

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031820\
 Data File : BN010271.D
 Acq On : 18 Mar 2020 19:44
 Operator : CG/JU
 Sample : L1903-21DL 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20200310DL

Quant Time: Mar 19 01:13:52 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

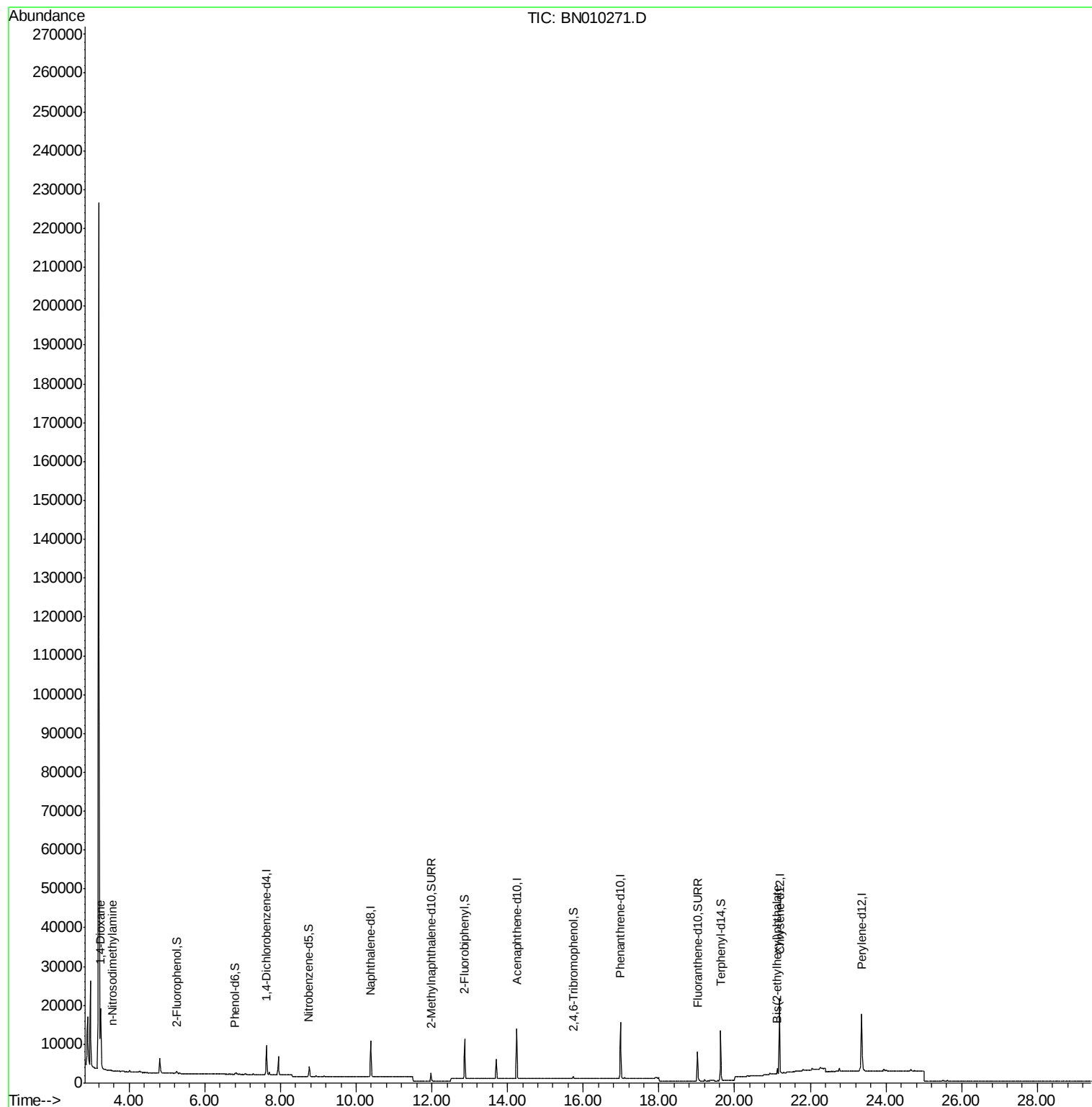
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3588	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	12477	0.40	ng	-0.01
13) Acenaphthene-d10	14.25	164	7601	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	18480	0.40	ng	-0.01
27) Chrysene-d12	21.19	240	18410	0.40	ng	-0.01
34) Perylene-d12	23.35	264	20199	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	546	0.06	ng	0.00
5) Phenol-d6	6.81	99	423	0.04	ng	0.00
8) Nitrobenzene-d5	8.76	82	2149	0.29	ng	-0.01
11) 2-Methylnaphthalene-d10	11.97	152	2954	0.14	ng	-0.02
14) 2,4,6-Tribromophenol	15.73	330	441	0.16	ng	-0.02
15) 2-Fluorobiphenyl	12.86	172	8819	0.33	ng	-0.01
25) Fluoranthene-d10	19.02	212	8918	0.16	ng	-0.01
29) Terphenyl-d14	19.63	244	12781	0.30	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.26	88	9064	2.589	ng	# 52
3) n-Nitrosodimethylamine	3.55	42	73	0.024	ng	# 30
32) Bis(2-ethylhexyl)phthalate	21.13	149	1181	0.044	ng	# 95

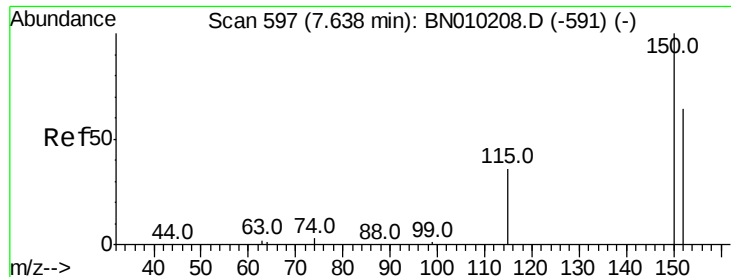
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.63 min Scan# 596

Delta R.T. -0.01 min

Lab File: BN010271.D

Acq: 18 Mar 2020 19:44

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ClientSampleId :

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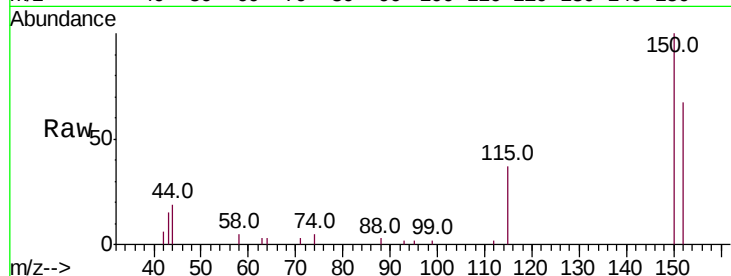
Tot Ion:152 Resp: 3588

