

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 23 20:01:34 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

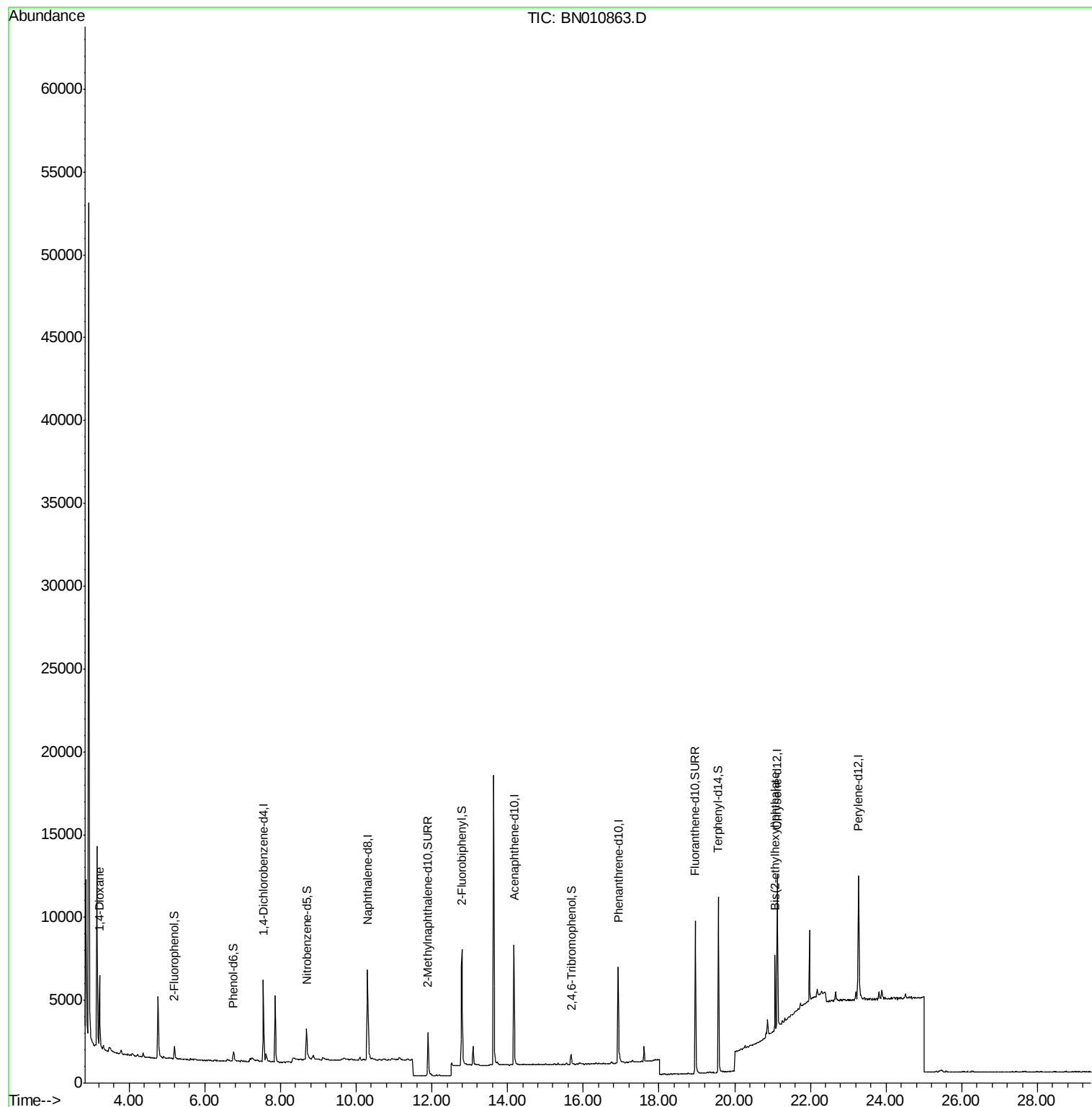
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	2450	0.40	ng	0.02
7) Naphthalene-d8	10.30	136	8718	0.40	ng	0.03
13) Acenaphthene-d10	14.18	164	4867	0.40	ng	0.03
19) Phenanthrene-d10	16.93	188	10208	0.40	ng	0.02
27) Chrysene-d12	21.12	240	9830	0.40	ng	0.00
34) Perylene-d12	23.27	264	10407	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	773	0.16	ng	0.02
5) Phenol-d6	6.75	99	526	0.09	ng	0.02
8) Nitrobenzene-d5	8.69	82	2316	0.36	ng	0.03
11) 2-Methylnaphthalene-d10	11.90	152	4276	0.32	ng	0.02
14) 2,4,6-Tribromophenol	15.68	330	607	0.35	ng	0.02
15) 2-Fluorobiphenyl	12.79	172	7274	0.38	ng	0.02
25) Fluoranthene-d10	18.96	212	11497	0.41	ng	0.02
29) Terphenyl-d14	19.57	244	11113	0.48	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.22	88	3482	1.451	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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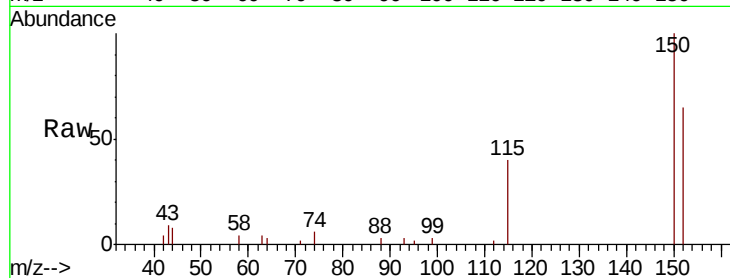


