

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
 Data File : BN010190.D
 Acq On : 11 Mar 2020 13:33
 Operator : CG/JU
 Sample : L1842-23
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP02-20200305

Quant Time: Mar 11 15:14:52 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

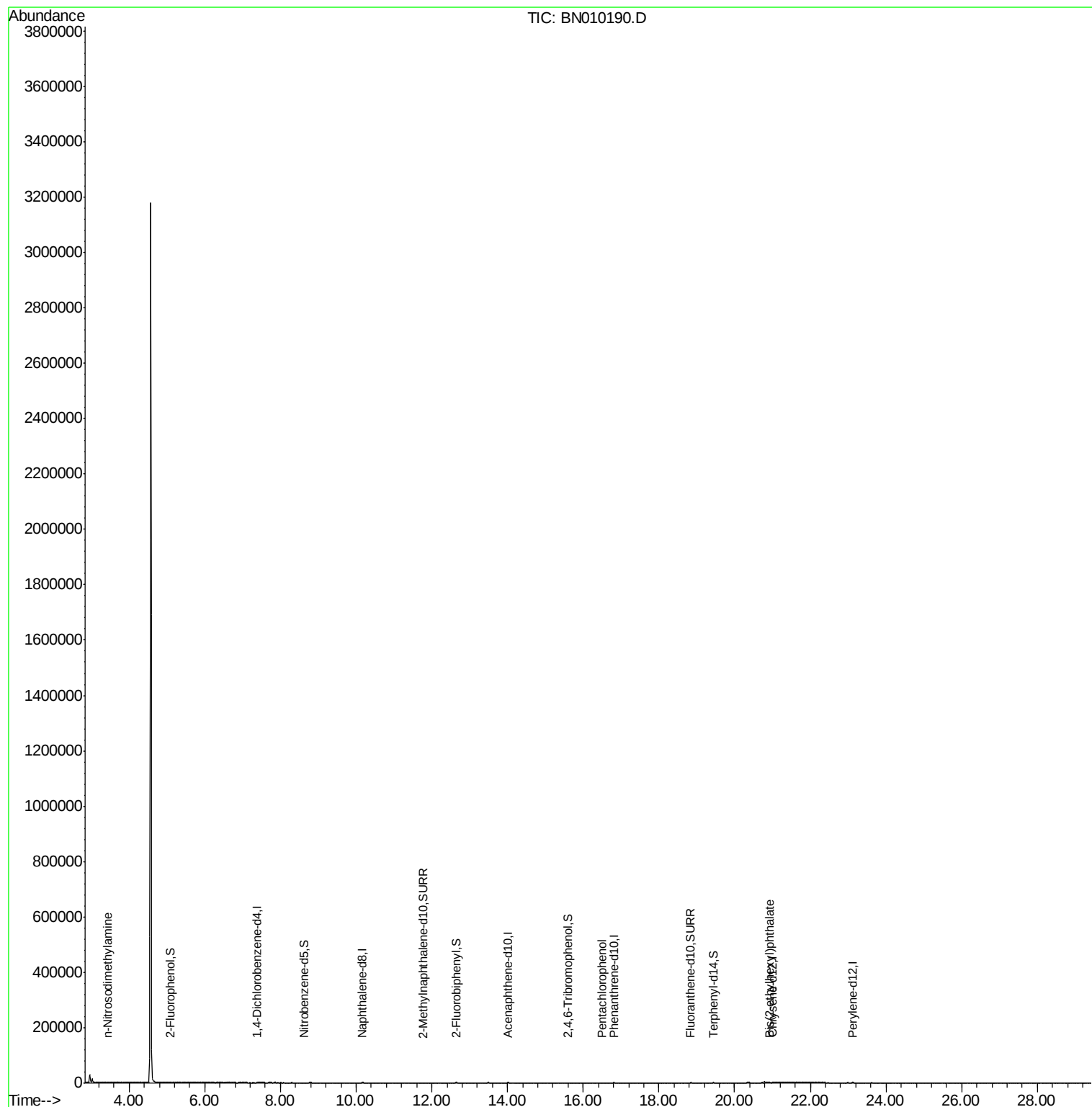
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	817	0.40	ng	-0.03
7) Naphthalene-d8	10.16	136	2483	0.40	ng	-0.01
13) Acenaphthene-d10	14.00	164	1760	0.40	ng	-0.06
19) Phenanthrene-d10	16.80	188	3109	0.40	ng	-0.01
27) Chrysene-d12	21.00	240	4523	0.40	ng	-0.03
34) Perylene-d12	23.11	264	3574	0.40	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.08	112	41	0.02	ng	0.00
5) Phenol-d6	6.63	99	1	0.00	ng	-0.02
8) Nitrobenzene-d5	8.63	82	768	0.37	ng	0.04
11) 2-Methylnaphthalene-d10	11.77	152	1496	0.31	ng	-0.01
14) 2,4,6-Tribromophenol	15.60	330	96	0.14	ng	0.01
15) 2-Fluorobiphenyl	12.64	172	2605	0.39	ng	-0.04
25) Fluoranthene-d10	18.84	212	3930	0.37	ng	-0.02
29) Terphenyl-d14	19.44	244	4409	0.41	ng	-0.03
Target Compounds						
3) n-Nitrosodimethylamine	3.45	42	32	0.023	ng	# 1
20) 4-Bromophenyl-phenylether	16.05	248	174	Below Cal	#	75
22) Pentachlorophenol	16.49	266	4	0.185	ng	# 76
32) Bis(2-ethylhexyl)phthalate	20.92	149	511	0.070	ng	# 90

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
Data File : BN010190.D
Acq On : 11 Mar 2020 13:33
Operator : CG/JU
Sample : L1842-23
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DUP02-20200305

Quant Time: Mar 11 15:14:52 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



