

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032420\
 Data File : BN010326.D
 Acq On : 24 Mar 2020 15:03
 Operator : CG/JU
 Sample : L1997-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW203D-20200315

Quant Time: Mar 24 15:37:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 15:26:45 2020
 Response via : Initial Calibration

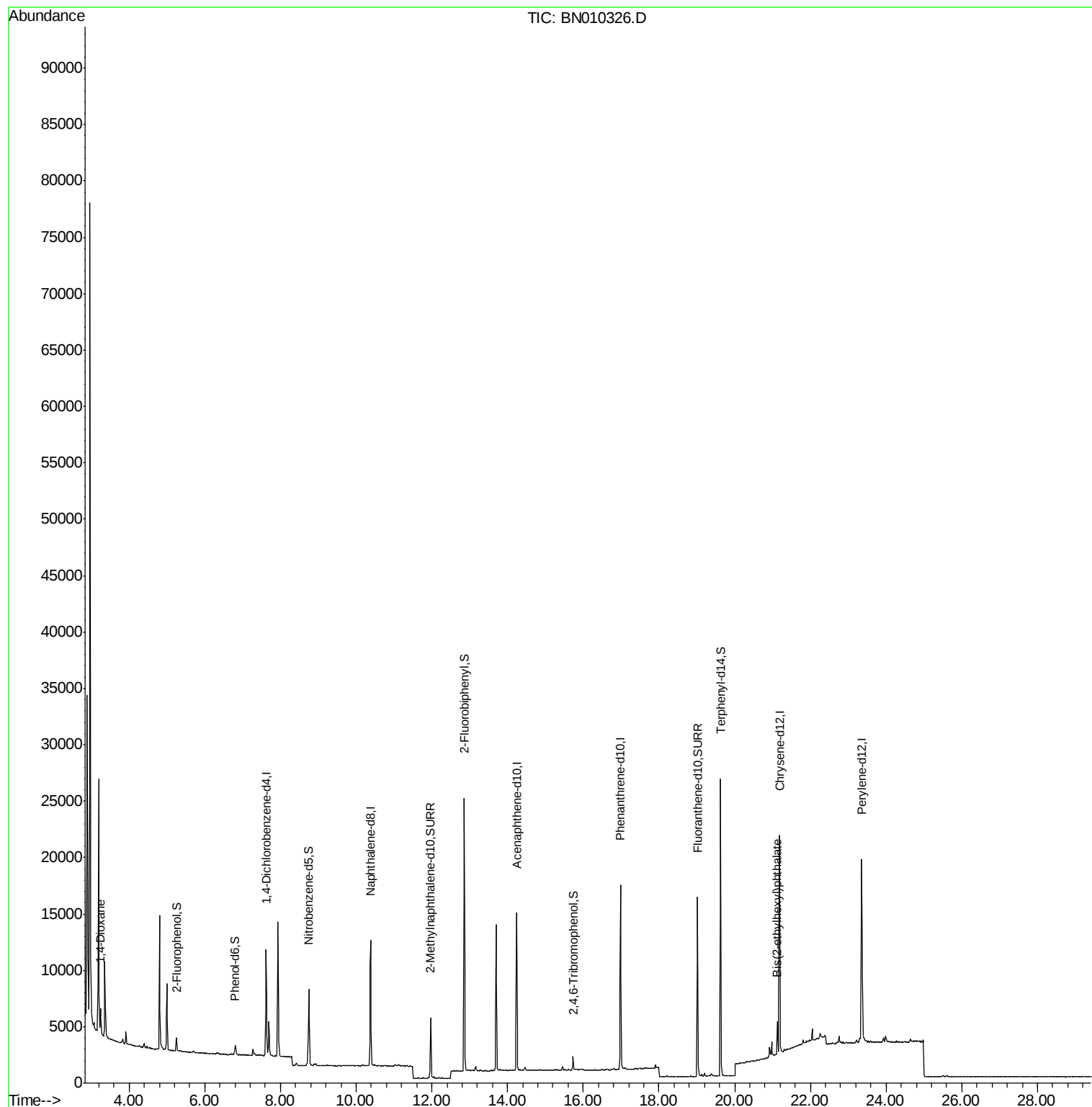
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	4576	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	15573	0.40	ng	0.00
13) Acenaphthene-d10	14.24	164	8817	0.40	ng	0.00
19) Phenanthrene-d10	16.98	188	20862	0.40	ng	0.00
27) Chrysene-d12	21.19	240	21217	0.40	ng	0.00
34) Perylene-d12	23.36	264	21489	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	1037	0.11	ng	0.00
5) Phenol-d6	6.80	99	764	0.07	ng	0.00
8) Nitrobenzene-d5	8.75	82	5467	0.55	ng	0.00
11) 2-Methylnaphthalene-d10	11.97	152	6975	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.74	330	998	0.29	ng	0.00
15) 2-Fluorobiphenyl	12.86	172	20702	0.61	ng	0.00
25) Fluoranthene-d10	19.02	212	18574	0.30	ng	0.00
29) Terphenyl-d14	19.63	244	26538	0.58	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.25	88	1372	0.319	ng	Qvalue # 90
32) Bis(2-ethylhexyl)phthalate	21.12	149	2604	0.114	ng	99

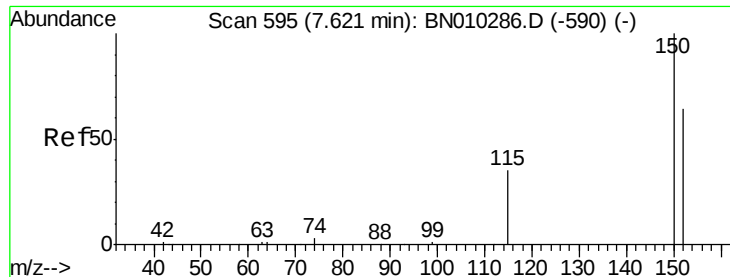
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.62 min Scan# 595

Delta R.T. 0.00 min

Lab File: BN010326.D

Acq: 24 Mar 2020 15:03

Instrument :

BNA_N

ClientSampleId :

