

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072320\
 Data File : BN011225.D
 Acq On : 22 Jul 2020 19:37
 Operator : CG/JU
 Sample : PB130401BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB130401BL

Quant Time: Jul 23 03:56:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 22 19:29:31 2020
 Response via : Initial Calibration

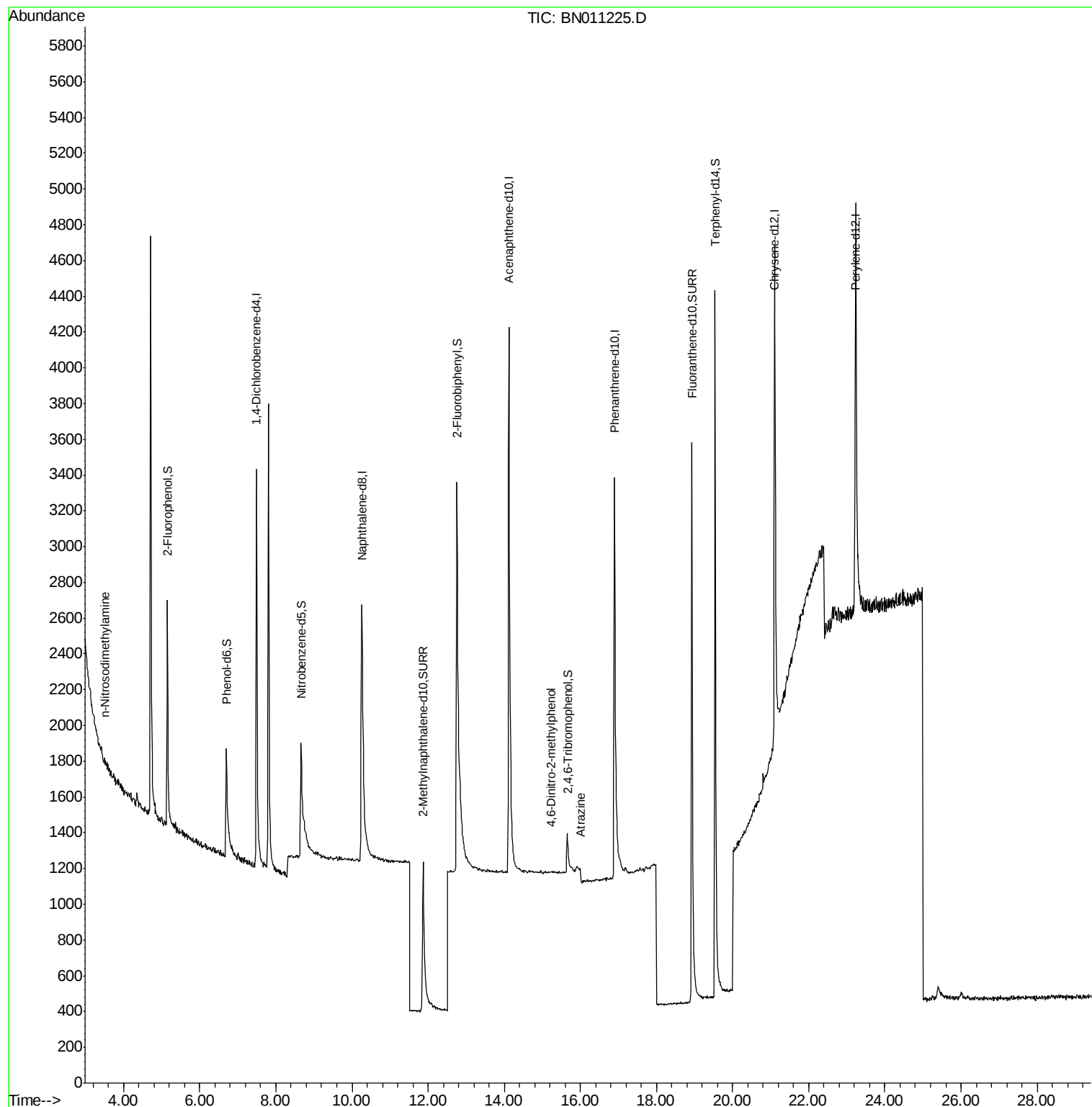
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	1436	0.40	ng	0.00
7) Naphthalene-d8	10.26	136	4702	0.40	ng	0.03
13) Acenaphthene-d10	14.13	164	2968	0.40	ng	0.01
19) Phenanthrene-d10	16.90	188	6452	0.40	ng	0.02
29) Chrysene-d12	21.10	240	4617	0.40	ng	0.00
36) Perylene-d12	23.23	264	4354	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.15	112	1354	0.38	ng	0.00
5) Phenol-d6	6.70	99	1296	0.32	ng	0.00
8) Nitrobenzene-d5	8.67	82	1493	0.36	ng	0.04
11) 2-Methylnaphthalene-d10	11.87	152	2556	0.34	ng	0.03
14) 2,4,6-Tribromophenol	15.66	330	356	0.27	ng	0.04
15) 2-Fluorobiphenyl	12.76	172	4344	0.31	ng	0.03
27) Fluoranthene-d10	18.93	212	6247	0.31	ng	0.00
31) Terphenyl-d14	19.54	244	6193	0.52	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.51	42	21	0.020	ng	# 1
20) 4,6-Dinitro-2-methylphenol	15.23	198	2	0.135	ng	# 13
23) Atrazine	16.02	200	101	0.033	ng	# 12
35) Indeno(1,2,3-cd)pyrene	25.39	276	41	Below Cal		# 64

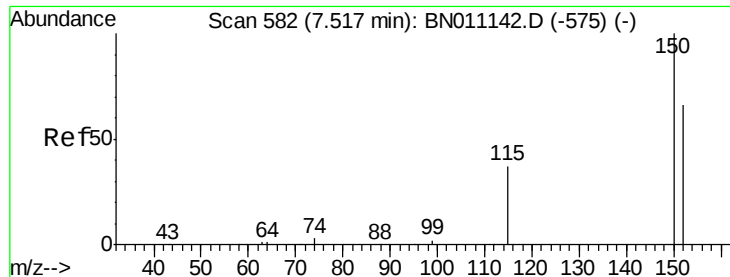
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072320\
Data File : BN011225.D
Acq On : 22 Jul 2020 19:37
Operator : CG/JU
Sample : PB130401BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB130401BL

Quant Time: Jul 23 03:56:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 22 19:29:31 2020
Response via : Initial Calibration



