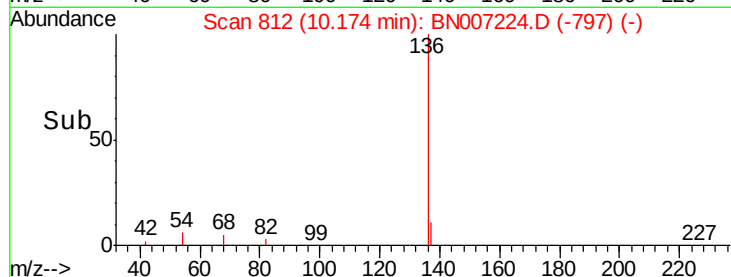


Abundance Ion 136.00 (135.70 to 136.70): E

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



#7

Nitrobenzene-d5

Concen: 0.314 ng

RT: 8.55 min Scan# 684

Delta R.T. -0.01 min

Lab File: BN007224.D

Acq: 16 Aug 2019 15:48

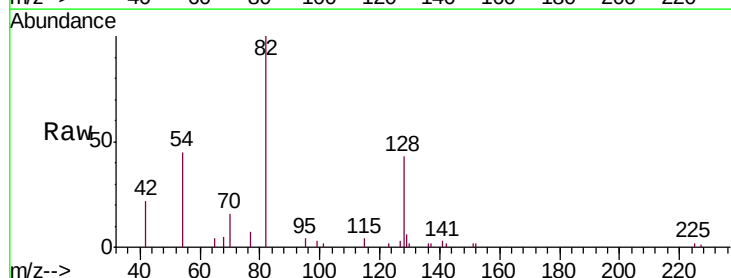
Tgt Ion: 82 Resp: 5972

Ion Ratio Lower Upper

82 100

128 43.2 34.6 51.8

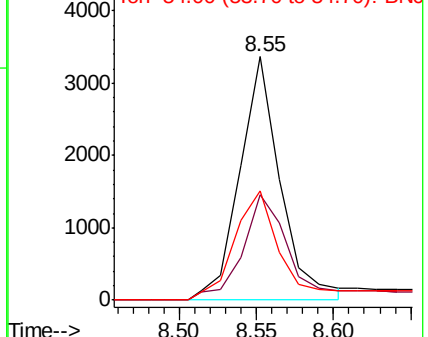
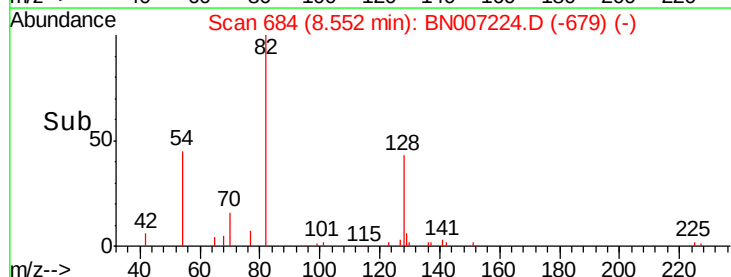
54 45.0 36.2 54.4

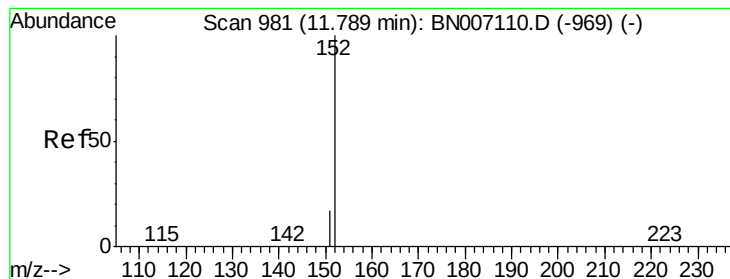


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#10

2-Methylnaphthalene-d10

Concen: 0.313 ng

RT: 11.78 min Scan# 978

Delta R.T. -0.02 min

Lab File: BN007224.D

Acq: 16 Aug 2019 15:48

Instrument :

BNA_N

ClientSampleId :

