

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
 Data File : BN010184.D
 Acq On : 11 Mar 2020 09:56
 Operator : CG/JU
 Sample : L1842-25
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 11 13:26:44 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

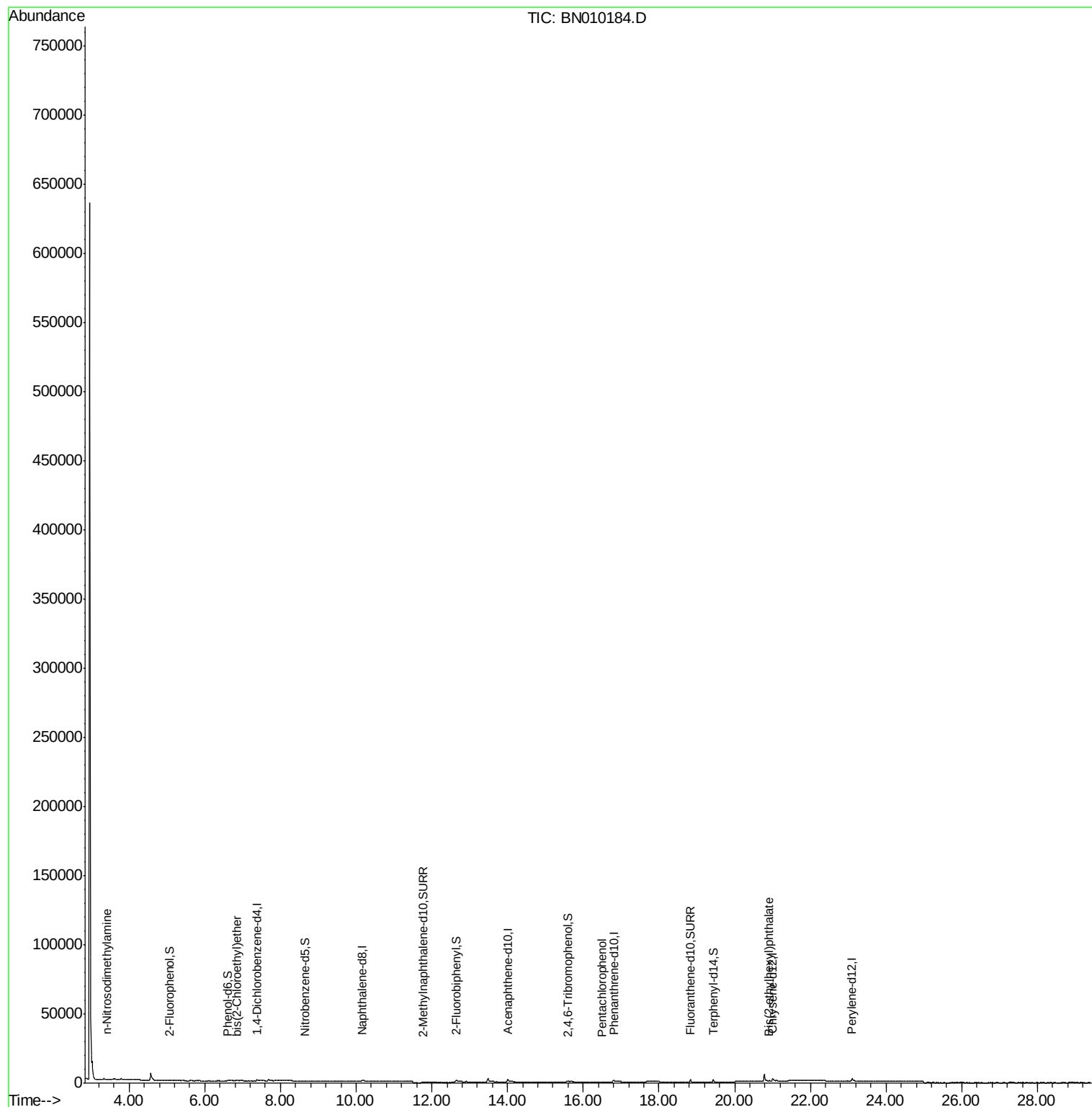
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	843	0.40	ng	-0.05
7) Naphthalene-d8	10.16	136	3006	0.40	ng	-0.01
13) Acenaphthene-d10	14.00	164	1626	0.40	ng	-0.06
19) Phenanthrene-d10	16.80	188	3147	0.40	ng	-0.01
27) Chrysene-d12	21.01	240	3391	0.40	ng	-0.03
34) Perylene-d12	23.10	264	3626	0.40	ng	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	343	0.18	ng	-0.02
5) Phenol-d6	6.60	99	262	0.11	ng	-0.05
8) Nitrobenzene-d5	8.66	82	789	0.32	ng	0.06
11) 2-Methylnaphthalene-d10	11.77	152	1446	0.25	ng	-0.01
14) 2,4,6-Tribromophenol	15.58	330	158	0.25	ng	0.00
15) 2-Fluorobiphenyl	12.64	172	2247	0.37	ng	-0.05
25) Fluoranthene-d10	18.83	212	3930	0.36	ng	-0.03
29) Terphenyl-d14	19.43	244	3461	0.43	ng	-0.04
Target Compounds						
3) n-Nitrosodimethylamine	3.41	42	74	0.052	ng	# 1
6) bis(2-Chloroethyl)ether	6.86	93	96	0.043	ng	# 71
20) 4-Bromophenyl-phenylether	16.01	248	118	Below Cal		# 80
22) Pentachlorophenol	16.50	266	3	0.183	ng	# 75
32) Bis(2-ethylhexyl)phthalate	20.91	149	353	0.064	ng	# 79