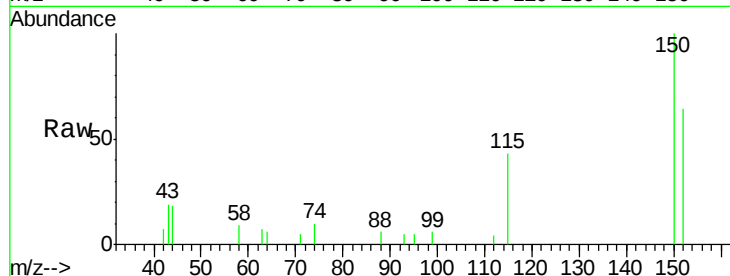


#1

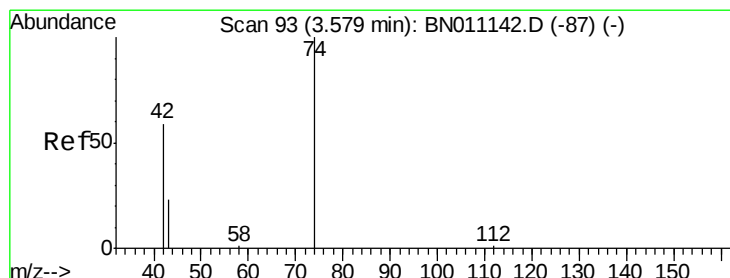
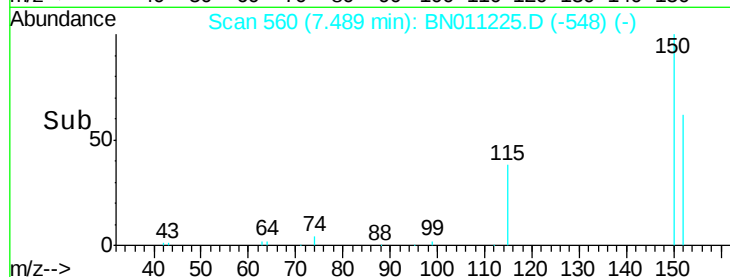
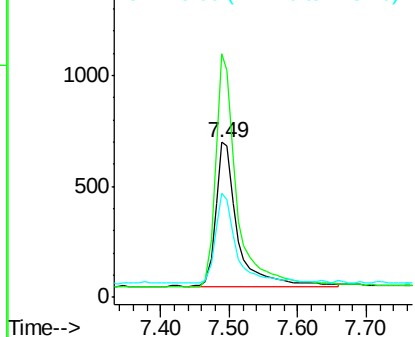
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.49 min Scan# 560
Delta R.T. -0.00 min
Lab File: BN011225.D
Acq: 22 Jul 2020 19:37

Instrument :
BNA_N
ClientSampleId :
PB130401BL

Tot Ion:152 Resp: 1436
Ion Ratio Lower Upper
152 100
150 157.1 119.4 179.0
115 67.0 48.3 72.5



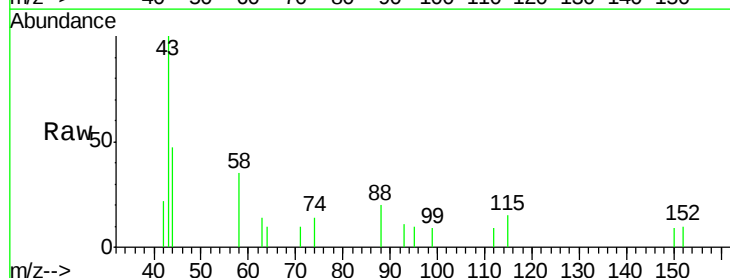
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



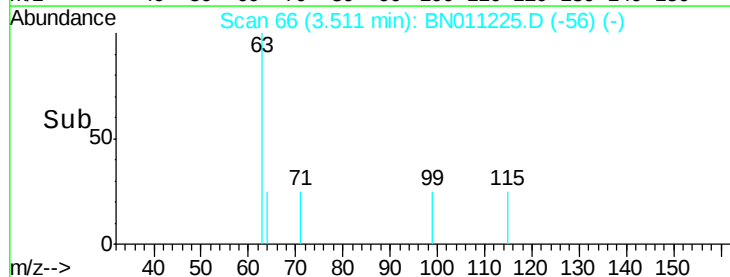
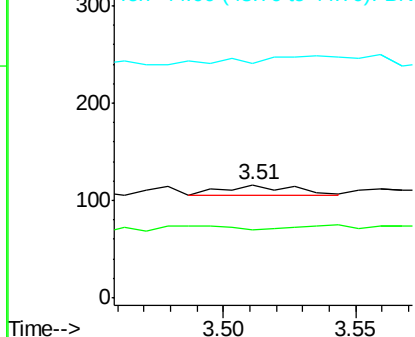
#3

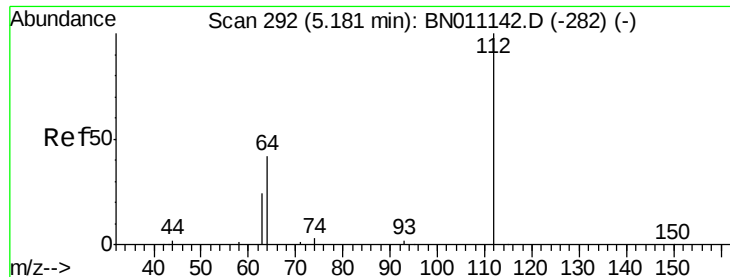
n-Nitrosodimethylamine
Concen: 0.020 ng
RT: 3.51 min Scan# 66
Delta R.T. -0.02 min
Lab File: BN011225.D
Acq: 22 Jul 2020 19:37

Tgt Ion: 42 Resp: 21
Ion Ratio Lower Upper
42 100
74 0.0 140.9 211.3#
44 0.0 7.6 11.4#



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





#4

2-Fluorophenol

Concen: 0.382 ng

RT: 5.15 min Scan# 270

Delta R.T. 0.01 min

Lab File: BN011225.D

Acq: 22 Jul 2020 19:37

Instrument :

BNA_N

ClientSampleId :

