

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061920\
 Data File : BN010984.D
 Acq On : 20 Jun 2020 01:58
 Operator : CG/JU
 Sample : L3043-04DL 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20200616DL

Quant Time: Jun 20 06:39:58 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

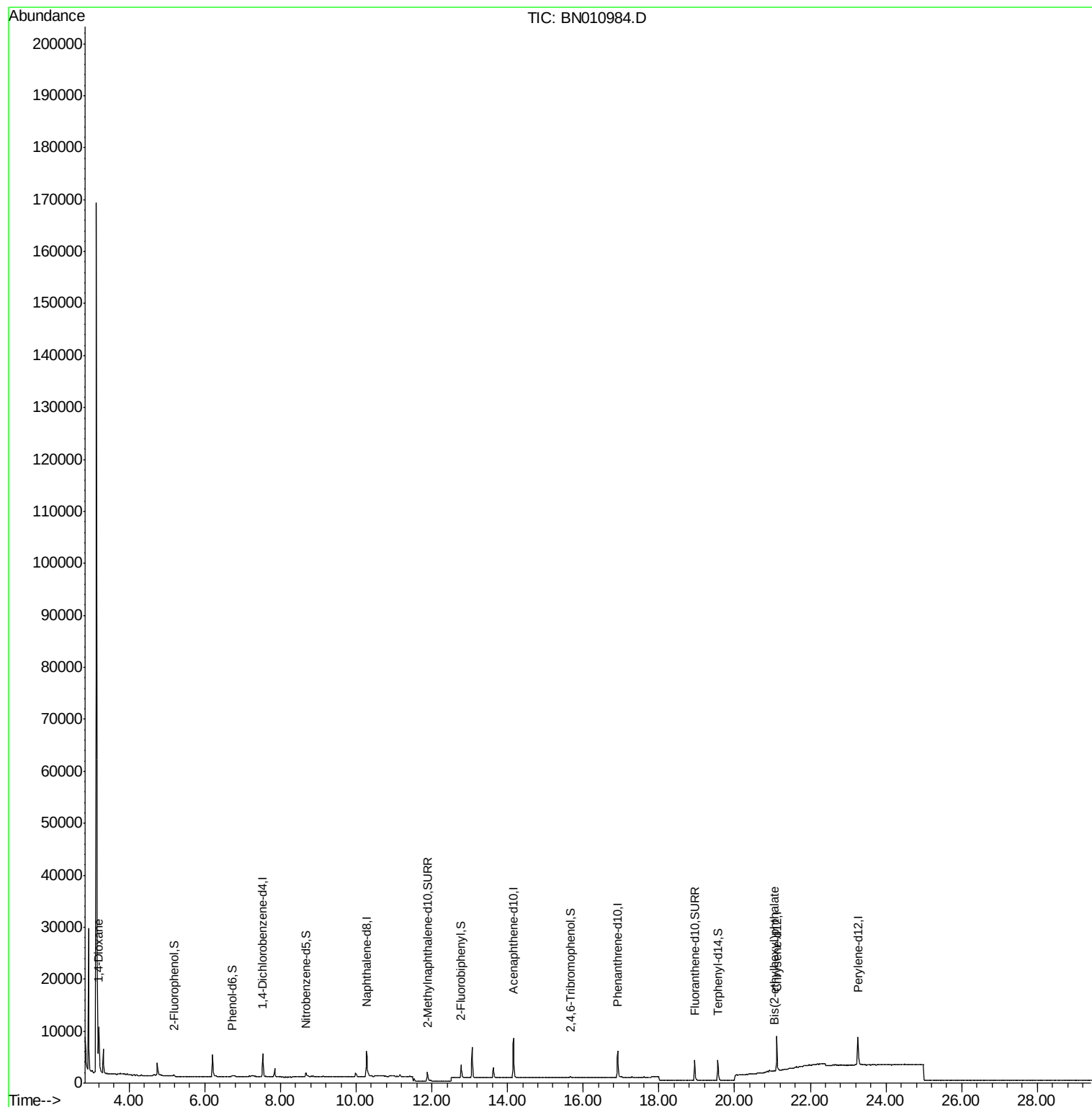
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	2360	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	7971	0.40	ng	0.00
13) Acenaphthene-d10	14.16	164	5008	0.40	ng	0.00
19) Phenanthrene-d10	16.91	188	9308	0.40	ng	0.01
27) Chrysene-d12	21.11	240	7883	0.40	ng	-0.01
34) Perylene-d12	23.26	264	7943	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	284	0.06	ng	0.00
5) Phenol-d6	6.74	99	210	0.04	ng	0.00
8) Nitrobenzene-d5	8.68	82	961	0.16	ng	0.01
11) 2-Methylnaphthalene-d10	11.89	152	2196	0.18	ng	0.00
14) 2,4,6-Tribromophenol	15.66	330	243	0.14	ng	0.01
15) 2-Fluorobiphenyl	12.78	172	2707	0.14	ng	0.00
25) Fluoranthene-d10	18.95	212	5732	0.22	ng	0.00
29) Terphenyl-d14	19.56	244	4526	0.25	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.21	88	6279	2.716	ng	98
32) Bis(2-ethylhexyl)phthalate	21.06	149	279	0.036	ng	99

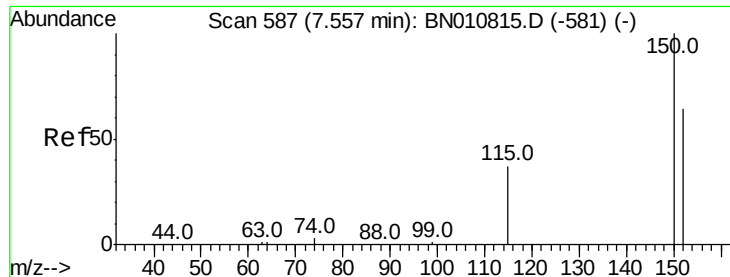
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 19 12:43:49 2020
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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: BN010984.D

Acq: 20 Jun 2020 01:58

Instrument :

BNA_N

ClientSampleId :