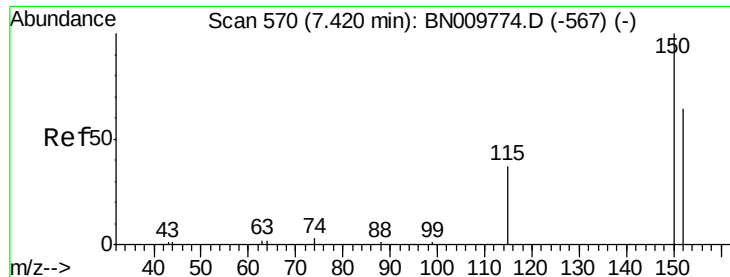
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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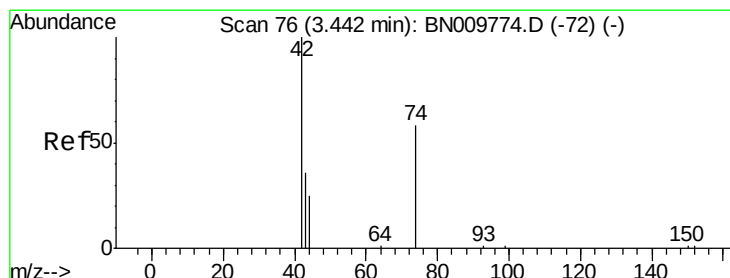
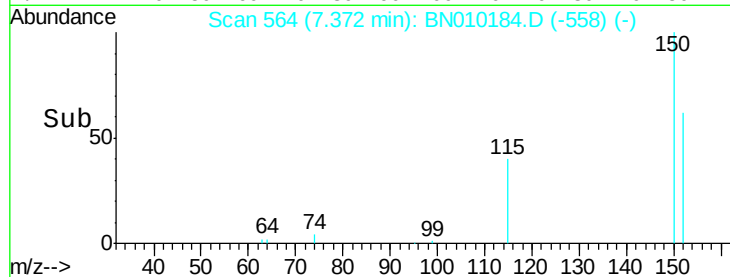
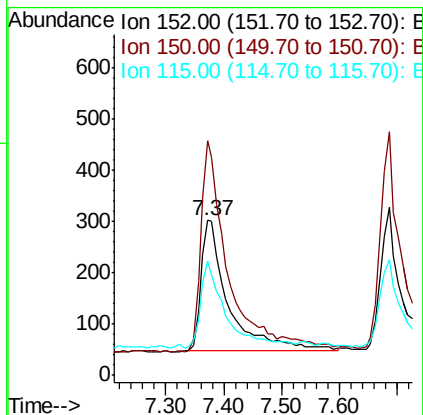
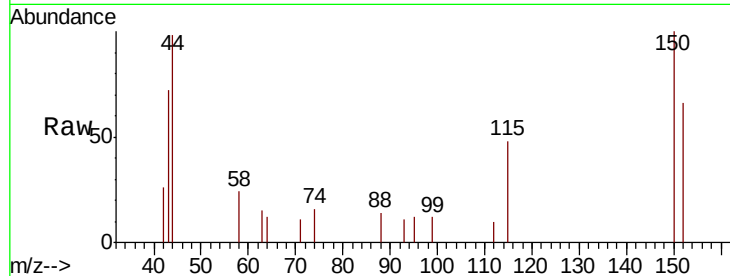


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 564
Delta R.T. -0.05 min
Lab File: BN010184.D
Acq: 11 Mar 2020 09:56

Instrument :
BNA_N
ClientSampleId :

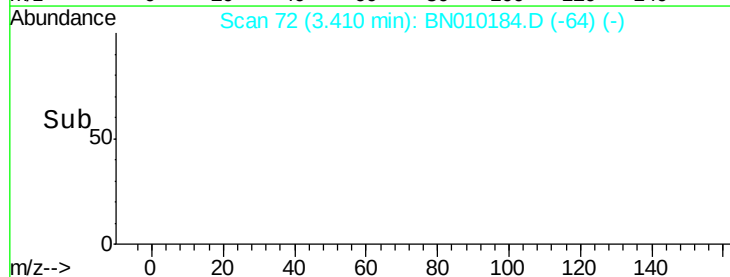
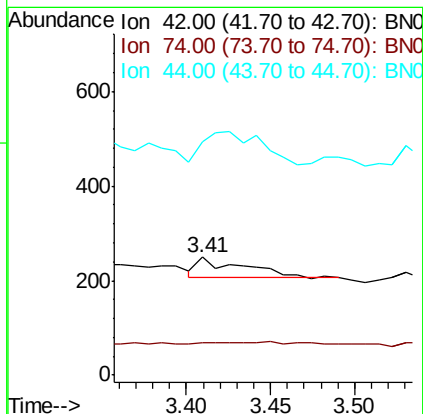
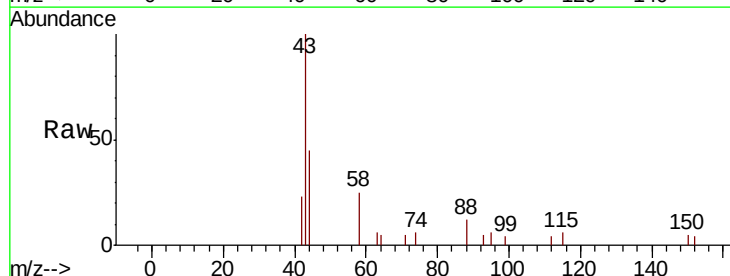
Tot Ion:152 Resp: 843
Ion Ratio Lower Upper
152 100
150 151.7 120.6 181.0
115 73.5 51.2 76.8

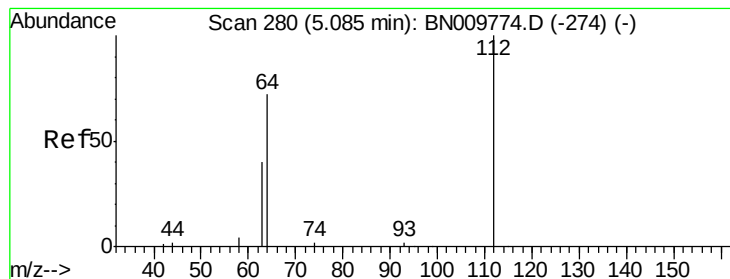


#3

n-Nitrosodimethylamine
Concen: 0.052 ng
RT: 3.41 min Scan# 72
Delta R.T. -0.03 min
Lab File: BN010184.D
Acq: 11 Mar 2020 09:56

Tgt Ion: 42 Resp: 74
Ion Ratio Lower Upper
42 100
74 6.8 51.2 76.8#
44 228.4 2.6 4.0#





#4

2-Fluorophenol

Concen: 0.183 ng

RT: 5.06 min Scan# 277

Delta R.T. -0.02 min

Lab File: BN010184.D

Acq: 11 Mar 2020 09:56

Instrument :

BNA_N

ClientSampled :

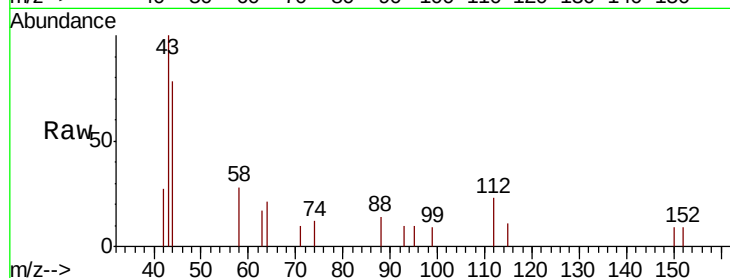
Tot Ion: 112 Resp: 343

Ion Ratio Lower Upper

112 100

64 80.8 65.8 98.6

63 46.1 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

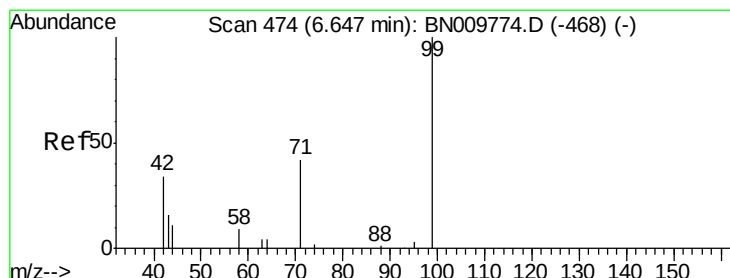
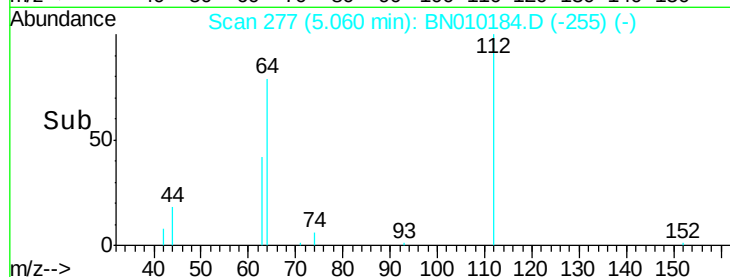
5.06