#1

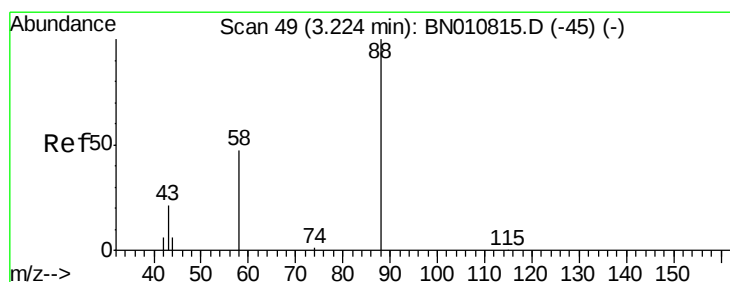
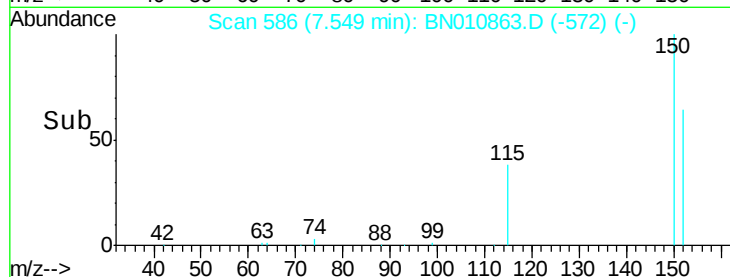
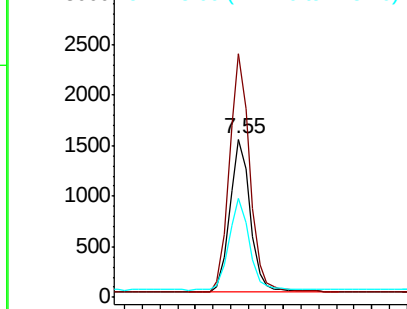
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.55 min Scan# 586
 Delta R.T. 0.02 min
 Lab File: BN010863.D
 Acq: 13 Jun 2020 03:55

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



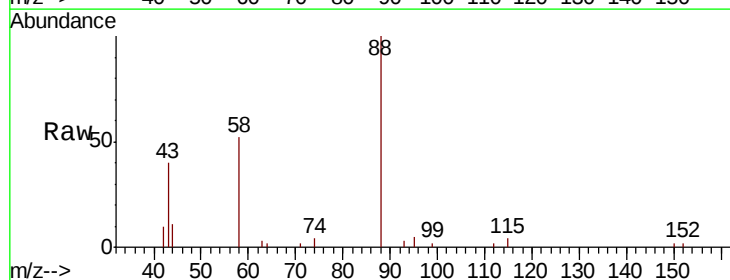
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



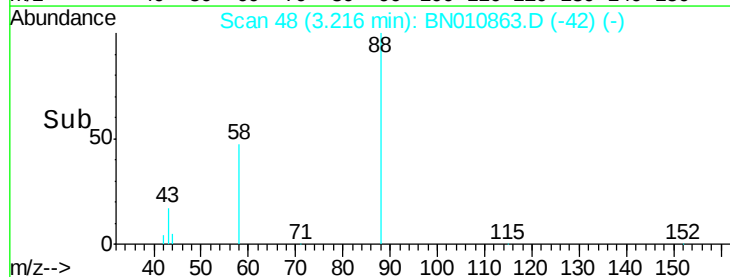
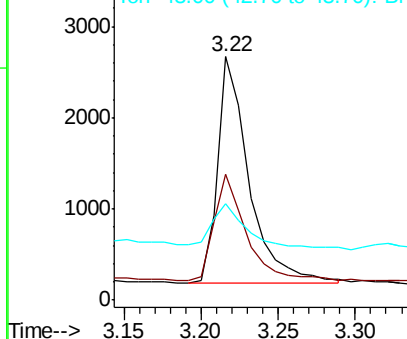
#2

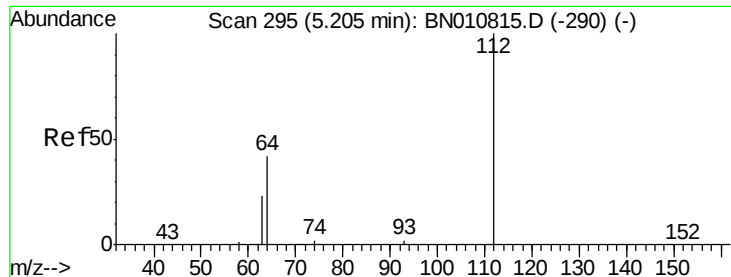
1,4-Dioxane
 Concen: 1.451 ng
 RT: 3.22 min Scan# 48
 Delta R.T. 0.00 min
 Lab File: BN010863.D
 Acq: 13 Jun 2020 03:55

Tgt Ion: 88 Resp: 3482
 Ion Ratio Lower Upper
 88 100
 58 47.2 38.2 57.4
 43 20.0 15.1 22.7



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





#4

2-Fluorophenol

Concen: 0.163 ng

RT: 5.20 min Scan# 294

Delta R.T. 0.02 min

Lab File: BN010863.D

Acq: 13 Jun 2020 03:55

Instrument :

BNA_N

ClientSampleId :

