

Data File : BN007220.D
Acq On : 16 Aug 2019 13:24
Operator : HP/JU
Sample : PB122017BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB122017BL

Quant Time: Aug 17 00:57:38 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	7125	0.40	ng	-0.02
6) Naphthalene-d8	10.17	136	25859	0.40	ng	-0.01
12) Acenaphthene-d10	14.07	164	14065	0.40	ng	-0.01
18) Phenanthrene-d10	16.81	188	34664	0.40	ng	-0.01
26) Chrysene-d12	21.03	240	35326	0.40	ng	-0.02
32) Perylene-d12	23.15	264	40049	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2-Fluorophenol	5.05	112	6127	0.36	ng	0.00
4) Phenol-d6	6.61	99	7997	0.38	ng	0.00
7) Nitrobenzene-d5	8.55	82	6983	0.33	ng	-0.01
10) 2-Methylnaphthalene-d10	11.78	152	14834	0.31	ng	-0.01
13) 2,4,6-Tribromophenol	15.57	330	1272	0.17	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	1420	0.07	ng	0.00
24) Fluoranthene-d10	18.86	212	39687	0.32	ng	-0.01
28) Terphenyl-d14	19.48	244	31869	0.33	ng	-0.02

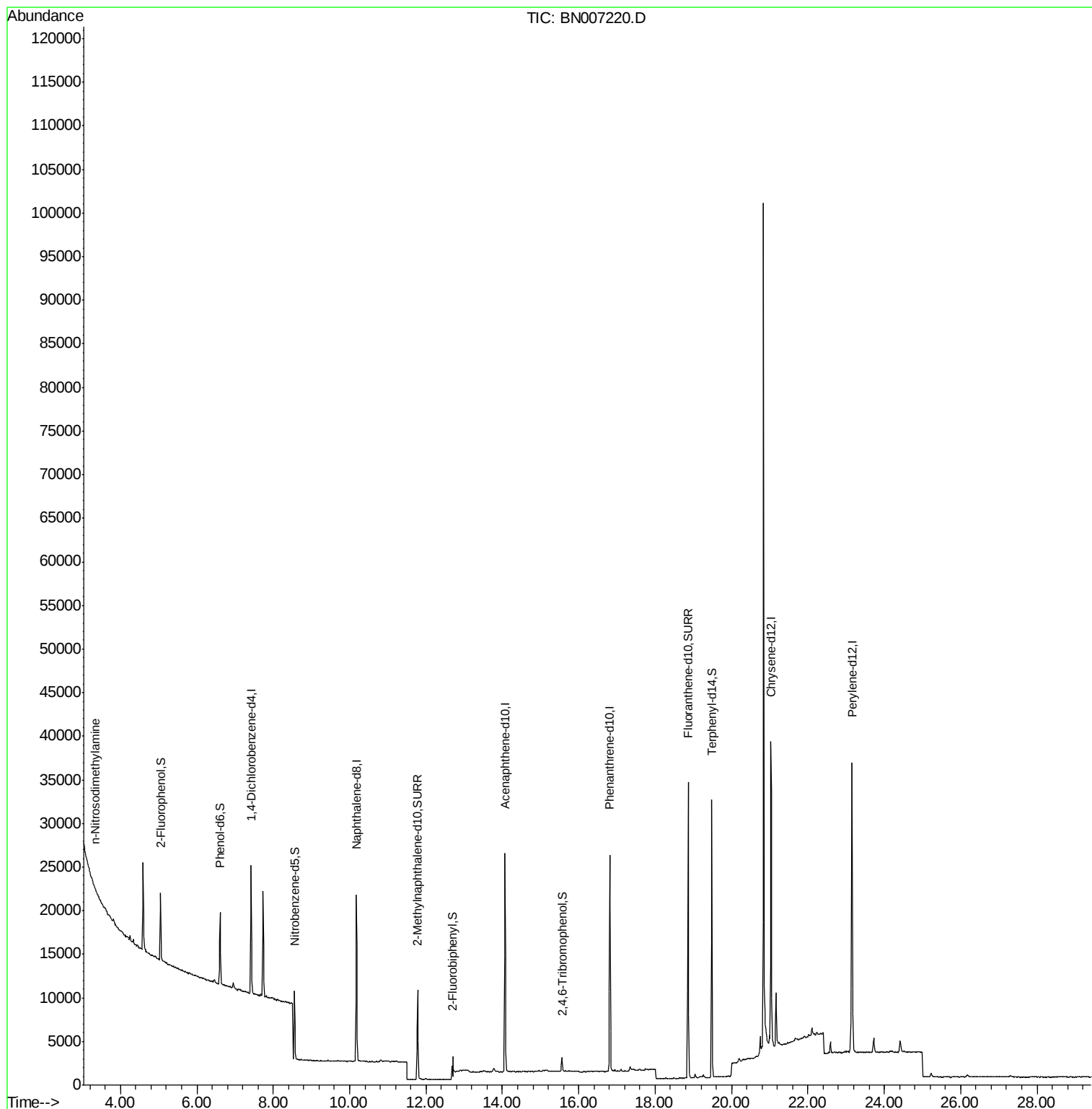
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) n-Nitrosodimethylamine	3.35	42	183	0.039	ng	# 1

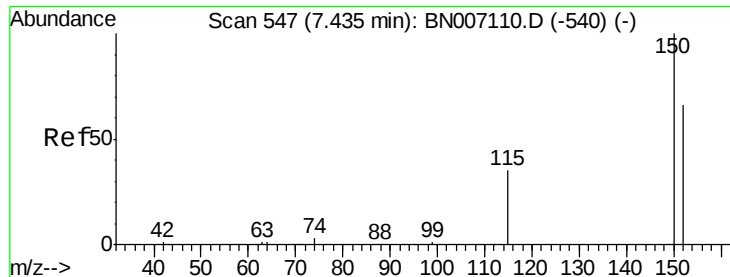
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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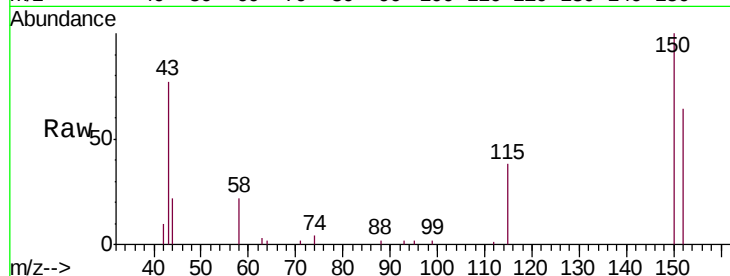