100

50

0

Time-->



#5

Phenol-d6

Concen: 0.115 ng

RT: 6.60 min Scan# 468

Delta R.T. -0.05 min

Lab File: BN010184.D

Acq: 11 Mar 2020 09:56

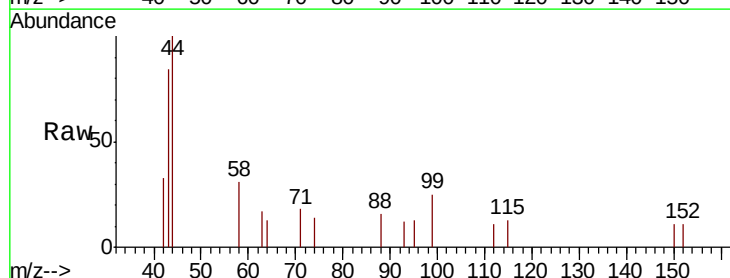
Tgt Ion: 99 Resp: 262

Ion Ratio Lower Upper

99 100

42 56.1 30.8 46.2#

71 28.6 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

6.60

200

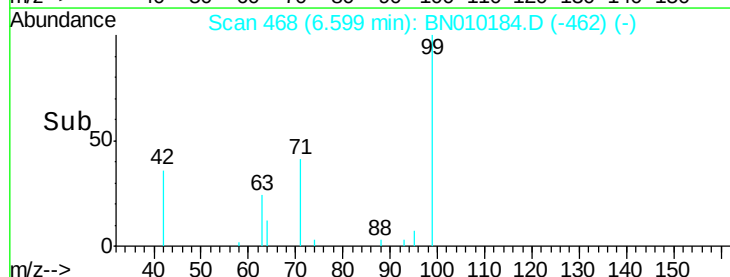
150

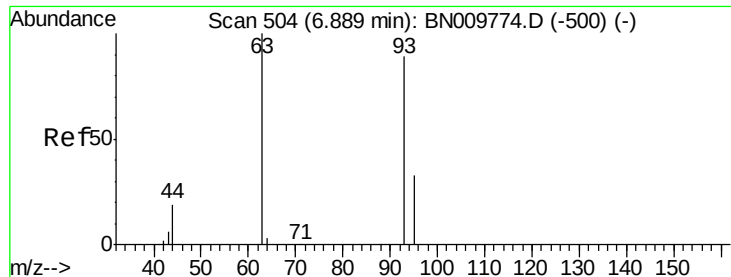
100

50

0

Time-->





#6

bis(2-Chloroethyl)ether

Concen: 0.043 ng

RT: 6.86 min Scan# 500

Delta R.T. -0.03 min

Lab File: BN010184.D

Acq: 11 Mar 2020 09:56

Instrument :

BNA_N

ClientSampleId :

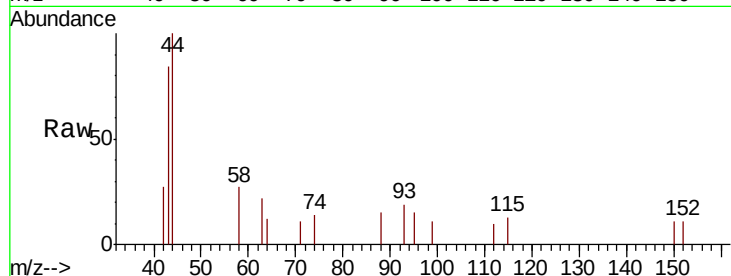
Tot Ion: 93 Resp: 96

Ion Ratio Lower Upper

93 100

63 110.4 74.0 111.0

95 0.0 26.7 40.1#



Abundance Ion 93.00 (92.70 to 93.70): BN009774.D (-500) (-)

Ion 63.00 (62.70 to 63.70): BN009774.D (-500) (-)

Ion 95.00 (94.70 to 95.70): BN009774.D (-500) (-)

6.86

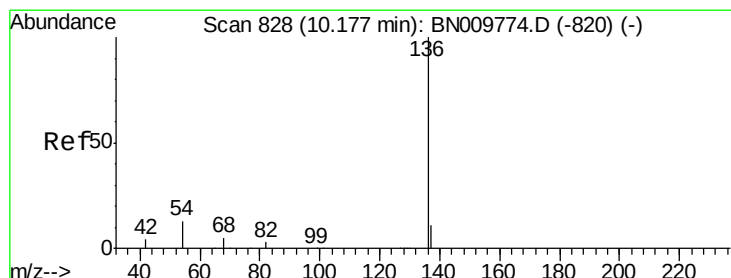
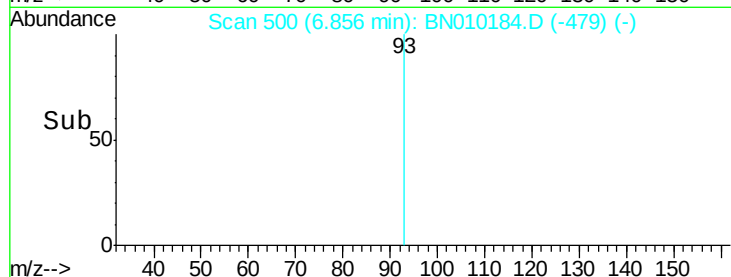
100

50

0

6.75 6.80 6.85 6.90

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 827

Delta R.T. -0.01 min

Lab File: BN010184.D

Acq: 11 Mar 2020 09:56

Tgt Ion: 136 Resp: 3006

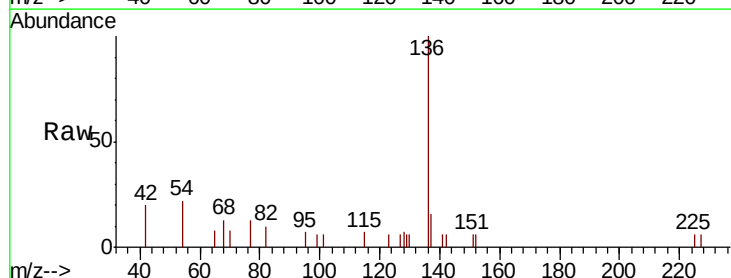
Ion Ratio Lower Upper

136 100

137 15.9 11.3 16.9

54 22.1 13.4 20.2#

68 13.2 7.0 10.4#



Abundance Ion 136.00 (135.70 to 136.70): BN009774.D (-820) (-)

Ion 137.00 (136.70 to 137.70): BN009774.D (-820) (-)

Ion 54.00 (53.70 to 54.70): BN009774.D (-820) (-)

Ion 68.00 (67.70 to 68.70): BN009774.D (-820) (-)

