

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031720\
 Data File : BN010235.D
 Acq On : 17 Mar 2020 12:22
 Operator : CG/JU
 Sample : L1903-11DL 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20200309DL

Quant Time: Mar 17 13:11:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 02:17:23 2020
 Response via : Initial Calibration

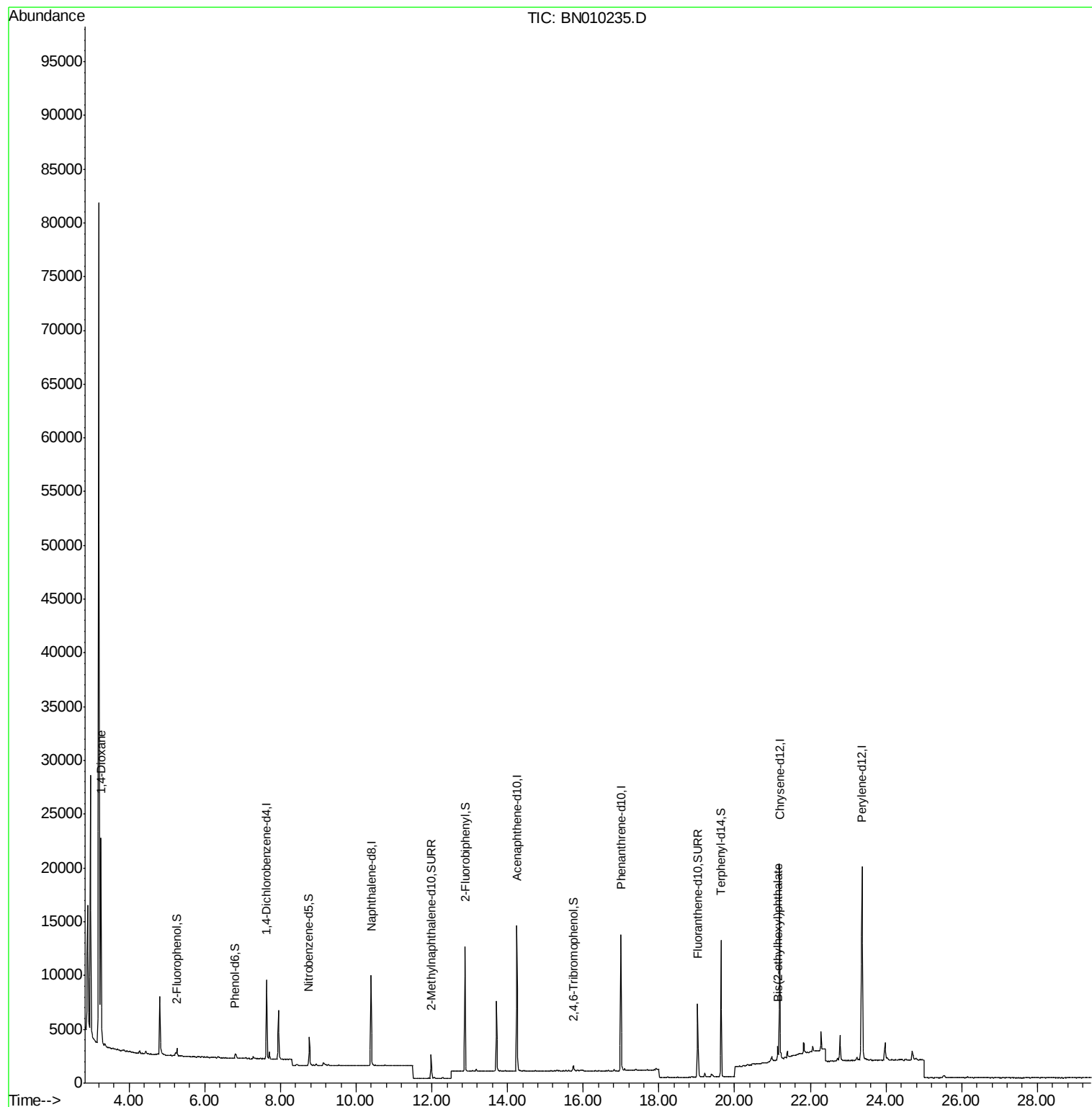
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3481	0.40	ng	0.00
7) Naphthalene-d8	10.39	136	11928	0.40	ng	0.00
13) Acenaphthene-d10	14.25	164	7325	0.40	ng	-0.01
19) Phenanthrene-d10	17.00	188	17703	0.40	ng	0.00
27) Chrysene-d12	21.19	240	18454	0.40	ng	-0.01
34) Perylene-d12	23.37	264	22757	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	545	0.07	ng	0.00
5) Phenol-d6	6.81	99	410	0.04	ng	0.00
8) Nitrobenzene-d5	8.76	82	2155	0.30	ng	-0.01
11) 2-Methylnaphthalene-d10	11.98	152	2957	0.15	ng	0.00
14) 2,4,6-Tribromophenol	15.74	330	428	0.16	ng	-0.01
15) 2-Fluorobiphenyl	12.88	172	10517	0.40	ng	0.00
25) Fluoranthene-d10	19.03	212	8487	0.16	ng	0.00
29) Terphenyl-d14	19.64	244	12727	0.30	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.26	88	12722	3.746	ng	# 52
32) Bis(2-ethylhexyl)phthalate	21.14	149	1056	0.040	ng	# 96

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

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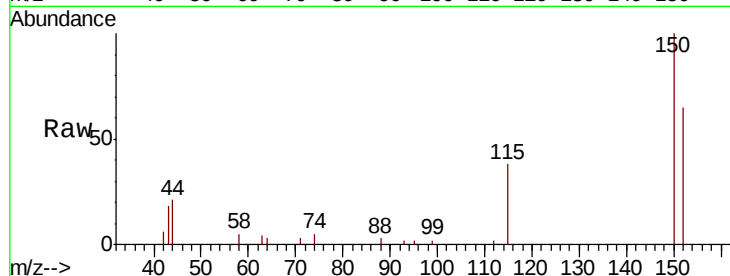


