

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061620\
 Data File : BN010925.D
 Acq On : 17 Jun 2020 03:19
 Operator : CG/JU
 Sample : L3011-20
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE-DUP04-20200612

Quant Time: Jun 17 05:16:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 16 08:49:35 2020
 Response via : Initial Calibration

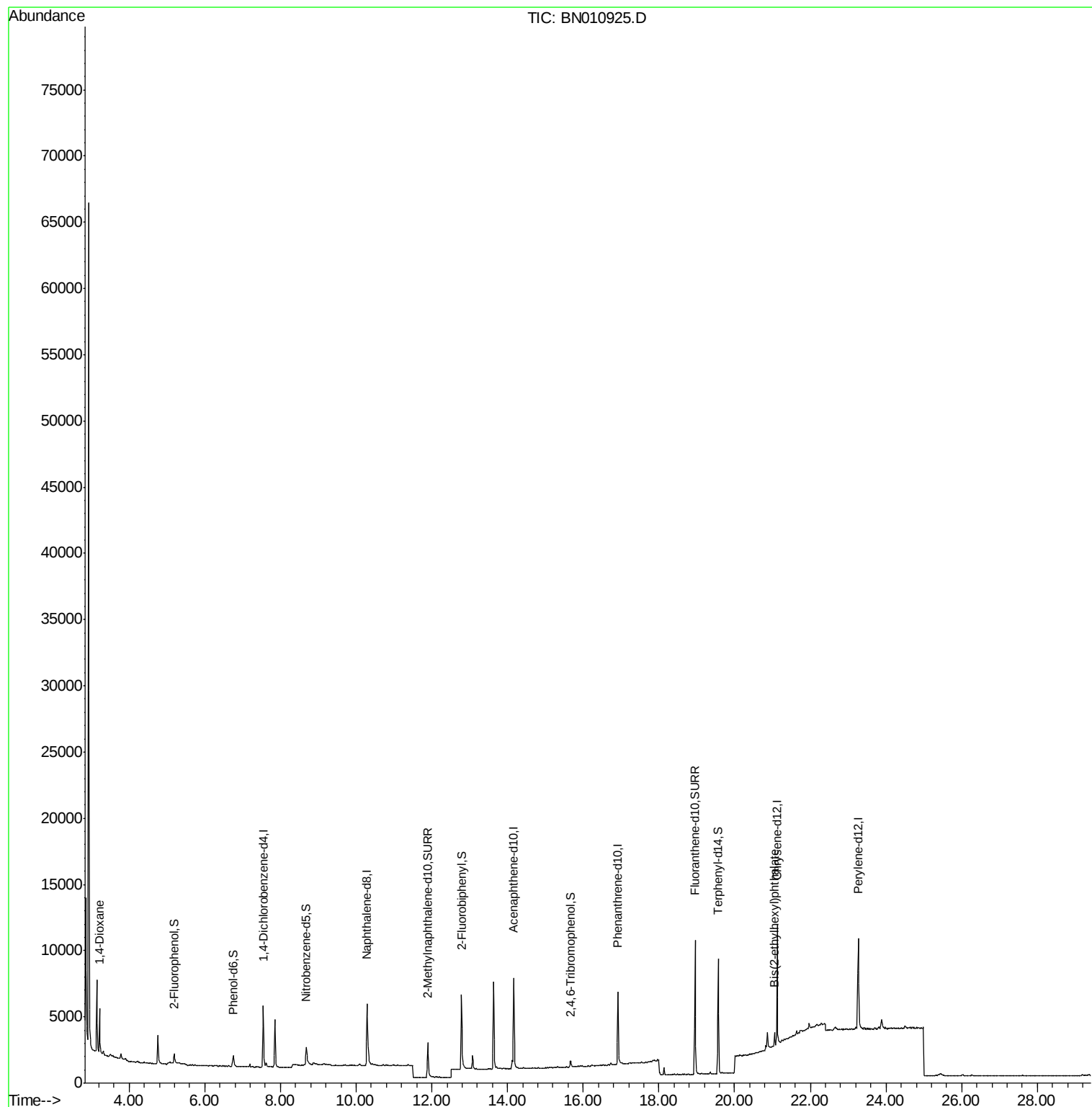
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	2368	0.40	ng	0.00
7) Naphthalene-d8	10.29	136	8102	0.40	ng	-0.01
13) Acenaphthene-d10	14.16	164	4481	0.40	ng	-0.01
19) Phenanthrene-d10	16.91	188	9467	0.40	ng	-0.01
27) Chrysene-d12	21.12	240	9393	0.40	ng	-0.01
34) Perylene-d12	23.27	264	9705	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	740	0.16	ng	0.00
5) Phenol-d6	6.74	99	481	0.09	ng	0.00
8) Nitrobenzene-d5	8.68	82	2058	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	11.89	152	4903	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	489	0.31	ng	0.00
15) 2-Fluorobiphenyl	12.79	172	6170	0.35	ng	0.00
25) Fluoranthene-d10	18.95	212	12703	0.49	ng	0.00
29) Terphenyl-d14	19.56	244	9308	0.42	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.22	88	2736	1.180	ng	97
32) Bis(2-ethylhexyl)phthalate	21.06	149	832	0.090	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: 7.54 min Scan# 585

Delta R.T. -0.01 min

Lab File: BN010925.D

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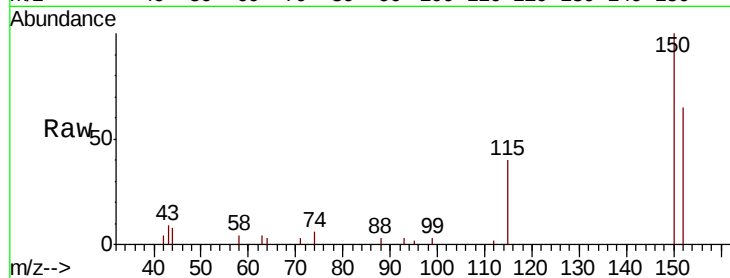
Tot Ion:152 Resp: 2368