10.16

1200

1000

800

600

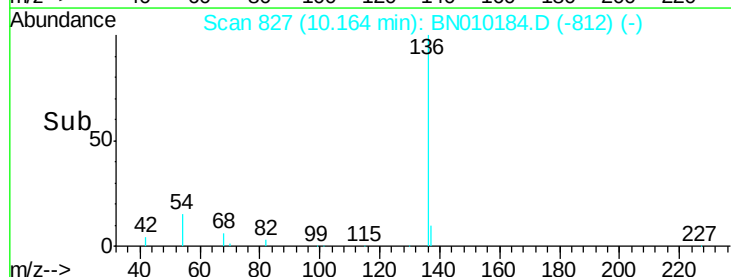
400

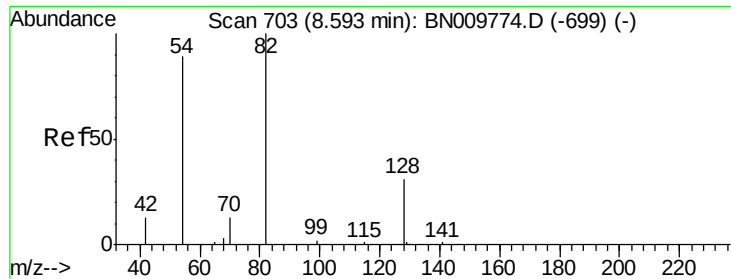
200

0

10.10 10.20 10.30

Time-->

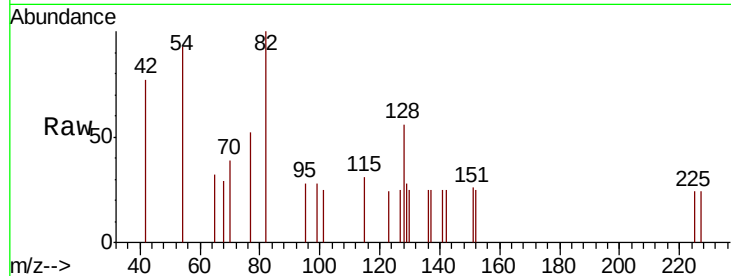




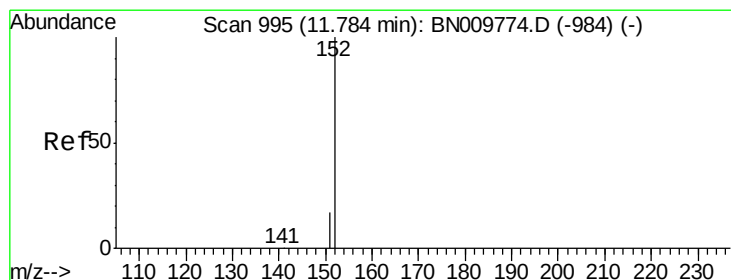
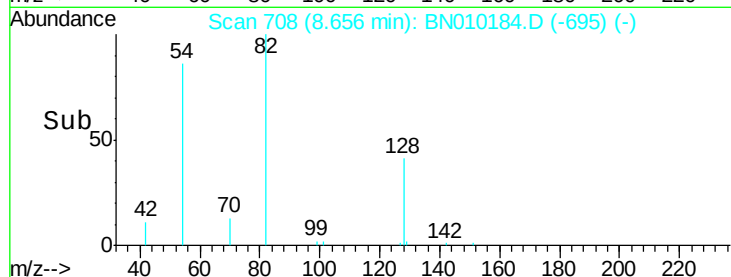
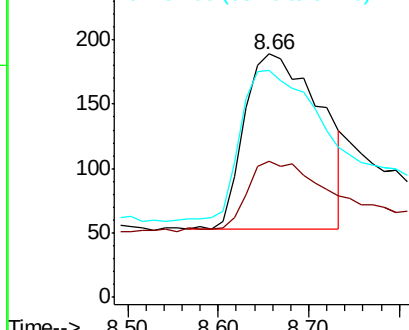
#8
 Nitrobenzene-d5
 Concen: 0.315 ng
 RT: 8.66 min Scan# 708
 Delta R.T. 0.06 min
 Lab File: BN010184.D
 Acq: 11 Mar 2020 09:56

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion: 82 Resp: 789
 Ion Ratio Lower Upper
 82 100
 128 56.1 32.5 48.7#
 54 93.1 73.5 110.3

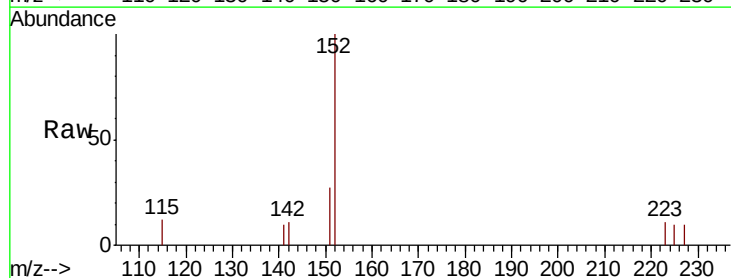


Abundance Ion 82.00 (81.70 to 82.70): BN0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BN0

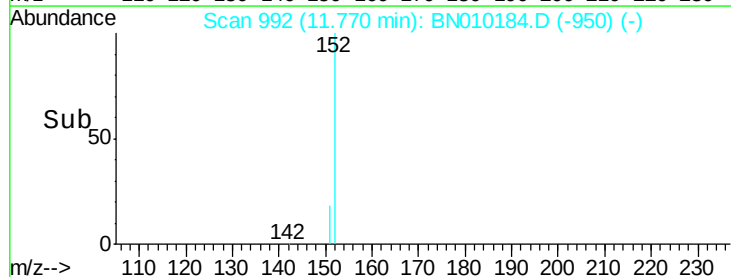
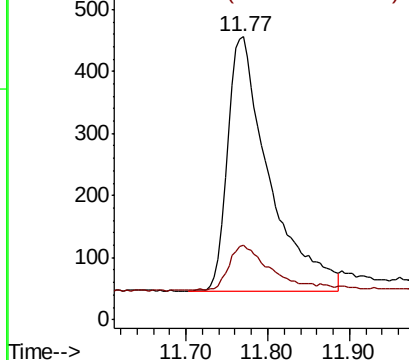


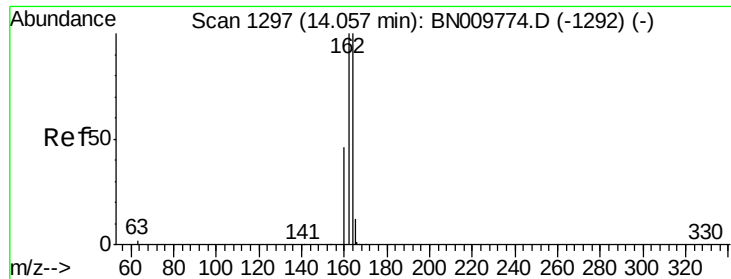
#11
 2-Methylnaphthalene-d10
 Concen: 0.249 ng
 RT: 11.77 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BN010184.D
 Acq: 11 Mar 2020 09:56

Tgt Ion: 152 Resp: 1446
 Ion Ratio Lower Upper
 152 100
 151 17.2 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: 14.00 min Scan# 1291

Delta R.T. -0.06 min

Lab File: BN010184.D

Acq: 11 Mar 2020 09:56

Instrument :

BNA_N

ClientSampleId :