RE131D3-20200609

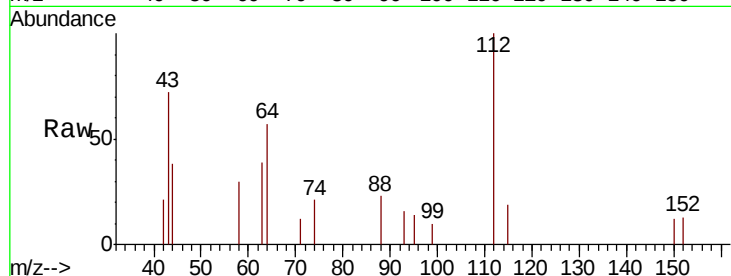
Tot Ion:112 Resp: 773

Ion Ratio Lower Upper

112 100

64 44.9 37.4 56.0

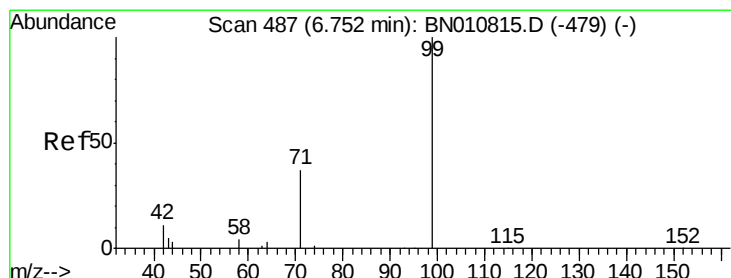
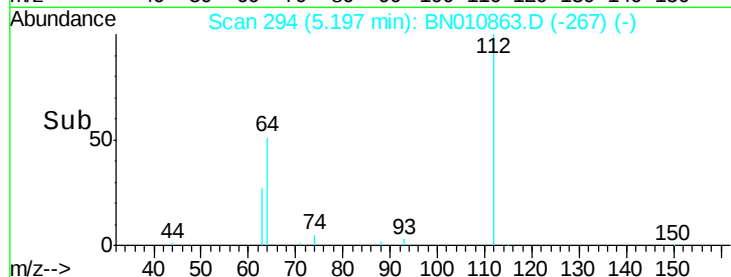
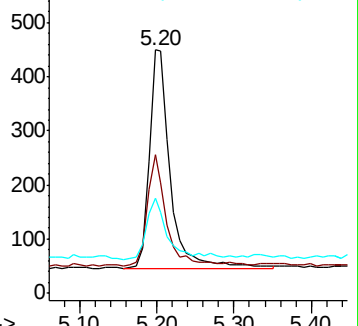
63 28.7 22.2 33.4



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

Phenol-d6

Concen: 0.094 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.02 min

Lab File: BN010863.D

Acq: 13 Jun 2020 03:55

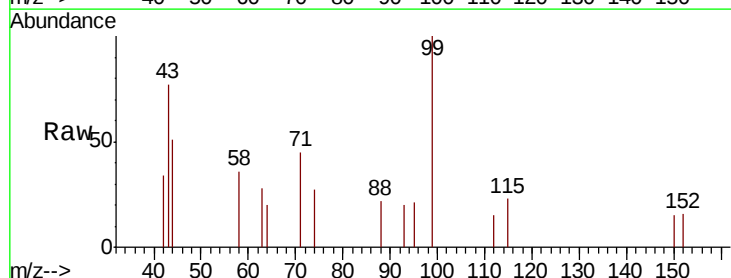
Tgt Ion: 99 Resp: 526

Ion Ratio Lower Upper

99 100

42 15.4 11.1 16.7

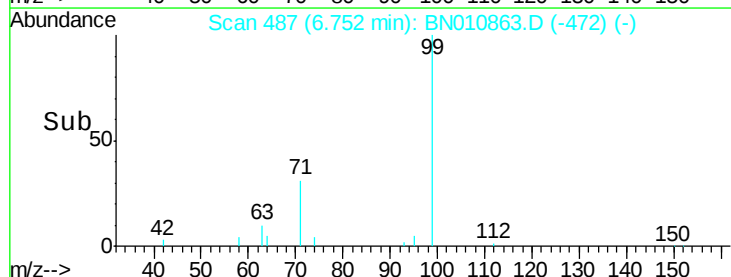
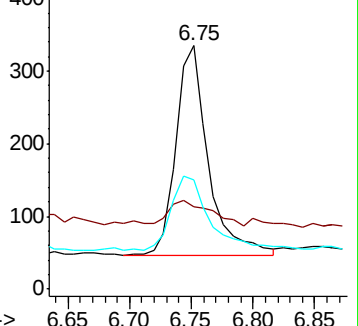
71 42.2 31.4 47.2

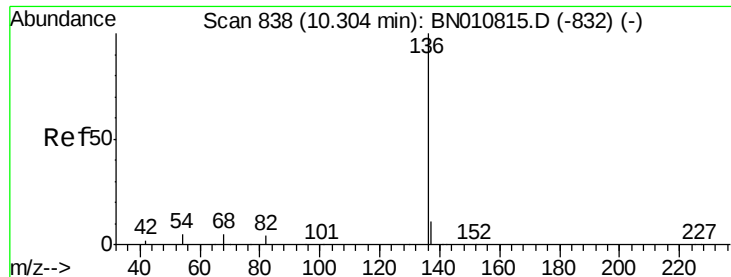


Abundance Ion 99.00 (98.70 to 99.70): BNO

Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.30 min Scan# 838

Delta R.T. 0.03 min

Lab File: BN010863.D

Acq: 13 Jun 2020 03:55

Instrument :

BNA_N

ClientSampleId :

