

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061920\
 Data File : BN010969.D
 Acq On : 19 Jun 2020 14:36
 Operator : CG/JU
 Sample : L3043-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW201D1-20200616

Quant Time: Jun 19 15:07:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 19 12:43:49 2020
 Response via : Initial Calibration

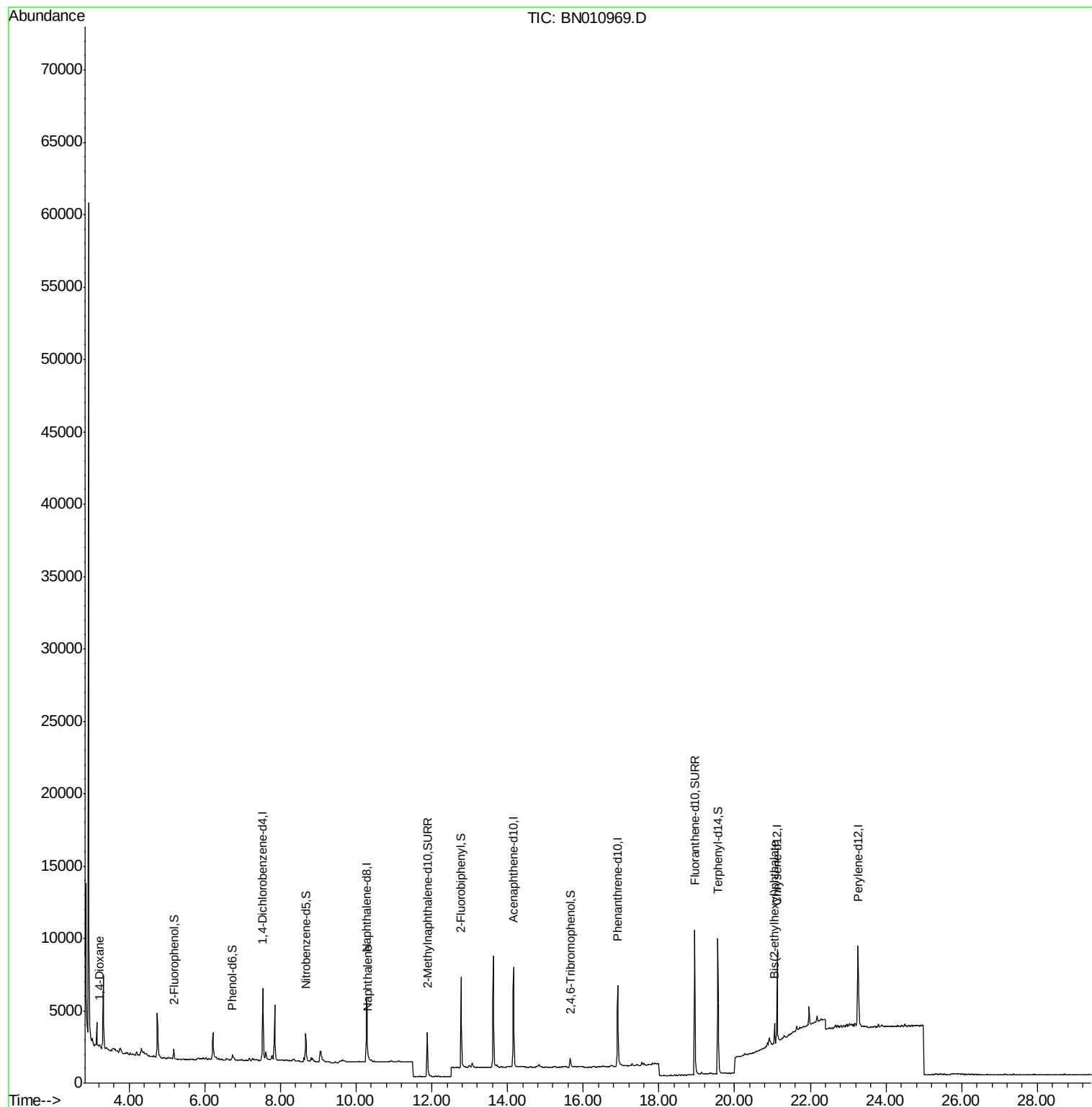
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	2485	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	7070	0.40	ng	0.00
13) Acenaphthene-d10	14.16	164	4306	0.40	ng	0.00
19) Phenanthrene-d10	16.91	188	8632	0.40	ng	0.01
27) Chrysene-d12	21.12	240	7395	0.40	ng	0.00
34) Perylene-d12	23.26	264	7743	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	605	0.13	ng	0.00
5) Phenol-d6	6.73	99	436	0.08	ng	0.00
8) Nitrobenzene-d5	8.67	82	2161	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	11.88	152	4776	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.66	330	545	0.35	ng	0.01
15) 2-Fluorobiphenyl	12.78	172	6216	0.37	ng	0.00
25) Fluoranthene-d10	18.94	212	12827	0.54	ng	0.00
29) Terphenyl-d14	19.56	244	9914	0.57	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.22	88	144	0.059	ng	# 56
9) Naphthalene	10.32	128	364	0.020	ng	# 34
32) Bis(2-ethylhexyl)phthalate	21.06	149	1087	0.150	ng	99

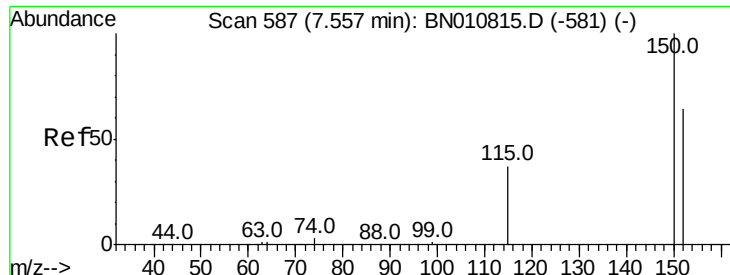
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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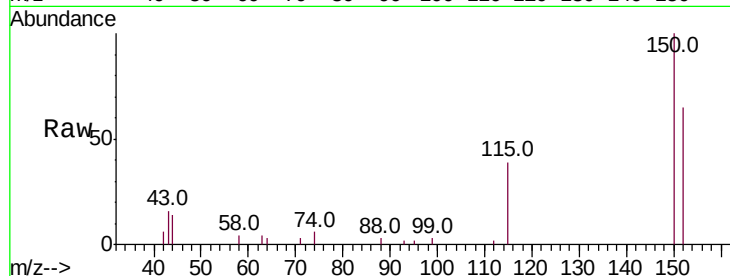


