

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031820\
 Data File : BN010272.D
 Acq On : 18 Mar 2020 20:20
 Operator : CG/JU
 Sample : L1903-25
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 19 01:13:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 02:17:23 2020
 Response via : Initial Calibration

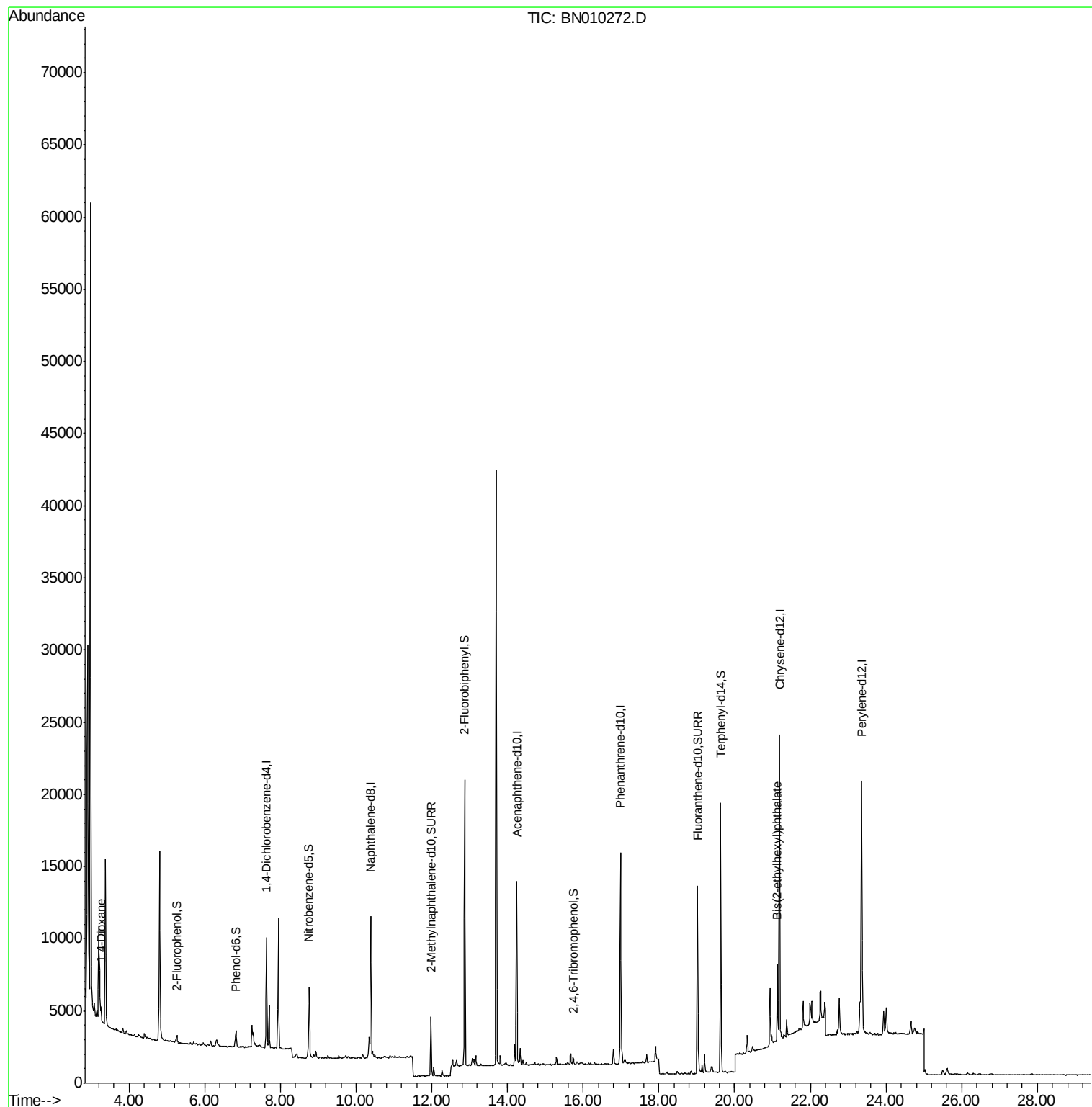
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3738	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	13156	0.40	ng	-0.01
13) Acenaphthene-d10	14.25	164	7855	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	18706	0.40	ng	-0.01
27) Chrysene-d12	21.19	240	20497	0.40	ng	-0.01
34) Perylene-d12	23.35	264	22609	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	446	0.05	ng	0.00
5) Phenol-d6	6.81	99	384	0.04	ng	0.00
8) Nitrobenzene-d5	8.76	82	4099	0.52	ng	-0.01
11) 2-Methylnaphthalene-d10	11.97	152	5557	0.26	ng	-0.02
14) 2,4,6-Tribromophenol	15.73	330	400	0.14	ng	-0.02
15) 2-Fluorobiphenyl	12.86	172	16822	0.60	ng	-0.01
25) Fluoranthene-d10	19.02	212	15303	0.26	ng	-0.02
29) Terphenyl-d14	19.63	244	19622	0.42	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.26	88	571	0.157	ng	# 63
32) Bis(2-ethylhexyl)phthalate	21.13	149	4916	0.166	ng	# 98

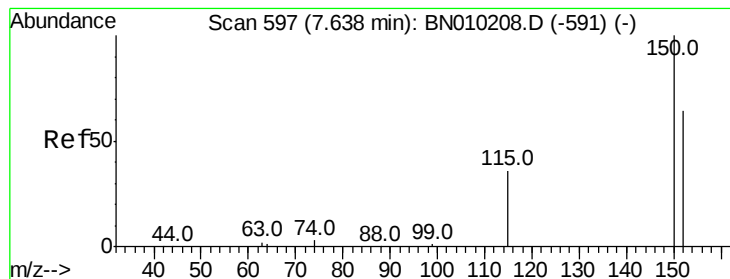
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Mar 16 02:17:23 2020
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.63 min Scan# 596

Delta R.T. -0.01 min

Lab File: BN010272.D

Acq: 18 Mar 2020 20:20

Instrument :

BNA_N

ClientSampleId :

