

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031720\
 Data File : BN010255.D
 Acq On : 18 Mar 2020 08:10
 Operator : CG/JU
 Sample : L1903-23
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 18 09:07:13 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

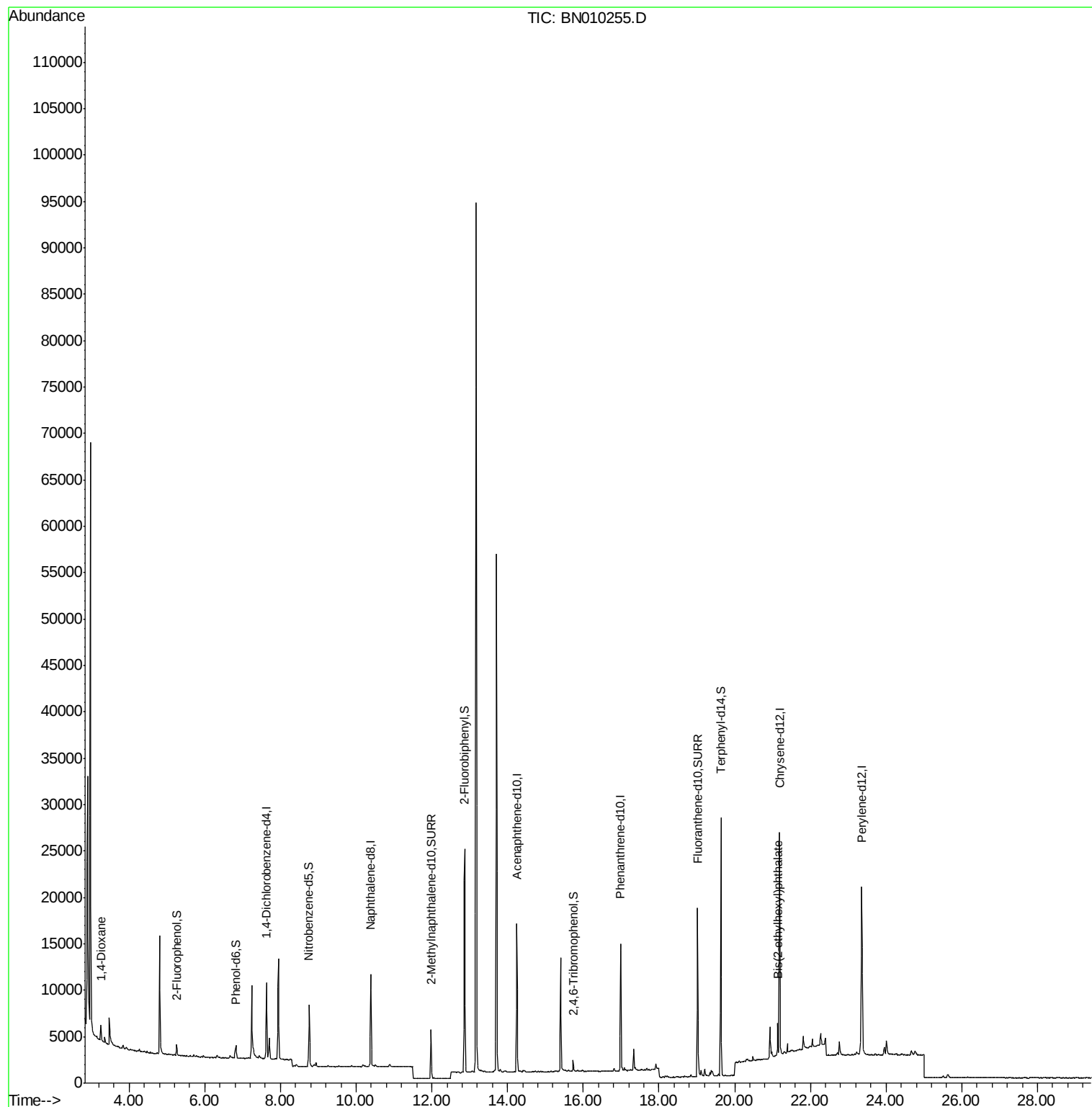
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3837	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	13913	0.40	ng	-0.01
13) Acenaphthene-d10	14.24	164	8585	0.40	ng	-0.02
19) Phenanthrene-d10	16.98	188	20257	0.40	ng	-0.01
27) Chrysene-d12	21.19	240	21806	0.40	ng	0.00
34) Perylene-d12	23.36	264	23347	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	1048	0.12	ng	0.00
5) Phenol-d6	6.81	99	792	0.07	ng	0.00
8) Nitrobenzene-d5	8.76	82	5389	0.65	ng	-0.01
11) 2-Methylnaphthalene-d10	11.98	152	7158	0.31	ng	-0.01
14) 2,4,6-Tribromophenol	15.74	330	945	0.31	ng	-0.02
15) 2-Fluorobiphenyl	12.87	172	22285	0.73	ng	0.00
25) Fluoranthene-d10	19.02	212	21242	0.34	ng	-0.01
29) Terphenyl-d14	19.64	244	28096	0.57	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.26	88	1127	0.301	ng	# 65
32) Bis(2-ethylhexyl)phthalate	21.13	149	2886	0.091	ng	# 96

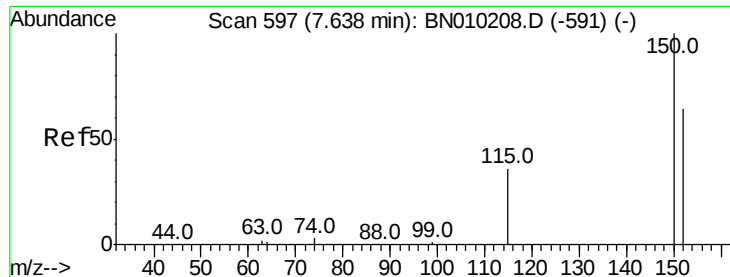
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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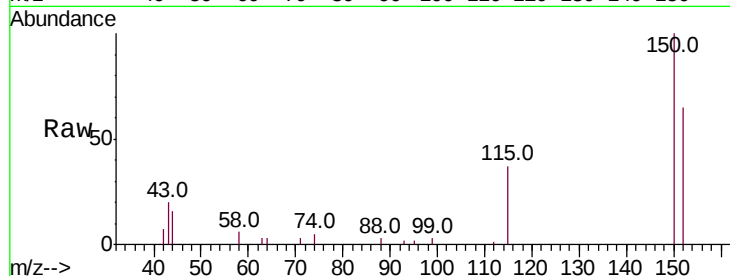