#1

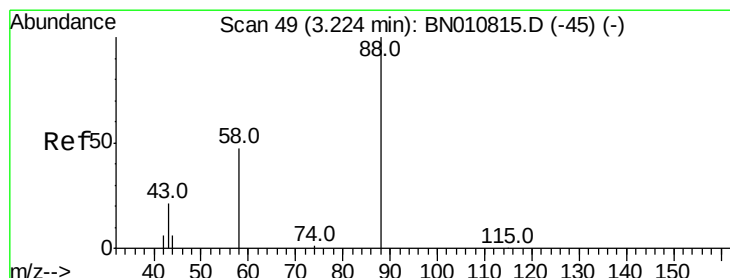
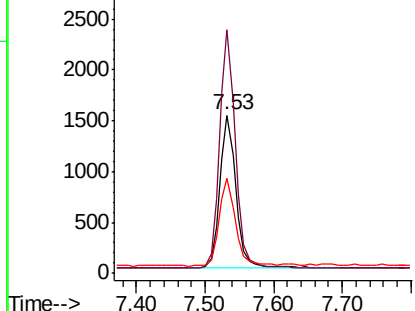
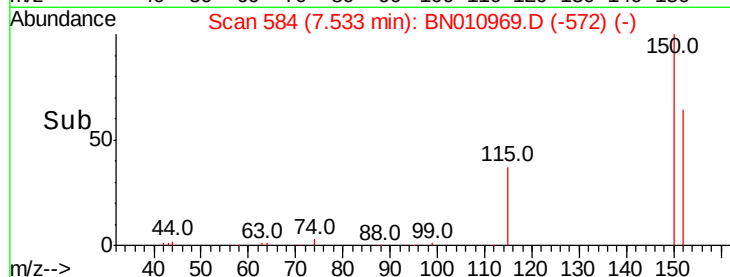
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.53 min Scan# 584
Delta R.T. -0.00 min
Lab File: BN010969.D
Acq: 19 Jun 2020 14:36

Instrument :
BNA_N
ClientSampleId :
MW201D1-20200616

Tot Ion:152 Resp: 2485
Ion Ratio Lower Upper
152 100
150 154.1 123.8 185.6
115 60.5 49.2 73.8



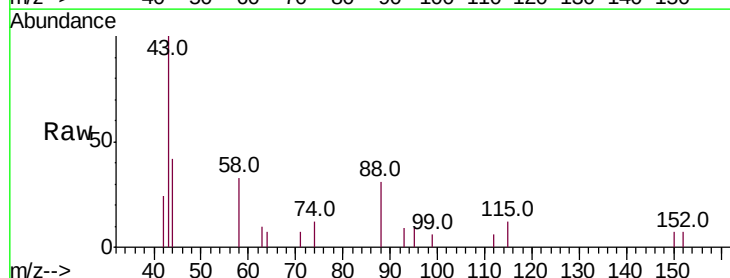
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



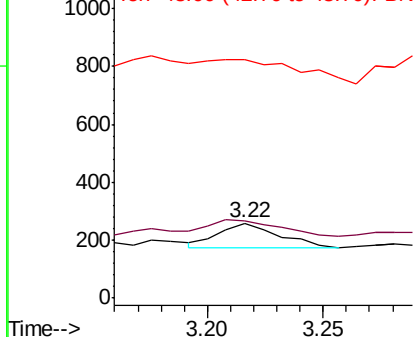
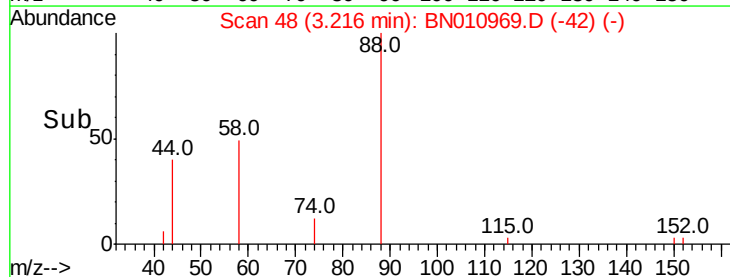
#2

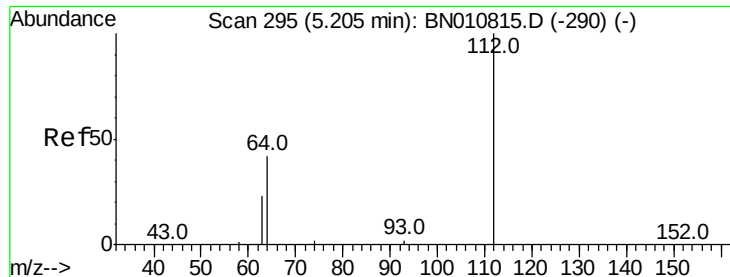
1,4-Dioxane
Concen: 0.059 ng
RT: 3.22 min Scan# 48
Delta R.T. -0.00 min
Lab File: BN010969.D
Acq: 19 Jun 2020 14:36

Tgt Ion: 88 Resp: 144
Ion Ratio Lower Upper
88 100
58 77.8 38.2 57.4#
43 0.0 15.1 22.7#



Abundance Ion 88.00 (87.70 to 88.70): BN0
Ion 58.00 (57.70 to 58.70): BN0
Ion 43.00 (42.70 to 43.70): BN0





#4

2-Fluorophenol

Concen: 0.126 ng

RT: 5.18 min Scan# 292

Delta R.T. -0.00 min

Lab File: BN010969.D

Acq: 19 Jun 2020 14:36

Instrument :

BNA_N

ClientSampleId :

MW201D1-20200616

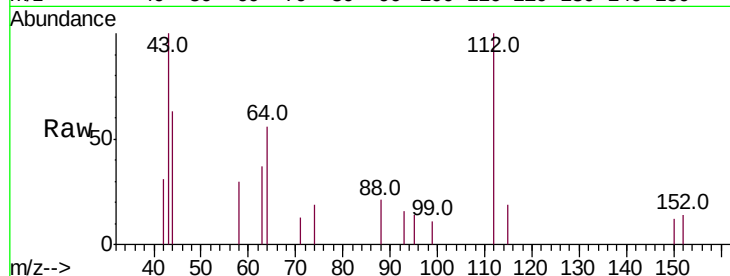
Tot Ion:112 Resp: 605

Ion Ratio Lower Upper

112 100

64 44.3 37.4 56.0

63 24.1 22.2 33.4



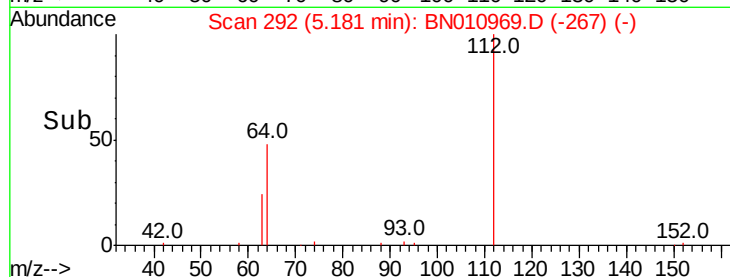
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

