

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061220\
 Data File : BN010852.D
 Acq On : 12 Jun 2020 21:19
 Operator : CG/JU
 Sample : L2988-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE108D1-20200608

Quant Time: Jun 23 19:59:35 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 22 12:02:11 2020
 Response via : Initial Calibration

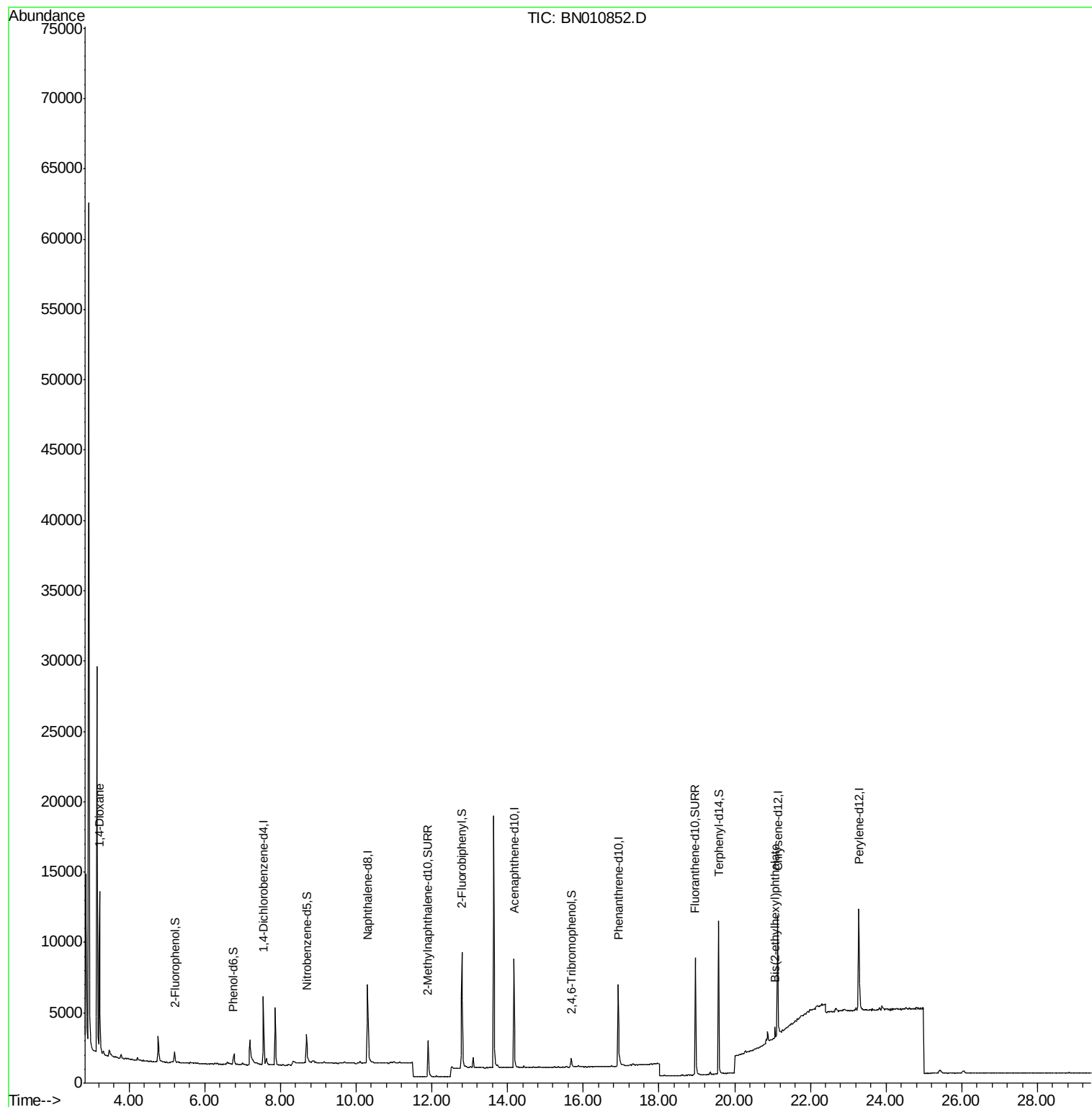
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	2416	0.40	ng	0.02
7) Naphthalene-d8	10.30	136	8599	0.40	ng	0.03
13) Acenaphthene-d10	14.18	164	4737	0.40	ng	0.03
19) Phenanthrene-d10	16.93	188	9612	0.40	ng	0.02
27) Chrysene-d12	21.13	240	9363	0.40	ng	0.01
34) Perylene-d12	23.28	264	9879	0.40	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	736	0.16	ng	0.02
5) Phenol-d6	6.75	99	497	0.09	ng	0.02
8) Nitrobenzene-d5	8.69	82	2413	0.38	ng	0.03
11) 2-Methylnaphthalene-d10	11.90	152	4340	0.33	ng	0.02
14) 2,4,6-Tribromophenol	15.68	330	609	0.36	ng	0.02
15) 2-Fluorobiphenyl	12.79	172	8391	0.45	ng	0.02
25) Fluoranthene-d10	18.96	212	10828	0.41	ng	0.02
29) Terphenyl-d14	19.58	244	11709	0.53	ng	0.01
Target Compounds						
2) 1,4-Dioxane	3.22	88	8601	3.635	ng	98
32) Bis(2-ethylhexyl)phthalate	21.07	149	643	0.070	ng	# 95

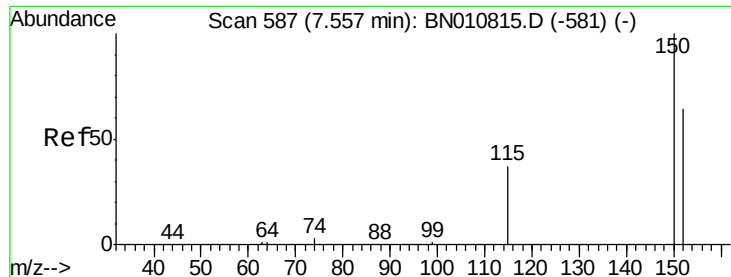
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.55 min Scan# 586

