

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031720\
 Data File : BN010244.D
 Acq On : 17 Mar 2020 17:48
 Operator : CG/JU
 Sample : L1903-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW201D-20200307

Quant Time: Mar 17 18:21:23 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

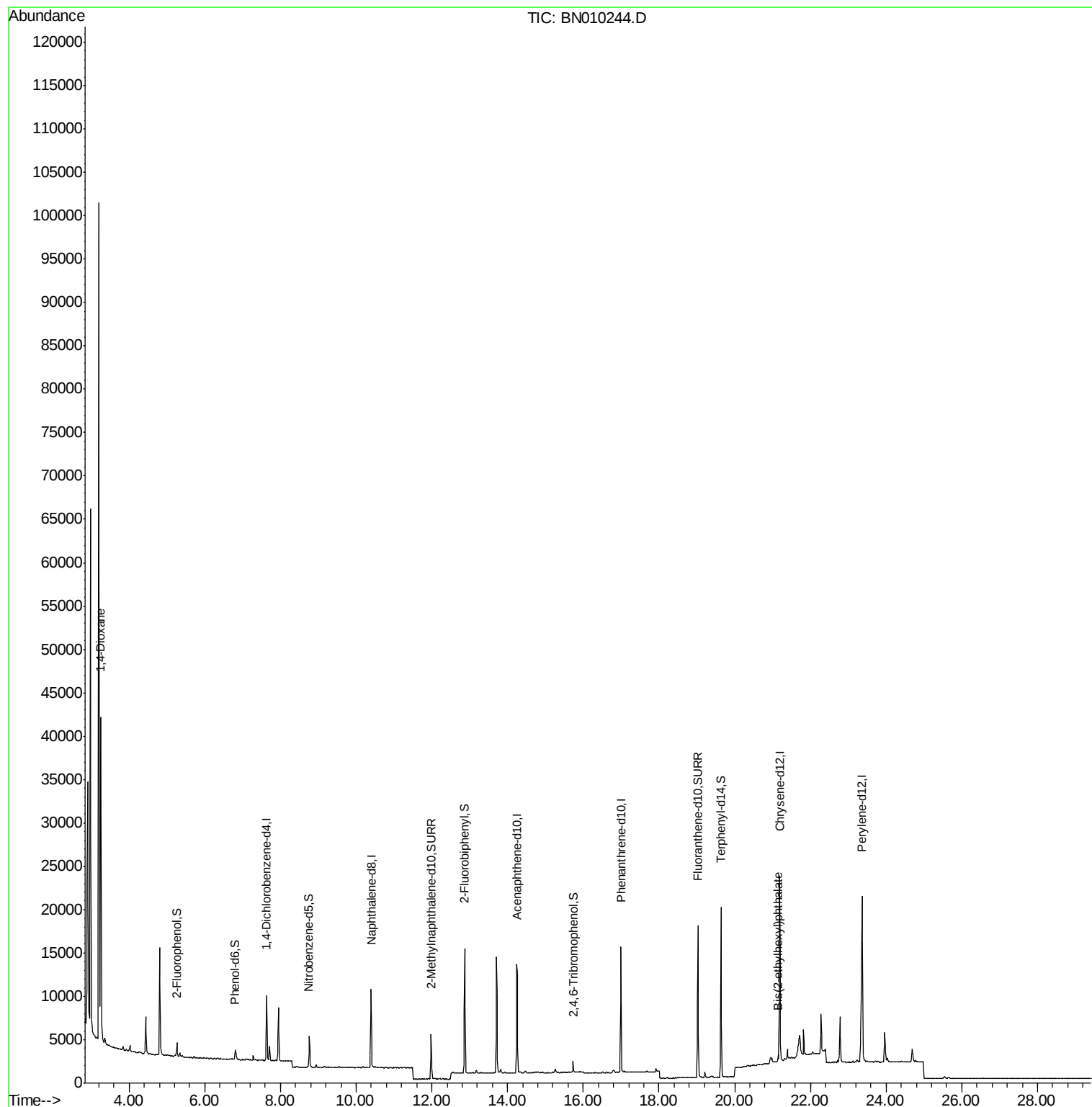
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3623	0.40	ng	0.00
7) Naphthalene-d8	10.39	136	12411	0.40	ng	0.00
13) Acenaphthene-d10	14.24	164	7637	0.40	ng	-0.02
19) Phenanthrene-d10	16.99	188	18491	0.40	ng	0.00
27) Chrysene-d12	21.19	240	19507	0.40	ng	0.00
34) Perylene-d12	23.36	264	23983	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	1323	0.16	ng	0.00
5) Phenol-d6	6.81	99	1017	0.10	ng	0.00
8) Nitrobenzene-d5	8.76	82	2931	0.39	ng	-0.01
11) 2-Methylnaphthalene-d10	11.98	152	7125	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.74	330	1032	0.38	ng	-0.02
15) 2-Fluorobiphenyl	12.87	172	12239	0.45	ng	0.00
25) Fluoranthene-d10	19.03	212	20795	0.36	ng	0.00
29) Terphenyl-d14	19.64	244	19756	0.44	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.26	88	23812	6.737	ng	# 53
32) Bis(2-ethylhexyl)phthalate	21.14	149	700	0.025	ng	# 92

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

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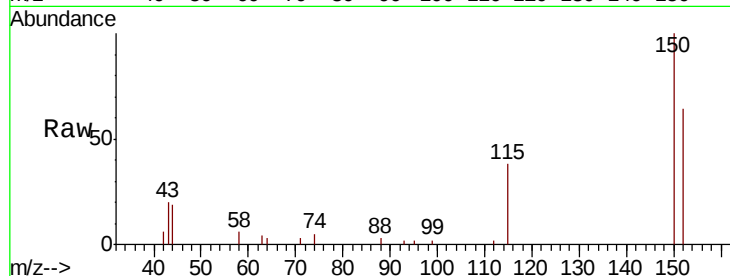