#1

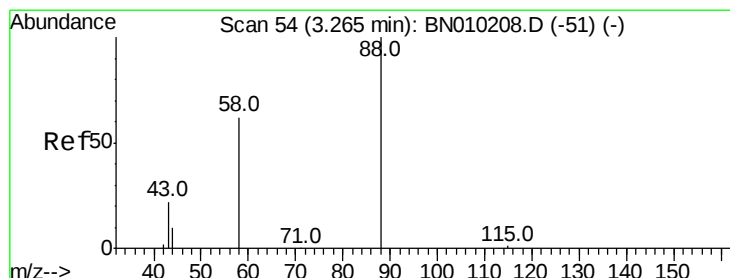
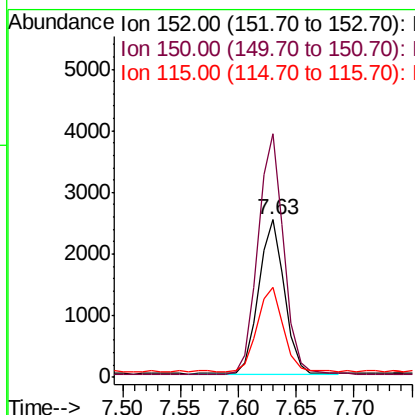
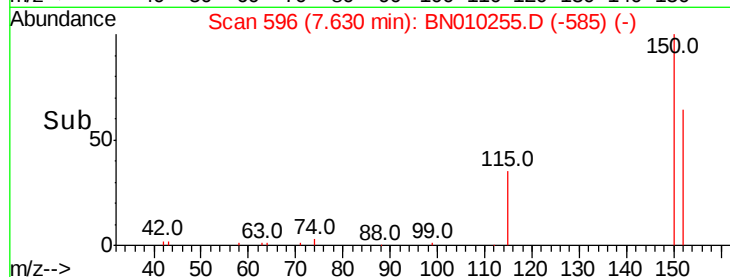
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 596
Delta R.T. -0.01 min
Lab File: BN010255.D
Acq: 18 Mar 2020 08:10

Instrument :
BNA_N
ClientSampled :

Tot Ion:152 Resp: 3837
Ion Ratio Lower Upper
152 100
150 154.8 119.5 179.3
115 57.5 50.9 76.3



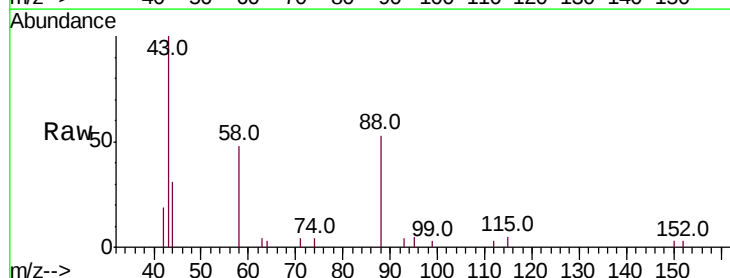
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



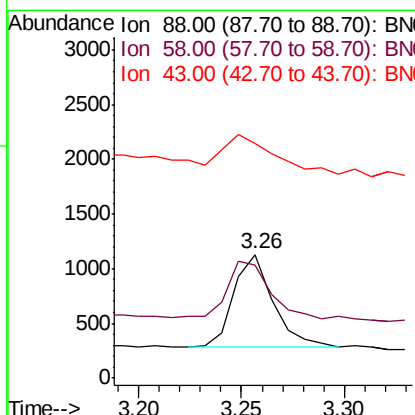
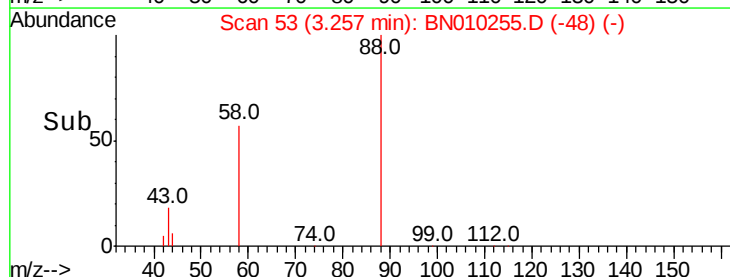
#2

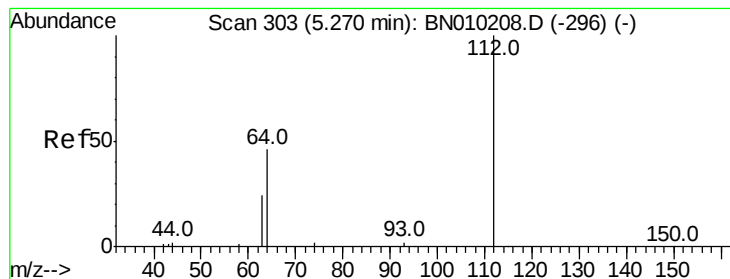
1,4-Dioxane
Concen: 0.301 ng
RT: 3.26 min Scan# 53
Delta R.T. -0.01 min
Lab File: BN010255.D
Acq: 18 Mar 2020 08:10

Tgt Ion: 88 Resp: 1127
Ion Ratio Lower Upper
88 100
58 66.8 97.8 146.8#
43 53.3 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: 0.116 ng

RT: 5.26 min Scan# 302

Delta R.T. -0.01 min

Lab File: BN010255.D

Acq: 18 Mar 2020 08:10

Instrument :

BNA_N

ClientSampled :