Delta R.T. 0.02 min

Lab File: BN010852.D

Acq: 12 Jun 2020 21:19

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RE108D1-20200608

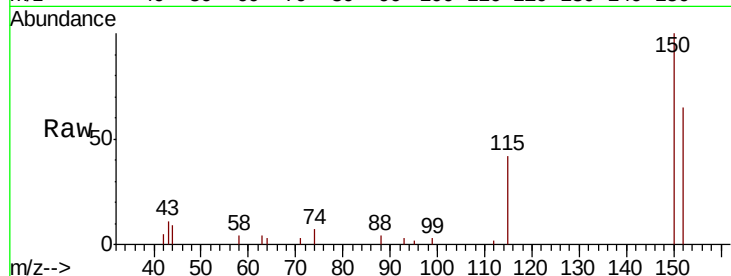
Tot Ion:152 Resp: 2416

Ion Ratio Lower Upper

152 100

150 154.9 123.8 185.6

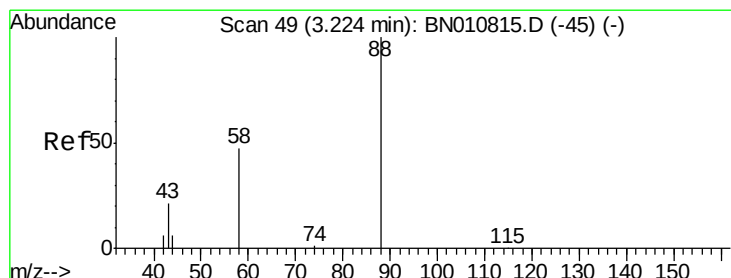
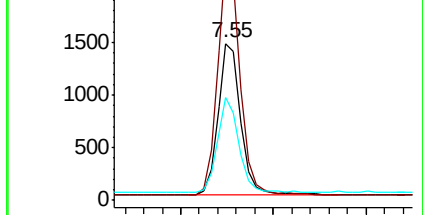
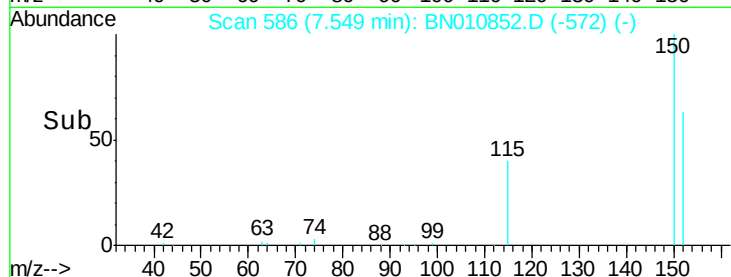
115 65.6 49.2 73.8



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: 3.635 ng

RT: 3.22 min Scan# 48

Delta R.T. 0.00 min

Lab File: BN010852.D

Acq: 12 Jun 2020 21:19

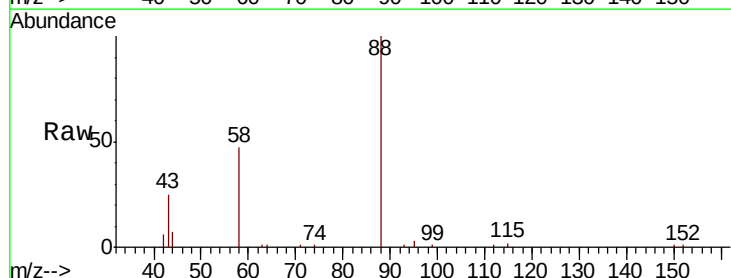
Tgt Ion: 88 Resp: 8601

Ion Ratio Lower Upper

88 100

58 46.0 38.2 57.4

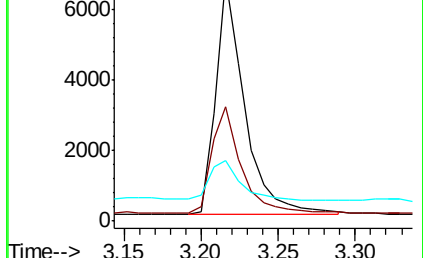
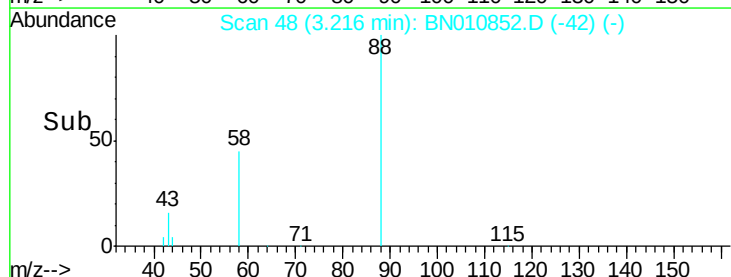
43 18.6 15.1 22.7

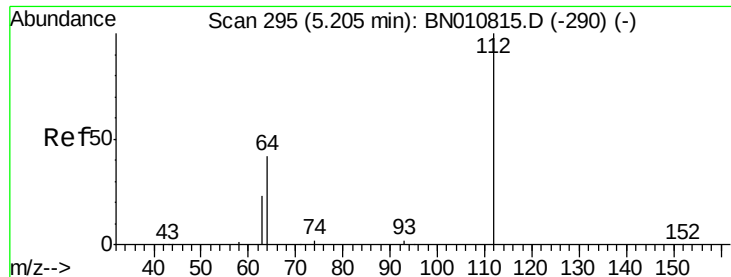


Abundance Ion 88.00 (87.70 to 88.70): BN0

Ion 58.00 (57.70 to 58.70): BN0

Ion 43.00 (42.70 to 43.70): BN0





#4

2-Fluorophenol

Concen: 0.158 ng

RT: 5.21 min Scan# 295

Delta R.T. 0.02 min

Lab File: BN010852.D

Acq: 12 Jun 2020 21:19

Instrument :

BNA_N

ClientSampleId :