PB130401BL

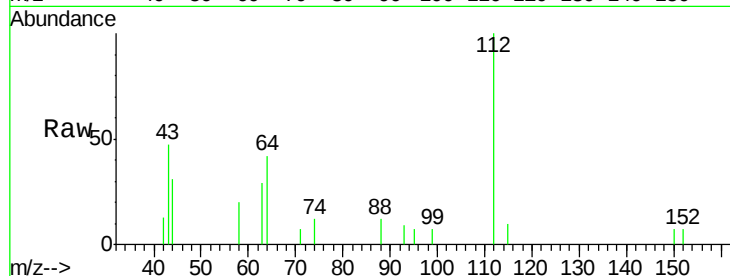
Tot Ion: 112 Resp: 1354

Ion Ratio Lower Upper

112 100

64 46.3 36.7 55.1

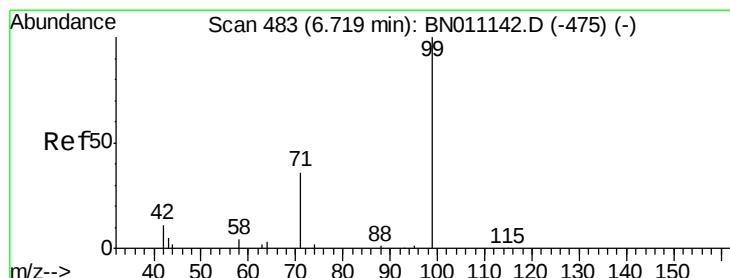
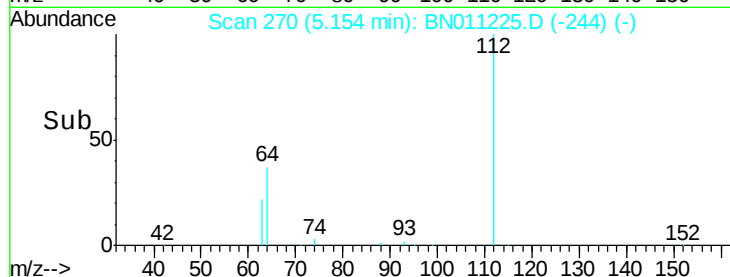
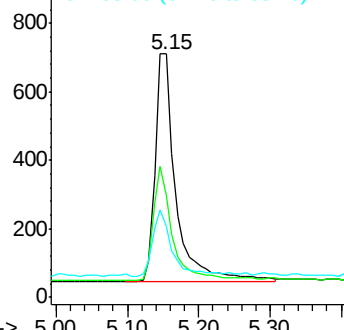
63 28.4 20.4 30.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO



#5

Phenol-d6

Concen: 0.324 ng

RT: 6.70 min Scan# 462

Delta R.T. 0.01 min

Lab File: BN011225.D

Acq: 22 Jul 2020 19:37

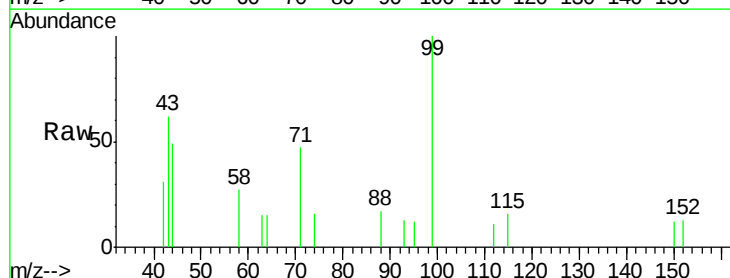
Tgt Ion: 99 Resp: 1296

Ion Ratio Lower Upper

99 100

42 11.2 10.8 16.2

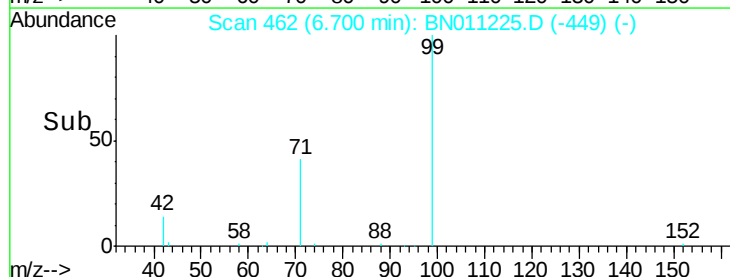
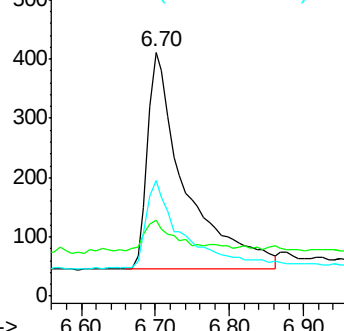
71 39.8 31.3 46.9

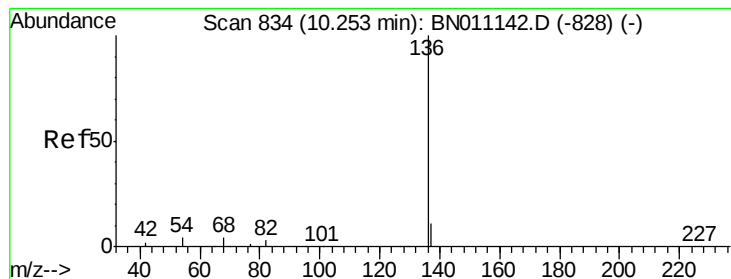


Abundance Ion 99.00 (98.70 to 99.70): BNO

Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.26 min Scan# 816

Delta R.T. 0.03 min

Lab File: BN011225.D

Acq: 22 Jul 2020 19:37

Instrument :

BNA_N

ClientSampleId :

PB130401BL

Tot Ion:136 Resp: 4702

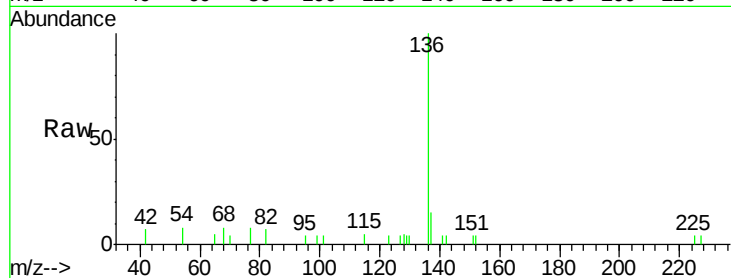
Ion Ratio Lower Upper

136 100

137 14.5 10.3 15.5

54 8.0 4.9 7.3#

68 7.6 4.9 7.3#

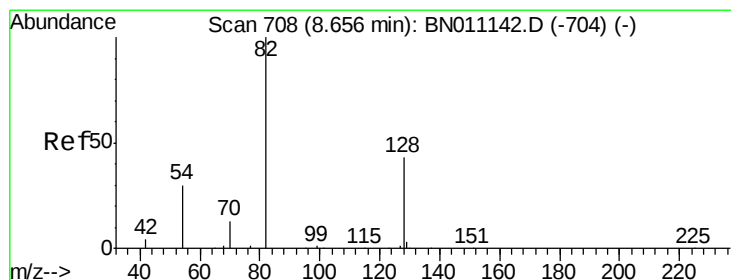
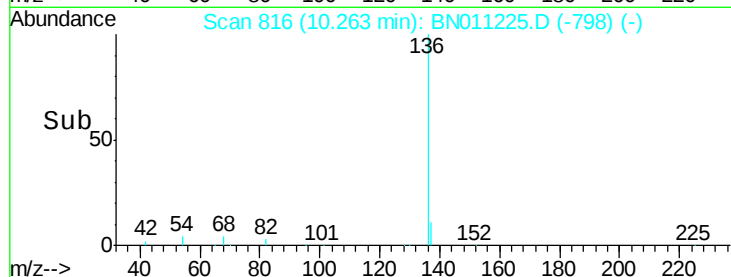
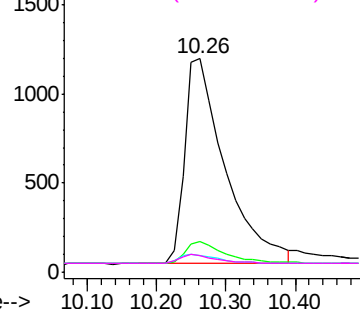