Ion Ratio Lower Upper

152 100

150 154.5 123.8 185.6

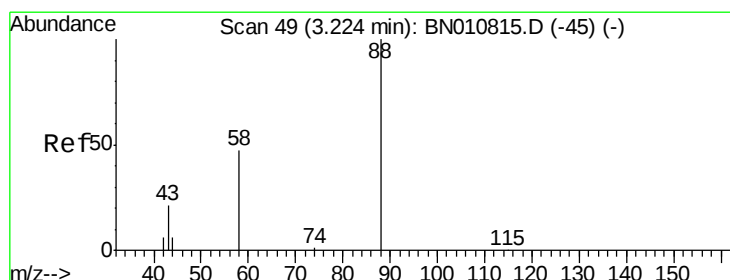
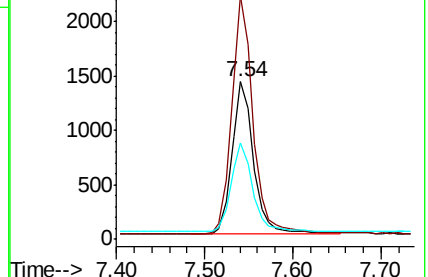
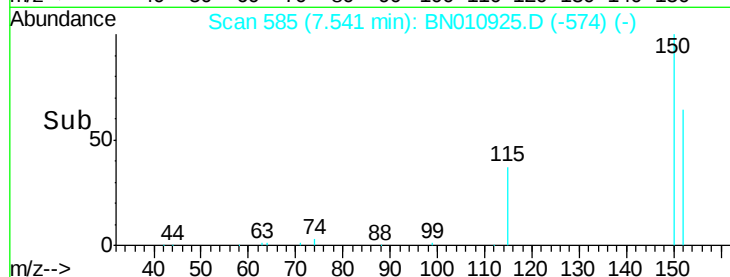
115 61.5 49.2 73.8



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: 1.180 ng

RT: 3.22 min Scan# 48

Delta R.T. -0.01 min

Lab File: BN010925.D

Acq: 17 Jun 2020 03:19

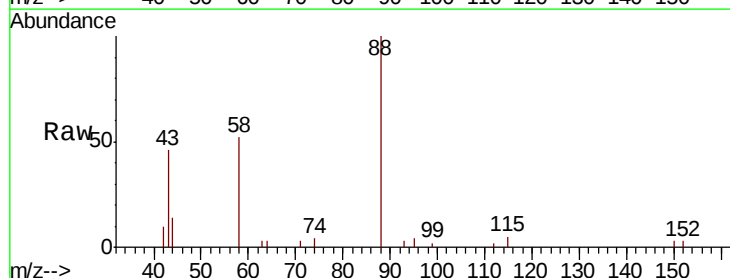
Tgt Ion: 88 Resp: 2736

Ion Ratio Lower Upper

88 100

58 47.3 38.2 57.4

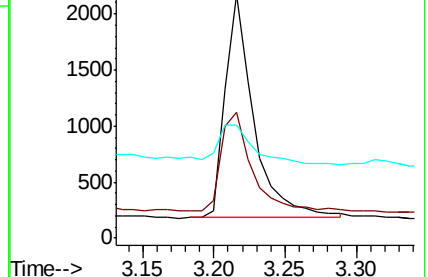
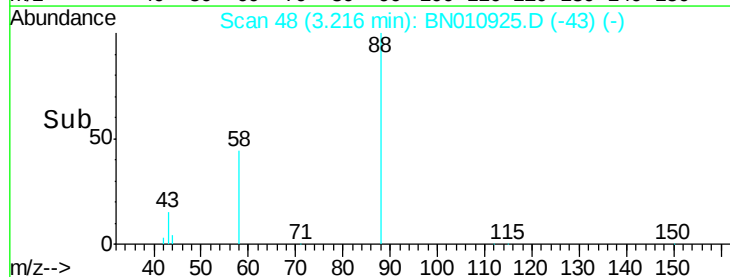
43 22.6 15.1 22.7

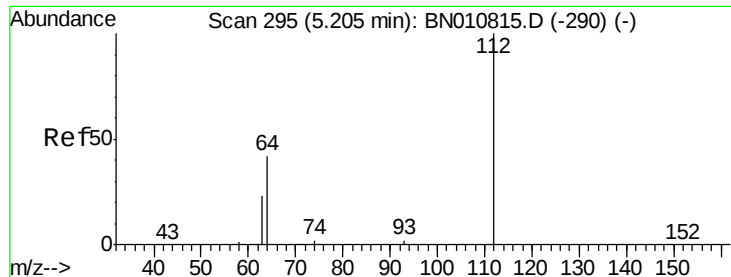


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.162 ng

RT: 5.20 min Scan# 294

Delta R.T. -0.00 min

Lab File: BN010925.D

Acq: 17 Jun 2020 03:19

Instrument :

BNA_N

ClientSampleId :

