

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061220\
 Data File : BN010863.D
 Acq On : 13 Jun 2020 03:55
 Operator : CG/JU
 Sample : L2988-22
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D3-20200609

Quant Time: Jun 13 04:28:07 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 12 11:11:17 2020
 Response via : Initial Calibration

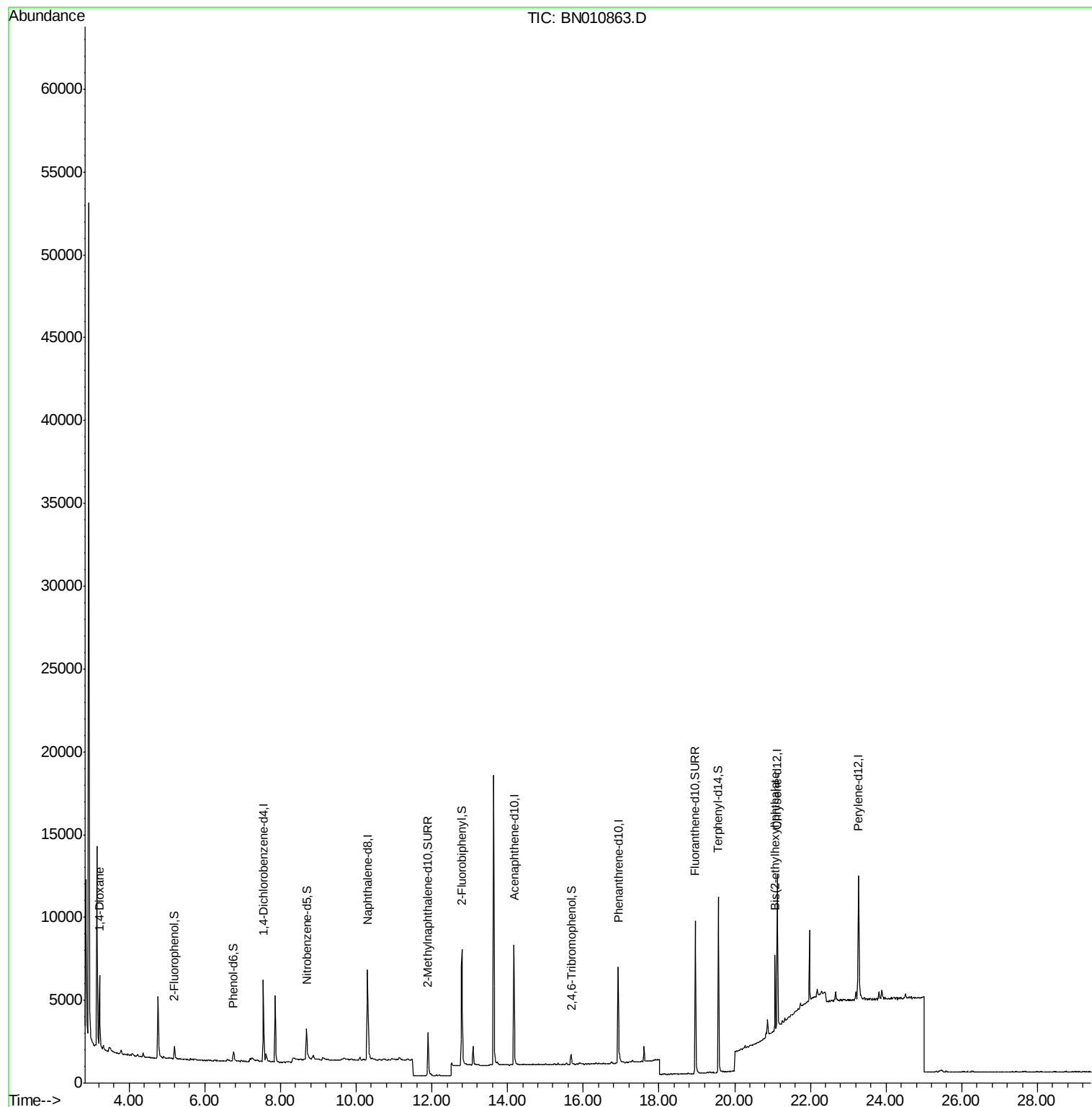
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	2450	0.40	ng	0.00
7) Naphthalene-d8	10.30	136	8698	0.40	ng	0.00
13) Acenaphthene-d10	14.18	164	4867	0.40	ng	0.00
19) Phenanthrene-d10	16.93	188	10182	0.40	ng	0.00
27) Chrysene-d12	21.12	240	9830	0.40	ng	0.00
34) Perylene-d12	23.27	264	10407	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	776	0.16	ng	0.00
5) Phenol-d6	6.75	99	526	0.09	ng	0.00
8) Nitrobenzene-d5	8.69	82	2316	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	11.90	152	4276	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.68	330	604	0.35	ng	0.00
15) 2-Fluorobiphenyl	12.79	172	7254	0.38	ng	0.00
25) Fluoranthene-d10	18.96	212	11497	0.41	ng	0.00
29) Terphenyl-d14	19.57	244	11113	0.48	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.22	88	3488	1.453	ng	99
32) Bis(2-ethylhexyl)phthalate	21.07	149	4695	0.487	ng	96

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

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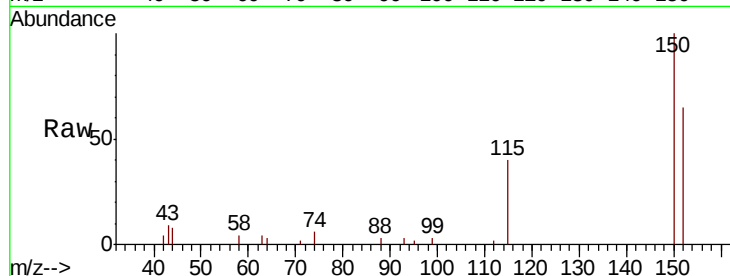