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.358 ng

RT: 8.67 min Scan# 690

Delta R.T. 0.04 min

Lab File: BN011225.D

Acq: 22 Jul 2020 19:37

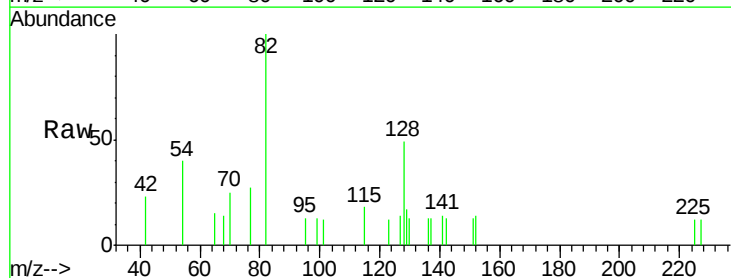
Tgt Ion: 82 Resp: 1493

Ion Ratio Lower Upper

82 100

128 48.8 38.1 57.1

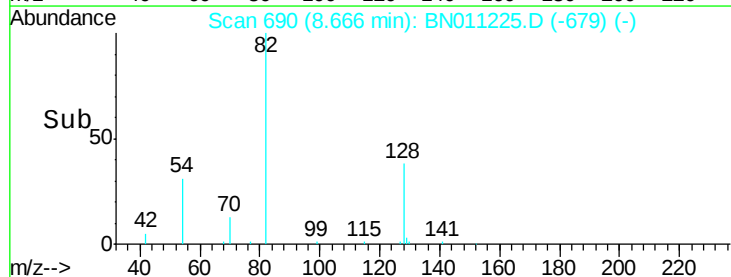
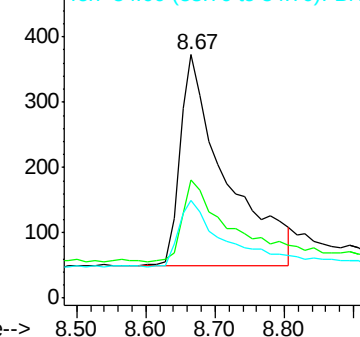
54 40.2 27.1 40.7

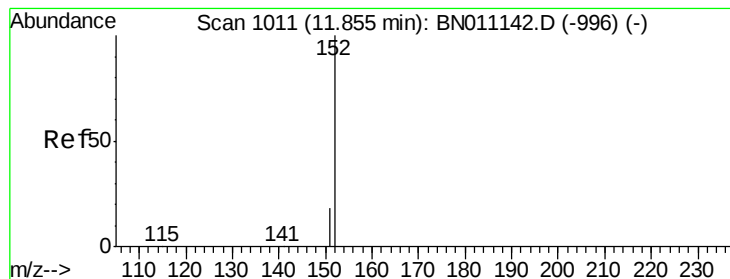


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

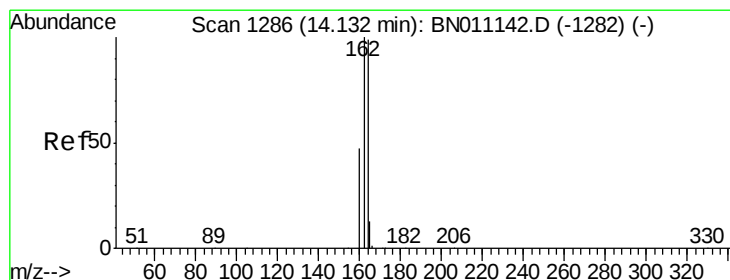
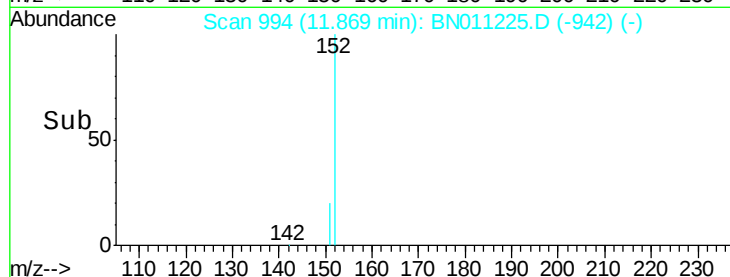
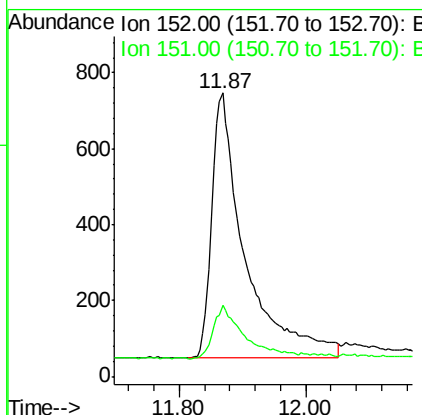
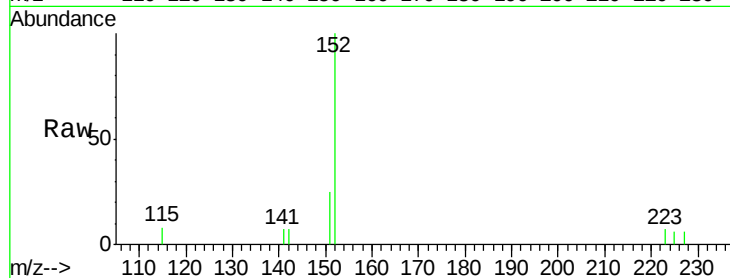




#11
2-Methylnaphthalene-d10
Concen: 0.335 ng
RT: 11.87 min Scan# 994
Delta R.T. 0.03 min
Lab File: BN011225.D
Acq: 22 Jul 2020 19:37

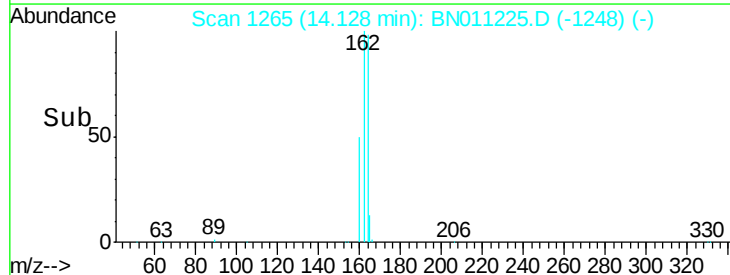
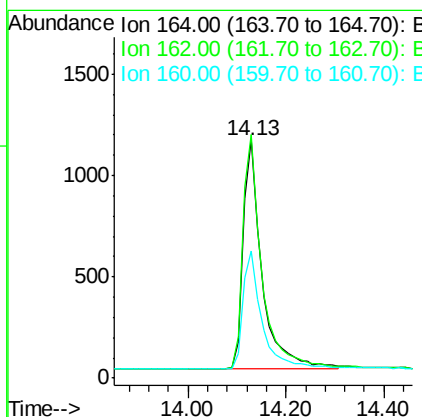
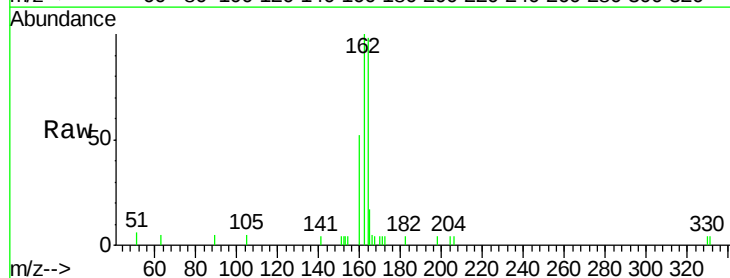
Instrument :
BNA_N
ClientSampleId :
PB130401BL

