

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061520\
 Data File : BN010892.D
 Acq On : 16 Jun 2020 05:36
 Operator : CG/JU
 Sample : L2989-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 16 06:14:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 11:09:46 2020
 Response via : Initial Calibration

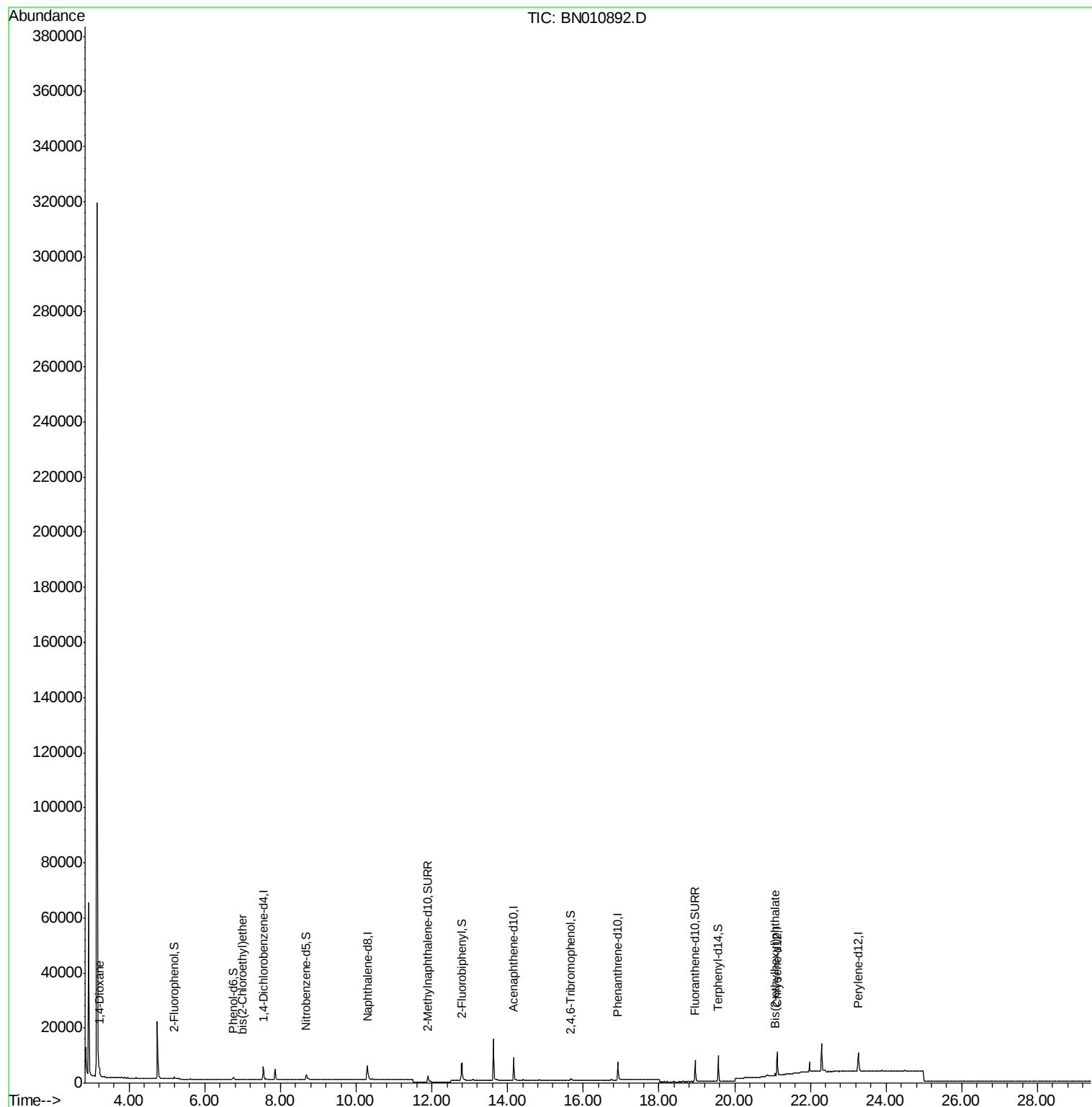
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	2529	0.40	ng	0.00
7) Naphthalene-d8	10.30	136	8706	0.40	ng	0.00
13) Acenaphthene-d10	14.16	164	4890	0.40	ng	0.00
19) Phenanthrene-d10	16.92	188	9584	0.40	ng	0.00
27) Chrysene-d12	21.12	240	8933	0.40	ng	0.00
34) Perylene-d12	23.26	264	9573	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	800	0.16	ng	0.00
5) Phenol-d6	6.74	99	527	0.09	ng	0.00
8) Nitrobenzene-d5	8.68	82	2217	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	11.89	152	3934	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	542	0.31	ng	0.00
15) 2-Fluorobiphenyl	12.79	172	7345	0.38	ng	0.00
25) Fluoranthene-d10	18.96	212	9967	0.38	ng	0.00
29) Terphenyl-d14	19.57	244	9830	0.47	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.22	88	1464	0.591	ng	# 94
6) bis(2-Chloroethyl)ether	6.99	93	151	0.027	ng	# 87
32) Bis(2-ethylhexyl)phthalate	21.06	149	755	0.086	ng	94