Ion Ratio Lower Upper

152 100

150 149.5 119.5 179.3

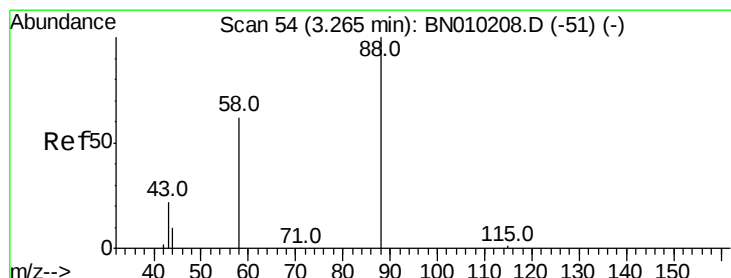
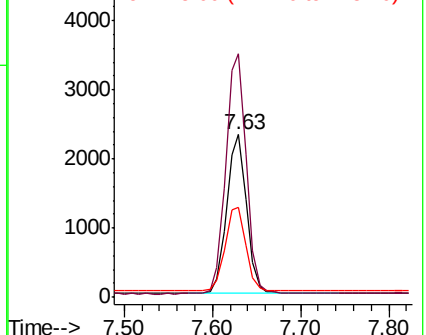
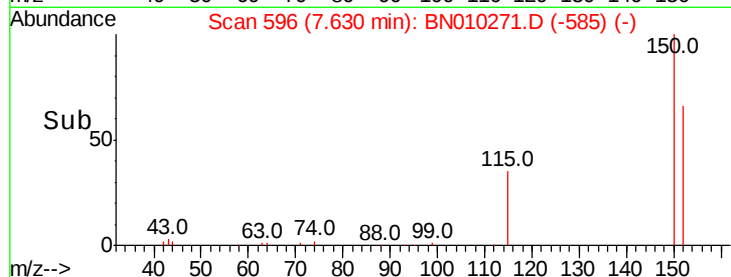
115 55.5 50.9 76.3



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: 2.589 ng

RT: 3.26 min Scan# 53

Delta R.T. -0.01 min

Lab File: BN010271.D

Acq: 18 Mar 2020 19:44

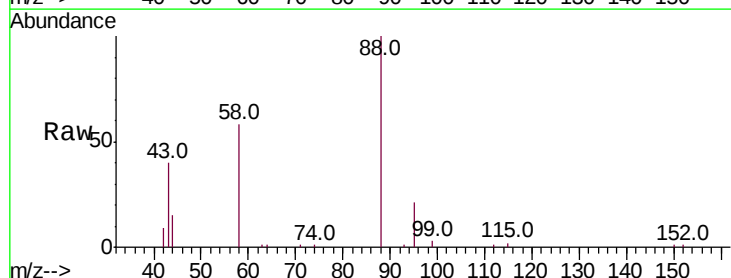
Tgt Ion: 88 Resp: 9064

Ion Ratio Lower Upper

88 100

58 64.6 97.8 146.8#

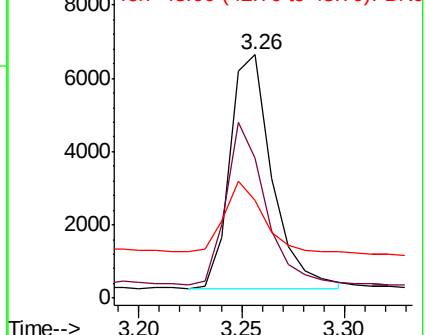
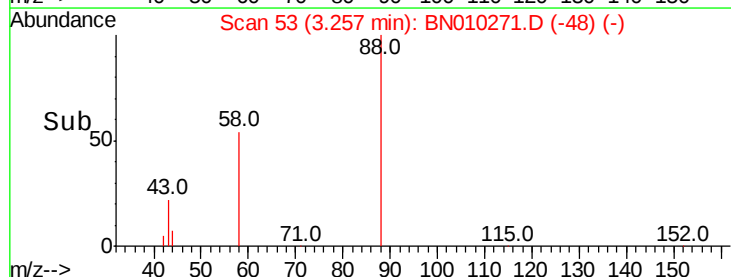
43 27.0 45.1 67.7#

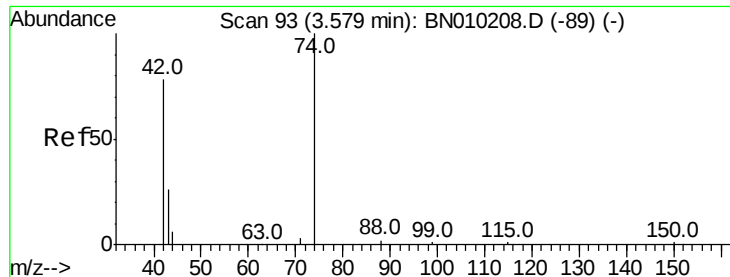


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.024 ng

RT: 3.55 min Scan# 90

Delta R.T. -0.02 min

Lab File: BN010271.D

Acq: 18 Mar 2020 19:44

Instrument :

BNA_N

ClientSampleId :