#1

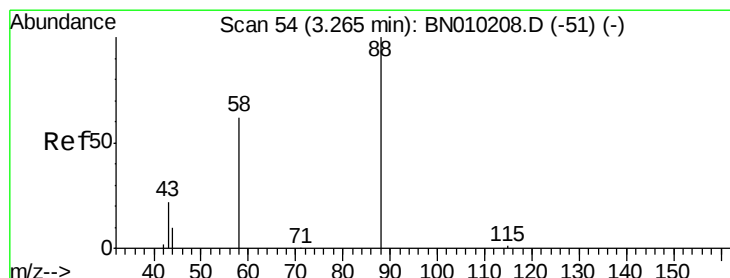
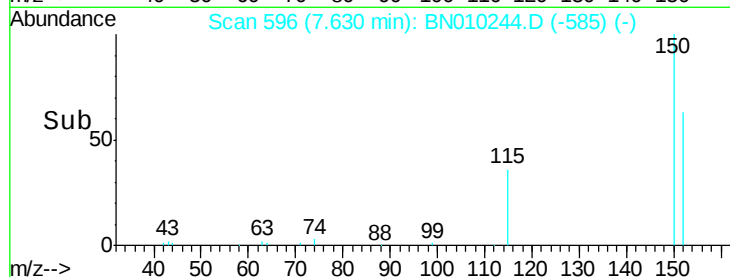
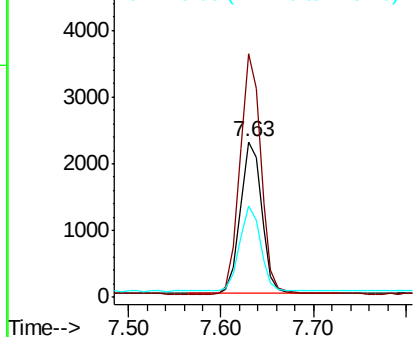
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 596
Delta R.T. -0.01 min
Lab File: BN010244.D
Acq: 17 Mar 2020 17:48

Instrument :
BNA_N
ClientSampleId :
MW201D-20200307

Tot Ion:152 Resp: 3623
Ion Ratio Lower Upper
152 100
150 156.7 119.5 179.3
115 59.1 50.9 76.3



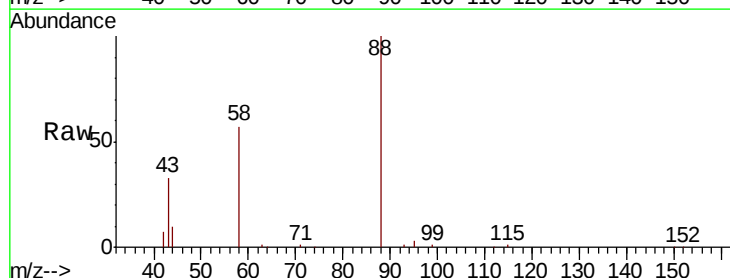
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



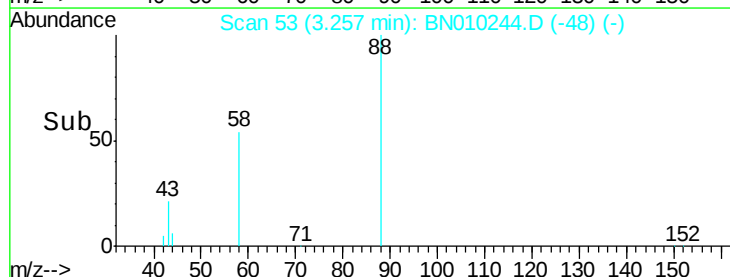
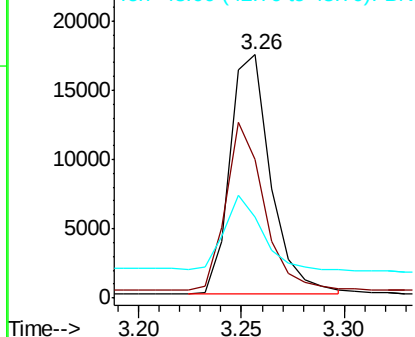
#2

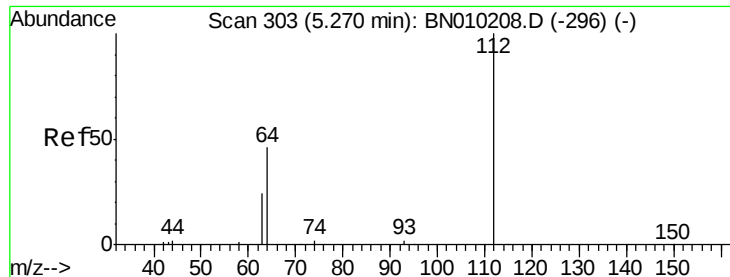
1,4-Dioxane
Concen: 6.737 ng
RT: 3.26 min Scan# 53
Delta R.T. -0.01 min
Lab File: BN010244.D
Acq: 17 Mar 2020 17:48

Tgt Ion: 88 Resp: 23812
Ion Ratio Lower Upper
88 100
58 64.9 97.8 146.8#
43 28.1 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: 0.156 ng

RT: 5.26 min Scan# 302

Delta R.T. -0.01 min

Lab File: BN010244.D

Acq: 17 Mar 2020 17:48

Instrument :

BNA_N

ClientSampleId :