RE131D3-20200609

Tot Ion:136 Resp: 8718

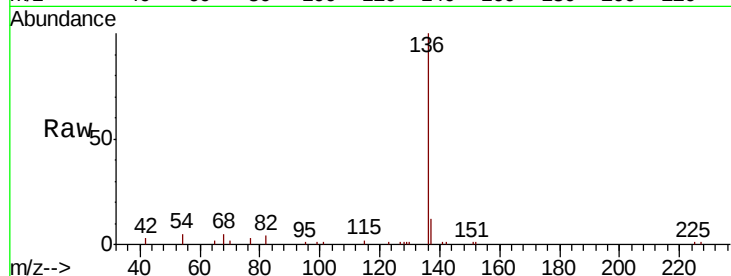
Ion Ratio Lower Upper

136 100

137 12.1 9.7 14.5

54 4.7 4.9 7.3#

68 5.0 4.7 7.1

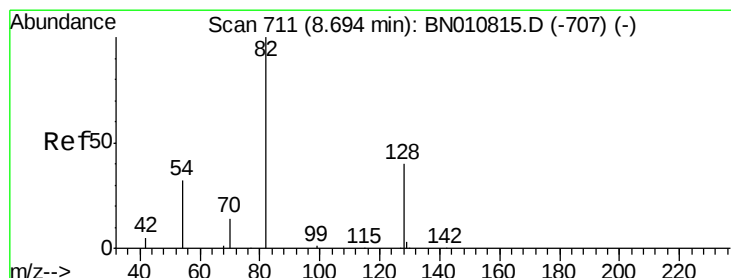
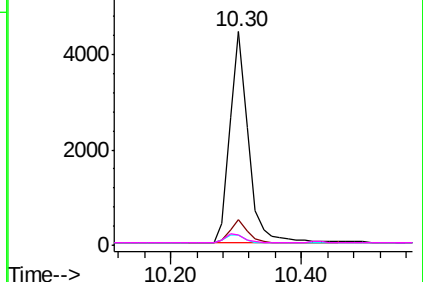
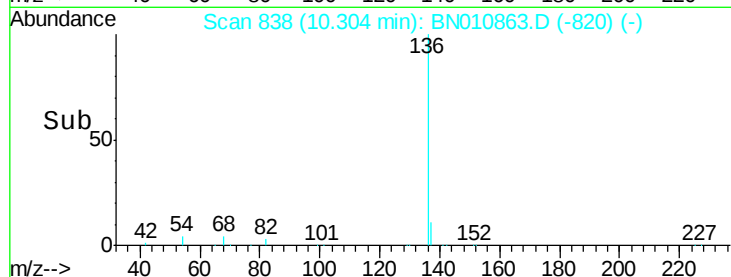


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.359 ng

RT: 8.69 min Scan# 711

Delta R.T. 0.03 min

Lab File: BN010863.D

Acq: 13 Jun 2020 03:55

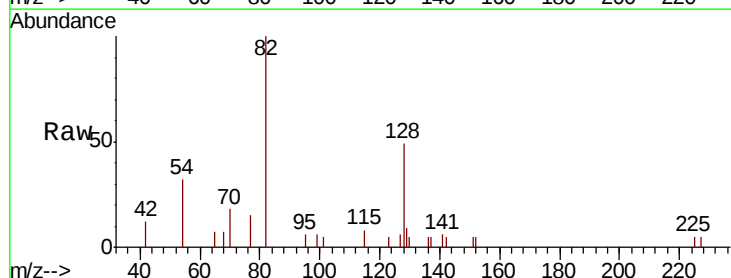
Tgt Ion: 82 Resp: 2316

Ion Ratio Lower Upper

82 100

128 49.4 35.4 53.0

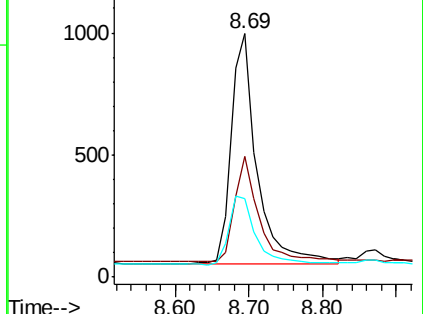
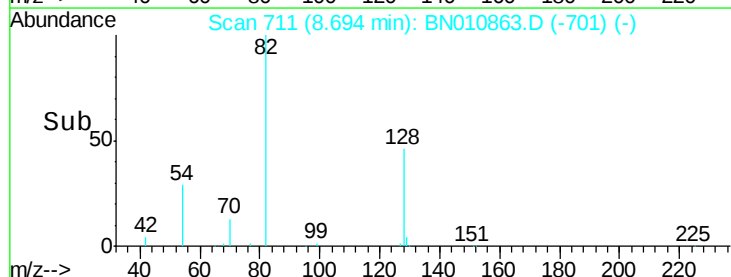
54 32.3 28.2 42.4

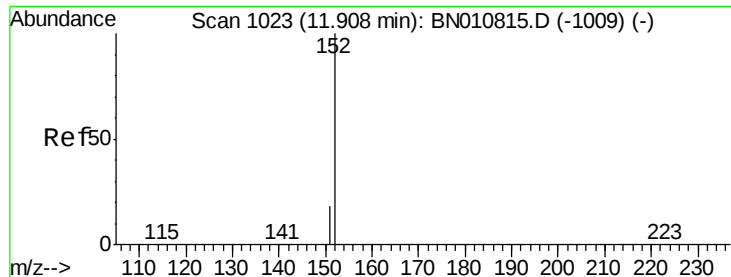


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

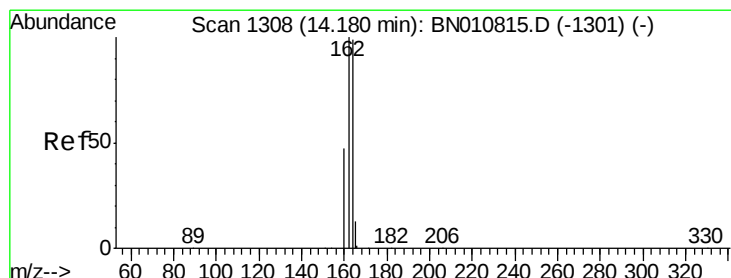
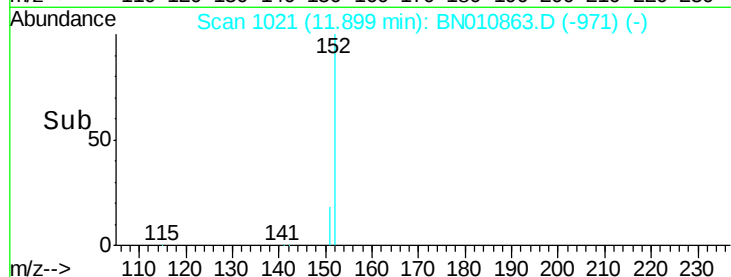
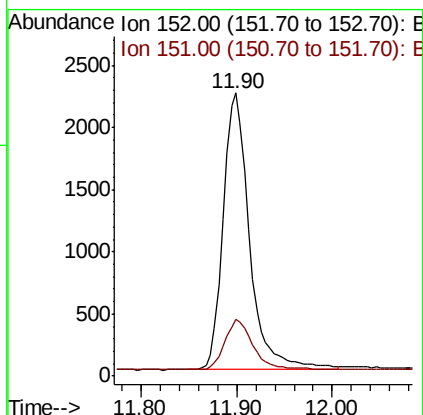
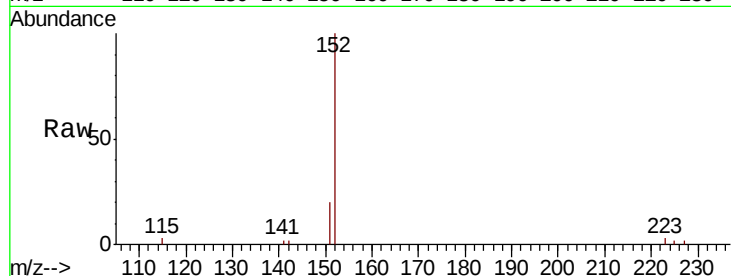