RE103D1-20200616DL

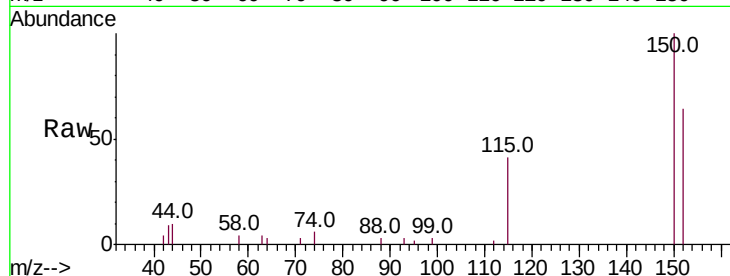
Tot Ion:152 Resp: 2360

Ion Ratio Lower Upper

152 100

150 155.1 123.8 185.6

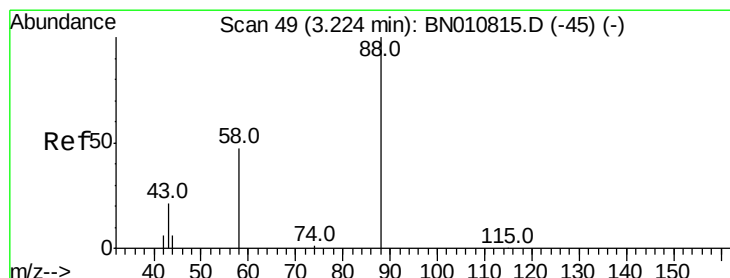
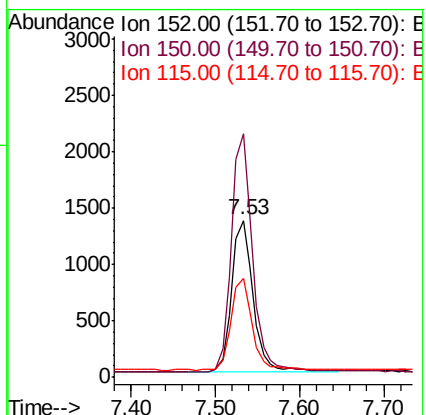
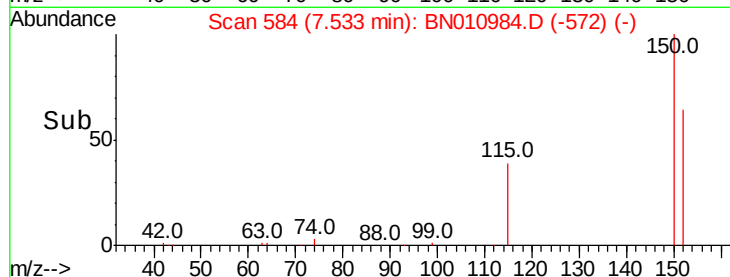
115 63.3 49.2 73.8



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: 2.716 ng

RT: 3.21 min Scan# 47

Delta R.T. -0.01 min

Lab File: BN010984.D

Acq: 20 Jun 2020 01:58

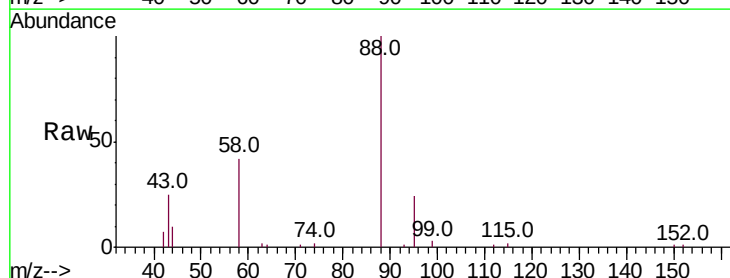
Tgt Ion: 88 Resp: 6279

Ion Ratio Lower Upper

88 100

58 46.7 38.2 57.4

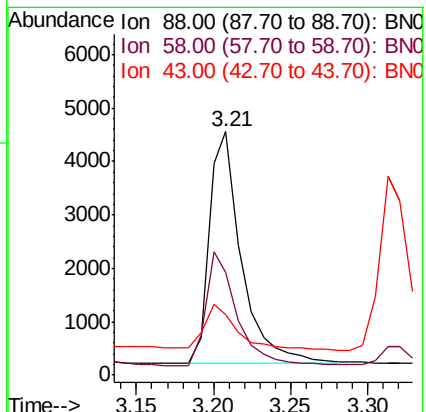
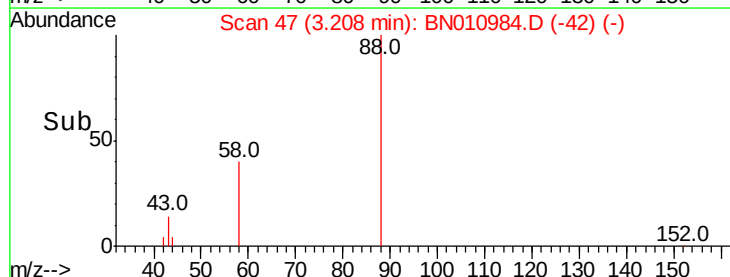
43 20.2 15.1 22.7

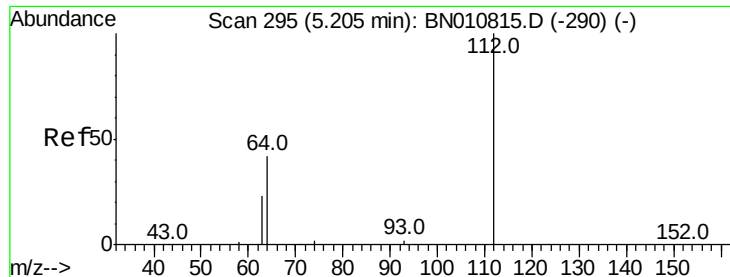


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.062 ng

RT: 5.18 min Scan# 292

Delta R.T. -0.00 min

Lab File: BN010984.D

Acq: 20 Jun 2020 01:58

Instrument :

BNA_N

ClientSampleId :