MW201D-20200307

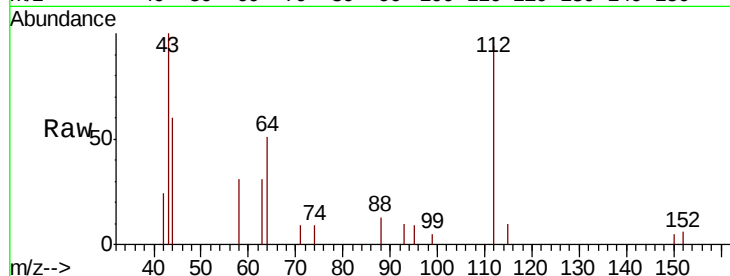
Tot Ion: 112 Resp: 1323

Ion Ratio Lower Upper

112 100

64 52.3 42.6 63.8

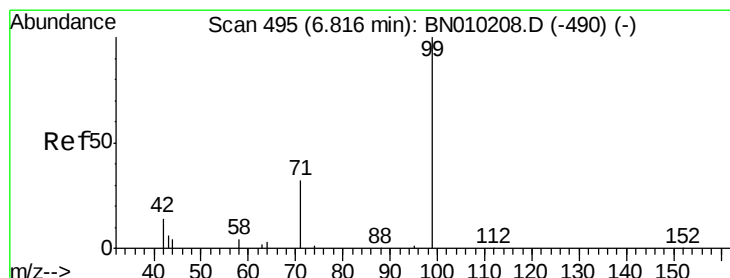
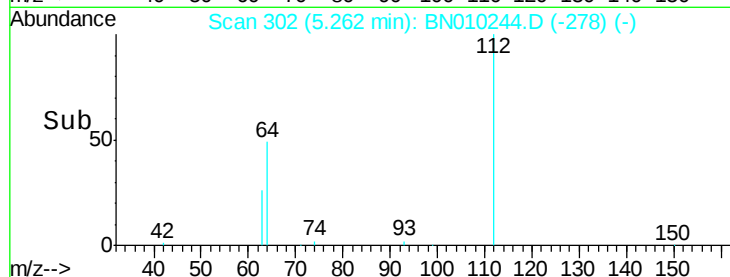
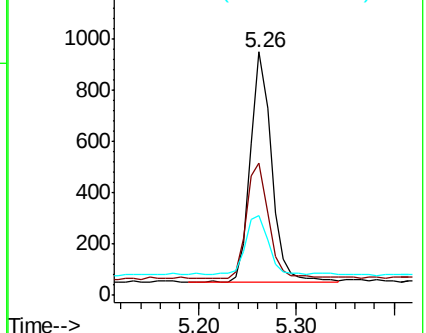
63 28.0 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.096 ng

RT: 6.81 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN010244.D

Acq: 17 Mar 2020 17:48

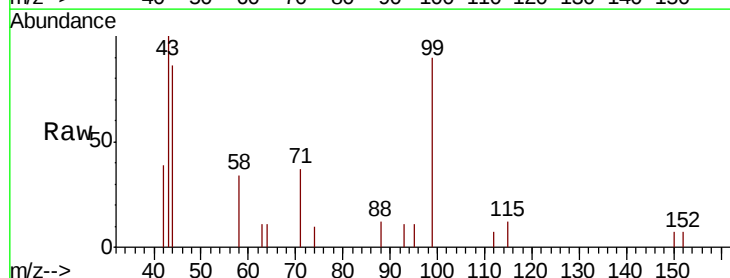
Tgt Ion: 99 Resp: 1017

Ion Ratio Lower Upper

99 100

42 26.3 12.0 18.0#

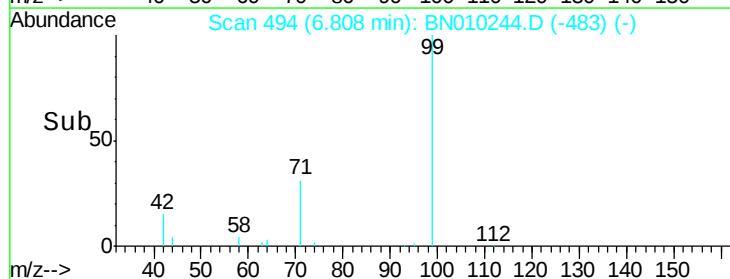
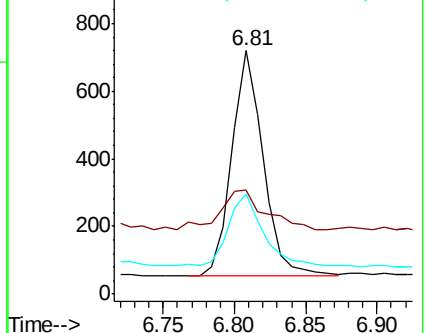
71 38.6 22.6 33.8#

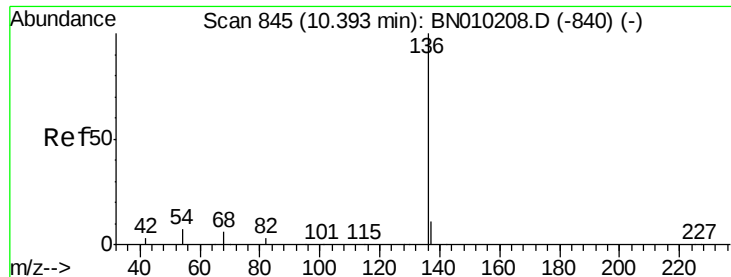


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.39 min Scan# 845

Delta R.T. 0.00 min

Lab File: BN010244.D

Acq: 17 Mar 2020 17:48

Instrument :

BNA_N

ClientSampleId :

