

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030920\
 Data File : BN010146.D
 Acq On : 09 Mar 2020 14:51
 Operator : CG/JU
 Sample : PB127320BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB127320BL

Quant Time: Mar 09 16:57:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 19 15:57:43 2020
 Response via : Initial Calibration

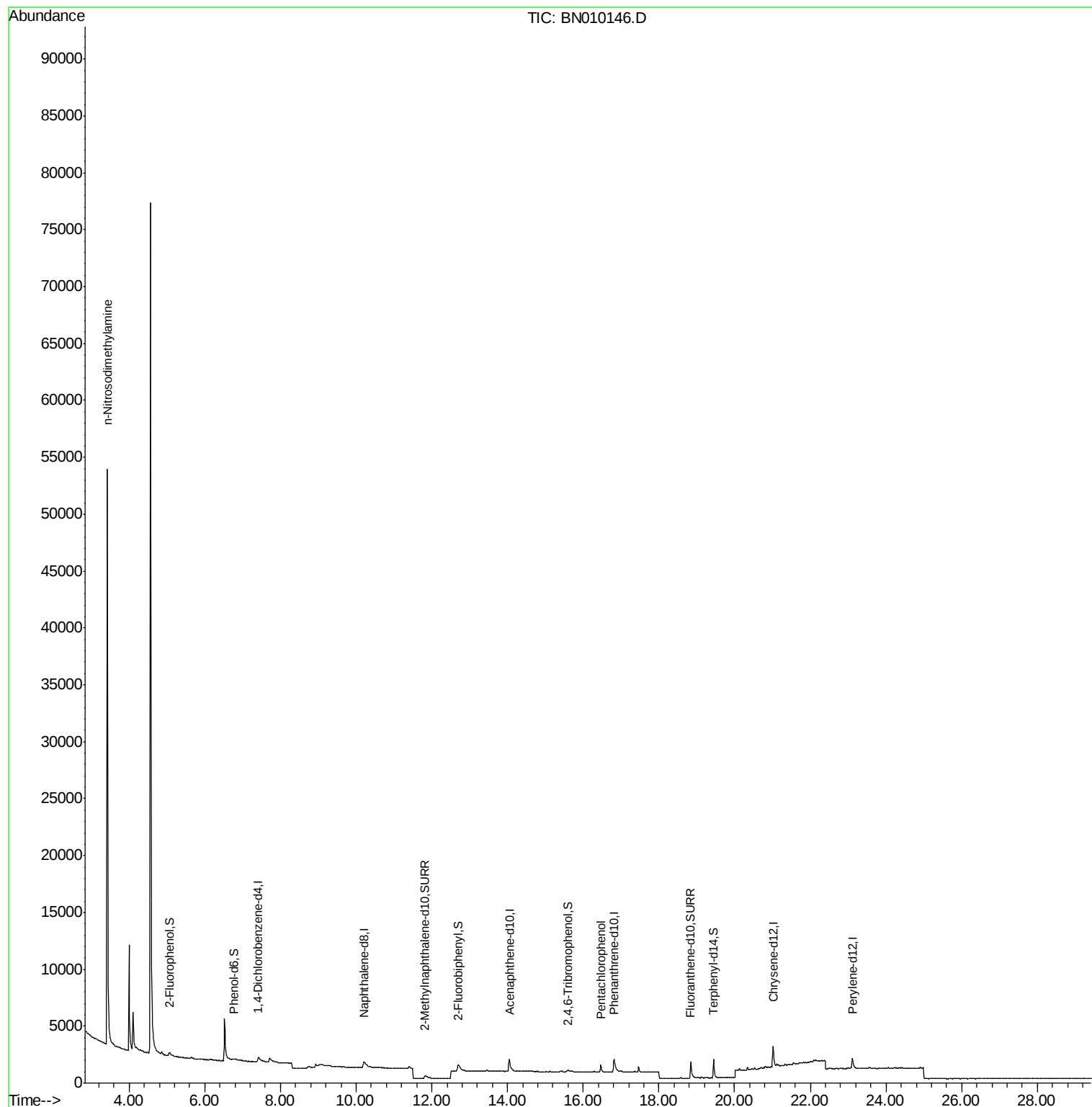
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	706	0.40	ng	0.00
7) Naphthalene-d8	10.22	136	2253	0.40	ng	0.04
13) Acenaphthene-d10	14.05	164	1618	0.40	ng	-0.01
19) Phenanthrene-d10	16.82	188	3818	0.40	ng	0.00
27) Chrysene-d12	21.02	240	3228	0.40	ng	-0.02
34) Perylene-d12	23.11	264	1545	0.40	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.07	112	633	0.40	ng	-0.02
5) Phenol-d6	6.79	99	262	0.14	ng	0.14
8) Nitrobenzene-d5	8.61	82	8	0.00	ng	0.01
11) 2-Methylnaphthalene-d10	11.82	152	1212	0.28	ng	0.04
14) 2,4,6-Tribromophenol	15.60	330	239	0.38	ng	0.01
15) 2-Fluorobiphenyl	12.70	172	1588	0.26	ng	0.01
25) Fluoranthene-d10	18.84	212	3209	0.24	ng	-0.02
29) Terphenyl-d14	19.45	244	2903	0.38	ng	-0.03
Target Compounds						
3) n-Nitrosodimethylamine	3.43	42	1818	1.531	ng	# 14
20) 4-Bromophenyl-phenylether	16.01	248	29	Below Cal		# 76
22) Pentachlorophenol	16.46	266	43	0.232	ng	# 1