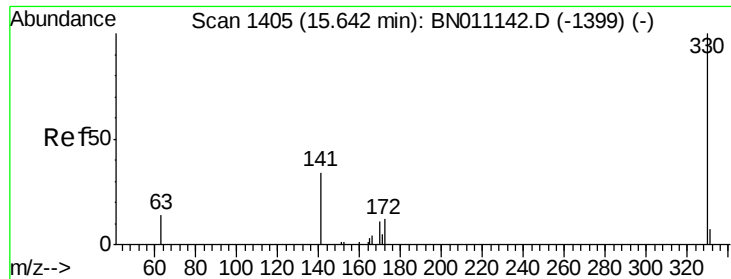
Tot Ion:152 Resp: 2556
Ion Ratio Lower Upper
152 100
151 18.7 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.13 min Scan# 1265
Delta R.T. 0.01 min
Lab File: BN011225.D
Acq: 22 Jul 2020 19:37

Tgt Ion:164 Resp: 2968
Ion Ratio Lower Upper
164 100
162 102.3 81.0 121.4
160 53.2 39.0 58.6

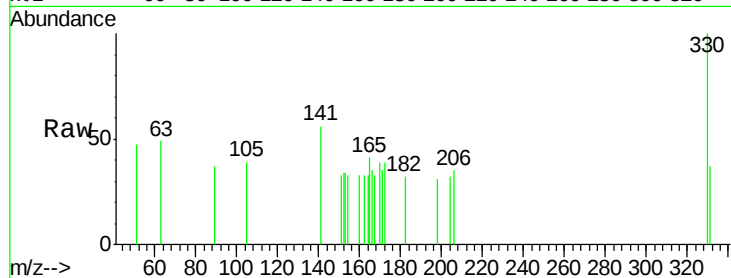




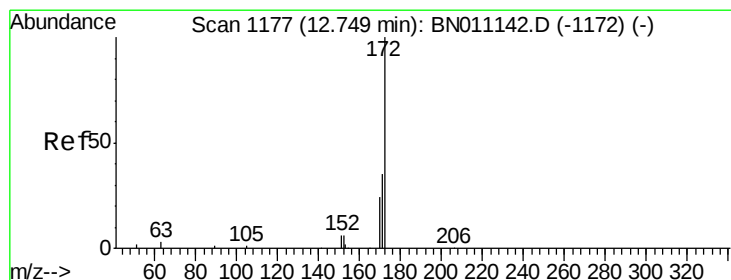
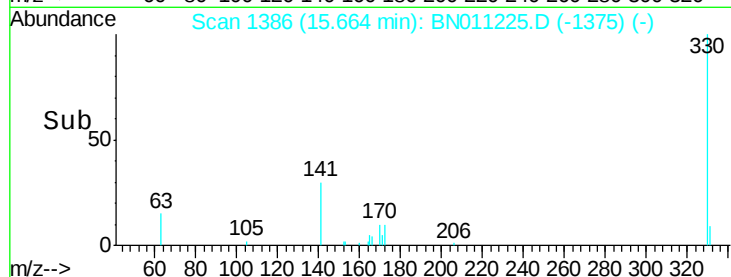
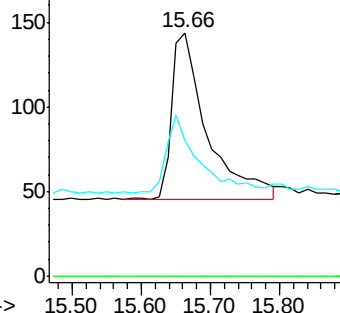
#14
2,4,6-Tribromophenol
Concen: 0.270 ng
RT: 15.66 min Scan# 1386
Delta R.T. 0.04 min
Lab File: BN011225.D
Acq: 22 Jul 2020 19:37

Instrument :
BNA_N
ClientSampleId :
PB130401BL

Tot Ion:330 Resp: 356
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 43.0 31.5 47.3

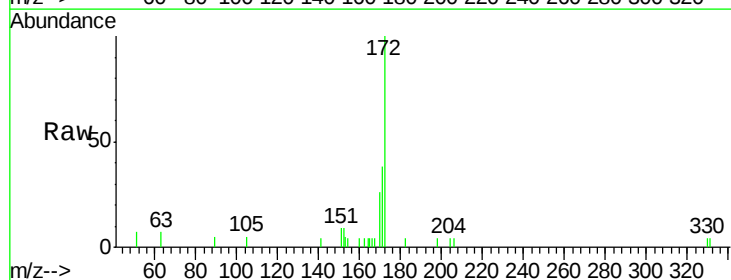


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

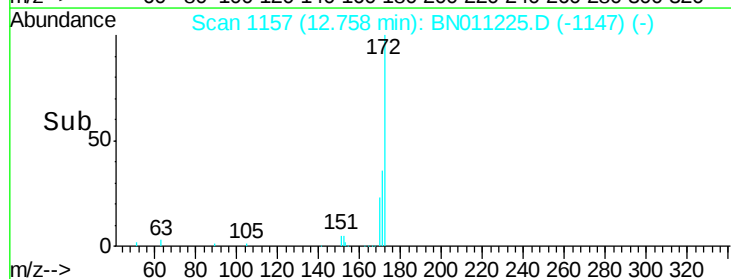
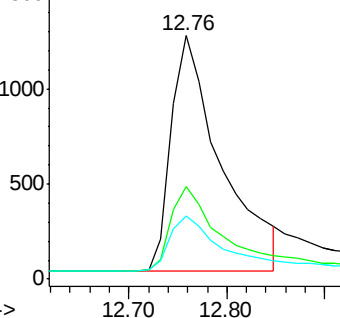


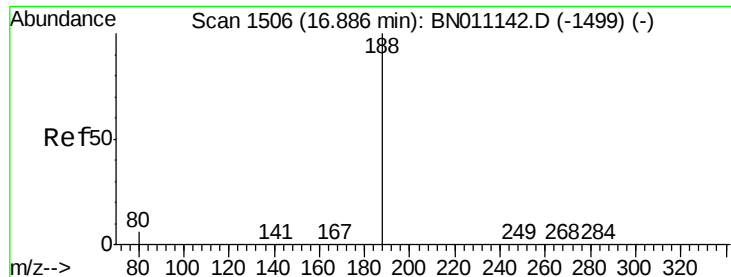
#15
2-Fluorobiphenyl
Concen: 0.312 ng
RT: 12.76 min Scan# 1157
Delta R.T. 0.03 min
Lab File: BN011225.D
Acq: 22 Jul 2020 19:37