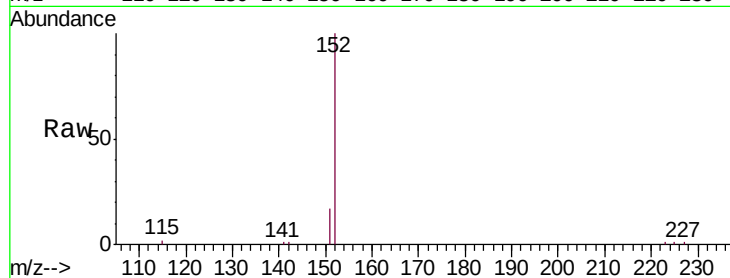
PB122289BL

Tgt Ion:152 Resp: 13780

Ion Ratio Lower Upper

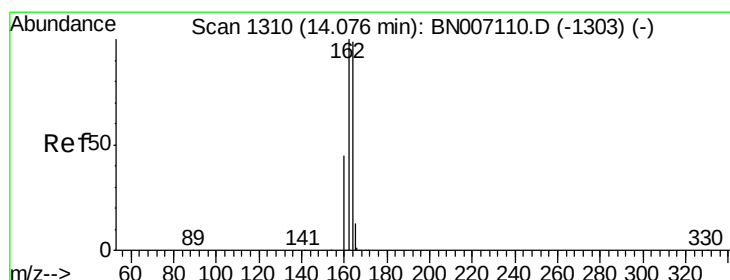
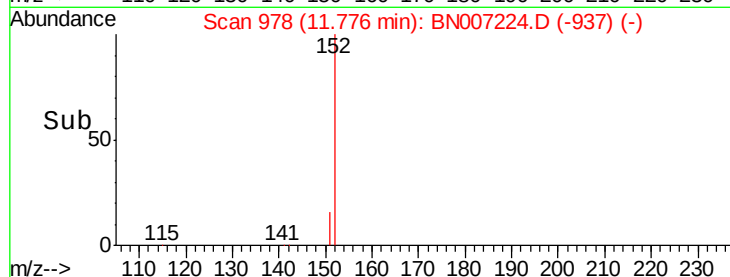
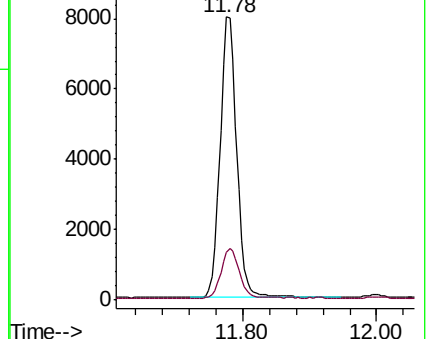
152 100

151 19.0 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.07 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BN007224.D