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

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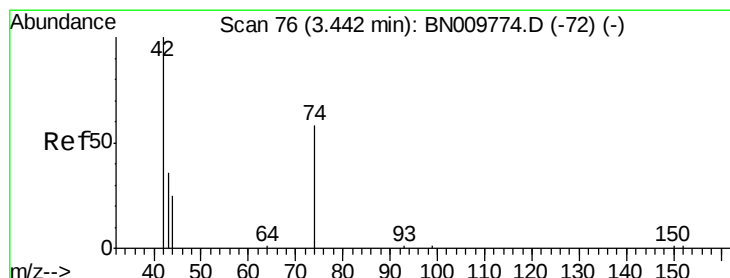
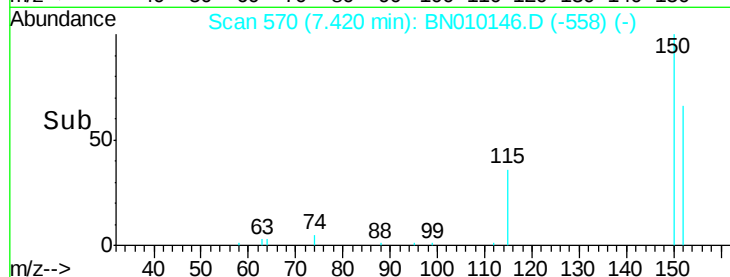
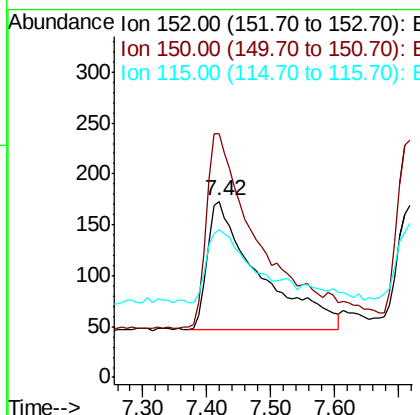
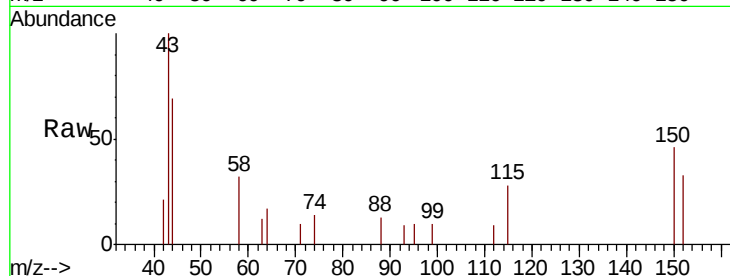


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.42 min Scan# 570
Delta R.T. -0.00 min
Lab File: BN010146.D
Acq: 09 Mar 2020 14:51

Instrument :
BNA_N
ClientSampleId :
PB127320BL

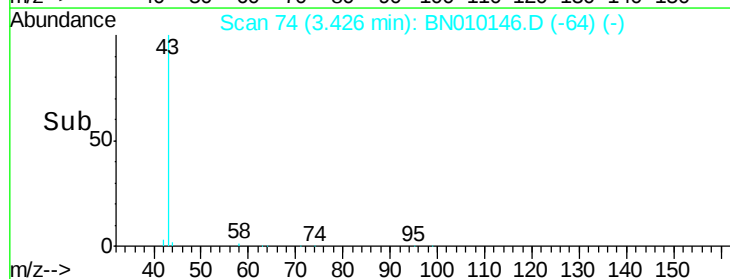
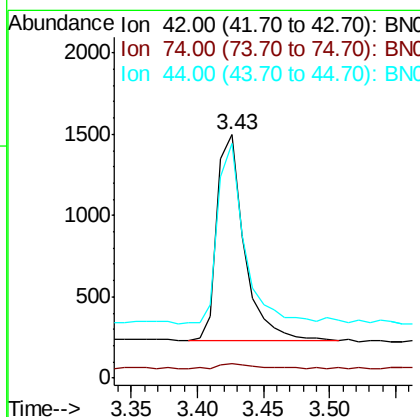
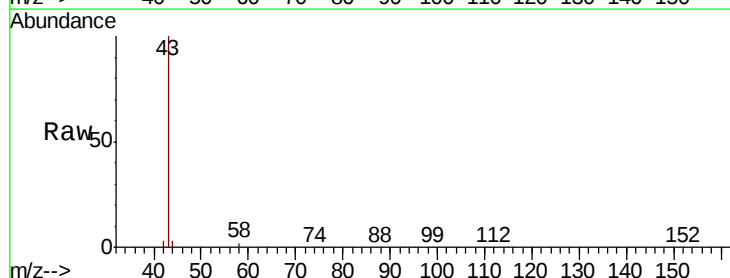
Tot Ion:152 Resp: 706
Ion Ratio Lower Upper
152 100
150 138.2 120.6 181.0
115 83.8 51.2 76.8#

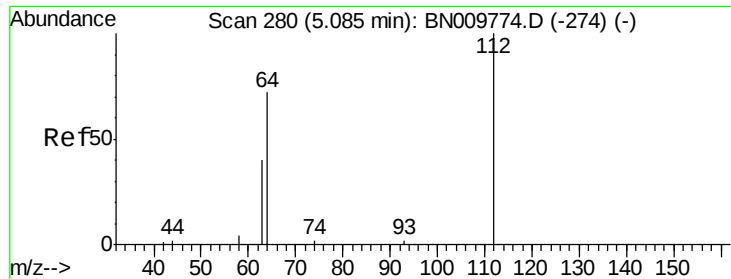


#3

n-Nitrosodimethylamine
Concen: 1.531 ng
RT: 3.43 min Scan# 74
Delta R.T. -0.02 min
Lab File: BN010146.D
Acq: 09 Mar 2020 14:51

Tgt Ion: 42 Resp: 1818
Ion Ratio Lower Upper
42 100
74 2.9 51.2 76.8#
44 85.4 2.6 4.0#





#4

2-Fluorophenol

Concen: 0.403 ng

RT: 5.07 min Scan# 278

Delta R.T. -0.02 min

Lab File: BN010146.D

Acq: 09 Mar 2020 14:51

Instrument :

BNA_N

ClientSampleId :