#1

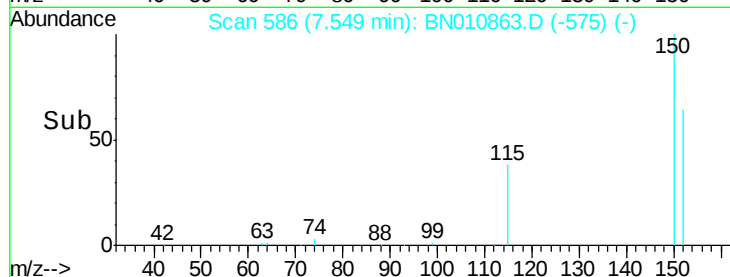
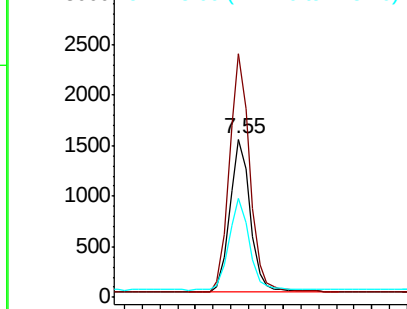
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.55 min Scan# 586
Delta R.T. -0.01 min
Lab File: BN010863.D
Acq: 13 Jun 2020 03:55

Instrument :
BNA_N
ClientSampleId :
RE131D3-20200609

Tot Ion:152 Resp: 2450
Ion Ratio Lower Upper
152 100
150 154.0 123.8 185.6
115 62.3 49.2 73.8



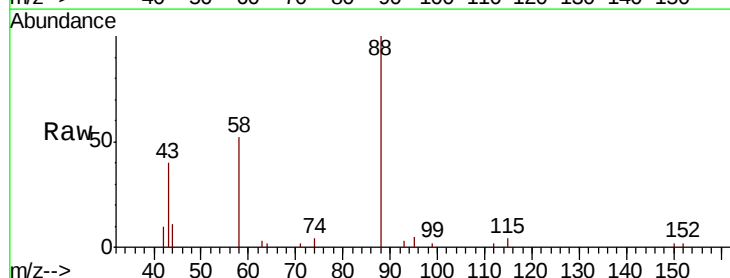
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



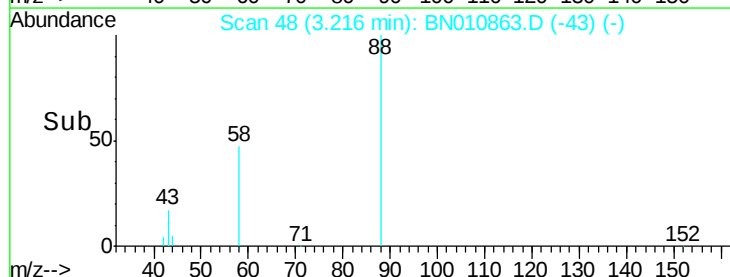
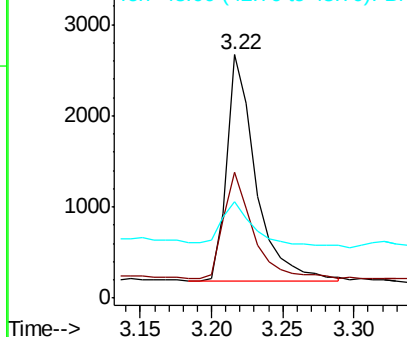
#2

1,4-Dioxane
Concen: 1.453 ng
RT: 3.22 min Scan# 48
Delta R.T. -0.01 min
Lab File: BN010863.D
Acq: 13 Jun 2020 03:55

Tgt Ion: 88 Resp: 3488
Ion Ratio Lower Upper
88 100
58 47.5 38.2 57.4
43 20.0 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: 0.164 ng

RT: 5.20 min Scan# 294

Delta R.T. -0.01 min

Lab File: BN010863.D

Acq: 13 Jun 2020 03:55

Instrument :

BNA_N

ClientSampleId :

RE131D3-20200609

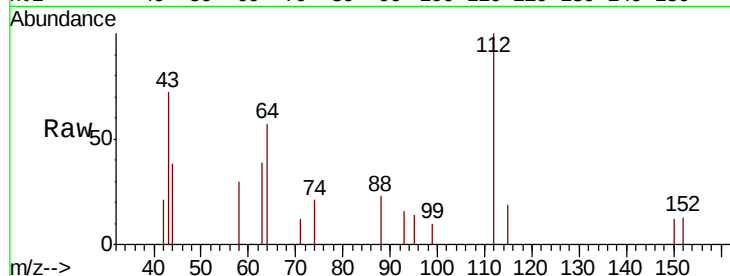
Tot Ion: 112 Resp: 776

Ion Ratio Lower Upper

112 100

64 44.7 37.4 56.0

63 28.6 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

5.20

400

300

200

100

0

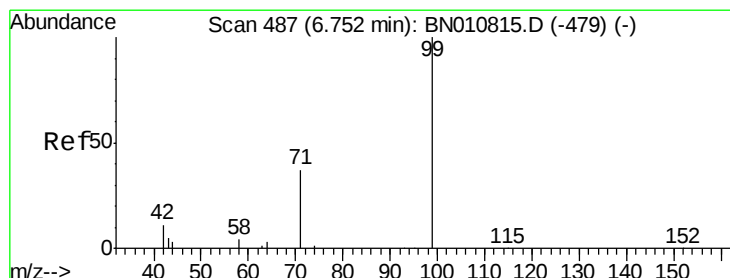
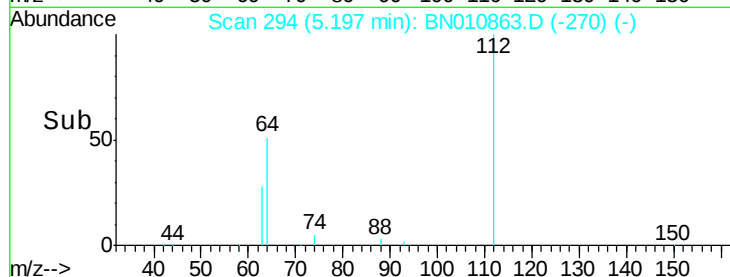
5.10