RE103D1-20200616DL

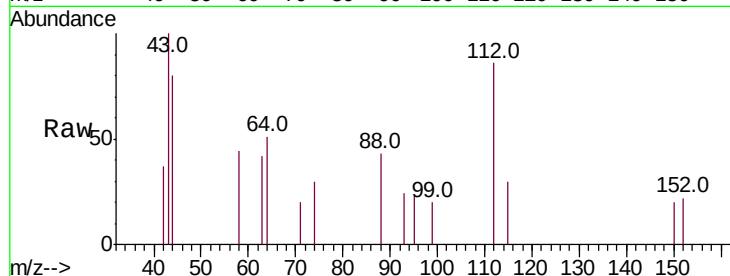
Tot Ion:112 Resp: 284

Ion Ratio Lower Upper

112 100

64 50.4 37.4 56.0

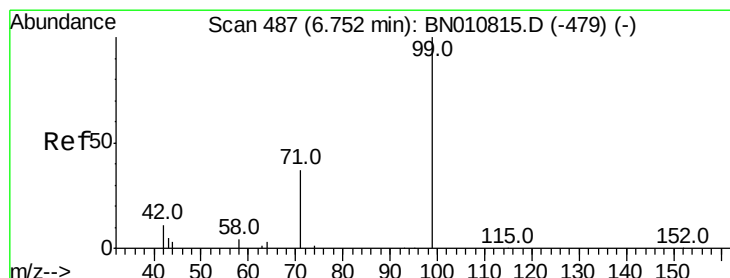
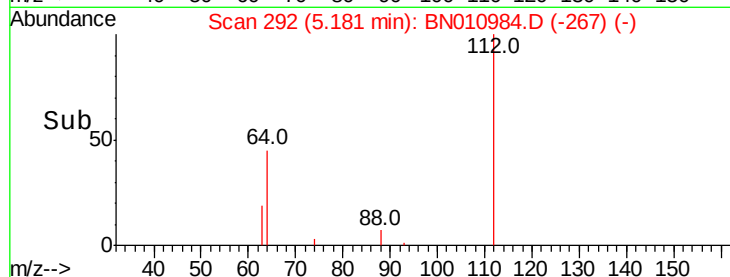
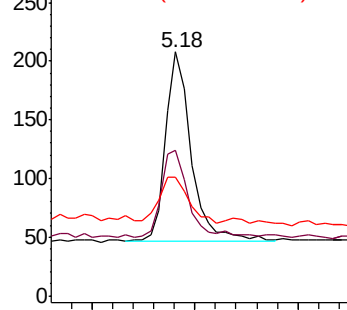
63 26.4 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#5

Phenol-d6

Concen: 0.039 ng

RT: 6.74 min Scan# 485

Delta R.T. 0.01 min

Lab File: BN010984.D

Acq: 20 Jun 2020 01:58

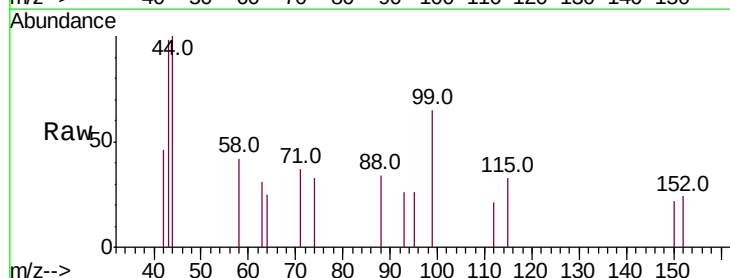
Tgt Ion: 99 Resp: 210

Ion Ratio Lower Upper

99 100

42 39.0 11.1 16.7#

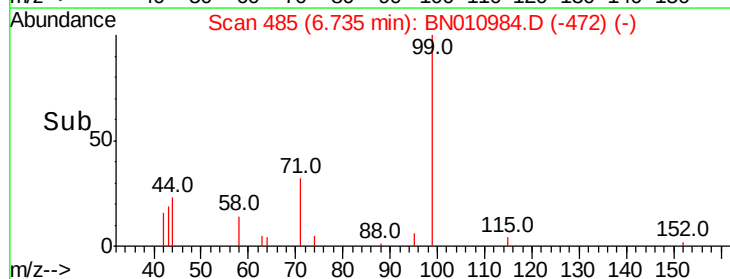
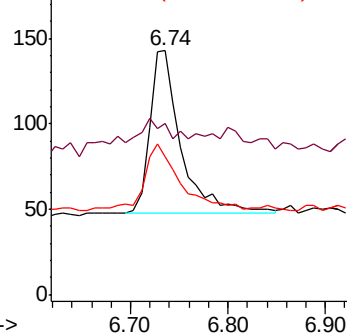
71 50.0 31.4 47.2#

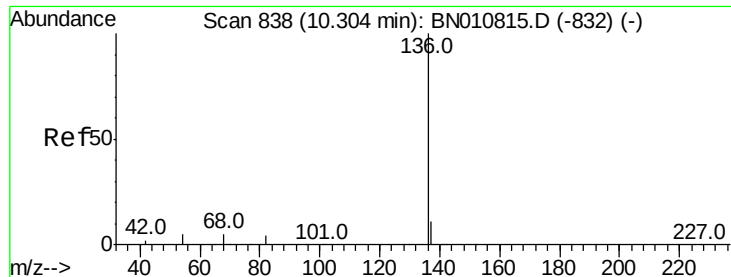


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.28 min Scan# 836

Delta R.T. -0.00 min

Lab File: BN010984.D

Acq: 20 Jun 2020 01:58

Instrument :

BNA_N

ClientSampleId :