#1

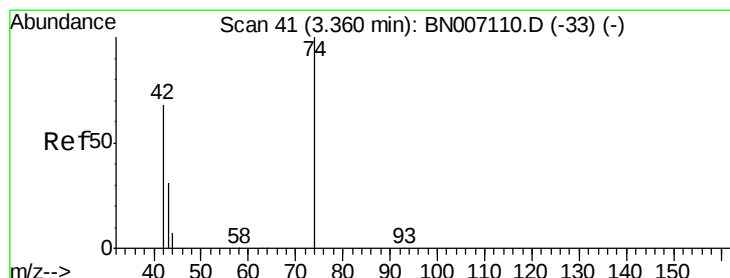
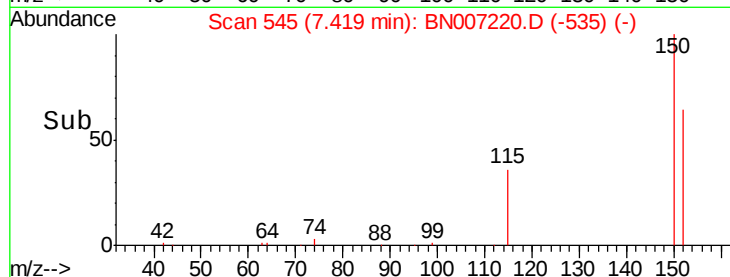
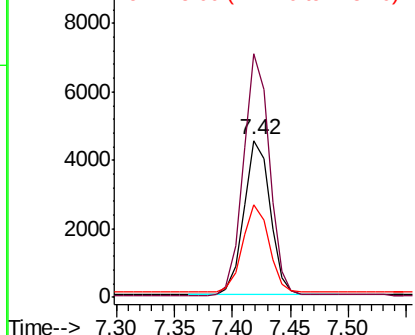
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.42 min Scan# 545
Delta R.T. -0.02 min
Lab File: BN007220.D
Acq: 16 Aug 2019 13:24

Instrument :
BNA_N
ClientSampleId :
PB122017BL

Tgt Ion: 152 Resp: 7125
Ion Ratio Lower Upper
152 100
150 155.4 121.7 182.5
115 59.1 46.2 69.4



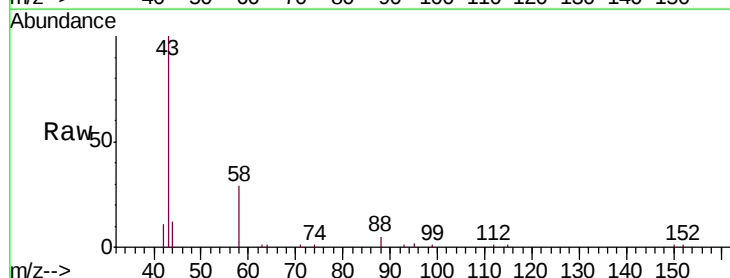
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



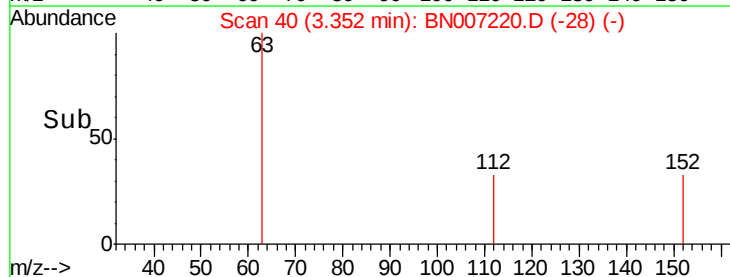
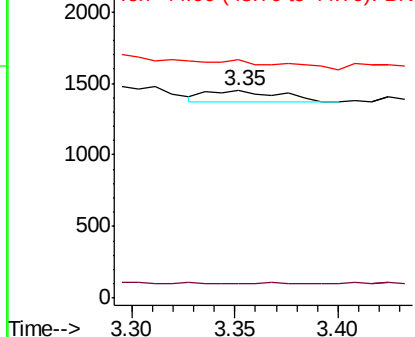
#2

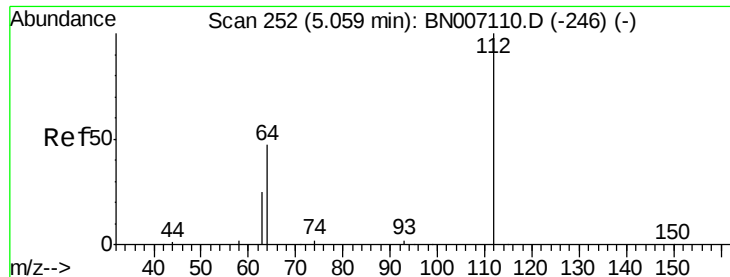
n-Nitrosodimethylamine
Concen: 0.039 ng
RT: 3.35 min Scan# 40
Delta R.T. -0.01 min
Lab File: BN007220.D
Acq: 16 Aug 2019 13:24

Tgt Ion: 42 Resp: 183
Ion Ratio Lower Upper
42 100
74 5.5 110.6 166.0#
44 0.0 0.0 0.0



Abundance Ion 42.00 (41.70 to 42.70): BNC
Ion 74.00 (73.70 to 74.70): BNC
Ion 44.00 (43.70 to 44.70): BNC