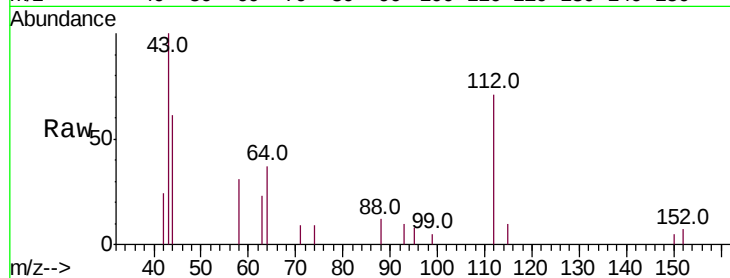
Tot Ion:112 Resp: 1048

Ion Ratio Lower Upper

112 100

64 53.1 42.6 63.8

63 28.1 23.6 35.4



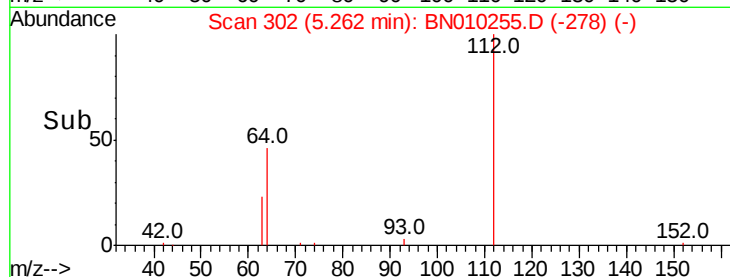
Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

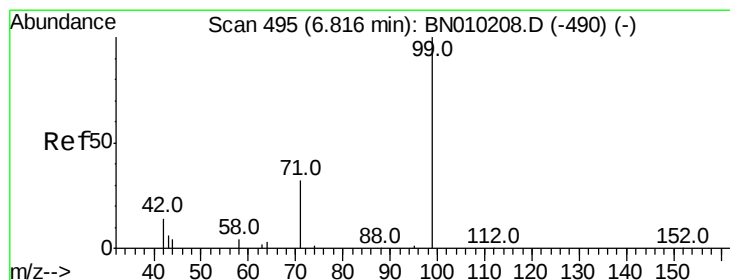
Ion 63.00 (62.70 to 63.70): BNC

5.26

Time-->



Time-->



#5

Phenol-d6

Concen: 0.070 ng

RT: 6.81 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN010255.D

Acq: 18 Mar 2020 08:10

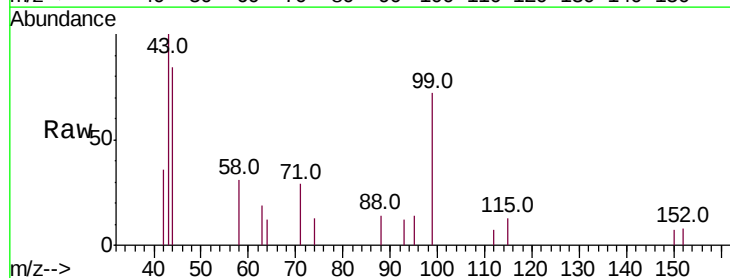
Tgt Ion: 99 Resp: 792

Ion Ratio Lower Upper

99 100

42 32.7 12.0 18.0#

71 41.8 22.6 33.8#



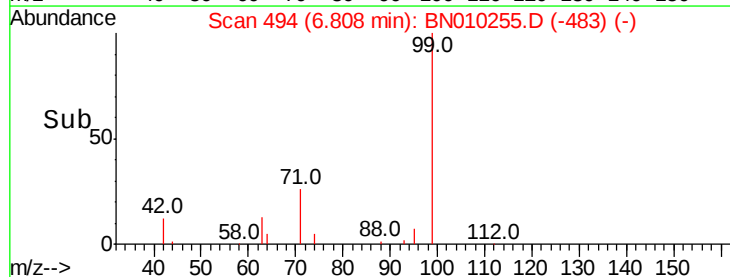
Abundance Ion 99.00 (98.70 to 99.70): BNC

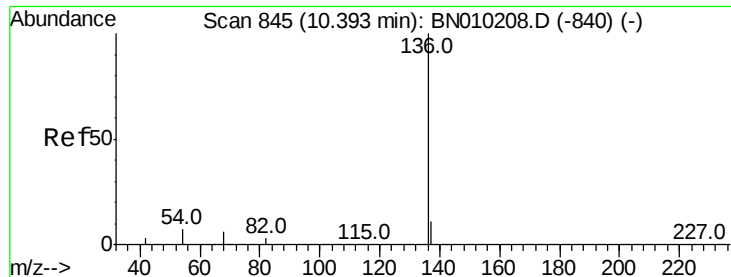
Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC