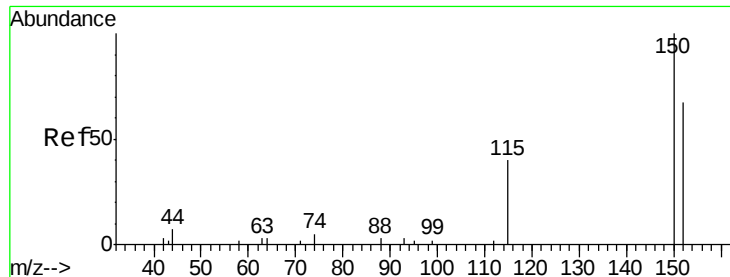
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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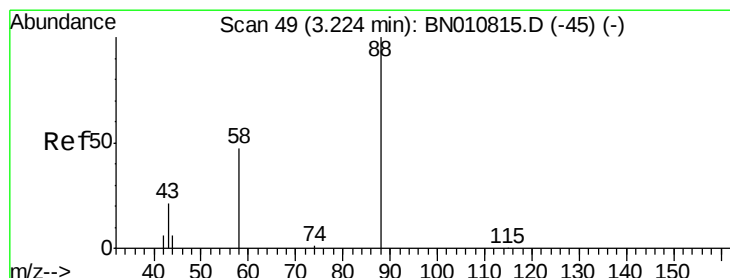
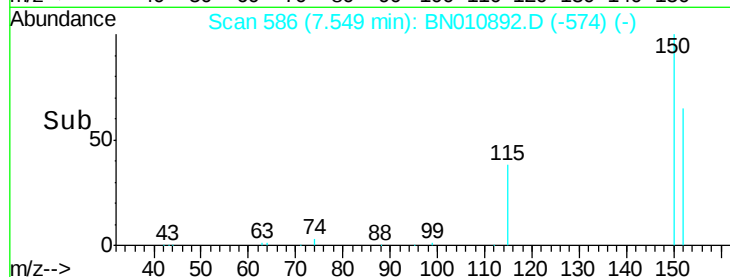
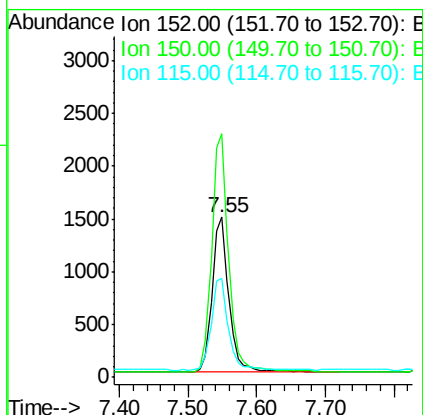
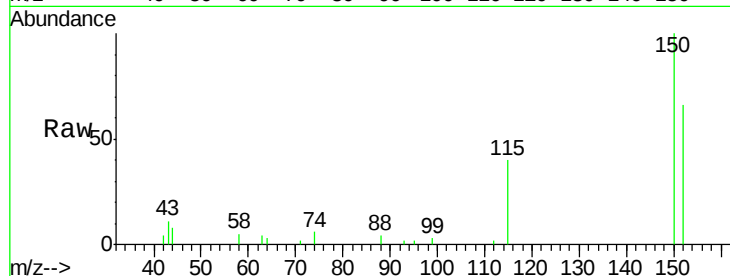


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.55 min Scan# 586
Delta R.T. 0.00 min
Lab File: BN010892.D
Acq: 16 Jun 2020 05:36

Instrument :
BNA_N
ClientSampleId :

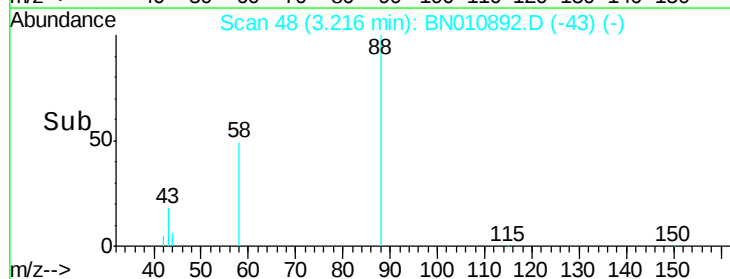
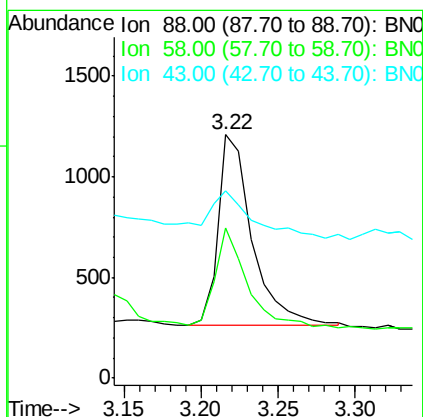
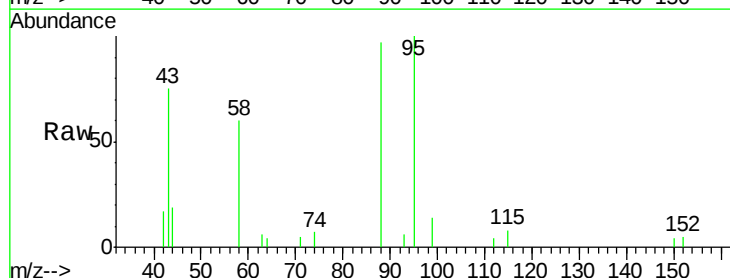
Tot Ion:152 Resp: 2529
Ion Ratio Lower Upper
152 100
150 152.3 123.8 185.6
115 61.6 49.2 73.8

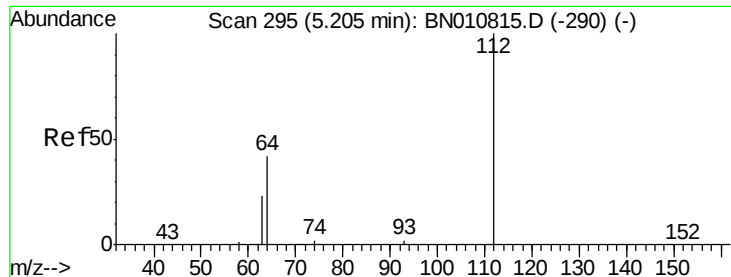


#2

1,4-Dioxane
Concen: 0.591 ng
RT: 3.22 min Scan# 48
Delta R.T. -0.01 min
Lab File: BN010892.D
Acq: 16 Jun 2020 05:36

Tgt Ion: 88 Resp: 1464
Ion Ratio Lower Upper
88 100
58 48.3 38.2 57.4
43 27.8 15.1 22.7#





#4

2-Fluorophenol

Concen: 0.164 ng

RT: 5.20 min Scan# 294

Delta R.T. 0.00 min

Lab File: BN010892.D

Acq: 16 Jun 2020 05:36

Instrument :

BNA_N

ClientSampleId :