RE108D1-20200608

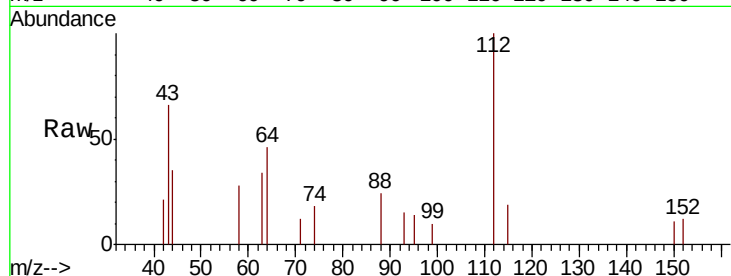
Tot Ion: 112 Resp: 736

Ion Ratio Lower Upper

112 100

64 45.7 37.4 56.0

63 28.5 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

5.21

400

300

200

100

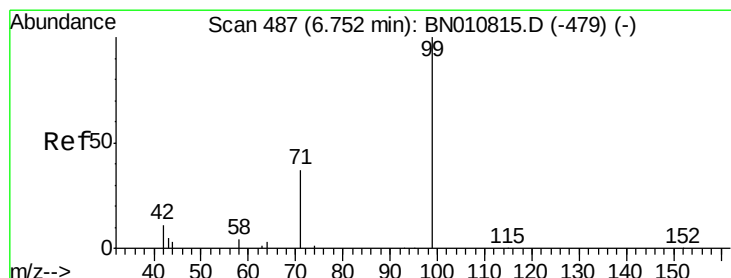
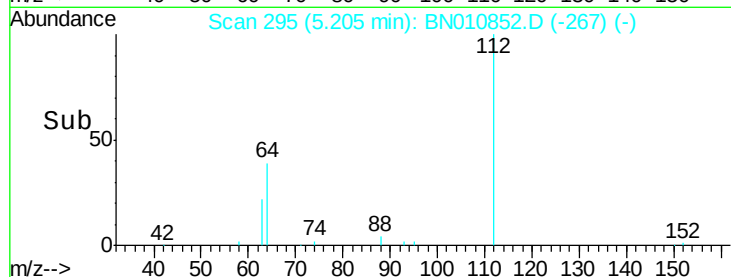
0

5.10

5.20

5.30

Time-->



#5

Phenol-d6

Concen: 0.090 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.02 min

Lab File: BN010852.D

Acq: 12 Jun 2020 21:19

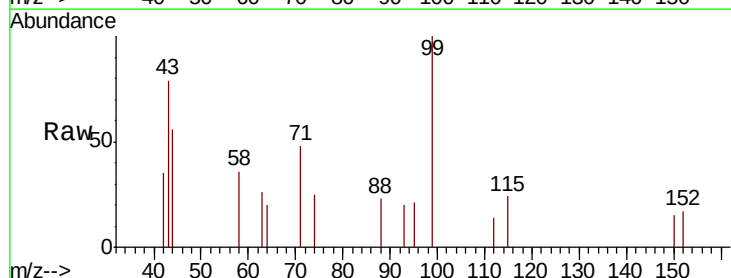
Tgt Ion: 99 Resp: 497

Ion Ratio Lower Upper

99 100

42 22.3 11.1 16.7#

71 42.5 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

6.75

400

300

200

100

0

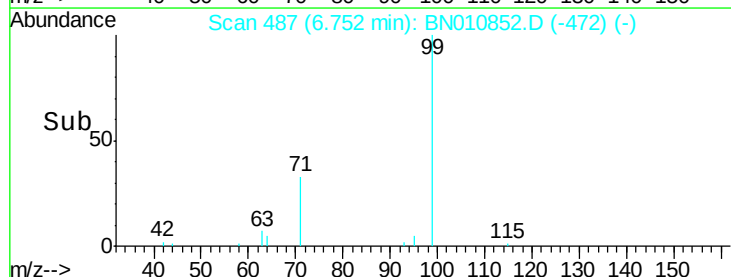
6.70

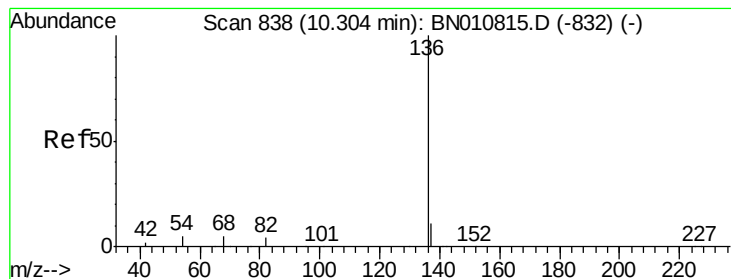
6.75

6.80

6.85

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.30 min Scan# 838

Delta R.T. 0.03 min

Lab File: BN010852.D

Acq: 12 Jun 2020 21:19

Instrument :

BNA_N

ClientSampleId :

RE108D1-20200608

Tot Ion:136 Resp: 8599

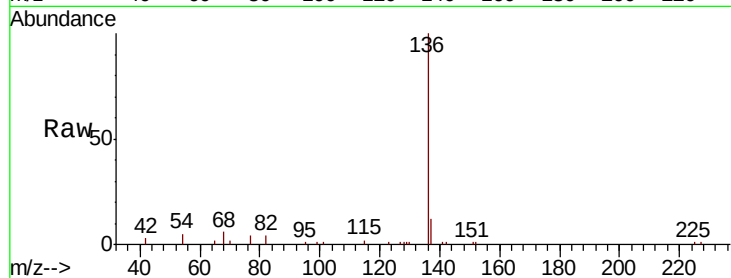
Ion Ratio Lower Upper

136 100

137 11.7 9.7 14.5

54 4.6 4.9 7.3#

68 5.6 4.7 7.1

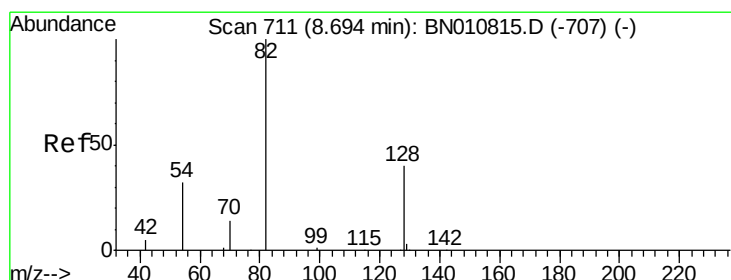
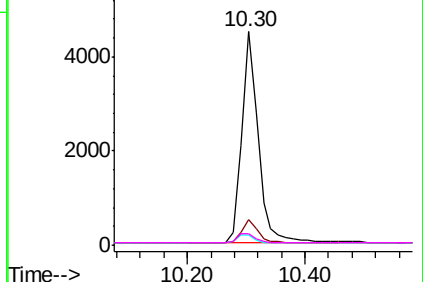
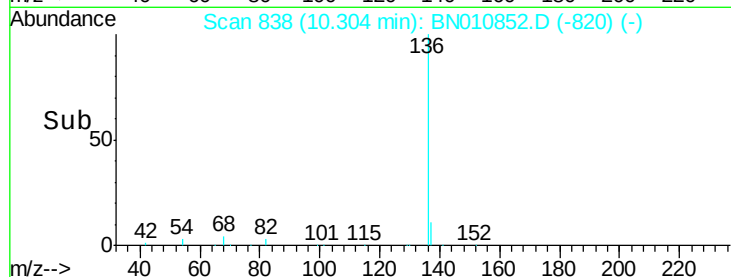