RE103D1-20200310DL

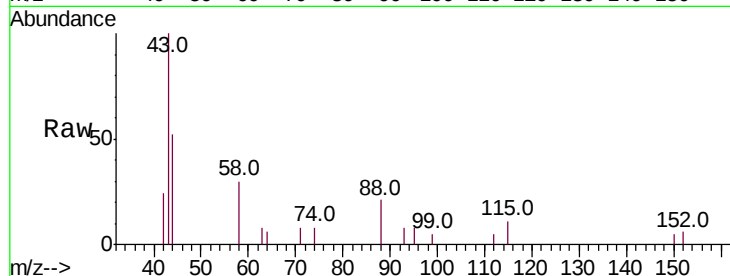
Tot Ion: 42 Resp: 73

Ion Ratio Lower Upper

42 100

74 20.5 51.2 76.8#

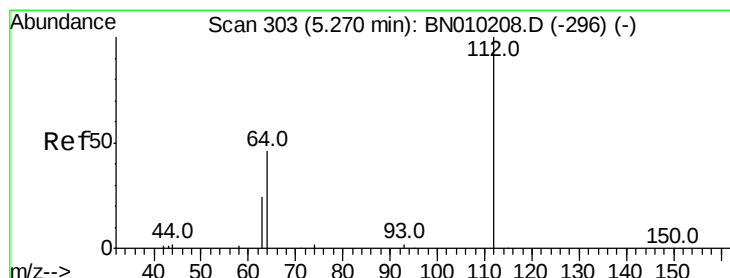
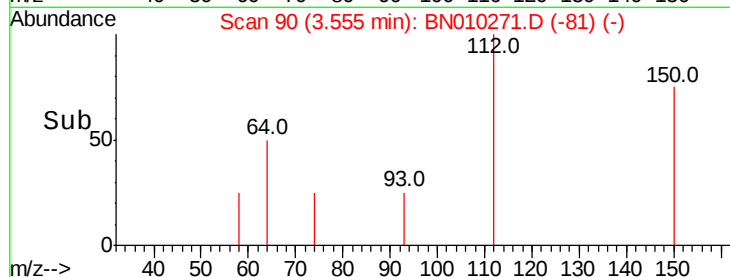
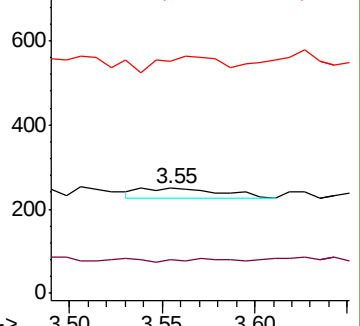
44 117.8 2.6 4.0#



Abundance Ion 42.00 (41.70 to 42.70): BN010208.D (-89) (-)

Ion 74.00 (73.70 to 74.70): BN010208.D (-89) (-)

Ion 44.00 (43.70 to 44.70): BN010208.D (-89) (-)



#4

2-Fluorophenol

Concen: 0.065 ng

RT: 5.26 min Scan# 302

Delta R.T. -0.01 min

Lab File: BN010271.D

Acq: 18 Mar 2020 19:44

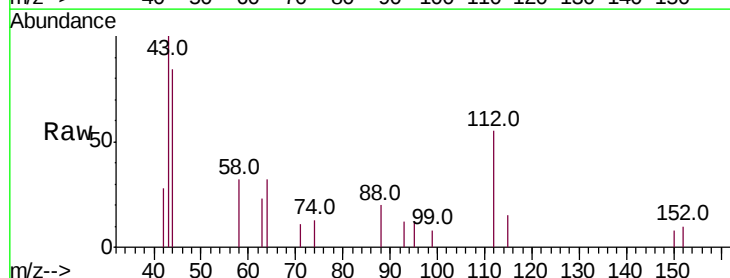
Tgt Ion: 112 Resp: 546

Ion Ratio Lower Upper

112 100

64 51.1 42.6 63.8

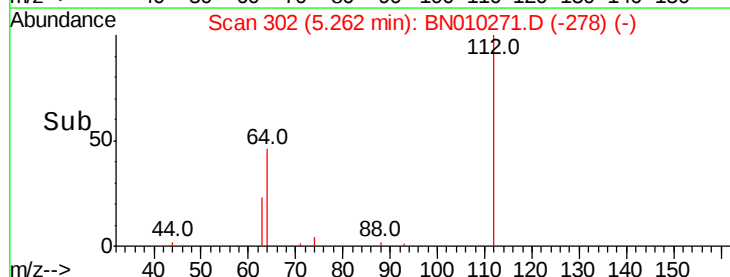
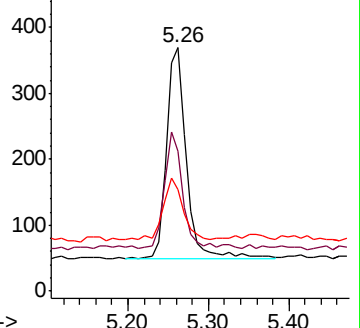
63 32.1 23.6 35.4

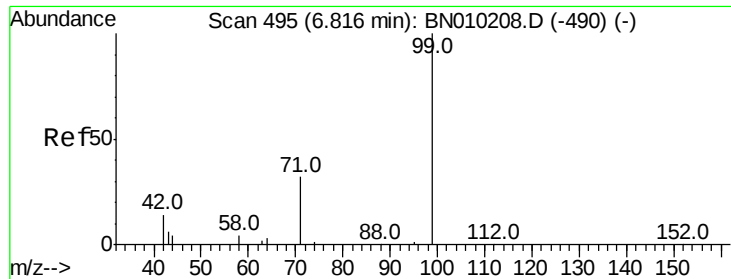


Abundance Ion 112.00 (111.70 to 112.70): BN010208.D (-296) (-)

Ion 64.00 (63.70 to 64.70): BN010208.D (-296) (-)

Ion 63.00 (62.70 to 63.70): BN010208.D (-296) (-)





#5

Phenol-d6

Concen: 0.040 ng

RT: 6.81 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN010271.D

Acq: 18 Mar 2020 19:44

Instrument :

BNA_N

ClientSampleId :

RE103D1-20200310DL

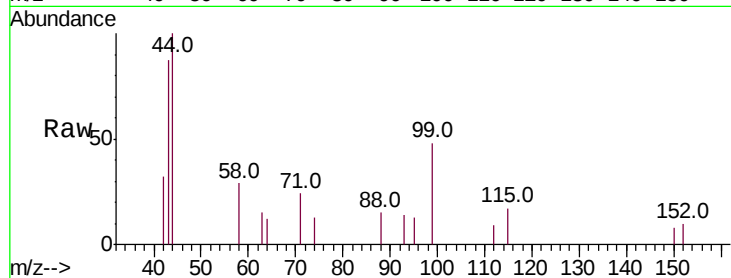
Tot Ion: 99 Resp: 423

Ion Ratio Lower Upper

99 100

42 35.5 12.0 18.0#

71 42.3 22.6 33.8#



Abundance Ion 99.00 (98.70 to 99.70): BN010208.D (-490) (-)

Ion 42.00 (41.70 to 42.70): BN010208.D (-490) (-)

Ion 71.00 (70.70 to 71.70): BN010208.D (-490) (-)

6.81

300

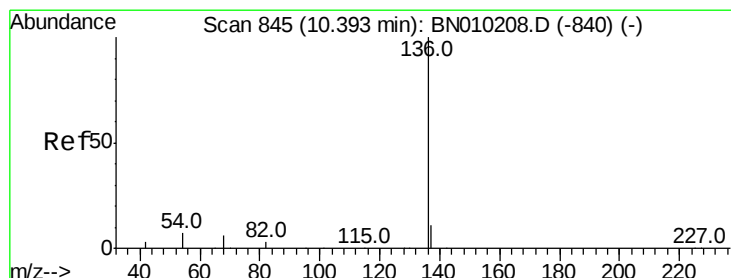
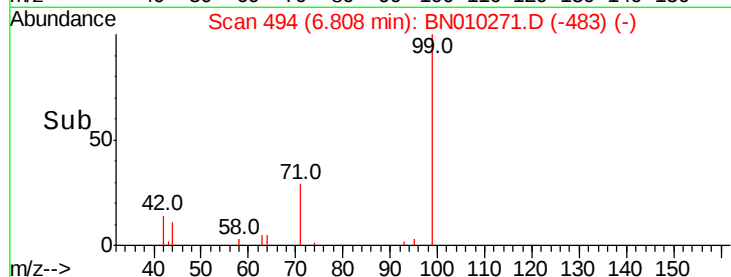
200