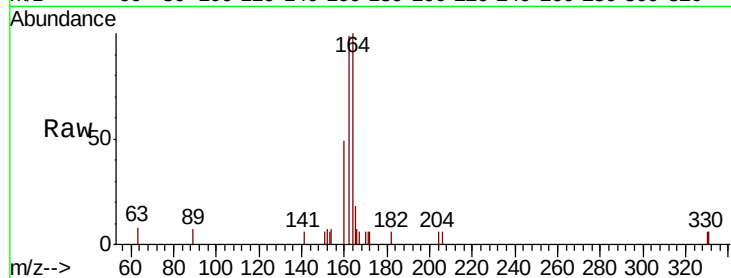
Tot Ion:164 Resp: 1626

Ion Ratio Lower Upper

164 100

162 98.6 79.9 119.9

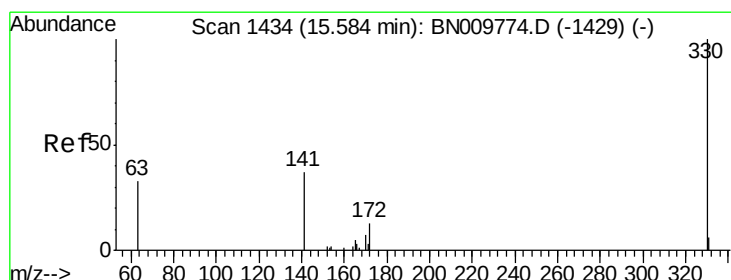
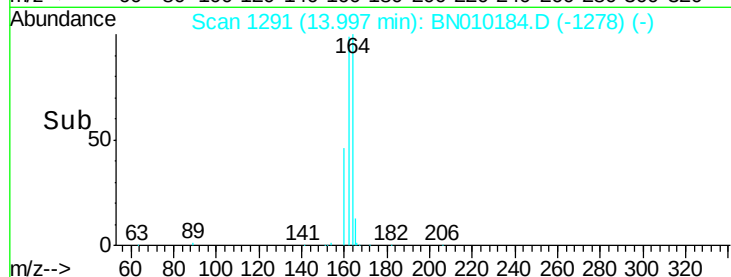
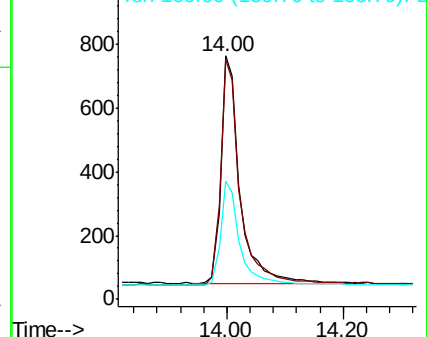
160 48.6 38.2 57.2



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: 0.252 ng

RT: 15.58 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BN010184.D

Acq: 11 Mar 2020 09:56

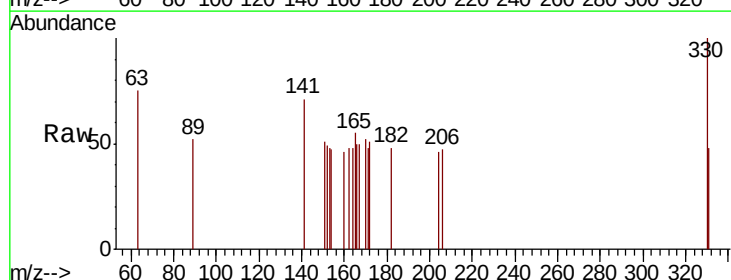
Tgt Ion:330 Resp: 158

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

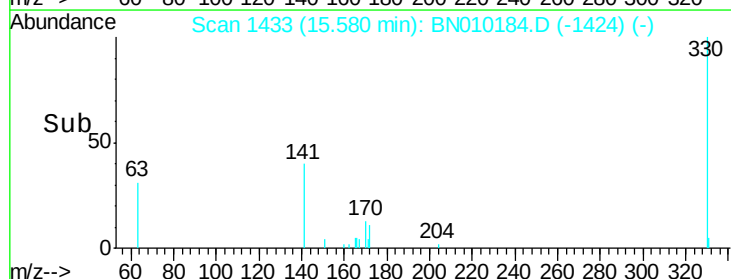
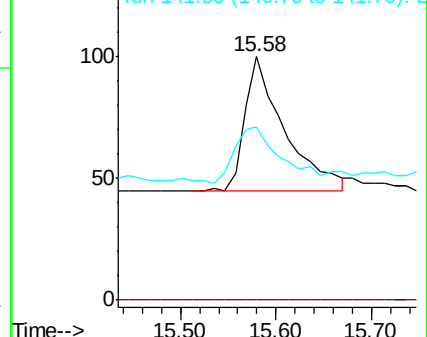
141 50.6 36.8 55.2

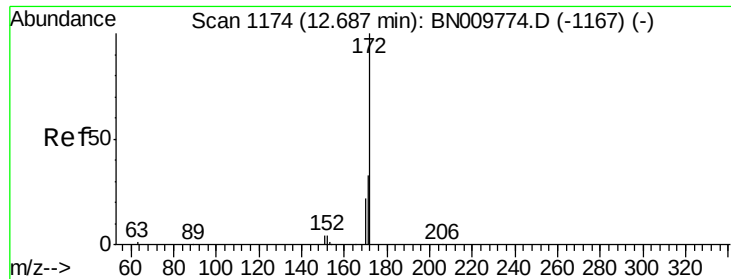


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

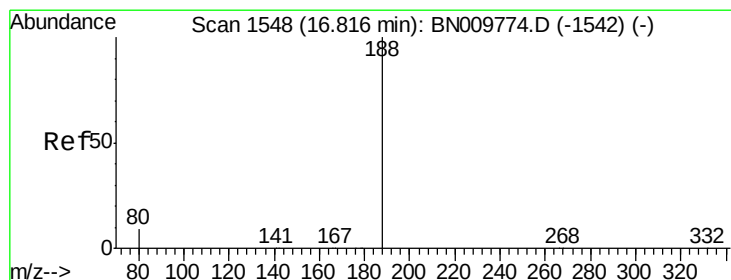
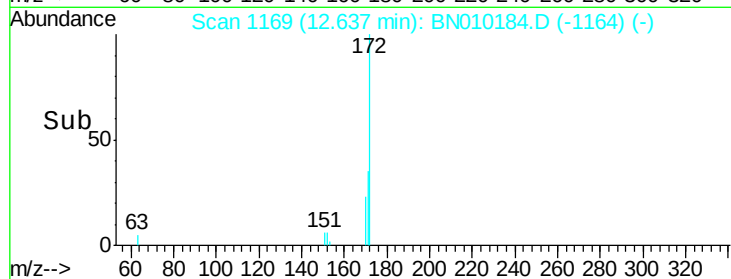
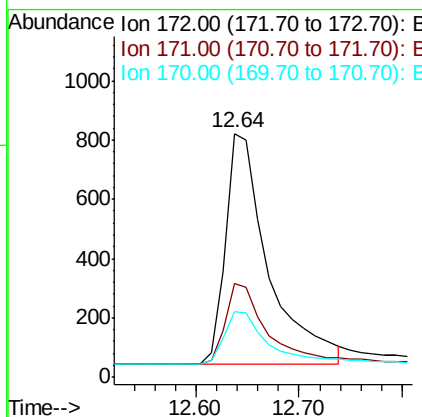
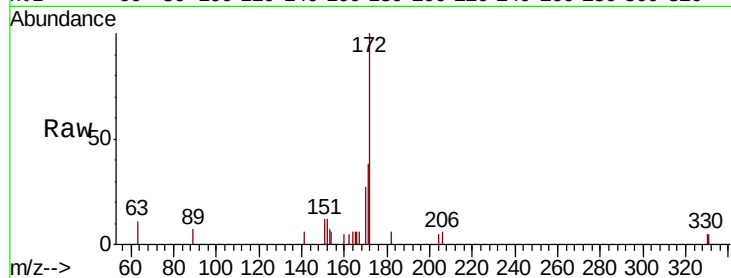