Tgt Ion:172 Resp: 4344
Ion Ratio Lower Upper
172 100
171 37.9 29.0 43.6
170 26.0 20.3 30.5



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: 16.90 min Scan# 1486

Delta R.T. 0.02 min

Lab File: BN011225.D

Acq: 22 Jul 2020 19:37

Instrument :

BNA_N

ClientSampleId :

PB130401BL

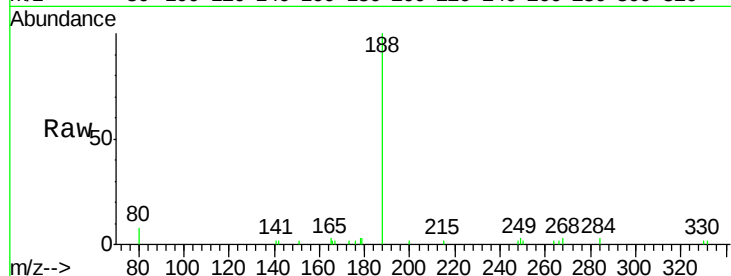
Tot Ion:188 Resp: 6452

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

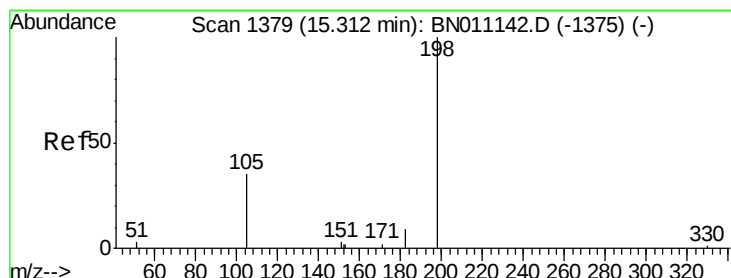
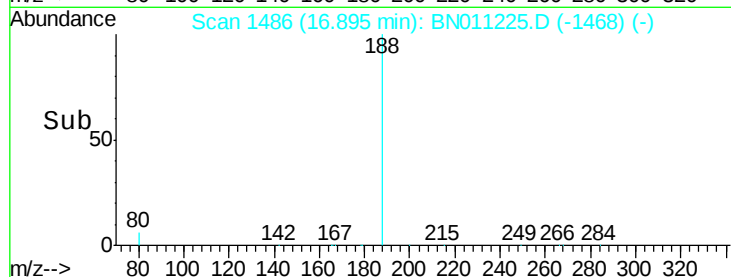
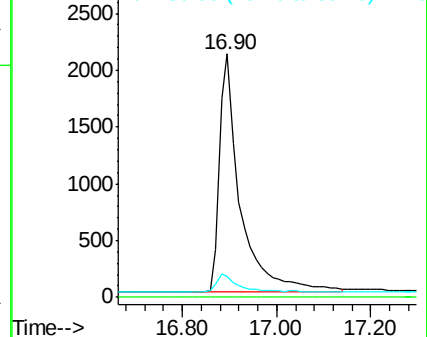
80 8.4 6.3 9.5



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



#20

4,6-Dinitro-2-methylphenol

Concen: 0.135 ng

RT: 15.23 min Scan# 1352

Delta R.T. -0.06 min

Lab File: BN011225.D

Acq: 22 Jul 2020 19:37

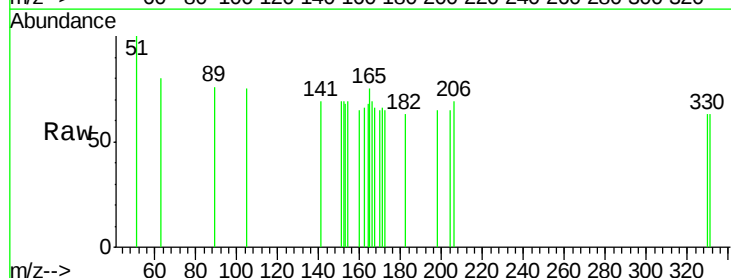
Tgt Ion:198 Resp: 2

Ion Ratio Lower Upper

198 100

51 154.3 53.1 79.7#

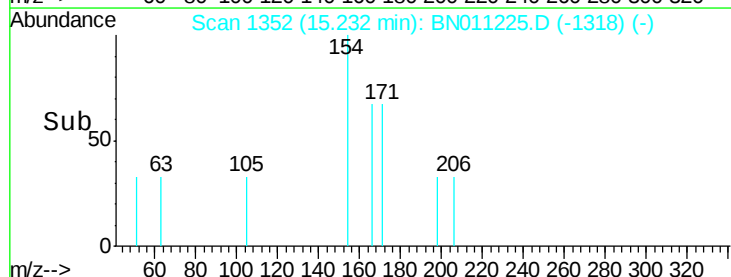
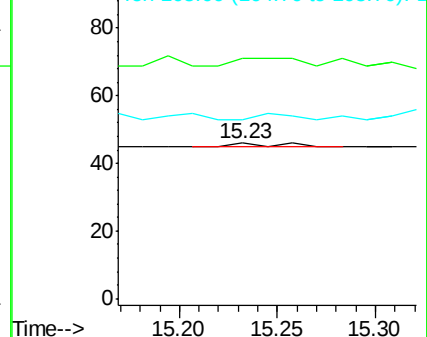
105 115.2 51.9 77.9#

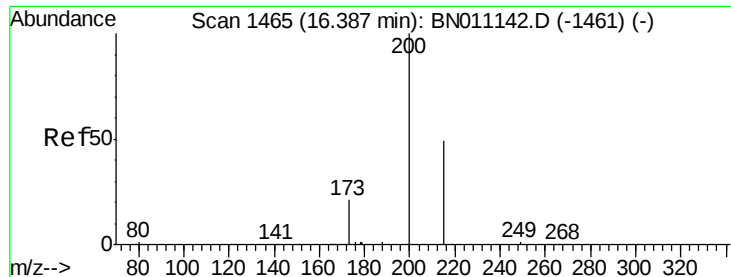


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E





#23

Atrazine

Concen: 0.033 ng

RT: 16.02 min Scan# 1414

Delta R.T. -0.35 min

Lab File: BN011225.D

Acq: 22 Jul 2020 19:37

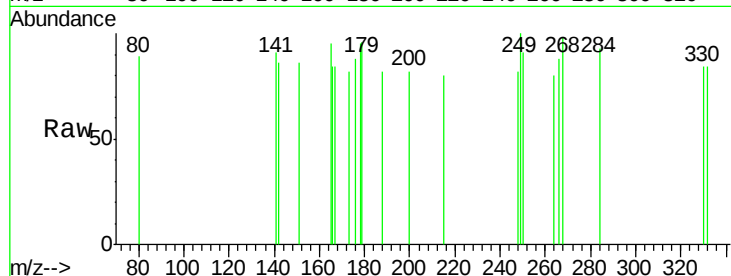
Instrument :