6.81

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. -0.01 min

Lab File: BN010255.D

Acq: 18 Mar 2020 08:10

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 13913

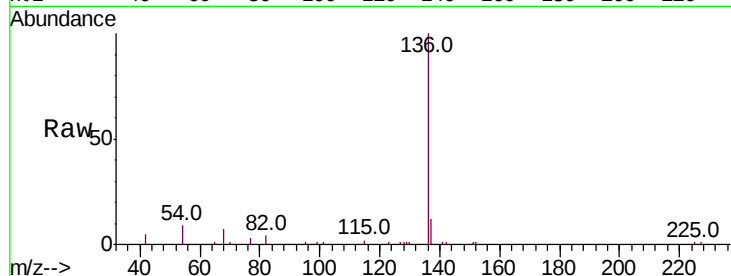
Ion Ratio Lower Upper

136 100

137 11.6 10.6 15.8

54 8.5 9.5 14.3#

68 7.0 9.7 14.5#

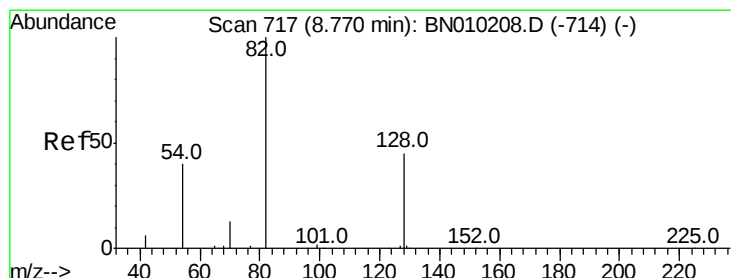
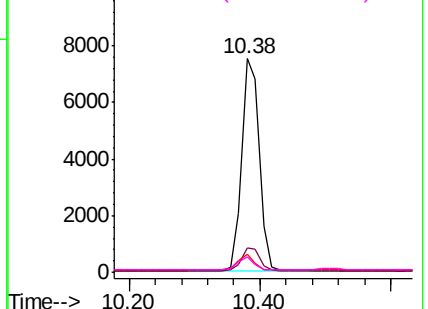
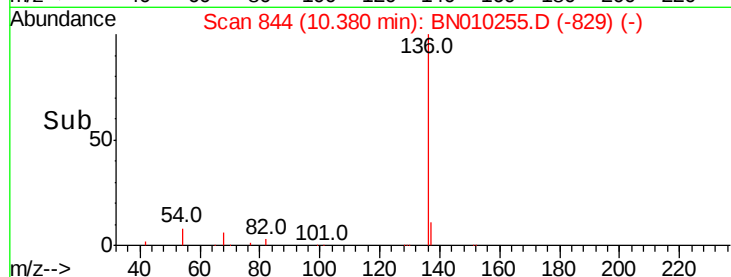


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.646 ng

RT: 8.76 min Scan# 716

Delta R.T. -0.01 min

Lab File: BN010255.D

Acq: 18 Mar 2020 08:10

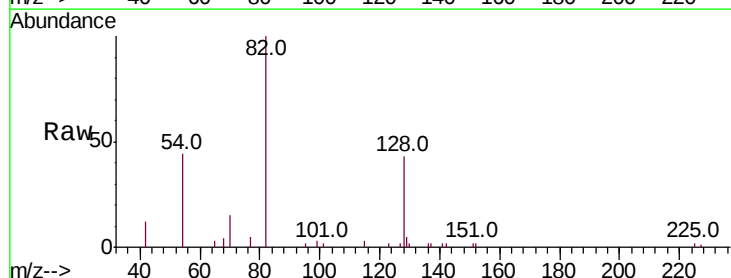
Tgt Ion: 82 Resp: 5389

Ion Ratio Lower Upper

82 100

128 43.3 35.0 52.6

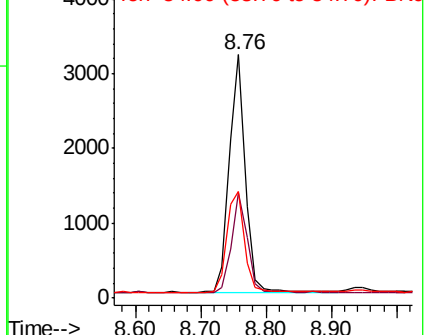
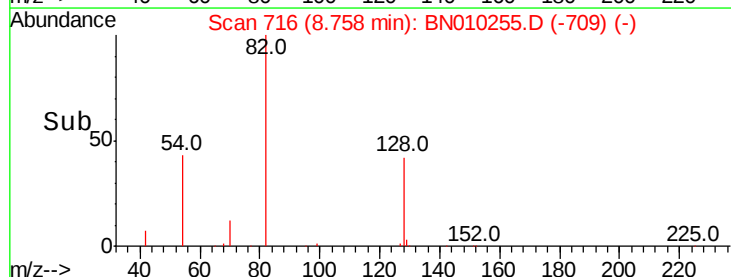
54 44.0 37.0 55.4

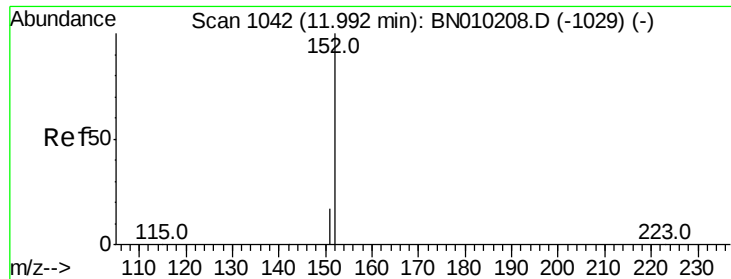


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

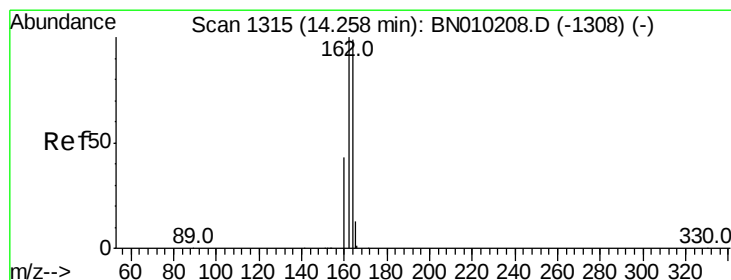
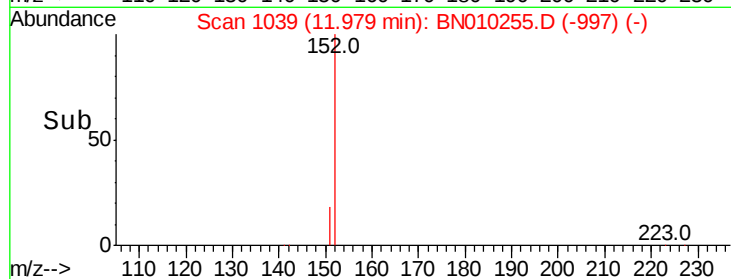
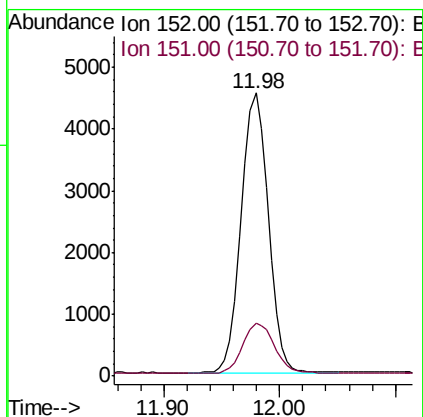
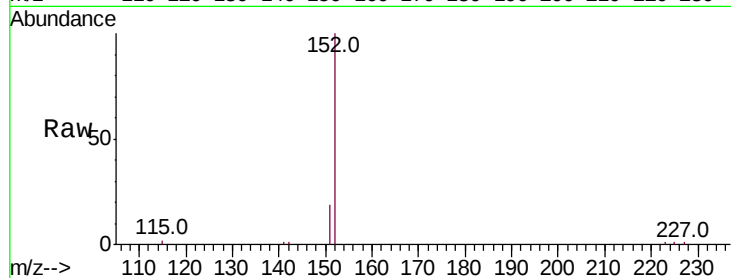