#3

2-Fluorophenol

Concen: 0.358 ng

RT: 5.05 min Scan# 251

Delta R.T. -0.01 min

Lab File: BN007220.D

Acq: 16 Aug 2019 13:24

Instrument :

BNA_N

ClientSampleId :

PB122017BL

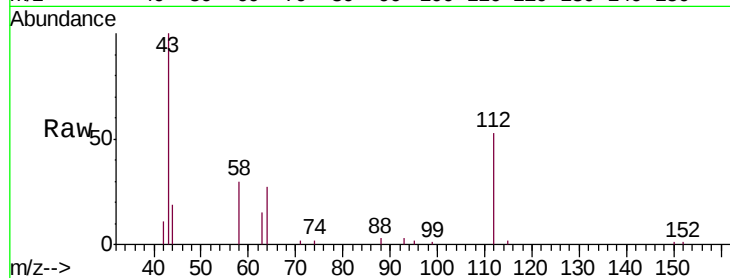
Tgt Ion: 112 Resp: 6127

Ion Ratio Lower Upper

112 100

64 52.2 42.6 63.8

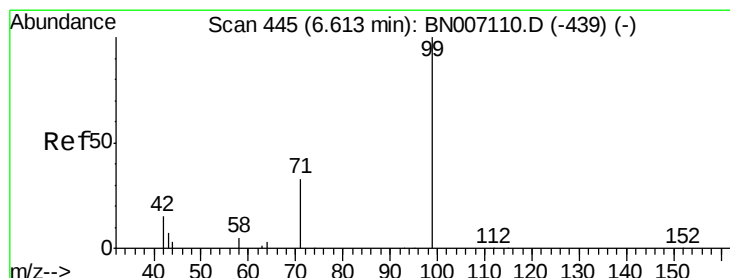
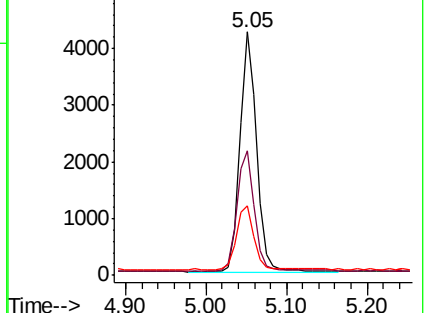
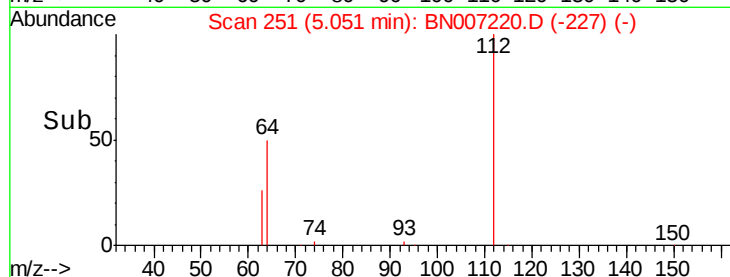
63 28.1 22.2 33.2



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: 0.377 ng

RT: 6.61 min Scan# 444

Delta R.T. -0.01 min

Lab File: BN007220.D

Acq: 16 Aug 2019 13:24

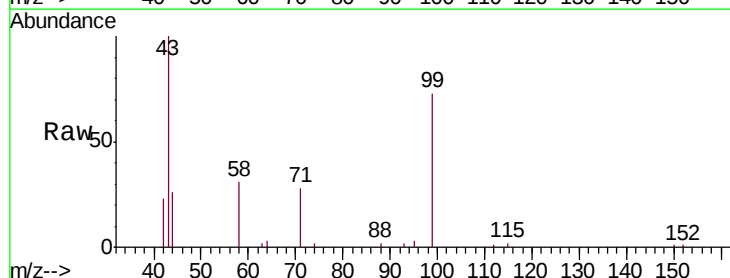
Tgt Ion: 99 Resp: 7997

Ion Ratio Lower Upper

99 100

42 17.8 15.8 23.6

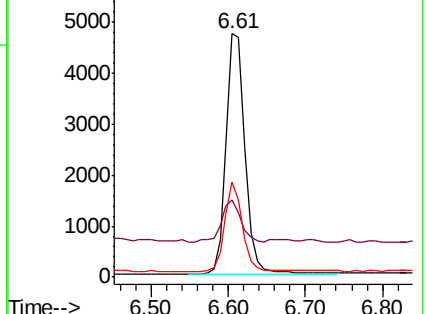
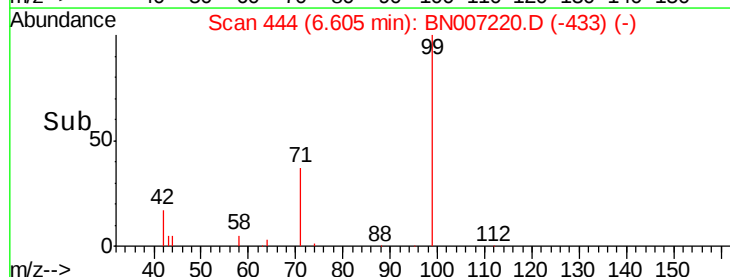
71 34.8 27.0 40.4

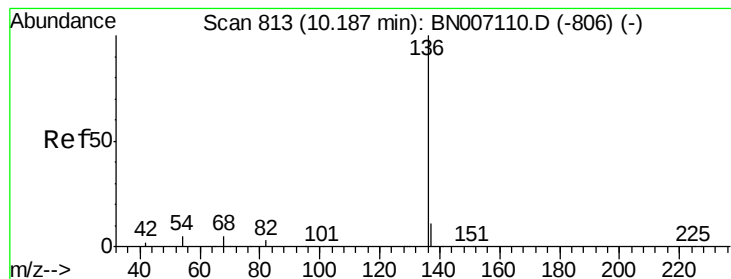


Abundance Ion 99.00 (98.70 to 99.70): BNC

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: BN007220.D

Acq: 16 Aug 2019 13:24

Instrument :

BNA_N

ClientSampleId :