PB127320BL

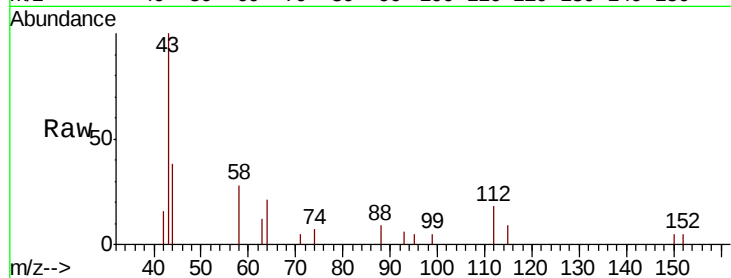
Tot Ion: 112 Resp: 633

Ion Ratio Lower Upper

112 100

64 73.1 65.8 98.6

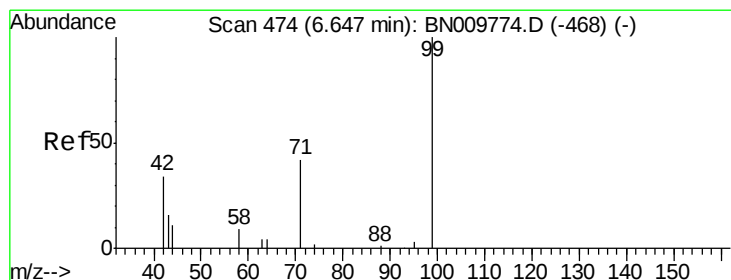
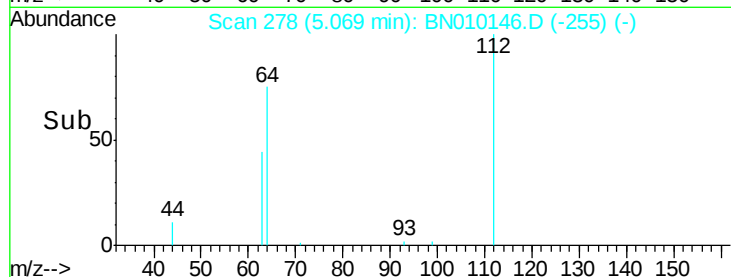
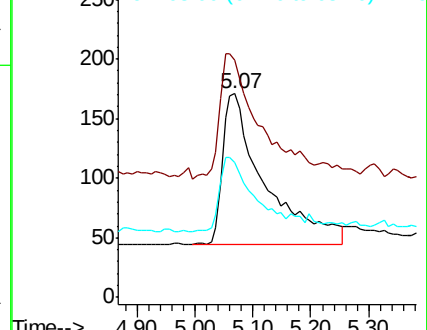
63 40.3 38.7 58.1



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: 0.137 ng

RT: 6.79 min Scan# 492

Delta R.T. 0.14 min

Lab File: BN010146.D

Acq: 09 Mar 2020 14:51

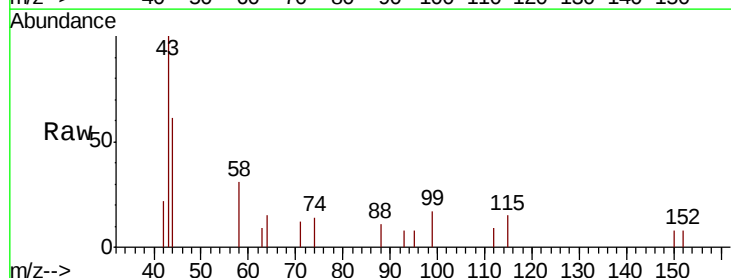
Tgt Ion: 99 Resp: 262

Ion Ratio Lower Upper

99 100

42 0.0 30.8 46.2#

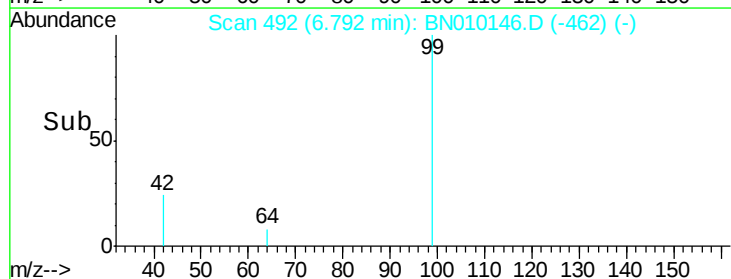
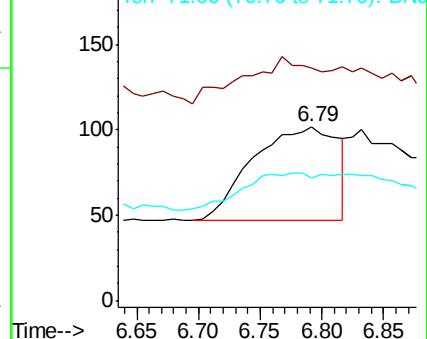
71 0.0 34.9 52.3#

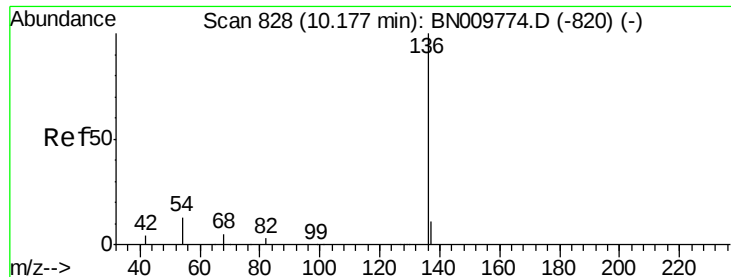


Abundance Ion 99.00 (98.70 to 99.70): BNO

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: 10.22 min Scan# 831

Delta R.T. 0.04 min

Lab File: BN010146.D

Acq: 09 Mar 2020 14:51

Instrument :

BNA_N

ClientSampleId :

PB127320BL

Tot Ion:136 Resp: 2253

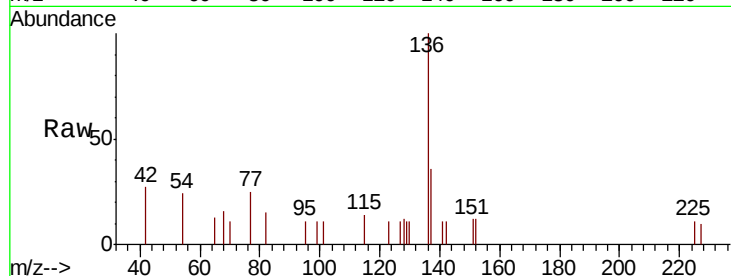
Ion Ratio Lower Upper

136 100

137 35.9 11.3 16.9#

54 24.1 13.4 20.2#

68 15.5 7.0 10.4#

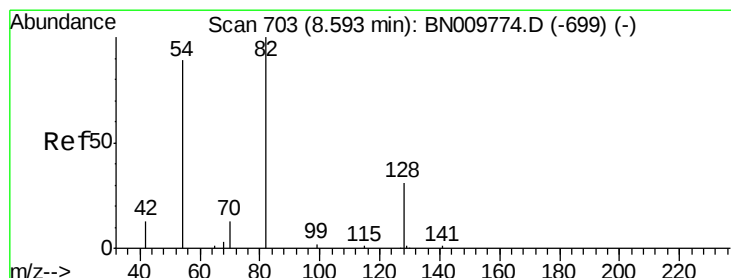
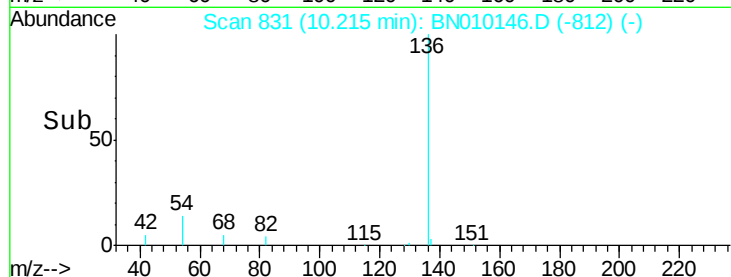
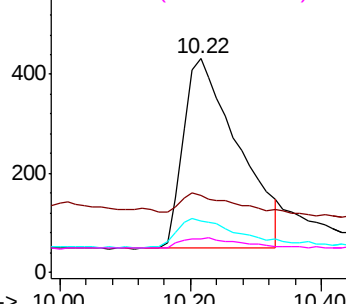