#11
2-Methylnaphthalene-d10
Concen: 0.312 ng
RT: 11.98 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BN010255.D
Acq: 18 Mar 2020 08:10

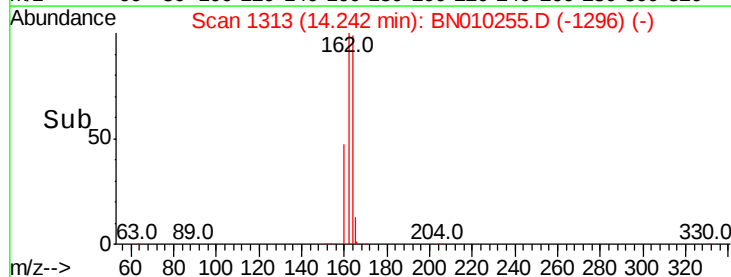
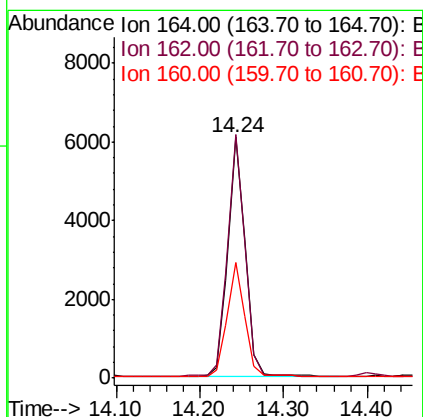
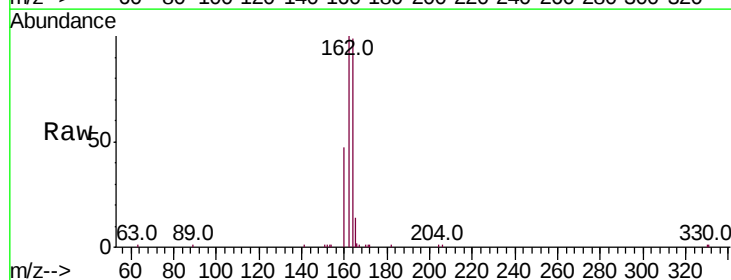
Instrument :
BNA_N
ClientSampleId :

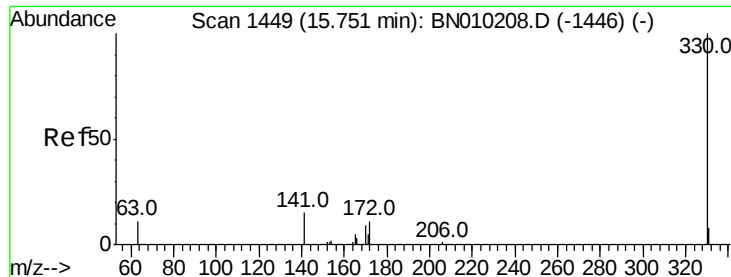
Tot Ion:152 Resp: 7158
Ion Ratio Lower Upper
152 100
151 20.6 15.0 22.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BN010255.D
Acq: 18 Mar 2020 08:10

Tgt Ion:164 Resp: 8585
Ion Ratio Lower Upper
164 100
162 101.2 81.0 121.4
160 47.8 35.6 53.4

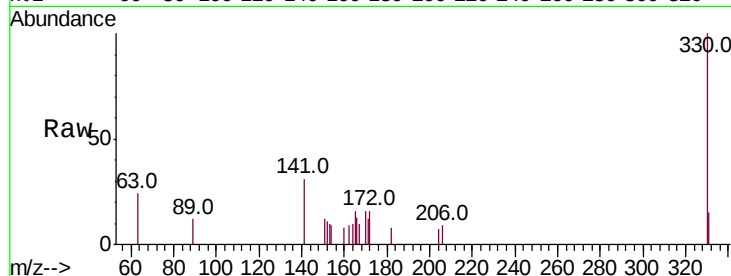




#14
 2,4,6-Tribromophenol
 Concen: 0.308 ng
 RT: 15.74 min Scan# 1447
 Delta R.T. -0.02 min
 Lab File: BN010255.D
 Acq: 18 Mar 2020 08:10

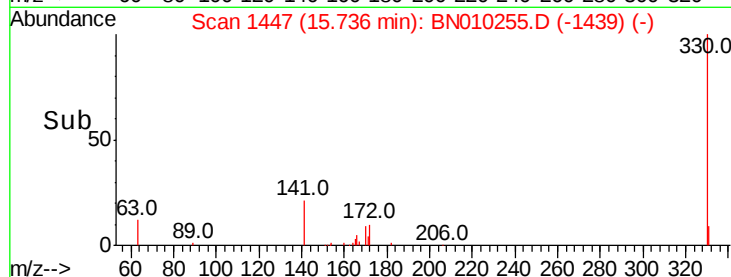
Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:330 Resp: 945
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 35.4 25.1 37.7