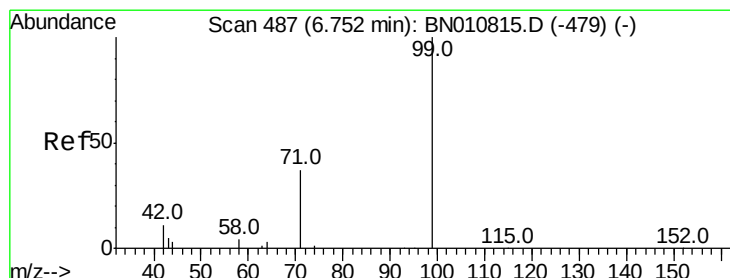
Ion 63.00 (62.70 to 63.70): BNC

5.18

Time-->



Time-->



#5

Phenol-d6

Concen: 0.077 ng

RT: 6.73 min Scan# 484

Delta R.T. -0.00 min

Lab File: BN010969.D

Acq: 19 Jun 2020 14:36

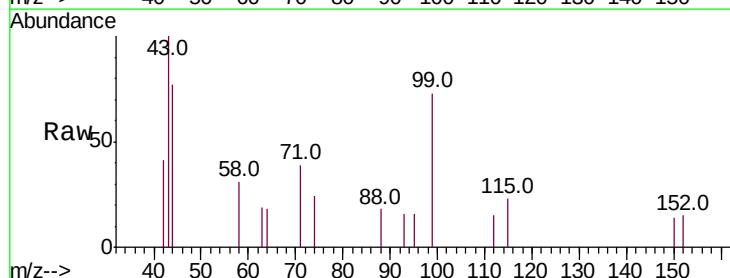
Tgt Ion: 99 Resp: 436

Ion Ratio Lower Upper

99 100

42 23.4 11.1 16.7#

71 39.9 31.4 47.2



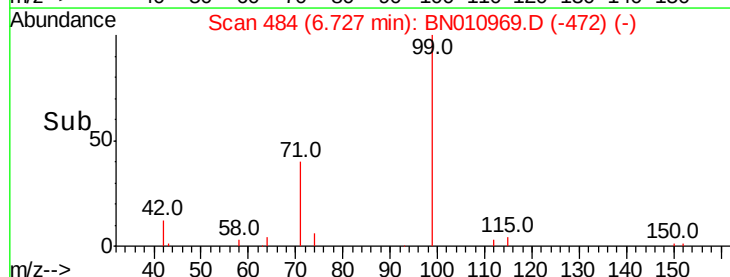
Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

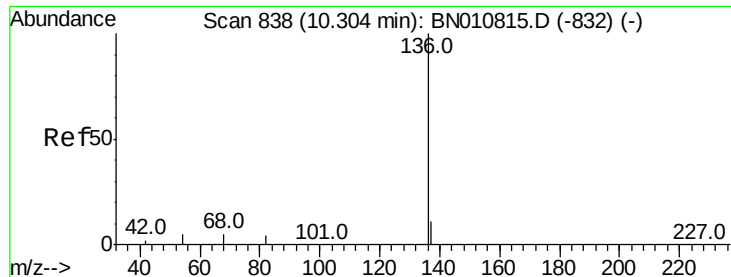
Ion 71.00 (70.70 to 71.70): BNC

6.73

Time-->



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.28 min Scan# 836

Delta R.T. -0.00 min

Lab File: BN010969.D

Acq: 19 Jun 2020 14:36

Instrument :

BNA_N

ClientSampleId :

MW201D1-20200616

Tot Ion:136 Resp: 7070

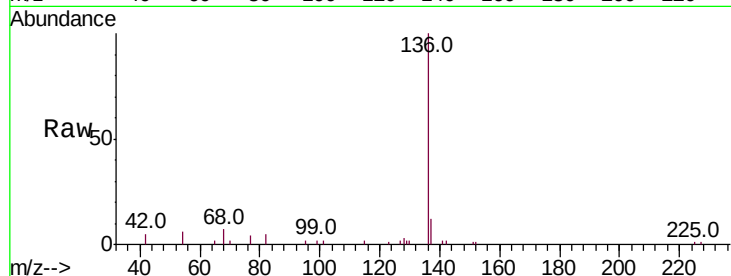
Ion Ratio Lower Upper

136 100

137 12.4 9.7 14.5

54 6.2 4.9 7.3

68 7.0 4.7 7.1

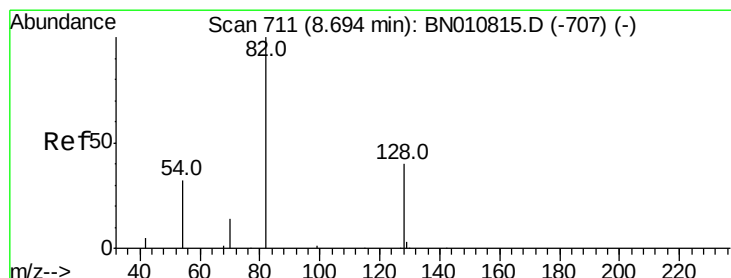
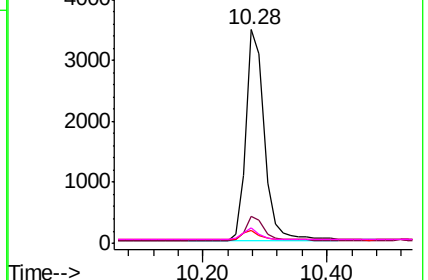
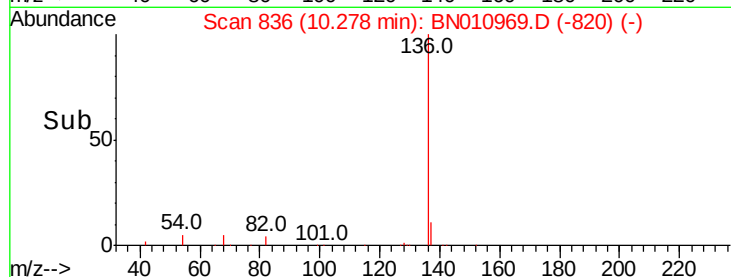