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.004 ng

RT: 8.61 min Scan# 704

Delta R.T. 0.01 min

Lab File: BN010146.D

Acq: 09 Mar 2020 14:51

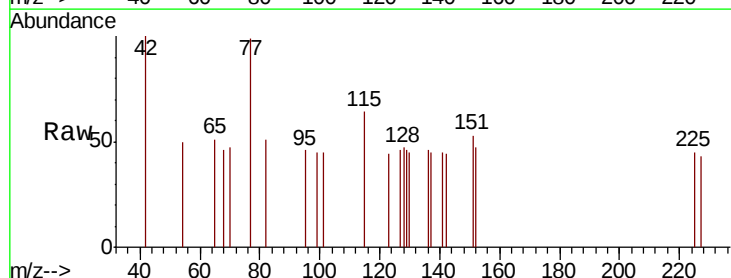
Tgt Ion: 82 Resp: 8

Ion Ratio Lower Upper

82 100

128 92.5 32.5 48.7#

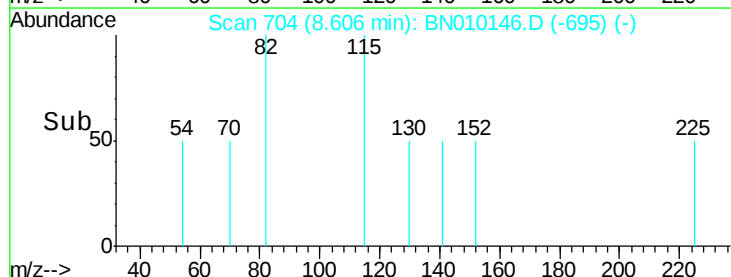
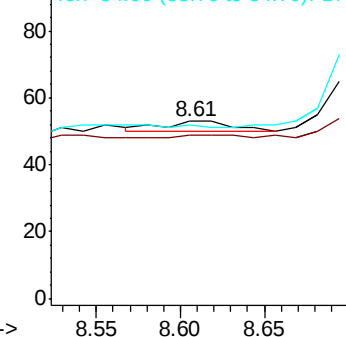
54 98.1 73.5 110.3

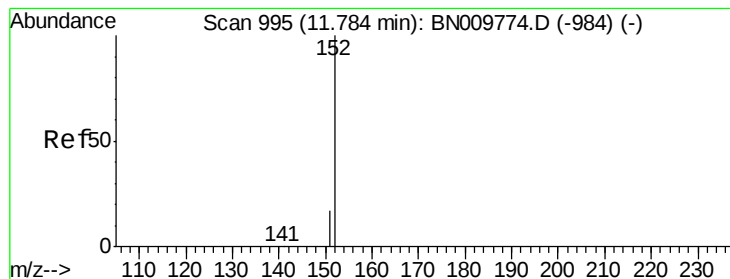


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#11

2-Methylnaphthalene-d10

Concen: 0.278 ng

RT: 11.82 min Scan# 1004

Delta R.T. 0.04 min

Lab File: BN010146.D

Acq: 09 Mar 2020 14:51

Instrument :

BNA_N

ClientSampleId :

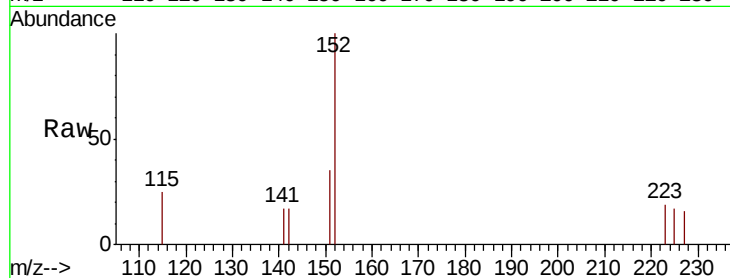
PB127320BL

Tot Ion:152 Resp: 1212

Ion Ratio Lower Upper

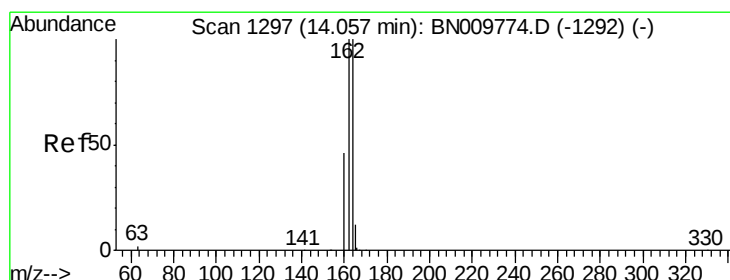
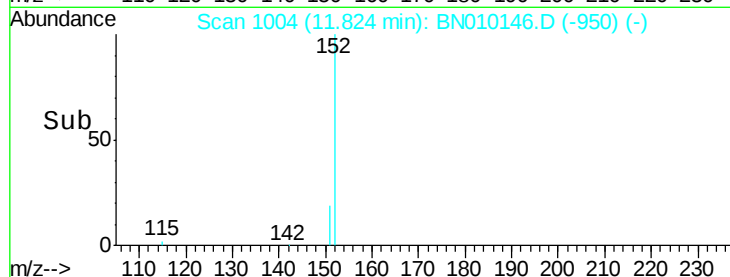
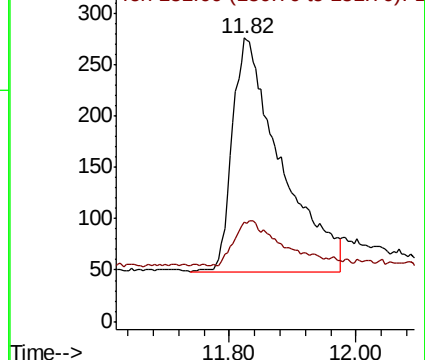
152 100

151 18.8 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.05 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BN010146.D