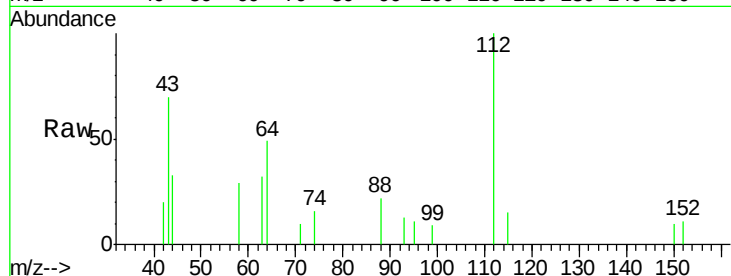
Tot Ion: 112 Resp: 800

Ion Ratio Lower Upper

112 100

64 46.1 37.4 56.0

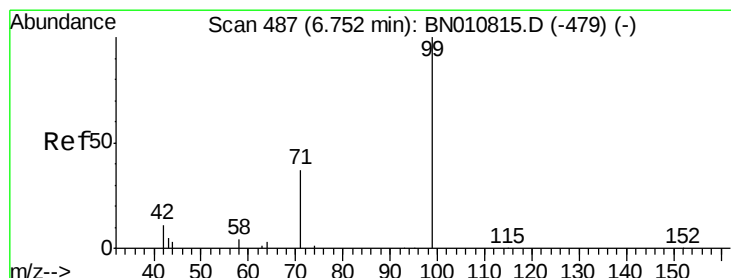
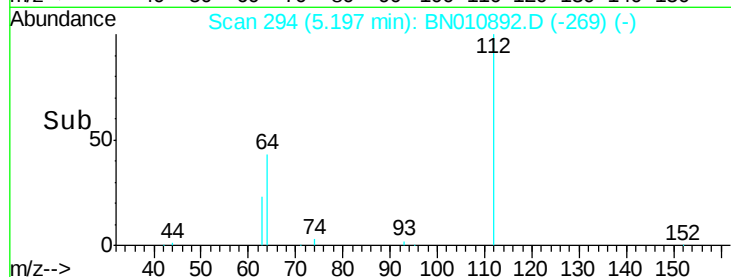
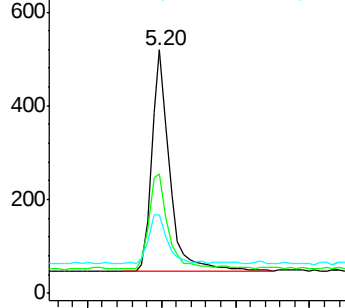
63 23.6 22.2 33.4



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: 0.092 ng

RT: 6.74 min Scan# 486

Delta R.T. 0.00 min

Lab File: BN010892.D

Acq: 16 Jun 2020 05:36

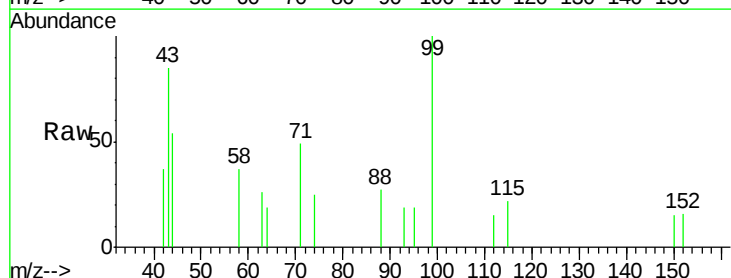
Tgt Ion: 99 Resp: 527

Ion Ratio Lower Upper

99 100

42 17.5 11.1 16.7#

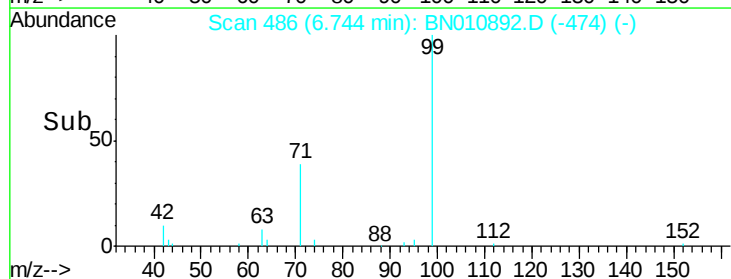
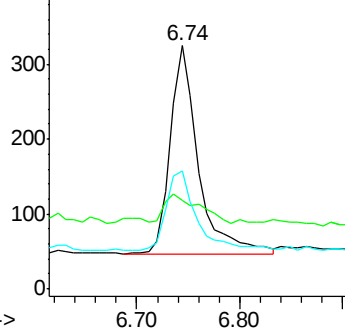
71 40.6 31.4 47.2

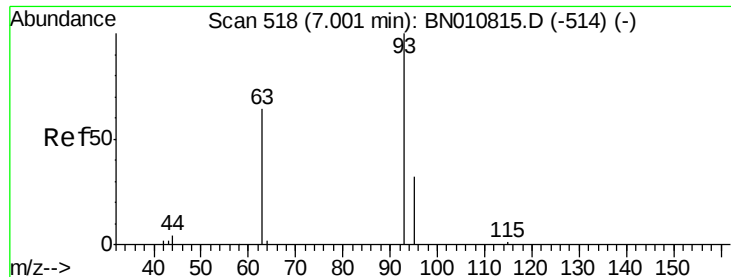


Abundance Ion 99.00 (98.70 to 99.70): BNO

Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO





#6

bis(2-Chloroethyl)ether

Concen: 0.027 ng

RT: 6.99 min Scan# 517

Delta R.T. 0.00 min

Lab File: BN010892.D

Acq: 16 Jun 2020 05:36

Instrument :

BNA_N

ClientSampleId :

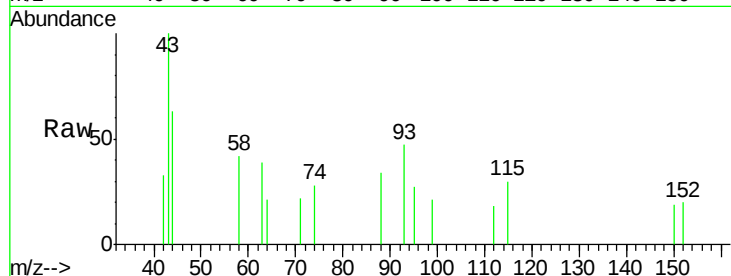
Tot Ion: 93 Resp: 151

Ion Ratio Lower Upper

93 100

63 54.3 49.4 74.2

95 21.9 26.7 40.1#



Abundance Ion 93.00 (92.70 to 93.70): BN010815.D (-514) (-)

Ion 63.00 (62.70 to 63.70): BN010815.D (-514) (-)

Ion 95.00 (94.70 to 95.70): BN010815.D (-514) (-)

6.99

150

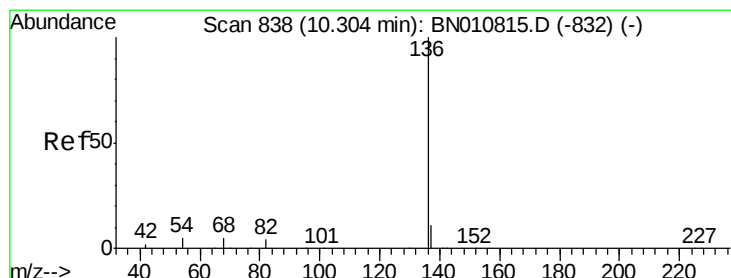
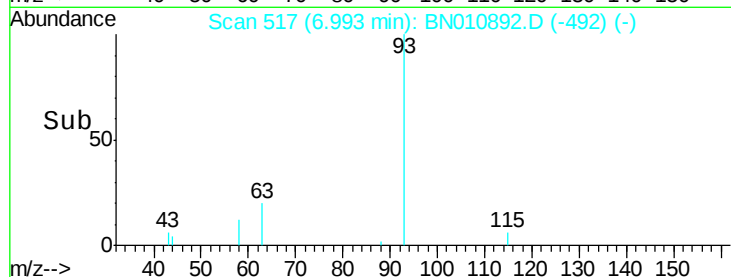
100