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.413 ng

RT: 8.67 min Scan# 709

Delta R.T. -0.00 min

Lab File: BN010969.D

Acq: 19 Jun 2020 14:36

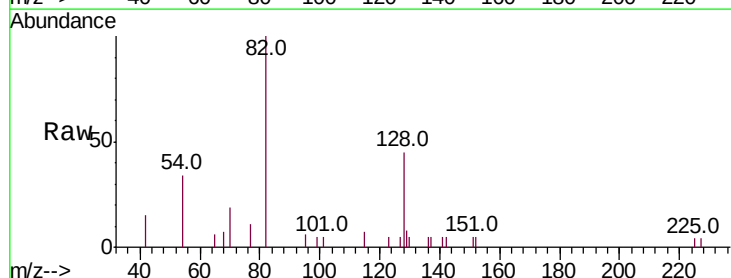
Tgt Ion: 82 Resp: 2161

Ion Ratio Lower Upper

82 100

128 45.0 35.4 53.0

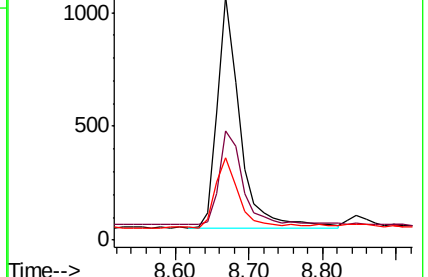
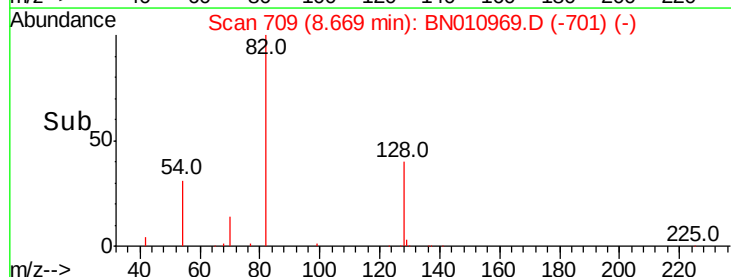
54 33.9 28.2 42.4

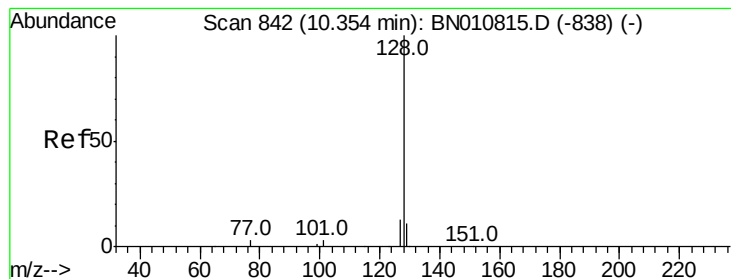


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.020 ng

RT: 10.32 min Scan# 839

Delta R.T. -0.01 min

Lab File: BN010969.D

Acq: 19 Jun 2020 14:36

Instrument :

BNA_N

ClientSampleId :

MW201D1-20200616

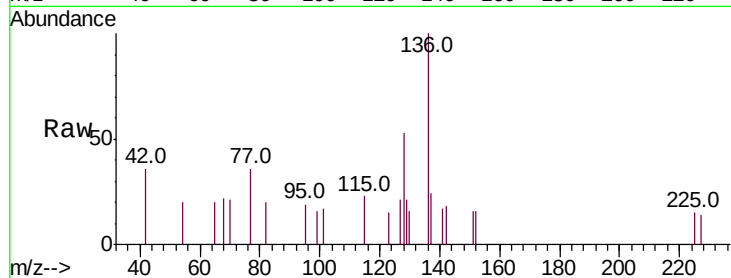
Tot Ion:128 Resp: 364

Ion Ratio Lower Upper

128 100

129 40.7 9.6 14.4#

127 38.9 11.4 17.2#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

10.32

150

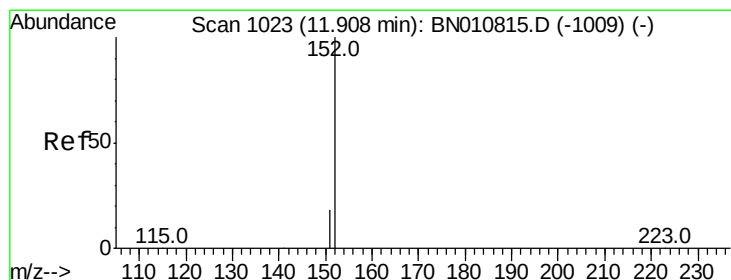
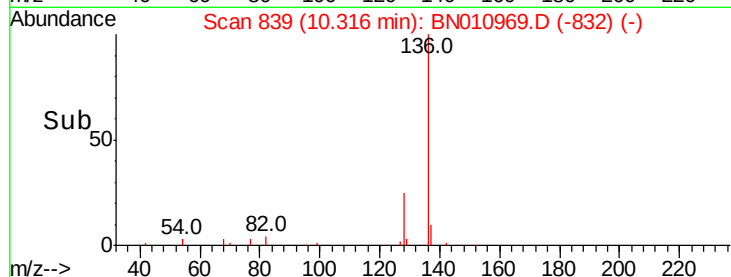
100