Acq: 09 Mar 2020 14:51

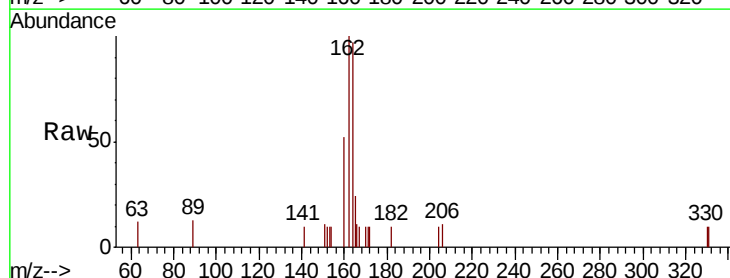
Tgt Ion:164 Resp: 1618

Ion Ratio Lower Upper

164 100

162 102.8 79.9 119.9

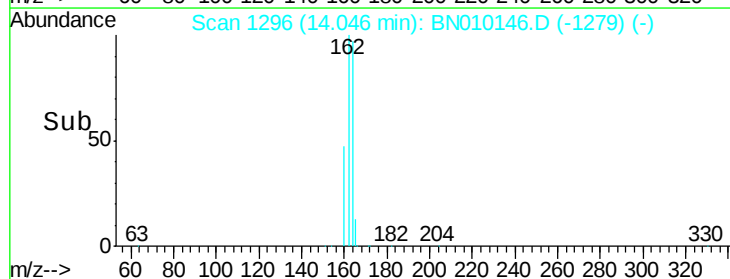
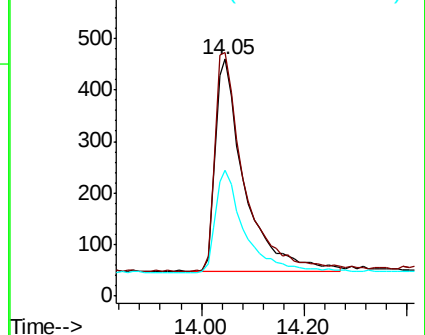
160 53.4 38.2 57.2



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

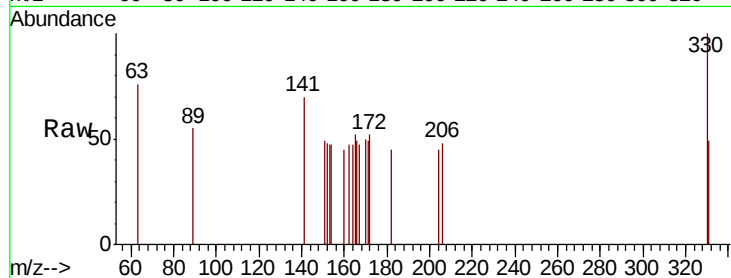




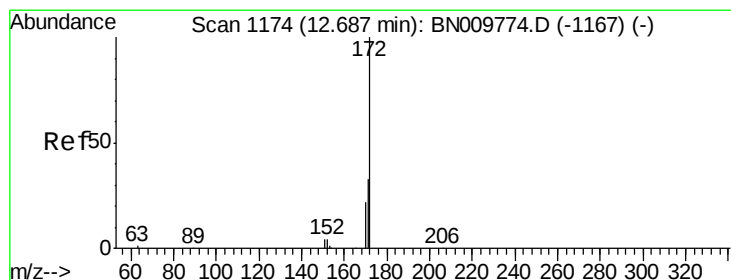
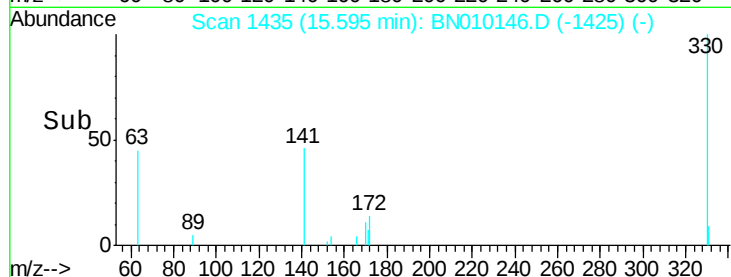
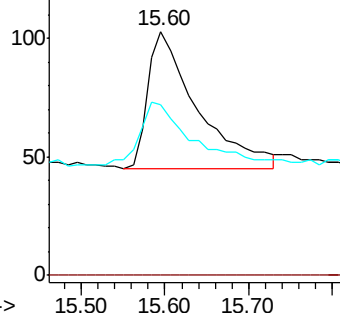
#14
 2,4,6-Tribromophenol
 Concen: 0.383 ng
 RT: 15.60 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: BN010146.D
 Acq: 09 Mar 2020 14:51

Instrument :
 BNA_N
 ClientSampleId :
 PB127320BL

Tot Ion:330 Resp: 239
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 44.8 36.8 55.2

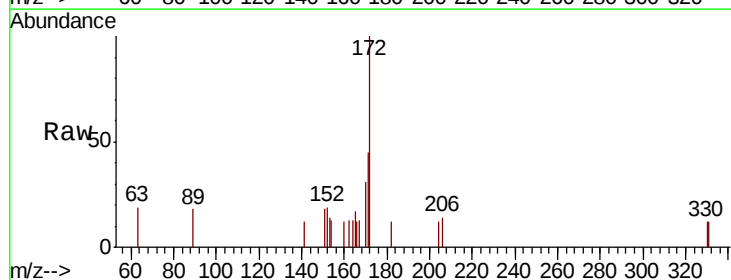


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

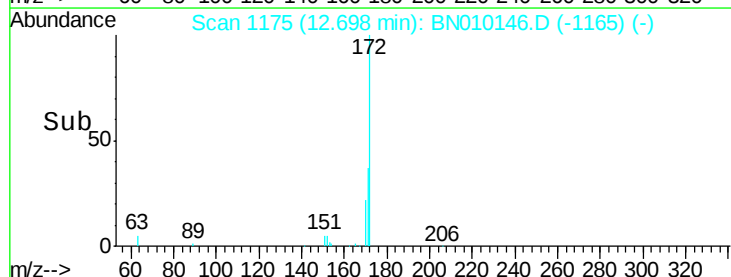
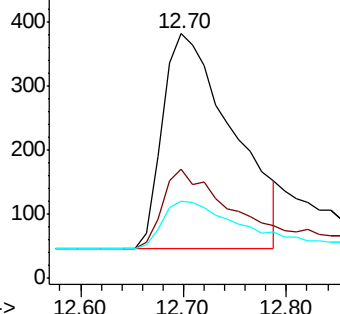


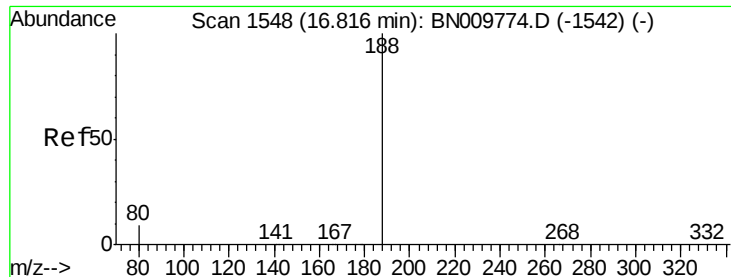
#15
 2-Fluorobiphenyl
 Concen: 0.260 ng
 RT: 12.70 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: BN010146.D
 Acq: 09 Mar 2020 14:51