50

0

6.90 7.00 7.10

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.30 min Scan# 838

Delta R.T. 0.00 min

Lab File: BN010892.D

Acq: 16 Jun 2020 05:36

Tgt Ion: 136 Resp: 8706

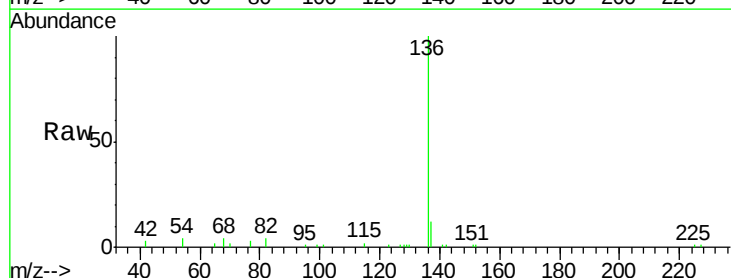
Ion Ratio Lower Upper

136 100

137 12.1 9.7 14.5

54 3.9 4.9 7.3#

68 4.1 4.7 7.1#



Abundance Ion 136.00 (135.70 to 136.70): BN010815.D (-832) (-)

Ion 137.00 (136.70 to 137.70): BN010815.D (-832) (-)

Ion 54.00 (53.70 to 54.70): BN010815.D (-832) (-)

Ion 68.00 (67.70 to 68.70): BN010815.D (-832) (-)

10.30

6000

5000

4000

3000

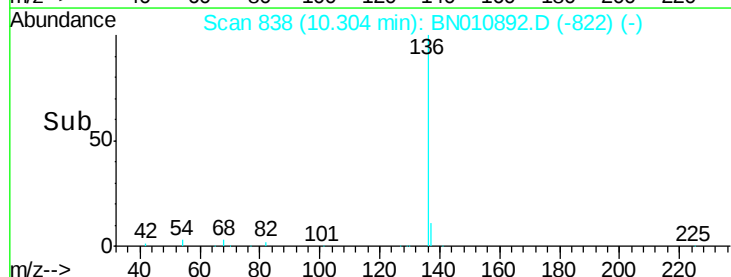
2000

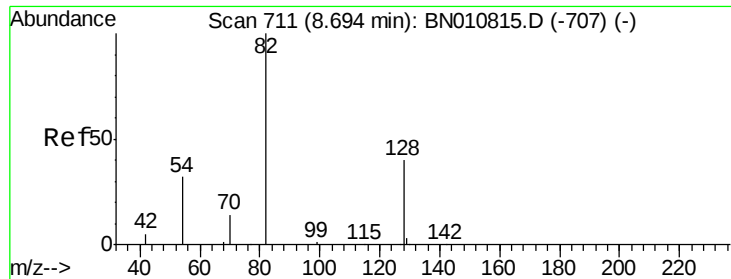
1000

0

10.20 10.40

Time-->





#8

Nitrobenzene-d5

Concen: 0.344 ng

RT: 8.68 min Scan# 710

Delta R.T. 0.00 min

Lab File: BN010892.D

Acq: 16 Jun 2020 05:36

Instrument :

BNA_N

ClientSampleId :

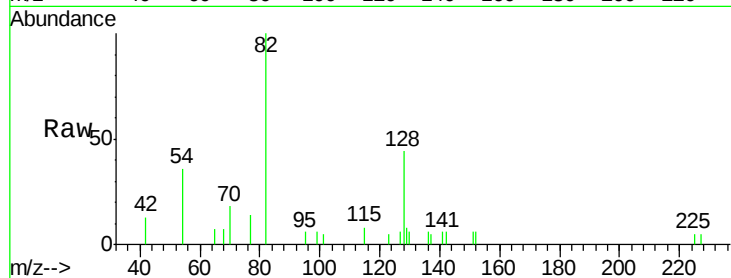
Tot Ion: 82 Resp: 2217

Ion Ratio Lower Upper

82 100

128 43.6 35.4 53.0

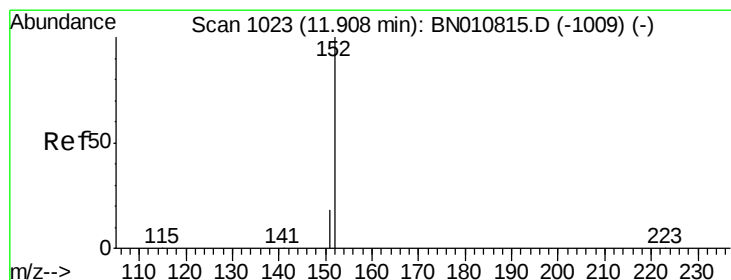
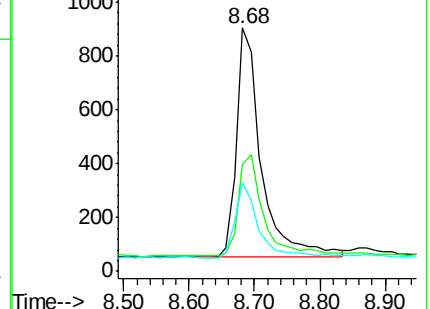
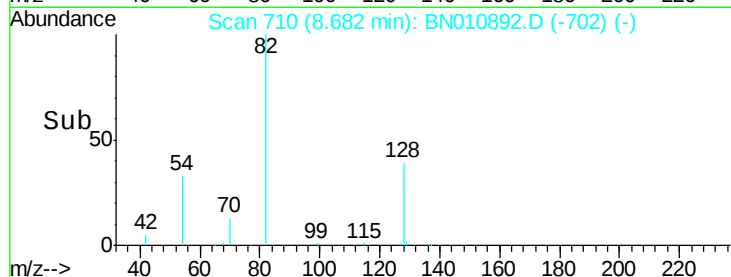
54 36.4 28.2 42.4



Abundance Ion 82.00 (81.70 to 82.70): BN010892.D (-702) (-)

Ion 128.00 (127.70 to 128.70): BN010892.D (-702) (-)