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: BN010271.D

Acq: 18 Mar 2020 19:44

Tgt Ion: 136 Resp: 12477

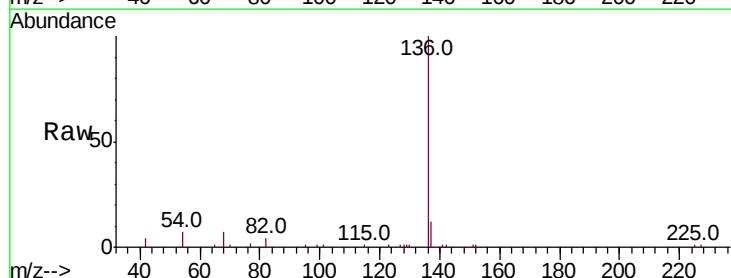
Ion Ratio Lower Upper

136 100

137 11.6 10.6 15.8

54 7.4 9.5 14.3#

68 6.6 9.7 14.5#



Abundance Ion 136.00 (135.70 to 136.70): BN010208.D (-840) (-)

Ion 137.00 (136.70 to 137.70): BN010208.D (-840) (-)

Ion 54.00 (53.70 to 54.70): BN010208.D (-840) (-)

Ion 68.00 (67.70 to 68.70): BN010208.D (-840) (-)

10.38

10000

8000

6000

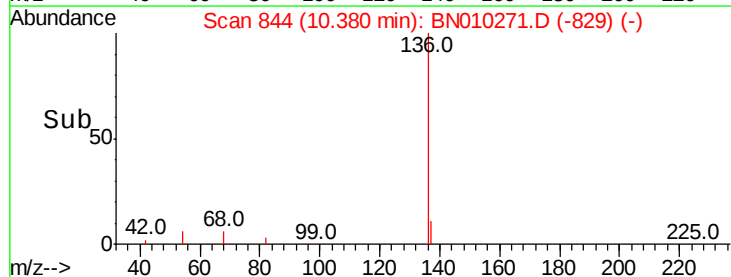
4000

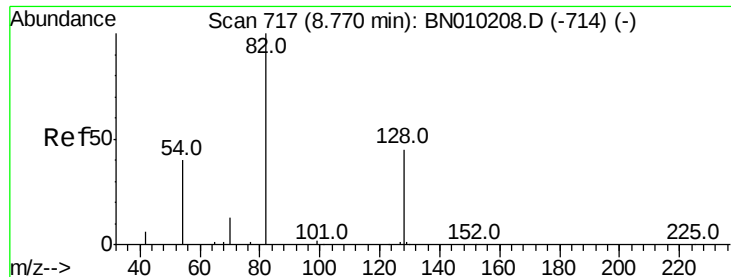
2000

0

10.30 10.40 10.50

Time-->

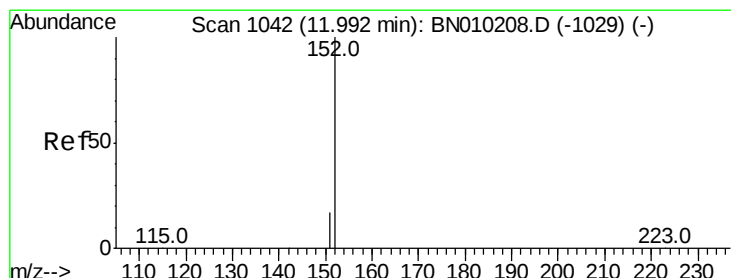
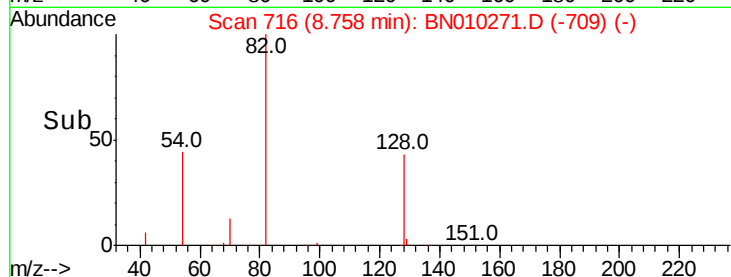
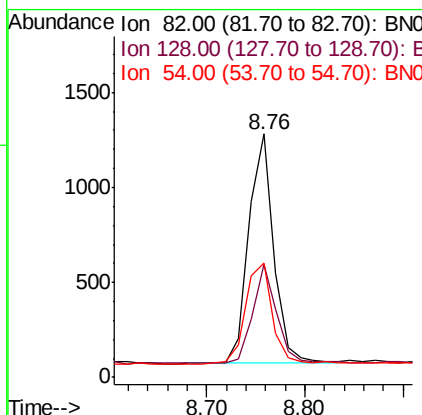
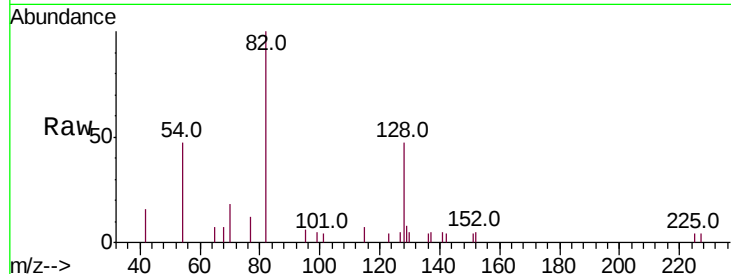




#8
 Nitrobenzene-d5
 Concen: 0.287 ng
 RT: 8.76 min Scan# 716
 Delta R.T. -0.01 min
 Lab File: BN010271.D
 Acq: 18 Mar 2020 19:44