Tgt Ion:172 Resp: 1588
 Ion Ratio Lower Upper
 172 100
 171 44.6 28.7 43.1#
 170 31.2 20.1 30.1#



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: 16.82 min Scan# 1548

Delta R.T. -0.00 min

Lab File: BN010146.D

Acq: 09 Mar 2020 14:51

Instrument :

BNA_N

ClientSampleId :

PB127320BL

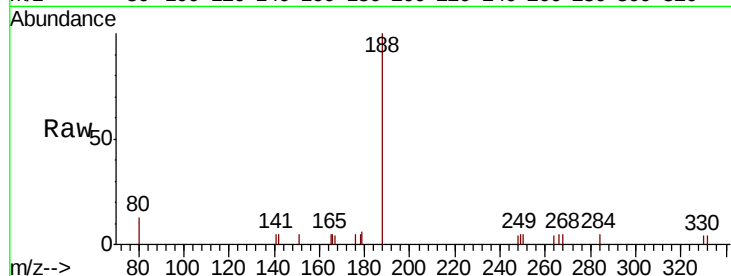
Tot Ion:188 Resp: 3818

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

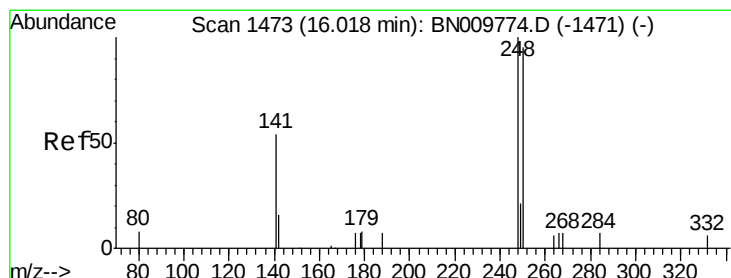
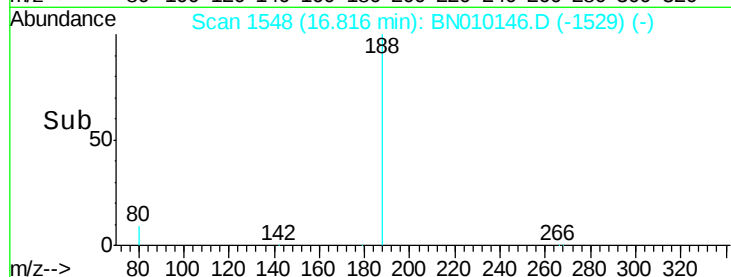
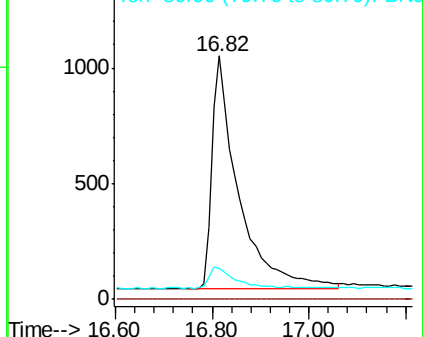
80 12.8 8.3 12.5#



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-Bromophenyl-phenylether

Concen: Below Cal

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN010146.D

Acq: 09 Mar 2020 14:51

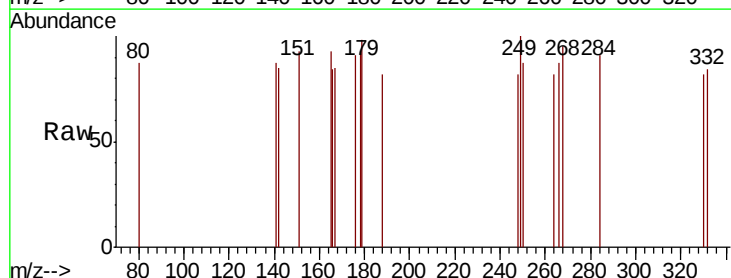
Tgt Ion:248 Resp: 29

Ion Ratio Lower Upper

248 100

250 106.7 76.2 114.4

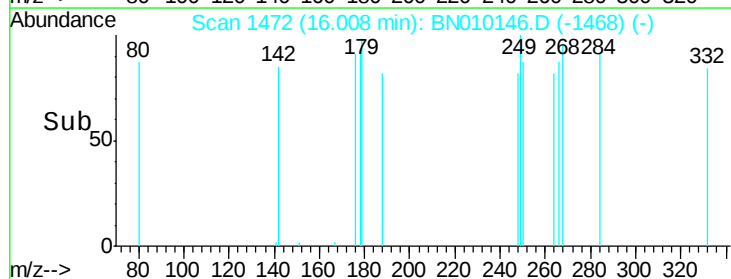
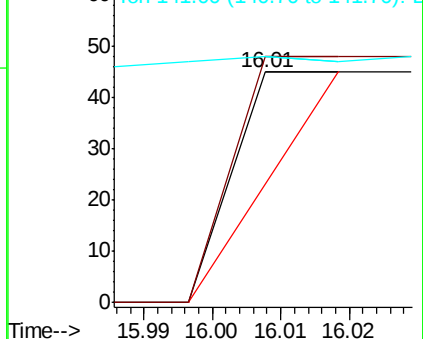
141 106.7 57.8 86.6#