RE103D1-20200616DL

Tot Ion:136 Resp: 7971

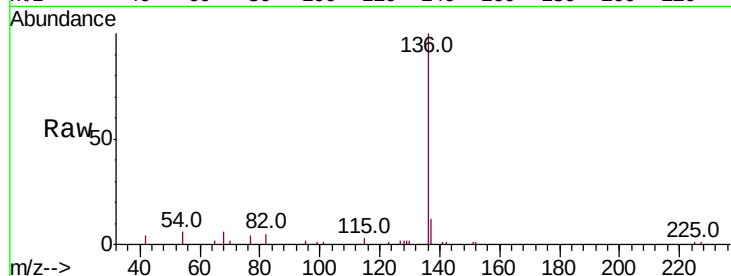
Ion Ratio Lower Upper

136 100

137 12.2 9.7 14.5

54 5.6 4.9 7.3

68 6.1 4.7 7.1

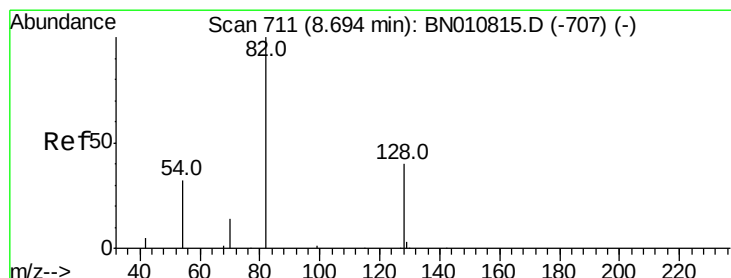
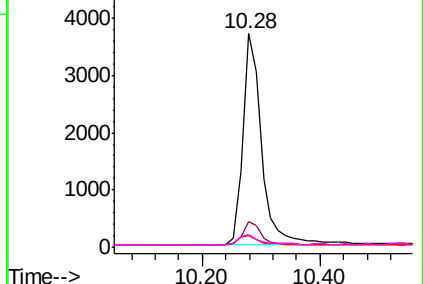
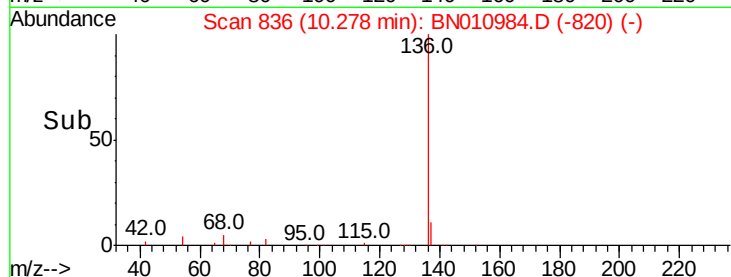


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.163 ng

RT: 8.68 min Scan# 710

Delta R.T. 0.01 min

Lab File: BN010984.D

Acq: 20 Jun 2020 01:58

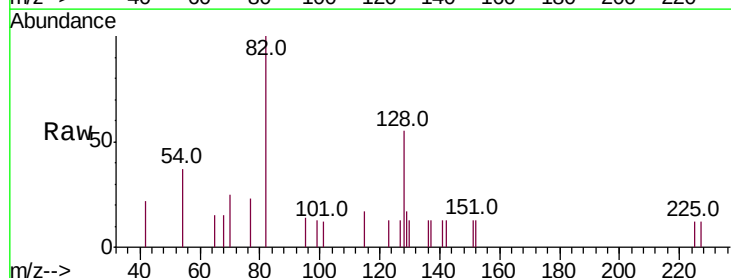
Tgt Ion: 82 Resp: 961

Ion Ratio Lower Upper

82 100

128 54.6 35.4 53.0#

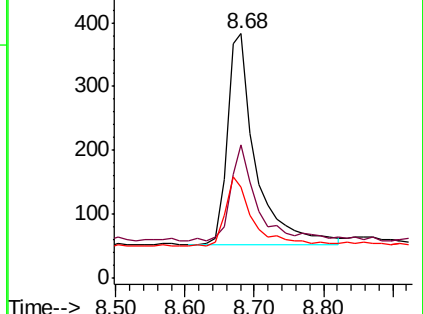
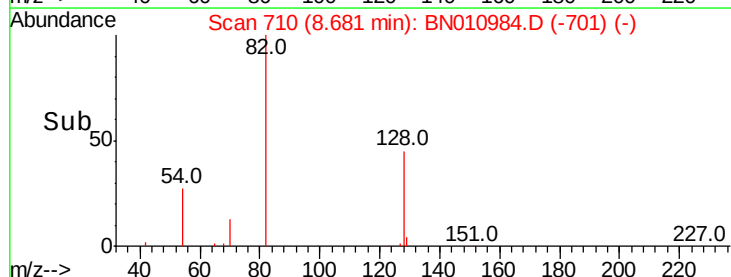
54 36.8 28.2 42.4

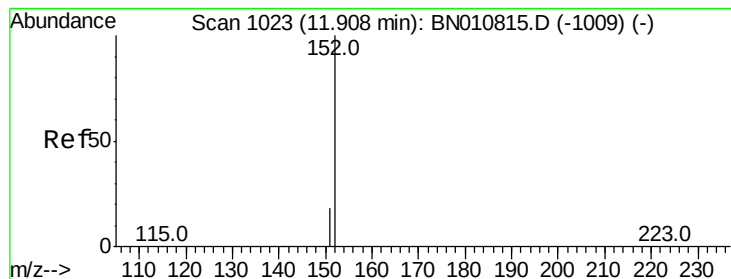


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#11

2-Methylnaphthalene-d10

Concen: 0.178 ng

RT: 11.89 min Scan# 1018

Delta R.T. 0.01 min

Lab File: BN010984.D

Acq: 20 Jun 2020 01:58

Instrument :

BNA_N

ClientSampleId :

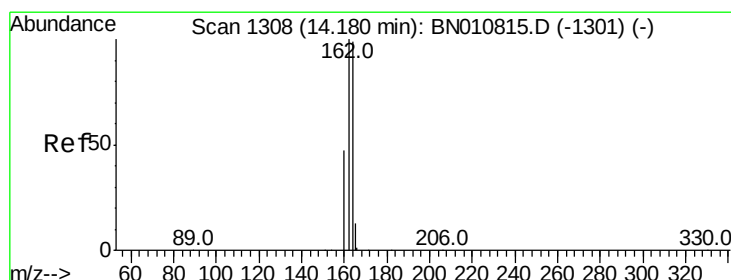
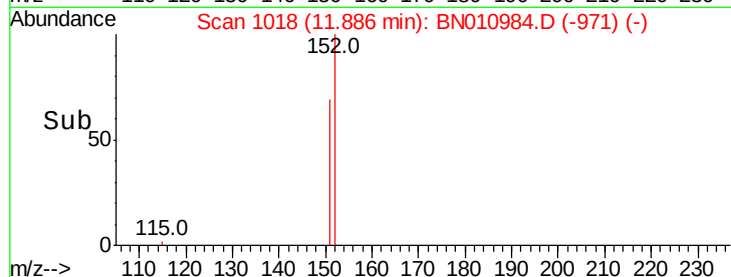
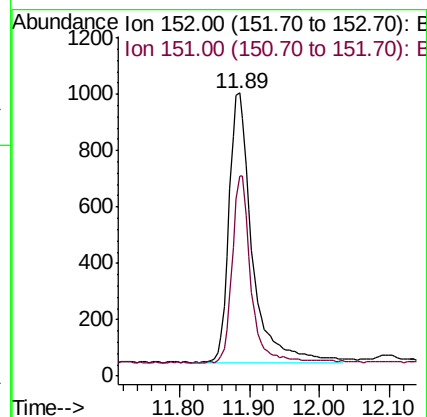
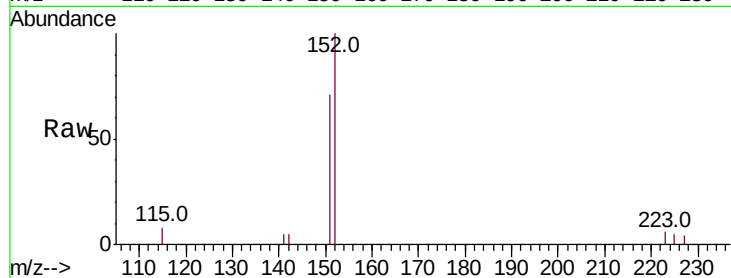
RE103D1-20200616DL