PB122017BL

Tgt Ion:136 Resp: 25859

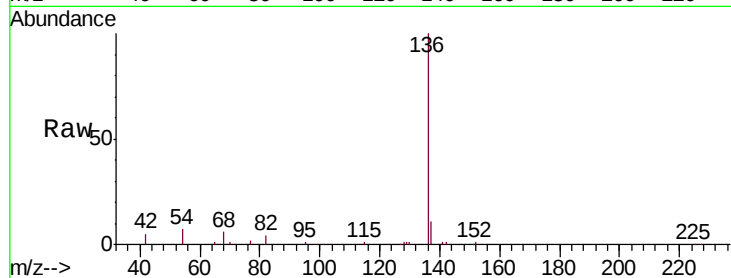
Ion Ratio Lower Upper

136 100

137 11.3 9.4 14.0

54 6.9 6.6 9.8

68 6.2 6.0 9.0

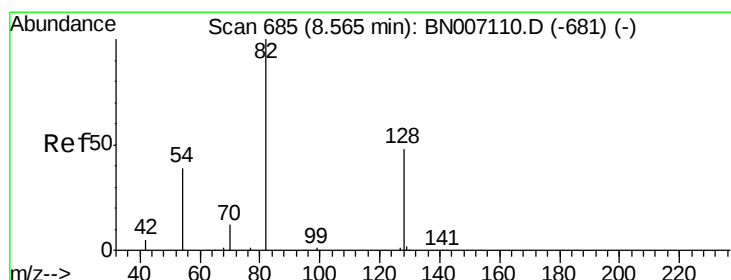
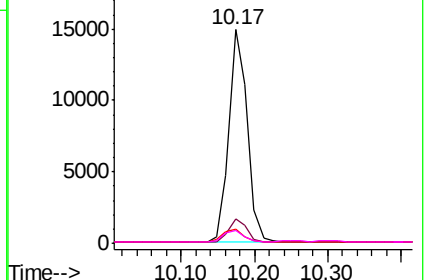
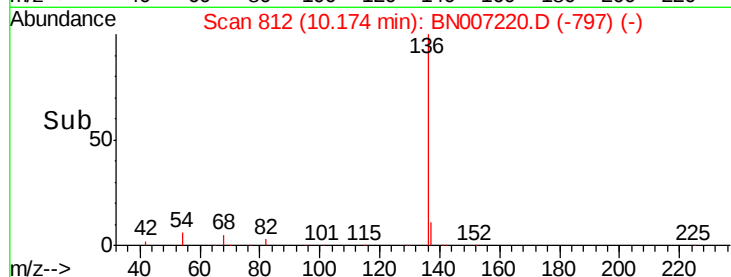


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.335 ng

RT: 8.55 min Scan# 684

Delta R.T. -0.01 min

Lab File: BN007220.D

Acq: 16 Aug 2019 13:24

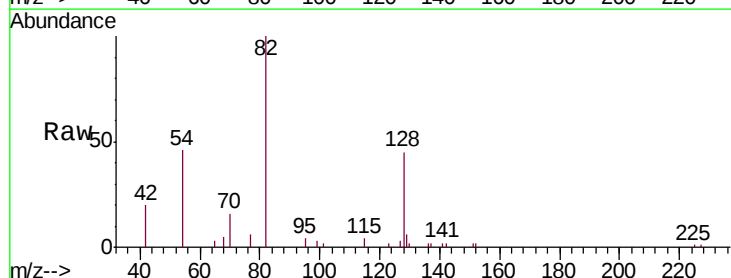
Tgt Ion: 82 Resp: 6983

Ion Ratio Lower Upper

82 100

128 44.5 34.6 51.8

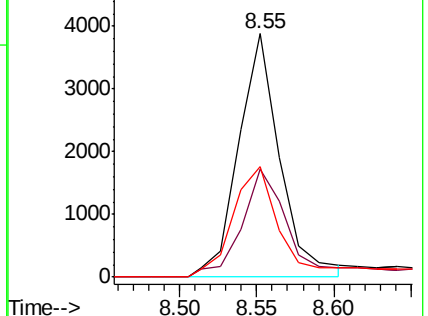
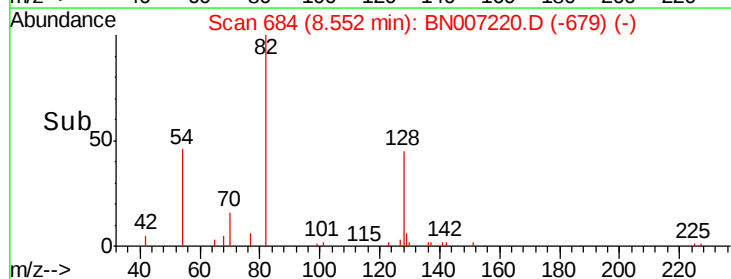
54 45.5 36.2 54.4

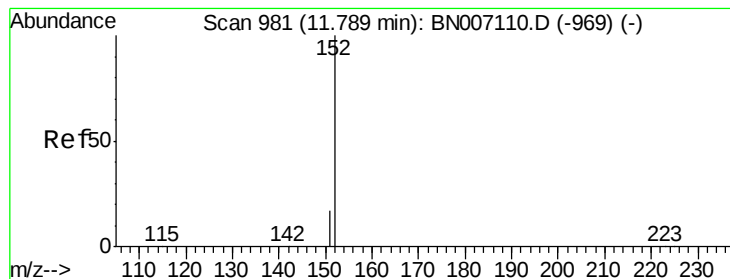


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#10

2-Methylnaphthalene-d10

Concen: 0.308 ng

RT: 11.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BN007220.D

Acq: 16 Aug 2019 13:24

Instrument :

BNA_N

ClientSampleId :