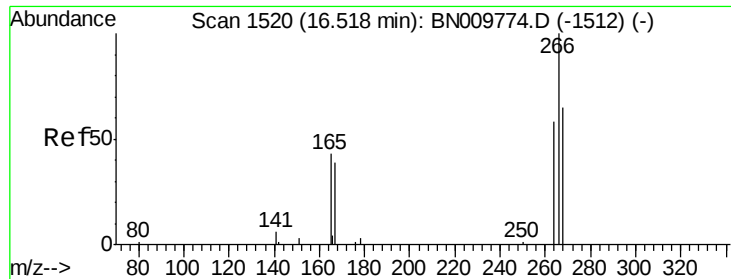


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

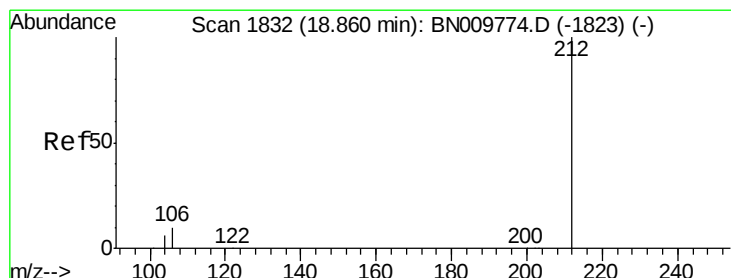
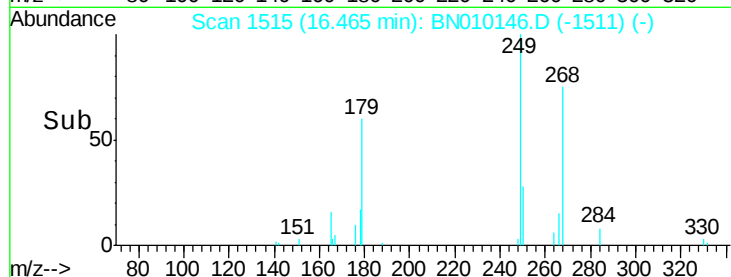
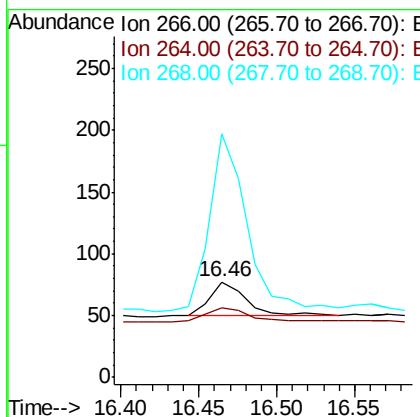
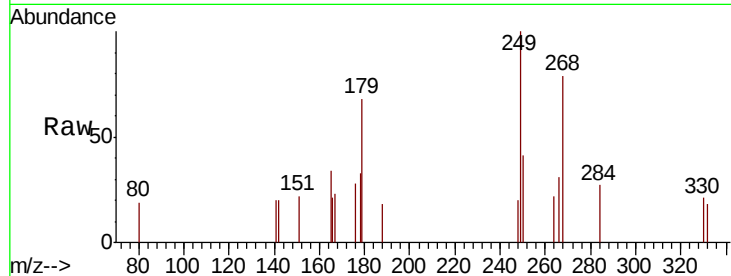




#22
 Pentachlorophenol
 Concen: 0.232 ng
 RT: 16.46 min Scan# 1515
 Delta R.T. -0.05 min
 Lab File: BN010146.D
 Acq: 09 Mar 2020 14:51

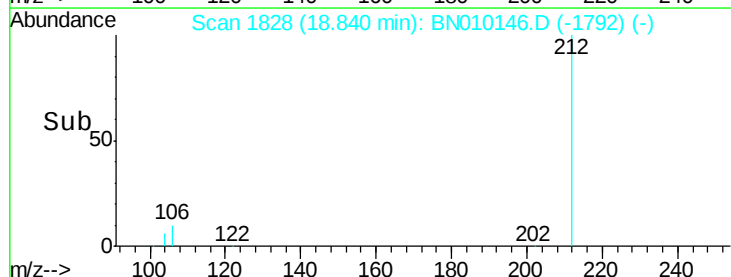
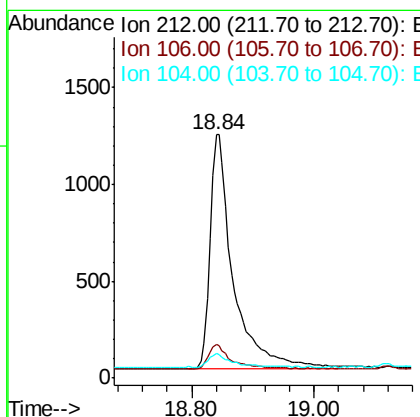
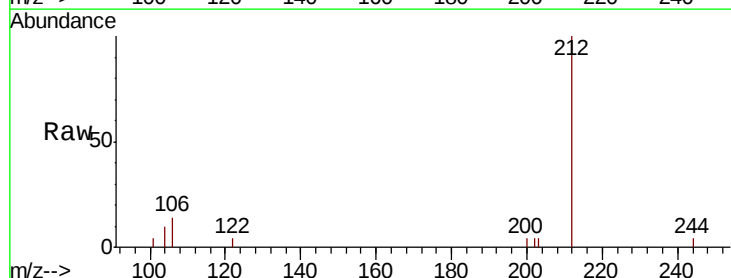
Instrument :
 BNA_N
 ClientSampleID :
 PB127320BL

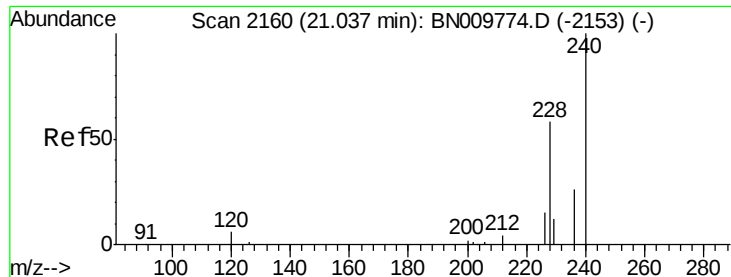
Tot Ion:266 Resp: 43
 Ion Ratio Lower Upper
 266 100
 264 72.7 58.1 87.1
 268 255.8 65.7 98.5#



#25
 Fluoranthene-d10
 Concen: 0.243 ng
 RT: 18.84 min Scan# 1828
 Delta R.T. -0.02 min
 Lab File: BN010146.D
 Acq: 09 Mar 2020 14:51

Tgt Ion:212 Resp: 3209
 Ion Ratio Lower Upper
 212 100
 106 9.7 8.4 12.6
 104 5.1 4.8 7.2





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.02 min Scan# 2158

Delta R.T. -0.02 min

Lab File: BN010146.D

Acq: 09 Mar 2020 14:51

Instrument :

BNA_N

ClientSampleId :