Acq: 16 Aug 2019 15:48

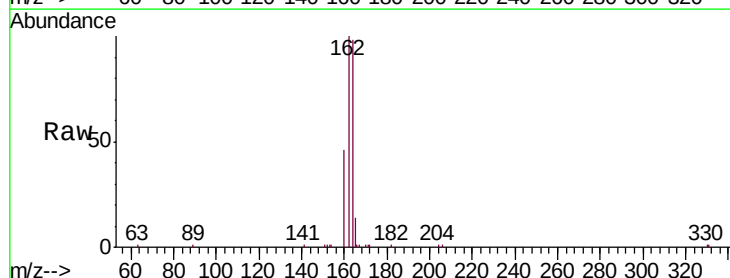
Tgt Ion:164 Resp: 12971

Ion Ratio Lower Upper

164 100

162 101.6 82.2 123.4

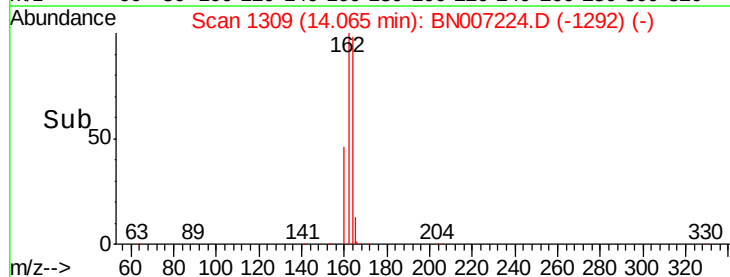
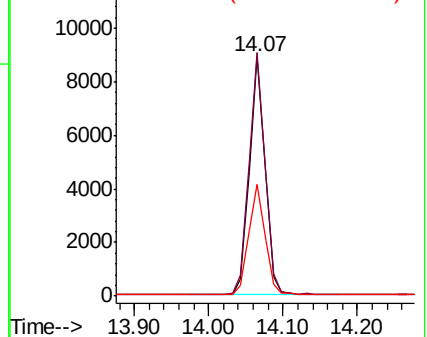
160 46.7 38.3 57.5

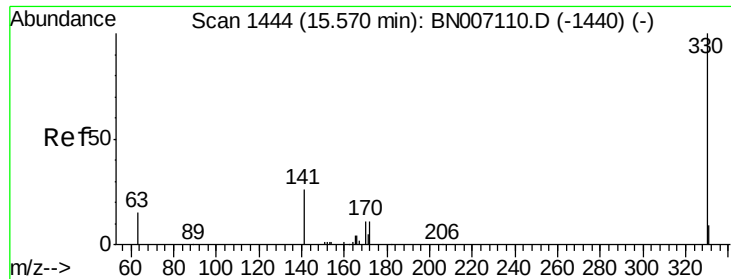


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

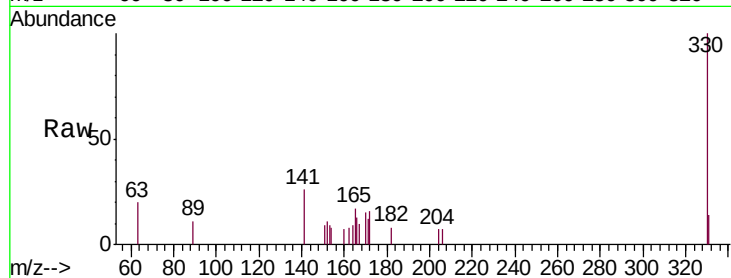




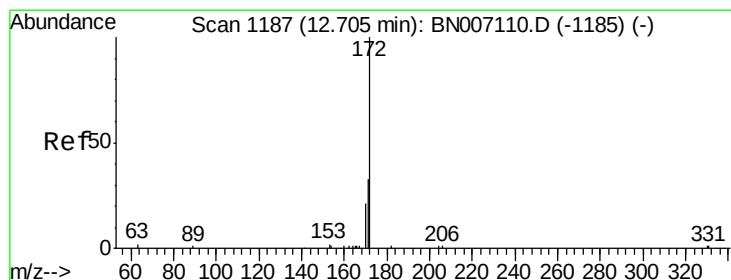
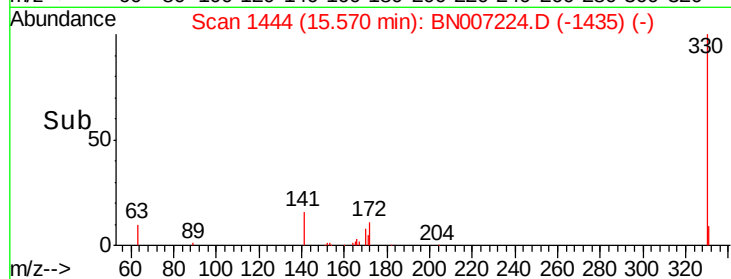
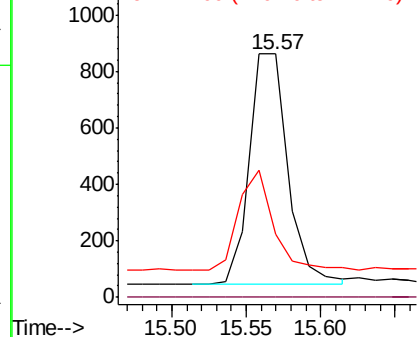
#13
 2,4,6-Tribromophenol
 Concen: 0.209 ng
 RT: 15.57 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BN007224.D
 Acq: 16 Aug 2019 15:48