#1

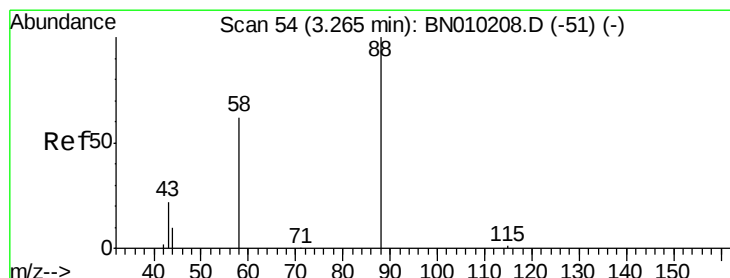
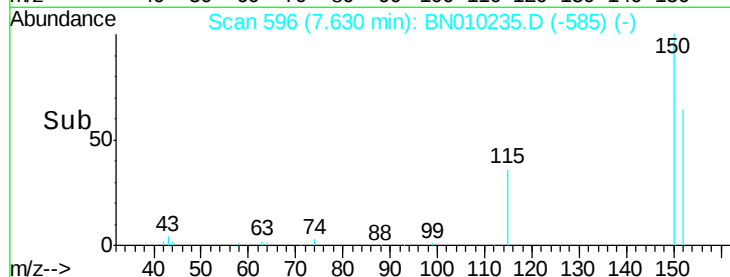
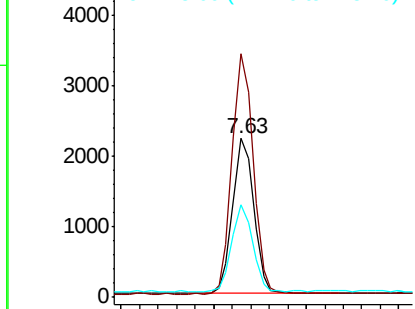
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 596
Delta R.T. -0.01 min
Lab File: BN010235.D
Acq: 17 Mar 2020 12:22

Instrument :
BNA_N
ClientSampleId :
RE131D1-20200309DL

Tot Ion:152 Resp: 3481
Ion Ratio Lower Upper
152 100
150 153.5 119.5 179.3
115 58.1 50.9 76.3



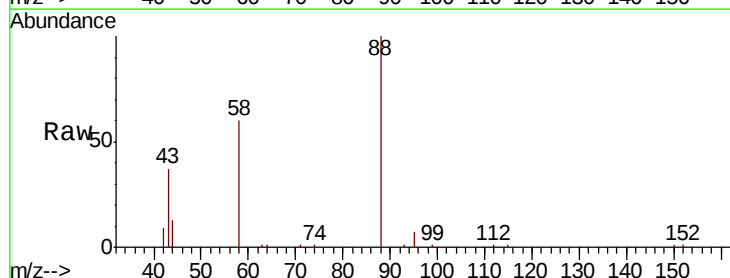
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



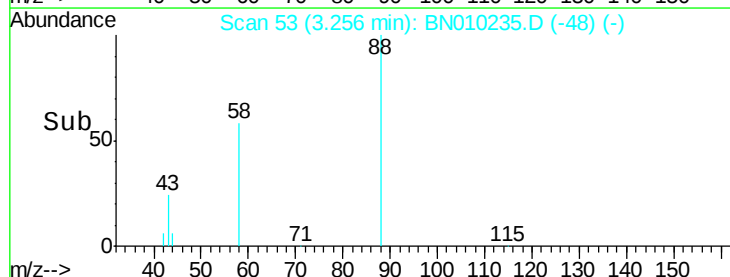
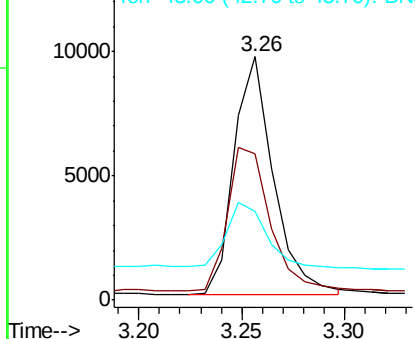
#2

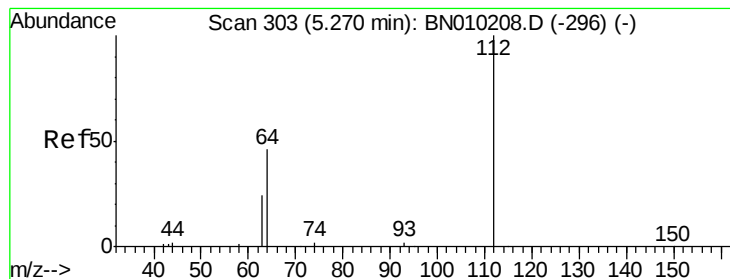
1,4-Dioxane
Concen: 3.746 ng
RT: 3.26 min Scan# 53
Delta R.T. -0.01 min
Lab File: BN010235.D
Acq: 17 Mar 2020 12:22

Tgt Ion: 88 Resp: 12722
Ion Ratio Lower Upper
88 100
58 64.8 97.8 146.8#
43 27.3 45.1 67.7#



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.067 ng

RT: 5.26 min Scan# 302

Delta R.T. -0.01 min

Lab File: BN010235.D

Acq: 17 Mar 2020 12:22

Instrument :

BNA_N

ClientSampleId :