5.20

5.30

5.40

Time-->



#5

Phenol-d6

Concen: 0.094 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.00 min

Lab File: BN010863.D

Acq: 13 Jun 2020 03:55

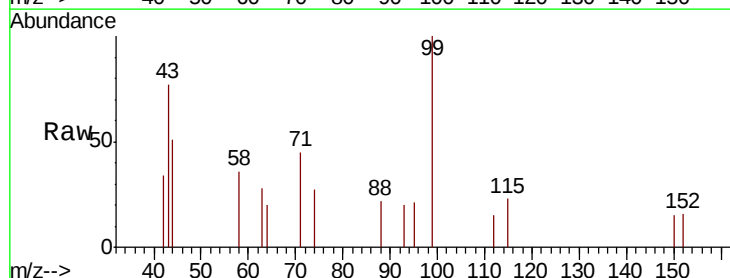
Tgt Ion: 99 Resp: 526

Ion Ratio Lower Upper

99 100

42 15.4 11.1 16.7

71 42.2 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

6.75

400

300

200

100

0

6.65

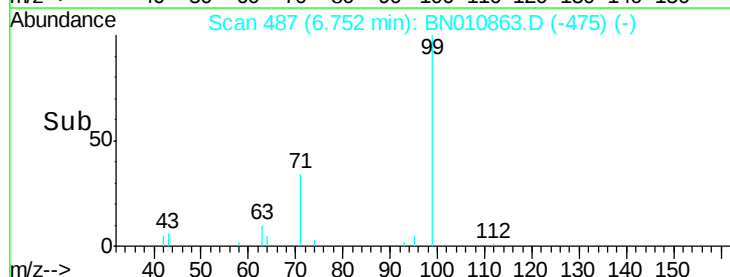
6.70

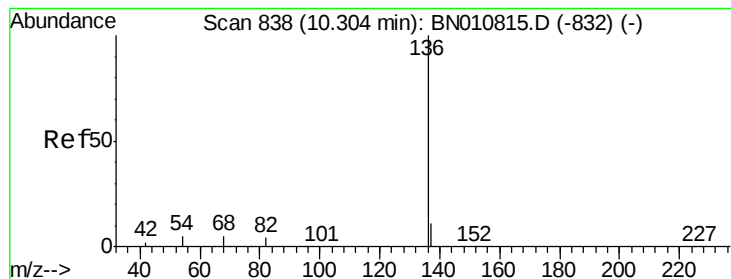
6.75

6.80

6.85

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.30 min Scan# 838

Delta R.T. 0.00 min

Lab File: BN010863.D

Acq: 13 Jun 2020 03:55

Instrument :

BNA_N

ClientSampleId :

RE131D3-20200609

Tot Ion:136 Resp: 8698

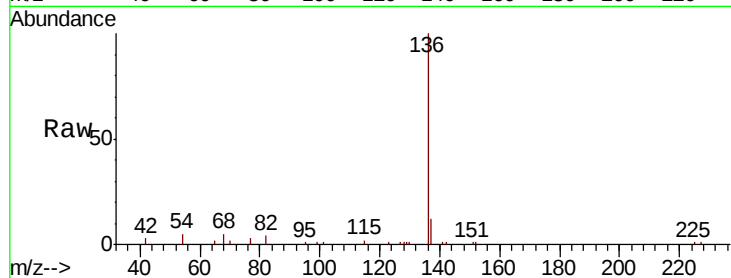
Ion Ratio Lower Upper

136 100

137 12.1 9.7 14.5

54 4.7 4.9 7.3#

68 5.0 4.7 7.1

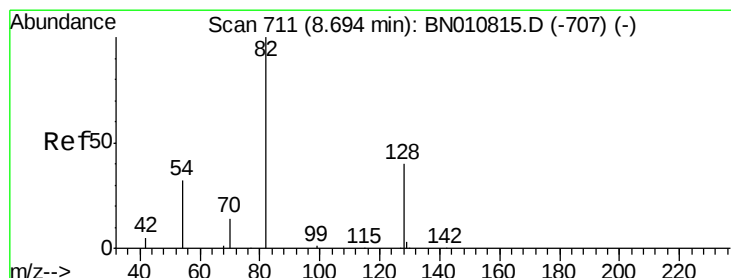
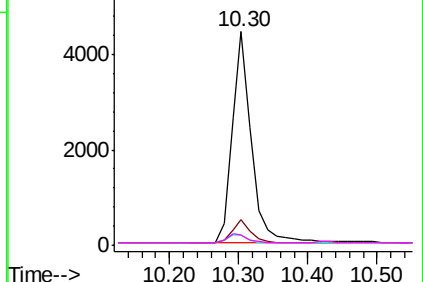
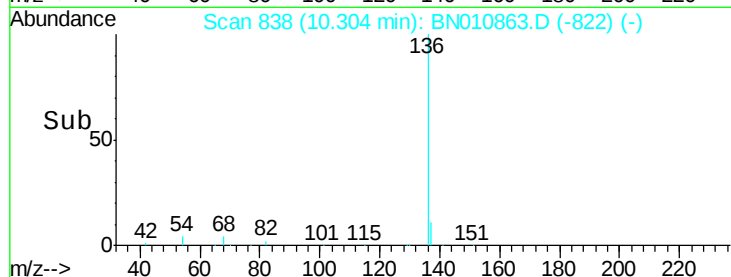