50

0

Time-->

10.20 10.30 10.40 10.50



#11

2-Methylnaphthalene-d10

Concen: 0.436 ng

RT: 11.88 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BN010969.D

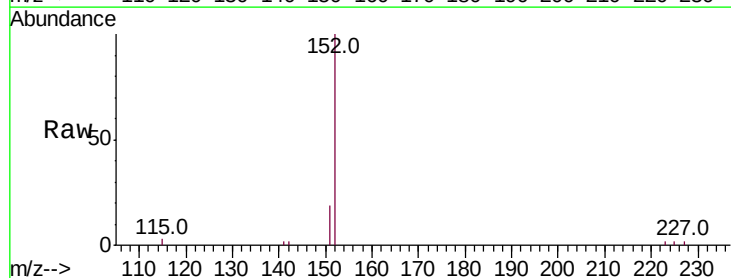
Acq: 19 Jun 2020 14:36

Tgt Ion:152 Resp: 4776

Ion Ratio Lower Upper

152 100

151 19.4 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.88

3000

2500

2000

1500

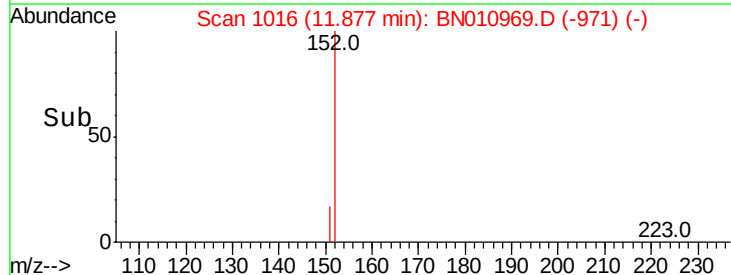
1000

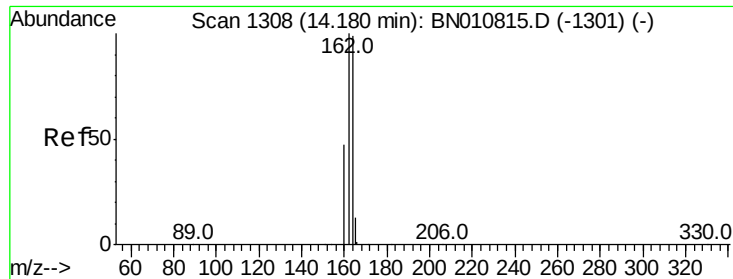
500

0

Time-->

11.80 11.90 12.00





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.16 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BN010969.D

Acq: 19 Jun 2020 14:36

Instrument :

BNA_N

ClientSampleId :

MW201D1-20200616

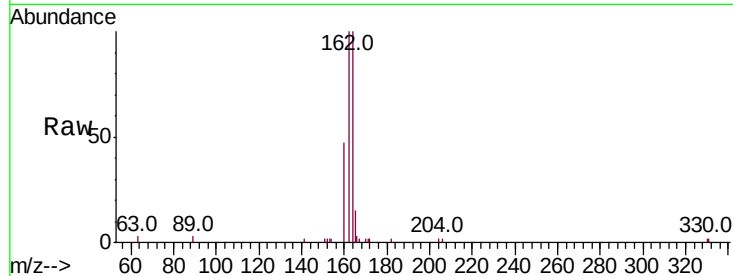
Tot Ion:164 Resp: 4306

Ion Ratio Lower Upper

164 100

162 100.4 81.0 121.6

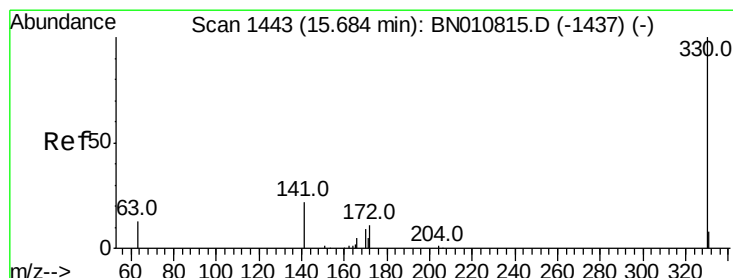
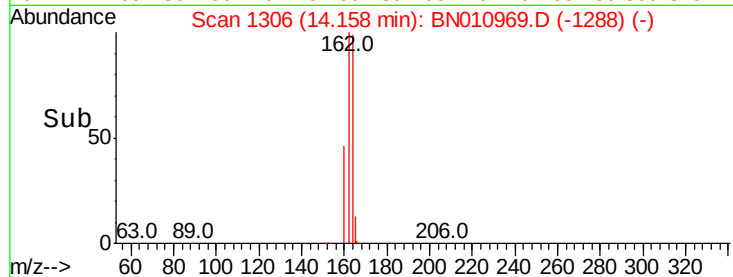
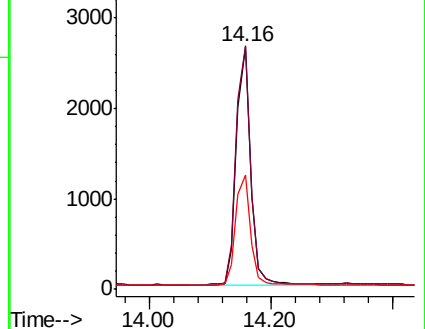
160 47.4 38.9 58.3



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: 0.354 ng

RT: 15.66 min Scan# 1441

Delta R.T. 0.01 min

Lab File: BN010969.D

Acq: 19 Jun 2020 14:36

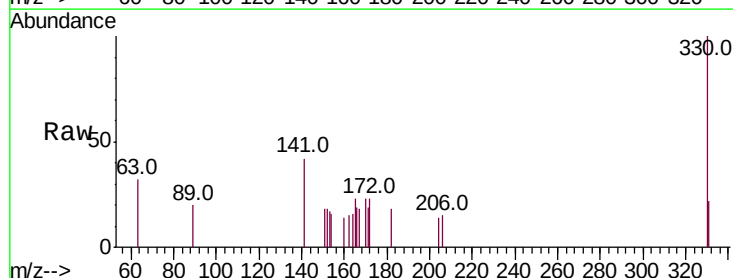
Tgt Ion:330 Resp: 545

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

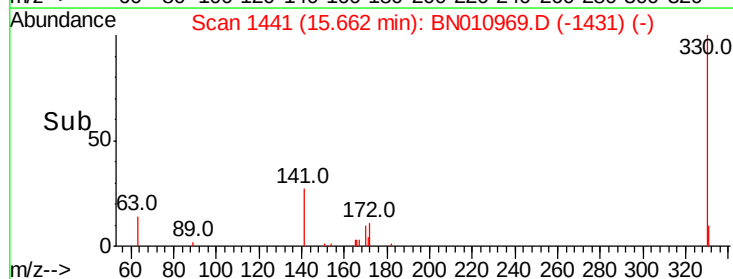
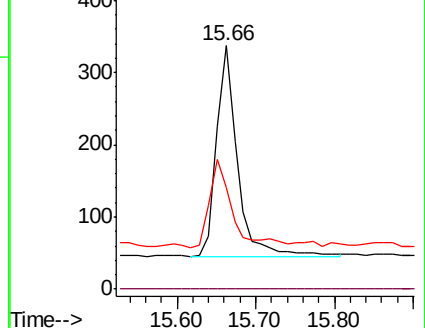
141 43.9 33.2 49.8