MW201D-20200307

Tot Ion:136 Resp: 12411

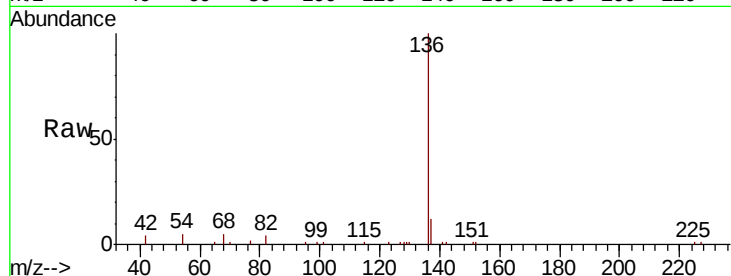
Ion Ratio Lower Upper

136 100

137 11.7 10.6 15.8

54 5.3 9.5 14.3#

68 4.9 9.7 14.5#

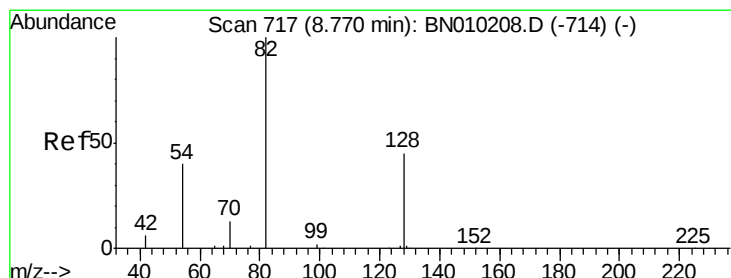
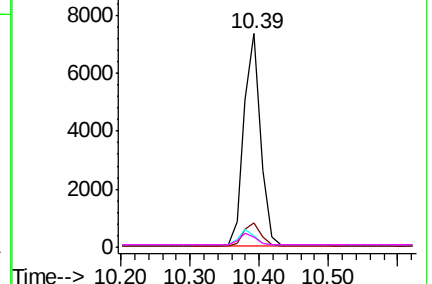
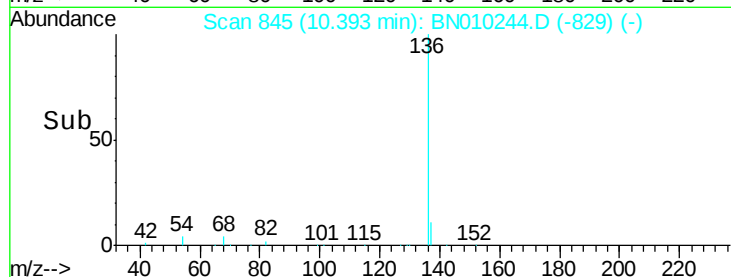


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.394 ng

RT: 8.76 min Scan# 716

Delta R.T. -0.01 min

Lab File: BN010244.D

Acq: 17 Mar 2020 17:48

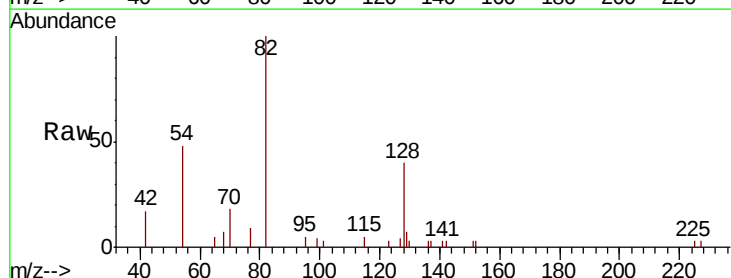
Tgt Ion: 82 Resp: 2931

Ion Ratio Lower Upper

82 100

128 40.3 35.0 52.6

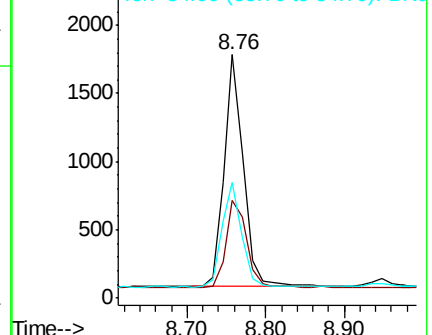
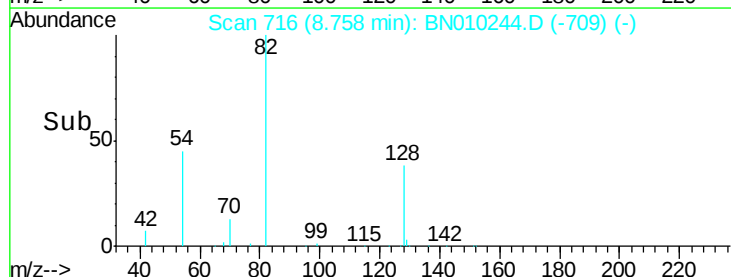
54 47.7 37.0 55.4

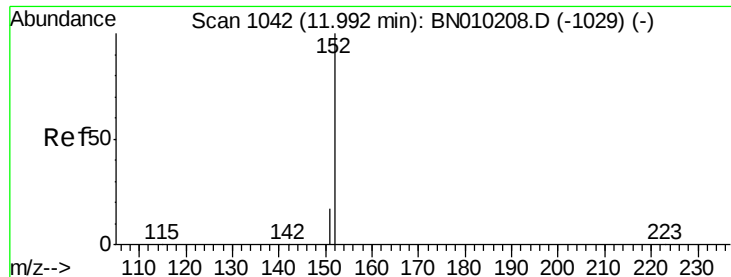


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

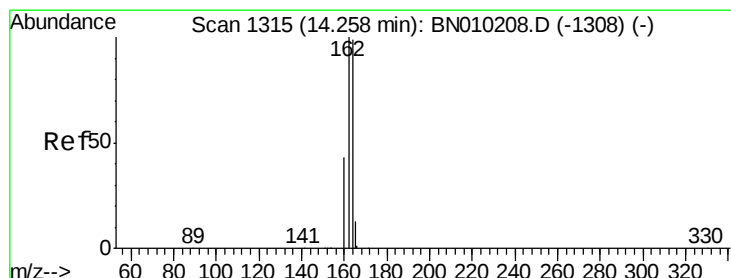
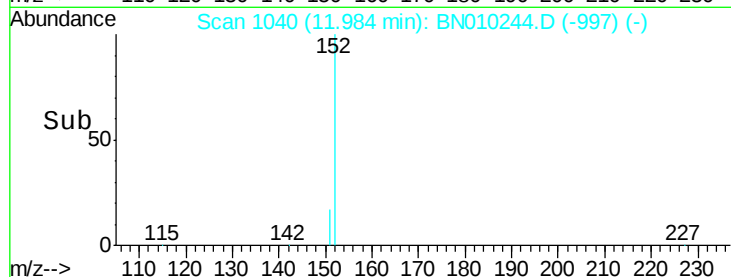
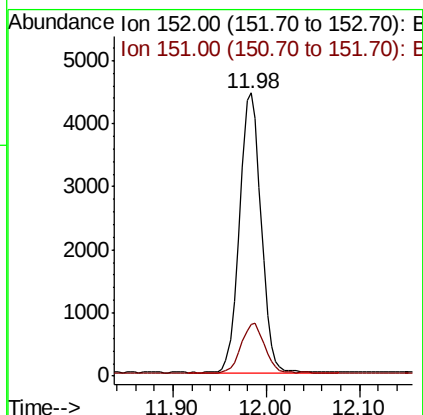
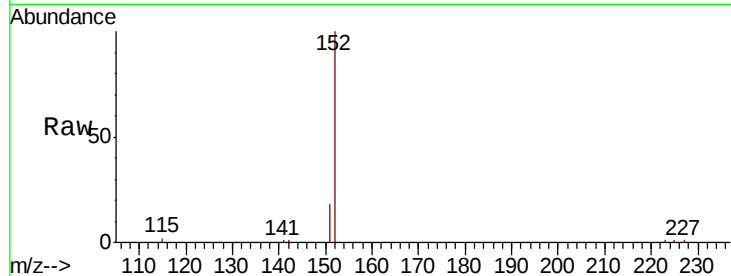