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.379 ng

RT: 8.69 min Scan# 711

Delta R.T. 0.03 min

Lab File: BN010852.D

Acq: 12 Jun 2020 21:19

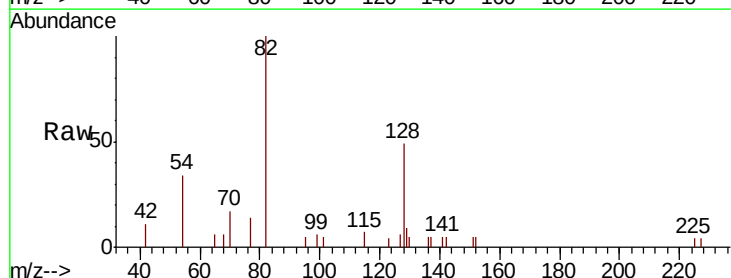
Tgt Ion: 82 Resp: 2413

Ion Ratio Lower Upper

82 100

128 48.6 35.4 53.0

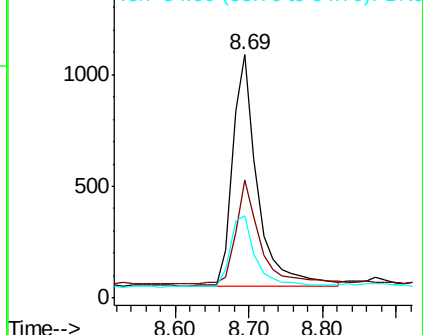
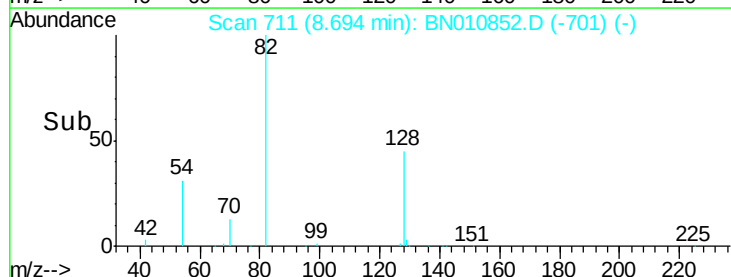
54 33.9 28.2 42.4

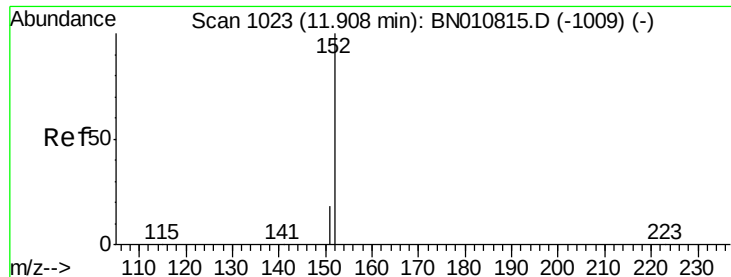


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

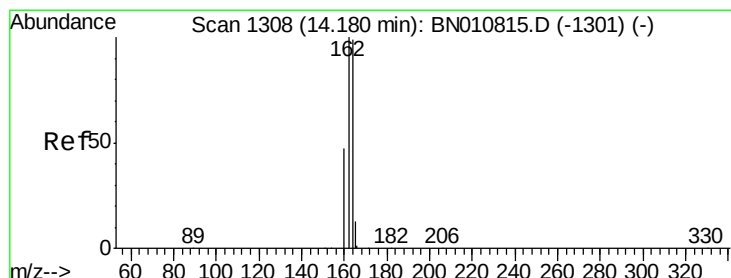
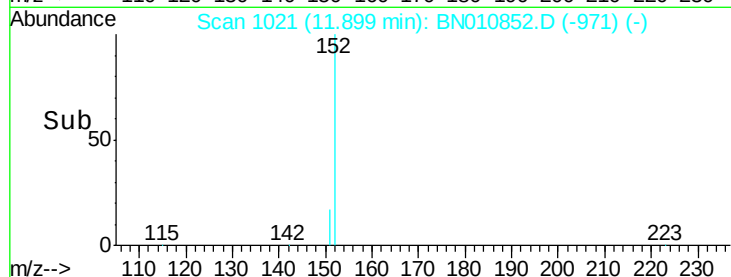
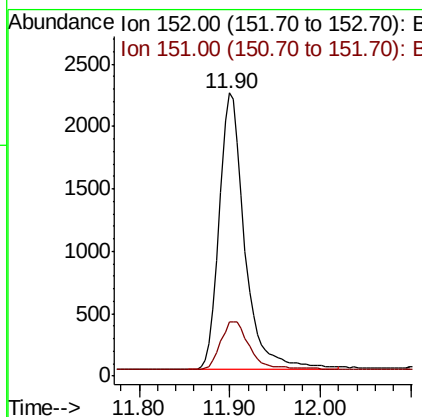
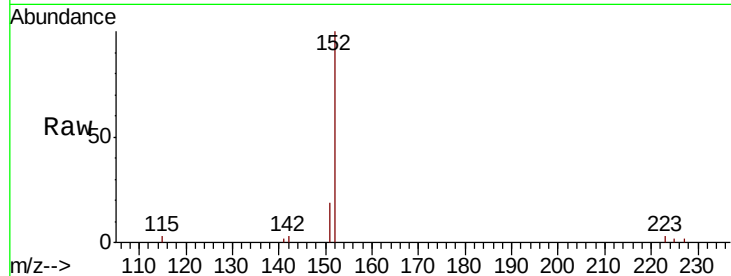