#15
2-Fluorobiphenyl
Concen: 0.366 ng
RT: 12.64 min Scan# 1169
Delta R.T. -0.05 min
Lab File: BN010184.D
Acq: 11 Mar 2020 09:56

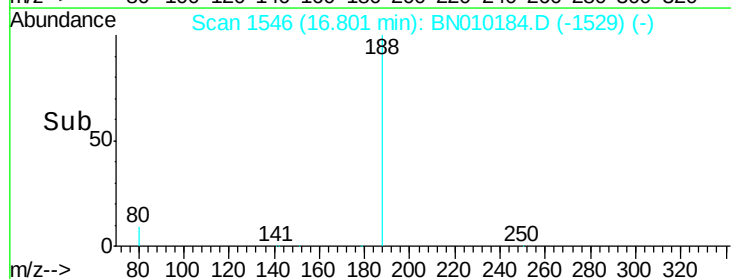
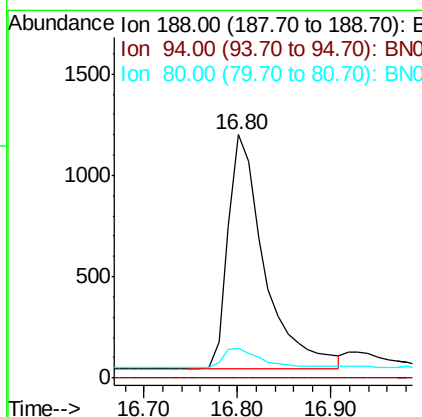
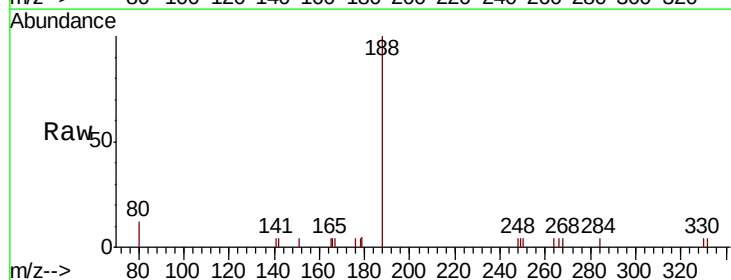
Instrument :
BNA_N
ClientSampled :

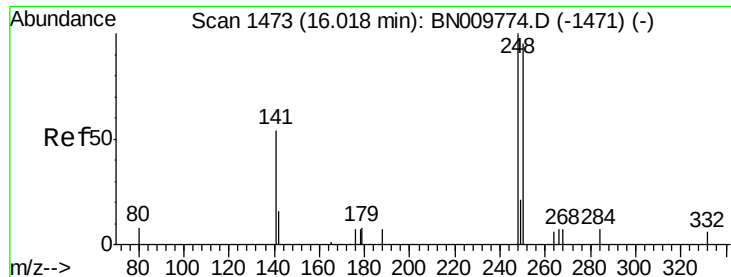
Tot Ion:172 Resp: 2247
Ion Ratio Lower Upper
172 100
171 38.4 28.7 43.1
170 26.8 20.1 30.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BN010184.D
Acq: 11 Mar 2020 09:56

Tgt Ion:188 Resp: 3147
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.5 8.3 12.5#

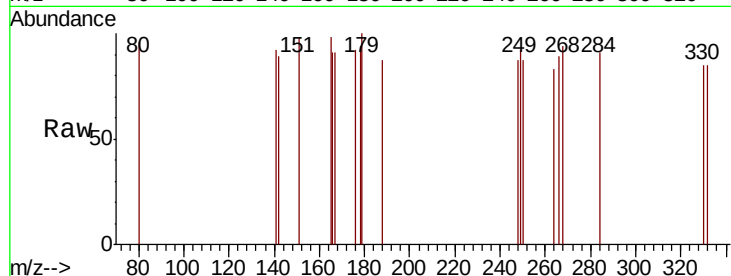




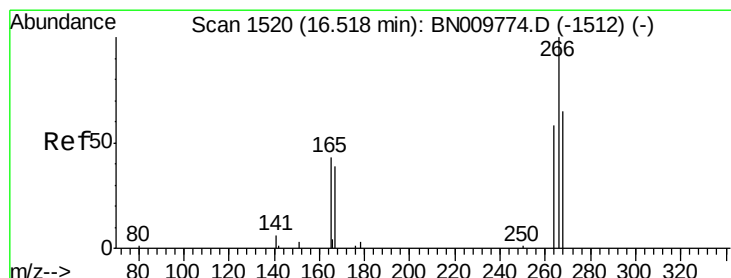
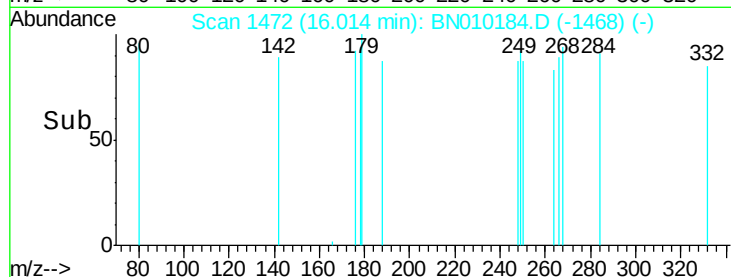
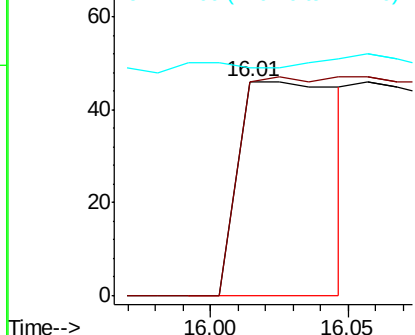
#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.01 min Scan# 1472
Delta R.T. -0.00 min
Lab File: BN010184.D
Acq: 11 Mar 2020 09:56

Instrument :
BNA_N
ClientSampled :

Tot Ion:248 Resp: 118
Ion Ratio Lower Upper
248 100
250 100.0 76.2 114.4
141 106.5 57.8 86.6#