#11
2-Methylnaphthalene-d10
Concen: 0.348 ng
RT: 11.98 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BN010244.D
Acq: 17 Mar 2020 17:48

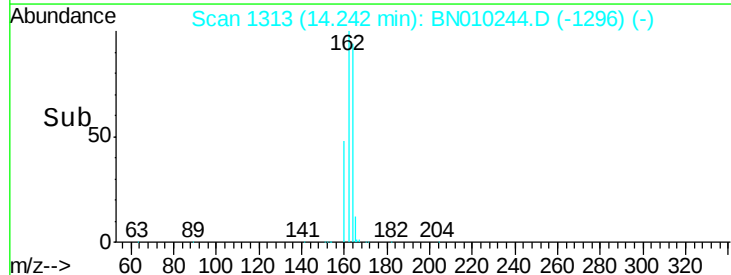
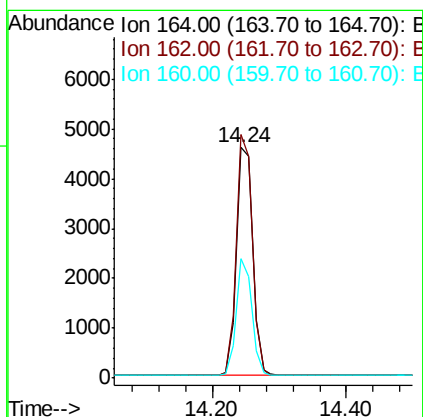
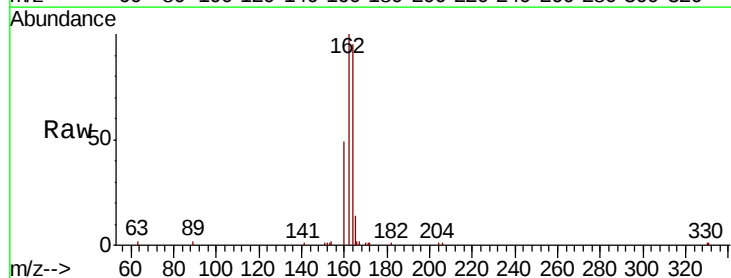
Instrument :
BNA_N
ClientSampleId :
MW201D-20200307

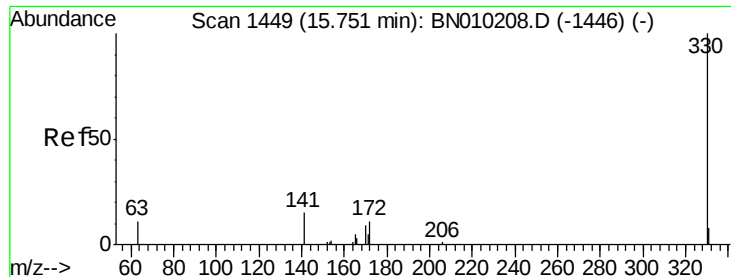
Tot Ion:152 Resp: 7125
Ion Ratio Lower Upper
152 100
151 19.0 15.0 22.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BN010244.D
Acq: 17 Mar 2020 17:48

Tgt Ion:164 Resp: 7637
Ion Ratio Lower Upper
164 100
162 105.7 81.0 121.4
160 51.8 35.6 53.4





#14

2,4,6-Tribromophenol

Concen: 0.378 ng

RT: 15.74 min Scan# 1447

Delta R.T. -0.02 min

Lab File: BN010244.D

Acq: 17 Mar 2020 17:48

Instrument :

BNA_N

ClientSampleId :

MW201D-20200307

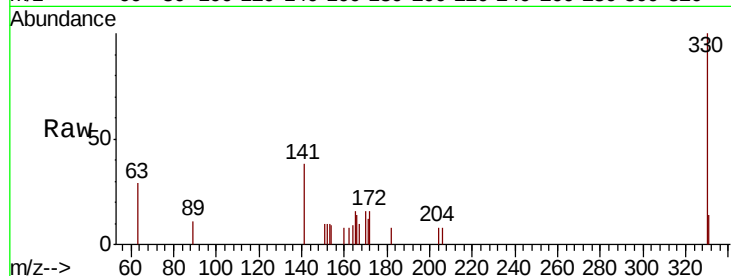
Tot Ion:330 Resp: 1032

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 31.8 25.1 37.7

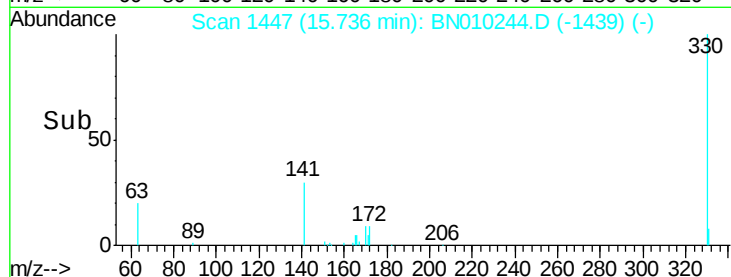


Abundance Ion 330.00 (329.70 to 330.70): E

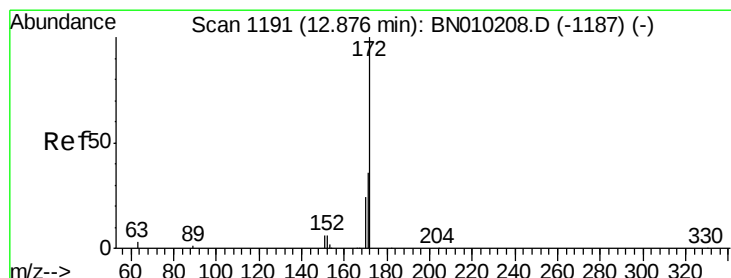
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