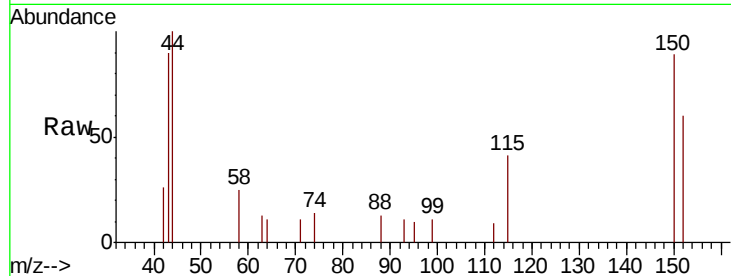


#1

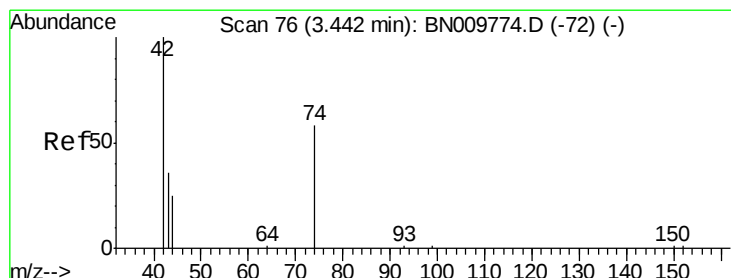
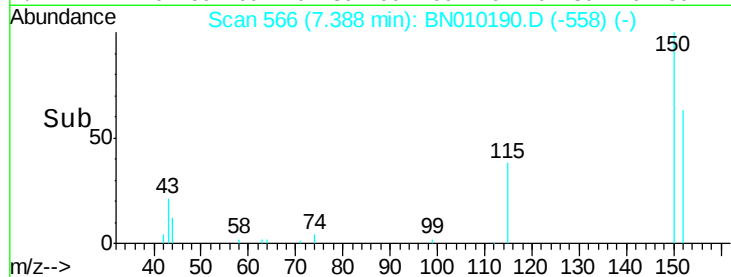
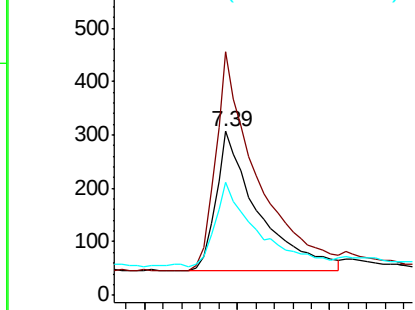
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 566
Delta R.T. -0.03 min
Lab File: BN010190.D
Acq: 11 Mar 2020 13:33

Instrument :
BNA_N
ClientSampleId :
DUP02-20200305

Tot Ion:152 Resp: 817
Ion Ratio Lower Upper
152 100
150 148.5 120.6 181.0
115 68.7 51.2 76.8



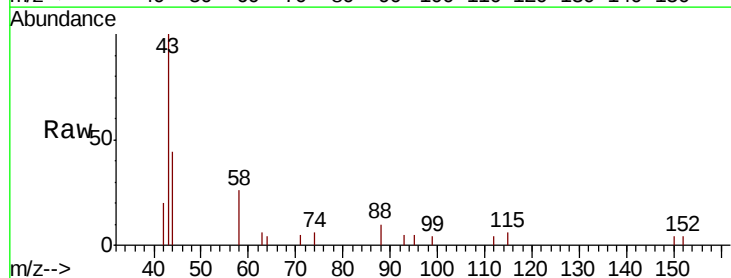
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



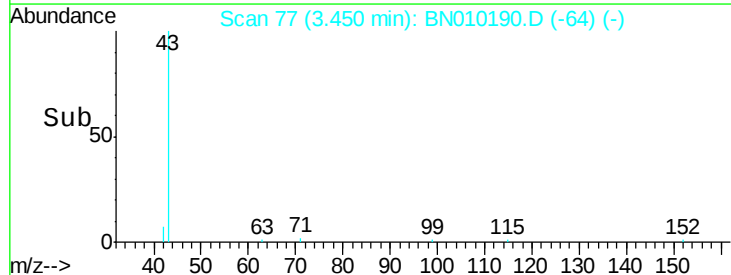
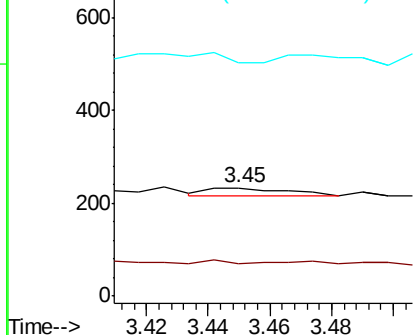
#3

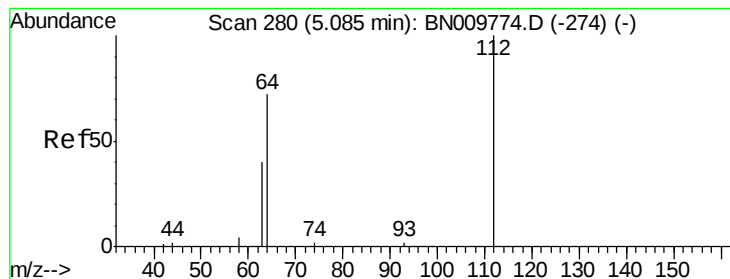
n-Nitrosodimethylamine
Concen: 0.023 ng
RT: 3.45 min Scan# 77
Delta R.T. 0.01 min
Lab File: BN010190.D
Acq: 11 Mar 2020 13:33

Tgt Ion: 42 Resp: 32
Ion Ratio Lower Upper
42 100
74 15.6 51.2 76.8#
44 390.6 2.6 4.0#



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





#4

2-Fluorophenol

Concen: 0.023 ng

RT: 5.08 min Scan# 280

Delta R.T. -0.00 min

Lab File: BN010190.D

Acq: 11 Mar 2020 13:33

Instrument :

BNA_N

ClientSampleId :