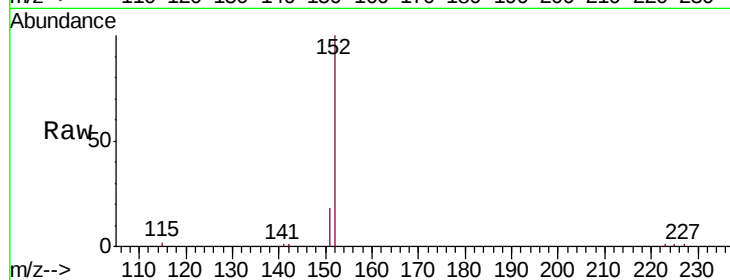
PB122017BL

Tgt Ion:152 Resp: 14834

Ion Ratio Lower Upper

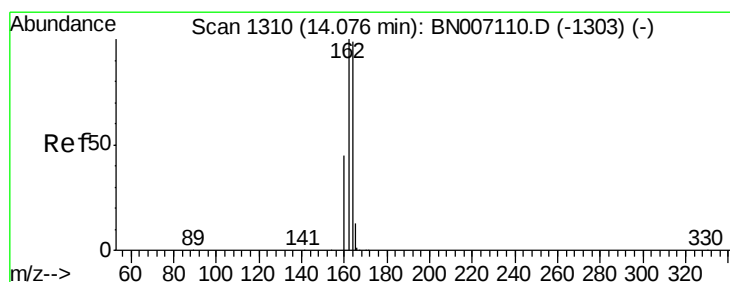
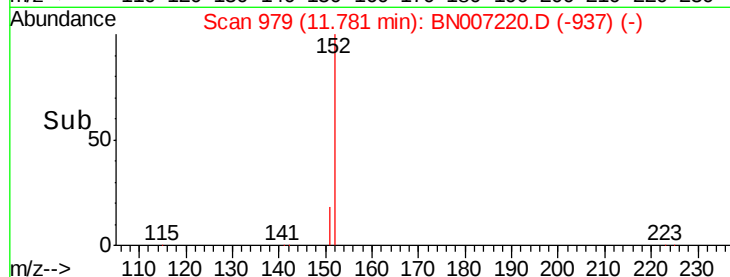
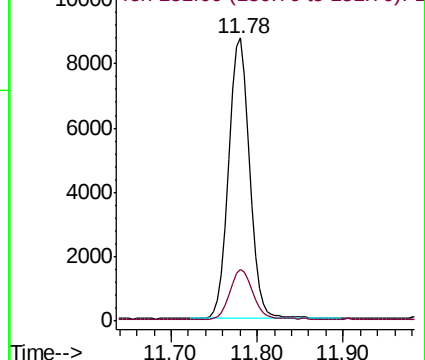
152 100

151 19.2 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: BN007220.D

Acq: 16 Aug 2019 13:24

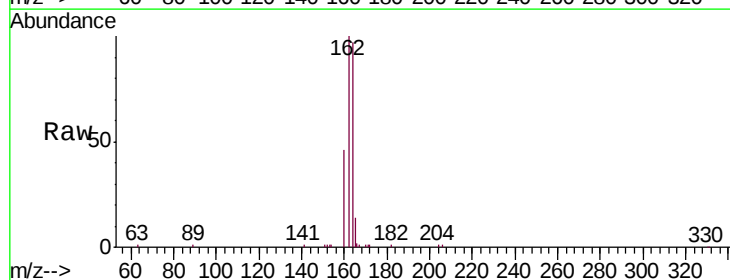
Tgt Ion:164 Resp: 14065

Ion Ratio Lower Upper

164 100

162 102.7 82.2 123.4

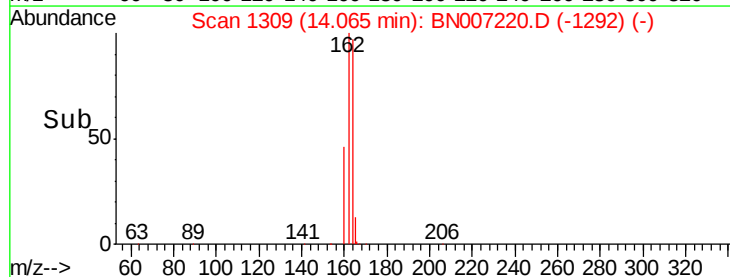
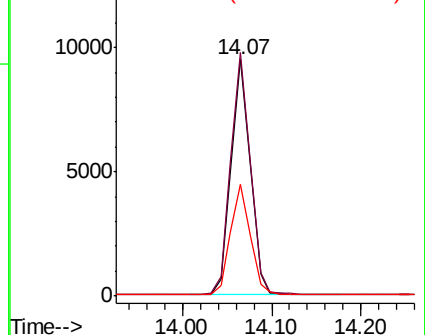
160 47.2 38.3 57.5