Ion 54.00 (53.70 to 54.70): BN010892.D (-702) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.291 ng

RT: 11.89 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BN010892.D

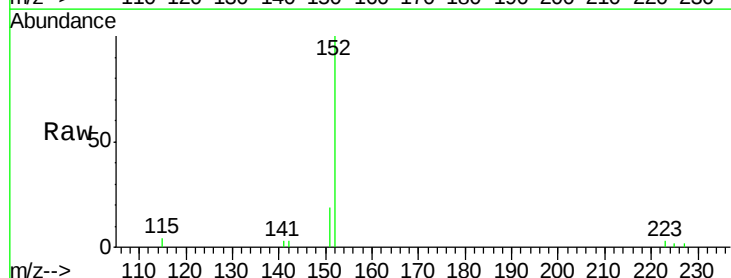
Acq: 16 Jun 2020 05:36

Tgt Ion: 152 Resp: 3934

Ion Ratio Lower Upper

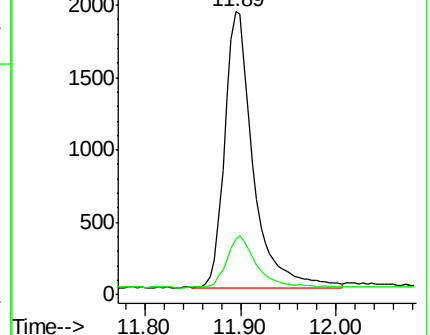
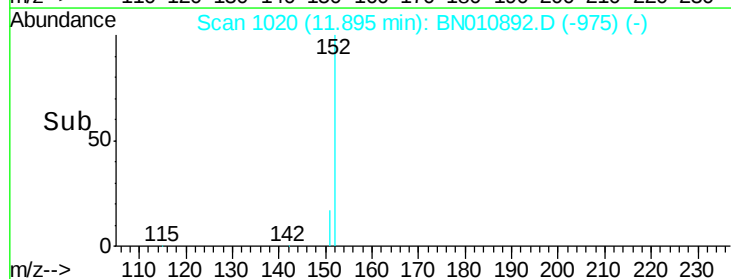
152 100

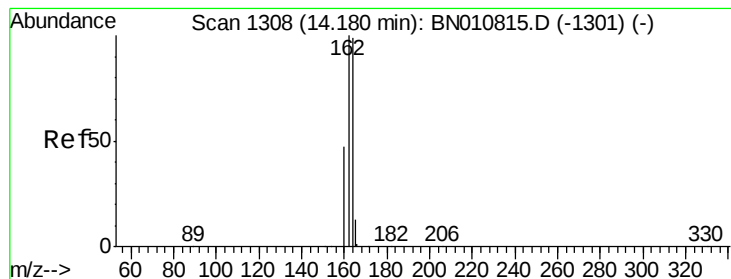
151 19.8 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): BN010892.D (-975) (-)

Ion 151.00 (150.70 to 151.70): BN010892.D (-975) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.16 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BN010892.D

Acq: 16 Jun 2020 05:36

Instrument :

BNA_N

ClientSampleId :

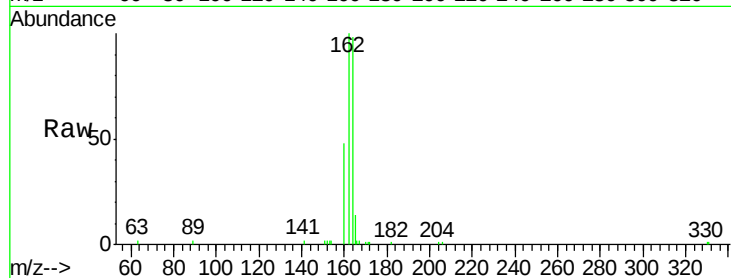
Tot Ion:164 Resp: 4890

Ion Ratio Lower Upper

164 100

162 102.0 81.0 121.6

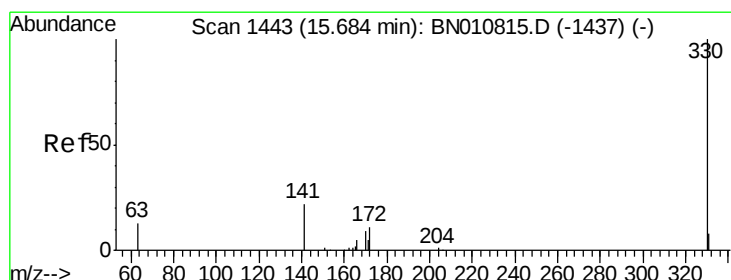
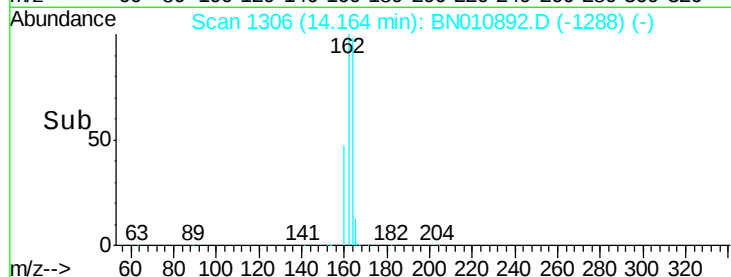
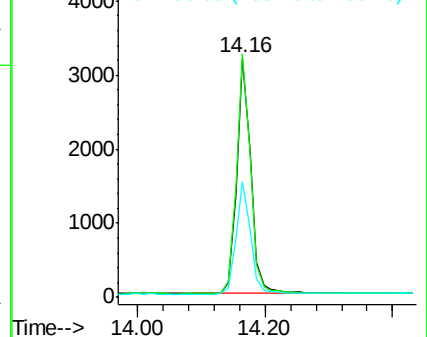
160 48.5 38.9 58.3