DUP02-20200305

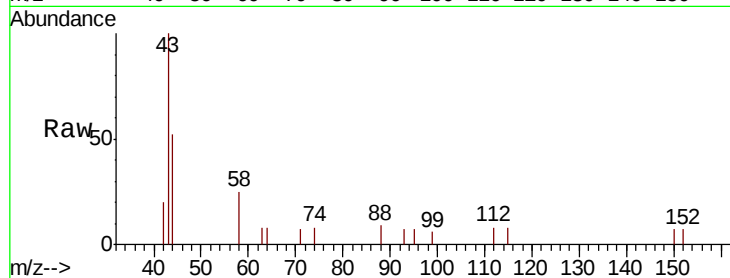
Tot Ion: 112 Resp: 41

Ion Ratio Lower Upper

112 100

64 92.7 65.8 98.6

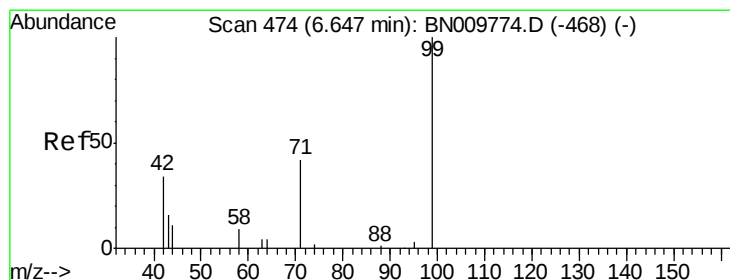
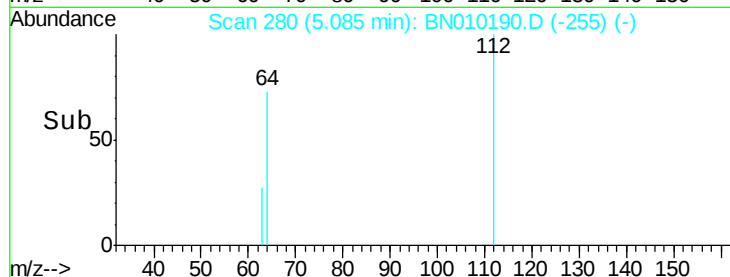
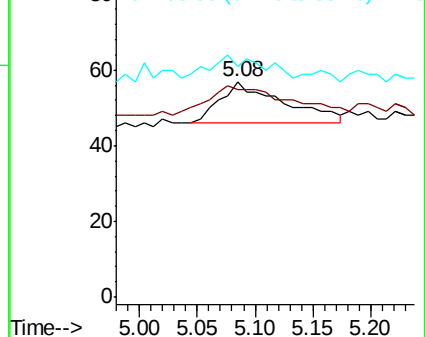
63 56.1 38.7 58.1



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

Phenol-d6

Concen: 0.000 ng

RT: 6.63 min Scan# 472

Delta R.T. -0.02 min

Lab File: BN010190.D

Acq: 11 Mar 2020 13:33

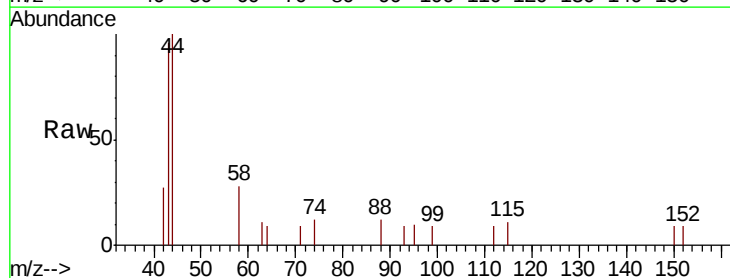
Tgt Ion: 99 Resp: 1

Ion Ratio Lower Upper

99 100

42 0.0 30.8 46.2#

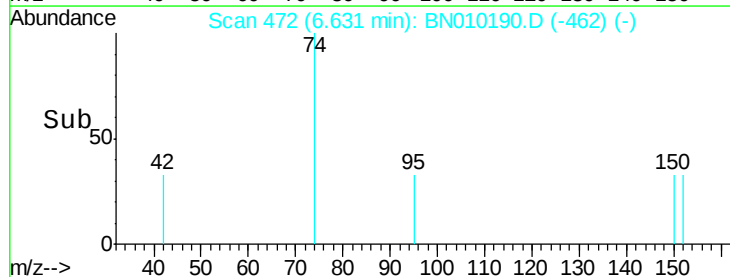
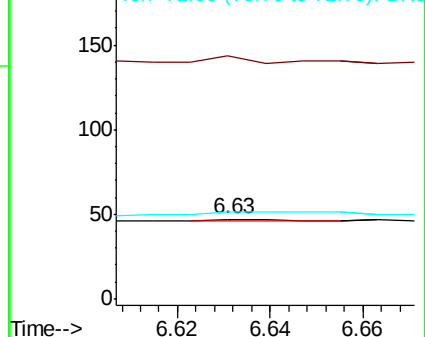
71 500.0 34.9 52.3#



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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 827

Delta R.T. -0.01 min

Lab File: BN010190.D

Acq: 11 Mar 2020 13:33

Instrument :

BNA_N

ClientSampleId :

DUP02-20200305

Tot Ion:136 Resp: 2483

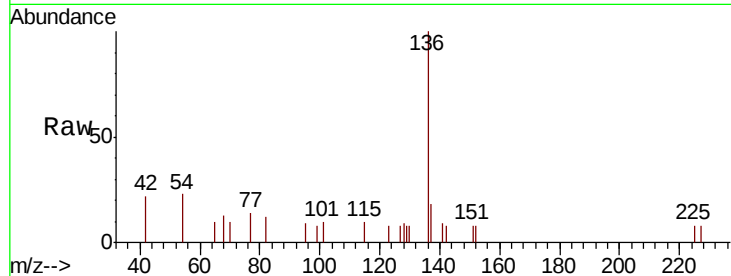
Ion Ratio Lower Upper

136 100

137 17.6 11.3 16.9#

54 22.9 13.4 20.2#

68 13.5 7.0 10.4#

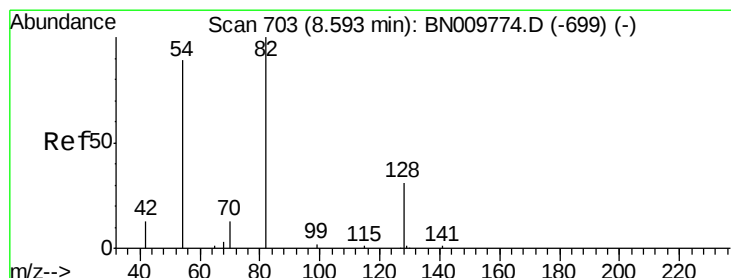
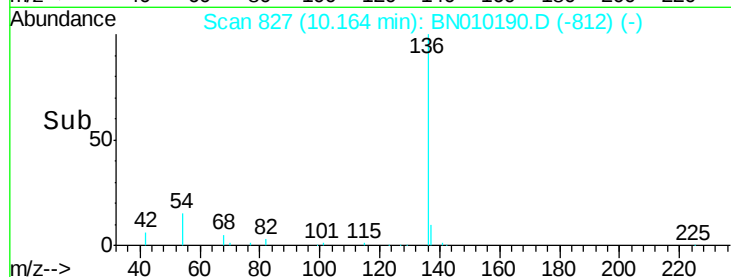
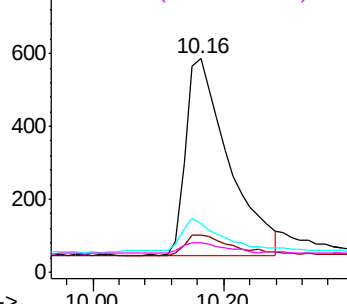