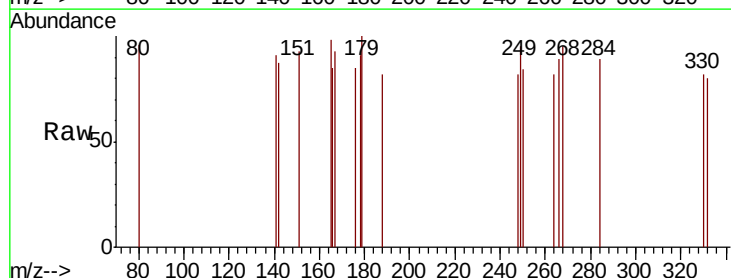


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

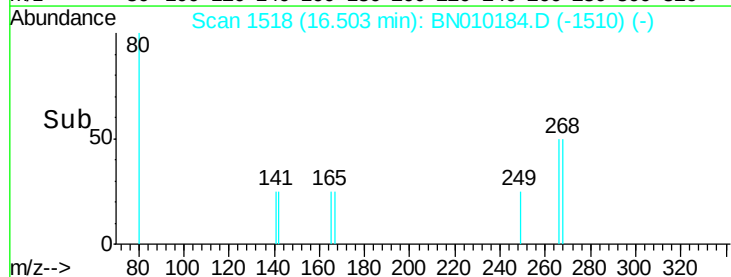
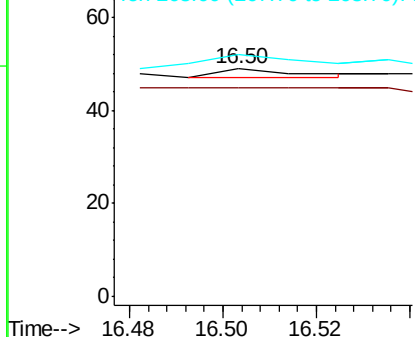


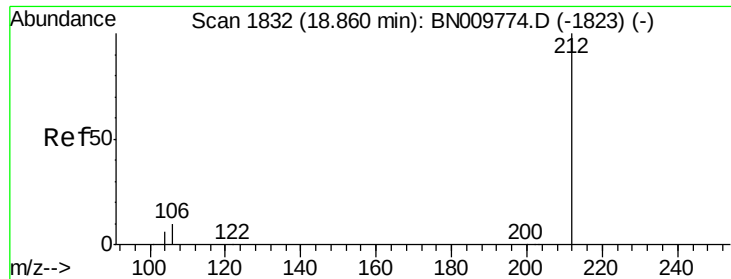
#22
Pentachlorophenol
Concen: 0.183 ng
RT: 16.50 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BN010184.D
Acq: 11 Mar 2020 09:56

Tgt Ion:266 Resp: 3
Ion Ratio Lower Upper
266 100
264 91.8 58.1 87.1#
268 106.1 65.7 98.5#



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.361 ng

RT: 18.83 min Scan# 1825

Delta R.T. -0.03 min

Lab File: BN010184.D

Acq: 11 Mar 2020 09:56

Instrument :

BNA_N

ClientSampleId :

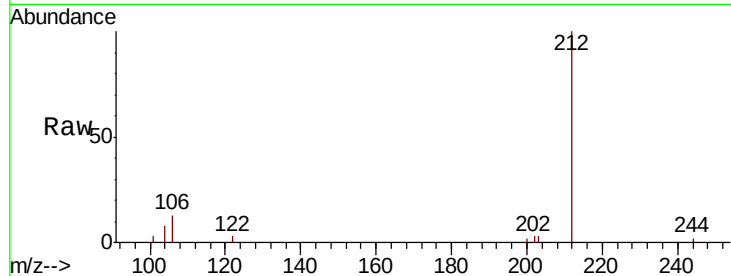
Tot Ion:212 Resp: 3930

Ion Ratio Lower Upper

212 100

106 10.3 8.4 12.6

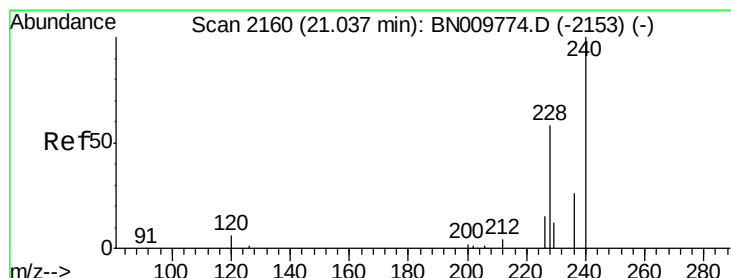
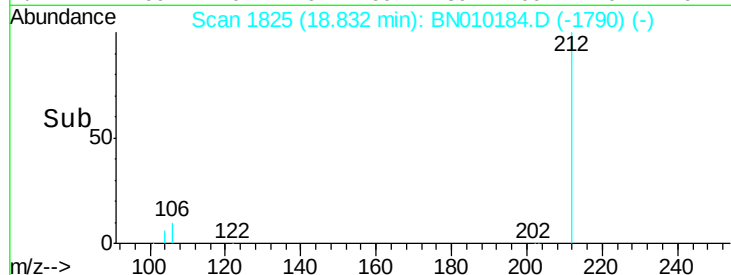
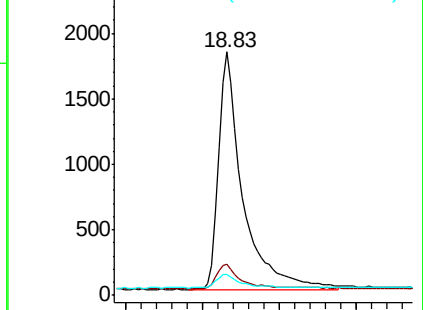
104 6.3 4.8 7.2



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



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.01 min Scan# 2156

Delta R.T. -0.03 min

Lab File: BN010184.D

Acq: 11 Mar 2020 09:56

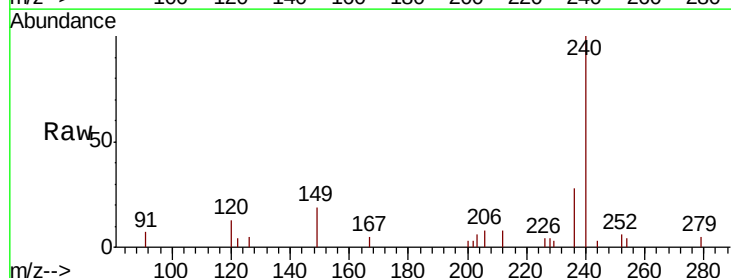
Tgt Ion:240 Resp: 3391

Ion Ratio Lower Upper

240 100

120 12.8 7.9 11.9#

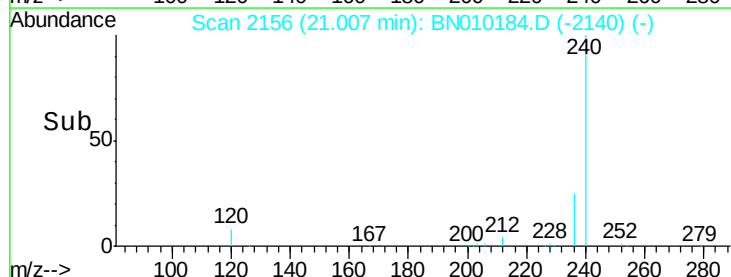
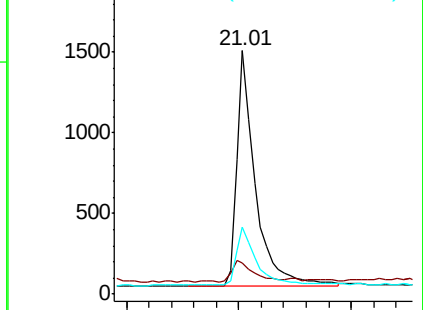
236 27.5 22.0 33.0