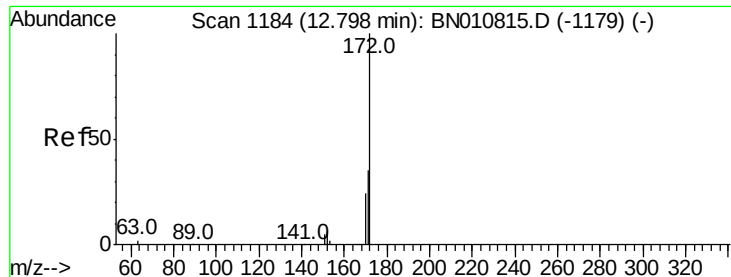


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

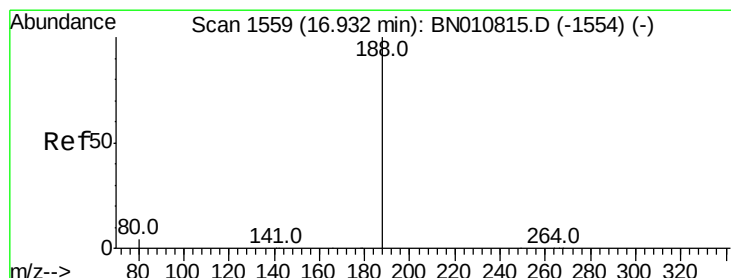
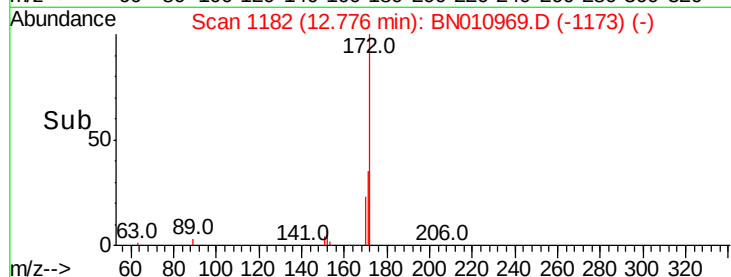
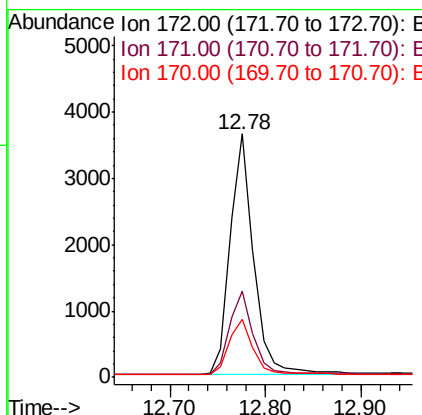
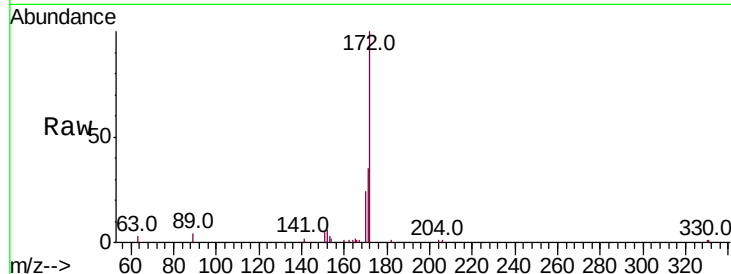




#15
2-Fluorobiphenyl
Concen: 0.366 ng
RT: 12.78 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BN010969.D
Acq: 19 Jun 2020 14:36

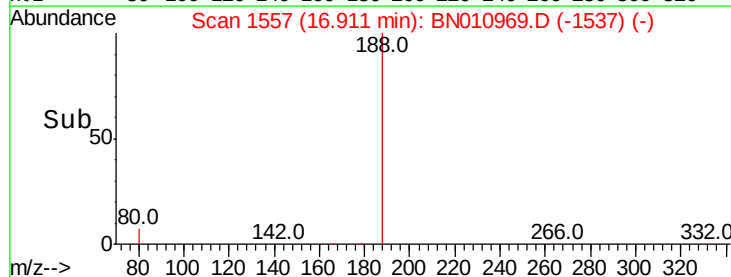
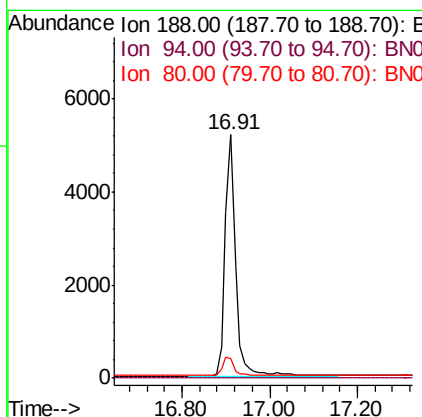
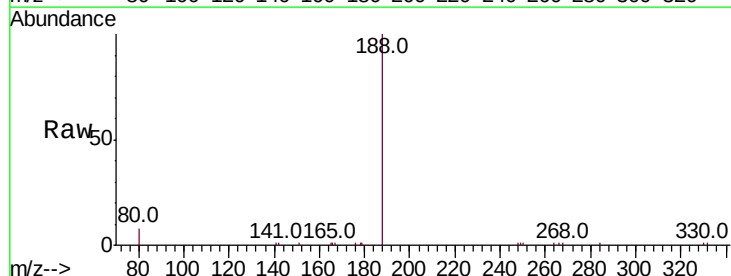
Instrument :
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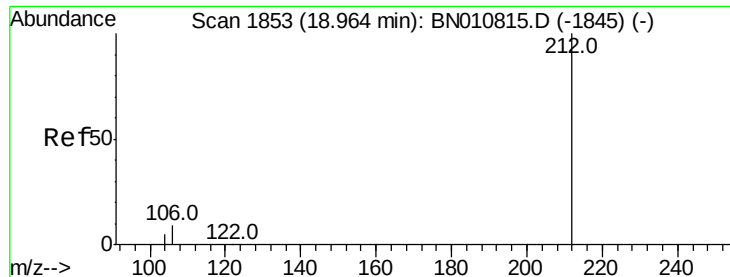
Tot Ion:172 Resp: 6216
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 23.9 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.91 min Scan# 1557
Delta R.T. 0.01 min
Lab File: BN010969.D
Acq: 19 Jun 2020 14:36

Tgt Ion:188 Resp: 8632
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.9 4.5 6.7#