MW203D-20200315

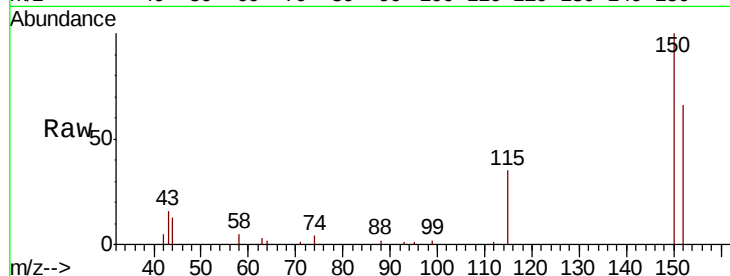
Tot Ion:152 Resp: 4576

Ion Ratio Lower Upper

152 100

150 151.9 123.1 184.7

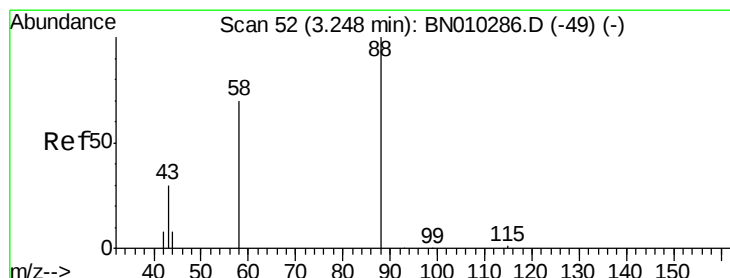
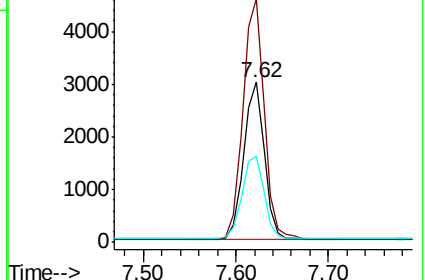
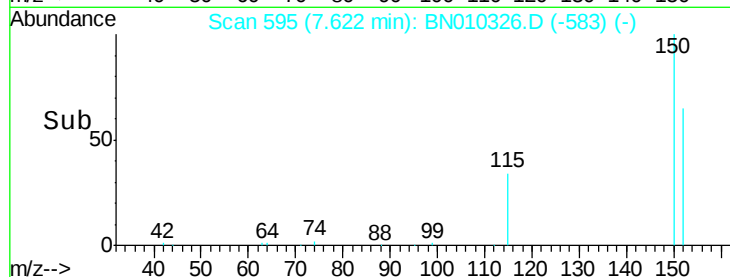
115 53.8 45.2 67.8



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: 0.319 ng

RT: 3.25 min Scan# 52

Delta R.T. 0.00 min

Lab File: BN010326.D

Acq: 24 Mar 2020 15:03

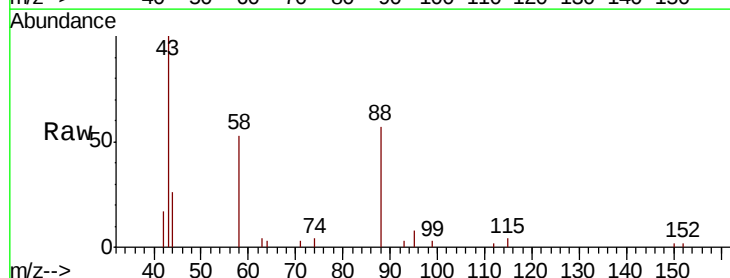
Tgt Ion: 88 Resp: 1372

Ion Ratio Lower Upper

88 100

58 60.1 51.7 77.5

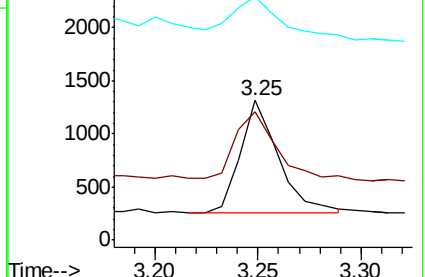
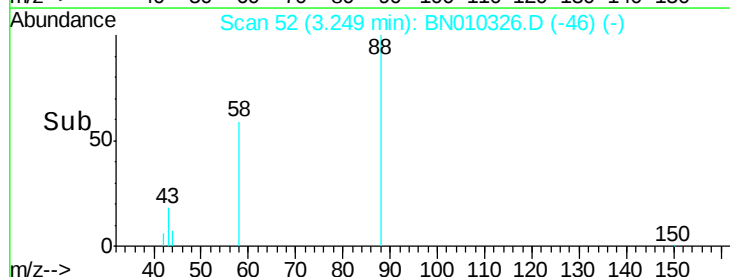
43 37.8 21.2 31.8#

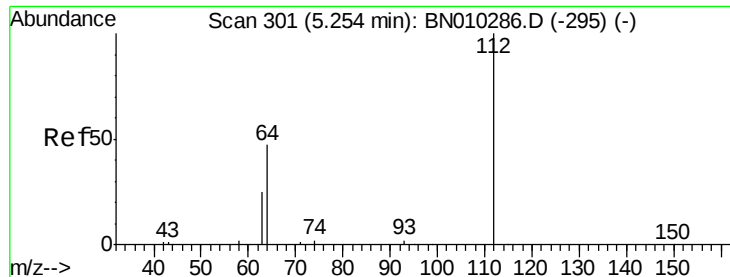


Abundance Ion 88.00 (87.70 to 88.70): BN0

Ion 58.00 (57.70 to 58.70): BN0

Ion 43.00 (42.70 to 43.70): BN0





#4

2-Fluorophenol

Concen: 0.114 ng

RT: 5.25 min Scan# 301

Delta R.T. 0.00 min

Lab File: BN010326.D

Acq: 24 Mar 2020 15:03

Instrument :

BNA_N

ClientSampleId :