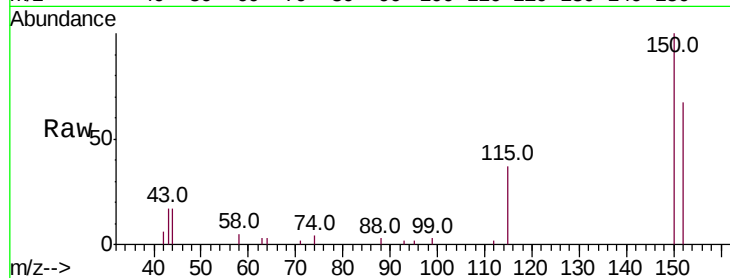
Tot Ion:152 Resp: 3738

Ion Ratio Lower Upper

152 100

150 148.4 119.5 179.3

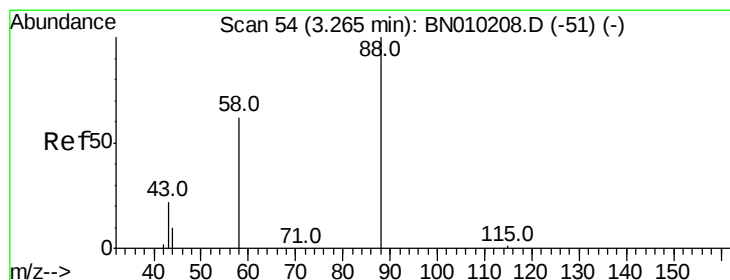
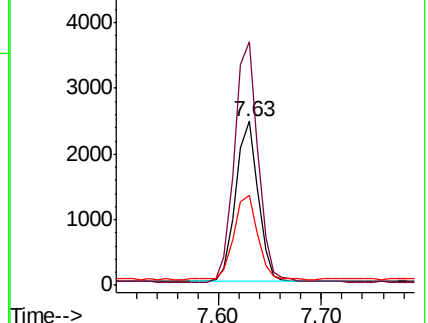
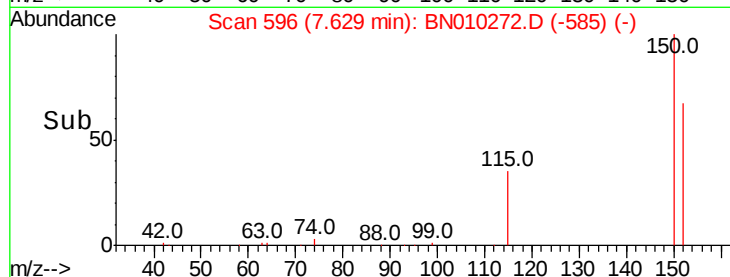
115 54.6 50.9 76.3



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: 0.157 ng

RT: 3.26 min Scan# 53

Delta R.T. -0.01 min

Lab File: BN010272.D

Acq: 18 Mar 2020 20:20

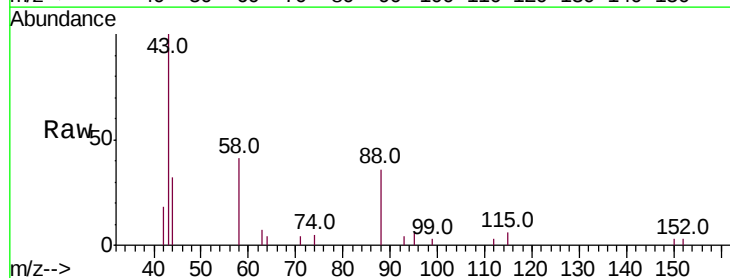
Tgt Ion: 88 Resp: 571

Ion Ratio Lower Upper

88 100

58 74.4 97.8 146.8#

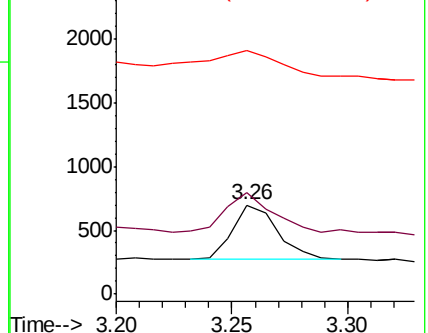
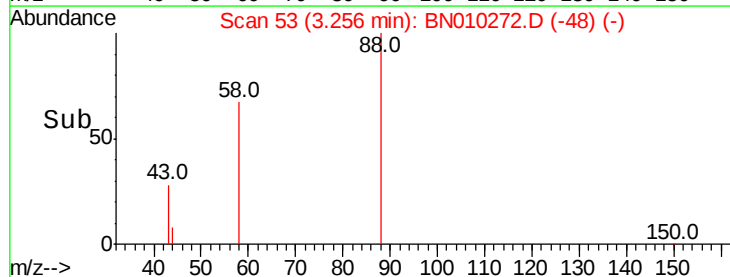
43 75.7 45.1 67.7#

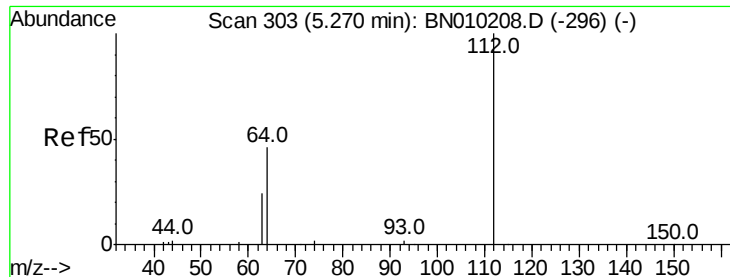


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.051 ng

RT: 5.26 min Scan# 302

Delta R.T. -0.01 min

Lab File: BN010272.D

Acq: 18 Mar 2020 20:20

Instrument :

BNA_N

ClientSampleId :