Tot Ion:152 Resp: 2196

Ion Ratio Lower Upper

152 100

151 55.2 15.3 22.9#



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.16 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BN010984.D

Acq: 20 Jun 2020 01:58

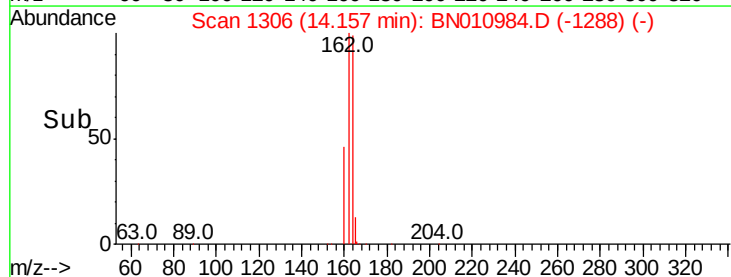
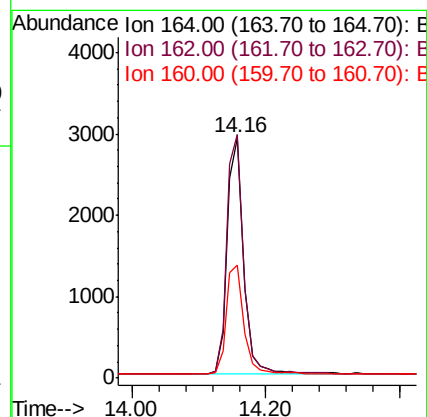
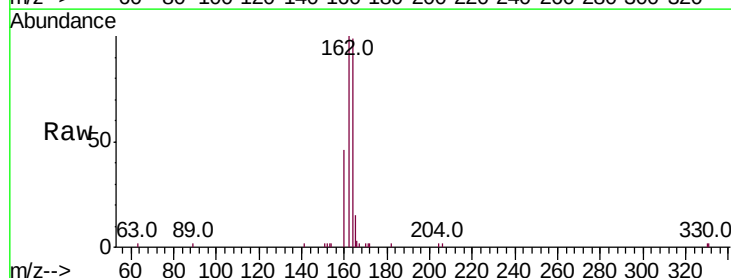
Tgt Ion:164 Resp: 5008

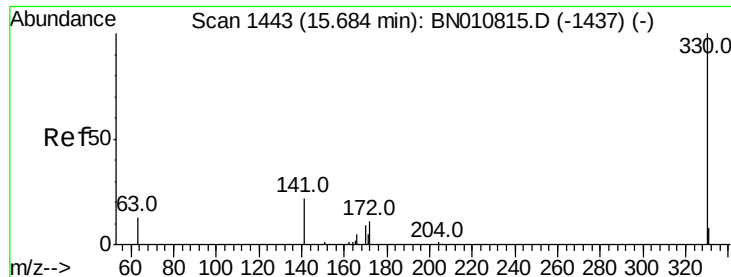
Ion Ratio Lower Upper

164 100

162 101.4 81.0 121.6

160 47.1 38.9 58.3

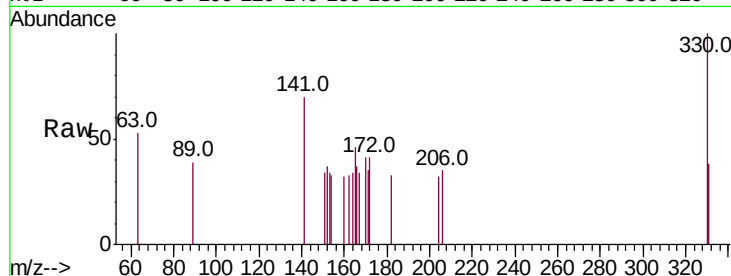




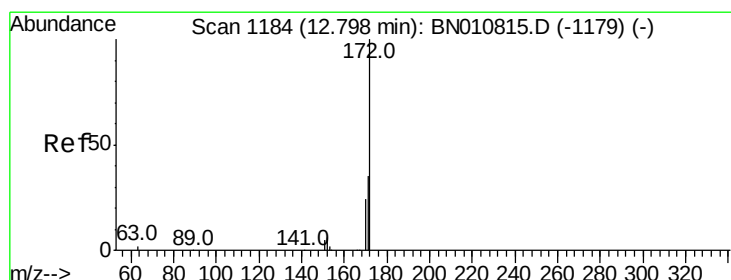
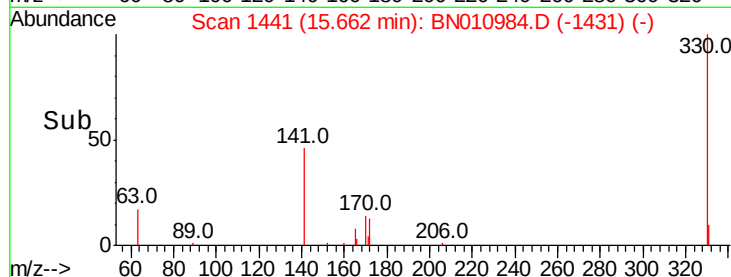
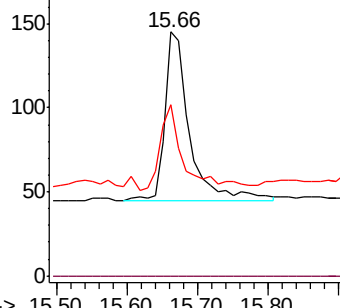
#14
2,4,6-Tribromophenol
Concen: 0.136 ng
RT: 15.66 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BN010984.D
Acq: 20 Jun 2020 01:58