RE131D1-20200309DL

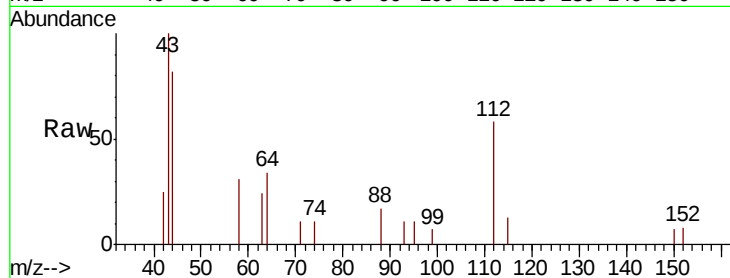
Tot Ion:112 Resp: 545

Ion Ratio Lower Upper

112 100

64 54.1 42.6 63.8

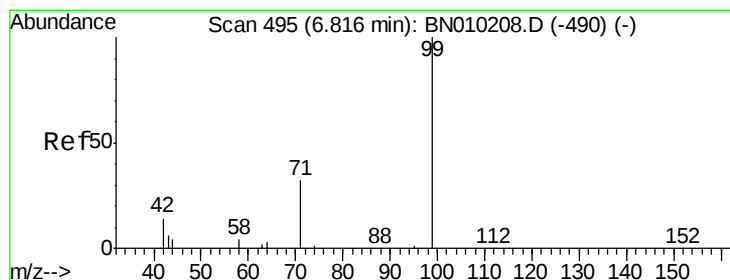
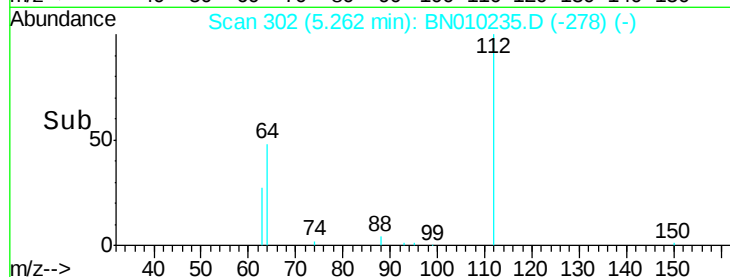
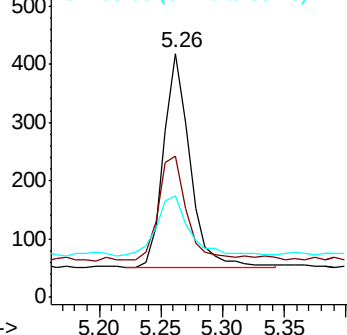
63 35.0 23.6 35.4



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: 0.040 ng

RT: 6.81 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN010235.D

Acq: 17 Mar 2020 12:22

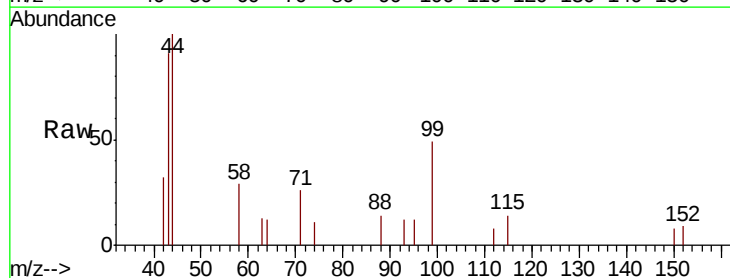
Tgt Ion: 99 Resp: 410

Ion Ratio Lower Upper

99 100

42 29.3 12.0 18.0#

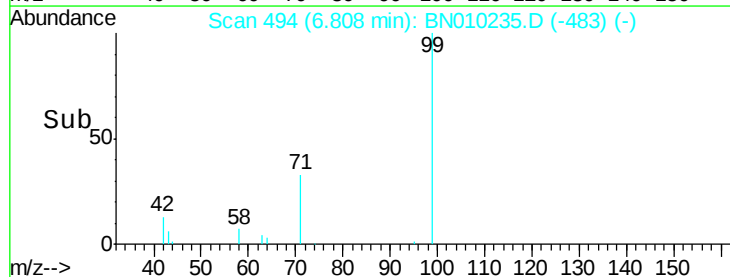
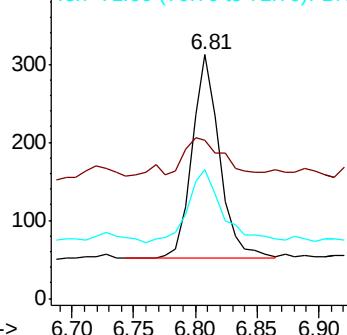
71 46.1 22.6 33.8#

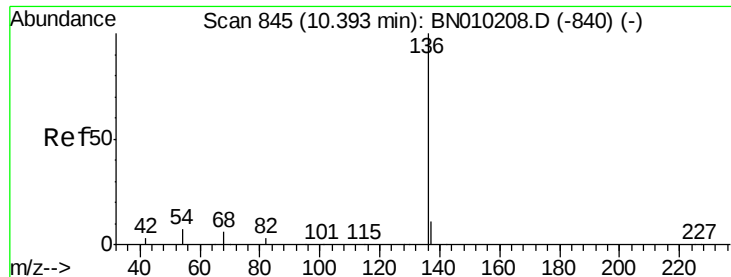


Abundance Ion 99.00 (98.70 to 99.70): BNO

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: 10.39 min Scan# 845

Delta R.T. -0.00 min

Lab File: BN010235.D

Acq: 17 Mar 2020 12:22

Instrument :

BNA_N

ClientSampleId :