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.372 ng

RT: 8.63 min Scan# 706

Delta R.T. 0.04 min

Lab File: BN010190.D

Acq: 11 Mar 2020 13:33

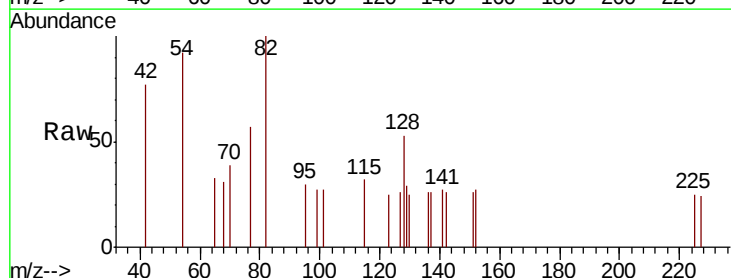
Tgt Ion: 82 Resp: 768

Ion Ratio Lower Upper

82 100

128 53.3 32.5 48.7#

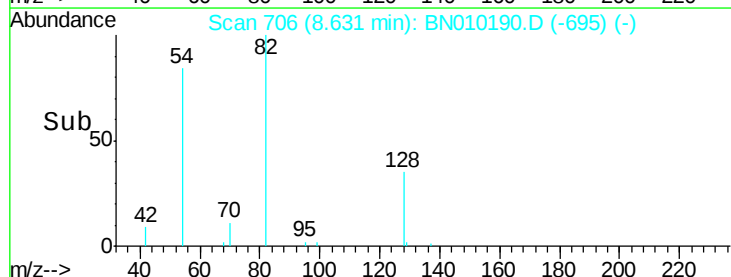
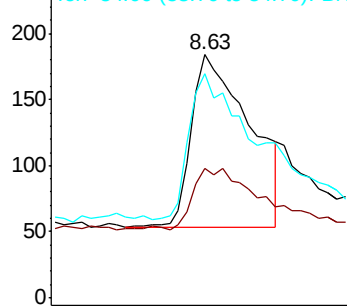
54 92.4 73.5 110.3

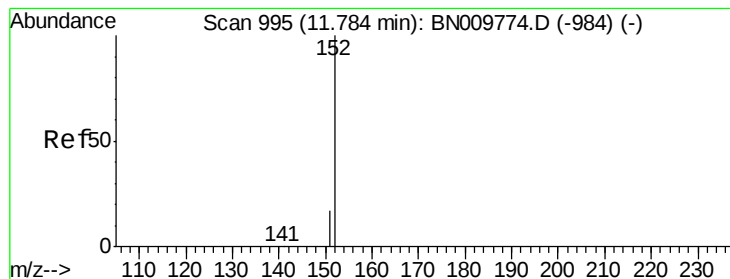


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#11

2-Methylnaphthalene-d10

Concen: 0.311 ng

RT: 11.77 min Scan# 992

Delta R.T. -0.01 min

Lab File: BN010190.D

Acq: 11 Mar 2020 13:33

Instrument :

BNA_N

ClientSampleId :

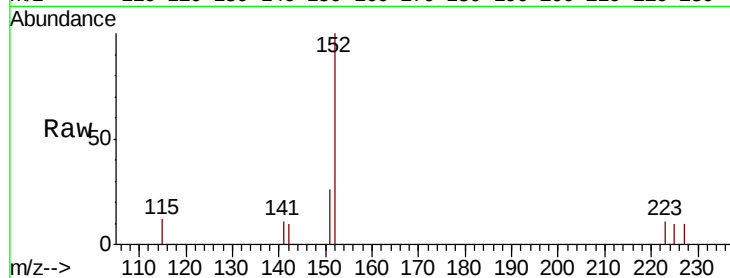
DUP02-20200305

Tot Ion:152 Resp: 1496

Ion Ratio Lower Upper

152 100

151 17.4 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.77

400

300

200

100

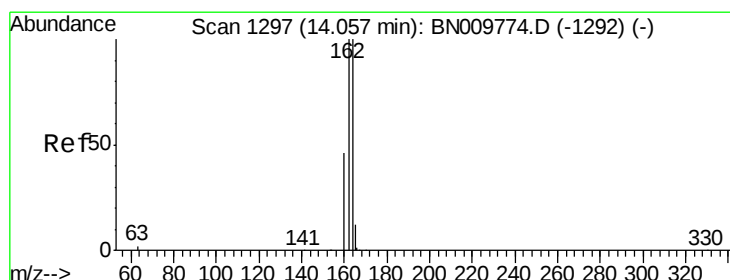
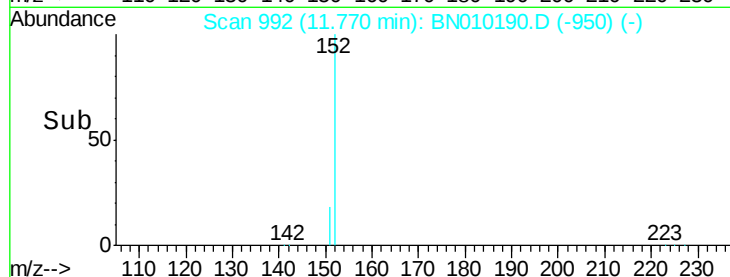
0