Instrument :
BNA_N
ClientSampleId :
RE103D1-20200616DL

Tot Ion:330 Resp: 243
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 50.2 33.2 49.8#

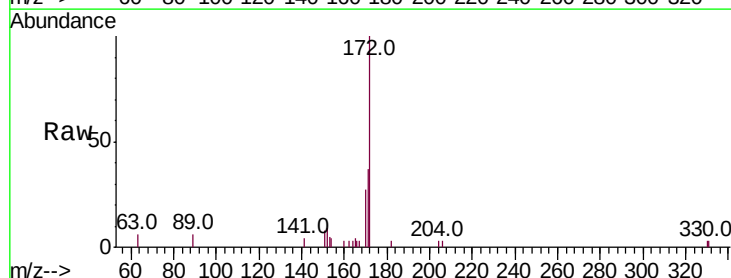


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

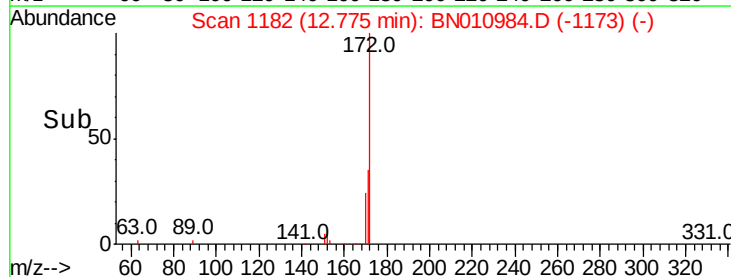
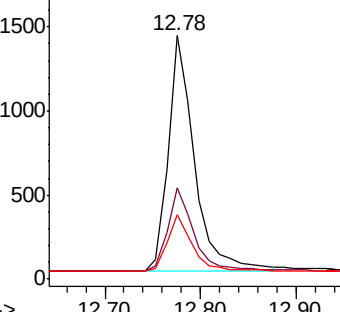


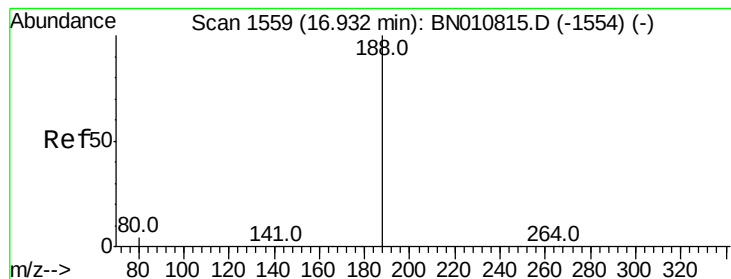
#15
2-Fluorobiphenyl
Concen: 0.137 ng
RT: 12.78 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BN010984.D
Acq: 20 Jun 2020 01:58

Tgt Ion:172 Resp: 2707
Ion Ratio Lower Upper
172 100
171 37.4 28.5 42.7
170 26.5 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: 16.91 min Scan# 1557

Delta R.T. 0.01 min

Lab File: BN010984.D

Acq: 20 Jun 2020 01:58

Instrument :

BNA_N

ClientSampleId :

RE103D1-20200616DL

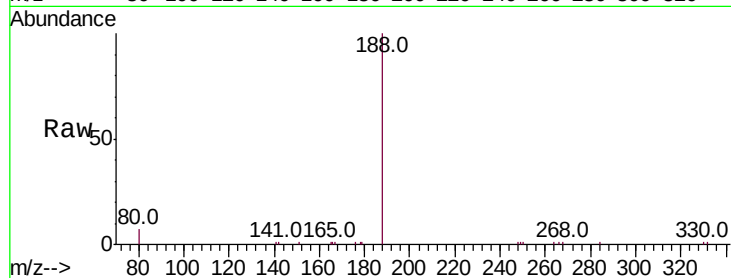
Tot Ion:188 Resp: 9308

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

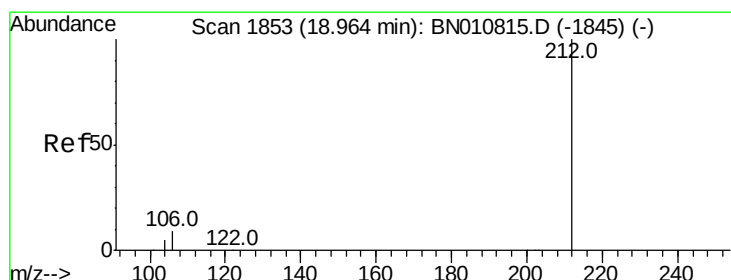
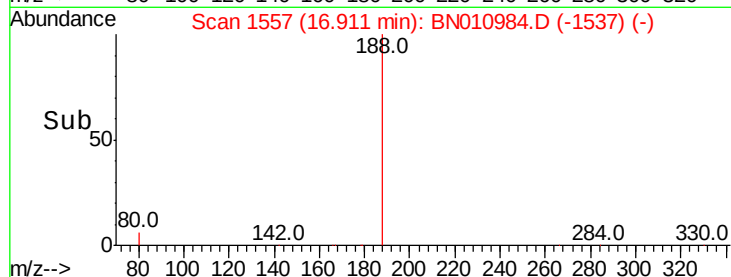
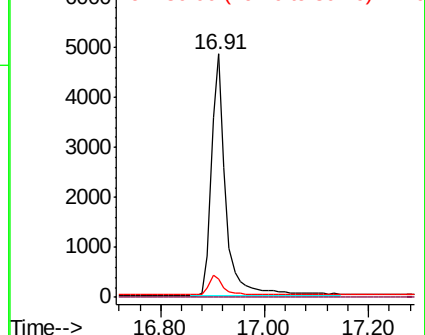
80 7.5 4.5 6.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#25