#11
2-Methylnaphthalene-d10
Concen: 0.325 ng
RT: 11.90 min Scan# 1021
Delta R.T. 0.02 min
Lab File: BN010852.D
Acq: 12 Jun 2020 21:19

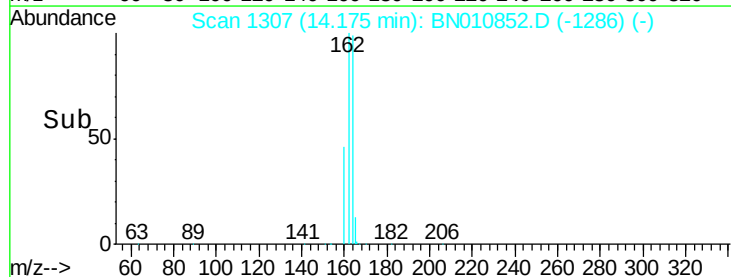
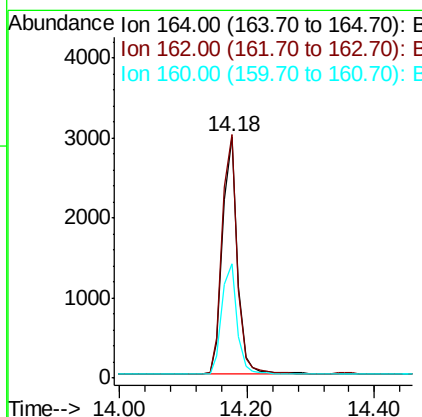
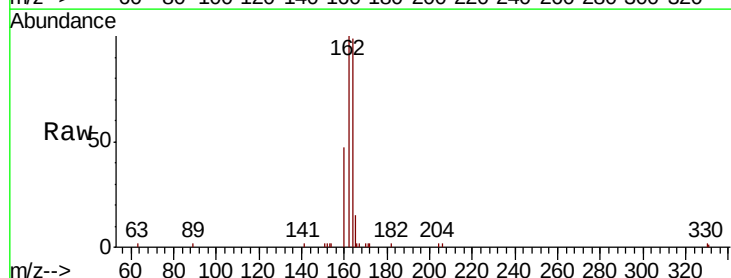
Instrument :
BNA_N
ClientSampleId :
RE108D1-20200608

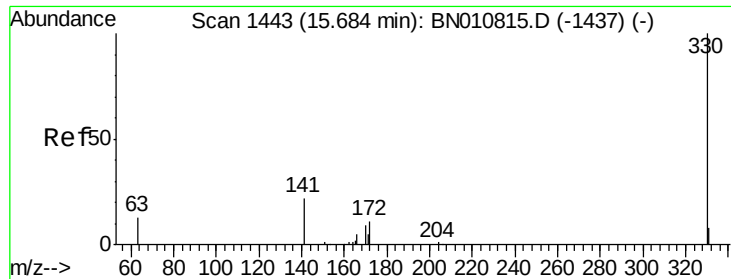
Tot Ion:152 Resp: 4340
Ion Ratio Lower Upper
152 100
151 19.3 15.3 22.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.18 min Scan# 1307
Delta R.T. 0.03 min
Lab File: BN010852.D
Acq: 12 Jun 2020 21:19

Tgt Ion:164 Resp: 4737
Ion Ratio Lower Upper
164 100
162 100.9 81.0 121.6
160 47.6 38.9 58.3

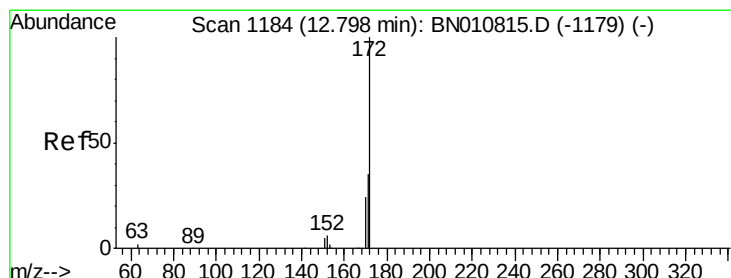
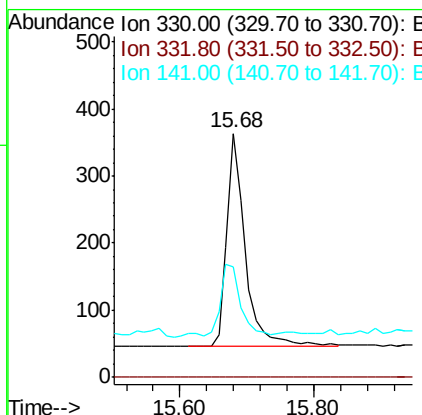
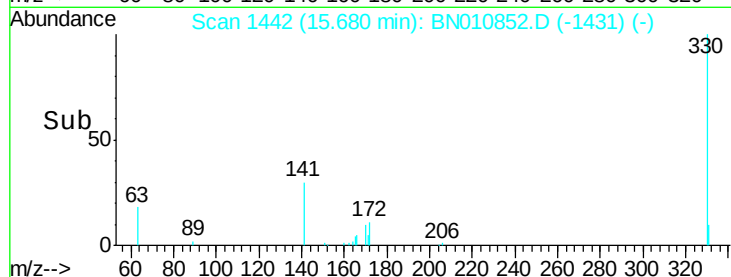
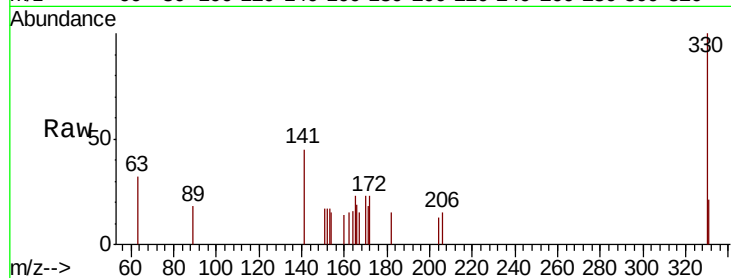