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: 0.310 ng

RT: 15.67 min Scan# 1441

Delta R.T. -0.00 min

Lab File: BN010892.D

Acq: 16 Jun 2020 05:36

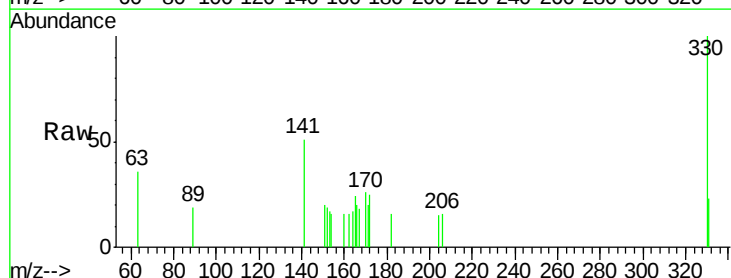
Tgt Ion:330 Resp: 542

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

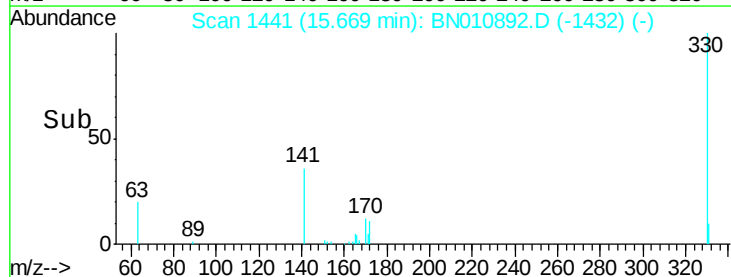
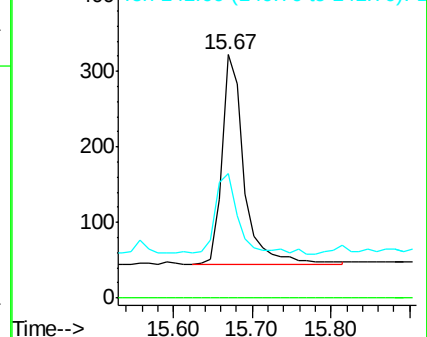
141 43.4 33.2 49.8

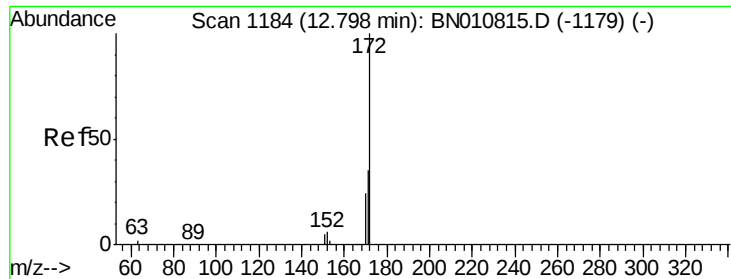


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.381 ng

RT: 12.79 min Scan# 1183

Delta R.T. 0.01 min

Lab File: BN010892.D

Acq: 16 Jun 2020 05:36

Instrument :

BNA_N

ClientSampleId :

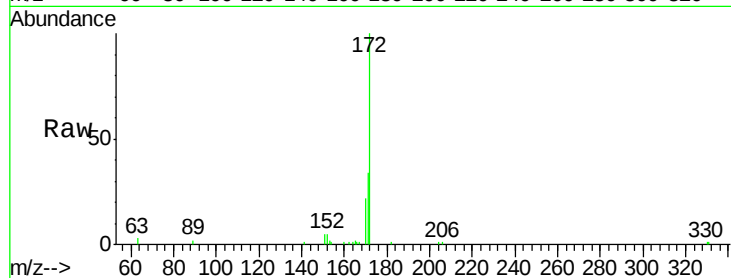
Tot Ion:172 Resp: 7345

Ion Ratio Lower Upper

172 100

171 34.3 28.5 42.7

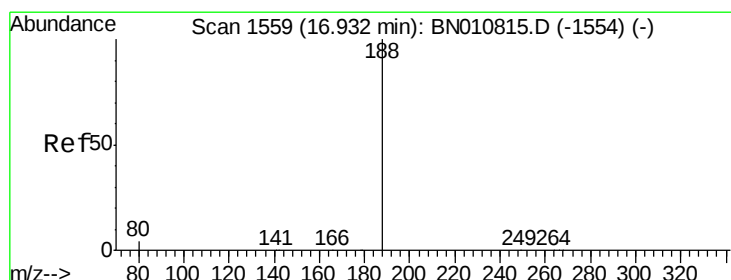
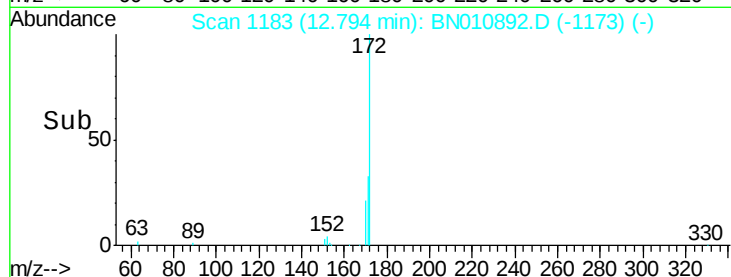
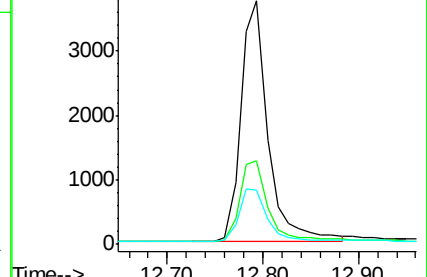
170 22.3 19.7 29.5



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: 16.92 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BN010892.D

Acq: 16 Jun 2020 05:36

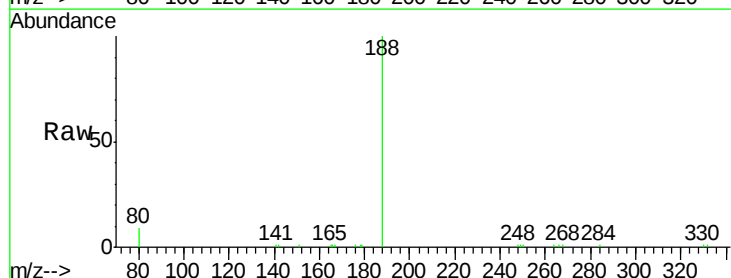
Tgt Ion:188 Resp: 9584

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

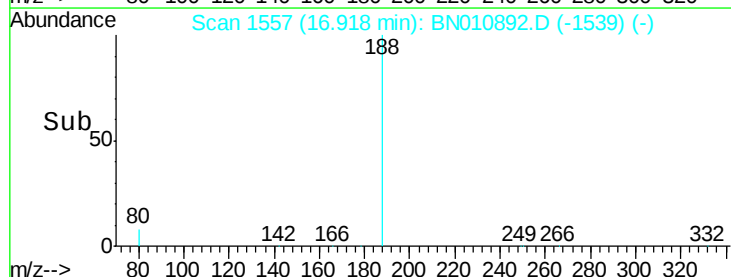
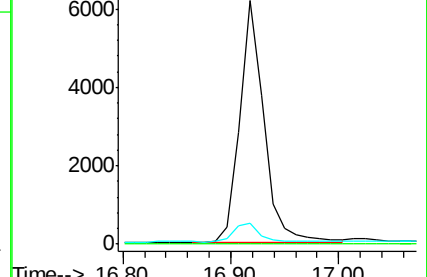
80 8.6 4.5 6.7#