RE131D1-20200309DL

Tot Ion:136 Resp: 11928

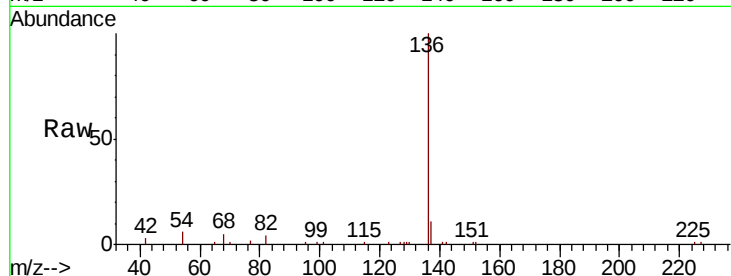
Ion Ratio Lower Upper

136 100

137 11.3 10.6 15.8

54 5.6 9.5 14.3#

68 5.0 9.7 14.5#

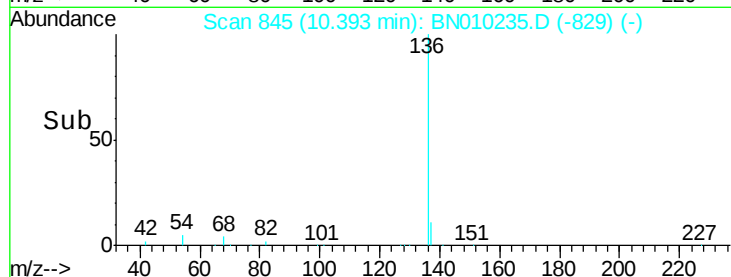


Abundance Ion 136.00 (135.70 to 136.70): E

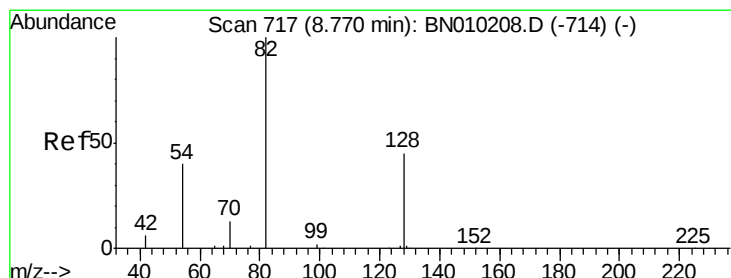
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time-->



#8

Nitrobenzene-d5

Concen: 0.301 ng

RT: 8.76 min Scan# 716

Delta R.T. -0.01 min

Lab File: BN010235.D

Acq: 17 Mar 2020 12:22

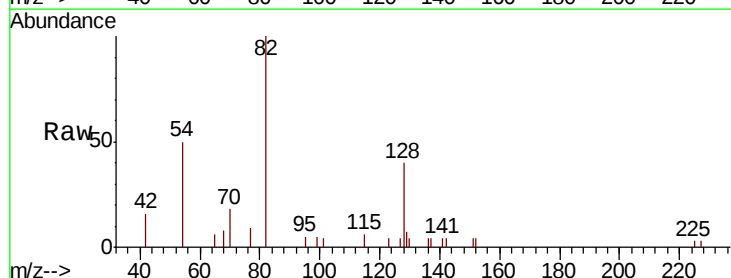
Tgt Ion: 82 Resp: 2155

Ion Ratio Lower Upper

82 100

128 40.1 35.0 52.6

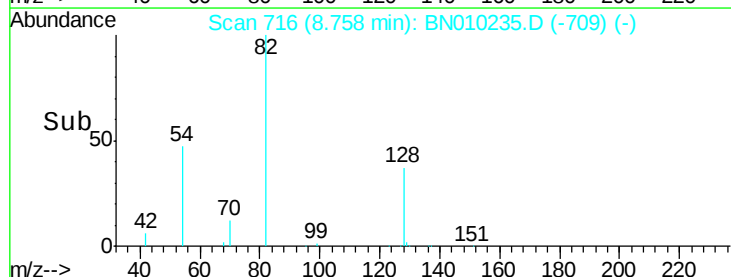
54 49.7 37.0 55.4



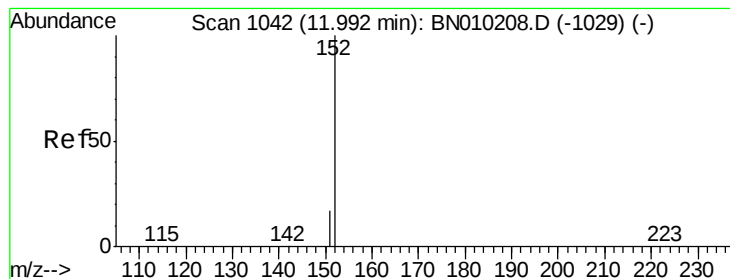
Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC



Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.150 ng

RT: 11.98 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BN010235.D

Acq: 17 Mar 2020 12:22

Instrument :

BNA_N

ClientSampleId :

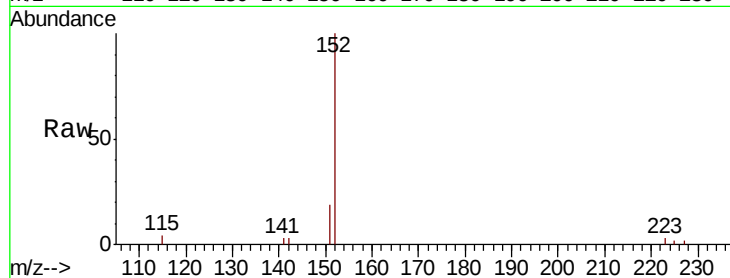
RE131D1-20200309DL

Tot Ion:152 Resp: 2957

Ion Ratio Lower Upper

152 100

151 19.9 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.98

2000

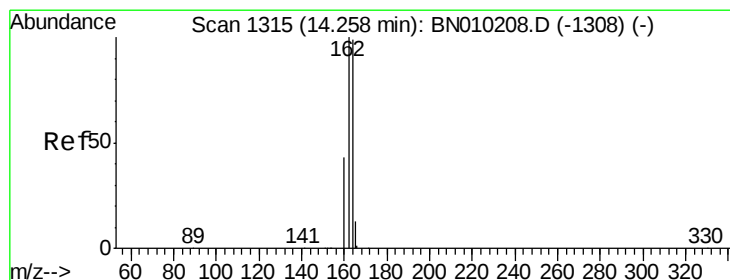
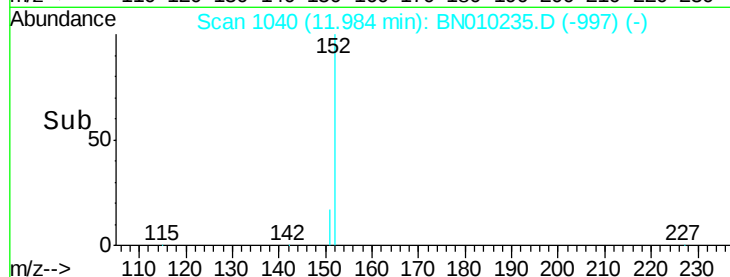
1500