Instrument :
 BNA_N
 ClientSampleId :
 PB122289BL

Tgt Ion: 330 Resp: 1458
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 38.9 33.6 50.4

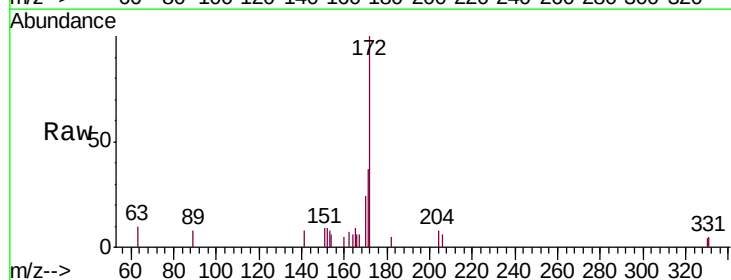


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

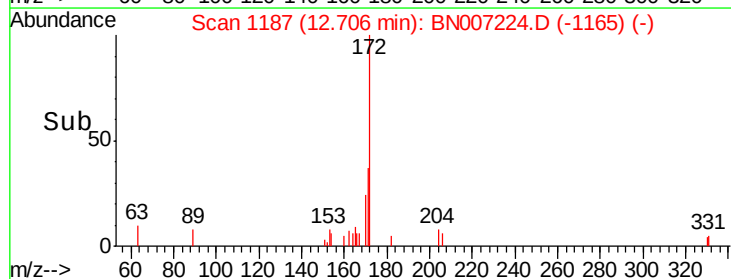
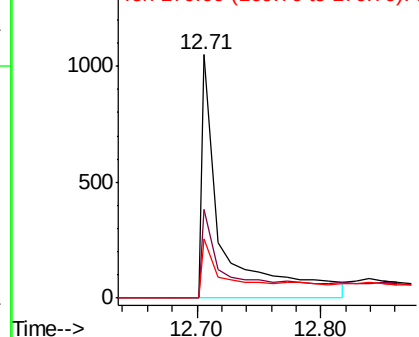


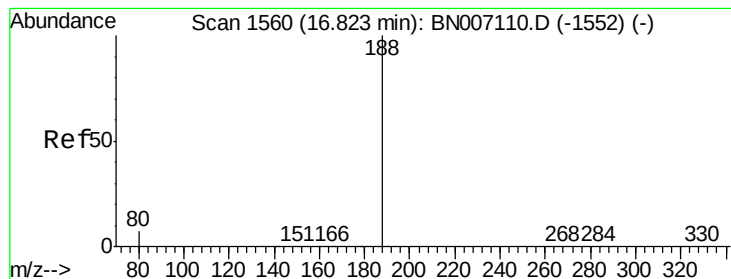
#14
 2-Fluorobiphenyl
 Concen: 0.069 ng
 RT: 12.71 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BN007224.D
 Acq: 16 Aug 2019 15:48

Tgt Ion: 172 Resp: 1297
 Ion Ratio Lower Upper
 172 100
 171 36.5 26.3 39.5
 170 24.4 17.0 25.4



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





#18

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.81 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BN007224.D

Acq: 16 Aug 2019 15:48

Instrument :

BNA_N

ClientSampleId :