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.360 ng

RT: 8.69 min Scan# 711

Delta R.T. 0.00 min

Lab File: BN010863.D

Acq: 13 Jun 2020 03:55

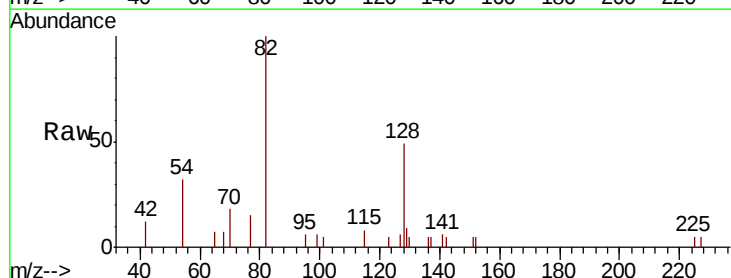
Tgt Ion: 82 Resp: 2316

Ion Ratio Lower Upper

82 100

128 49.4 35.4 53.0

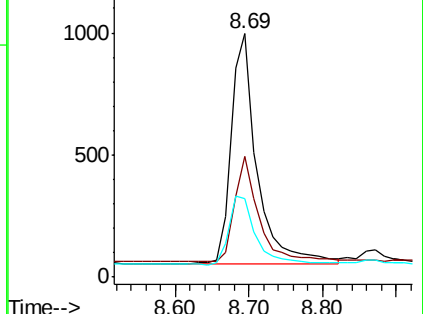
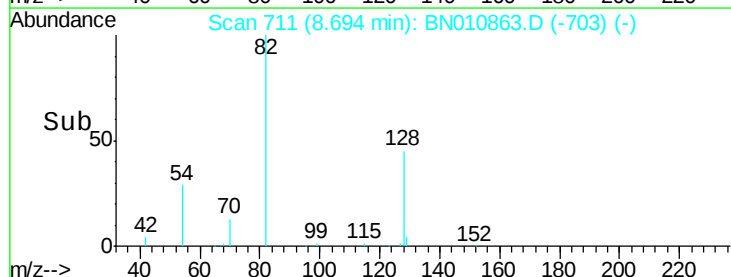
54 32.3 28.2 42.4

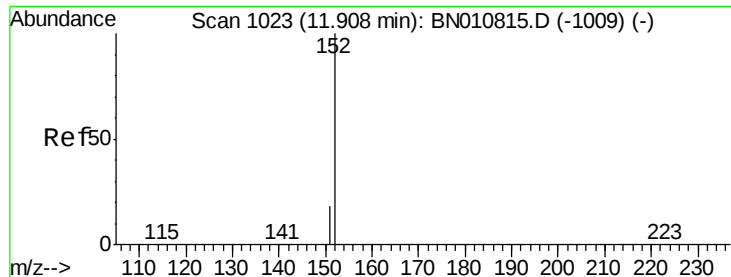


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

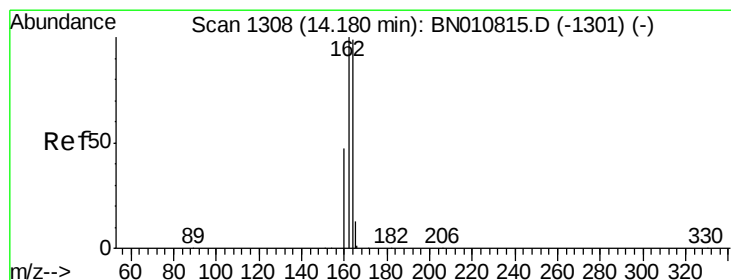
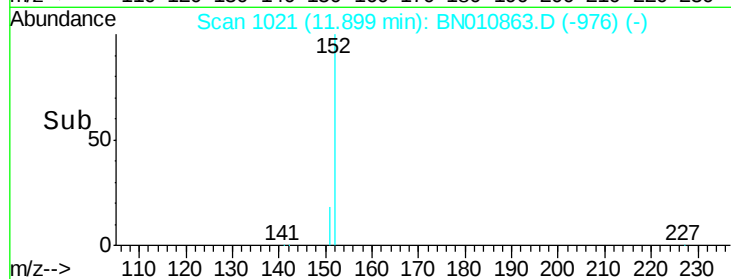
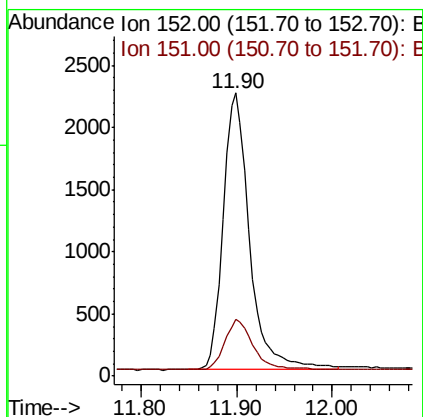
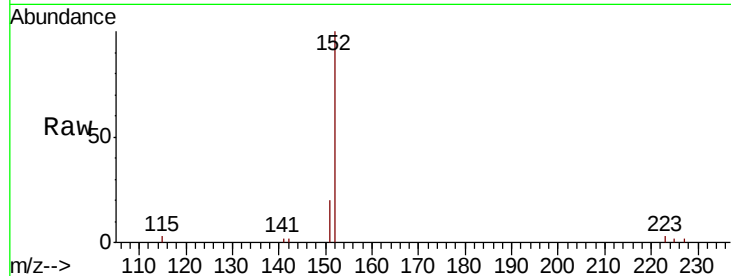