MW203D-20200315

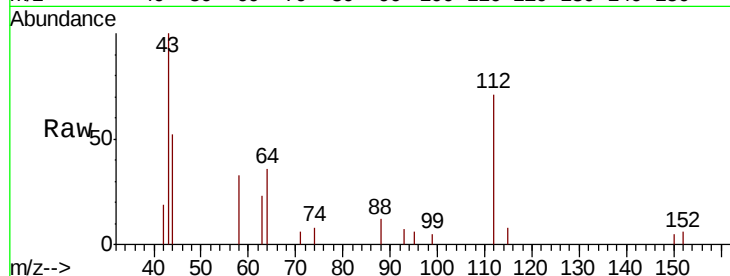
Tot Ion:112 Resp: 1037

Ion Ratio Lower Upper

112 100

64 54.5 41.4 62.2

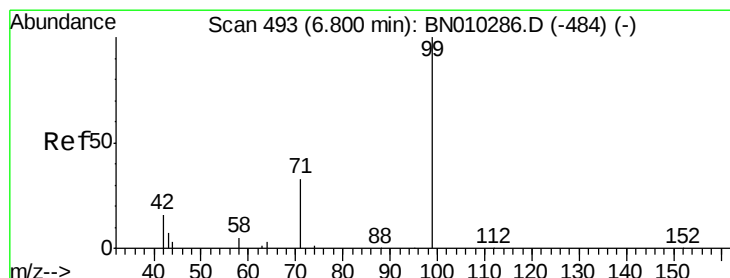
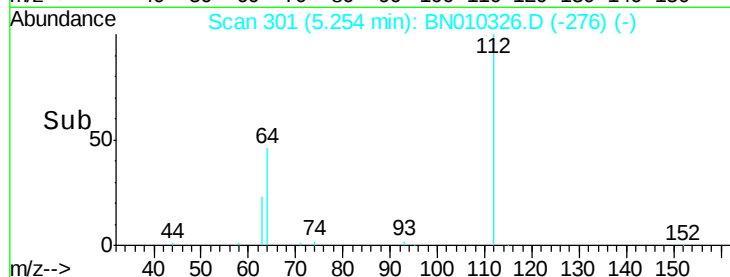
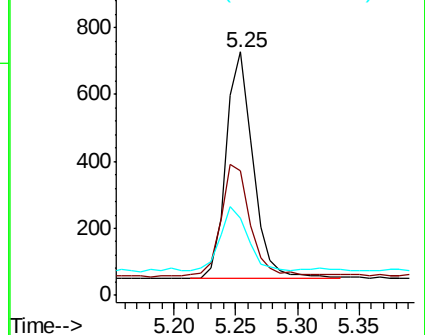
63 29.4 22.9 34.3



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

Phenol-d6

Concen: 0.068 ng

RT: 6.80 min Scan# 493

Delta R.T. 0.00 min

Lab File: BN010326.D

Acq: 24 Mar 2020 15:03

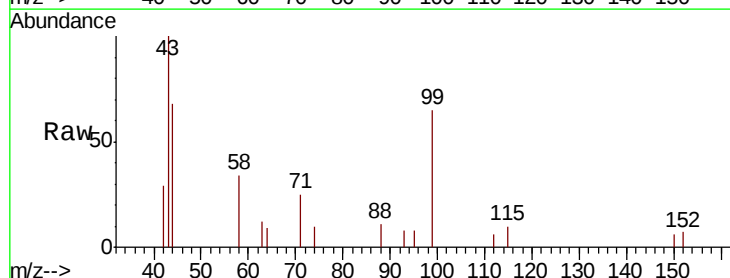
Tgt Ion: 99 Resp: 764

Ion Ratio Lower Upper

99 100

42 23.3 14.8 22.2#

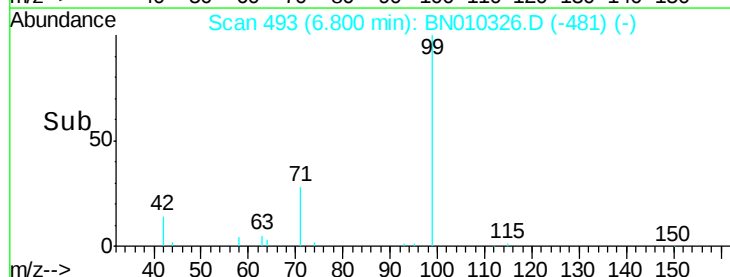
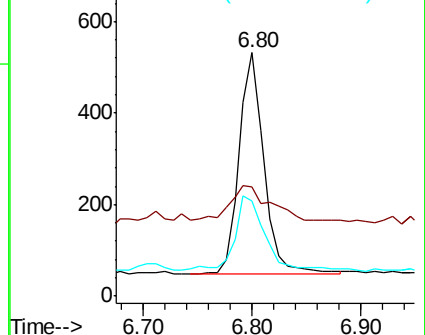
71 42.7 27.3 40.9#

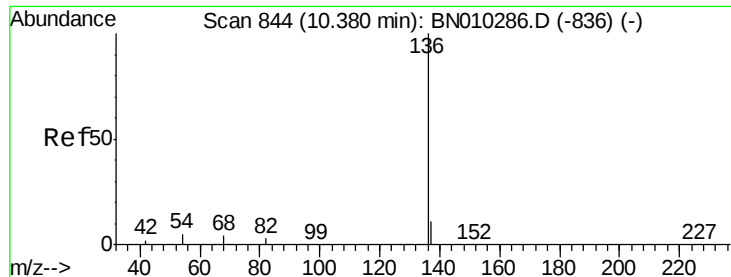


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. 0.00 min

Lab File: BN010326.D

Acq: 24 Mar 2020 15:03

Instrument :

BNA_N

ClientSampleId :

MW203D-20200315

Tot Ion:136 Resp: 15573

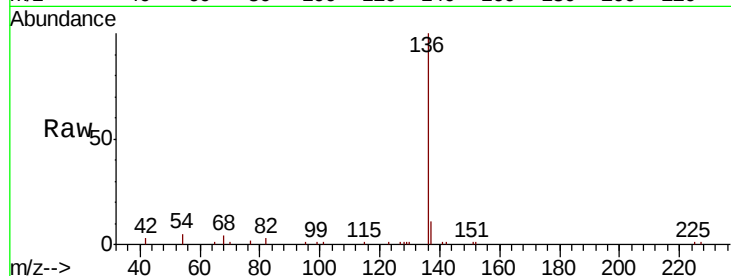
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 4.5 4.8 7.2#