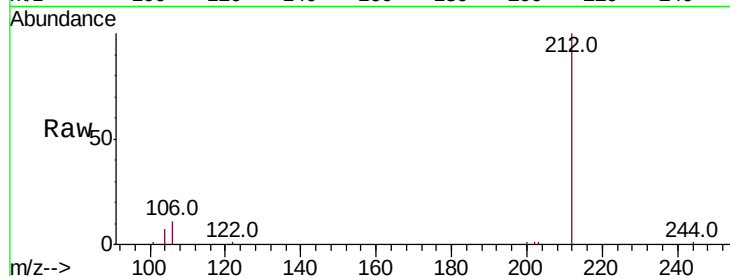




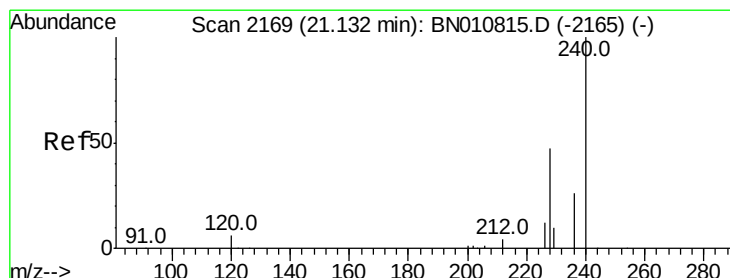
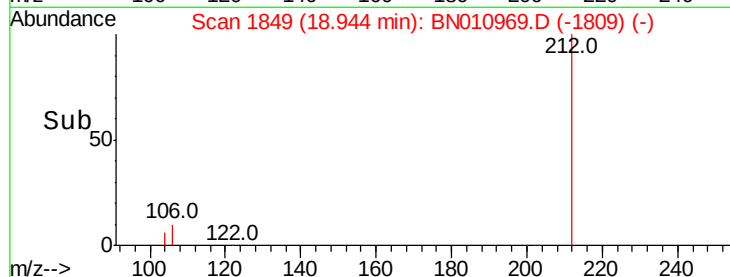
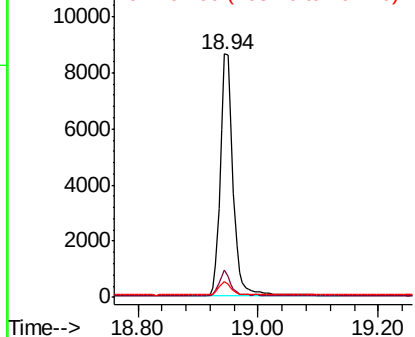
#25
Fluoranthene-d10
Concen: 0.538 ng
RT: 18.94 min Scan# 1849
Delta R.T. -0.00 min
Lab File: BN010969.D
Acq: 19 Jun 2020 14:36

Instrument :
BNA_N
ClientSampleId :
MW201D1-20200616

Tot Ion:212 Resp: 12827
Ion Ratio Lower Upper
212 100
106 9.2 6.6 10.0
104 5.3 4.0 6.0

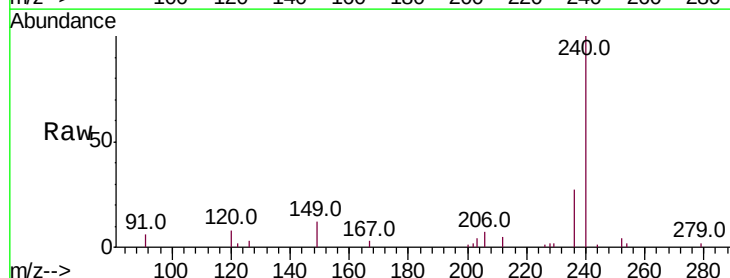


Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E

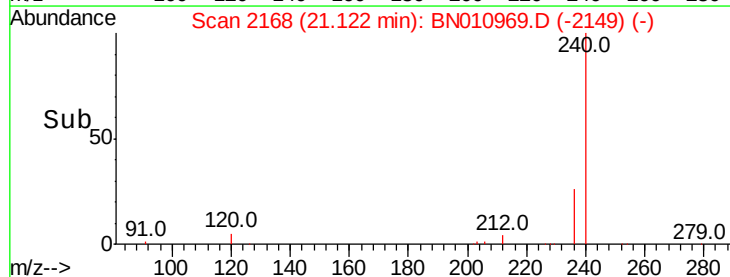
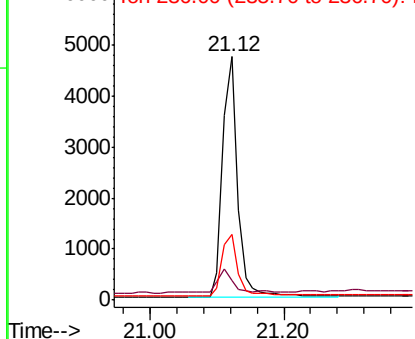


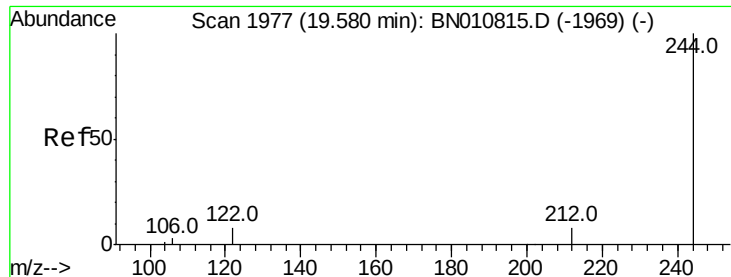
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.12 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BN010969.D
Acq: 19 Jun 2020 14:36

Tgt Ion:240 Resp: 7395
Ion Ratio Lower Upper
240 100
120 8.2 7.5 11.3
236 27.2 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: 0.573 ng

RT: 19.56 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BN010969.D

Acq: 19 Jun 2020 14:36

Instrument :

BNA_N

ClientSampleId :