BNA_N

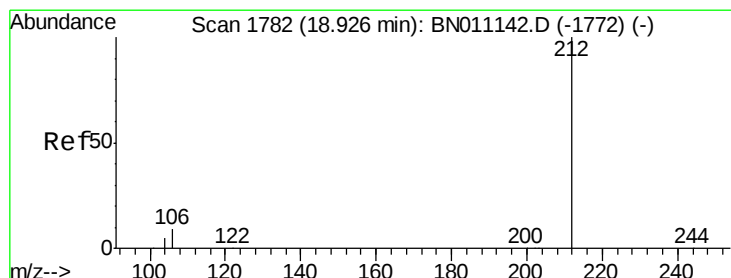
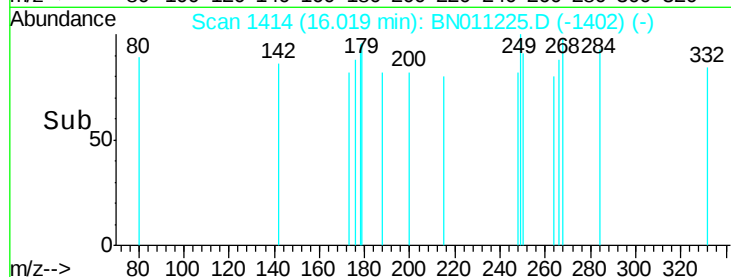
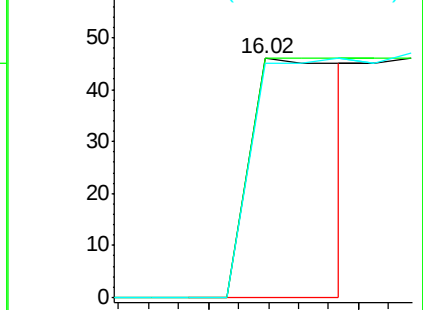
ClientSampleId :

PB130401BL

Tot Ion:	200	Resp:	101
Ion Ratio	Lower	Upper	
200	100		
173	100.0	23.0	34.4#
215	97.8	42.6	63.8#



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



#27

Fluoranthene-d10

Concen: 0.307 ng

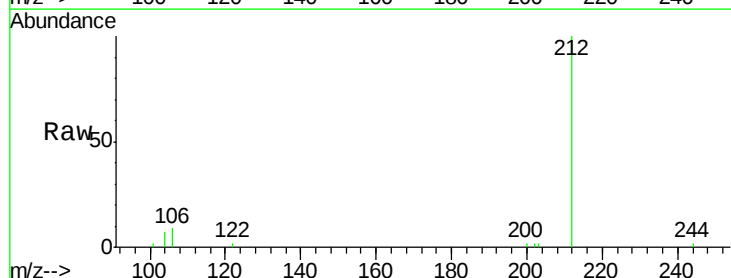
RT: 18.93 min Scan# 1762

Delta R.T. 0.01 min

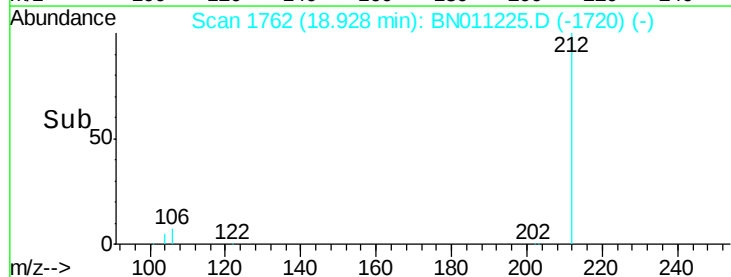
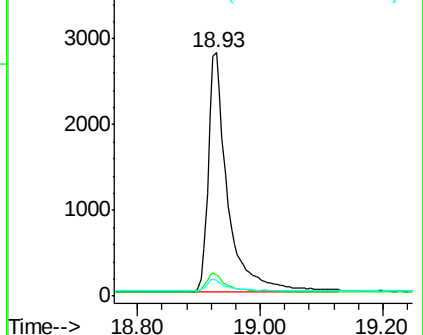
Lab File: BN011225.D

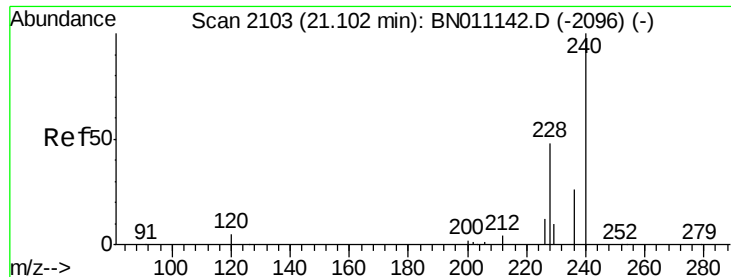
Acq: 22 Jul 2020 19:37

Tgt Ion:	212	Resp:	6247
Ion Ratio	Lower	Upper	
212	100		
106	8.1	7.0	10.6
104	4.6	4.2	6.4



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: 21.10 min Scan# 2082

Delta R.T. 0.00 min

Lab File: BN011225.D

Acq: 22 Jul 2020 19:37

Instrument :

BNA_N

ClientSampleID :

PB130401BL

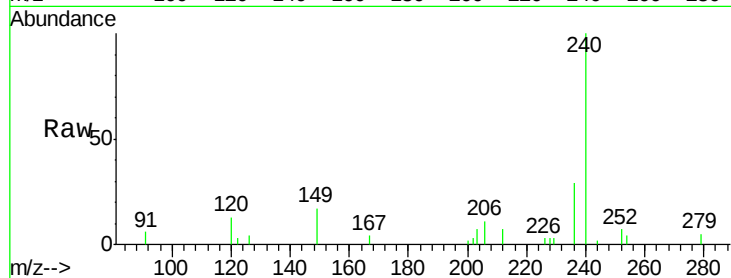
Tot Ion:240 Resp: 4617

Ion Ratio Lower Upper

240 100

120 12.6 6.5 9.7#

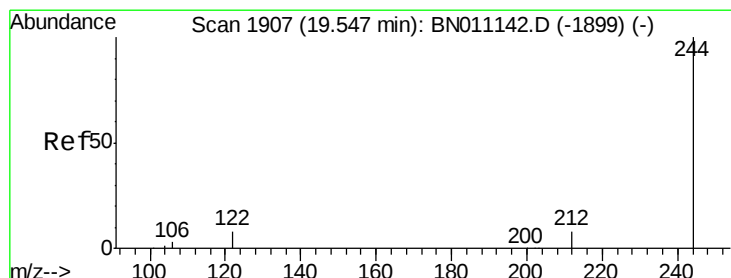
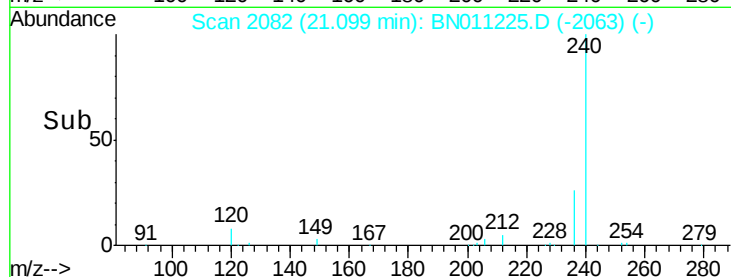
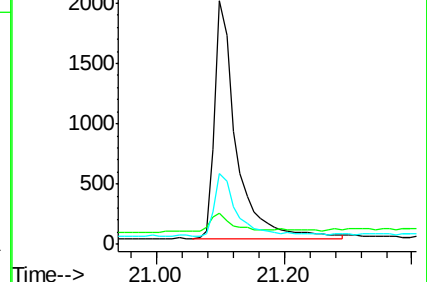
236 29.2 21.9 32.9