#14
 2,4,6-Tribromophenol
 Concen: 0.359 ng
 RT: 15.68 min Scan# 1442
 Delta R.T. 0.02 min
 Lab File: BN010852.D
 Acq: 12 Jun 2020 21:19

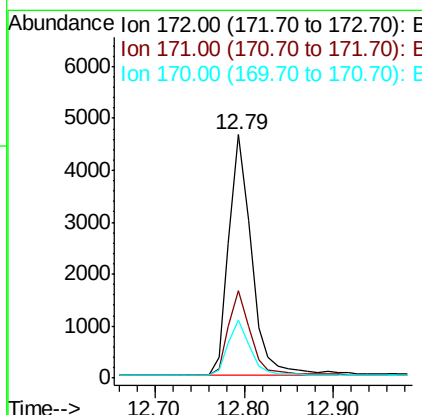
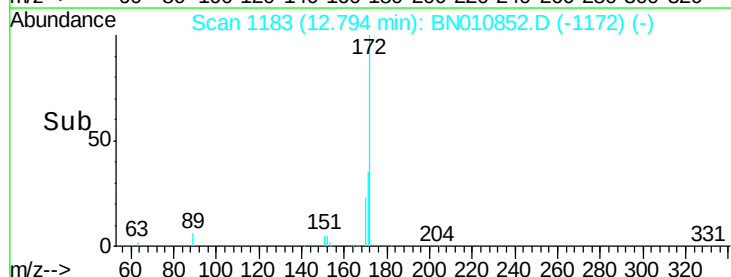
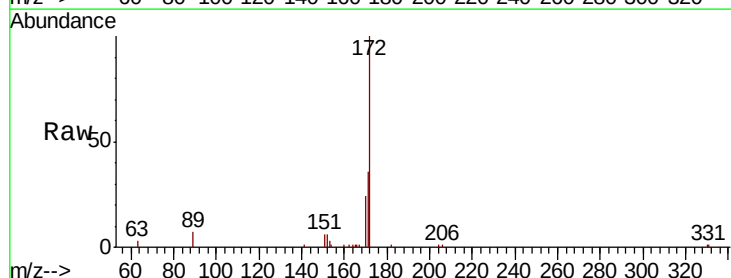
Instrument :
 BNA_N
 ClientSampleId :
 RE108D1-20200608

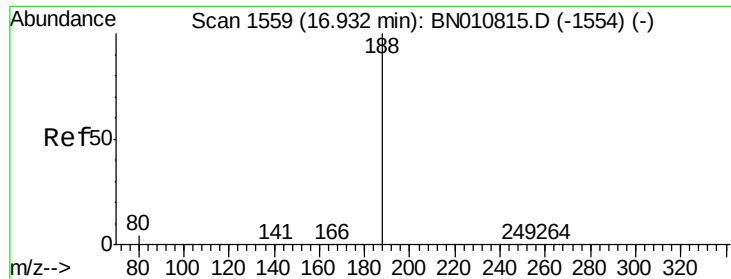
Tot Ion:330 Resp: 609
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 35.6 33.2 49.8



#15
 2-Fluorobiphenyl
 Concen: 0.449 ng
 RT: 12.79 min Scan# 1183
 Delta R.T. 0.02 min
 Lab File: BN010852.D
 Acq: 12 Jun 2020 21:19

Tgt Ion:172 Resp: 8391
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.5 42.7
 170 24.0 19.7 29.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.93 min Scan# 1558

Delta R.T. 0.02 min

Lab File: BN010852.D

Acq: 12 Jun 2020 21:19

Instrument :

BNA_N

ClientSampleId :

RE108D1-20200608

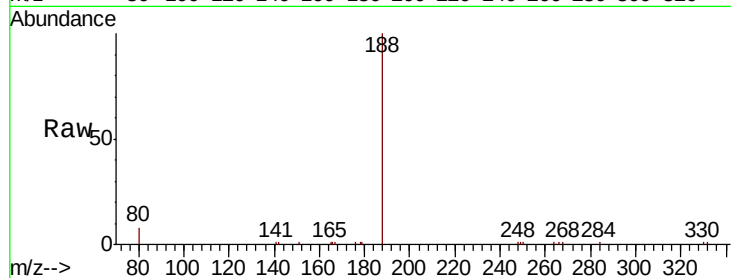
Tot Ion:188 Resp: 9612

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

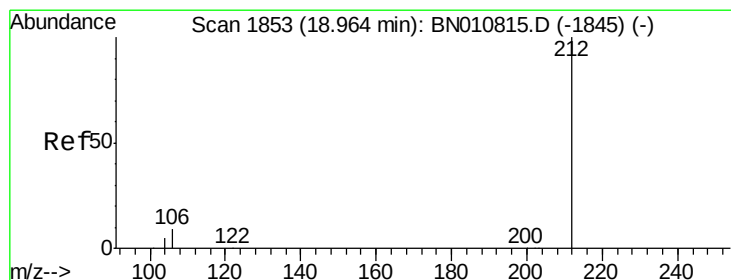
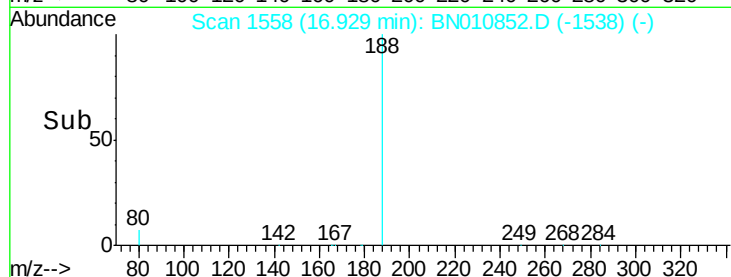
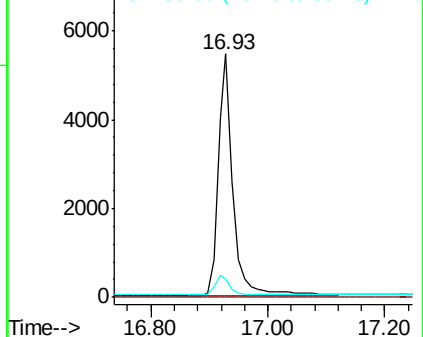
80 7.7 4.5 6.7#