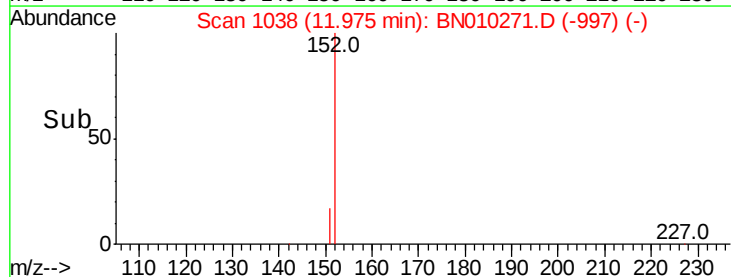
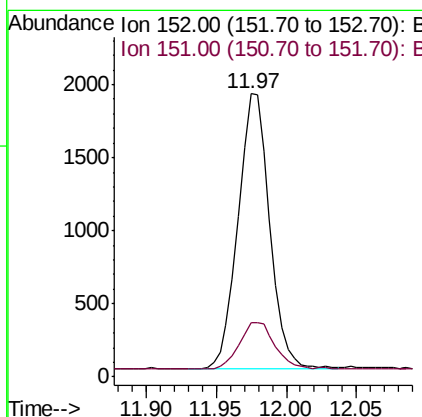
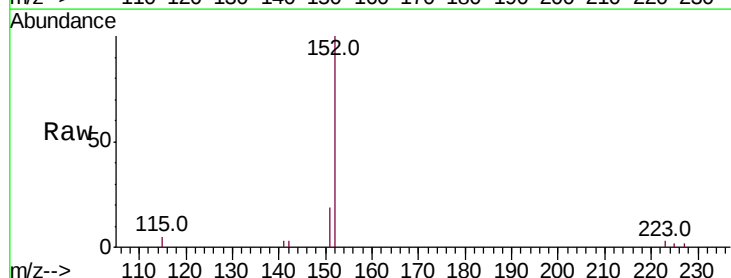
Instrument :
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 RE103D1-20200310DL

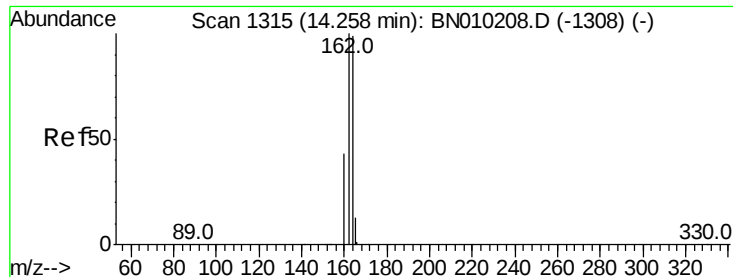
Tot Ion: 82 Resp: 2149
 Ion Ratio Lower Upper
 82 100
 128 46.6 35.0 52.6
 54 47.0 37.0 55.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.143 ng
 RT: 11.97 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BN010271.D
 Acq: 18 Mar 2020 19:44

Tgt Ion: 152 Resp: 2954
 Ion Ratio Lower Upper
 152 100
 151 18.9 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: BN010271.D

Acq: 18 Mar 2020 19:44

Instrument :

BNA_N

ClientSampleId :

RE103D1-20200310DL

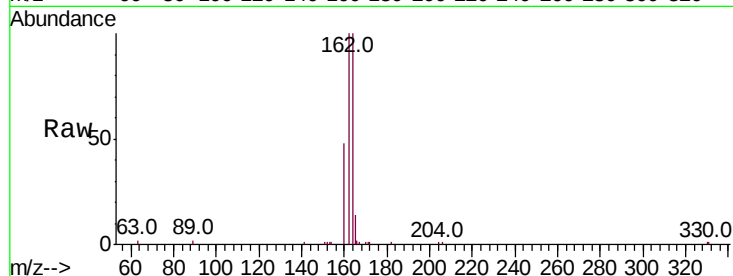
Tot Ion:164 Resp: 7601

Ion Ratio Lower Upper

164 100

162 99.9 81.0 121.4

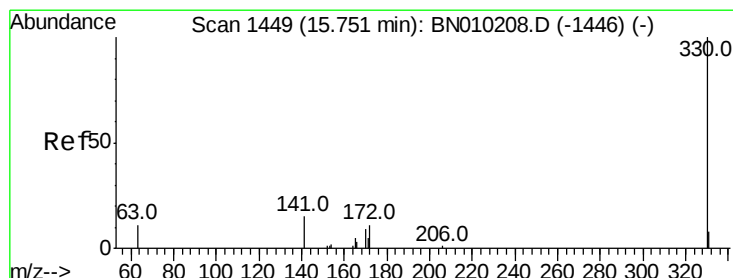
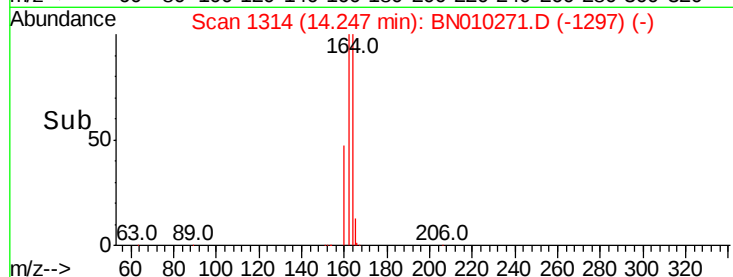
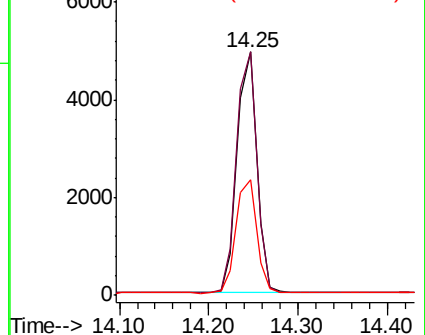
160 47.6 35.6 53.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.162 ng

RT: 15.73 min Scan# 1447

Delta R.T. -0.02 min

Lab File: BN010271.D

Acq: 18 Mar 2020 19:44

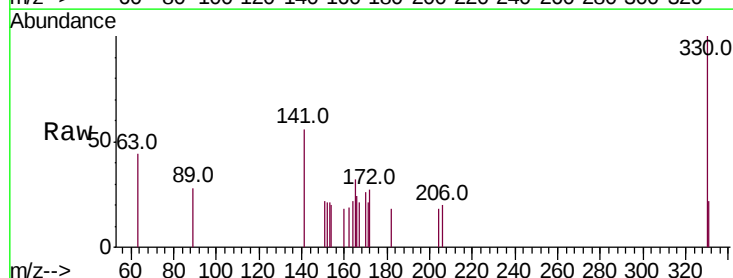
Tgt Ion:330 Resp: 441

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

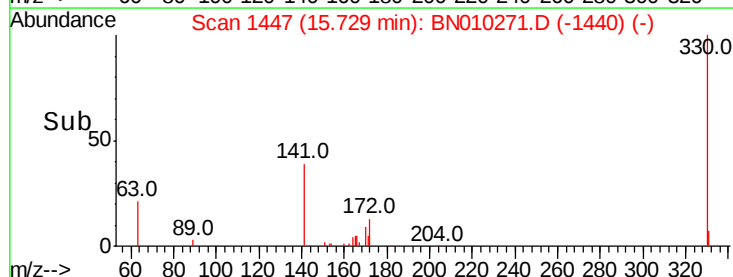
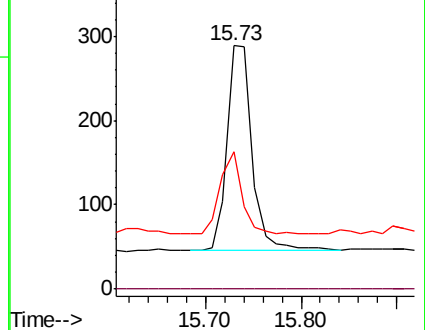
141 35.4 25.1 37.7