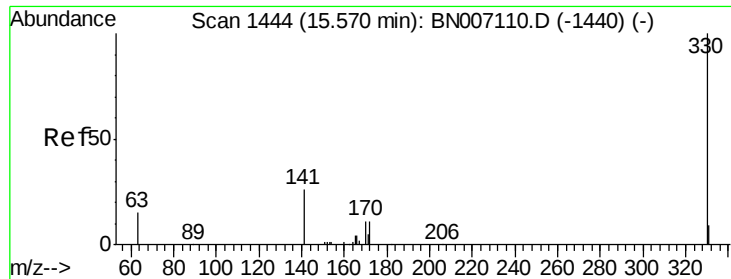


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

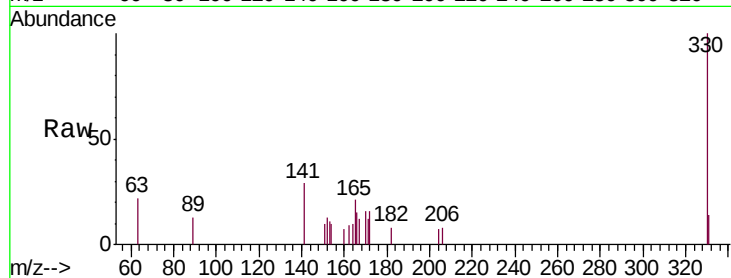




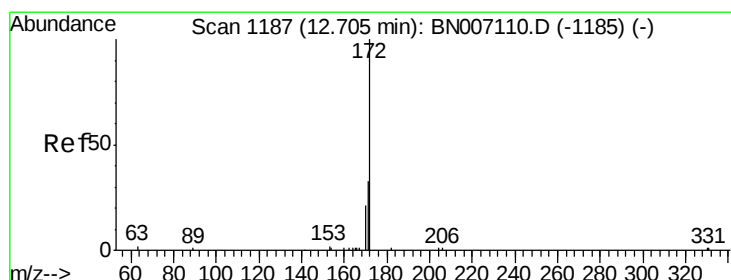
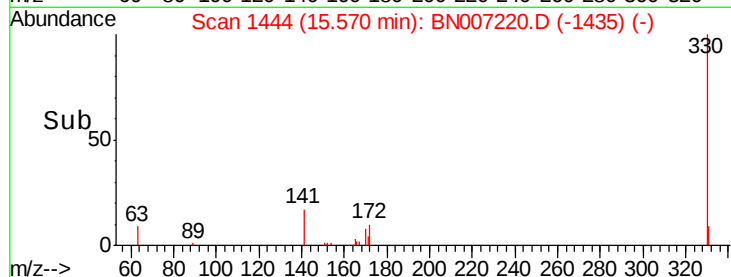
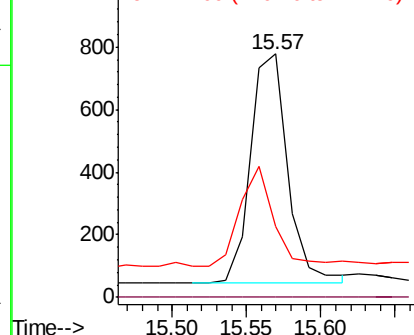
#13
 2,4,6-Tribromophenol
 Concen: 0.168 ng
 RT: 15.57 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BN007220.D
 Acq: 16 Aug 2019 13:24

Instrument :
 BNA_N
 ClientSampleId :
 PB122017BL

Tgt Ion:330 Resp: 1272
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 40.7 33.6 50.4

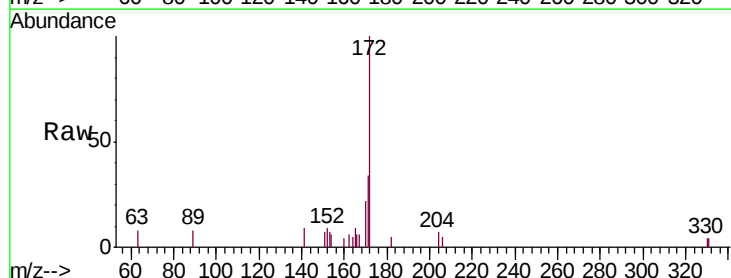


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

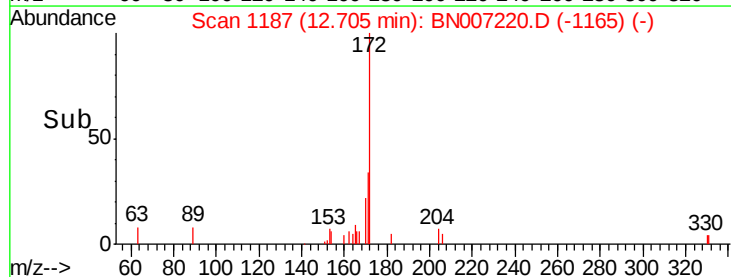
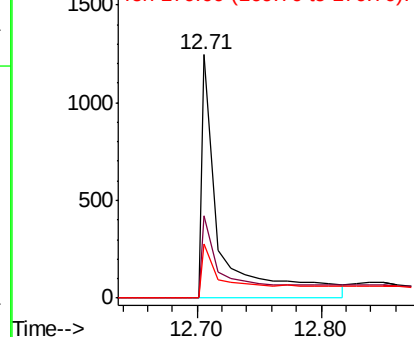


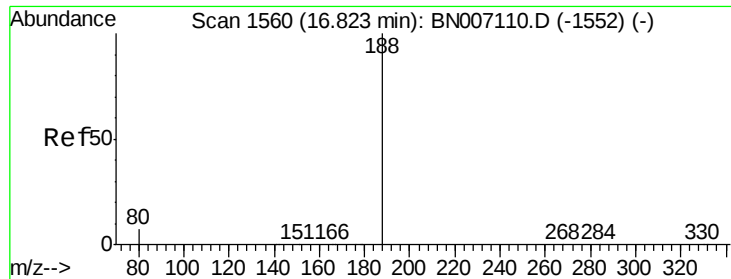
#14
 2-Fluorobiphenyl
 Concen: 0.069 ng
 RT: 12.71 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BN007220.D
 Acq: 16 Aug 2019 13:24

Tgt Ion:172 Resp: 1420
 Ion Ratio Lower Upper
 172 100
 171 33.9 26.3 39.5
 170 22.2 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: BN007220.D

Acq: 16 Aug 2019 13:24

Instrument :

BNA_N

ClientSampleId :