RE-DUP04-20200612

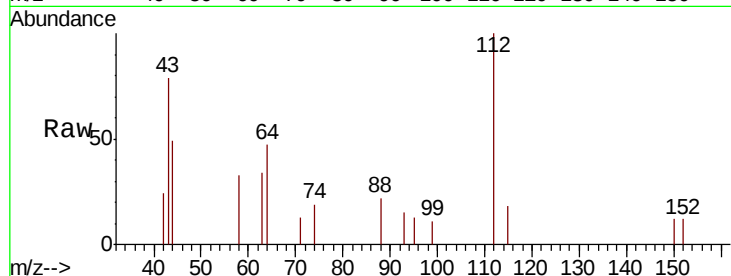
Tot Ion: 112 Resp: 740

Ion Ratio Lower Upper

112 100

64 46.6 37.4 56.0

63 25.3 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

5.20

400

300

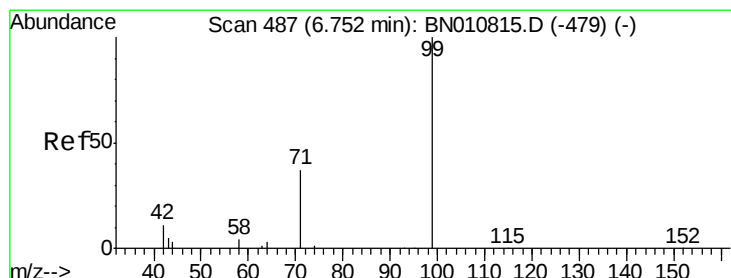
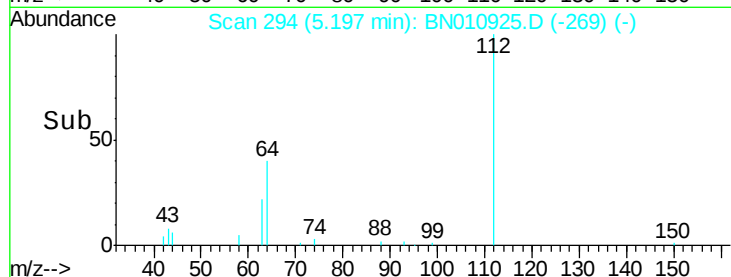
200

100

0

5.10 5.20 5.30

Time-->



#5

Phenol-d6

Concen: 0.089 ng

RT: 6.74 min Scan# 485

Delta R.T. -0.01 min

Lab File: BN010925.D

Acq: 17 Jun 2020 03:19

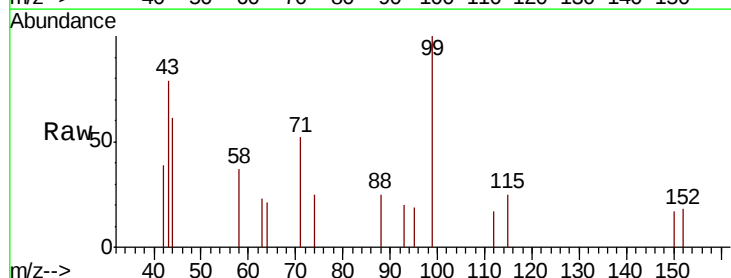
Tgt Ion: 99 Resp: 481

Ion Ratio Lower Upper

99 100

42 28.5 11.1 16.7#

71 45.3 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

6.74

400

300

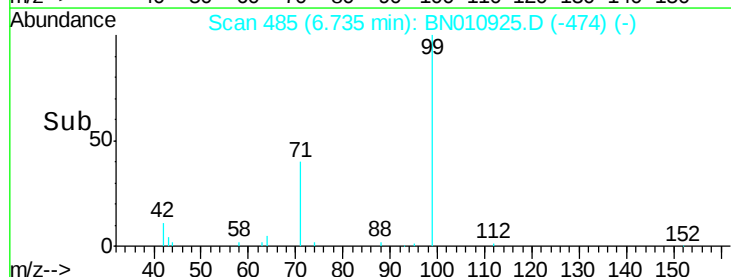
200

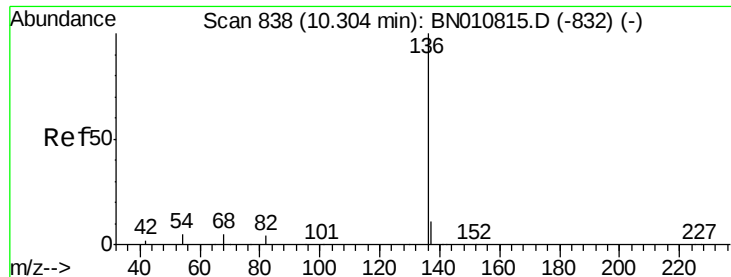
100

0

6.70 6.80

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.29 min Scan# 837

Delta R.T. -0.01 min

Lab File: BN010925.D

Acq: 17 Jun 2020 03:19

Instrument :

BNA_N

ClientSampleId :