Fluoranthene-d10

Concen: 0.223 ng

RT: 18.95 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BN010984.D

Acq: 20 Jun 2020 01:58

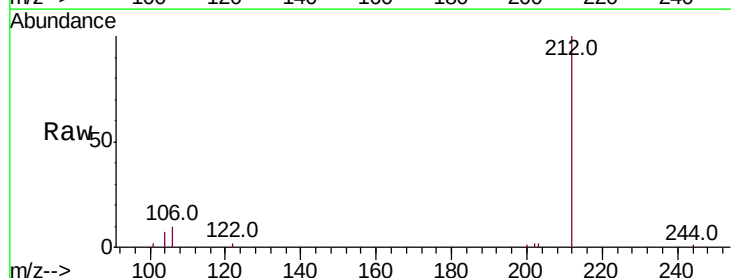
Tgt Ion:212 Resp: 5732

Ion Ratio Lower Upper

212 100

106 9.0 6.6 10.0

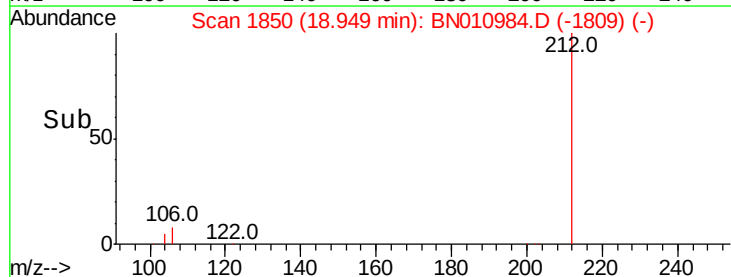
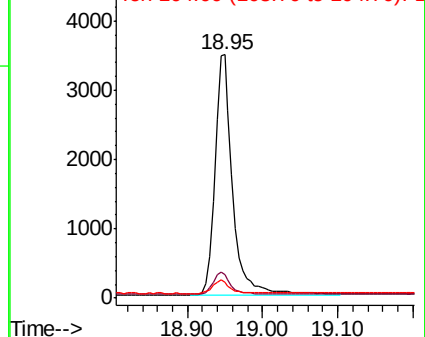
104 5.3 4.0 6.0

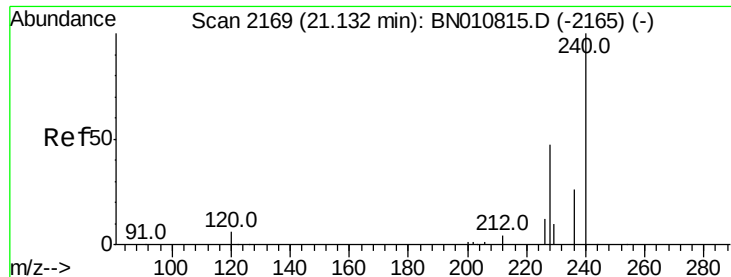


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

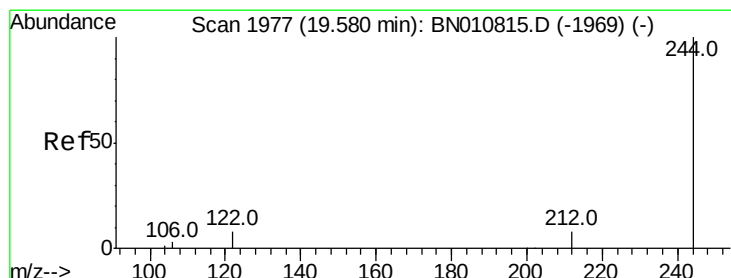
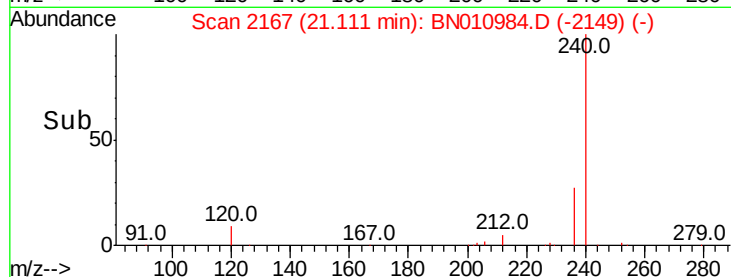
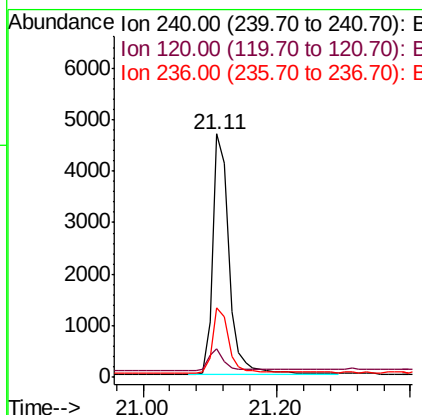
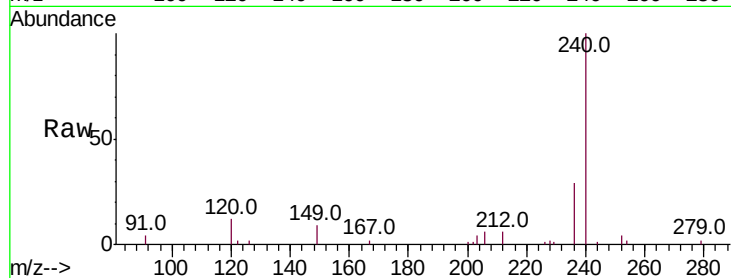




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.11 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BN010984.D
Acq: 20 Jun 2020 01:58