PB122017BL

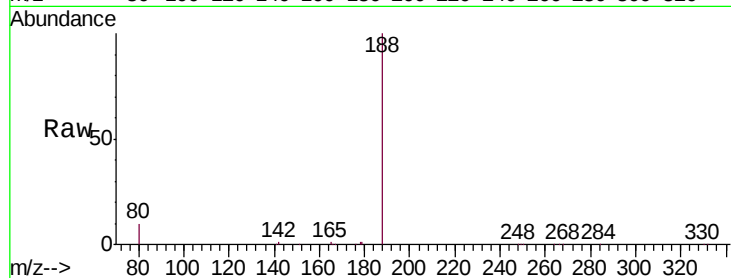
Tgt Ion:188 Resp: 34664

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

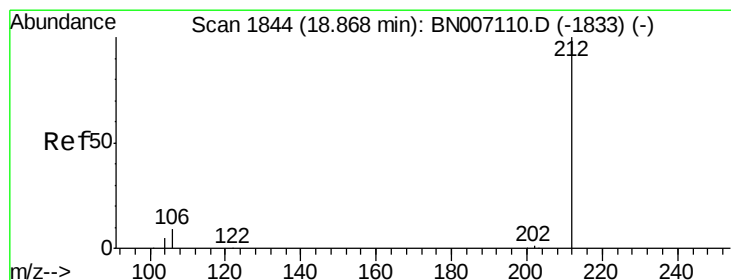
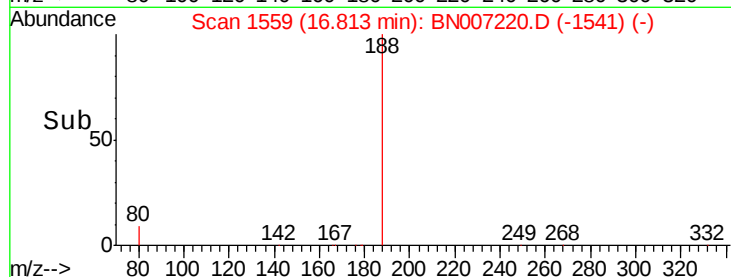
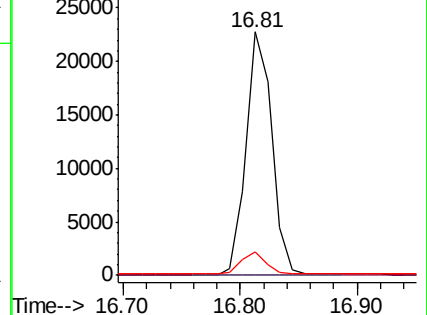
80 9.5 7.8 11.6



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



#24

Fluoranthene-d10

Concen: 0.323 ng

RT: 18.86 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BN007220.D

Acq: 16 Aug 2019 13:24

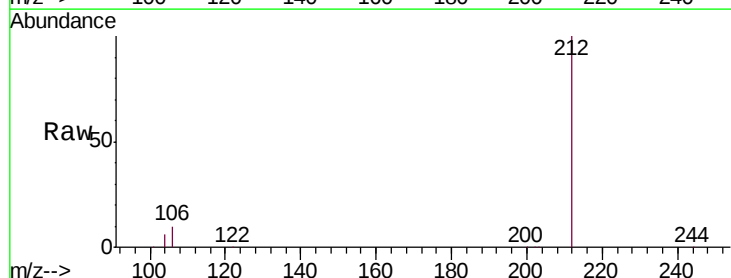
Tgt Ion:212 Resp: 39687

Ion Ratio Lower Upper

212 100

106 10.3 8.2 12.2

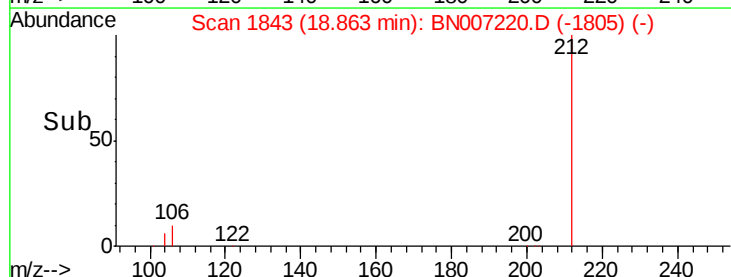
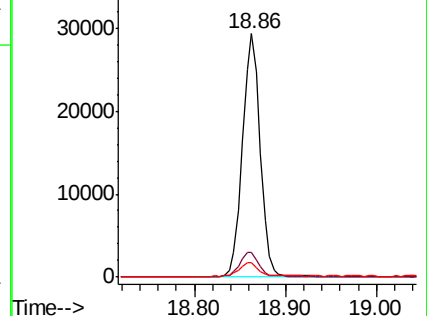
104 5.7 4.5 6.7

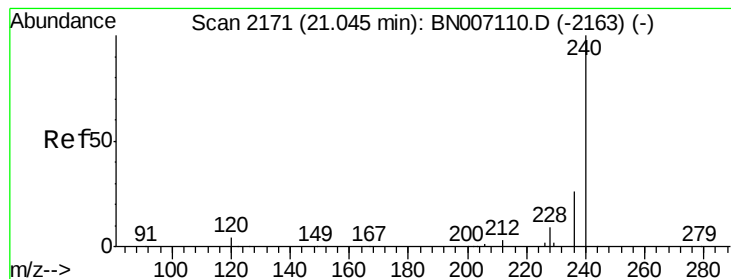


Abundance Ion 212.00 (211.70 to 212.70): E

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: BN007220.D

Acq: 16 Aug 2019 13:24

Instrument :

BNA_N

ClientSampleId :