#11
2-Methylnaphthalene-d10
Concen: 0.317 ng
RT: 11.90 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BN010863.D
Acq: 13 Jun 2020 03:55

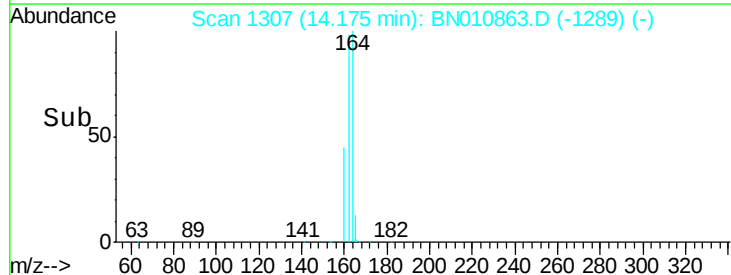
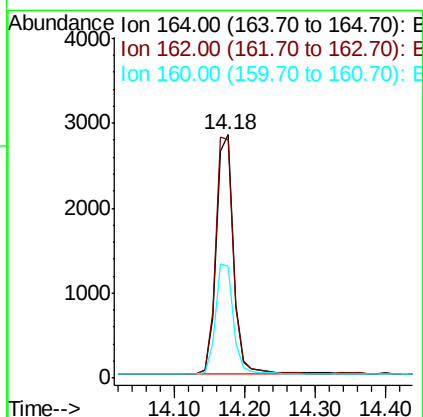
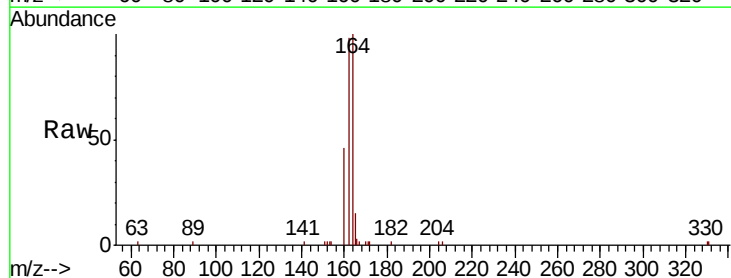
Instrument :
BNA_N
ClientSampleId :
RE131D3-20200609

Tot Ion:152 Resp: 4276
Ion Ratio Lower Upper
152 100
151 19.5 15.3 22.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.18 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BN010863.D
Acq: 13 Jun 2020 03:55

Tgt Ion:164 Resp: 4867
Ion Ratio Lower Upper
164 100
162 98.0 81.0 121.6
160 45.7 38.9 58.3





#14

2,4,6-Tribromophenol

Concen: 0.347 ng

RT: 15.68 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BN010863.D

Acq: 13 Jun 2020 03:55

Instrument :

BNA_N

ClientSampleId :

RE131D3-20200609

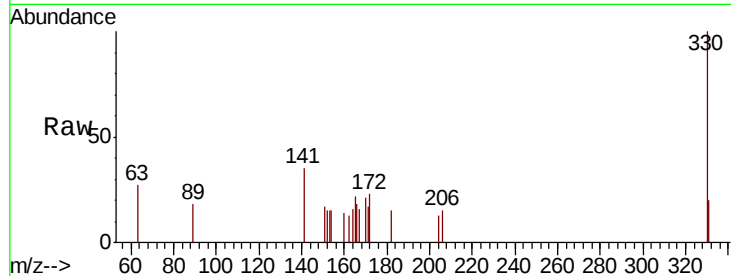
Tot Ion:330 Resp: 604

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 36.6 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

15.68

400

300

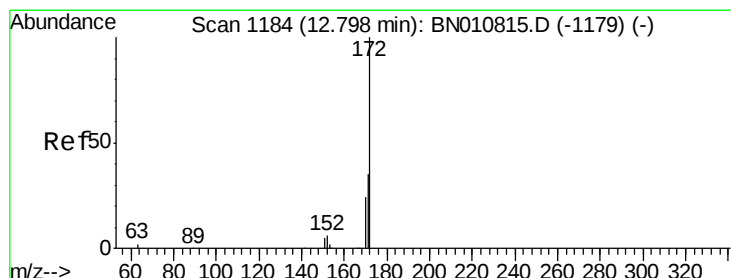
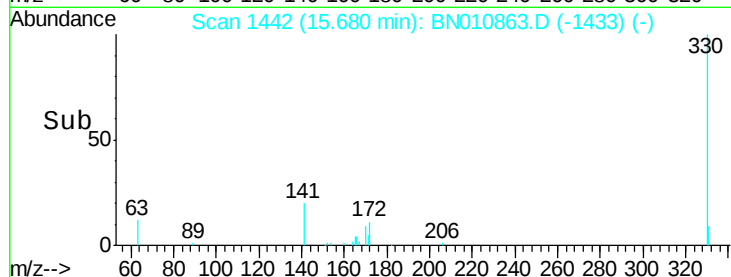
200