1000

500

0

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.25 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BN010235.D

Acq: 17 Mar 2020 12:22

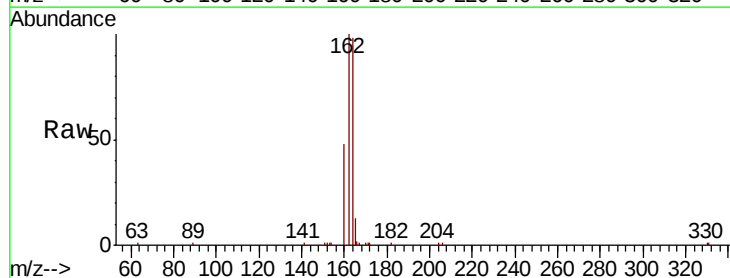
Tgt Ion:164 Resp: 7325

Ion Ratio Lower Upper

164 100

162 101.7 81.0 121.4

160 48.8 35.6 53.4



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

14.25

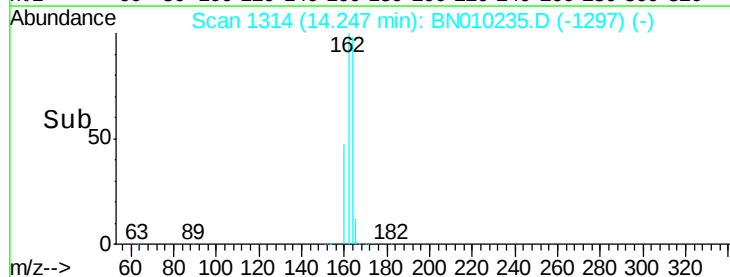
6000

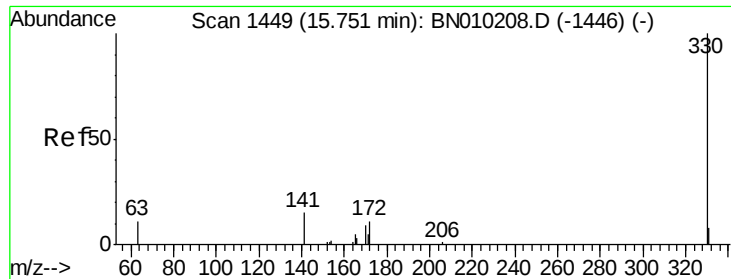
4000

2000

0

Time-->





#14

2,4,6-Tribromophenol

Concen: 0.163 ng

RT: 15.74 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BN010235.D

Acq: 17 Mar 2020 12:22

Instrument :

BNA_N

ClientSampleId :

RE131D1-20200309DL

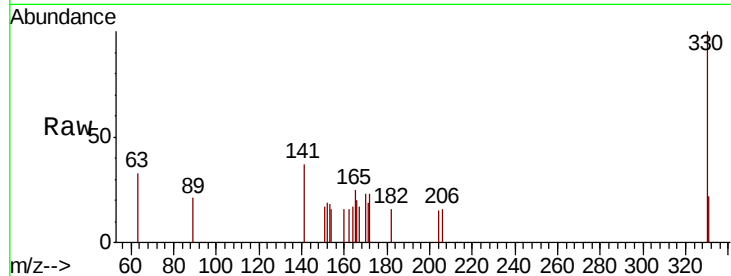
Tot Ion:330 Resp: 428

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

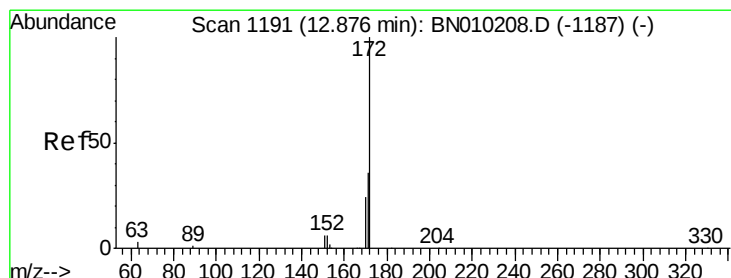
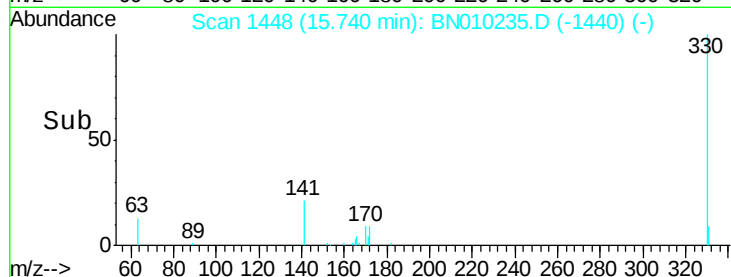
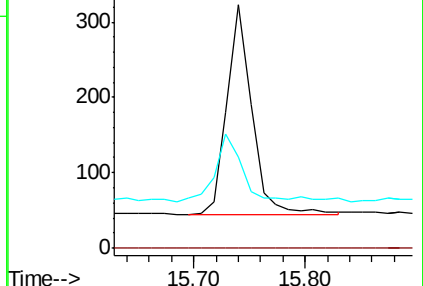
141 35.5 25.1 37.7