Time-->

11.70

11.80

11.90



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1292

Delta R.T. -0.06 min

Lab File: BN010190.D

Acq: 11 Mar 2020 13:33

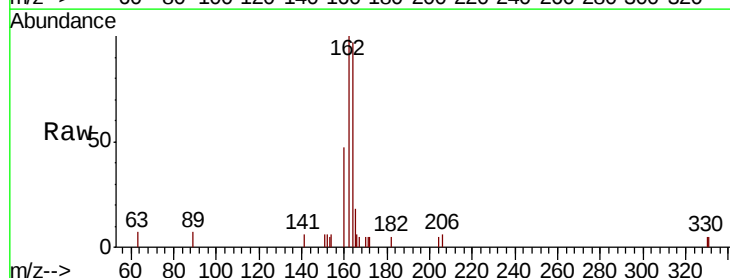
Tgt Ion:164 Resp: 1760

Ion Ratio Lower Upper

164 100

162 103.5 79.9 119.9

160 48.7 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

14.00

1200

1000

800

600

400

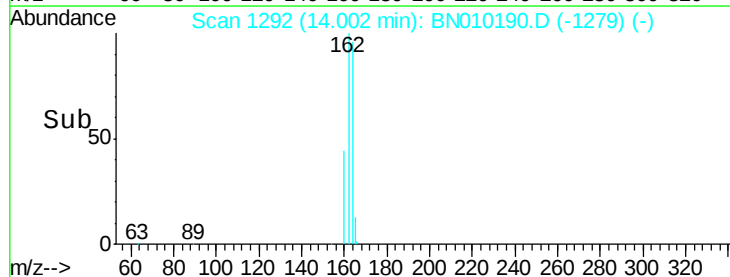
200

0

Time-->

14.00

14.20

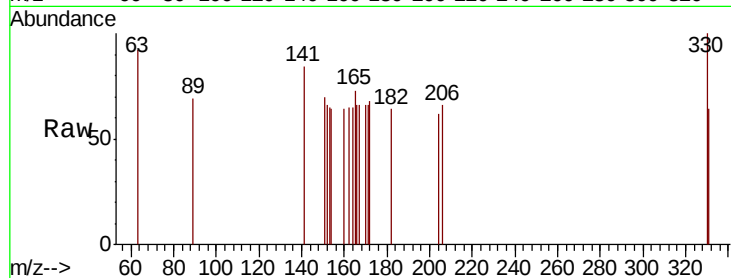




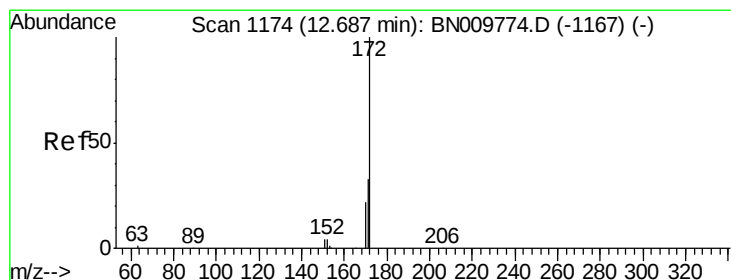
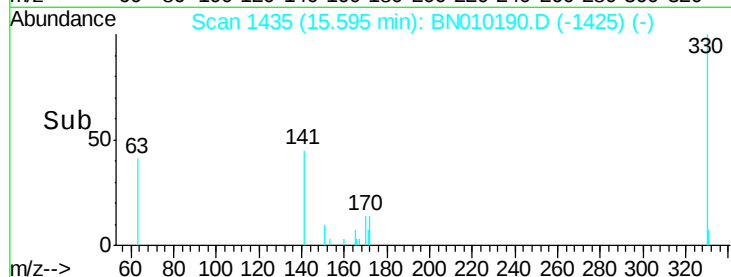
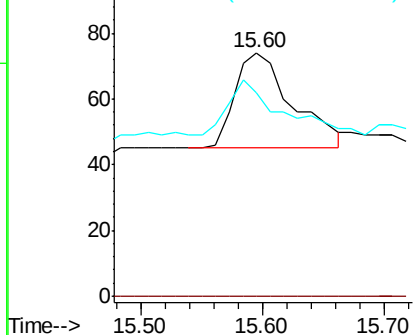
#14
2,4,6-Tribromophenol
Concen: 0.142 ng
RT: 15.60 min Scan# 1435
Delta R.T. 0.01 min
Lab File: BN010190.D
Acq: 11 Mar 2020 13:33

Instrument :
BNA_N
ClientSampleId :
DUP02-20200305

Tot Ion:330 Resp: 96
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 51.0 36.8 55.2

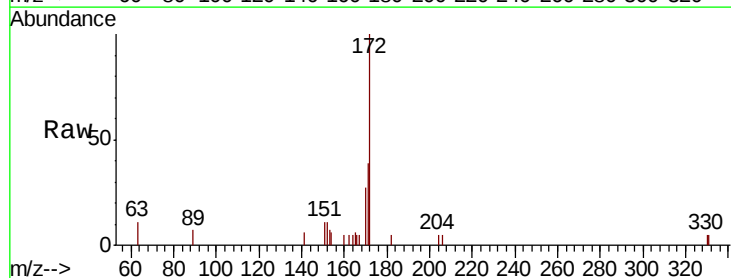


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

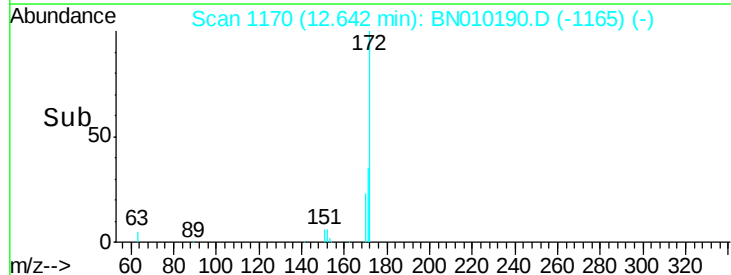
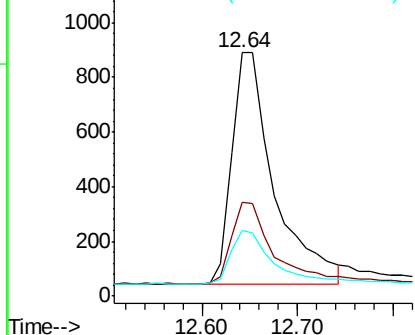


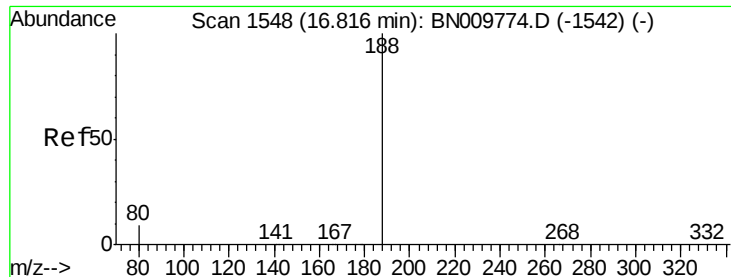
#15
2-Fluorobiphenyl
Concen: 0.392 ng
RT: 12.64 min Scan# 1170
Delta R.T. -0.04 min
Lab File: BN010190.D
Acq: 11 Mar 2020 13:33

Tgt Ion:172 Resp: 2605
Ion Ratio Lower Upper
172 100
171 38.6 28.7 43.1
170 27.2 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: 16.80 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BN010190.D

Acq: 11 Mar 2020 13:33

Instrument :

BNA_N

ClientSampleId :