#11
2-Methylnaphthalene-d10
Concen: 0.316 ng
RT: 11.90 min Scan# 1021
Delta R.T. 0.02 min
Lab File: BN010863.D
Acq: 13 Jun 2020 03:55

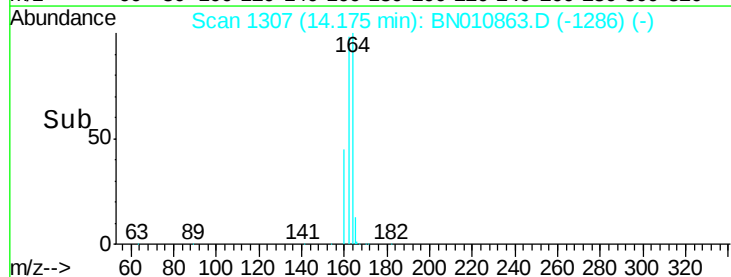
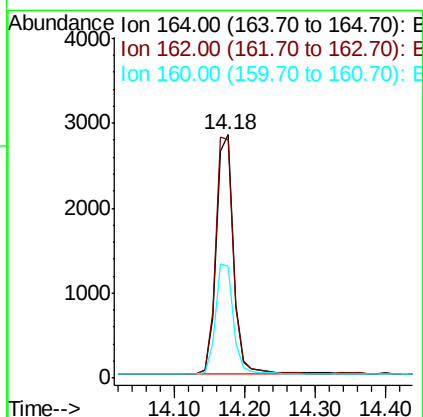
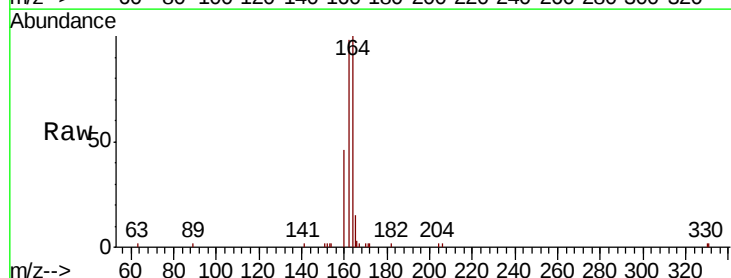
Instrument :
BNA_N
ClientSampleId :
RE131D3-20200609

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. 0.03 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

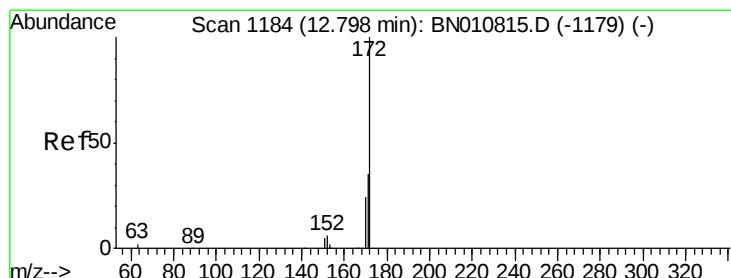
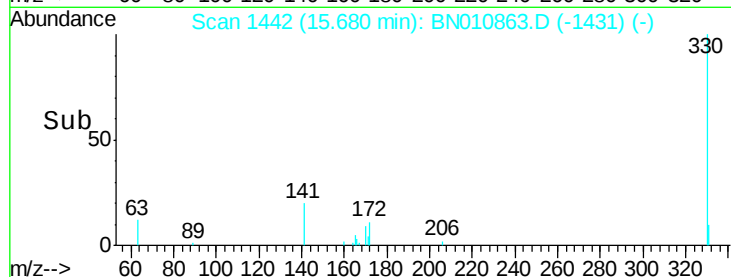
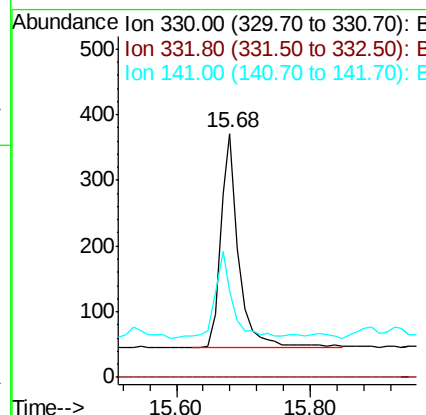
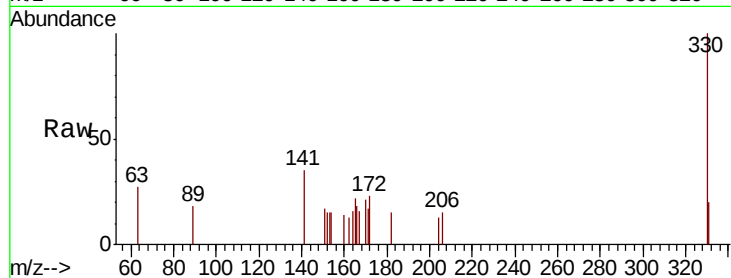