68 4.0 4.1 6.1#

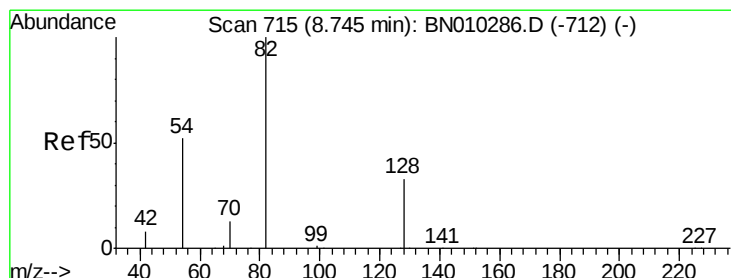
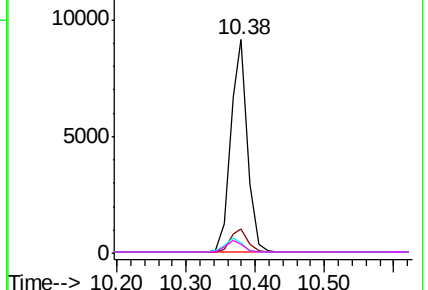
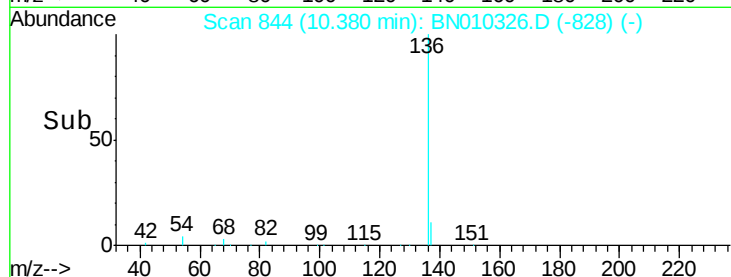


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.548 ng

RT: 8.75 min Scan# 715

Delta R.T. 0.00 min

Lab File: BN010326.D

Acq: 24 Mar 2020 15:03

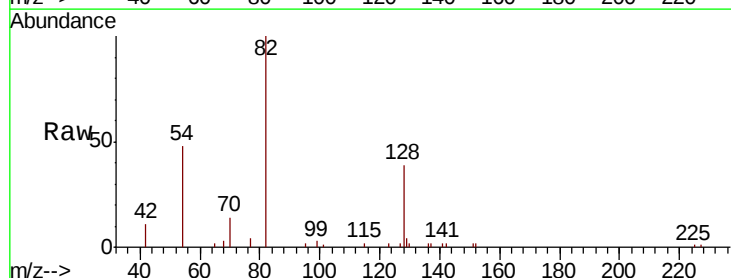
Tgt Ion: 82 Resp: 5467

Ion Ratio Lower Upper

82 100

128 38.7 28.8 43.2

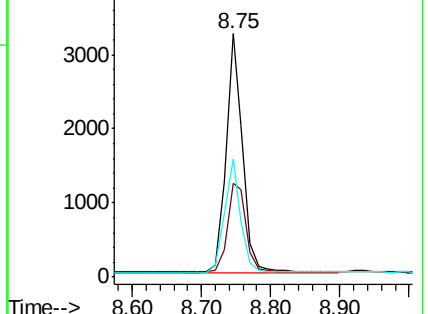
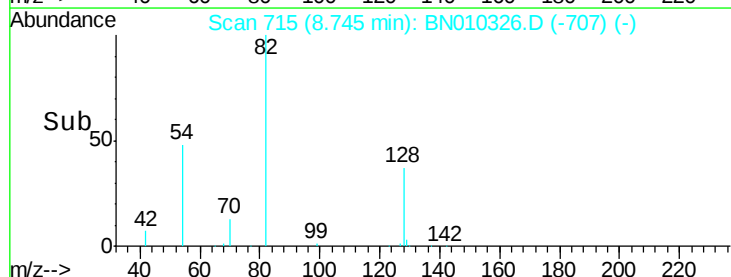
54 48.5 42.1 63.1

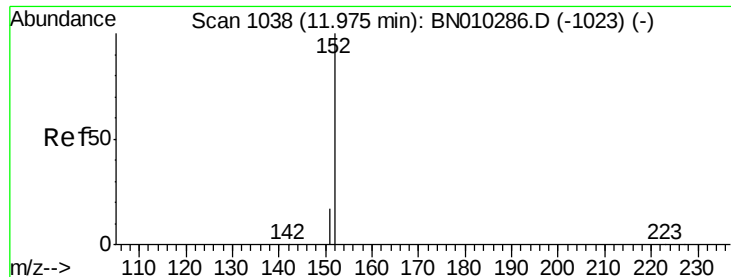


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

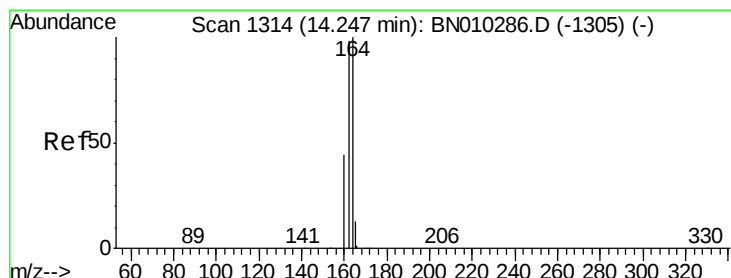
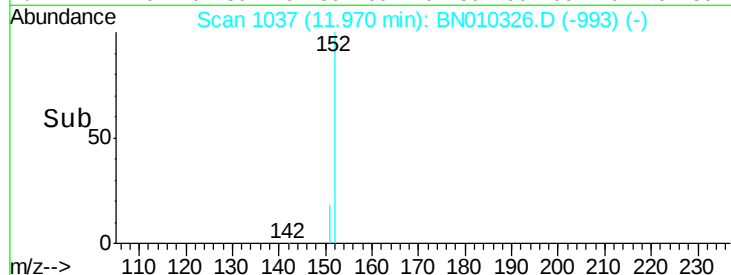
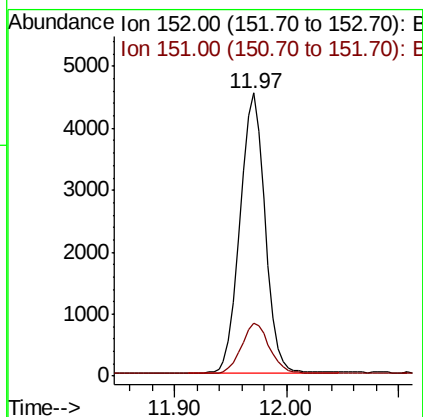
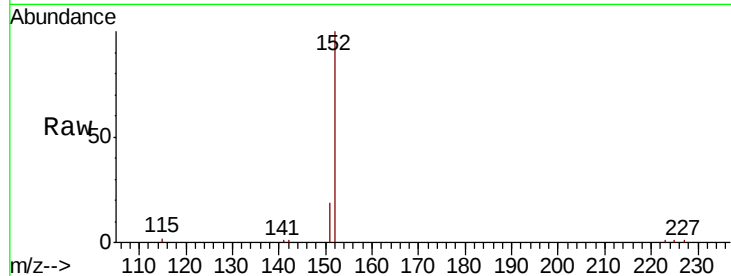