RE-DUP04-20200612

Tot Ion:136 Resp: 8102

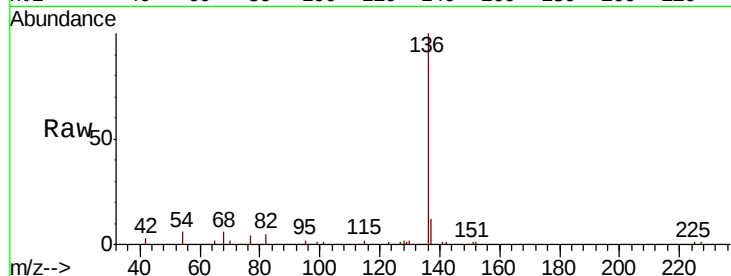
Ion Ratio Lower Upper

136 100

137 12.0 9.7 14.5

54 5.7 4.9 7.3

68 6.3 4.7 7.1

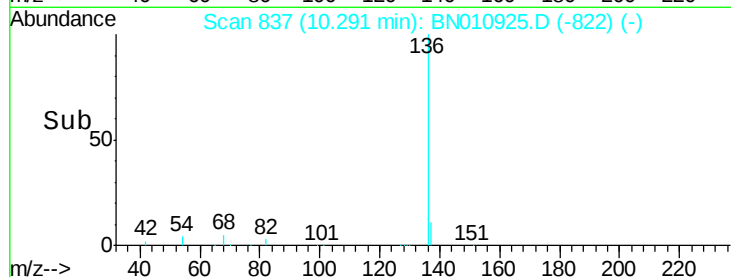


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

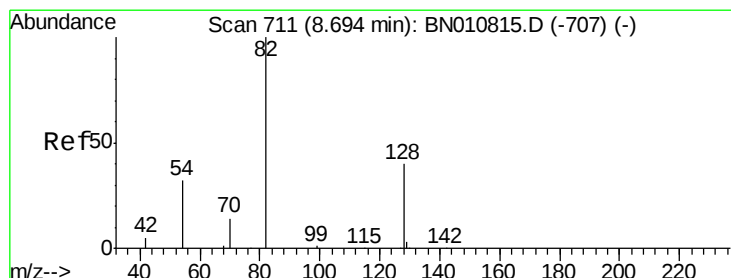
Ion 68.00 (67.70 to 68.70): BNC



Abundance

10.29

Time-->



#8

Nitrobenzene-d5

Concen: 0.343 ng

RT: 8.68 min Scan# 710

Delta R.T. -0.00 min

Lab File: BN010925.D

Acq: 17 Jun 2020 03:19

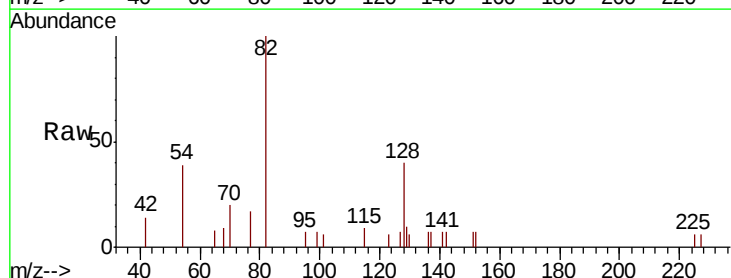
Tgt Ion: 82 Resp: 2058

Ion Ratio Lower Upper

82 100

128 40.5 35.4 53.0

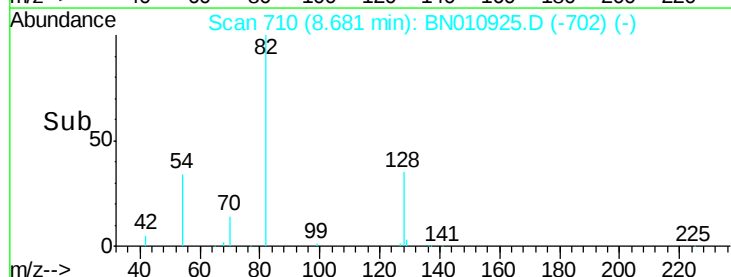
54 38.5 28.2 42.4



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

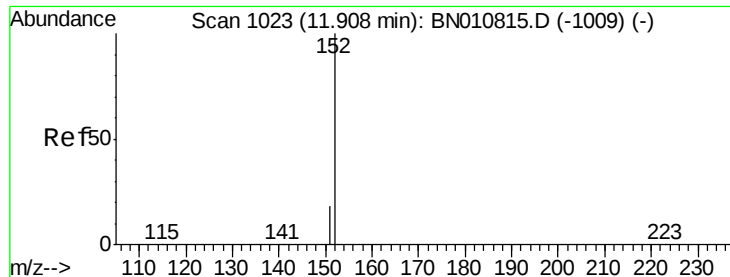
Ion 54.00 (53.70 to 54.70): BNC



Abundance

8.68

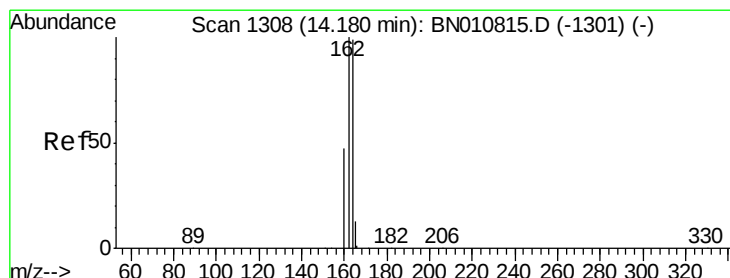
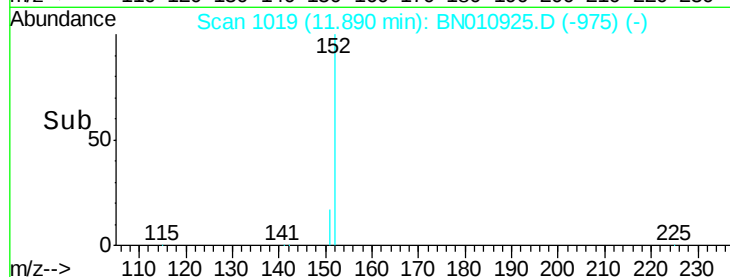
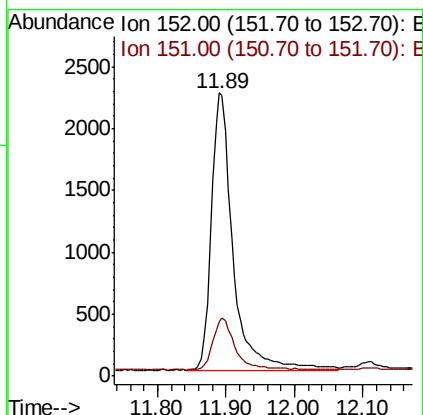
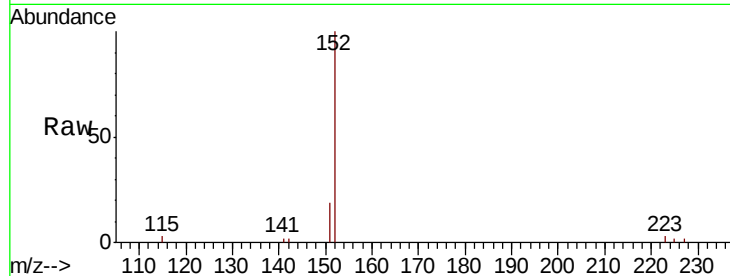
Time-->