100

0

15.60 15.70 15.80

Time-->



#15

2-Fluorobiphenyl

Concen: 0.378 ng

RT: 12.79 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BN010863.D

Acq: 13 Jun 2020 03:55

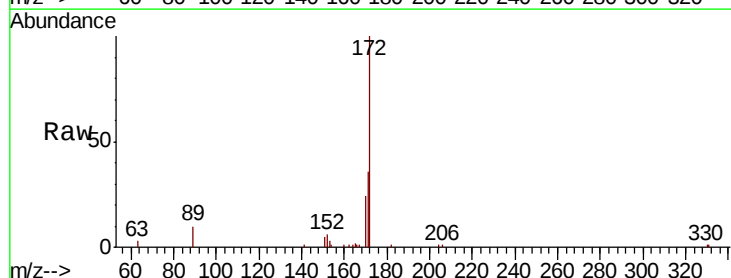
Tgt Ion:172 Resp: 7254

Ion Ratio Lower Upper

172 100

171 35.5 28.5 42.7

170 23.9 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

12.79

5000

4000

3000

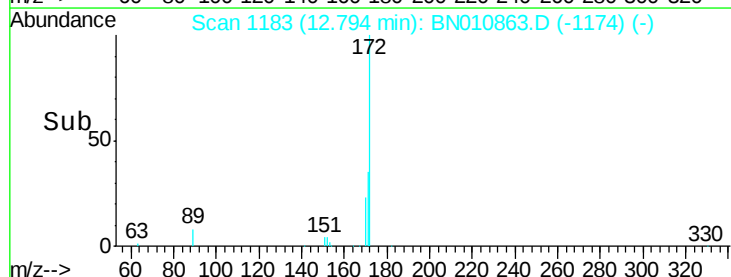
2000

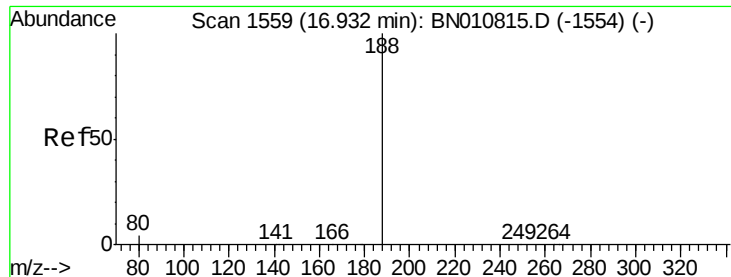
1000

0

12.70 12.80 12.90

Time-->





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.93 min Scan# 1558

Delta R.T. 0.01 min

Lab File: BN010863.D

Acq: 13 Jun 2020 03:55

Instrument :

BNA_N

ClientSampleId :

RE131D3-20200609

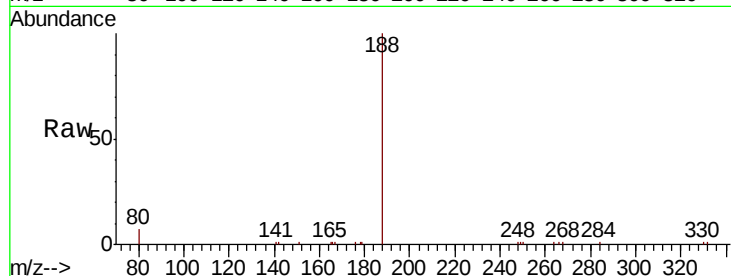
Tot Ion:188 Resp: 10182

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

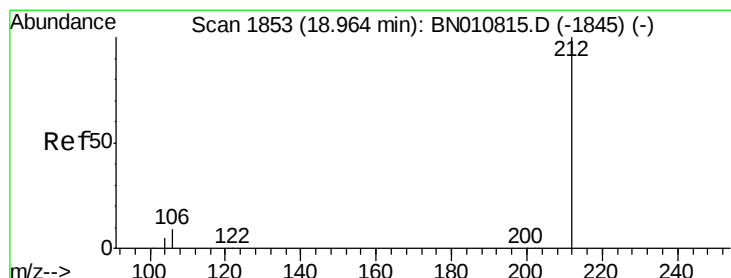
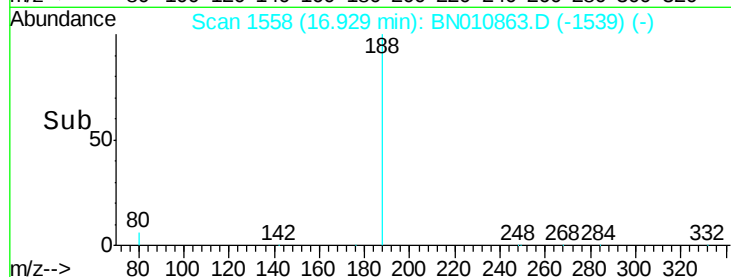
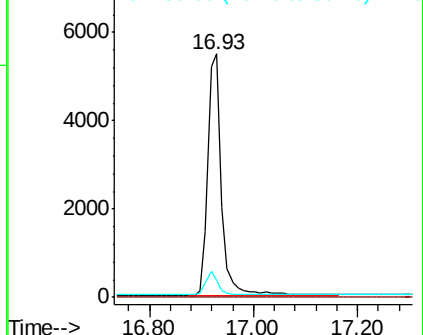
80 6.8 4.5 6.7#