DUP02-20200305

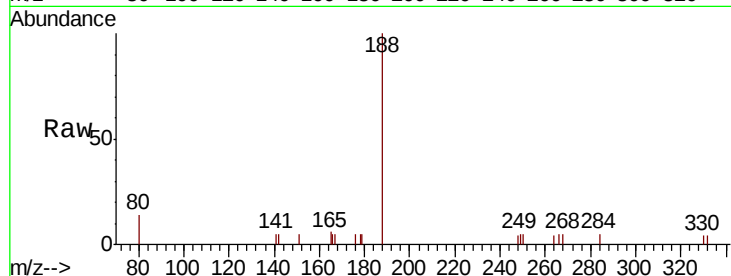
Tot Ion:188 Resp: 3109

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

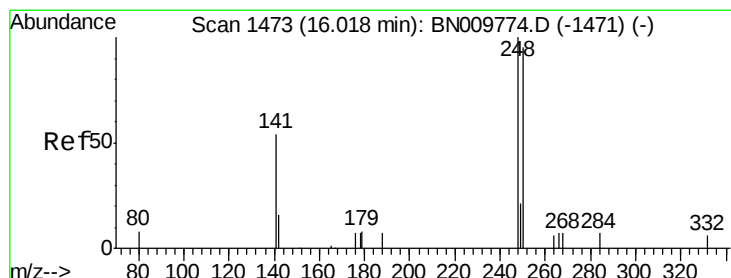
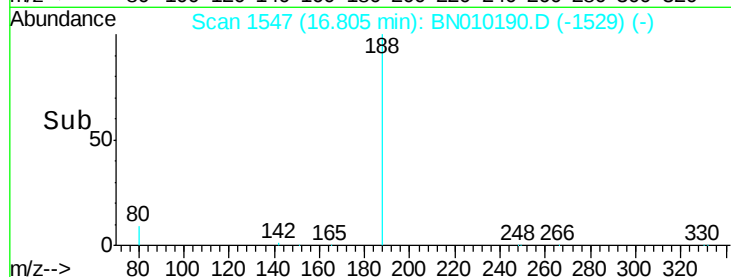
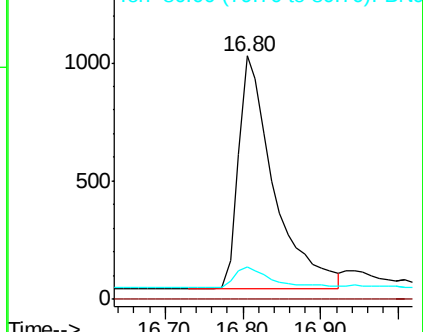
80 13.5 8.3 12.5#



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: 16.05 min Scan# 1476

Delta R.T. 0.03 min

Lab File: BN010190.D

Acq: 11 Mar 2020 13:33

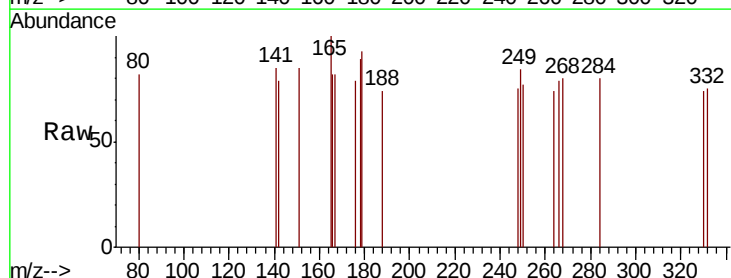
Tgt Ion:248 Resp: 174

Ion Ratio Lower Upper

248 100

250 102.2 76.2 114.4

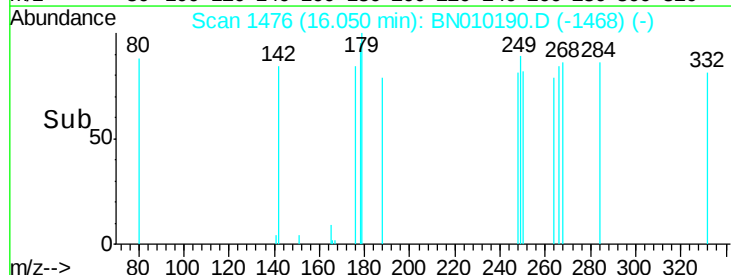
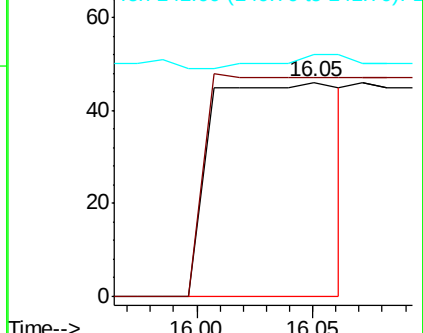
141 113.0 57.8 86.6#

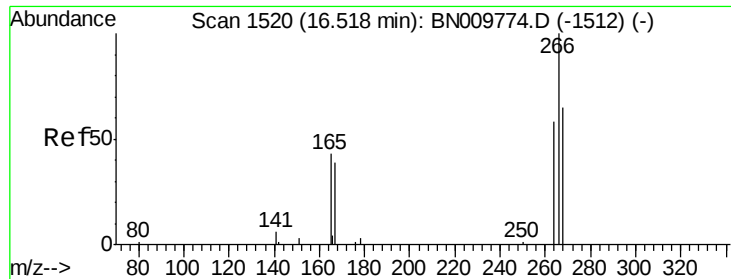


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

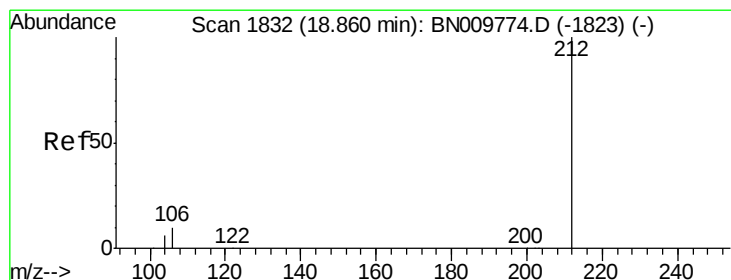
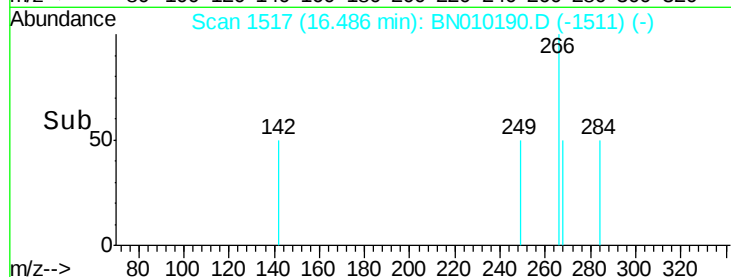
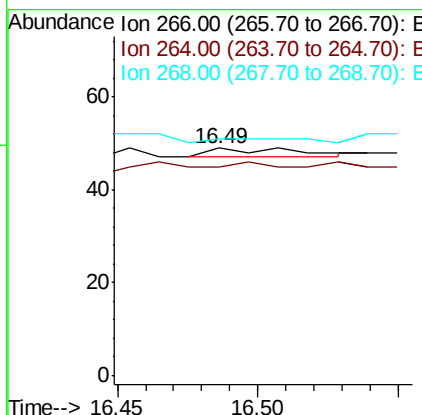
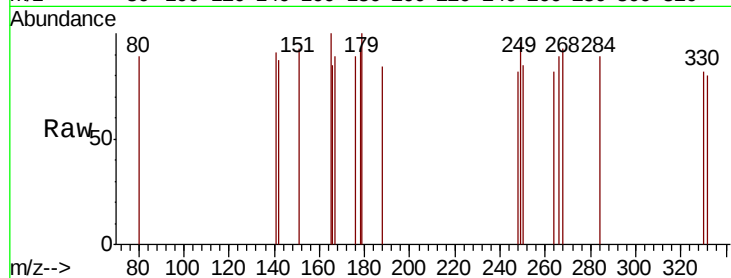