#11
2-Methylnaphthalene-d10
Concen: 0.390 ng
RT: 11.89 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BN010925.D
Acq: 17 Jun 2020 03:19

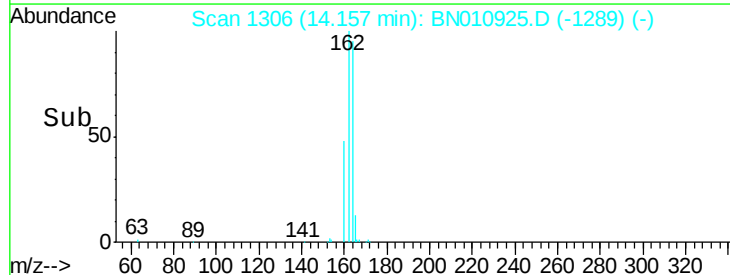
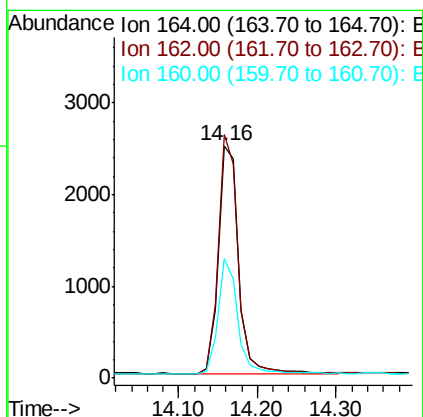
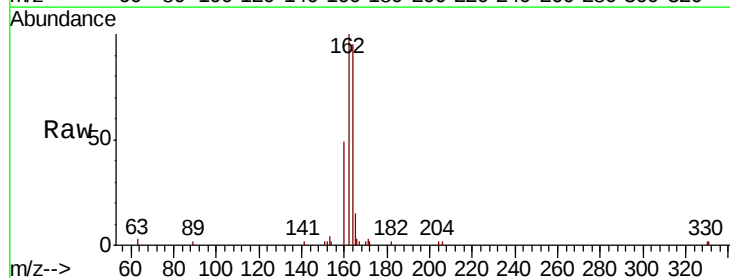
Instrument :
BNA_N
ClientSampleId :
RE-DUP04-20200612

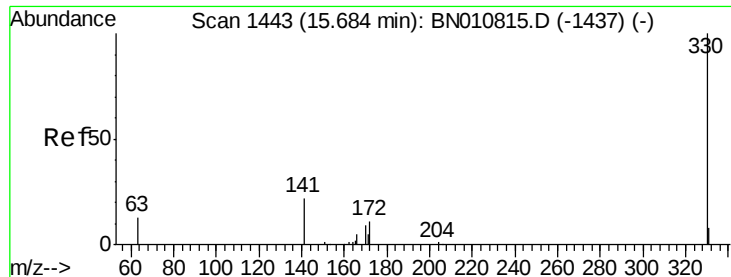
Tot Ion:152 Resp: 4903
Ion Ratio Lower Upper
152 100
151 19.0 15.3 22.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.16 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BN010925.D
Acq: 17 Jun 2020 03:19

Tgt Ion:164 Resp: 4481
Ion Ratio Lower Upper
164 100
162 104.9 81.0 121.6
160 51.6 38.9 58.3

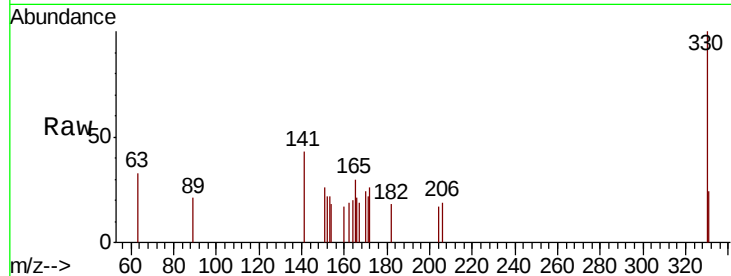




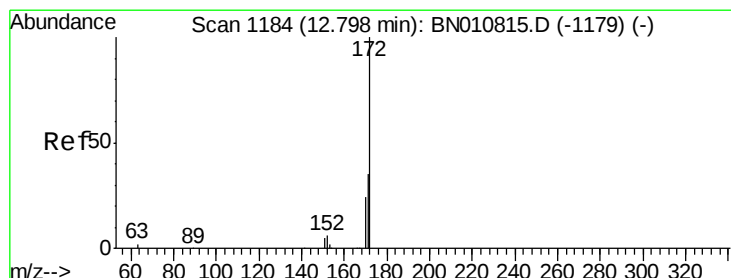
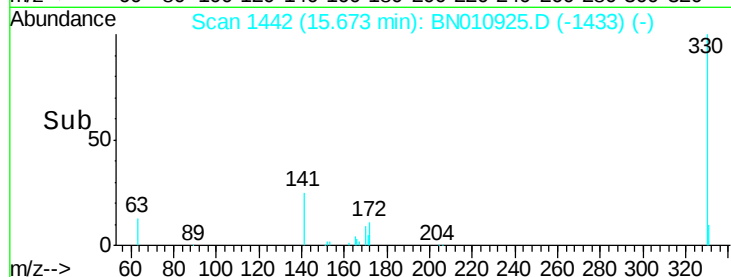
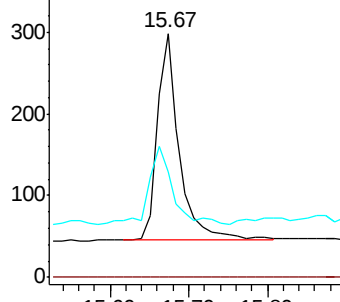
#14
2,4,6-Tribromophenol
Concen: 0.305 ng
RT: 15.67 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BN010925.D
Acq: 17 Jun 2020 03:19

Instrument :
BNA_N
ClientSampleId :
RE-DUP04-20200612

Tot Ion:330 Resp: 489
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 40.3 33.2 49.8