PB122289BL

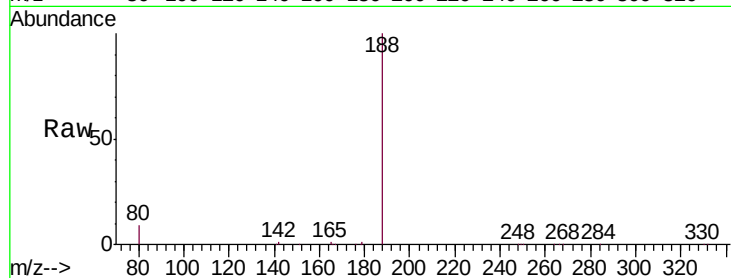
Tgt Ion:188 Resp: 32537

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

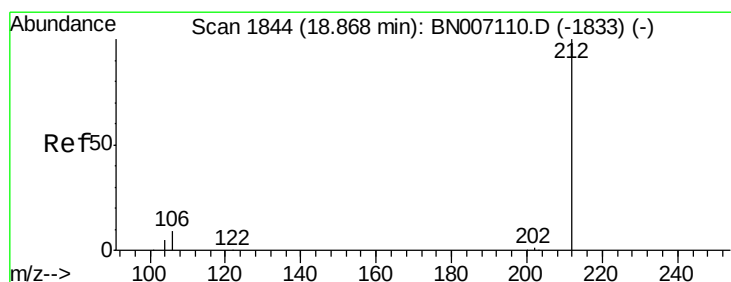
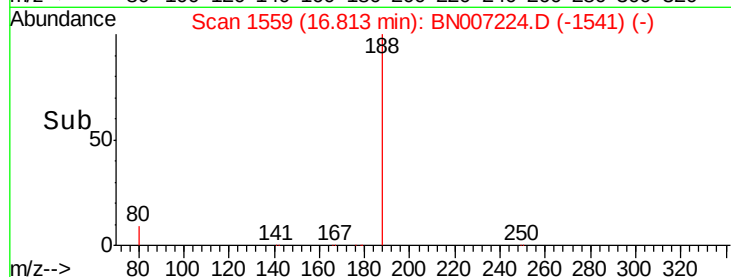
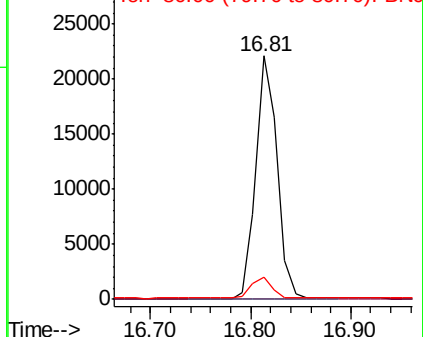
80 9.3 7.8 11.6



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



#24

Fluoranthene-d10

Concen: 0.307 ng

RT: 18.86 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BN007224.D

Acq: 16 Aug 2019 15:48

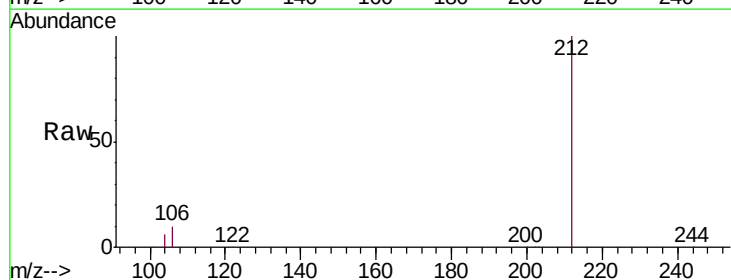
Tgt Ion:212 Resp: 35469

Ion Ratio Lower Upper

212 100

106 10.4 8.2 12.2

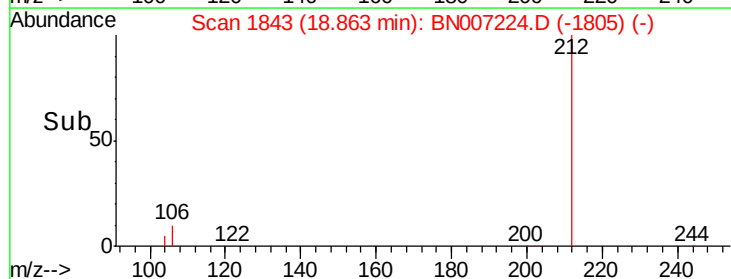
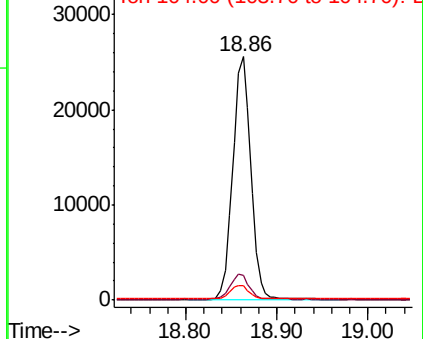
104 5.9 4.5 6.7