#11
2-Methylnaphthalene-d10
Concen: 0.281 ng
RT: 11.97 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BN010326.D
Acq: 24 Mar 2020 15:03

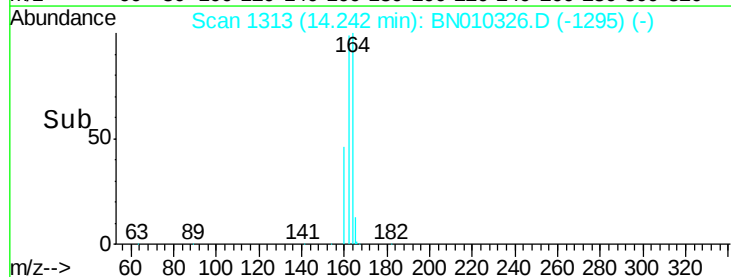
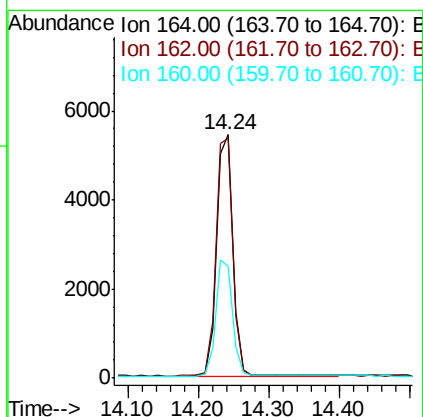
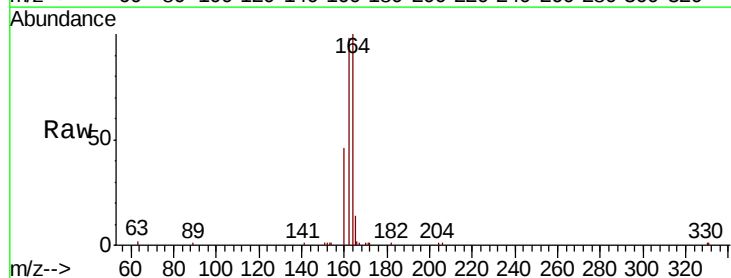
Instrument :
BNA_N
ClientSampleId :
MW203D-20200315

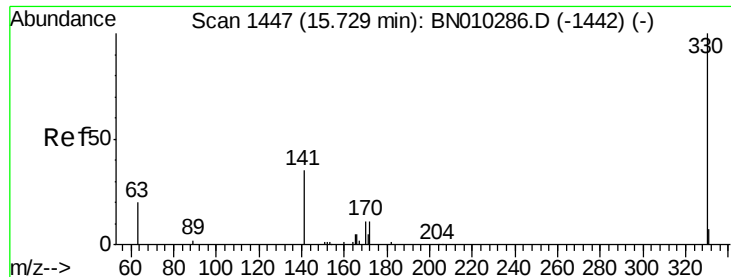
Tot Ion:152 Resp: 6975
Ion Ratio Lower Upper
152 100
151 19.7 15.4 23.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BN010326.D
Acq: 24 Mar 2020 15:03

Tgt Ion:164 Resp: 8817
Ion Ratio Lower Upper
164 100
162 98.5 78.2 117.2
160 45.9 35.8 53.6

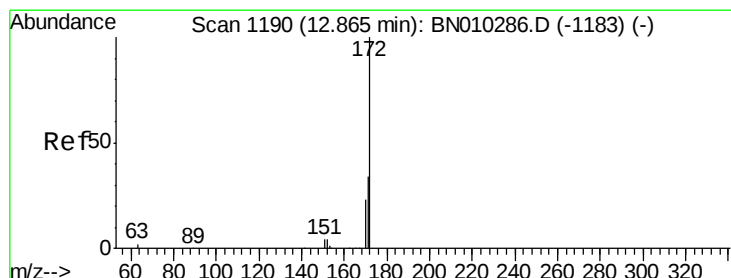
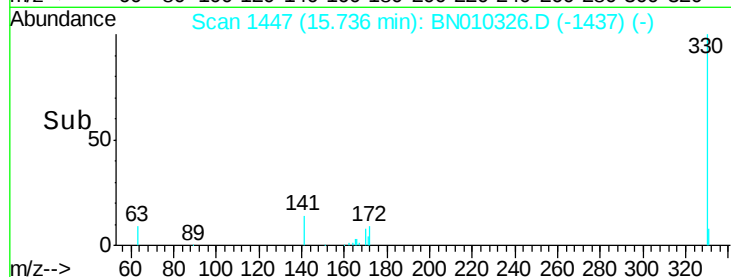
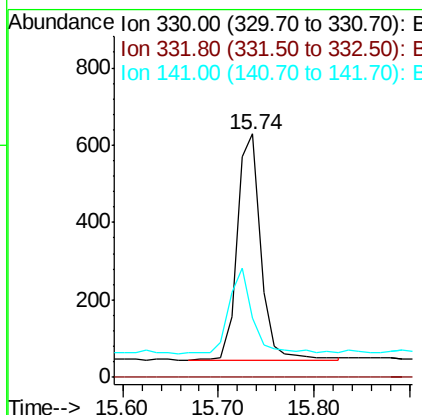
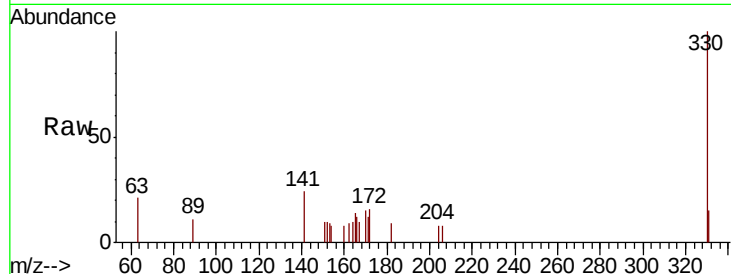