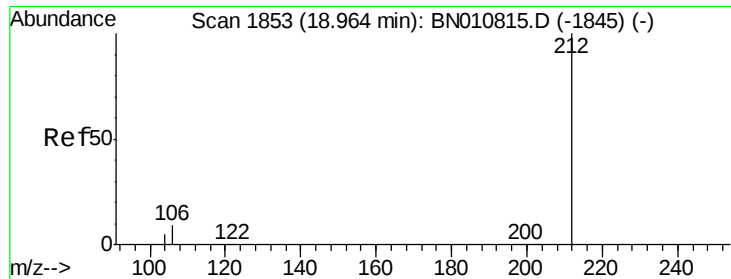


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#25

Fluoranthene-d10

Concen: 0.377 ng

RT: 18.96 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BN010892.D

Acq: 16 Jun 2020 05:36

Instrument :

BNA_N

ClientSampleId :

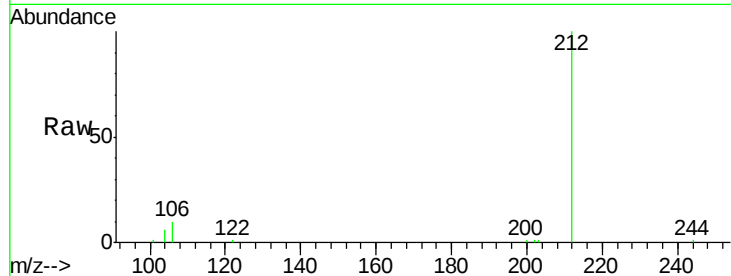
Tot Ion:212 Resp: 9967

Ion Ratio Lower Upper

212 100

106 10.1 6.6 10.0#

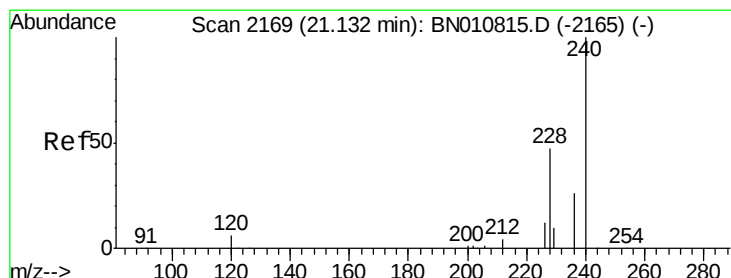
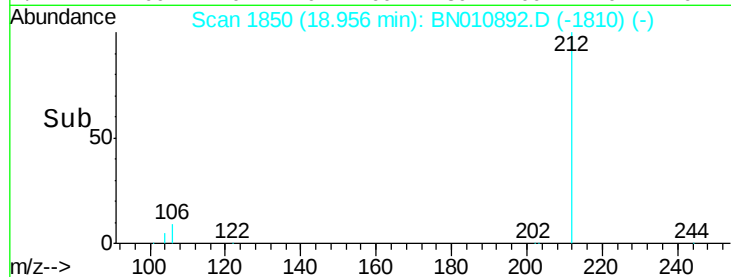
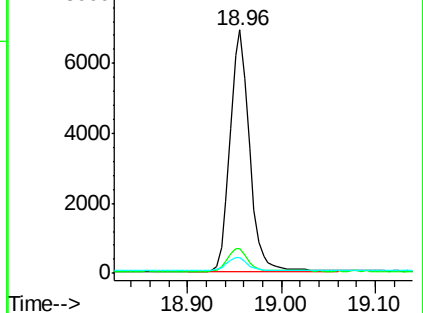
104 5.6 4.0 6.0



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: 21.12 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BN010892.D

Acq: 16 Jun 2020 05:36

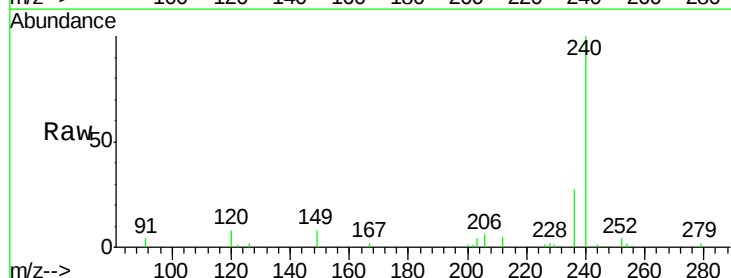
Tgt Ion:240 Resp: 8933

Ion Ratio Lower Upper

240 100

120 8.3 7.5 11.3

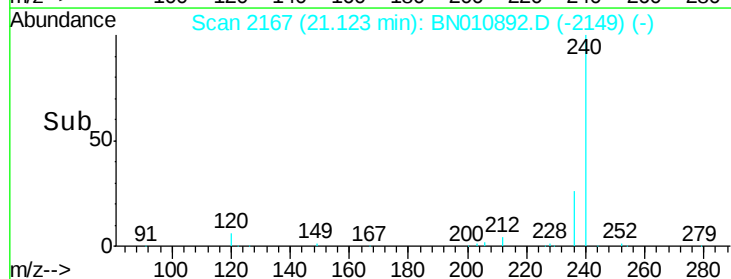
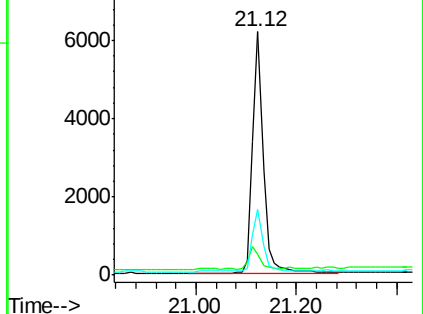
236 27.0 22.3 33.5

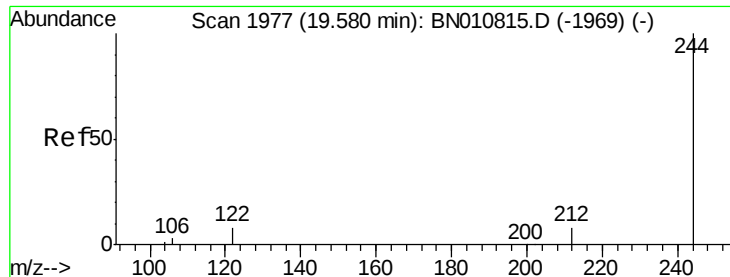


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.470 ng

RT: 19.57 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BN010892.D

Acq: 16 Jun 2020 05:36

Instrument :