Time--> 15.60 15.70 15.80 15.90



Time--> 15.60 15.70 15.80 15.90



#15

2-Fluorobiphenyl

Concen: 0.450 ng

RT: 12.87 min Scan# 1190

Delta R.T. -0.00 min

Lab File: BN010244.D

Acq: 17 Mar 2020 17:48

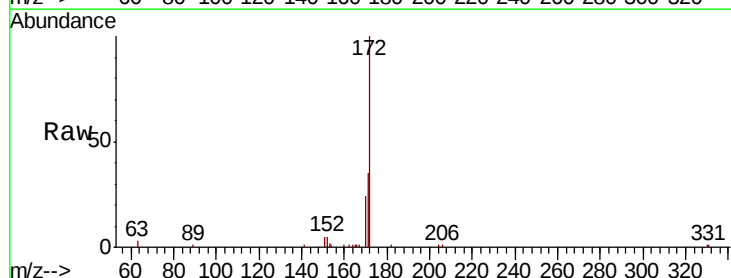
Tgt Ion:172 Resp: 12239

Ion Ratio Lower Upper

172 100

171 35.2 29.4 44.2

170 23.5 20.2 30.4

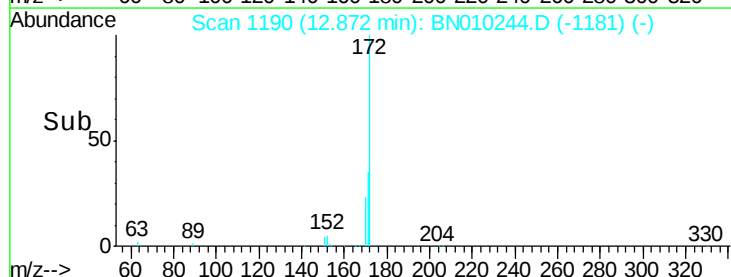


Abundance Ion 172.00 (171.70 to 172.70): E

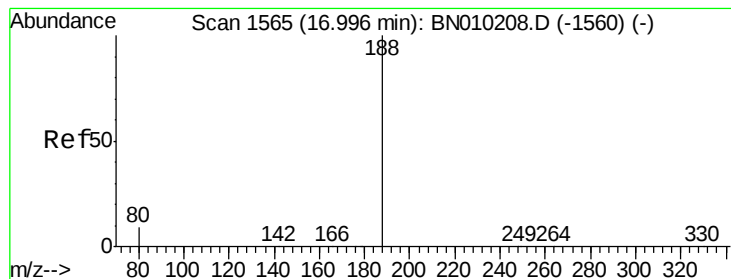
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

Time--> 12.80 12.90 13.00



Time--> 12.80 12.90 13.00



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.99 min Scan# 1564

Delta R.T. -0.00 min

Lab File: BN010244.D

Acq: 17 Mar 2020 17:48

Instrument :

BNA_N

ClientSampleId :

MW201D-20200307

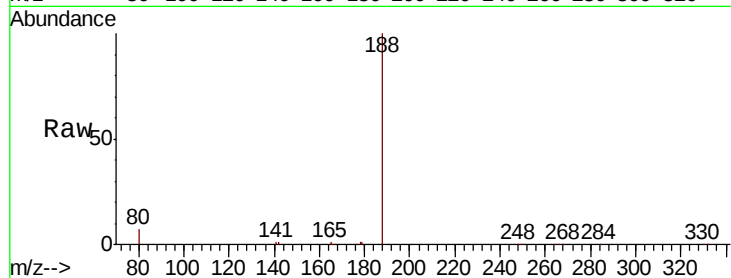
Tot Ion:188 Resp: 18491

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

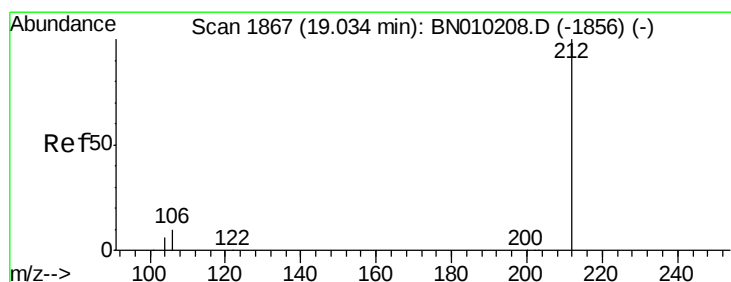
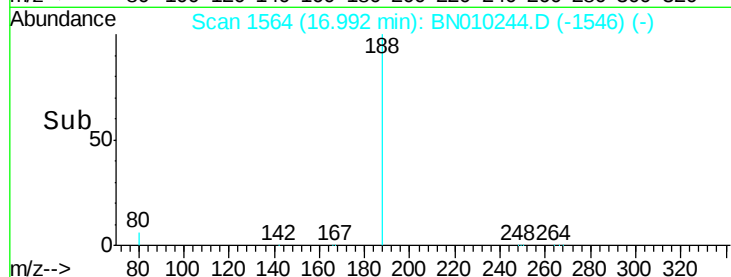
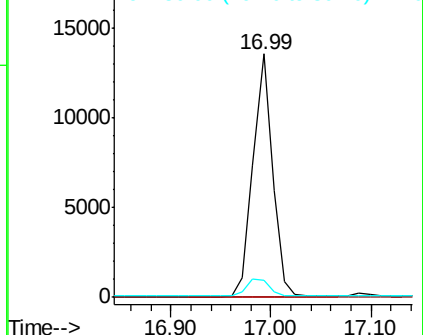
80 7.0 8.6 12.8#