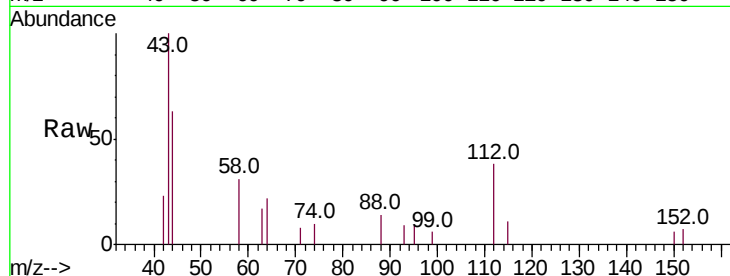
Tot Ion:112 Resp: 446

Ion Ratio Lower Upper

112 100

64 55.8 42.6 63.8

63 43.0 23.6 35.4#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0

400

300

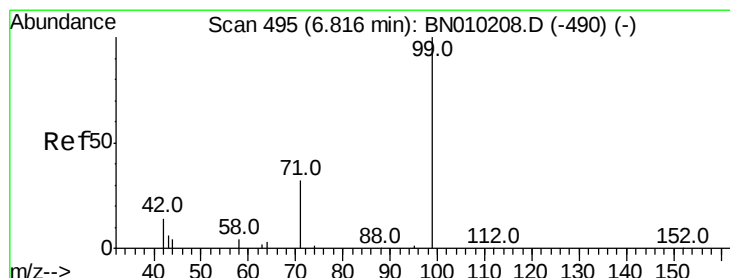
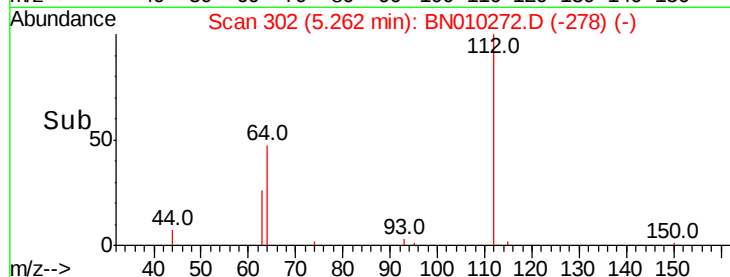
200

100

0

5.20 5.30 5.40

Time-->



#5

Phenol-d6

Concen: 0.035 ng

RT: 6.81 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN010272.D

Acq: 18 Mar 2020 20:20

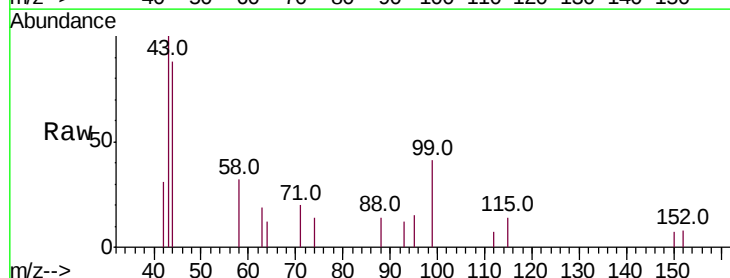
Tgt Ion: 99 Resp: 384

Ion Ratio Lower Upper

99 100

42 0.0 12.0 18.0#

71 50.8 22.6 33.8#



Abundance Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0

400

300

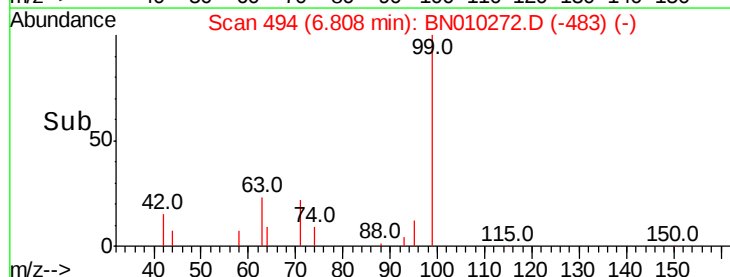
200

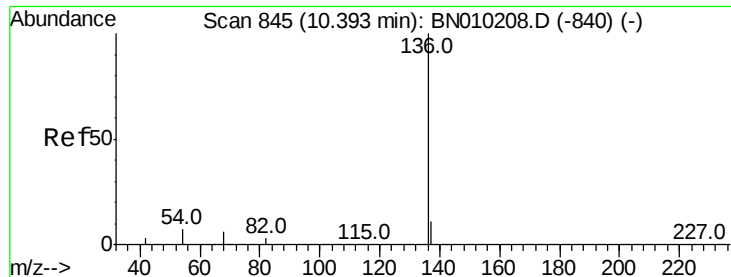
100

0

6.70 6.80 6.90

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. -0.01 min

Lab File: BN010272.D

Acq: 18 Mar 2020 20:20

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 13156

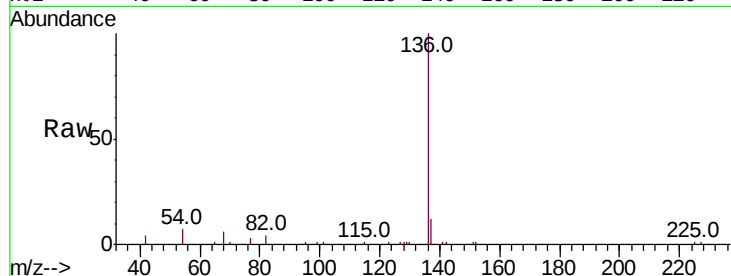
Ion Ratio Lower Upper

136 100

137 11.6 10.6 15.8

54 7.4 9.5 14.3#

68 6.3 9.7 14.5#

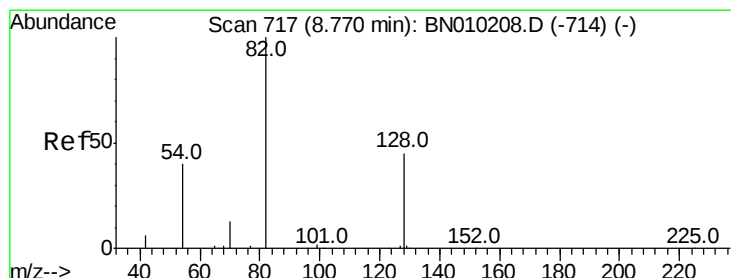
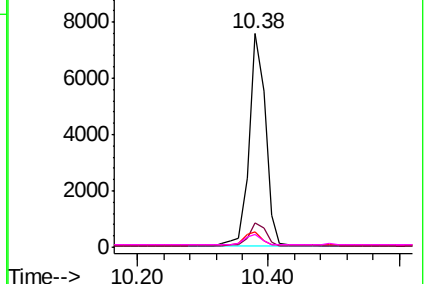
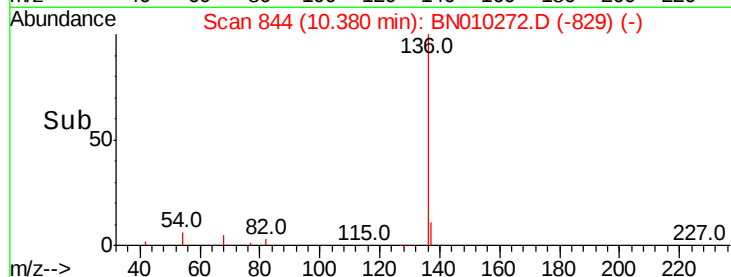