#22
 Pentachlorophenol
 Concen: 0.185 ng
 RT: 16.49 min Scan# 1517
 Delta R.T. -0.03 min
 Lab File: BN010190.D
 Acq: 11 Mar 2020 13:33

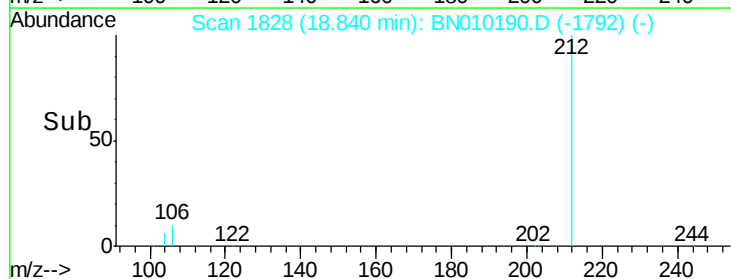
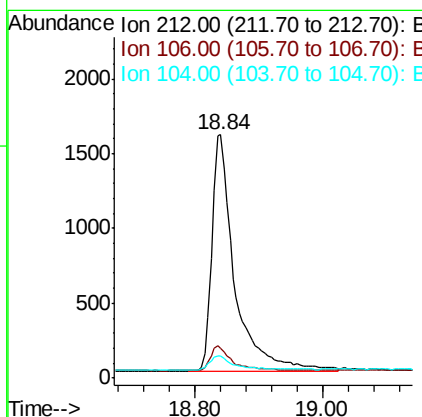
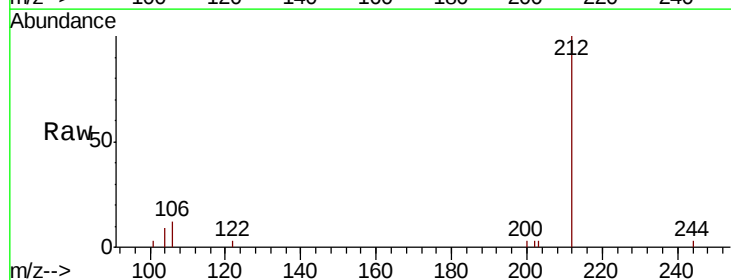
Instrument :
 BNA_N
 ClientSampleId :
 DUP02-20200305

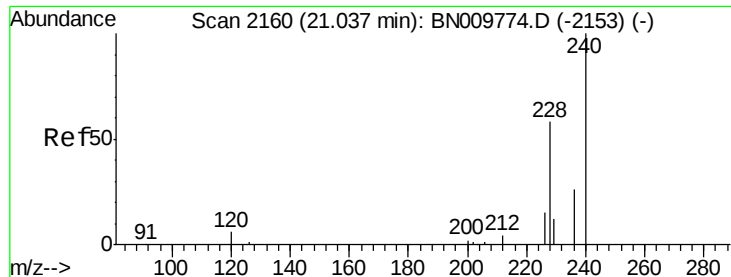
Tot Ion:266 Resp: 4
 Ion Ratio Lower Upper
 266 100
 264 91.8 58.1 87.1#
 268 104.1 65.7 98.5#



#25
 Fluoranthene-d10
 Concen: 0.365 ng
 RT: 18.84 min Scan# 1828
 Delta R.T. -0.02 min
 Lab File: BN010190.D
 Acq: 11 Mar 2020 13:33

Tgt Ion:212 Resp: 3930
 Ion Ratio Lower Upper
 212 100
 106 9.7 8.4 12.6
 104 5.9 4.8 7.2





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.03 min

Lab File: BN010190.D

Acq: 11 Mar 2020 13:33

Instrument :

BNA_N

ClientSampleId :

DUP02-20200305

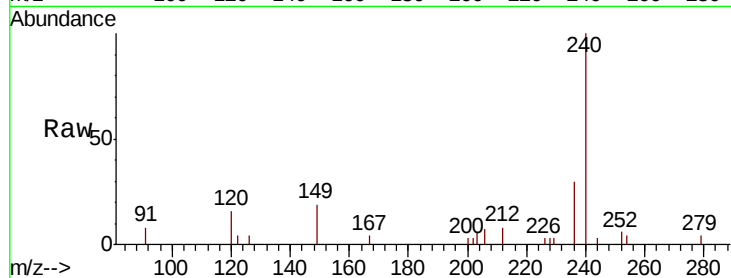
Tot Ion:240 Resp: 4523

Ion Ratio Lower Upper

240 100

120 16.2 7.9 11.9#

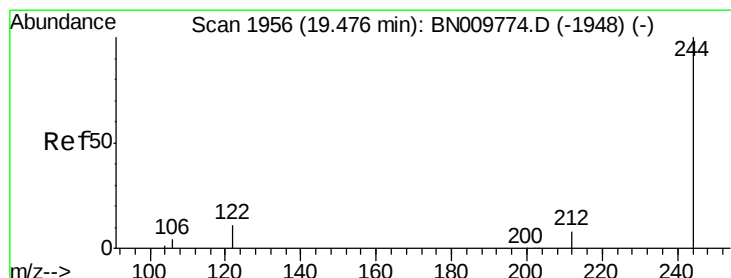
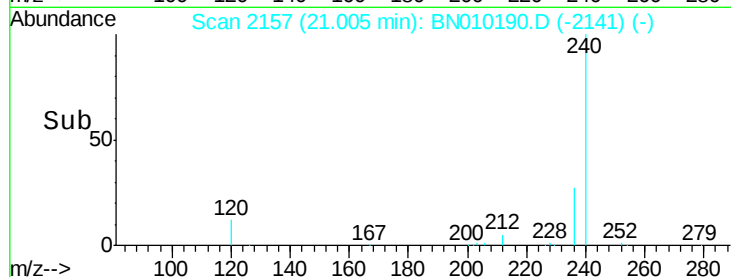
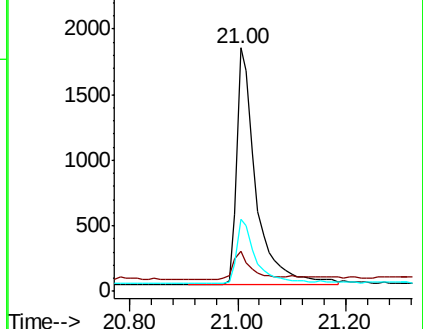
236 29.6 22.0 33.0