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: 0.403 ng

RT: 12.88 min Scan# 1191

Delta R.T. -0.00 min

Lab File: BN010235.D

Acq: 17 Mar 2020 12:22

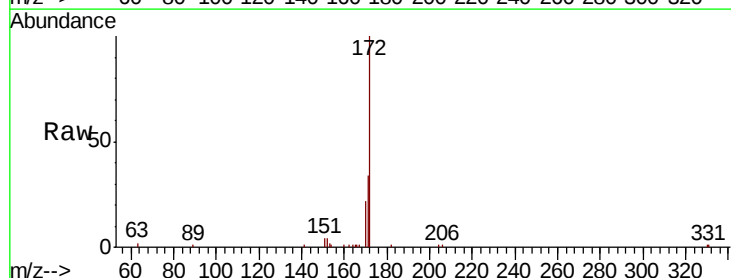
Tgt Ion:172 Resp: 10517

Ion Ratio Lower Upper

172 100

171 33.6 29.4 44.2

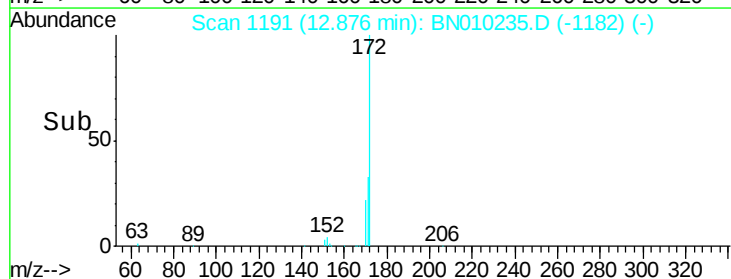
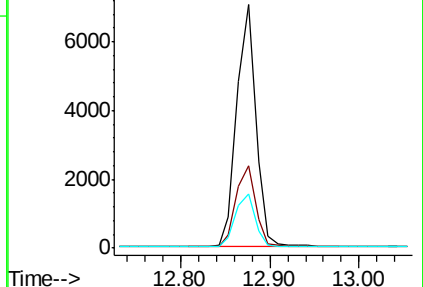
170 22.3 20.2 30.4

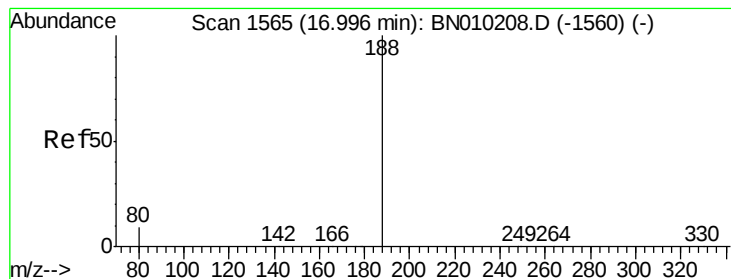


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.00 min Scan# 1565

Delta R.T. -0.00 min

Lab File: BN010235.D

Acq: 17 Mar 2020 12:22

Instrument :

BNA_N

ClientSampleId :

RE131D1-20200309DL

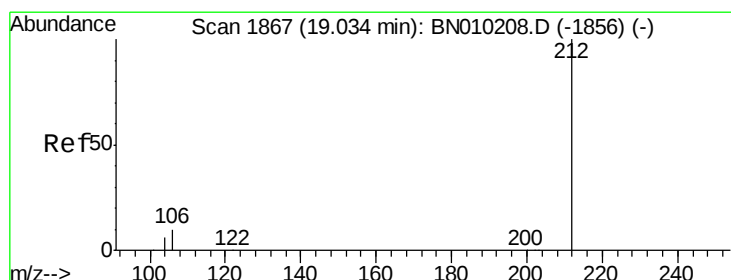
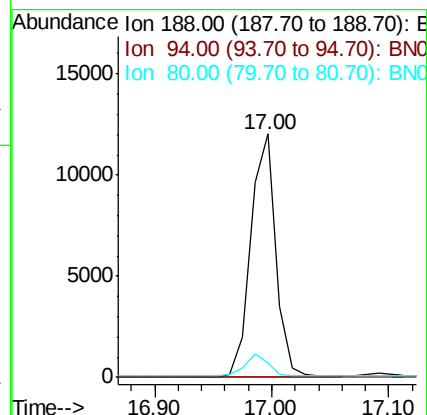
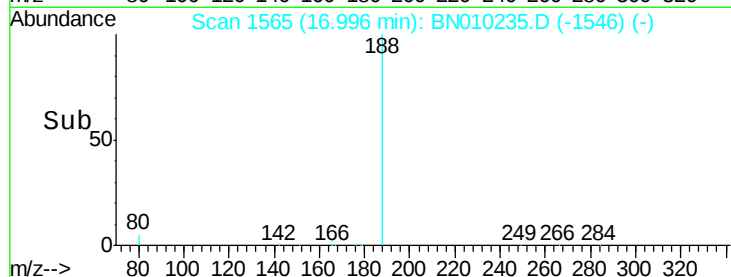
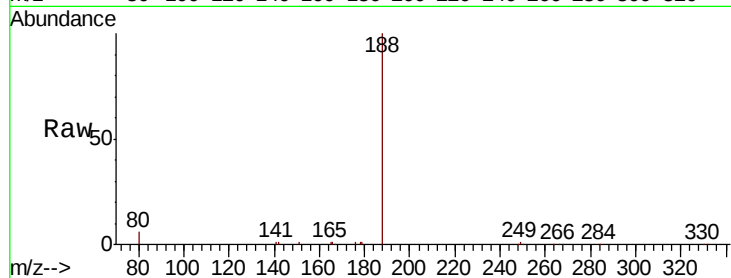
Tot Ion:188 Resp: 17703