BNA_N

ClientSampleId :

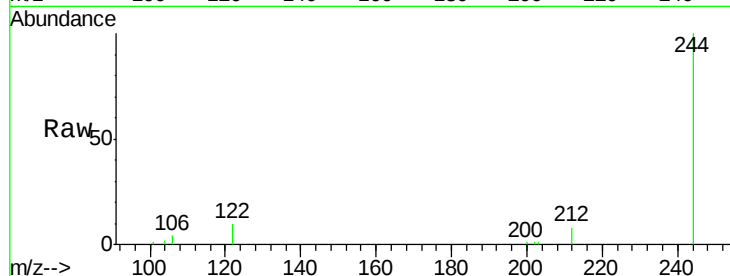
Tot Ion:244 Resp: 9830

Ion Ratio Lower Upper

244 100

212 8.3 7.4 11.2

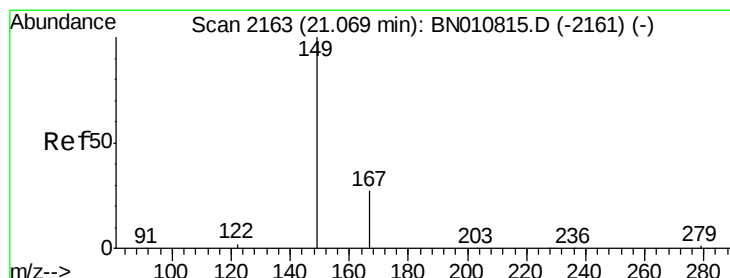
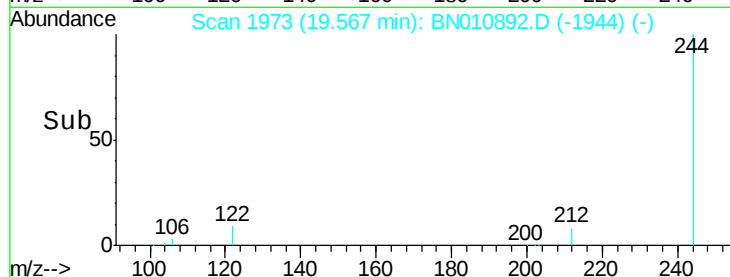
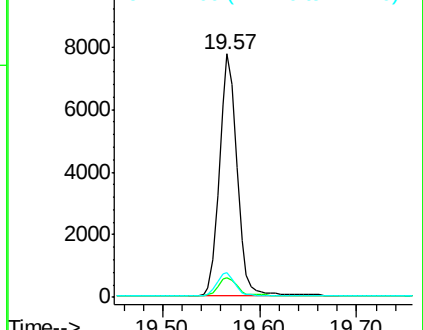
122 10.1 7.5 11.3



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: 0.086 ng

RT: 21.06 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BN010892.D

Acq: 16 Jun 2020 05:36

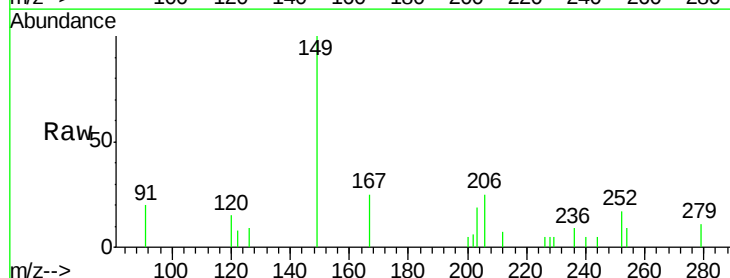
Tgt Ion:149 Resp: 755

Ion Ratio Lower Upper

149 100

167 26.4 24.1 36.1

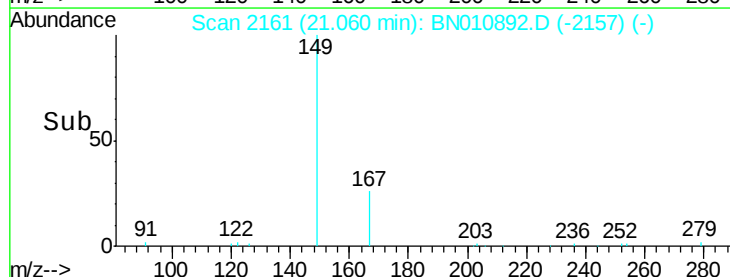
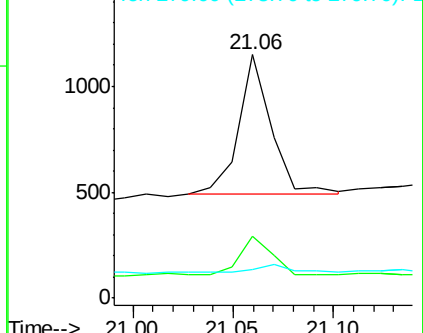
279 5.3 4.6 7.0

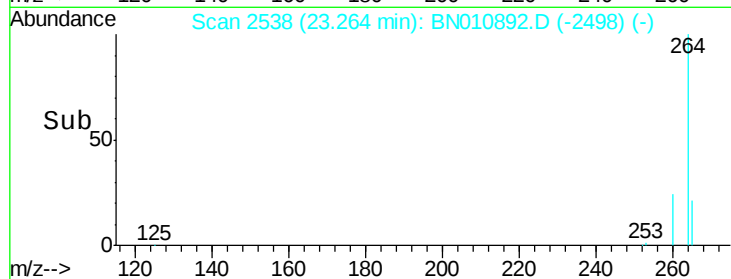
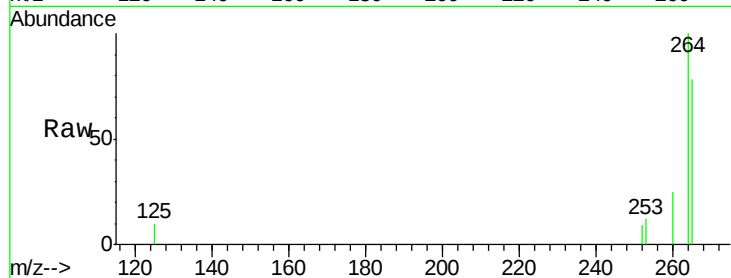


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.26 min Scan# 2538

Delta R.T. -0.01 min

Lab File: BN010892.D

Acq: 16 Jun 2020 05:36

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 264 Resp: 9573

Ion Ratio Lower Upper

264 100

260 24.9 20.4 30.6

265 78.4 75.0 112.4