PB127320BL

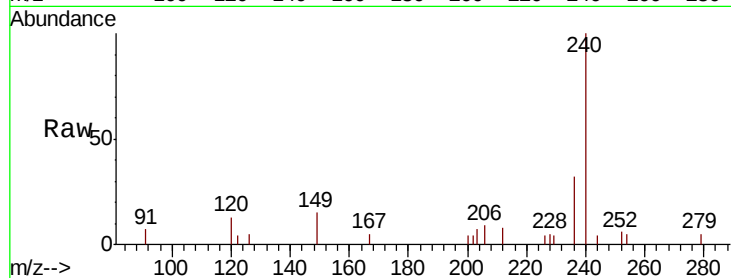
Tot Ion:240 Resp: 3228

Ion Ratio Lower Upper

240 100

120 13.3 7.9 11.9#

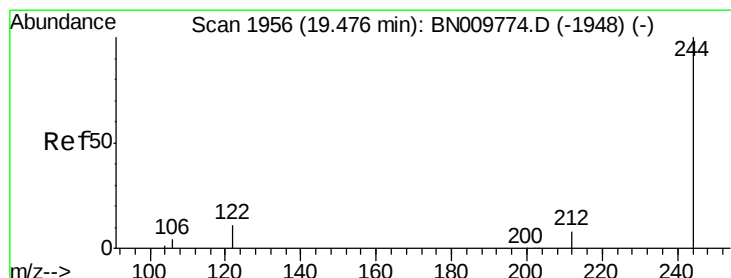
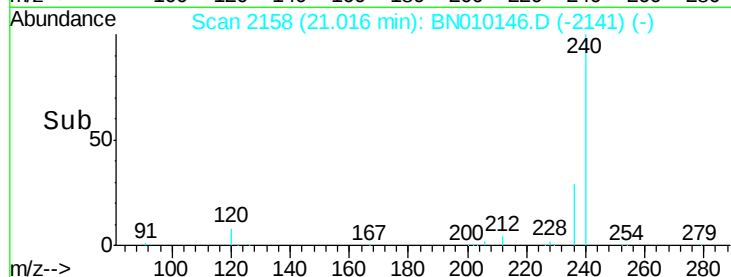
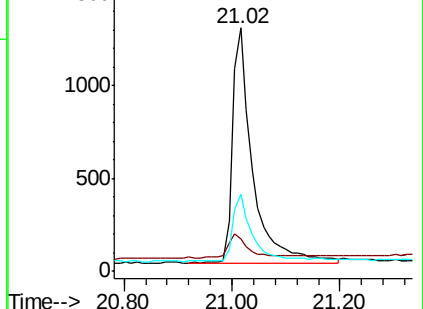
236 31.6 22.0 33.0



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: 0.376 ng

RT: 19.45 min Scan# 1950

Delta R.T. -0.03 min

Lab File: BN010146.D

Acq: 09 Mar 2020 14:51

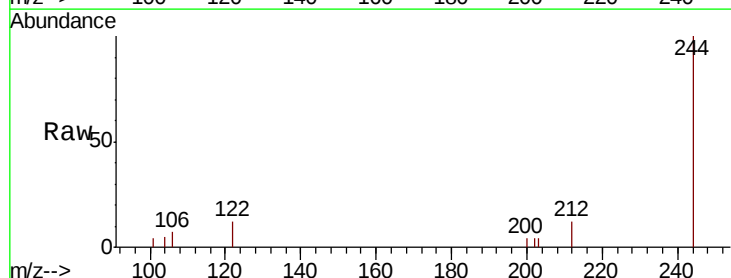
Tgt Ion:244 Resp: 2903

Ion Ratio Lower Upper

244 100

212 11.9 8.0 12.0

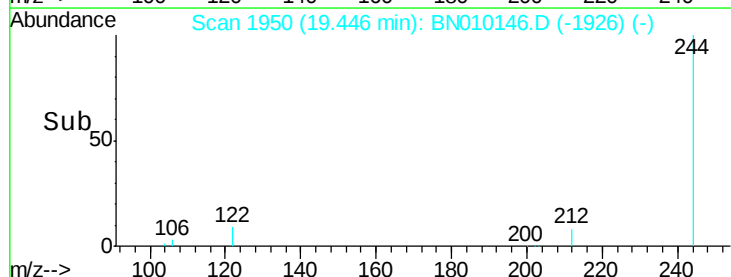
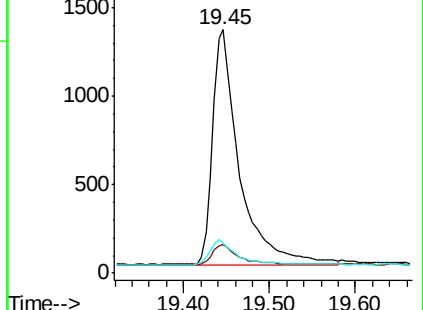
122 12.4 10.0 15.0

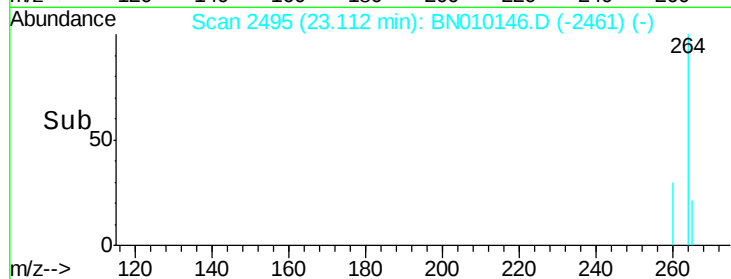
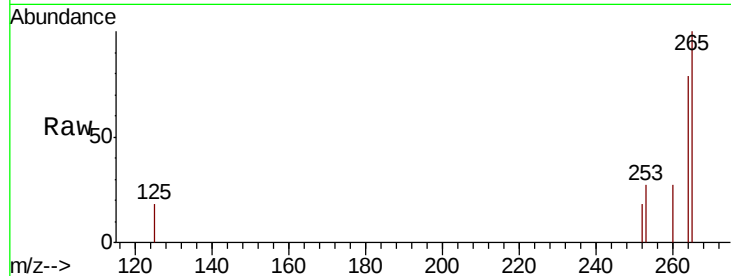
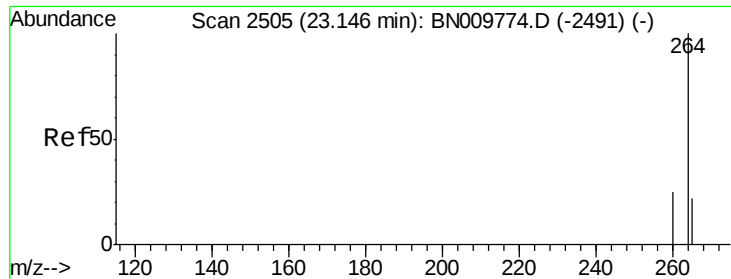


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.11 min Scan# 2495

Delta R.T. -0.03 min

Lab File: BN010146.D

Acq: 09 Mar 2020 14:51

Instrument :

BNA_N

ClientSampleId :

PB127320BL

Tot Ion: 264 Resp: 1545

Ion Ratio Lower Upper

264 100

260 34.1 21.1 31.7#

265 126.6 57.5 86.3#