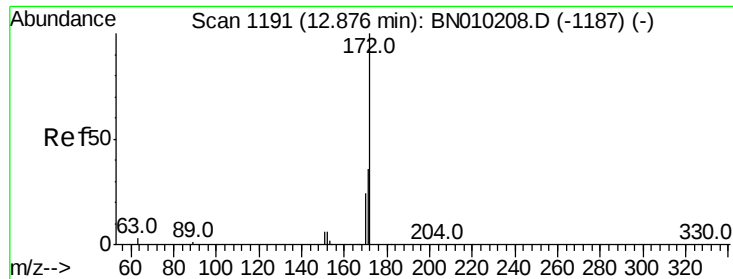


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

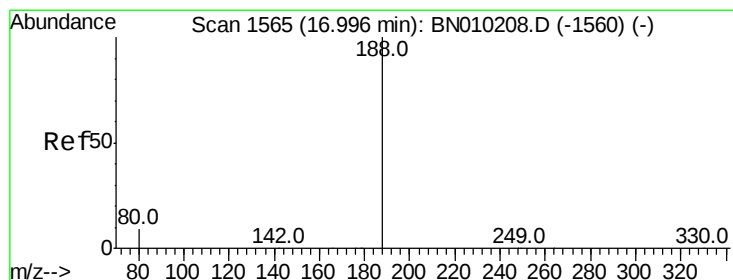
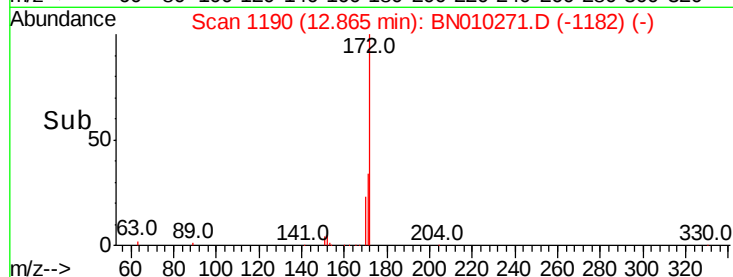
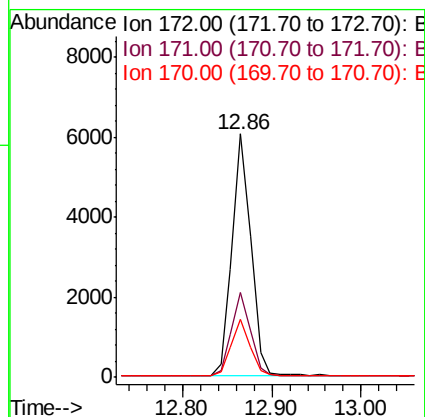
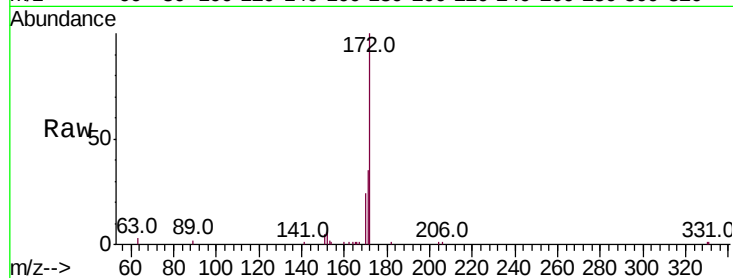




#15
2-Fluorobiphenyl
Concen: 0.326 ng
RT: 12.86 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BN010271.D
Acq: 18 Mar 2020 19:44

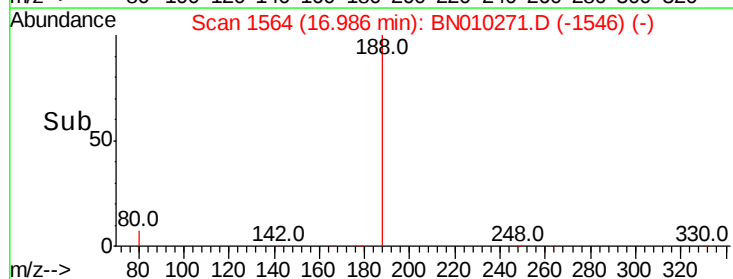
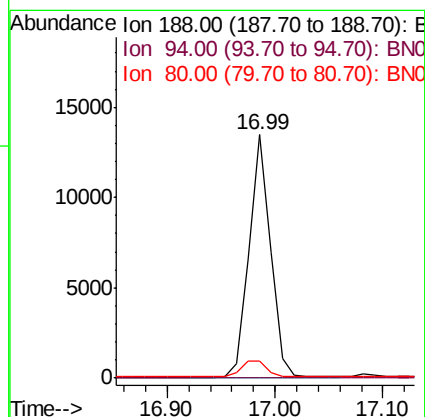
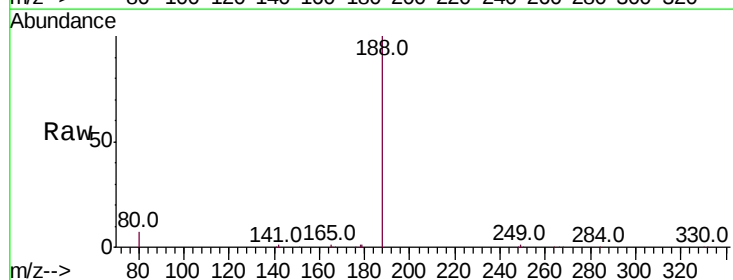
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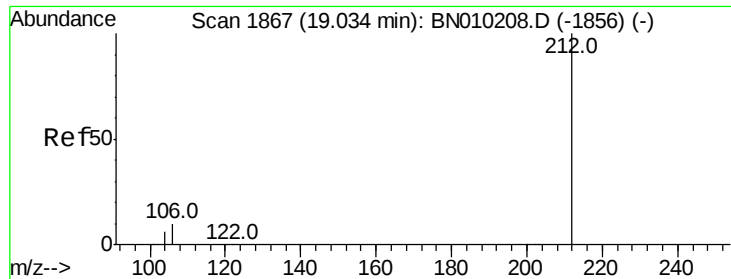
Tot Ion:172 Resp: 8819
Ion Ratio Lower Upper
172 100
171 34.7 29.4 44.2
170 23.7 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.99 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BN010271.D
Acq: 18 Mar 2020 19:44