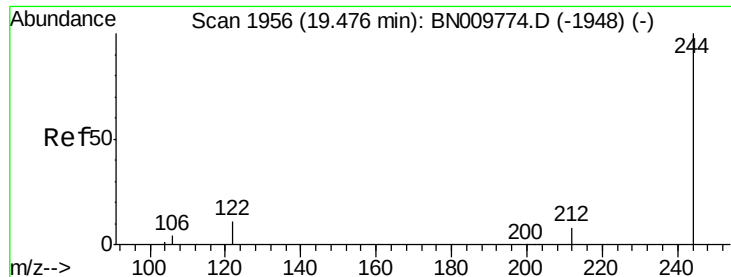


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.427 ng

RT: 19.43 min Scan# 1946

Delta R.T. -0.04 min

Lab File: BN010184.D

Acq: 11 Mar 2020 09:56

Instrument :

BNA_N

ClientSampleId :

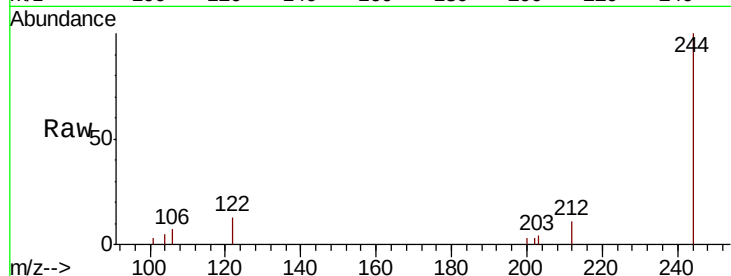
Tot Ion:244 Resp: 3461

Ion Ratio Lower Upper

244 100

212 11.1 8.0 12.0

122 13.4 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

19.43

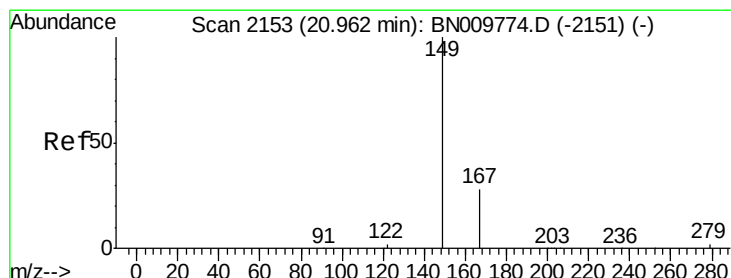
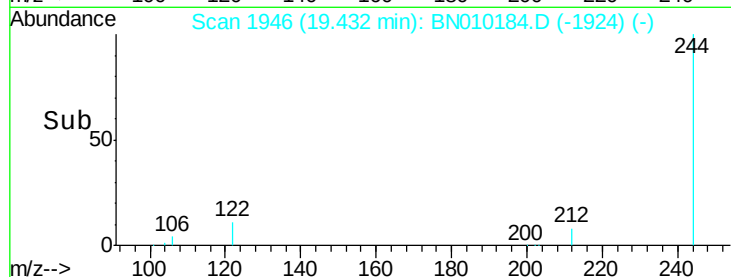
1500

1000

500

0

Time--> 19.30 19.40 19.50 19.60



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.064 ng

RT: 20.91 min Scan# 2147

Delta R.T. -0.05 min

Lab File: BN010184.D

Acq: 11 Mar 2020 09:56

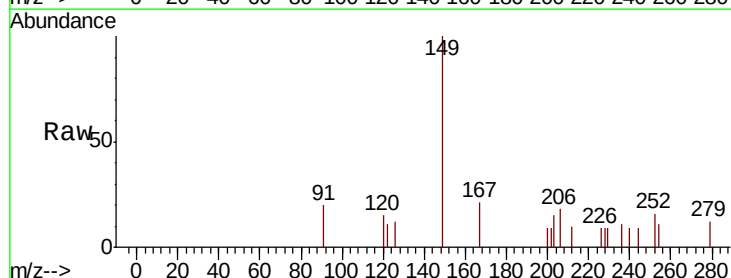
Tgt Ion:149 Resp: 353

Ion Ratio Lower Upper

149 100

167 15.6 22.7 34.1#

279 3.4 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

20.91

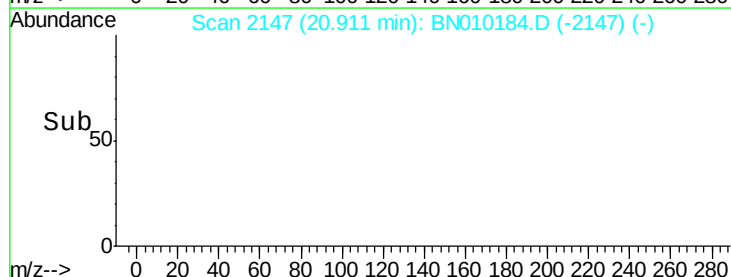
600

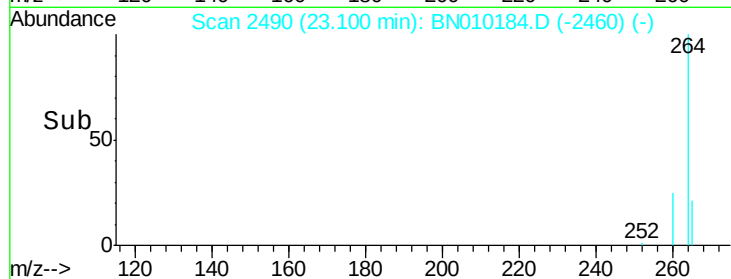
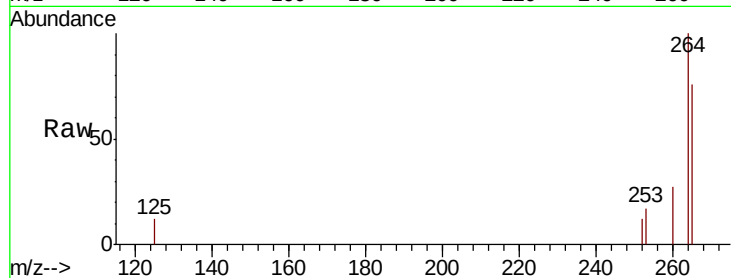
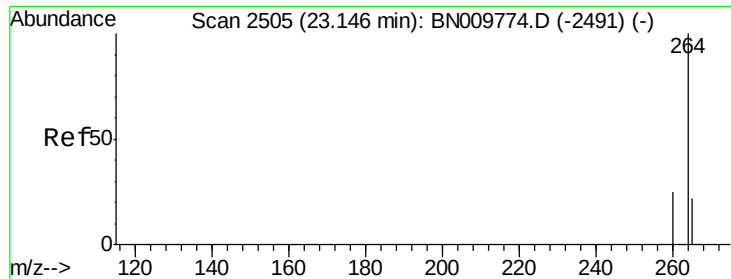
400

200

0

Time--> 20.90 20.95





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.10 min Scan# 2490

Delta R.T. -0.05 min

Lab File: BN010184.D

Acq: 11 Mar 2020 09:56

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 264 Resp: 3626

Ion Ratio Lower Upper

264 100

260 26.5 21.1 31.7

265 76.1 57.5 86.3