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: 0.409 ng

RT: 18.96 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BN010863.D

Acq: 13 Jun 2020 03:55

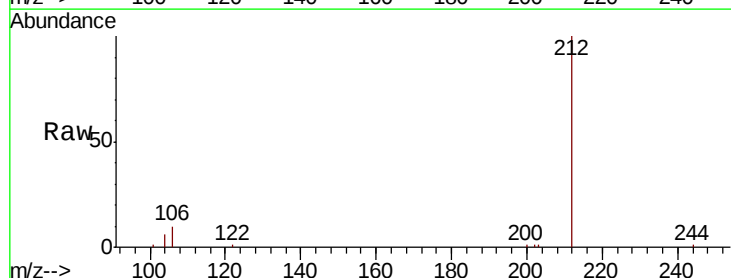
Tgt Ion:212 Resp: 11497

Ion Ratio Lower Upper

212 100

106 10.1 6.6 10.0#

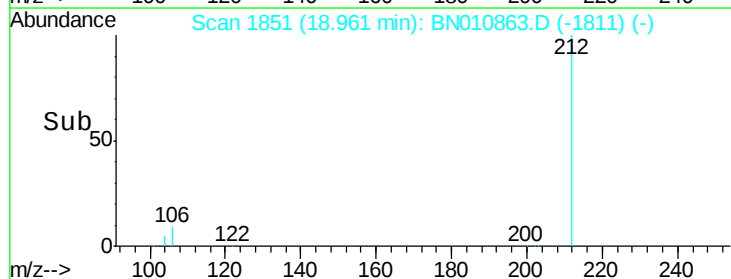
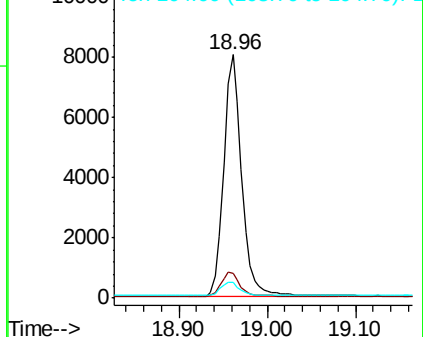
104 5.8 4.0 6.0



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

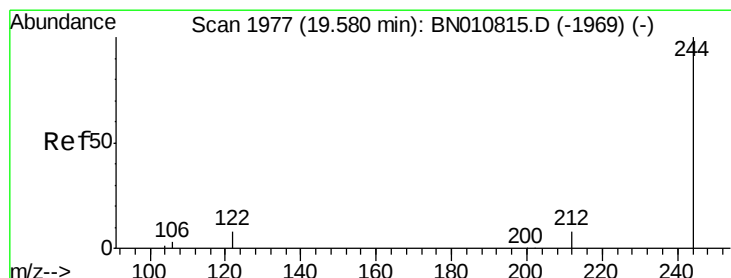
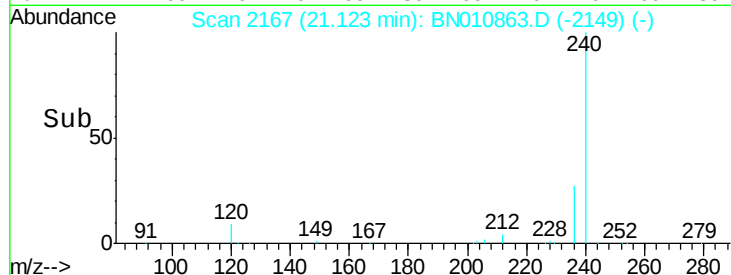
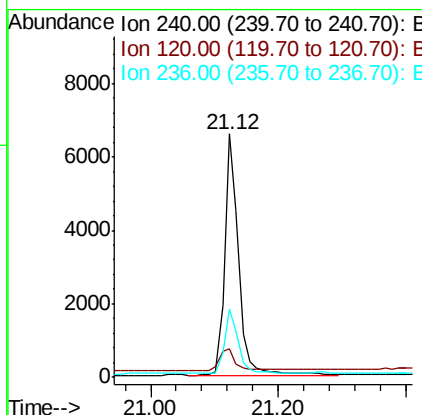
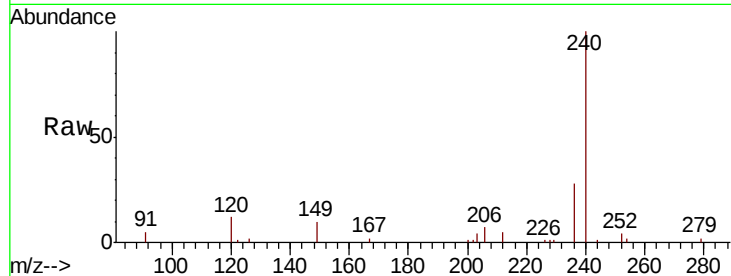




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.12 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BN010863.D
Acq: 13 Jun 2020 03:55

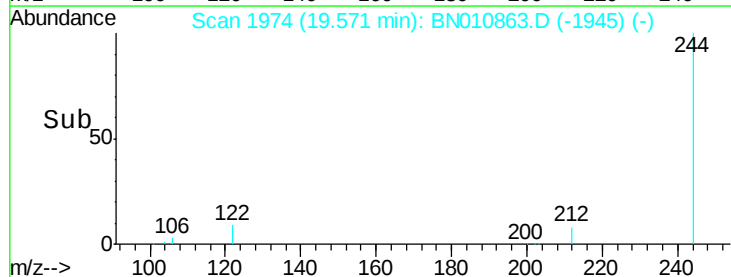
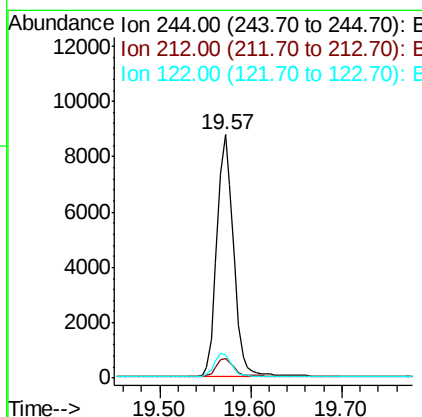
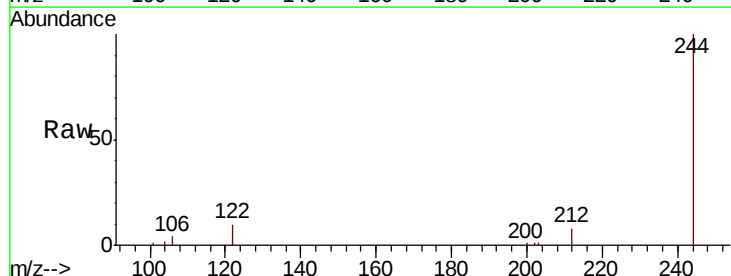
Instrument :
BNA_N
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RE131D3-20200609