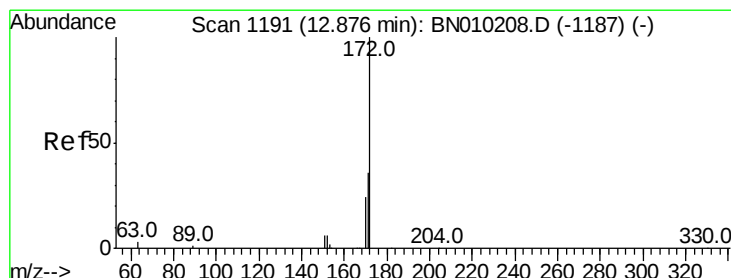


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

15.74

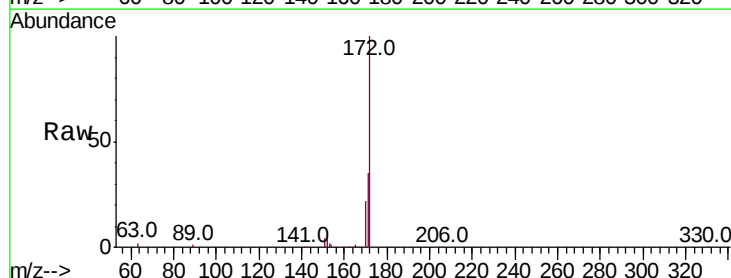


Time--> 15.60 15.70 15.80 15.90



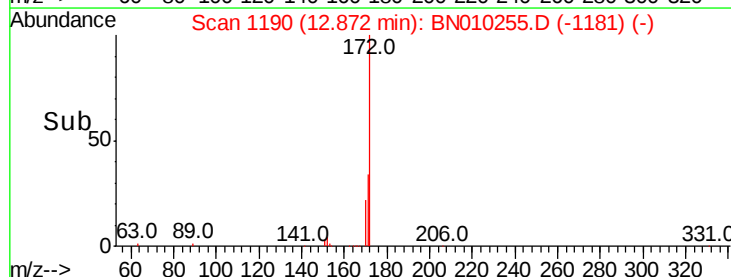
#15
 2-Fluorobiphenyl
 Concen: 0.729 ng
 RT: 12.87 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BN010255.D
 Acq: 18 Mar 2020 08:10

Tgt Ion:172 Resp: 22285
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.4 44.2
 170 22.2 20.2 30.4

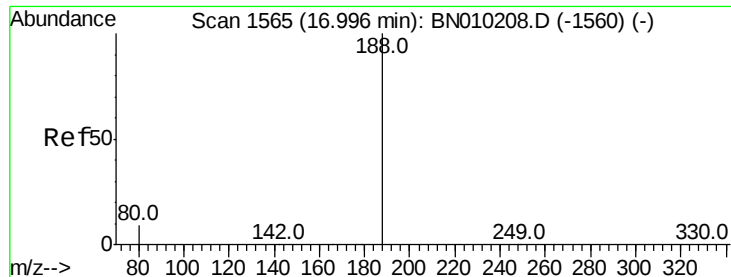


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

12.87



Time--> 12.70 12.80 12.90 13.00



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.98 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BN010255.D

Acq: 18 Mar 2020 08:10

Instrument :

BNA_N

ClientSampleId :

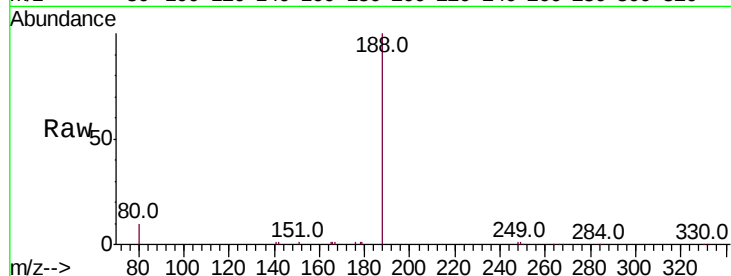
Tot Ion:188 Resp: 20257

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

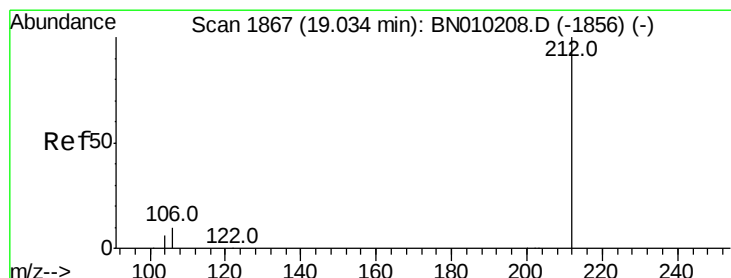
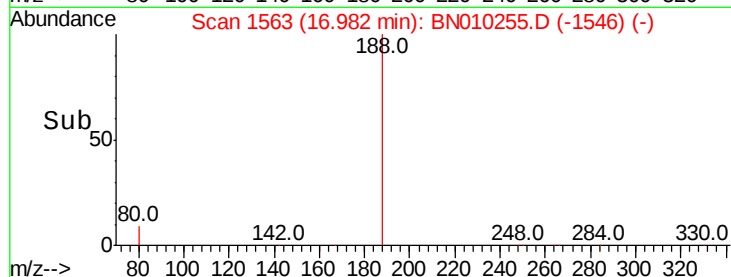
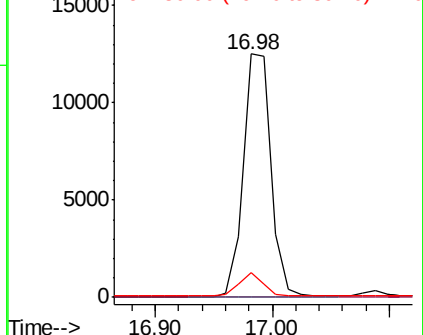
80 10.1 8.6 12.8