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



#31

Terphenyl-d14

Concen: 0.515 ng

RT: 19.54 min Scan# 1885

Delta R.T. 0.00 min

Lab File: BN011225.D

Acq: 22 Jul 2020 19:37

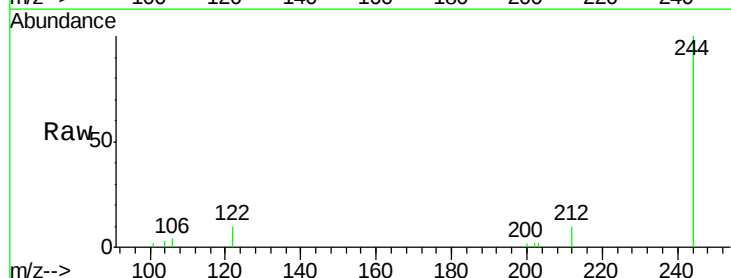
Tgt Ion:244 Resp: 6193

Ion Ratio Lower Upper

244 100

212 9.6 7.8 11.6

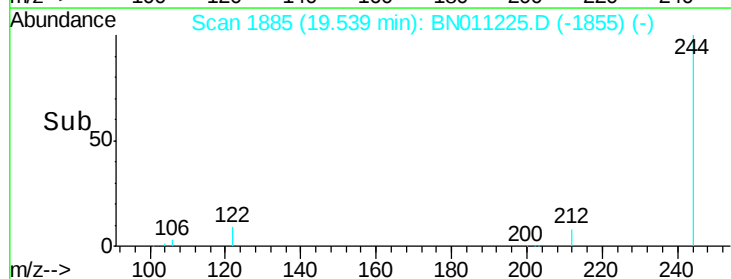
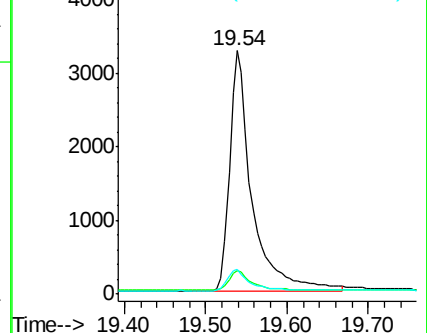
122 9.9 7.4 11.0

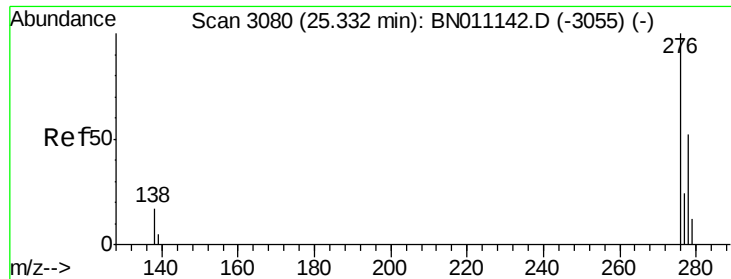


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#35

Indeno(1,2,3-cd)pyrene

Concen: Below Cal

RT: 25.39 min Scan# 3077

Delta R.T. 0.07 min

Lab File: BN011225.D

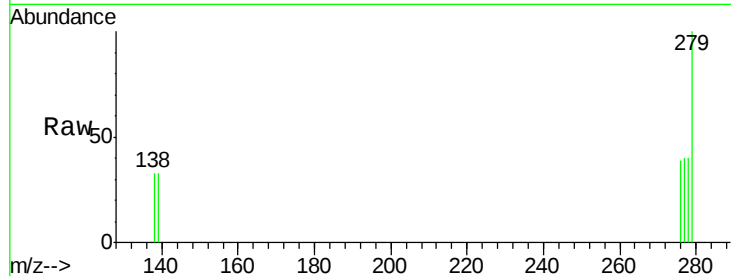
Acq: 22 Jul 2020 19:37

Instrument :

BNA_N

ClientSampleId :

PB130401BL



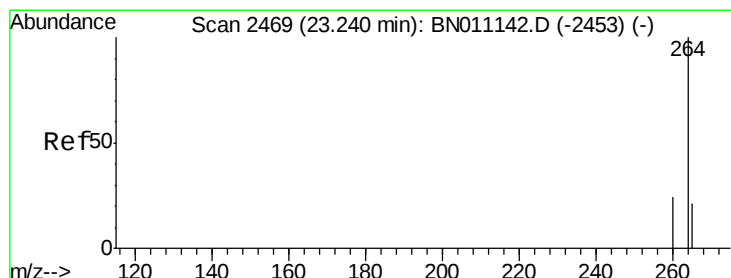
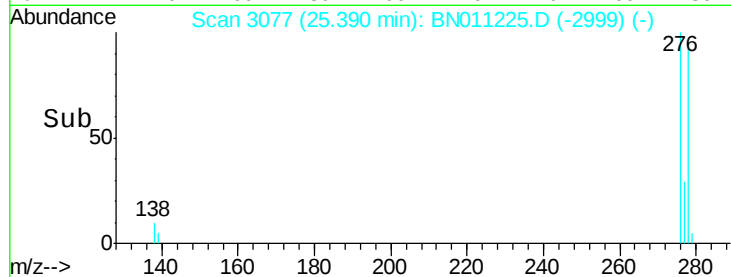
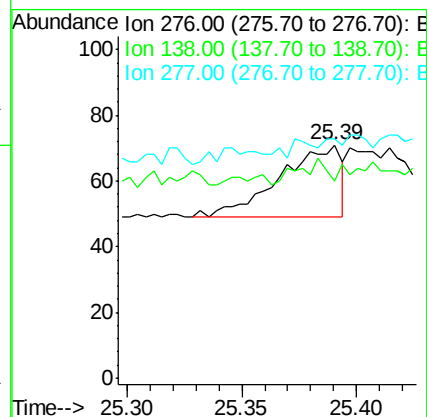
Tot Ion:276 Resp: 41

Ion Ratio Lower Upper

276 100

138 0.0 13.0 19.6#

277 7.3 19.7 29.5#



#36

Perylene-d12

Concen: 0.400 ng

RT: 23.23 min Scan# 2447

Delta R.T. 0.00 min

Lab File: BN011225.D

Acq: 22 Jul 2020 19:37

Tgt Ion:264 Resp: 4354

Ion Ratio Lower Upper

264 100

260 26.6 20.1 30.1

265 116.7 76.6 115.0#