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.520 ng

RT: 8.76 min Scan# 716

Delta R.T. -0.01 min

Lab File: BN010272.D

Acq: 18 Mar 2020 20:20

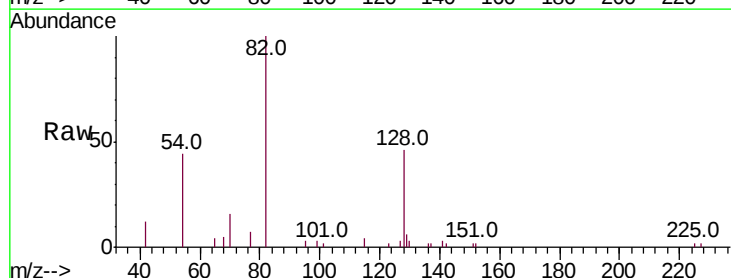
Tgt Ion: 82 Resp: 4099

Ion Ratio Lower Upper

82 100

128 46.2 35.0 52.6

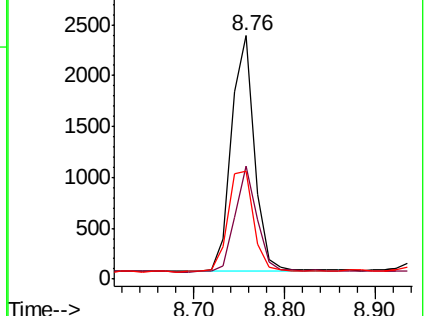
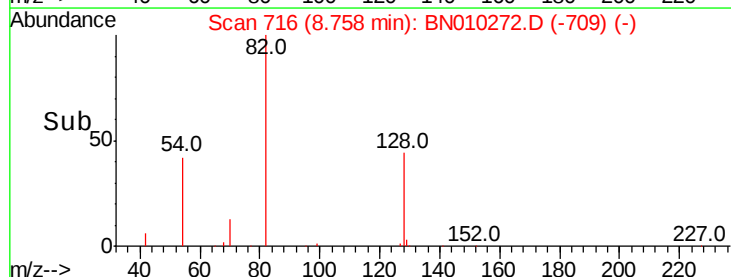
54 44.3 37.0 55.4

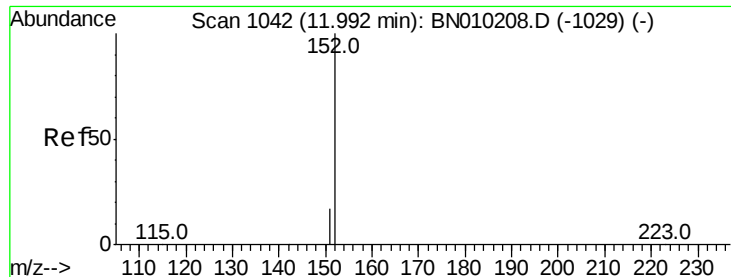


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

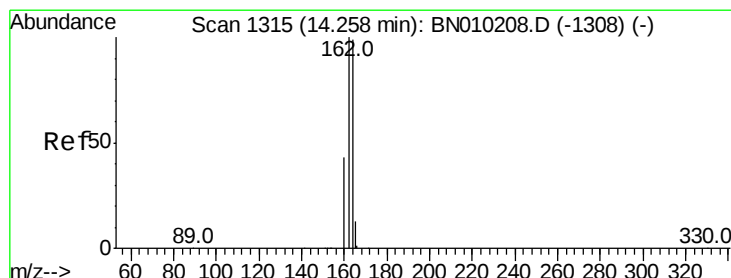
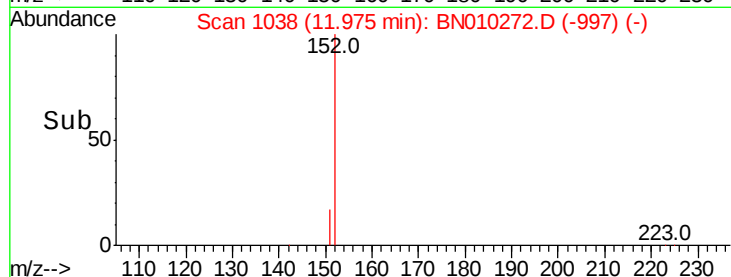
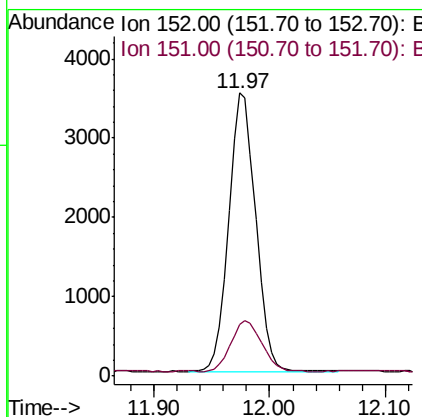
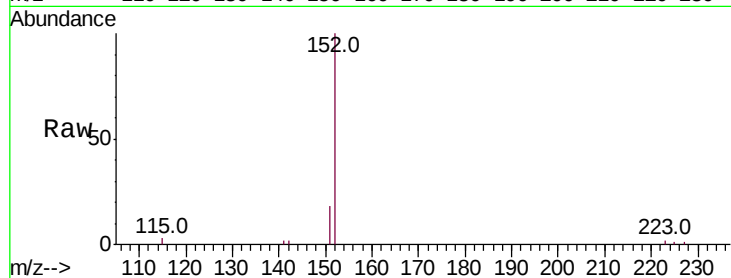