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: 0.340 ng

RT: 19.02 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BN010255.D

Acq: 18 Mar 2020 08:10

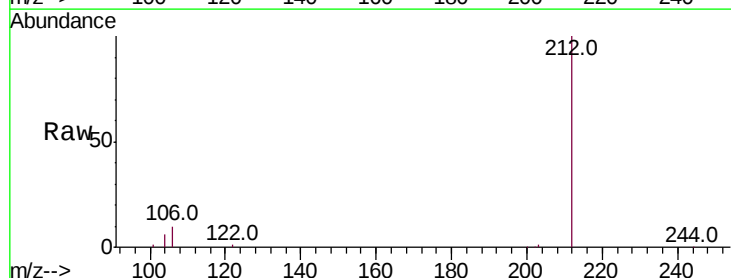
Tgt Ion:212 Resp: 21242

Ion Ratio Lower Upper

212 100

106 9.7 8.1 12.1

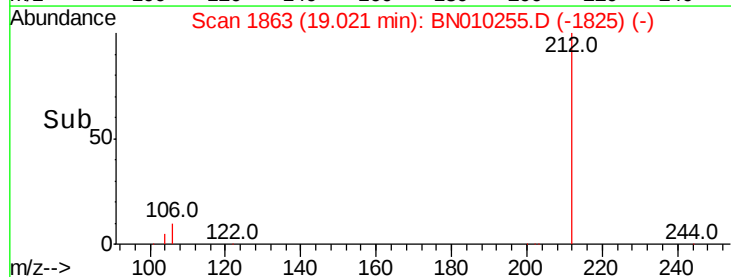
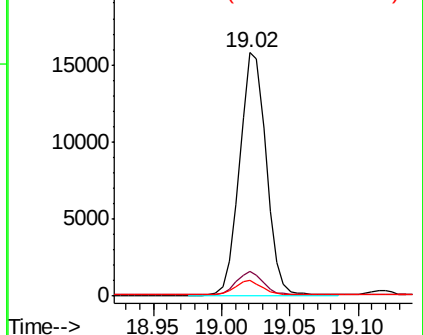
104 5.7 4.7 7.1

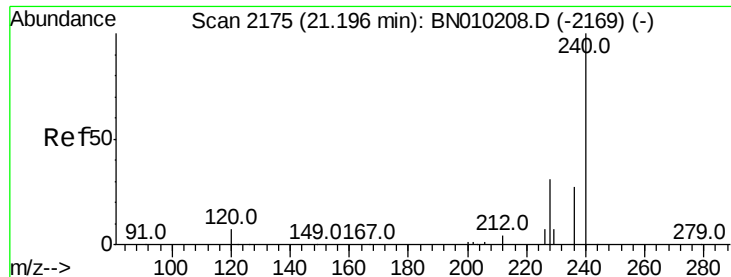


Abundance Ion 212.00 (211.70 to 212.70): E

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# 2173

Delta R.T. -0.01 min

Lab File: BN010255.D

Acq: 18 Mar 2020 08:10

Instrument :

BNA_N

ClientSampleId :

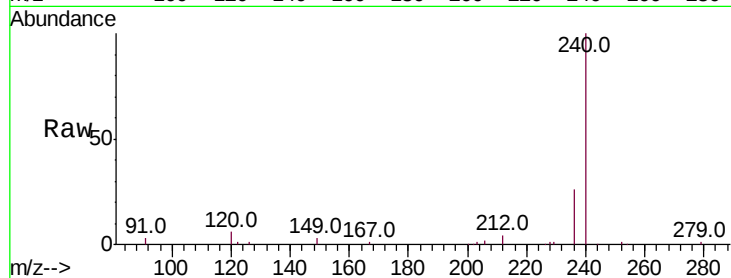
Tot Ion:240 Resp: 21806

Ion Ratio Lower Upper

240 100

120 5.7 7.7 11.5#

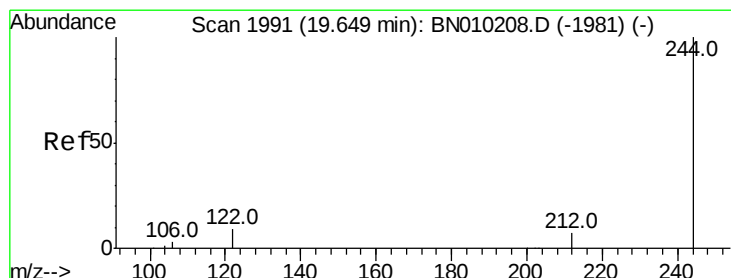
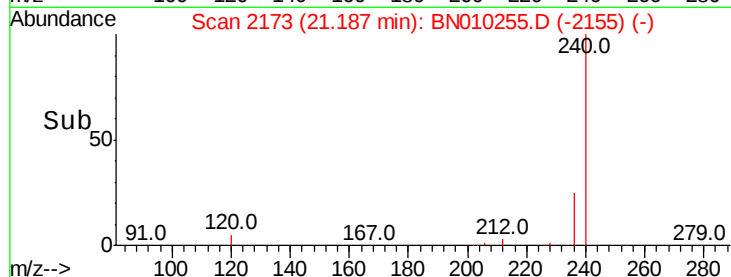
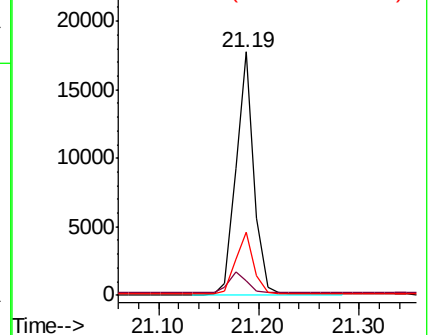
236 26.0 21.8 32.6