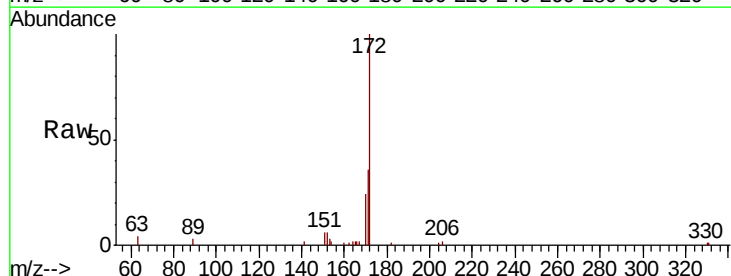


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

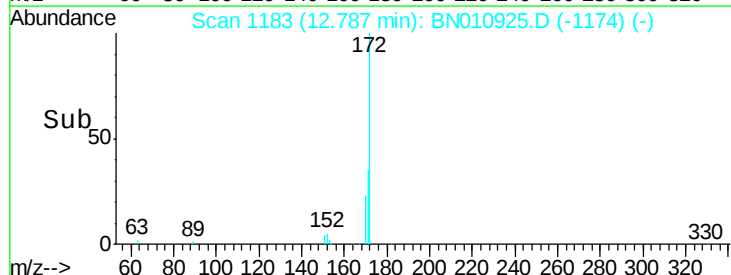
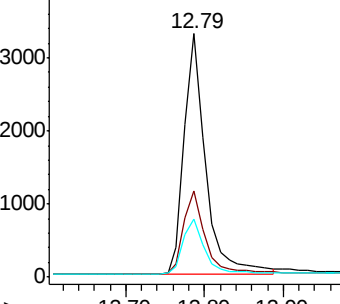


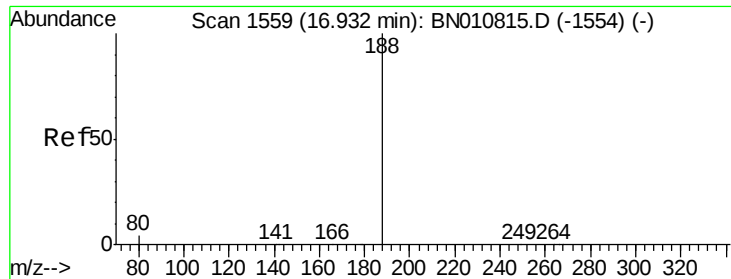
#15
2-Fluorobiphenyl
Concen: 0.349 ng
RT: 12.79 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BN010925.D
Acq: 17 Jun 2020 03:19

Tgt Ion:172 Resp: 6170
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 24.0 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: BN010925.D

Acq: 17 Jun 2020 03:19

Instrument :

BNA_N

ClientSampleId :

RE-DUP04-20200612

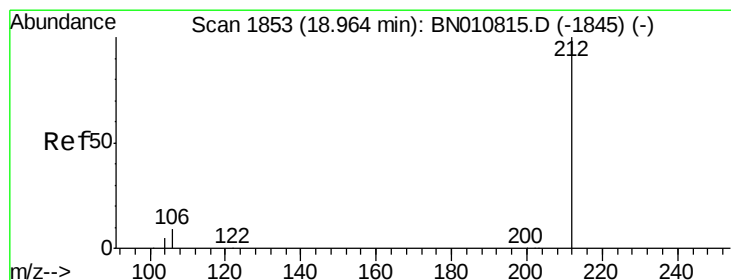
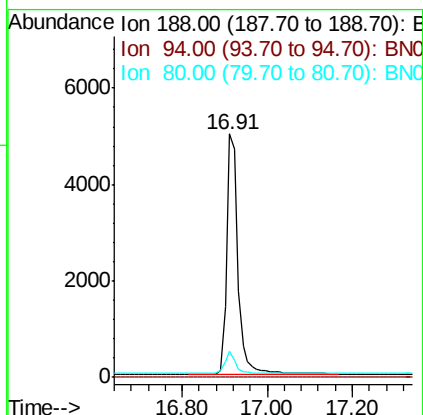
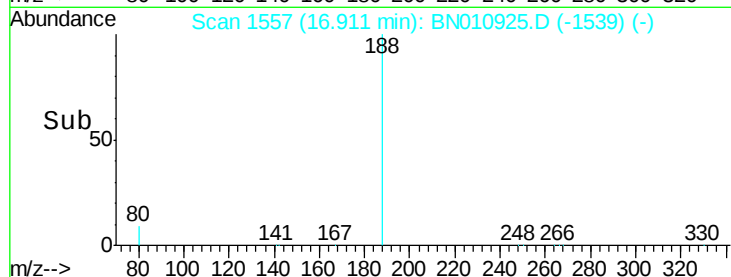
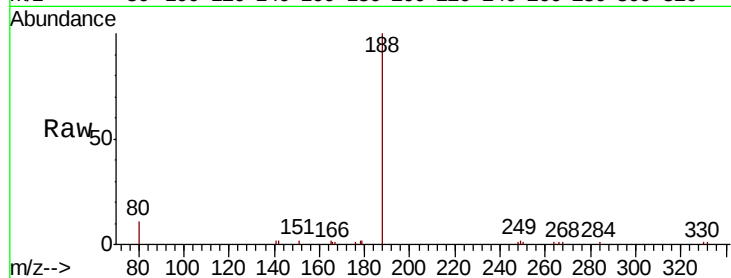
Tot Ion:188 Resp: 9467