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: 0.364 ng

RT: 19.03 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BN010244.D

Acq: 17 Mar 2020 17:48

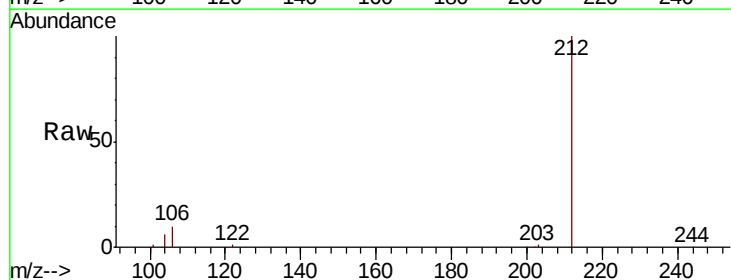
Tgt Ion:212 Resp: 20795

Ion Ratio Lower Upper

212 100

106 9.6 8.1 12.1

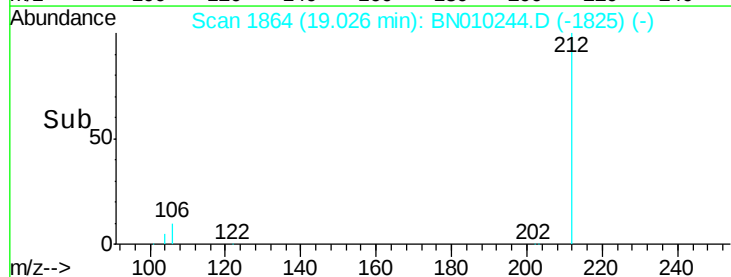
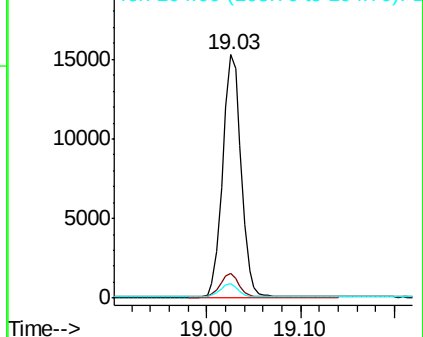
104 5.4 4.7 7.1

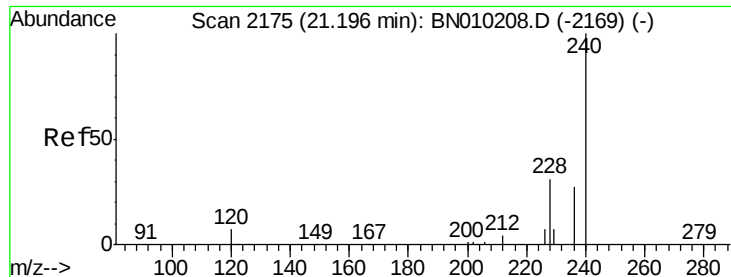


Abundance Ion 212.00 (211.70 to 212.70): E

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# 2173

Delta R.T. -0.01 min

Lab File: BN010244.D

Acq: 17 Mar 2020 17:48

Instrument :

BNA_N

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MW201D-20200307

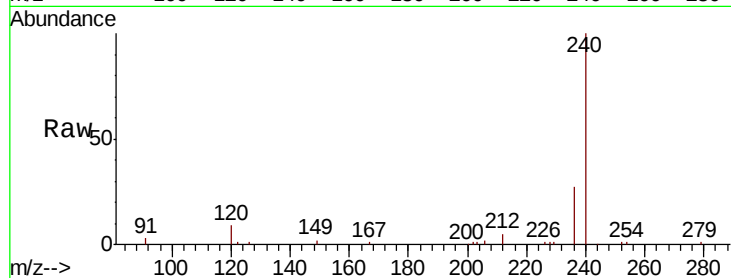
Tot Ion:240 Resp: 19507

Ion Ratio Lower Upper

240 100

120 8.6 7.7 11.5

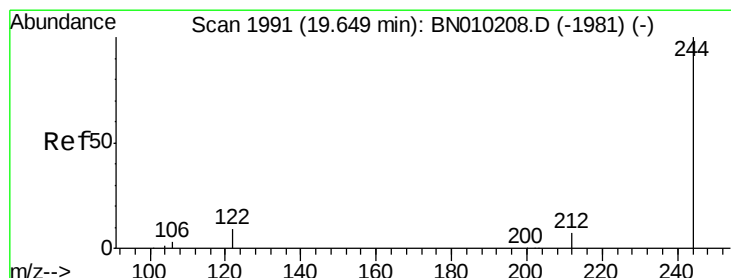
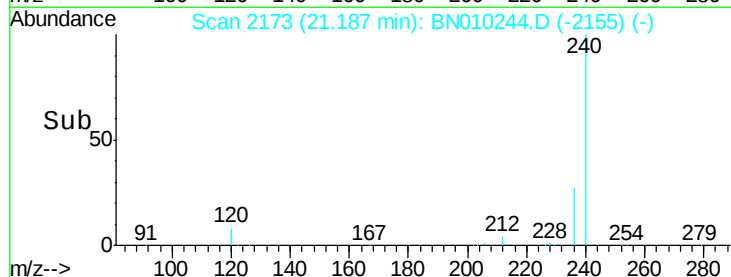
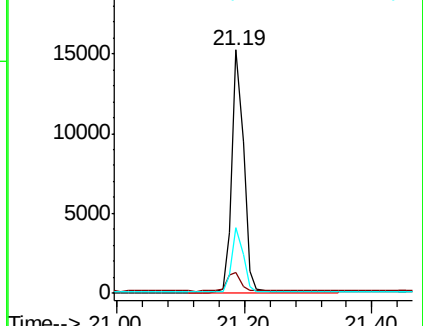
236 27.0 21.8 32.6