#11
2-Methylnaphthalene-d10
Concen: 0.256 ng
RT: 11.97 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BN010272.D
Acq: 18 Mar 2020 20:20

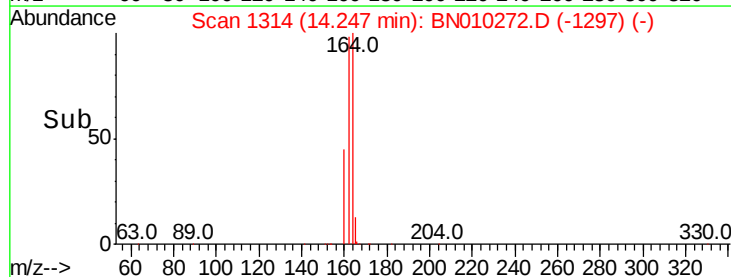
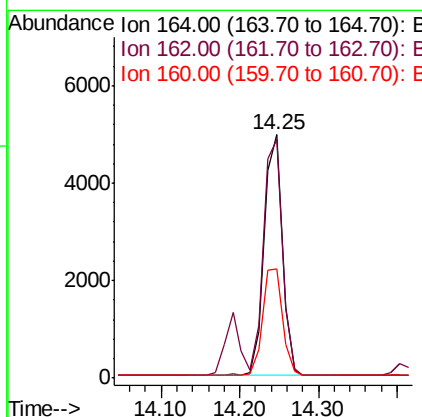
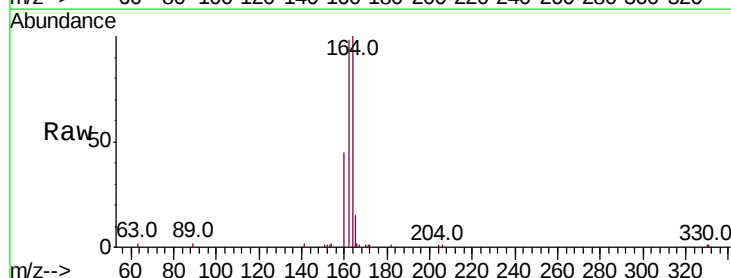
Instrument :
BNA_N
ClientSampleId :

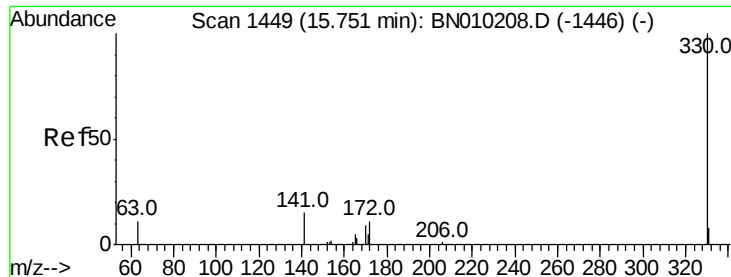
Tot Ion:152 Resp: 5557
Ion Ratio Lower Upper
152 100
151 20.6 15.0 22.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.25 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BN010272.D
Acq: 18 Mar 2020 20:20

Tgt Ion:164 Resp: 7855
Ion Ratio Lower Upper
164 100
162 98.0 81.0 121.4
160 45.1 35.6 53.4

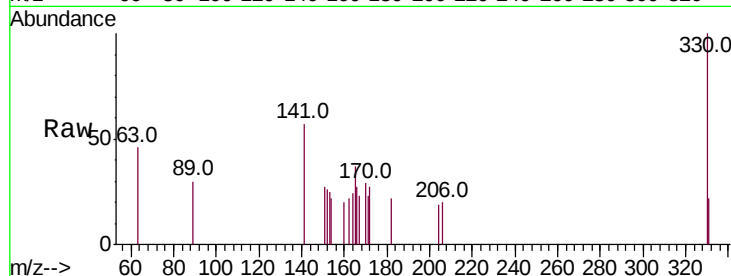




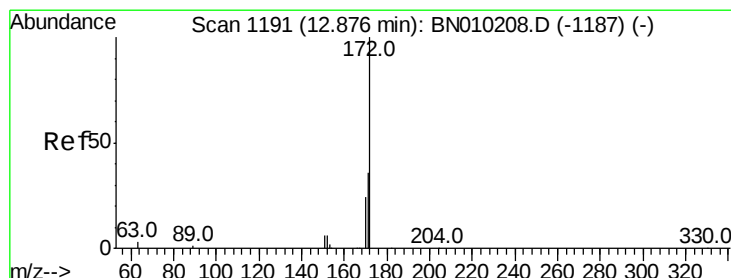
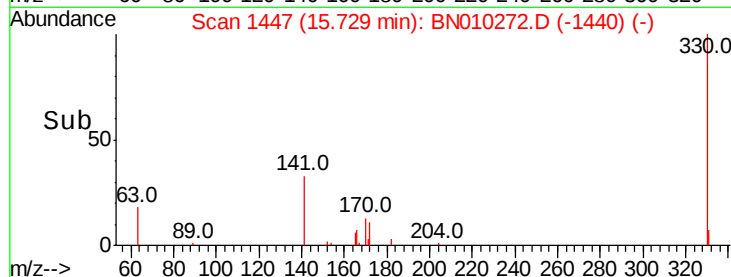
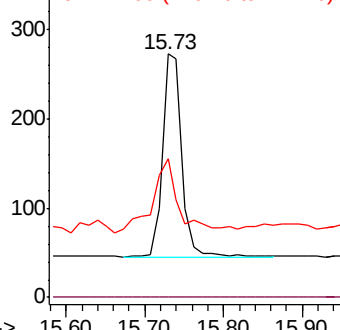
#14
2,4,6-Tribromophenol
Concen: 0.142 ng
RT: 15.73 min Scan# 1447
Delta R.T. -0.02 min
Lab File: BN010272.D
Acq: 18 Mar 2020 20:20

Instrument :
BNA_N
ClientSampleId :