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: 0.565 ng

RT: 19.64 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BN010255.D

Acq: 18 Mar 2020 08:10

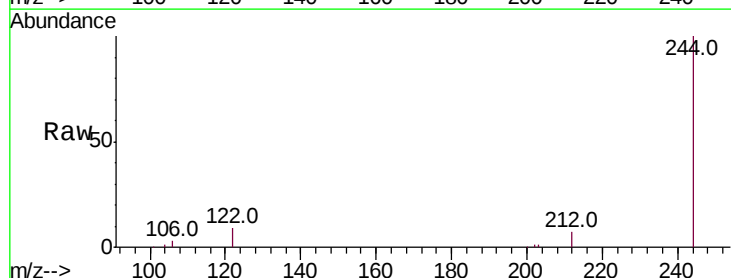
Tgt Ion:244 Resp: 28096

Ion Ratio Lower Upper

244 100

212 7.5 6.4 9.6

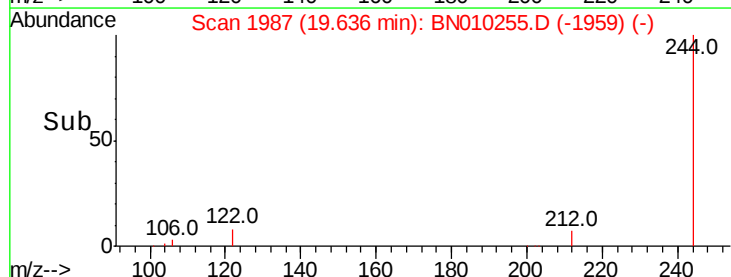
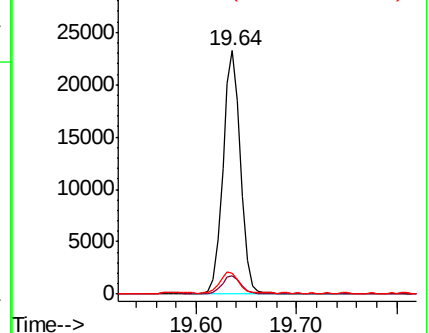
122 8.7 8.1 12.1

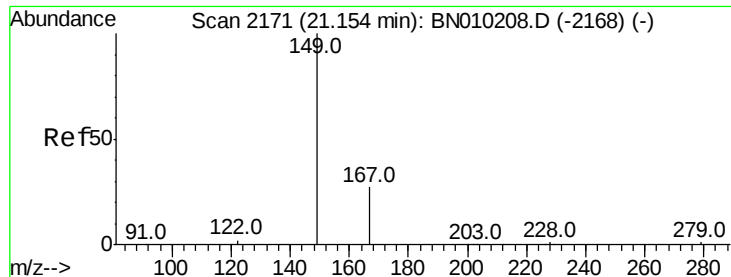


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.091 ng

RT: 21.13 min Scan# 2168

Delta R.T. -0.02 min

Lab File: BN010255.D

Acq: 18 Mar 2020 08:10

Instrument :

BNA_N

ClientSampleId :

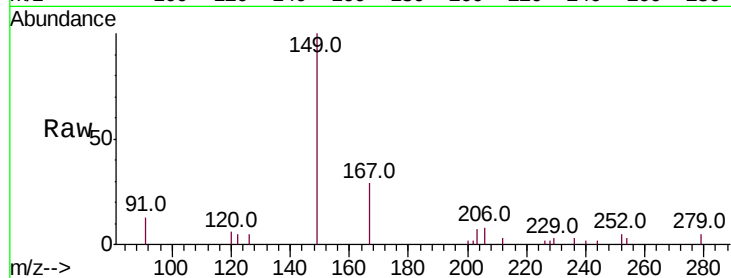
Tot Ion:149 Resp: 2886

Ion Ratio Lower Upper

149 100

167 28.3 21.0 31.4

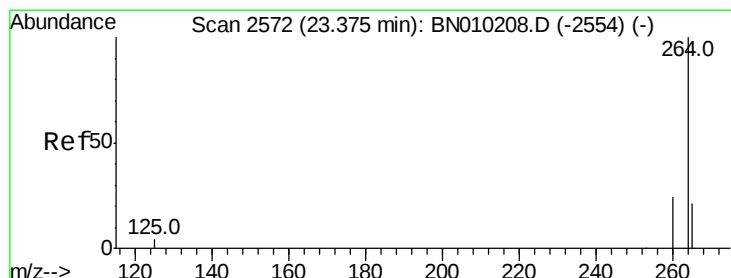
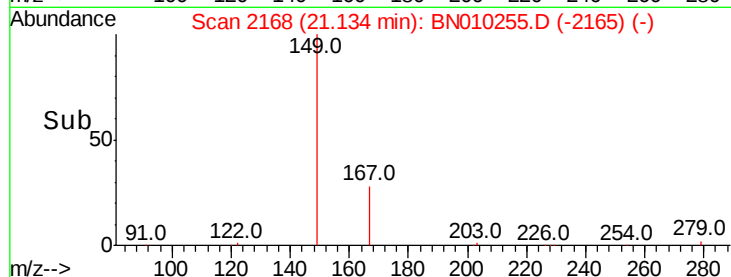
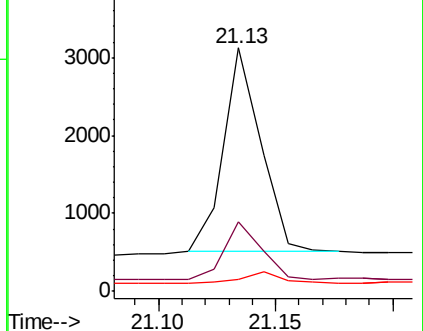
279 5.4 3.1 4.7#



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: 23.36 min Scan# 2566

Delta R.T. -0.02 min

Lab File: BN010255.D

Acq: 18 Mar 2020 08:10

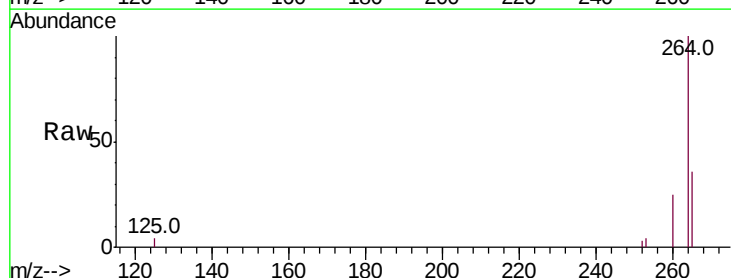
Tgt Ion:264 Resp: 23347

Ion Ratio Lower Upper

264 100

260 24.7 19.7 29.5

265 35.9 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