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.6 4.5 6.7#



#25

Fluoranthene-d10

Concen: 0.486 ng

RT: 18.95 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BN010925.D

Acq: 17 Jun 2020 03:19

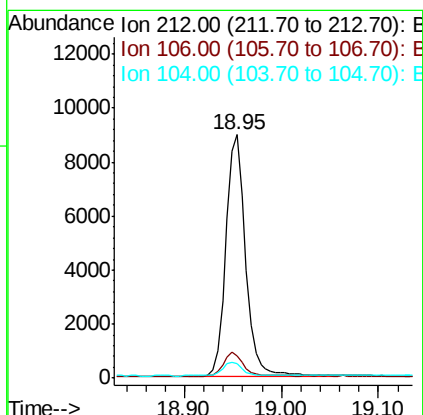
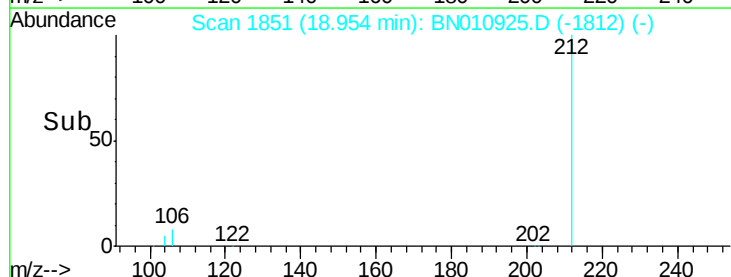
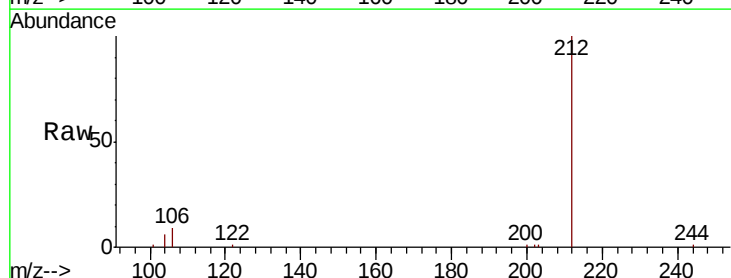
Tgt Ion:212 Resp: 12703

Ion Ratio Lower Upper

212 100

106 9.5 6.6 10.0

104 5.5 4.0 6.0

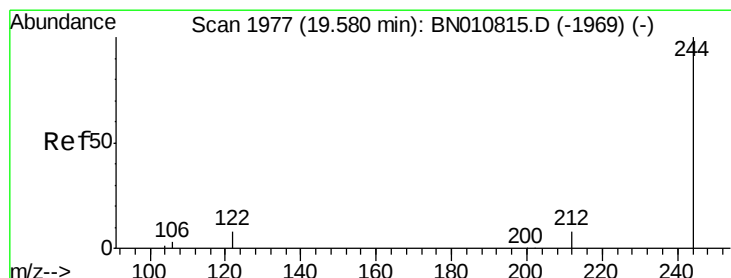
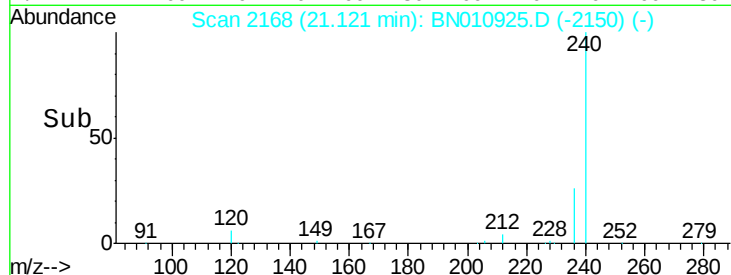
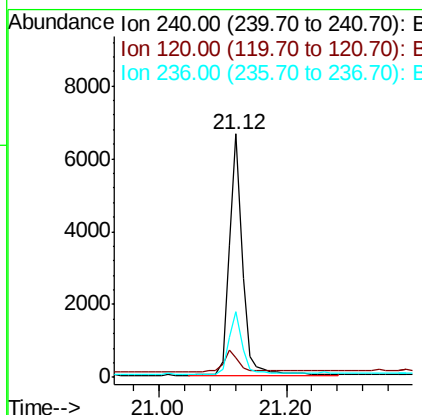
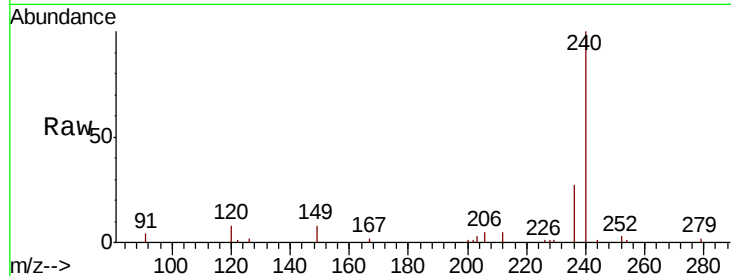




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.12 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BN010925.D
Acq: 17 Jun 2020 03:19

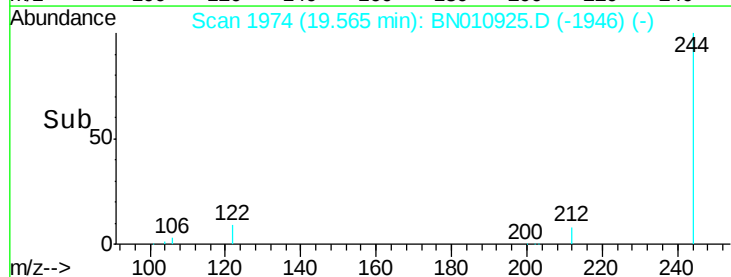
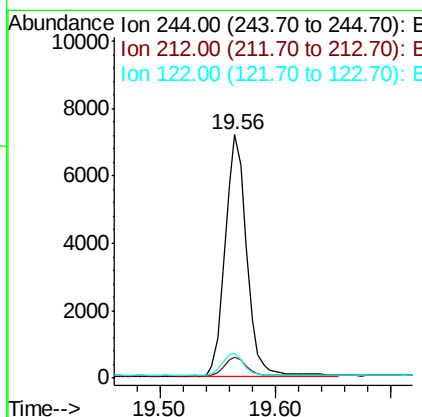
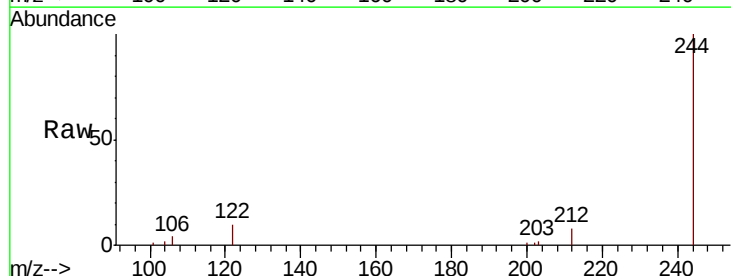
Instrument :
BNA_N
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RE-DUP04-20200612