Tot Ion:330 Resp: 400
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 49.0 25.1 37.7#

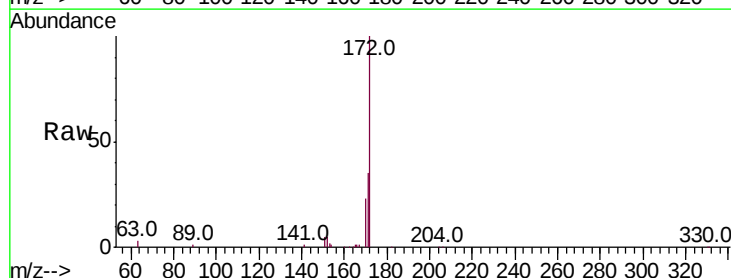


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

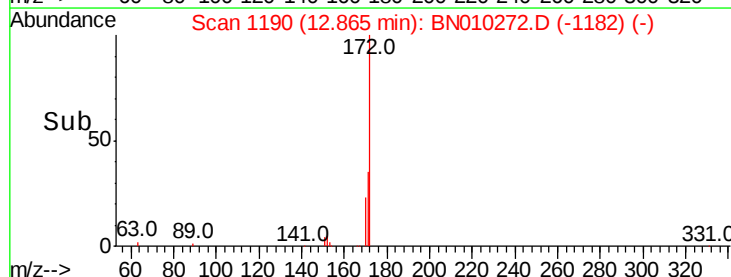
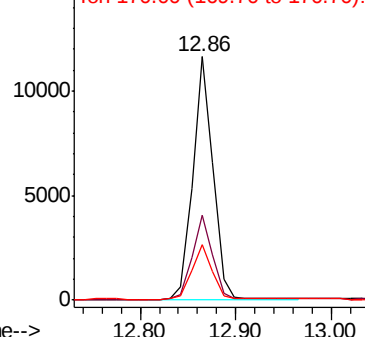


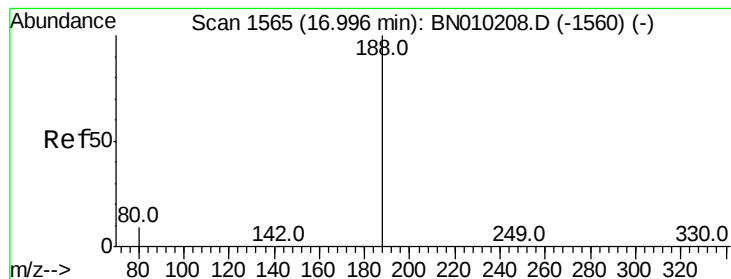
#15
2-Fluorobiphenyl
Concen: 0.601 ng
RT: 12.86 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BN010272.D
Acq: 18 Mar 2020 20:20

Tgt Ion:172 Resp: 16822
Ion Ratio Lower Upper
172 100
171 35.0 29.4 44.2
170 23.0 20.2 30.4



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: 16.99 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BN010272.D

Acq: 18 Mar 2020 20:20

Instrument :

BNA_N

ClientSampleId :

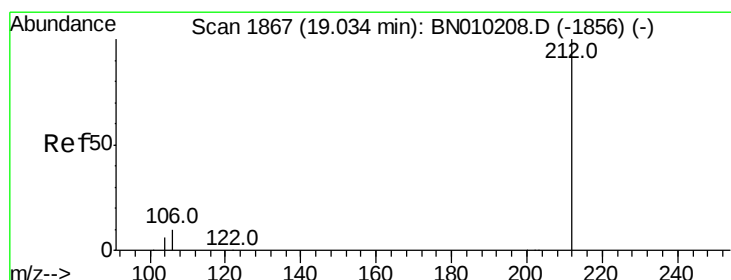
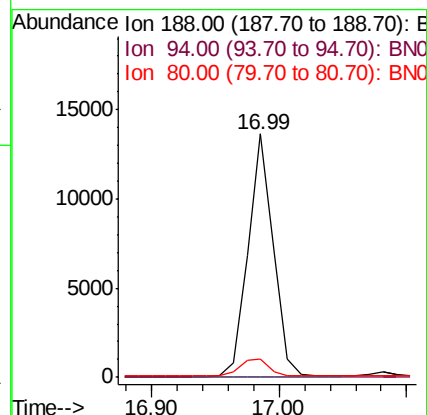
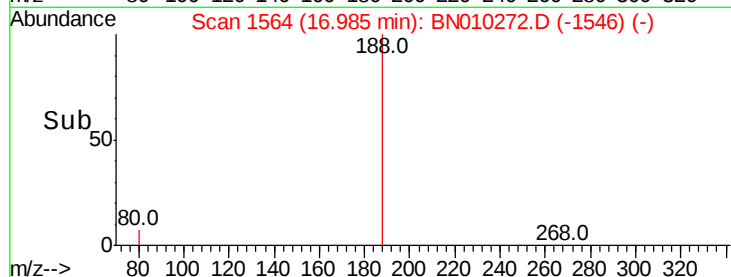
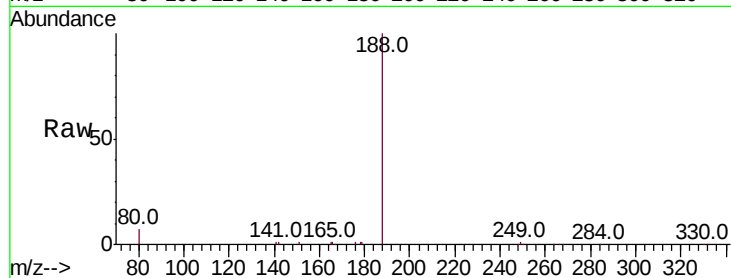
Tot Ion:188 Resp: 18706