Tgt Ion:188 Resp: 18480
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.2 8.6 12.8#





#25

Fluoranthene-d10

Concen: 0.156 ng

RT: 19.02 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BN010271.D

Acq: 18 Mar 2020 19:44

Instrument :

BNA_N

ClientSampleId :

RE103D1-20200310DL

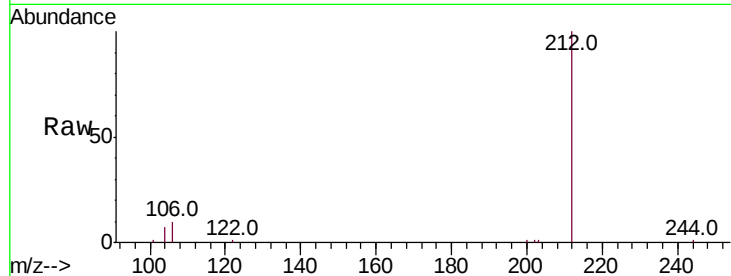
Tot Ion:212 Resp: 8918

Ion Ratio Lower Upper

212 100

106 9.2 8.1 12.1

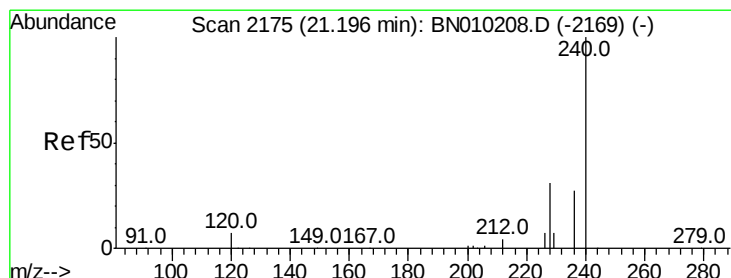
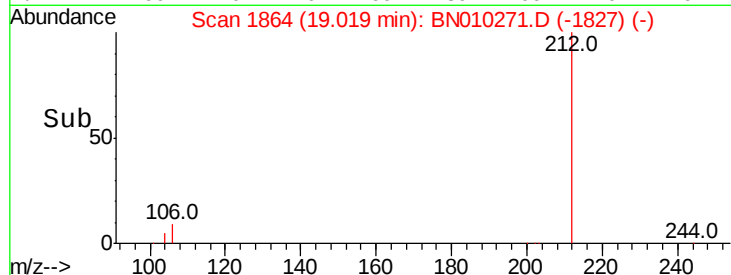
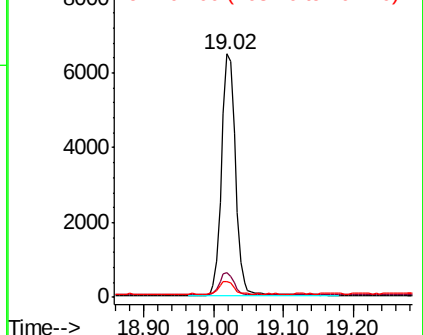
104 5.7 4.7 7.1



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: 21.19 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN010271.D

Acq: 18 Mar 2020 19:44

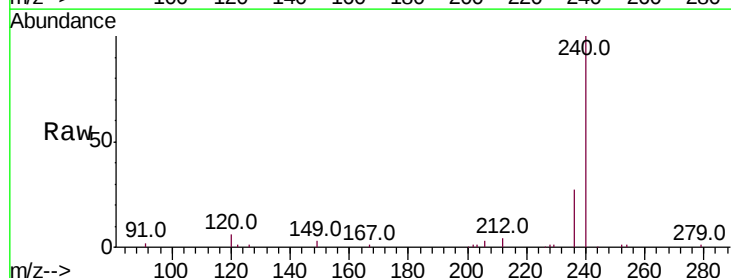
Tgt Ion:240 Resp: 18410

Ion Ratio Lower Upper

240 100

120 6.5 7.7 11.5#

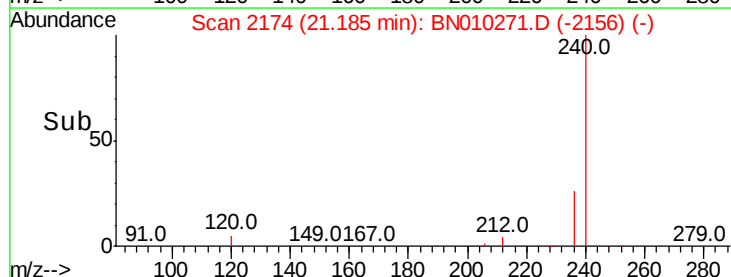
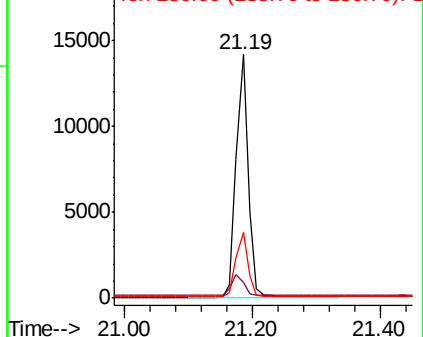
236 26.8 21.8 32.6

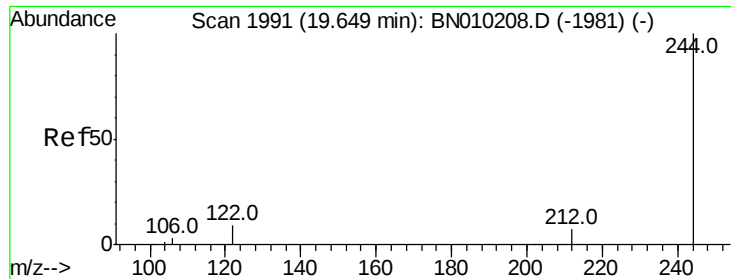


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.304 ng

RT: 19.63 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BN010271.D

Acq: 18 Mar 2020 19:44

Instrument :

BNA_N

ClientSampleId :