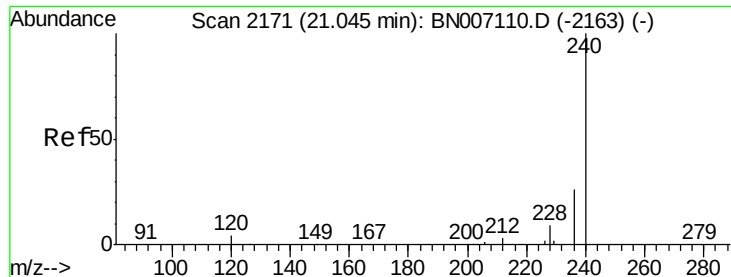


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#26

Chrysene-d12

Concen: 0.400 ng

RT: 21.03 min Scan# 2170

Delta R.T. -0.02 min

Lab File: BN007224.D

Acq: 16 Aug 2019 15:48

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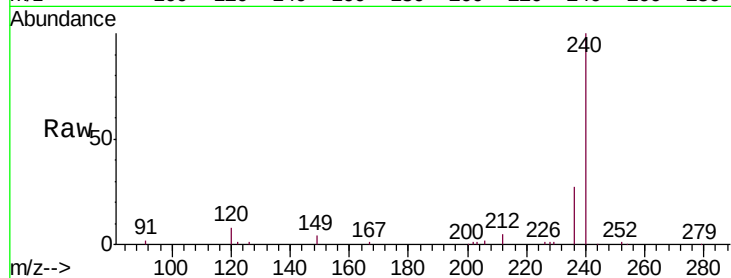
Tgt Ion:240 Resp: 33289

Ion Ratio Lower Upper

240 100

120 8.3 4.0 6.0#

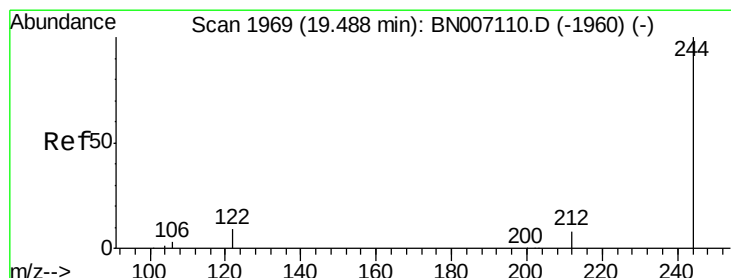
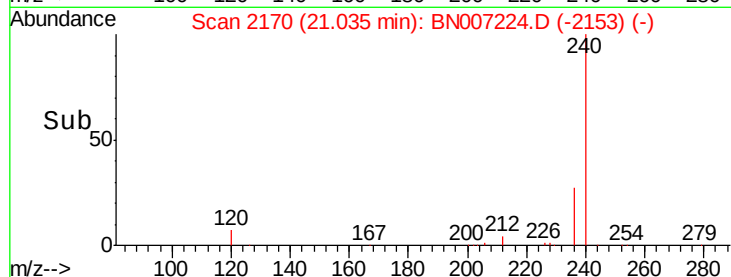
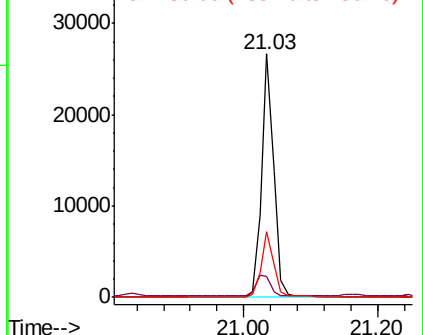
236 27.1 21.3 31.9