#14
 2,4,6-Tribromophenol
 Concen: 0.349 ng
 RT: 15.68 min Scan# 1442
 Delta R.T. 0.02 min
 Lab File: BN010863.D
 Acq: 13 Jun 2020 03:55

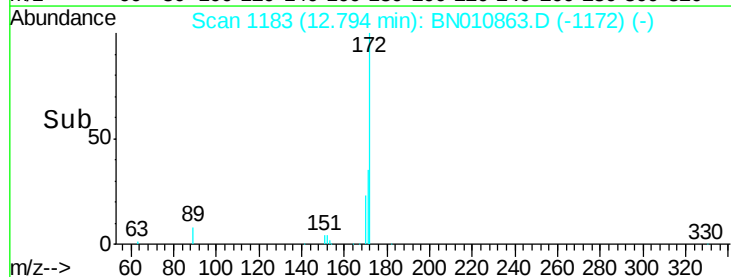
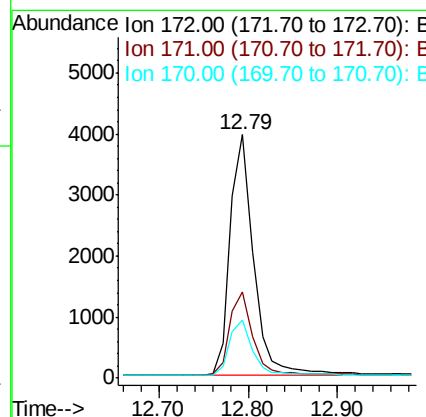
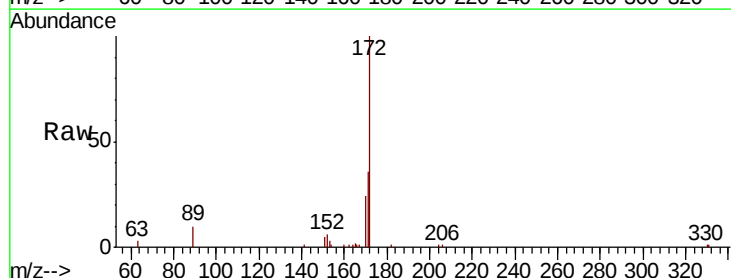
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 ClientSampleId :
 RE131D3-20200609

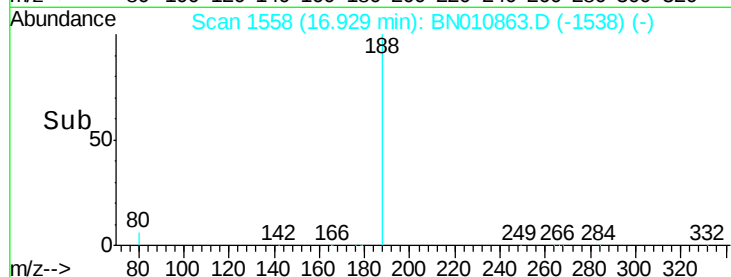
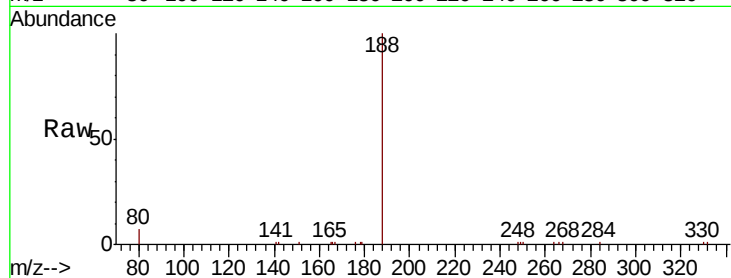
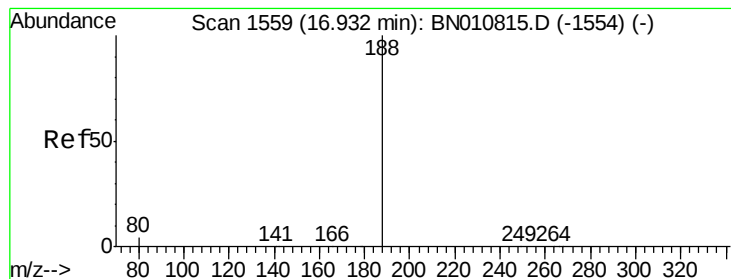
Tot Ion:330 Resp: 607
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 36.1 33.2 49.8



#15
 2-Fluorobiphenyl
 Concen: 0.379 ng
 RT: 12.79 min Scan# 1183
 Delta R.T. 0.02 min
 Lab File: BN010863.D
 Acq: 13 Jun 2020 03:55

Tgt Ion:172 Resp: 7274
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.5 42.7
 170 23.9 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: BN010863.D

Acq: 13 Jun 2020 03:55

Instrument :

BNA_N

ClientSampleId :