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 5.9 8.6 12.8#



#25

Fluoranthene-d10

Concen: 0.155 ng

RT: 19.03 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BN010235.D

Acq: 17 Mar 2020 12:22

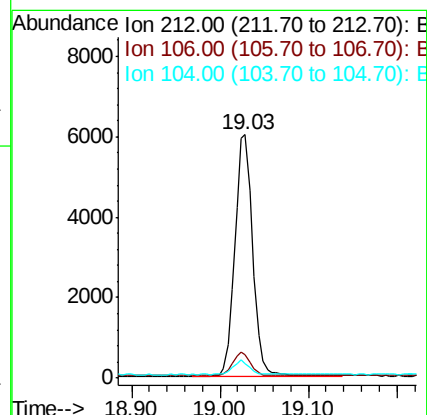
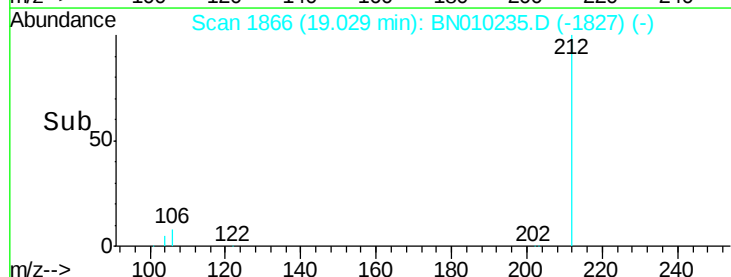
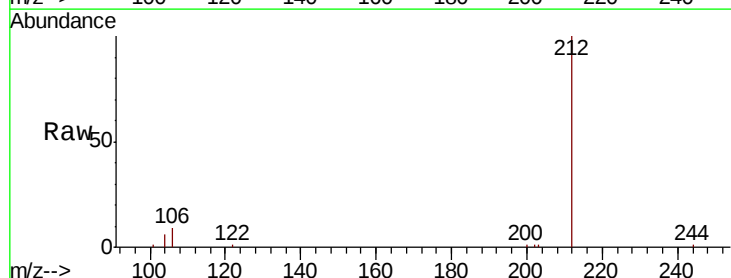
Tgt Ion:212 Resp: 8487

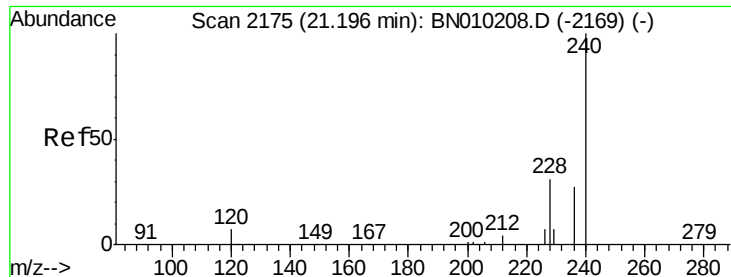
Ion Ratio Lower Upper

212 100

106 9.5 8.1 12.1

104 5.6 4.7 7.1





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN010235.D

Acq: 17 Mar 2020 12:22

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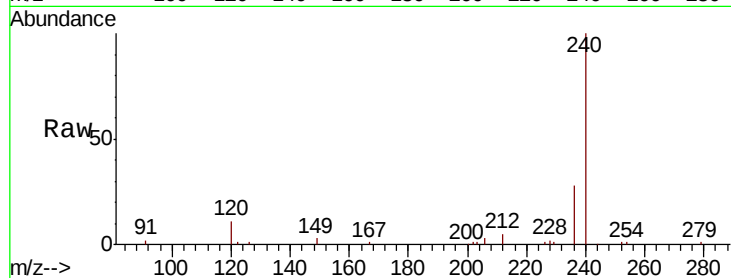
Tot Ion:240 Resp: 18454

Ion Ratio Lower Upper

240 100

120 10.6 7.7 11.5

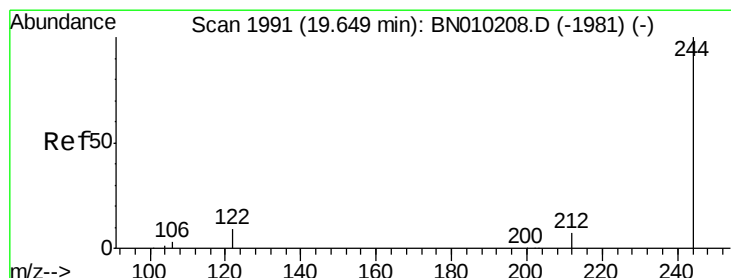
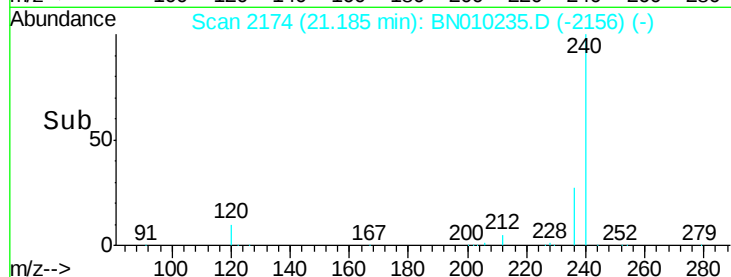
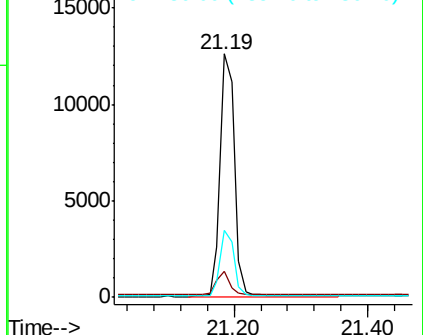
236 27.7 21.8 32.6