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.5 8.6 12.8#



#25

Fluoranthene-d10

Concen: 0.265 ng

RT: 19.02 min Scan# 1864

Delta R.T. -0.02 min

Lab File: BN010272.D

Acq: 18 Mar 2020 20:20

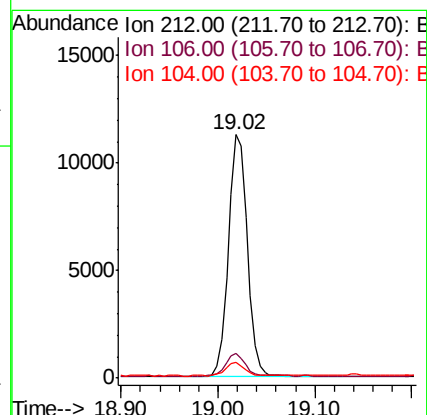
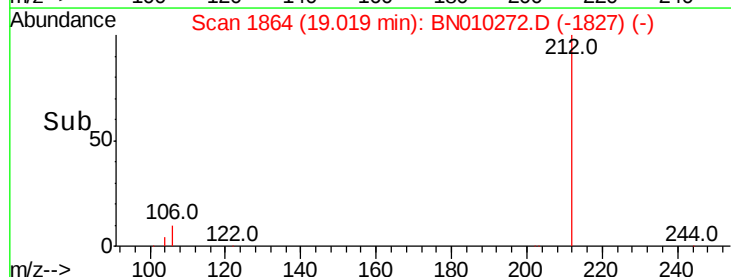
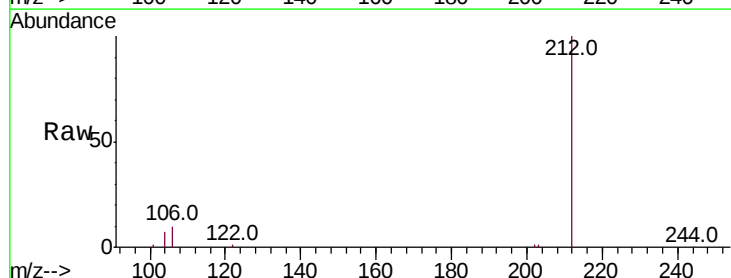
Tgt Ion:212 Resp: 15303

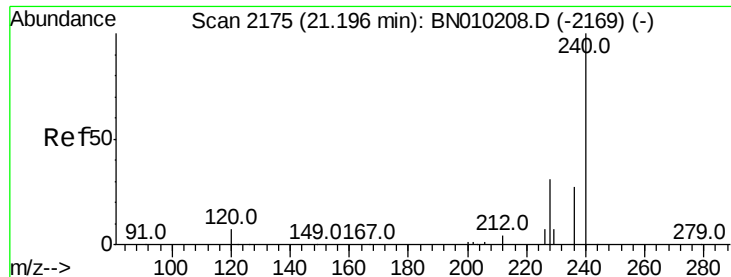
Ion Ratio Lower Upper

212 100

106 9.8 8.1 12.1

104 5.5 4.7 7.1





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN010272.D

Acq: 18 Mar 2020 20:20

Instrument :

BNA_N

ClientSampleId :

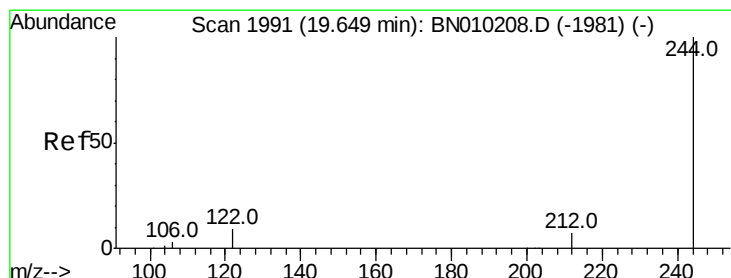
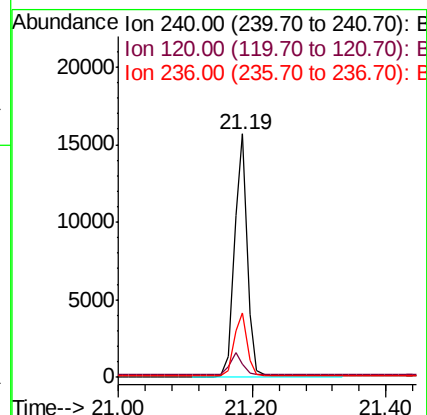
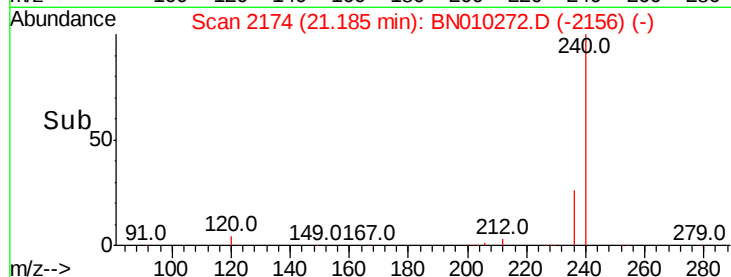
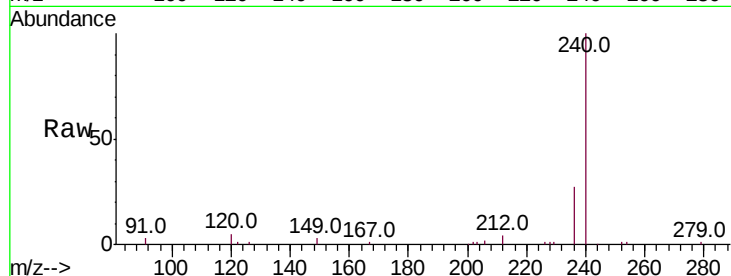
Tot Ion:240 Resp: 20497