RE131D3-20200609

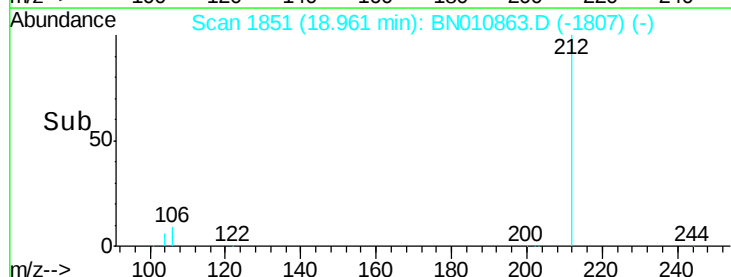
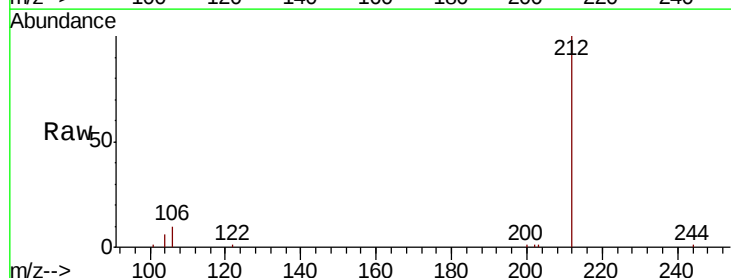
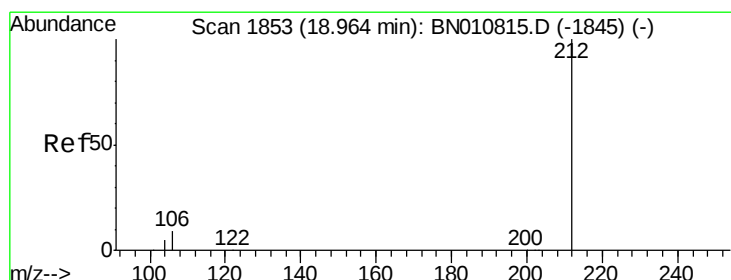
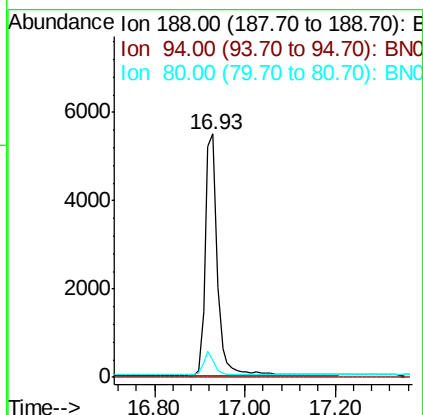
Tot Ion:188 Resp: 10208

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 6.8 4.5 6.7#



#25

Fluoranthene-d10

Concen: 0.408 ng

RT: 18.96 min Scan# 1851

Delta R.T. 0.02 min

Lab File: BN010863.D

Acq: 13 Jun 2020 03:55

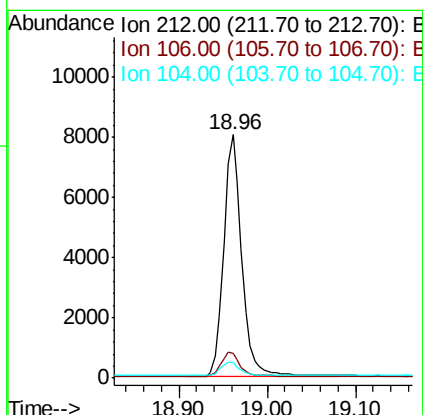
Tgt Ion:212 Resp: 11497

Ion Ratio Lower Upper

212 100

106 10.1 6.6 10.0#

104 5.8 4.0 6.0





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.12 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BN010863.D

Acq: 13 Jun 2020 03:55

Instrument :

BNA_N

ClientSampleId :

RE131D3-20200609

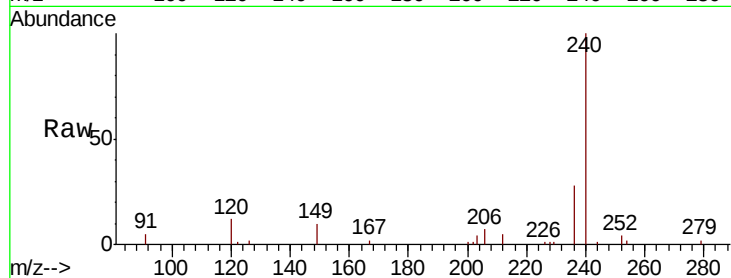
Tot Ion:240 Resp: 9830

Ion Ratio Lower Upper

240 100

120 11.6 7.5 11.3#

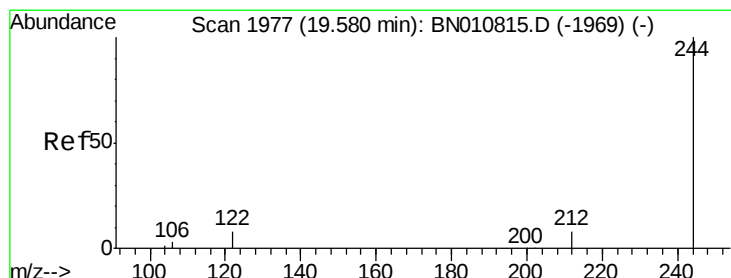
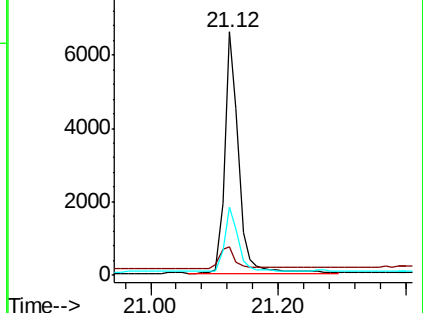
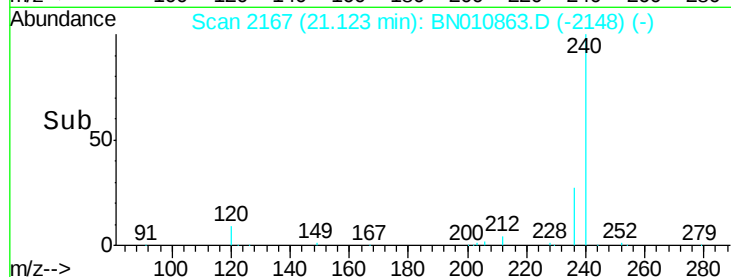
236 28.0 22.3 33.5