#14
 2,4,6-Tribromophenol
 Concen: 0.295 ng
 RT: 15.74 min Scan# 1447
 Delta R.T. 0.01 min
 Lab File: BN010326.D
 Acq: 24 Mar 2020 15:03

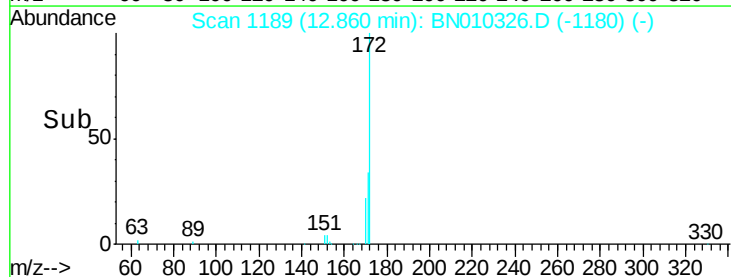
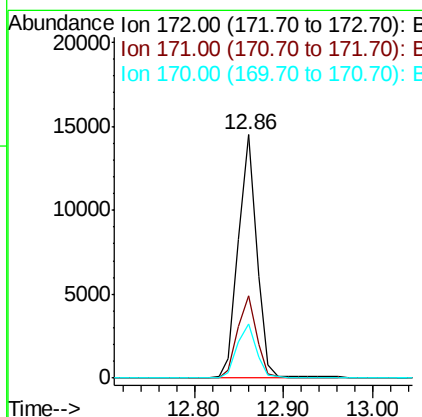
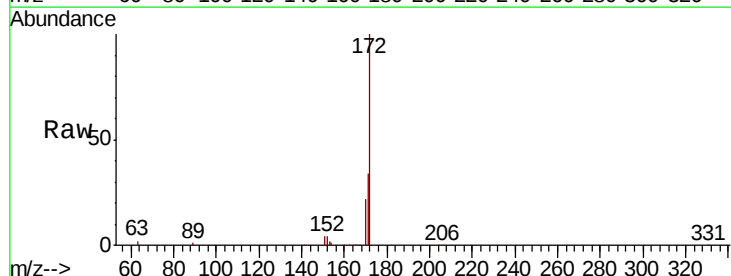
Instrument :
 BNA_N
 ClientSampleId :
 MW203D-20200315

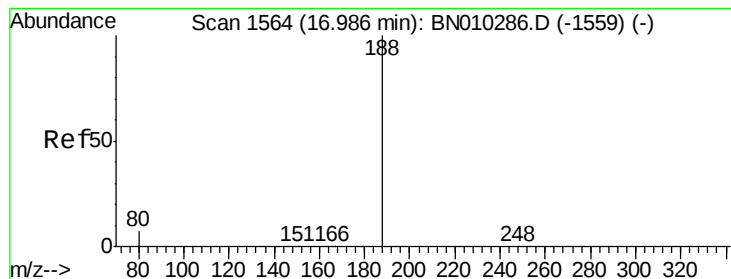
Tot Ion:330 Resp: 998
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 38.9 29.3 43.9



#15
 2-Fluorobiphenyl
 Concen: 0.614 ng
 RT: 12.86 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BN010326.D
 Acq: 24 Mar 2020 15:03

Tgt Ion:172 Resp: 20702
 Ion Ratio Lower Upper
 172 100
 171 33.7 27.6 41.4
 170 22.5 18.5 27.7





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.98 min Scan# 1563

Delta R.T. -0.00 min

Lab File: BN010326.D

Acq: 24 Mar 2020 15:03

Instrument :

BNA_N

ClientSampleId :

MW203D-20200315

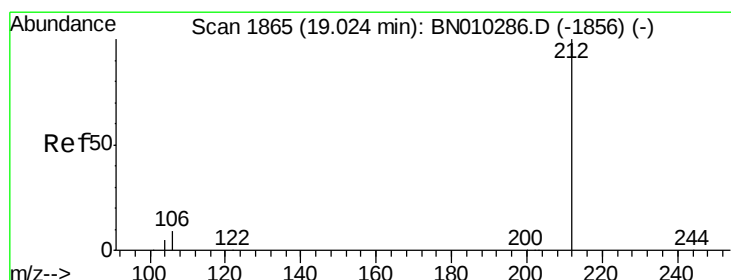
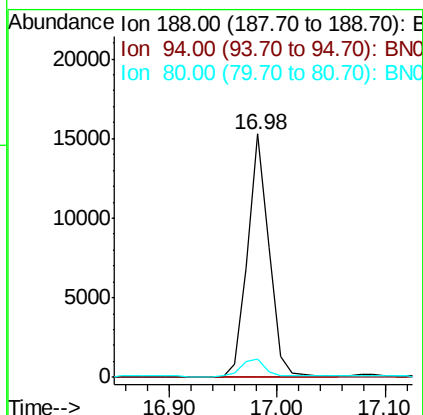
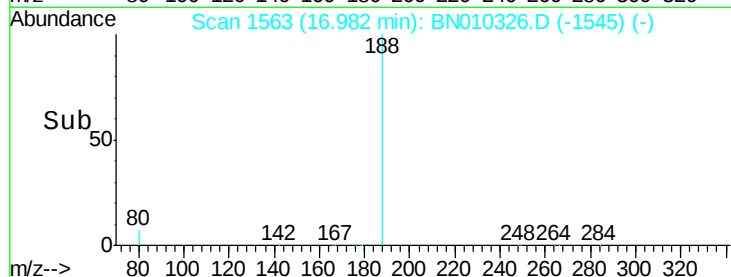
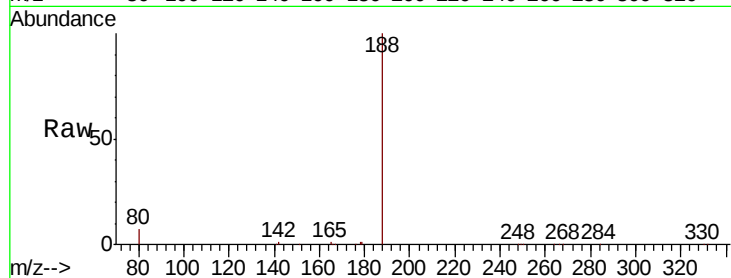
Tot Ion:188 Resp: 20862