RE103D1-20200310DL

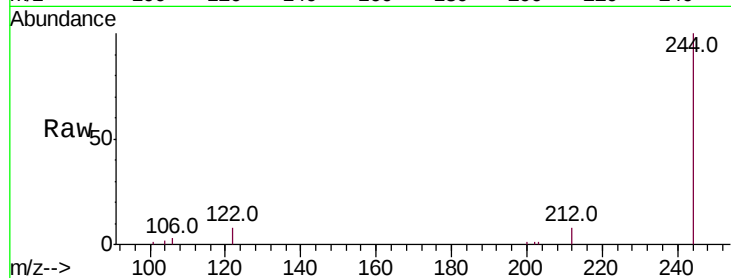
Tot Ion:244 Resp: 12781

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

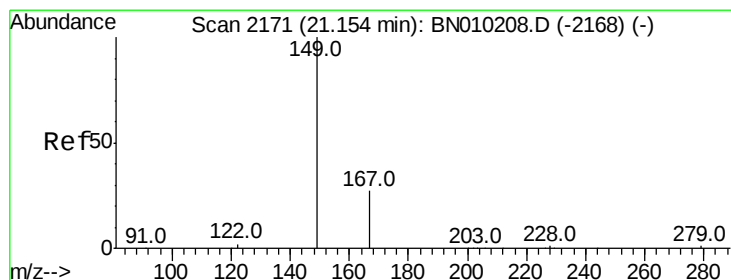
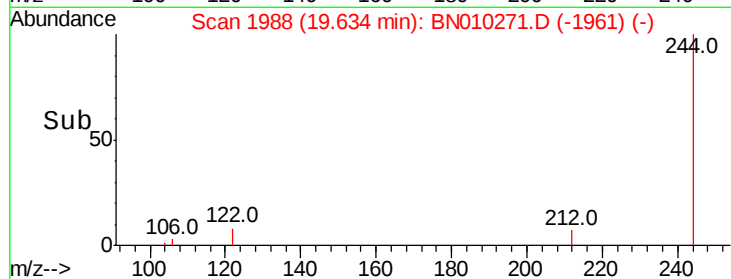
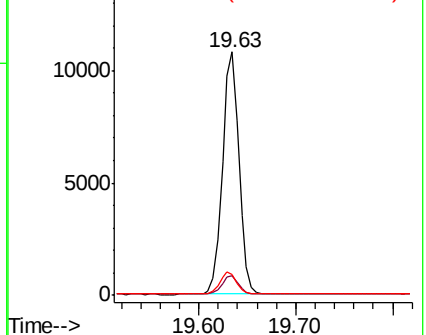
122 8.4 8.1 12.1



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: 0.044 ng

RT: 21.13 min Scan# 2169

Delta R.T. -0.02 min

Lab File: BN010271.D

Acq: 18 Mar 2020 19:44

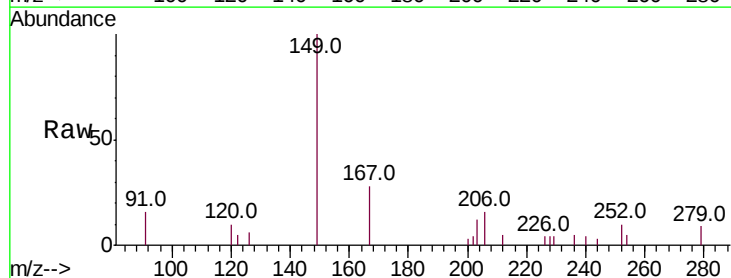
Tgt Ion:149 Resp: 1181

Ion Ratio Lower Upper

149 100

167 28.5 21.0 31.4

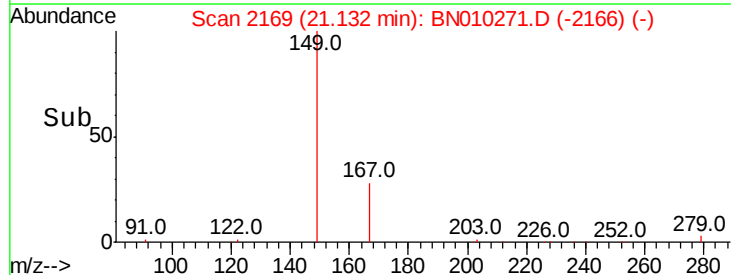
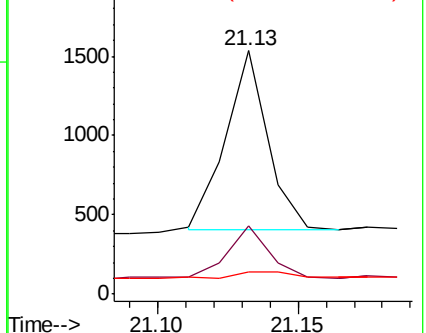
279 5.8 3.1 4.7#

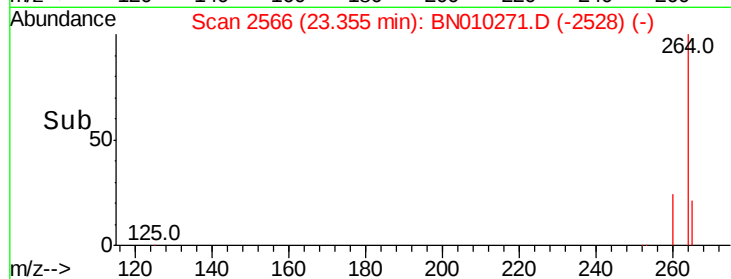
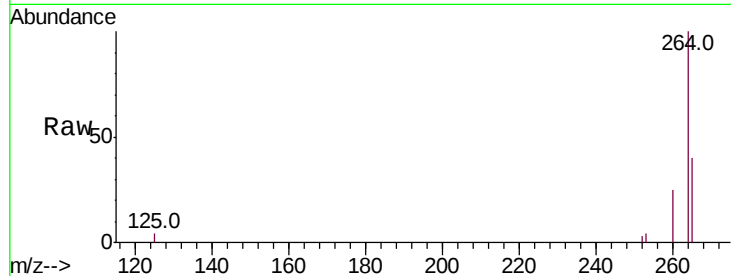
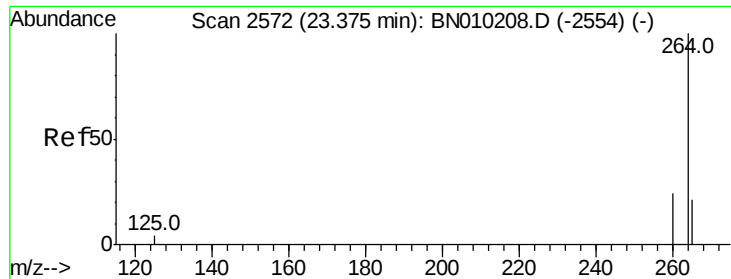


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.35 min Scan# 2566

Delta R.T. -0.02 min

Lab File: BN010271.D

Acq: 18 Mar 2020 19:44

Instrument :

BNA_N

ClientSampleId :

RE103D1-20200310DL

Tot Ion: 264 Resp: 20199

Ion Ratio Lower Upper

264 100

260 24.7 19.7 29.5

265 39.9 25.8 38.6