Ion Ratio Lower Upper

240 100

120 5.3 7.7 11.5#

236 26.6 21.8 32.6



#29

Terphenyl-d14

Concen: 0.420 ng

RT: 19.63 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BN010272.D

Acq: 18 Mar 2020 20:20

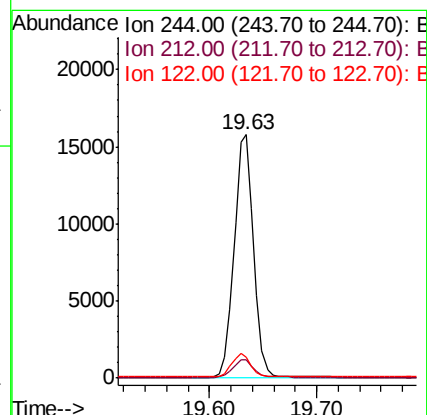
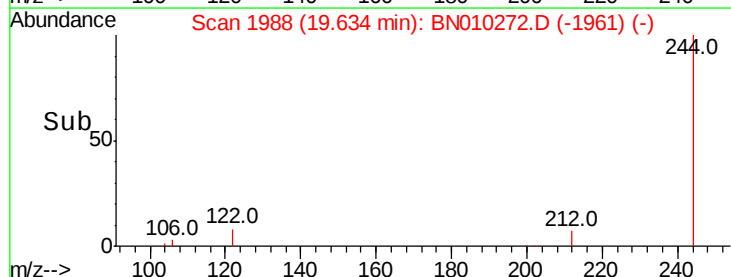
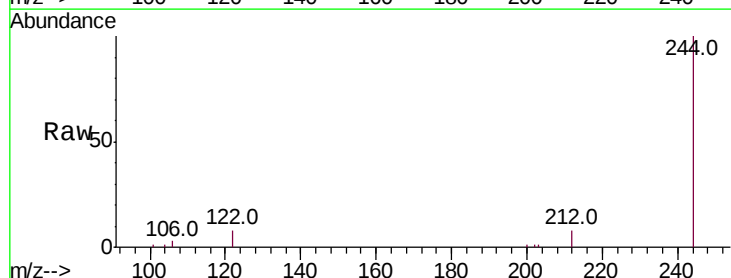
Tgt Ion:244 Resp: 19622

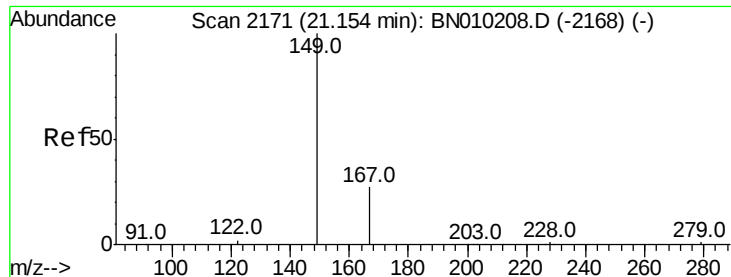
Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

122 8.3 8.1 12.1





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.166 ng

RT: 21.13 min Scan# 2169

Delta R.T. -0.02 min

Lab File: BN010272.D

Acq: 18 Mar 2020 20:20

Instrument :

BNA_N

ClientSampleId :

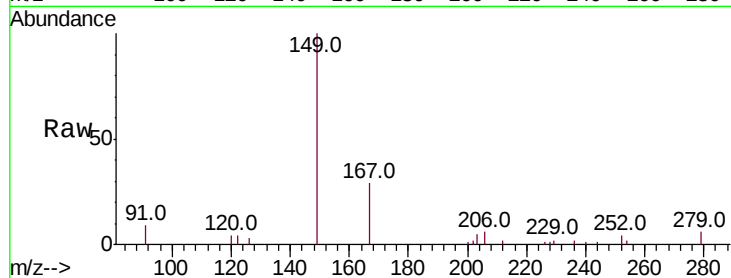
Tot Ion:149 Resp: 4916

Ion Ratio Lower Upper

149 100

167 25.2 21.0 31.4

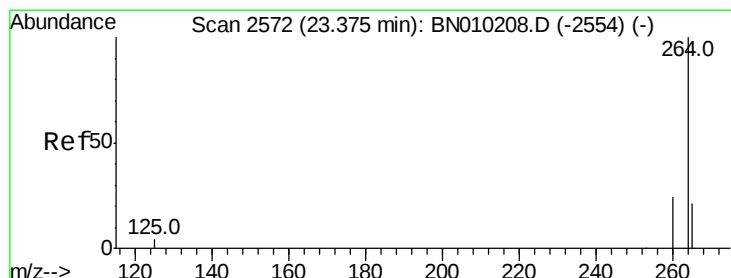
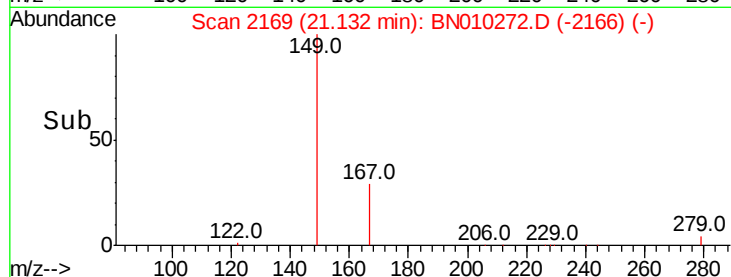
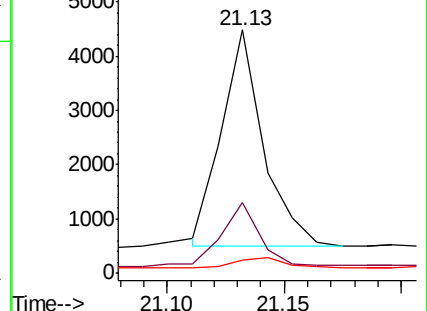
279 4.8 3.1 4.7#



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: 23.35 min Scan# 2566

Delta R.T. -0.02 min

Lab File: BN010272.D

Acq: 18 Mar 2020 20:20

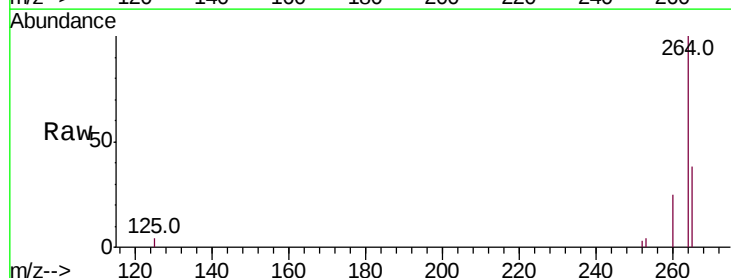
Tgt Ion:264 Resp: 22609

Ion Ratio Lower Upper

264 100

260 24.6 19.7 29.5

265 38.3 25.8 38.6



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