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: 0.302 ng

RT: 19.64 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BN010235.D

Acq: 17 Mar 2020 12:22

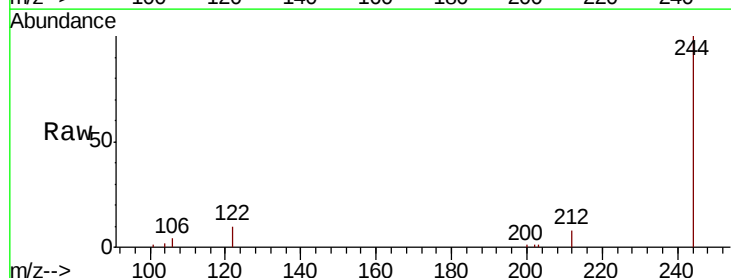
Tgt Ion:244 Resp: 12727

Ion Ratio Lower Upper

244 100

212 8.0 6.4 9.6

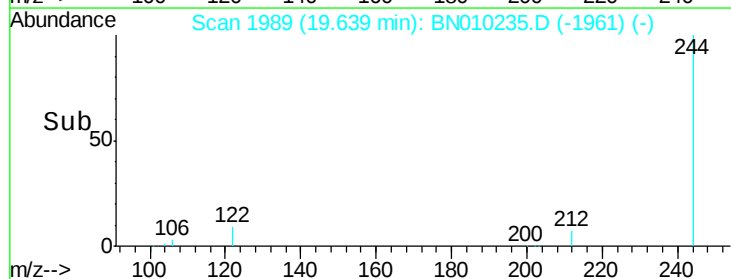
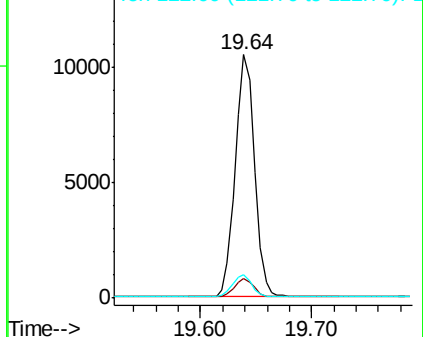
122 9.8 8.1 12.1

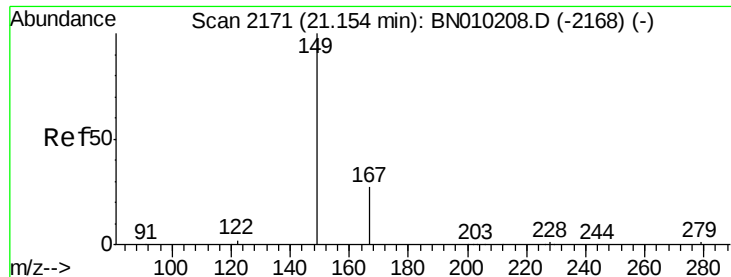


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.040 ng

RT: 21.14 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BN010235.D

Acq: 17 Mar 2020 12:22

Instrument :

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RE131D1-20200309DL

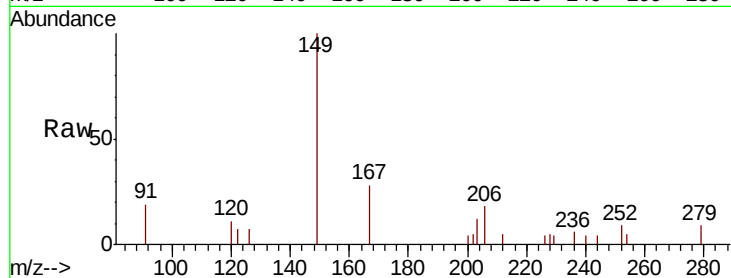
Tot Ion:149 Resp: 1056

Ion Ratio Lower Upper

149 100

167 28.0 21.0 31.4

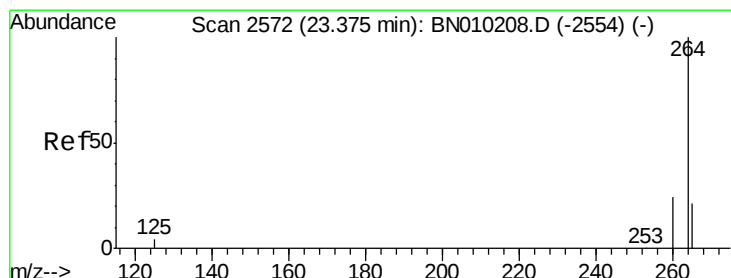
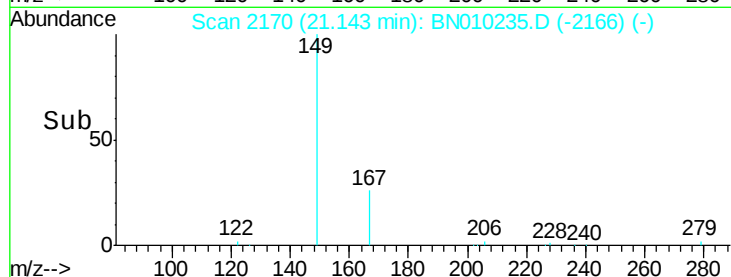
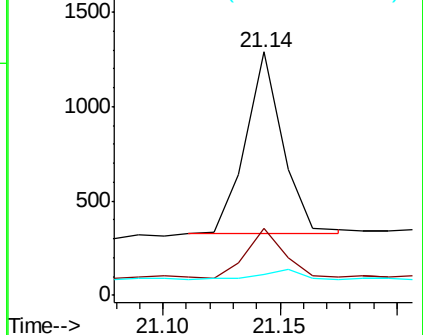
279 6.5 3.1 4.7#



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: 23.37 min Scan# 2569

Delta R.T. -0.01 min

Lab File: BN010235.D

Acq: 17 Mar 2020 12:22

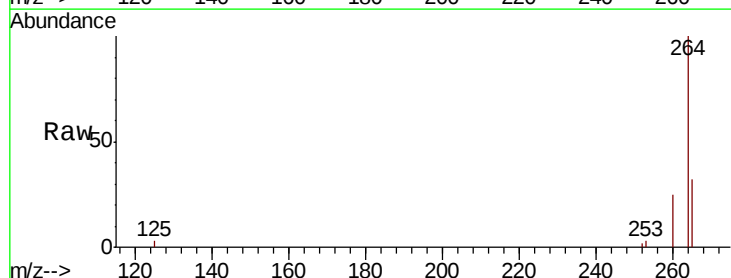
Tgt Ion:264 Resp: 22757

Ion Ratio Lower Upper

264 100

260 24.5 19.7 29.5

265 31.6 25.8 38.6



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