MW201D1-20200616

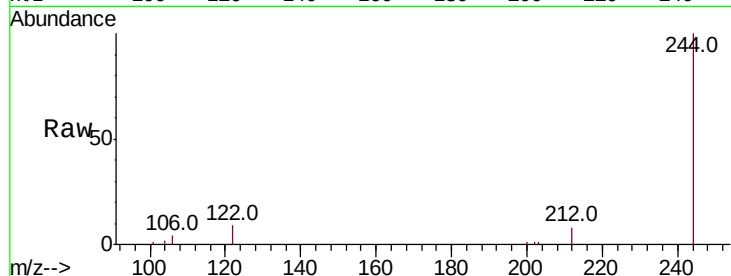
Tot Ion:244 Resp: 9914

Ion Ratio Lower Upper

244 100

212 8.5 7.4 11.2

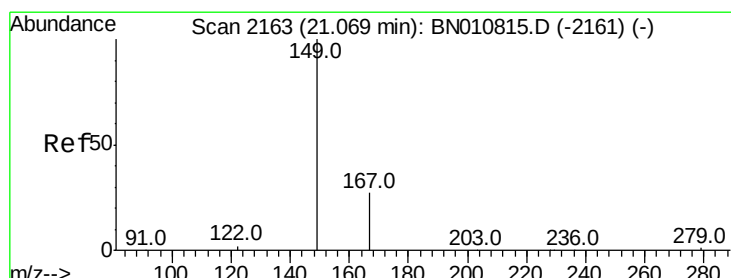
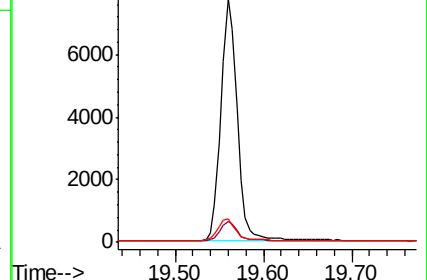
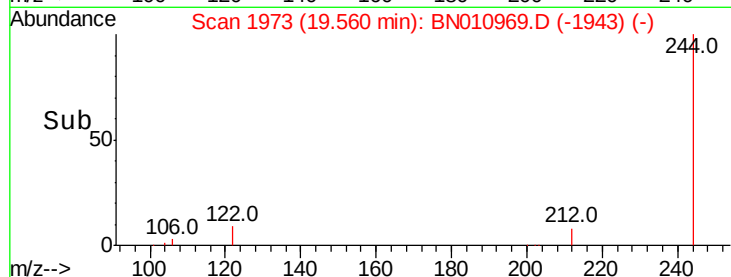
122 9.5 7.5 11.3



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: 0.150 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BN010969.D

Acq: 19 Jun 2020 14:36

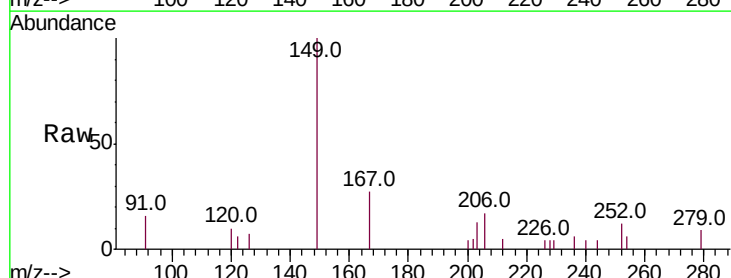
Tgt Ion:149 Resp: 1087

Ion Ratio Lower Upper

149 100

167 30.8 24.1 36.1

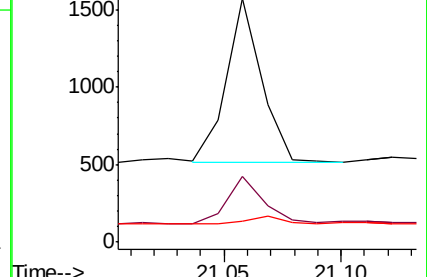
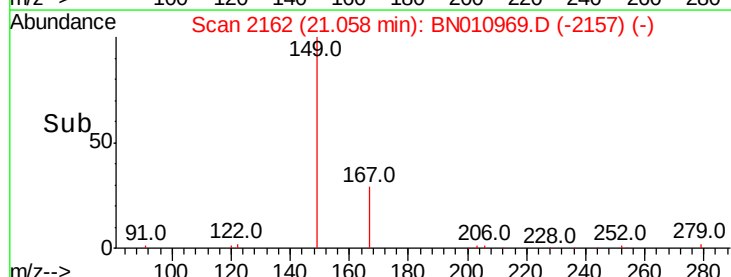
279 5.1 4.6 7.0

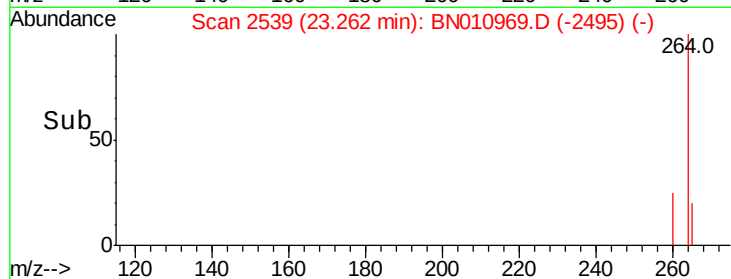
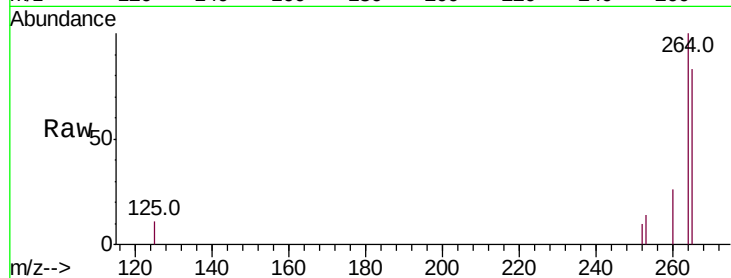
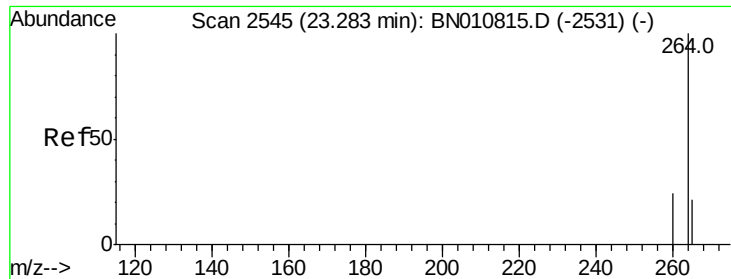


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2539

Delta R.T. -0.00 min

Lab File: BN010969.D

Acq: 19 Jun 2020 14:36

Instrument :

BNA_N

ClientSampleId :

MW201D1-20200616

Tot Ion:264 Resp: 7743

Ion Ratio Lower Upper

264 100

260 25.7 20.4 30.6

265 82.9 75.0 112.4