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: 0.444 ng

RT: 19.64 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BN010244.D

Acq: 17 Mar 2020 17:48

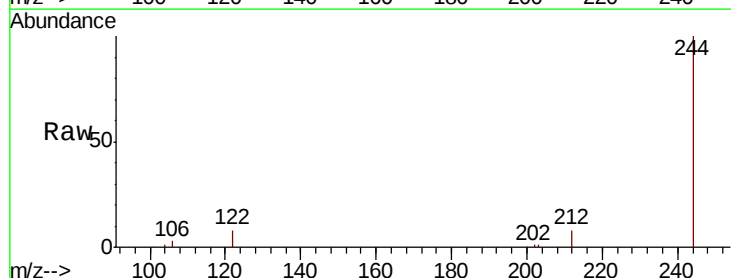
Tgt Ion:244 Resp: 19756

Ion Ratio Lower Upper

244 100

212 7.7 6.4 9.6

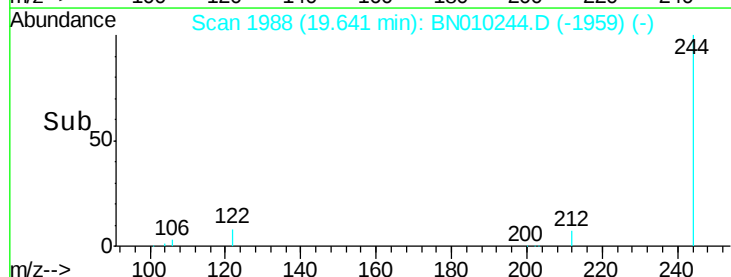
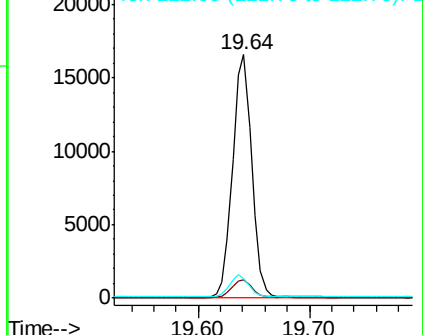
122 8.2 8.1 12.1

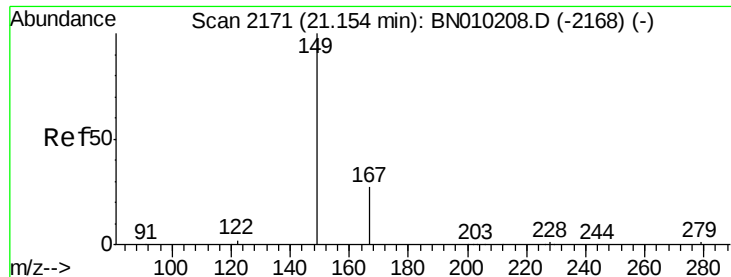


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

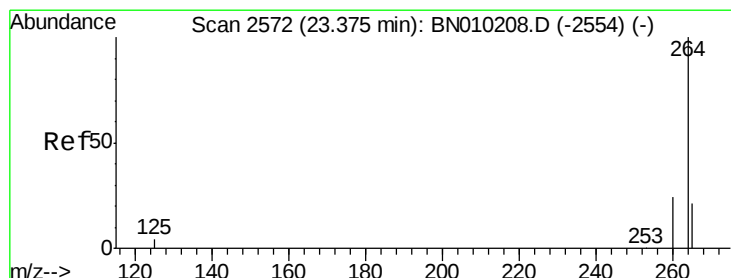
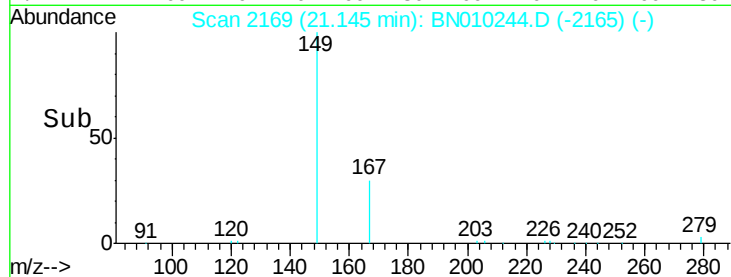
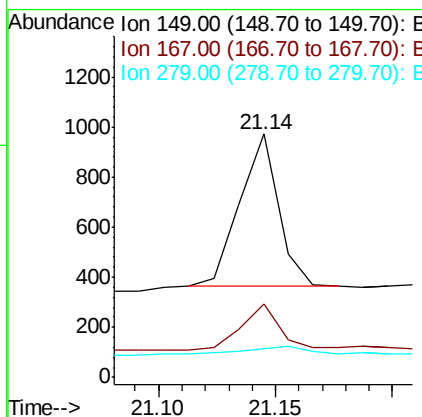
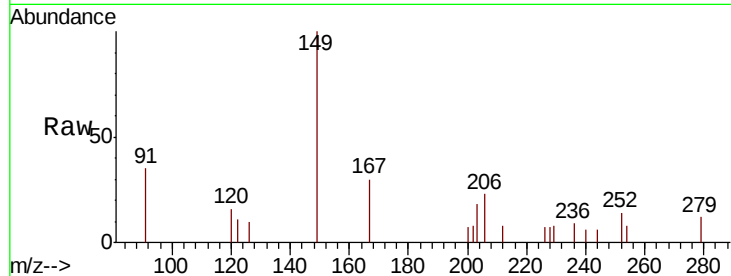




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.025 ng
 RT: 21.14 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: BN010244.D
 Acq: 17 Mar 2020 17:48

Instrument :
 BNA_N
 ClientSampleId :
 MW201D-20200307

Tot Ion:149 Resp: 700
 Ion Ratio Lower Upper
 149 100
 167 30.0 21.0 31.4
 279 7.9 3.1 4.7#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.36 min Scan# 2567
 Delta R.T. -0.01 min
 Lab File: BN010244.D
 Acq: 17 Mar 2020 17:48

Tgt Ion:264 Resp: 23983
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.7 29.5
 265 32.7 25.8 38.6