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: 0.408 ng

RT: 19.44 min Scan# 1949

Delta R.T. -0.03 min

Lab File: BN010190.D

Acq: 11 Mar 2020 13:33

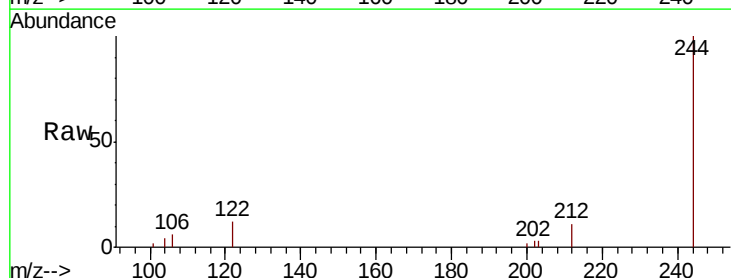
Tgt Ion:244 Resp: 4409

Ion Ratio Lower Upper

244 100

212 10.7 8.0 12.0

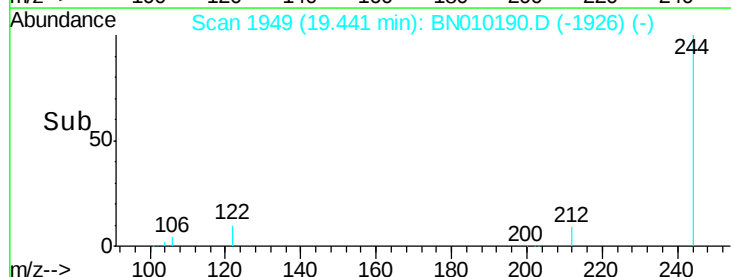
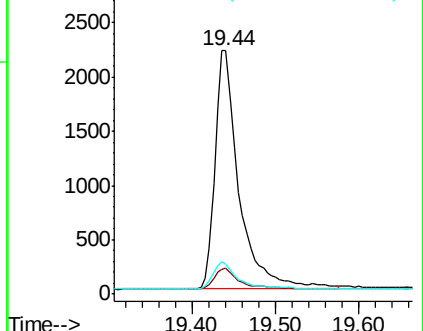
122 12.2 10.0 15.0

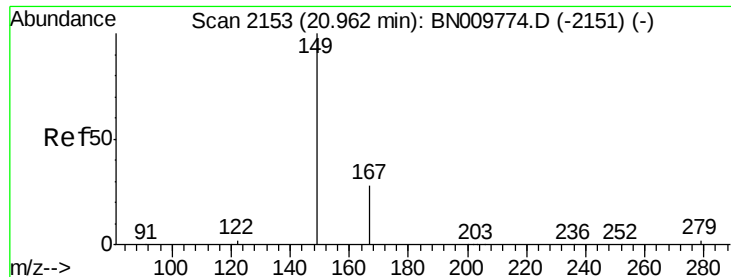


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

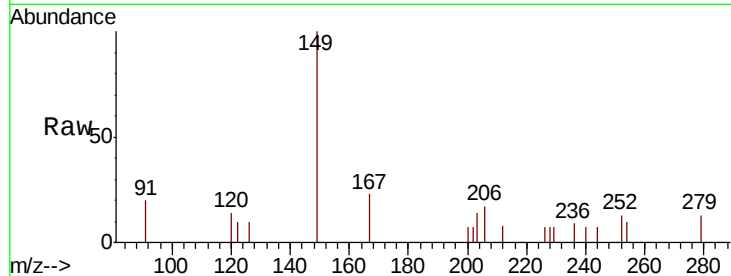




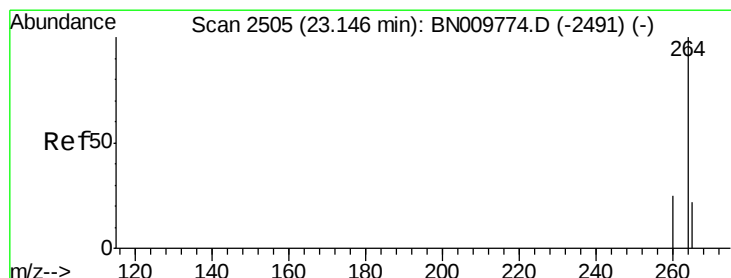
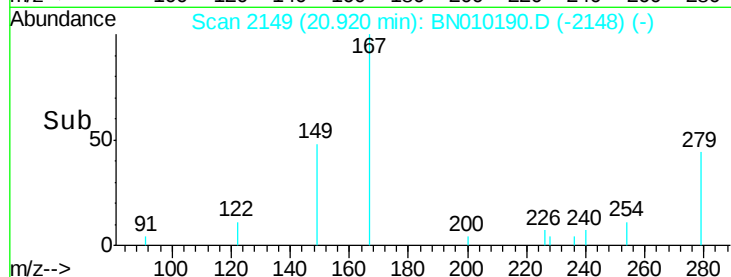
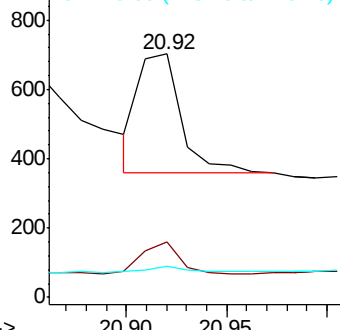
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.070 ng
 RT: 20.92 min Scan# 2149
 Delta R.T. -0.04 min
 Lab File: BN010190.D
 Acq: 11 Mar 2020 13:33

Instrument :
 BNA_N
 ClientSampleId :
 DUP02-20200305

Tot Ion:149 Resp: 511
 Ion Ratio Lower Upper
 149 100
 167 22.5 22.7 34.1#
 279 3.3 3.1 4.7

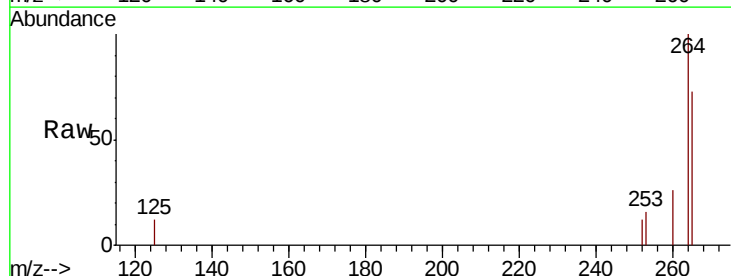


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.11 min Scan# 2494
 Delta R.T. -0.04 min
 Lab File: BN010190.D
 Acq: 11 Mar 2020 13:33

Tgt Ion:264 Resp: 3574
 Ion Ratio Lower Upper
 264 100
 260 26.3 21.1 31.7
 265 73.0 57.5 86.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