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: 0.483 ng

RT: 19.57 min Scan# 1974

Delta R.T. 0.01 min

Lab File: BN010863.D

Acq: 13 Jun 2020 03:55

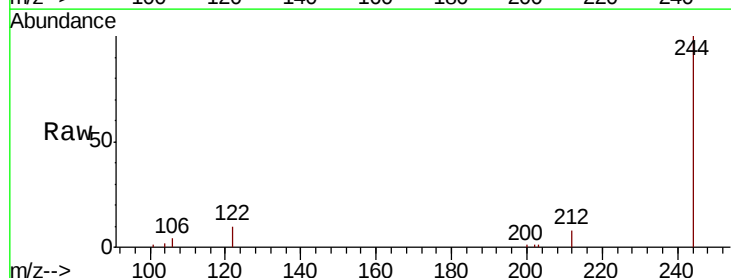
Tgt Ion:244 Resp: 11113

Ion Ratio Lower Upper

244 100

212 8.3 7.4 11.2

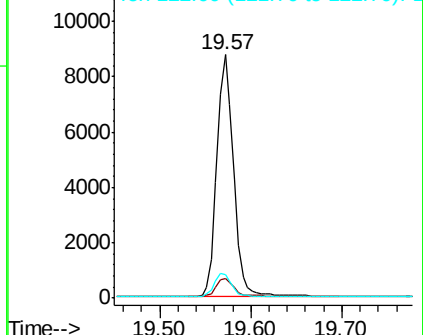
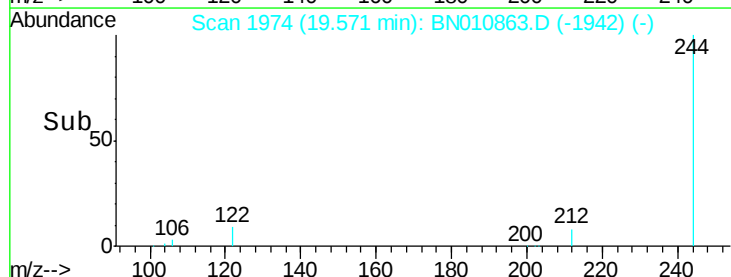
122 9.7 7.5 11.3

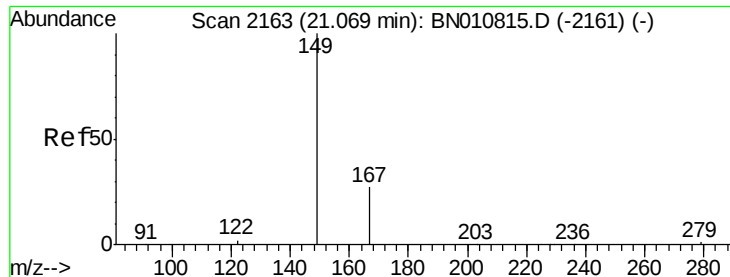


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.487 ng

RT: 21.07 min Scan# 2162

Delta R.T. 0.01 min

Lab File: BN010863.D

Acq: 13 Jun 2020 03:55

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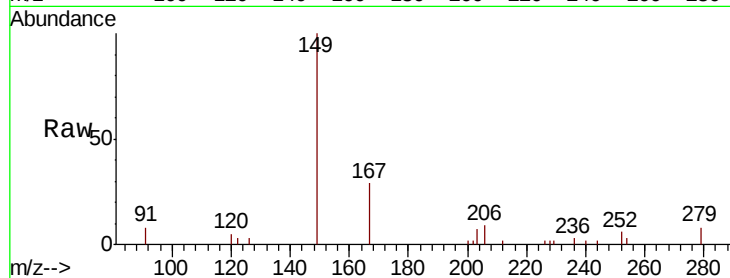
Tot Ion:149 Resp: 4695

Ion Ratio Lower Upper

149 100

167 27.5 24.1 36.1

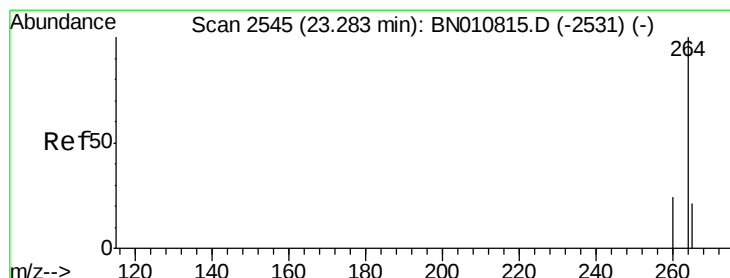
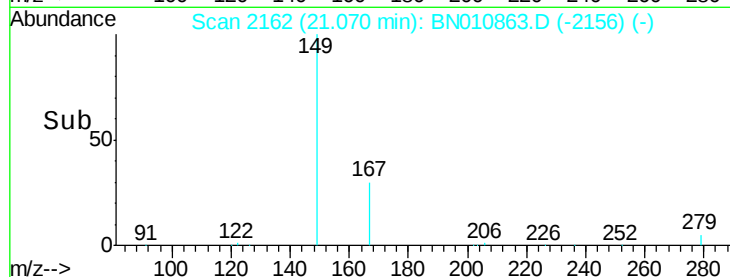
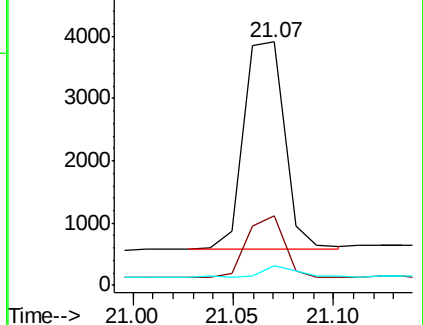
279 4.8 4.6 7.0



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

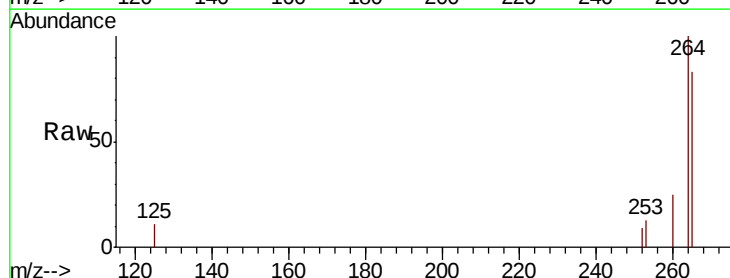
Tgt Ion:264 Resp: 10407

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