PB122017BL

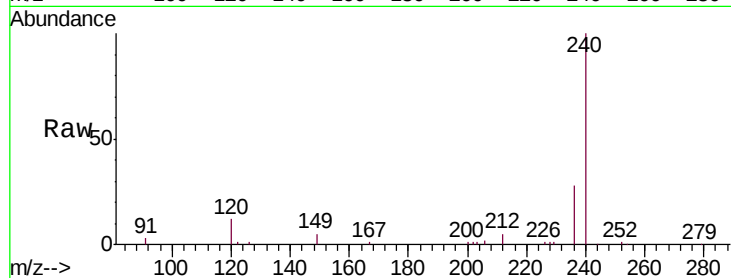
Tgt Ion:240 Resp: 35326

Ion Ratio Lower Upper

240 100

120 11.6 4.0 6.0#

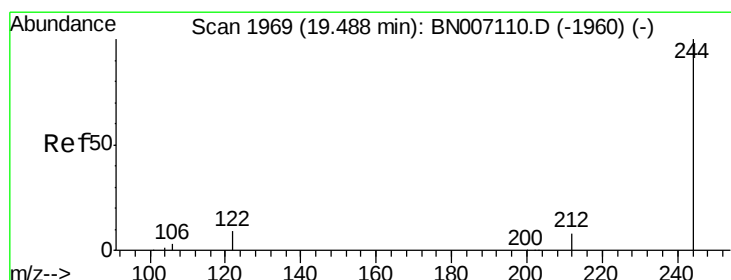
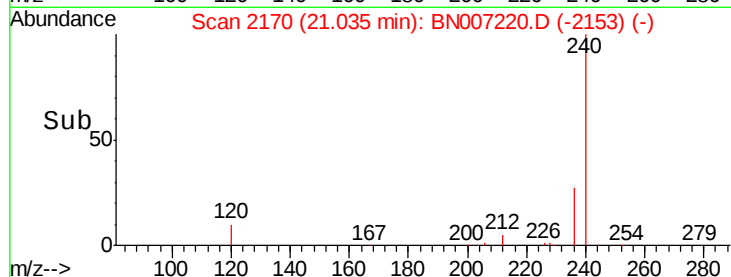
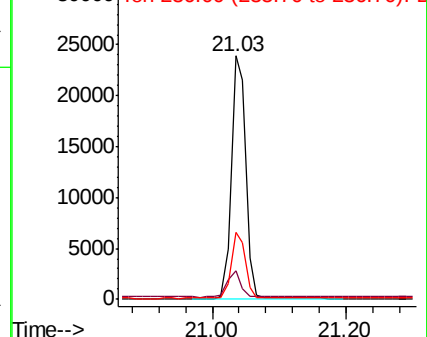
236 27.6 21.3 31.9



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: 0.331 ng

RT: 19.48 min Scan# 1968

Delta R.T. -0.02 min

Lab File: BN007220.D

Acq: 16 Aug 2019 13:24

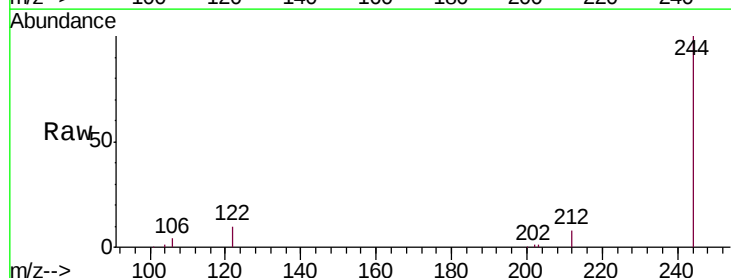
Tgt Ion:244 Resp: 31869

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

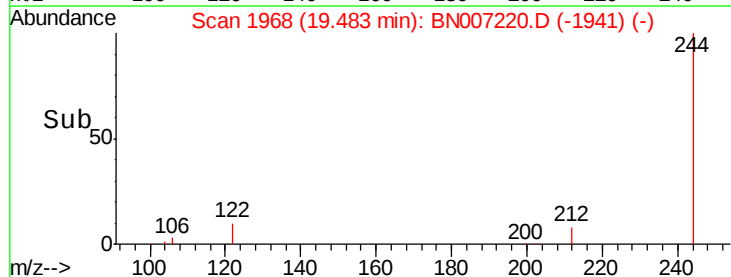
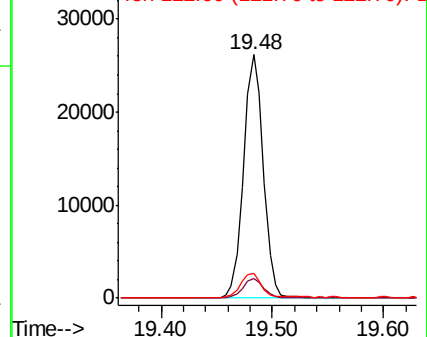
122 9.9 7.4 11.2

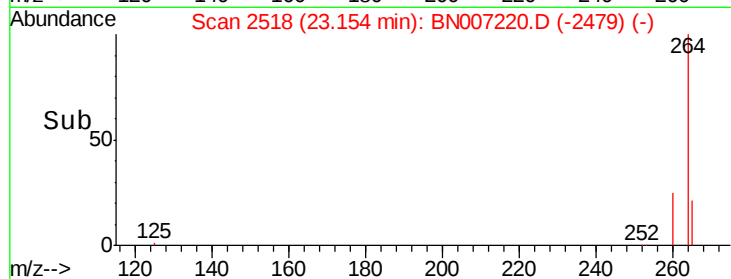
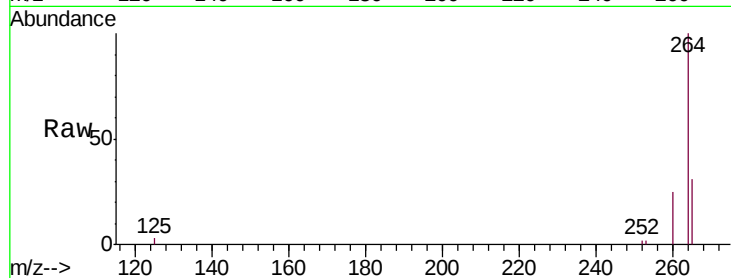
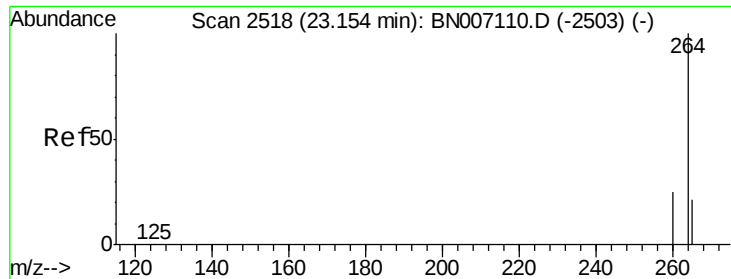


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2518

Delta R.T. -0.02 min

Lab File: BN007220.D

Acq: 16 Aug 2019 13:24

Instrument :

BNA_N

ClientSampleId :

PB122017BL

Tgt Ion: 264 Resp: 40049

Ion Ratio Lower Upper

264 100

260 25.0 19.8 29.8

265 30.8 26.2 39.4