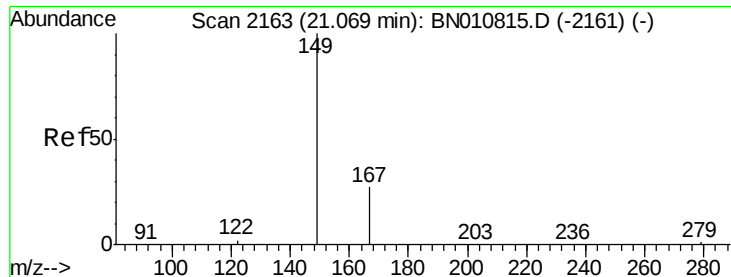
Tot Ion:240 Resp: 9830
Ion Ratio Lower Upper
240 100
120 11.6 7.5 11.3#
236 28.0 22.3 33.5



#29
Terphenyl-d14
Concen: 0.483 ng
RT: 19.57 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BN010863.D
Acq: 13 Jun 2020 03:55

Tgt Ion:244 Resp: 11113
Ion Ratio Lower Upper
244 100
212 8.3 7.4 11.2
122 9.7 7.5 11.3





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.487 ng

RT: 21.07 min Scan# 2162

Delta R.T. 0.00 min

Lab File: BN010863.D

Acq: 13 Jun 2020 03:55

Instrument :

BNA_N

ClientSampleId :

RE131D3-20200609

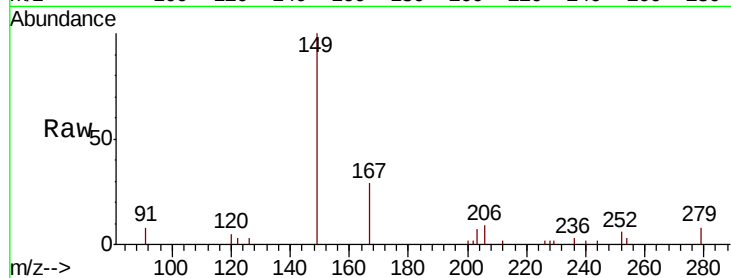
Tot Ion:149 Resp: 4695

Ion Ratio Lower Upper

149 100

167 27.5 24.1 36.1

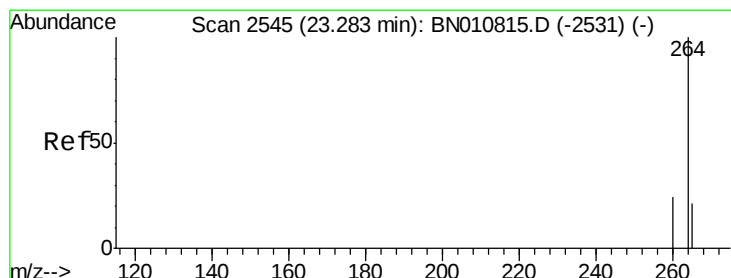
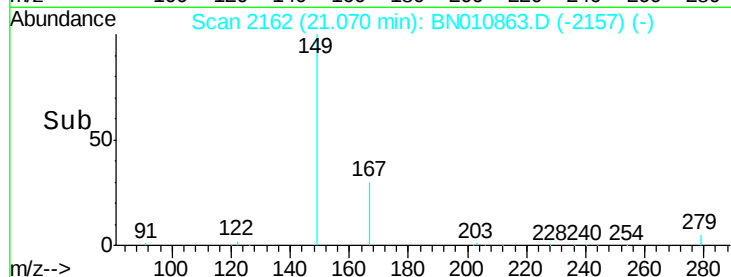
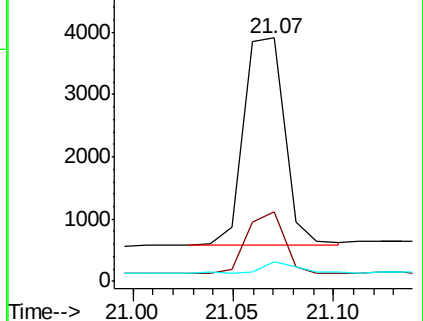
279 4.8 4.6 7.0



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# 2541

Delta R.T. -0.01 min

Lab File: BN010863.D

Acq: 13 Jun 2020 03:55

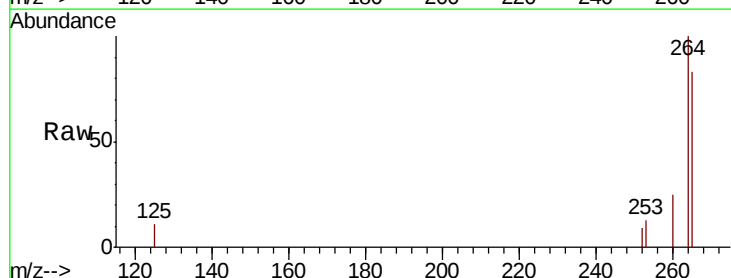
Tgt Ion:264 Resp: 10407

Ion Ratio Lower Upper

264 100

260 25.1 20.4 30.6

265 82.7 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