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: 0.408 ng

RT: 18.96 min Scan# 1851

Delta R.T. 0.02 min

Lab File: BN010852.D

Acq: 12 Jun 2020 21:19

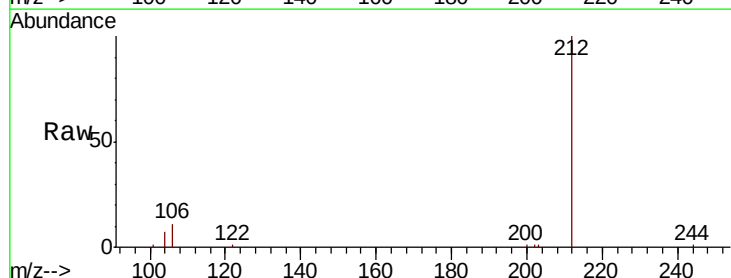
Tgt Ion:212 Resp: 10828

Ion Ratio Lower Upper

212 100

106 9.7 6.6 10.0

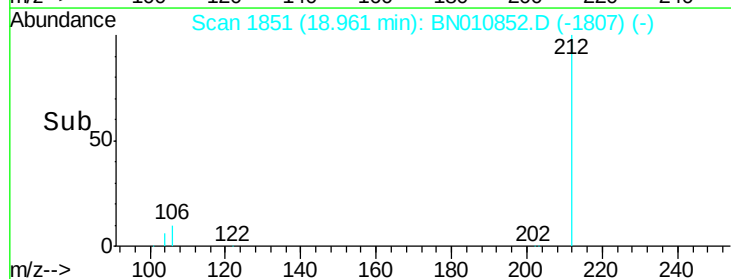
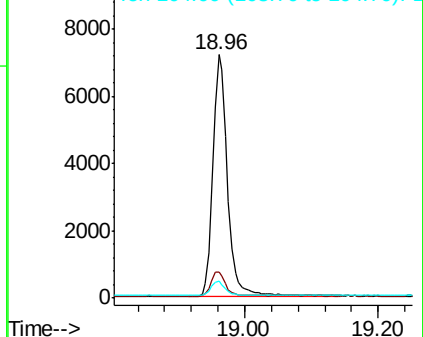
104 5.7 4.0 6.0

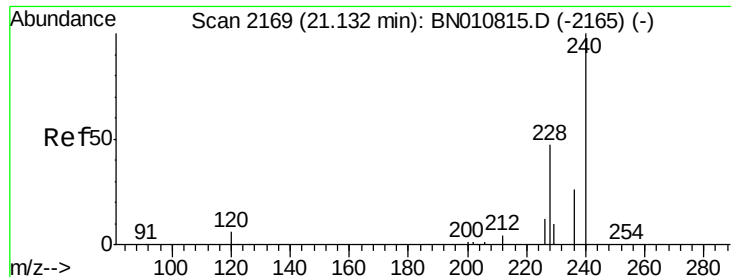


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.13 min Scan# 2168

Delta R.T. 0.01 min

Lab File: BN010852.D

Acq: 12 Jun 2020 21:19

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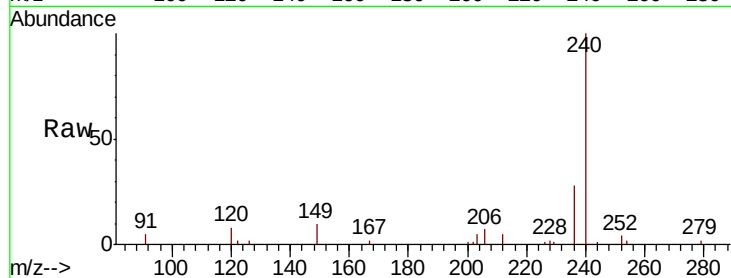
Tot Ion:240 Resp: 9363

Ion Ratio Lower Upper

240 100

120 8.3 7.5 11.3

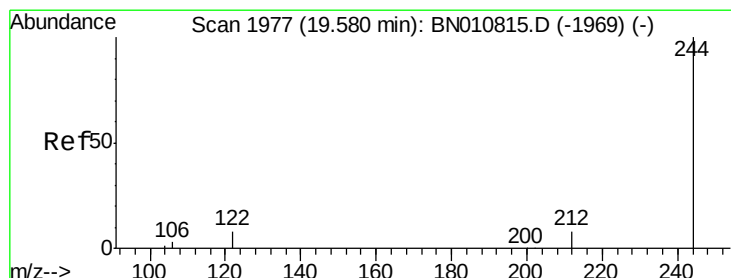
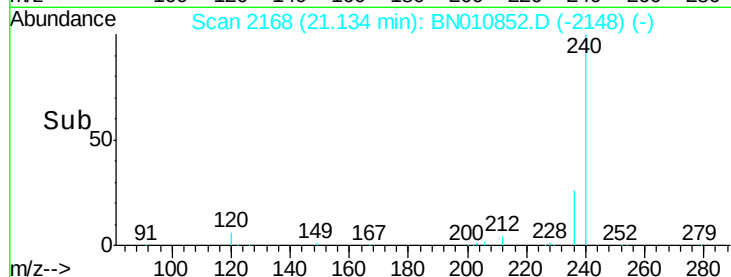
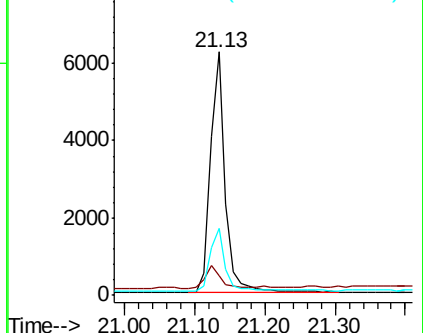
236 27.7 22.3 33.5