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.3 6.0 9.0



#25

Fluoranthene-d10

Concen: 0.295 ng

RT: 19.02 min Scan# 1863

Delta R.T. -0.00 min

Lab File: BN010326.D

Acq: 24 Mar 2020 15:03

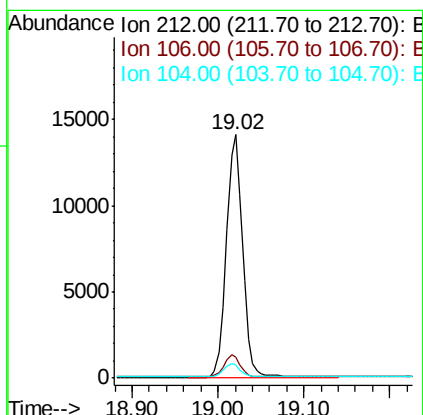
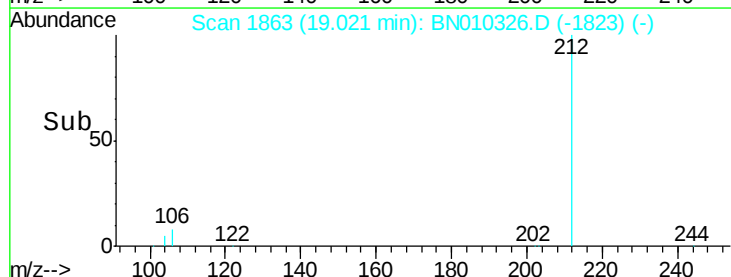
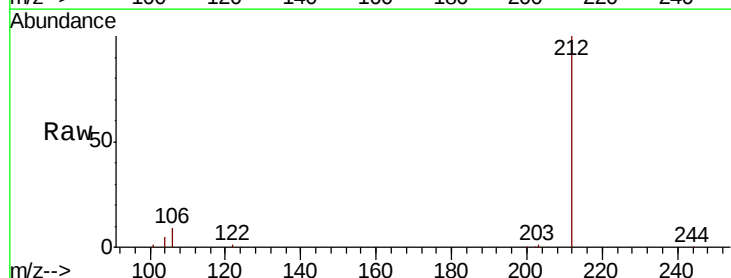
Tgt Ion:212 Resp: 18574

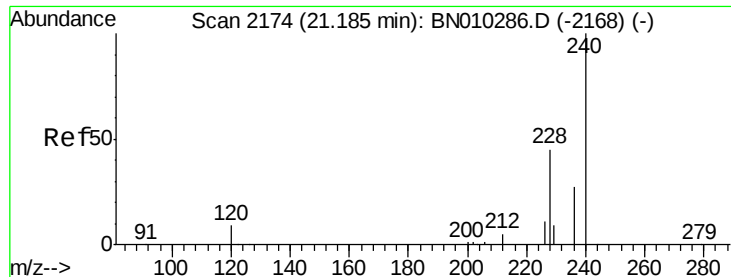
Ion Ratio Lower Upper

212 100

106 9.1 7.4 11.2

104 5.4 4.2 6.4

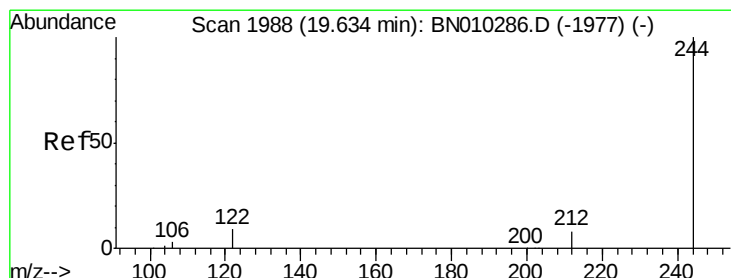
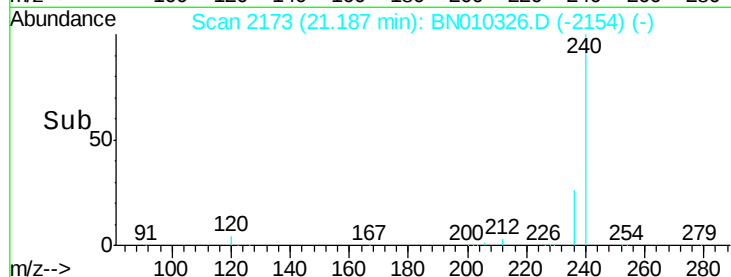
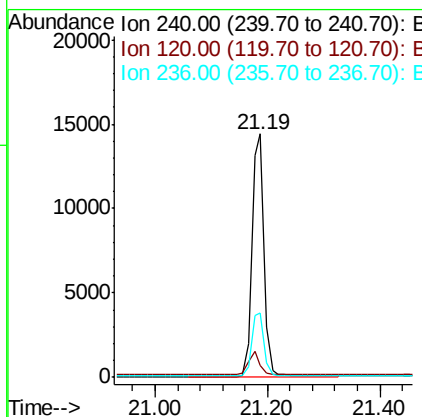
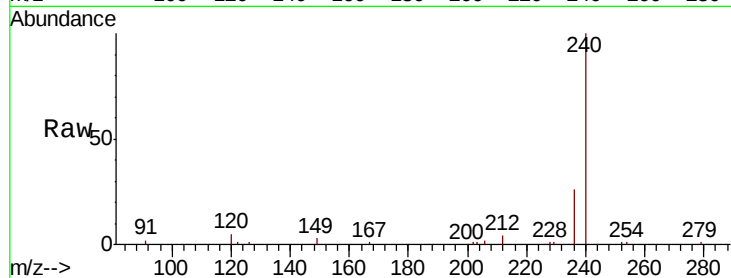




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.19 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BN010326.D
Acq: 24 Mar 2020 15:03