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



#28

Terphenyl-d14

Concen: 0.303 ng

RT: 19.48 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BN007224.D

Acq: 16 Aug 2019 15:48

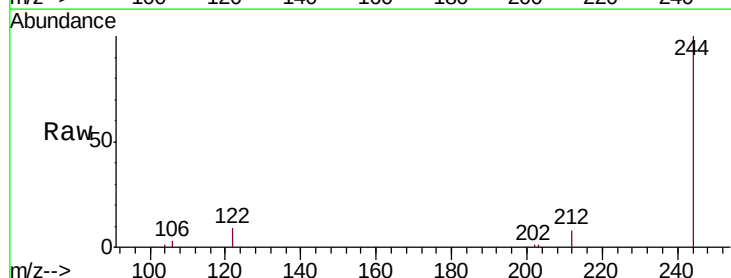
Tgt Ion:244 Resp: 27495

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

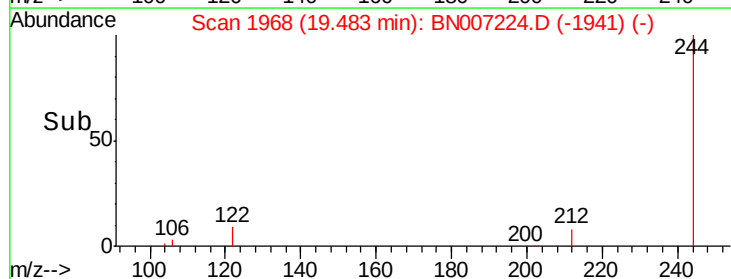
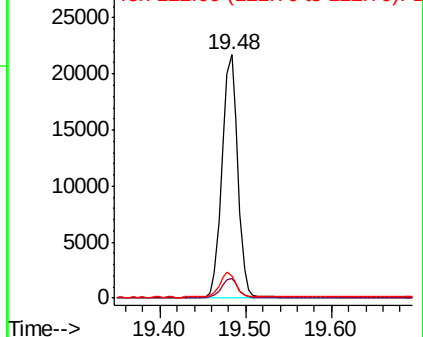
122 9.3 7.4 11.2

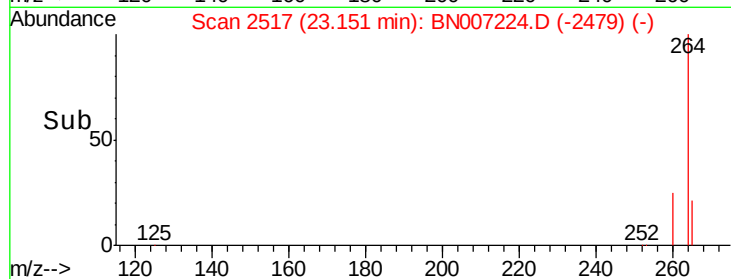
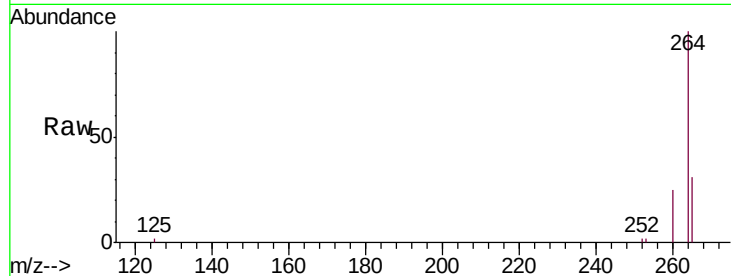
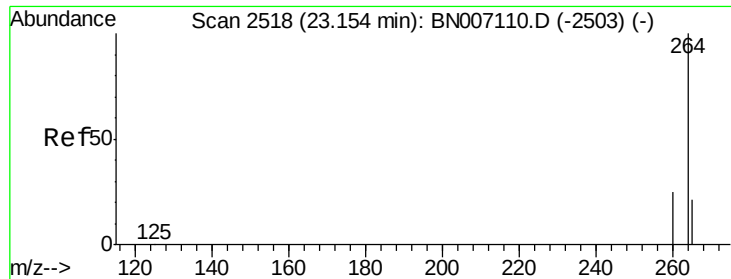


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Perylene-d12

Concen: 0.400 ng

RT: 23.15 min Scan# 2517

Delta R.T. -0.02 min

Lab File: BN007224.D

Acq: 16 Aug 2019 15:48

Instrument :

BNA_N

ClientSampleId :

PB122289BL

Tgt Ion: 264 Resp: 37278

Ion Ratio Lower Upper

264 100

260 24.8 19.8 29.8

265 31.4 26.2 39.4