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: 0.534 ng

RT: 19.58 min Scan# 1975

Delta R.T. 0.01 min

Lab File: BN010852.D

Acq: 12 Jun 2020 21:19

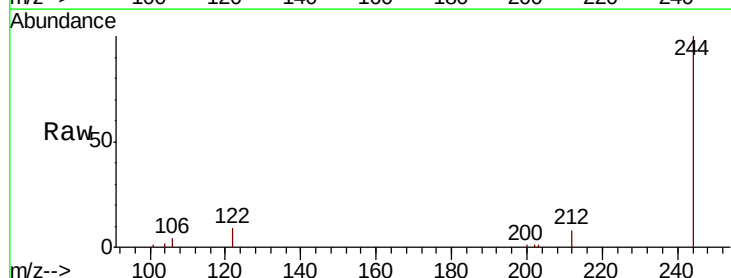
Tgt Ion:244 Resp: 11709

Ion Ratio Lower Upper

244 100

212 8.2 7.4 11.2

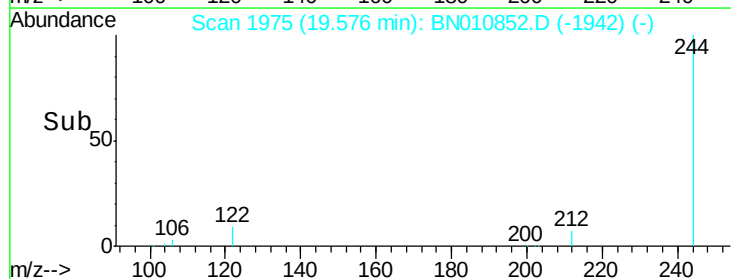
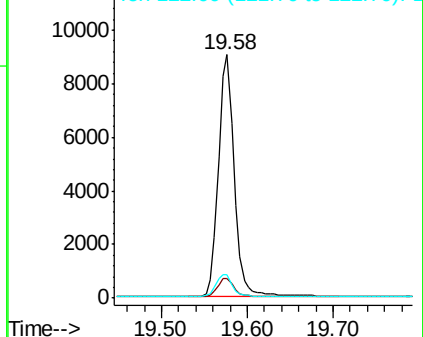
122 9.4 7.5 11.3

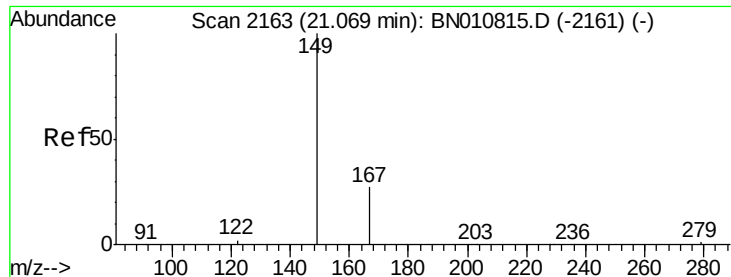


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.070 ng

RT: 21.07 min Scan# 2162

Delta R.T. 0.01 min

Lab File: BN010852.D

Acq: 12 Jun 2020 21:19

Instrument :

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RE108D1-20200608

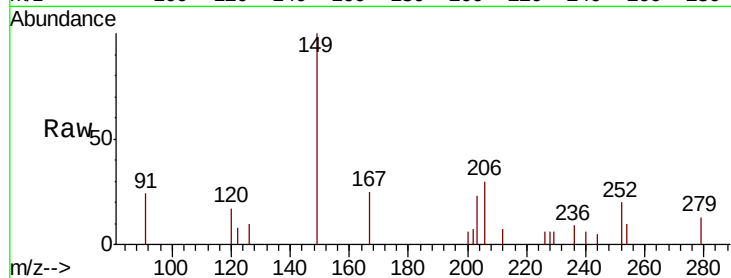
Tot Ion:149 Resp: 643

Ion Ratio Lower Upper

149 100

167 27.7 24.1 36.1

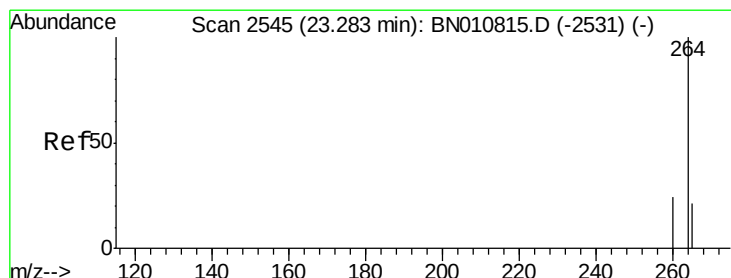
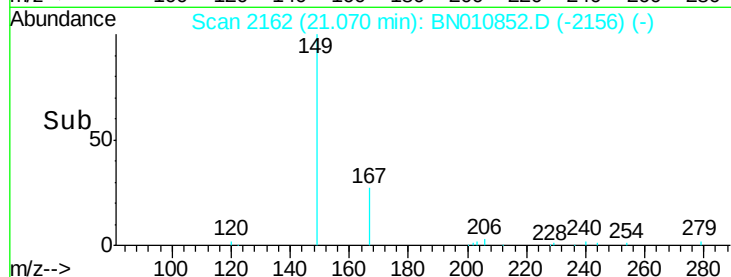
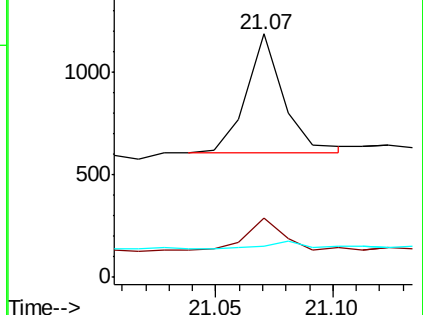
279 7.5 4.6 7.0#



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.28 min Scan# 2543

Delta R.T. 0.02 min

Lab File: BN010852.D

Acq: 12 Jun 2020 21:19

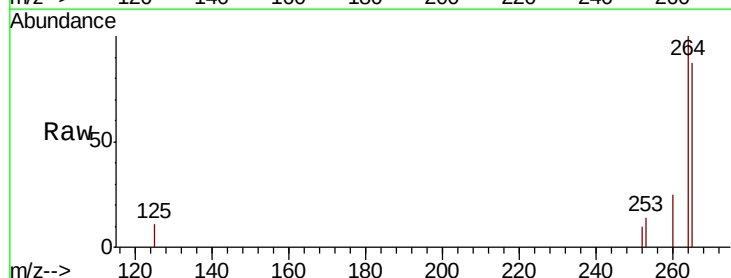
Tgt Ion:264 Resp: 9879

Ion Ratio Lower Upper

264 100

260 24.9 20.4 30.6

265 86.6 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