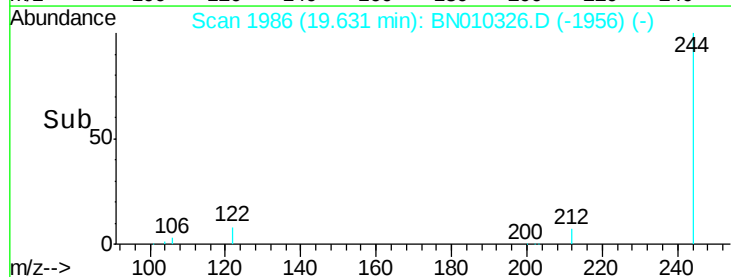
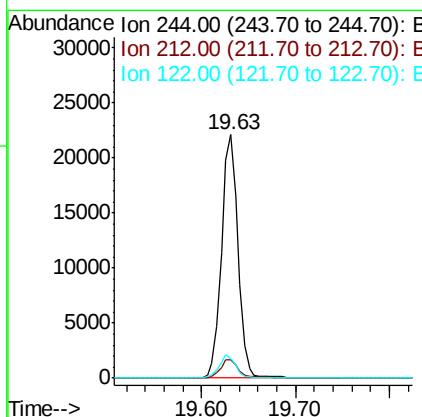
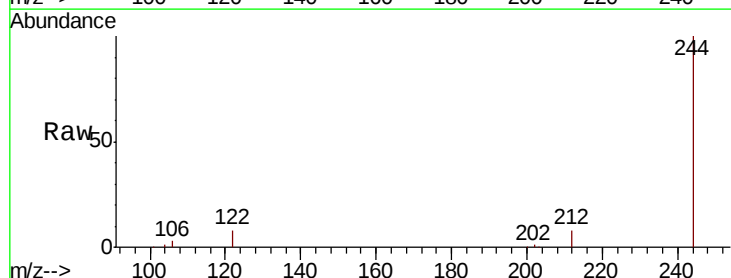
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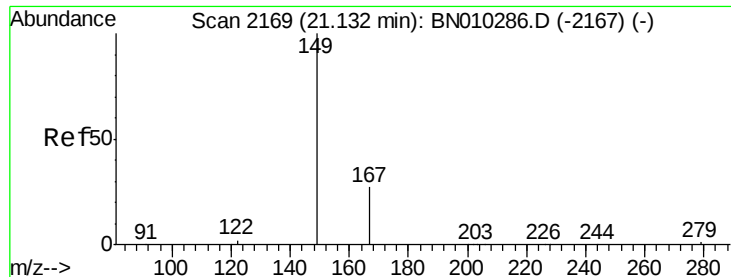
Tot Ion:240 Resp: 21217
Ion Ratio Lower Upper
240 100
120 4.7 7.9 11.9#
236 26.3 22.2 33.4



#29
Terphenyl-d14
Concen: 0.579 ng
RT: 19.63 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BN010326.D
Acq: 24 Mar 2020 15:03

Tgt Ion:244 Resp: 26538
Ion Ratio Lower Upper
244 100
212 7.7 6.3 9.5
122 8.3 7.6 11.4





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.114 ng

RT: 21.12 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BN010326.D

Acq: 24 Mar 2020 15:03

Instrument :

BNA_N

ClientSampleId :

MW203D-20200315

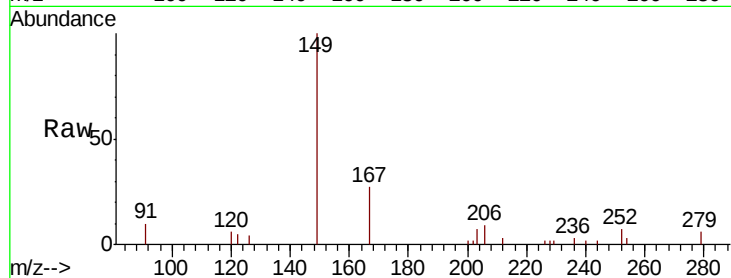
Tot Ion:149 Resp: 2604

Ion Ratio Lower Upper

149 100

167 29.1 23.0 34.6

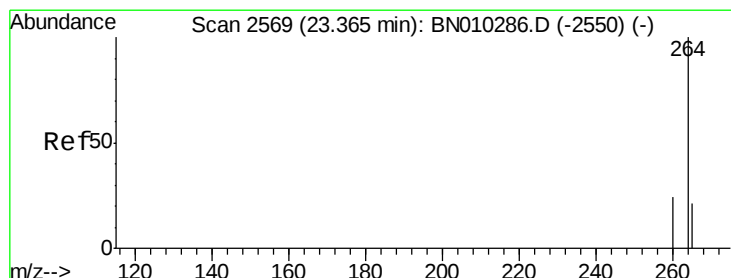
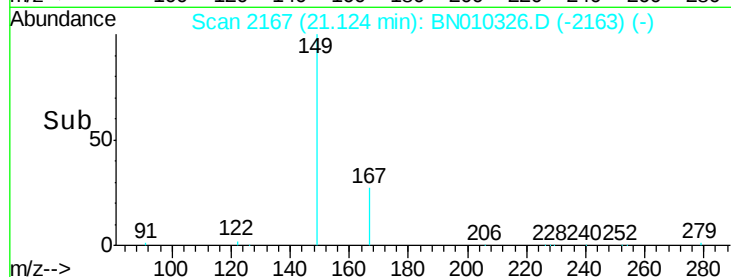
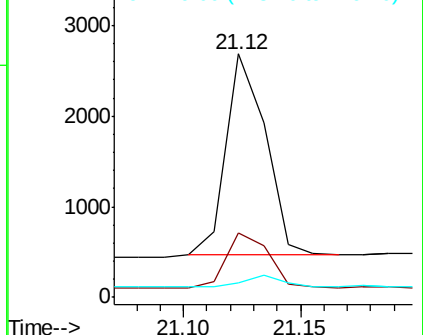
279 5.7 3.8 5.8



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: 23.36 min Scan# 2565

Delta R.T. -0.01 min

Lab File: BN010326.D

Acq: 24 Mar 2020 15:03

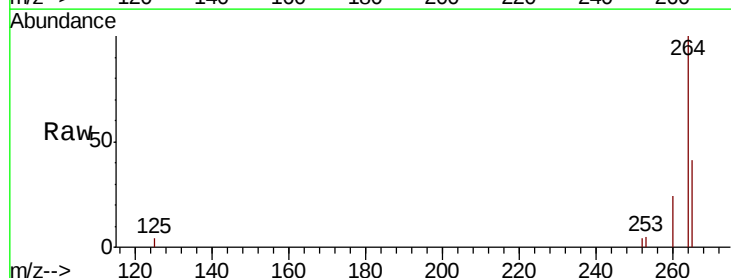
Tgt Ion:264 Resp: 21489

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

265 41.3 32.4 48.6



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