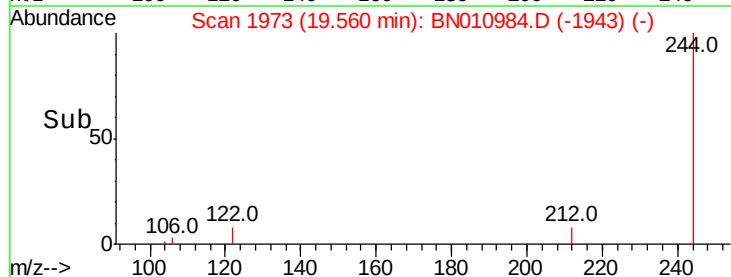
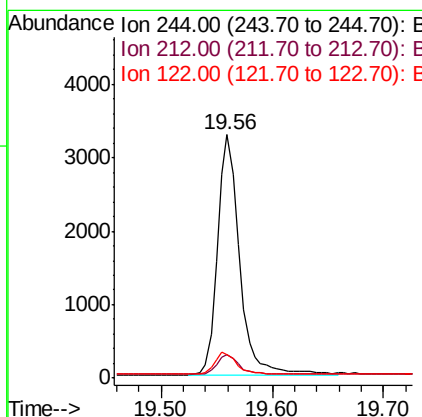
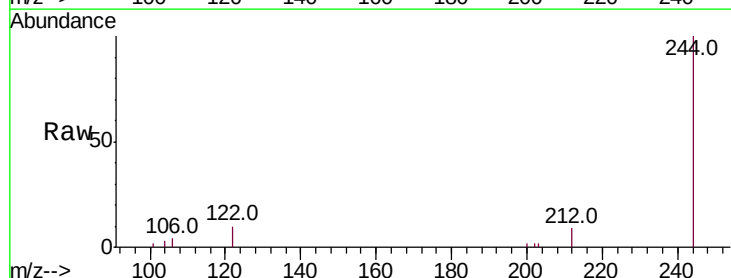
Instrument :
BNA_N
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RE103D1-20200616DL

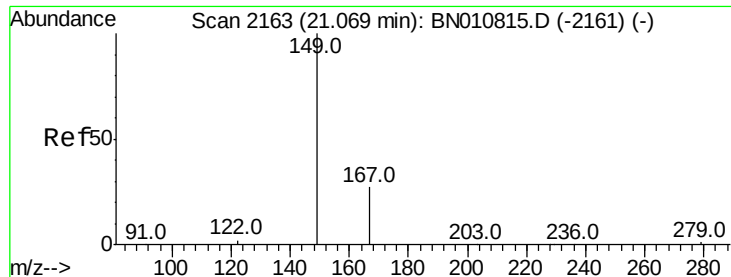
Tot Ion:240 Resp: 7883
Ion Ratio Lower Upper
240 100
120 11.5 7.5 11.3#
236 28.8 22.3 33.5



#29
Terphenyl-d14
Concen: 0.245 ng
RT: 19.56 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BN010984.D
Acq: 20 Jun 2020 01:58

Tgt Ion:244 Resp: 4526
Ion Ratio Lower Upper
244 100
212 9.5 7.4 11.2
122 9.7 7.5 11.3





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.036 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BN010984.D

Acq: 20 Jun 2020 01:58

Instrument :

BNA_N

ClientSampleId :

RE103D1-20200616DL

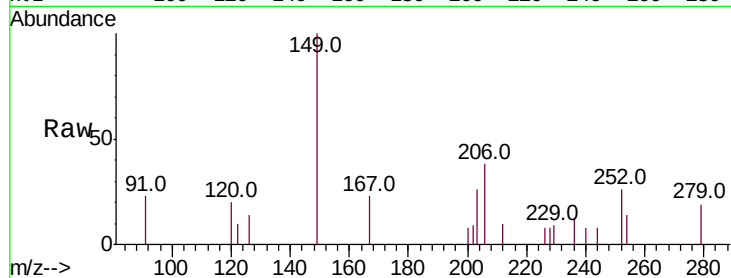
Tot Ion:149 Resp: 279

Ion Ratio Lower Upper

149 100

167 30.8 24.1 36.1

279 6.5 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

21.06

600

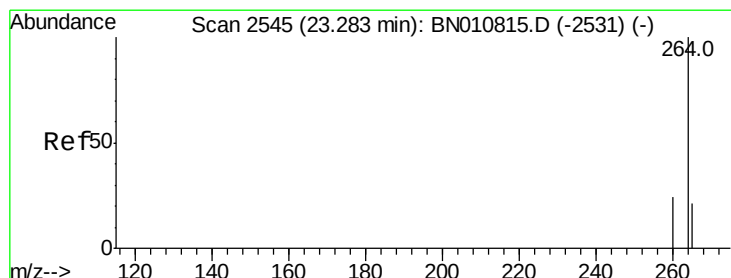
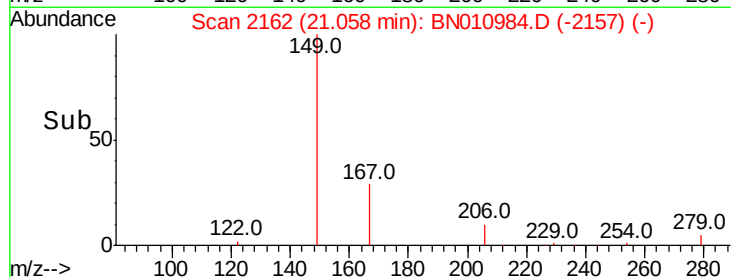
400

200

0

21.00 21.05 21.10

Time-->



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.26 min Scan# 2538

Delta R.T. -0.00 min

Lab File: BN010984.D

Acq: 20 Jun 2020 01:58

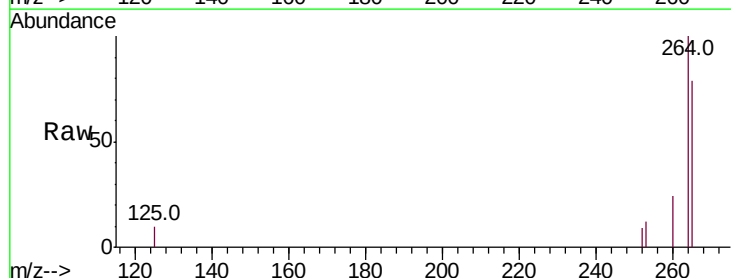
Tgt Ion:264 Resp: 7943

Ion Ratio Lower Upper

264 100

260 24.3 20.4 30.6

265 79.2 75.0 112.4



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

23.26

5000

4000

3000

2000

1000

0

23.20 23.30 23.40

Time-->