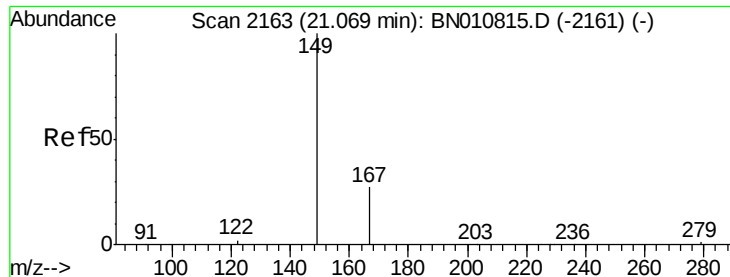
Tot Ion:240 Resp: 9393
Ion Ratio Lower Upper
240 100
120 8.3 7.5 11.3
236 27.1 22.3 33.5



#29
Terphenyl-d14
Concen: 0.423 ng
RT: 19.56 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BN010925.D
Acq: 17 Jun 2020 03:19

Tgt Ion:244 Resp: 9308
Ion Ratio Lower Upper
244 100
212 8.5 7.4 11.2
122 9.9 7.5 11.3





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.090 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BN010925.D

Acq: 17 Jun 2020 03:19

Instrument :

BNA_N

ClientSampleId :

RE-DUP04-20200612

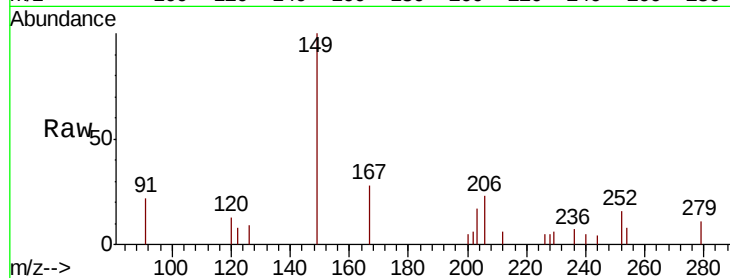
Tot Ion:149 Resp: 832

Ion Ratio Lower Upper

149 100

167 33.2 24.1 36.1

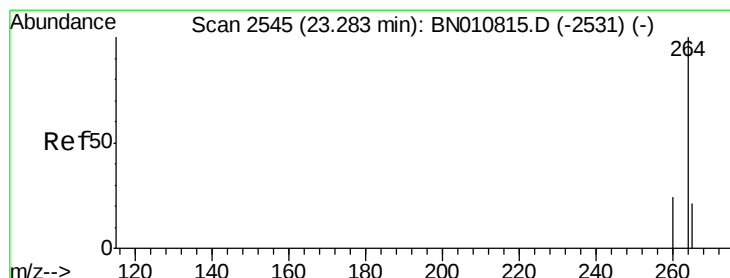
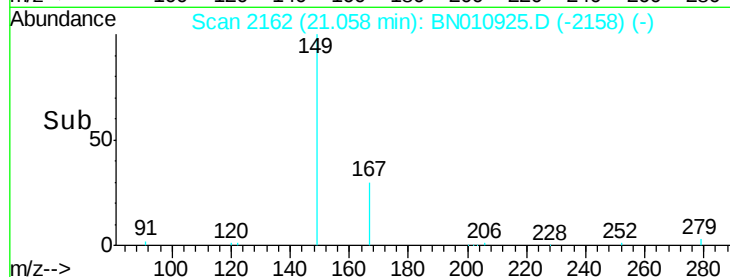
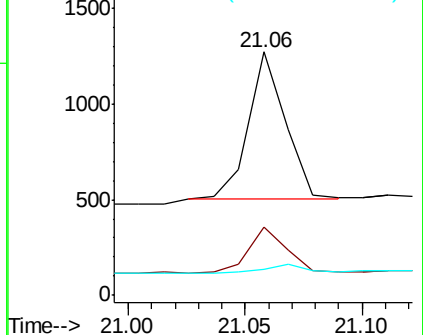
279 7.9 4.6 7.0#



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

Perylene-d12

Concen: 0.400 ng

RT: 23.27 min Scan# 2540

Delta R.T. -0.01 min

Lab File: BN010925.D

Acq: 17 Jun 2020 03:19

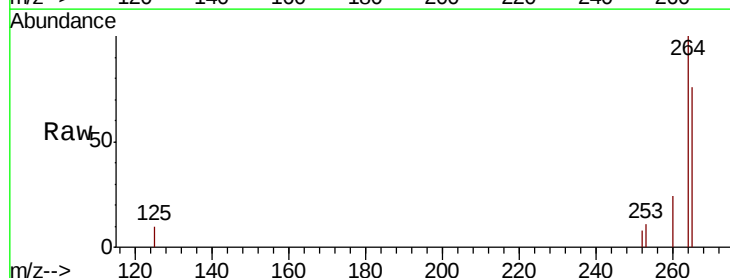
Tgt Ion:264 Resp: 9705

Ion Ratio Lower Upper

264 100

260 24.4 20.4 30.6

265 75.5 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

