

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061920\
 Data File : BN010993.D
 Acq On : 20 Jun 2020 07:23
 Operator : CG/JU
 Sample : L3043-16
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW201D-20200613

Quant Time: Jun 22 00:29:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 19 12:43:49 2020
 Response via : Initial Calibration

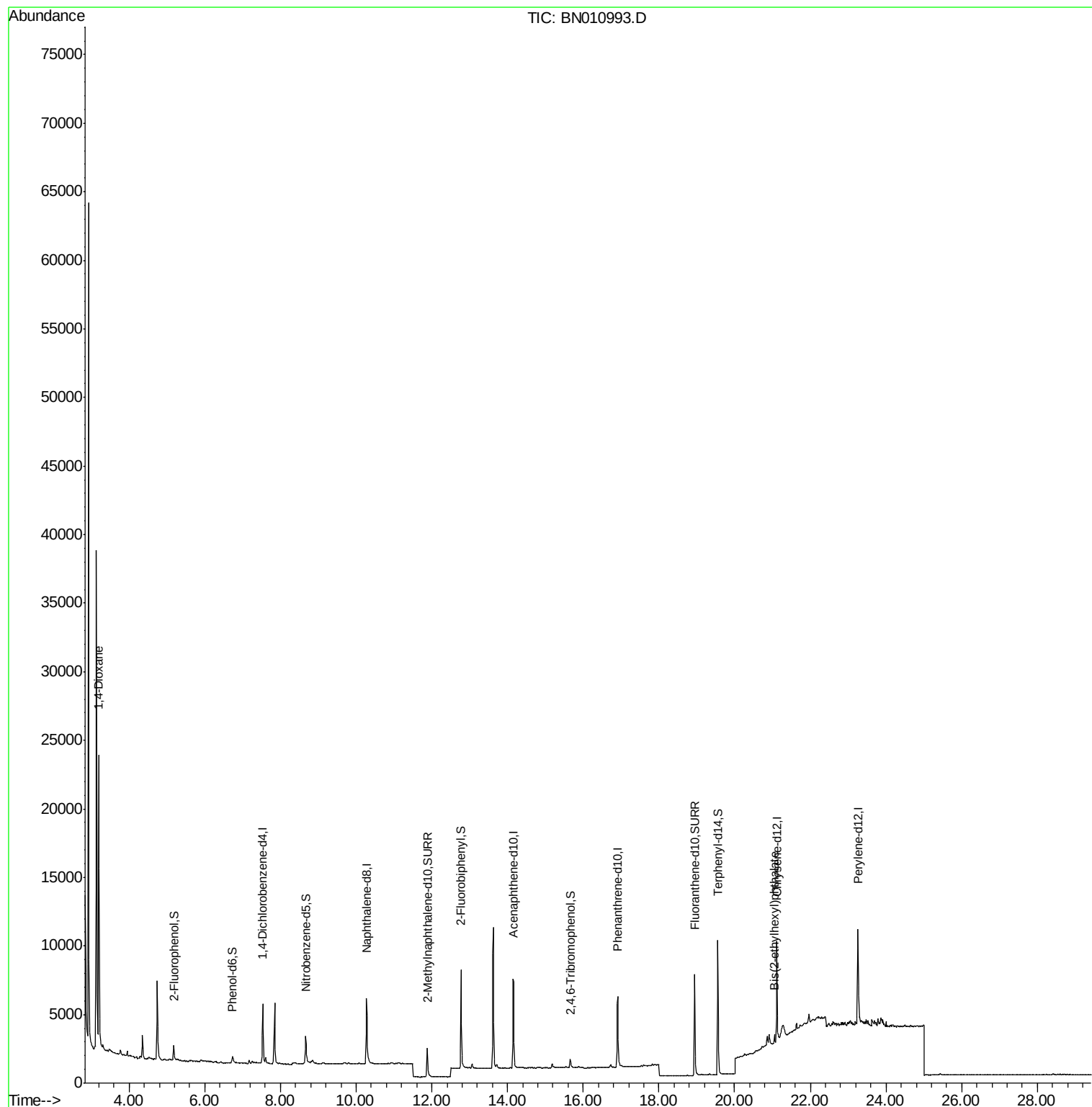
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	2340	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	7965	0.40	ng	0.00
13) Acenaphthene-d10	14.16	164	4377	0.40	ng	0.00
19) Phenanthrene-d10	16.91	188	8971	0.40	ng	0.01
27) Chrysene-d12	21.11	240	8536	0.40	ng	-0.01
34) Perylene-d12	23.26	264	9411	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	938	0.21	ng	0.00
5) Phenol-d6	6.73	99	594	0.11	ng	0.00
8) Nitrobenzene-d5	8.67	82	2468	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	11.88	152	3815	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.66	330	643	0.41	ng	0.01
15) 2-Fluorobiphenyl	12.78	172	7574	0.44	ng	0.00
25) Fluoranthene-d10	18.94	212	9578	0.39	ng	0.00
29) Terphenyl-d14	19.56	244	10700	0.54	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.20	88	14558	6.352	ng	99
32) Bis(2-ethylhexyl)phthalate	21.06	149	500	0.060	ng	# 98

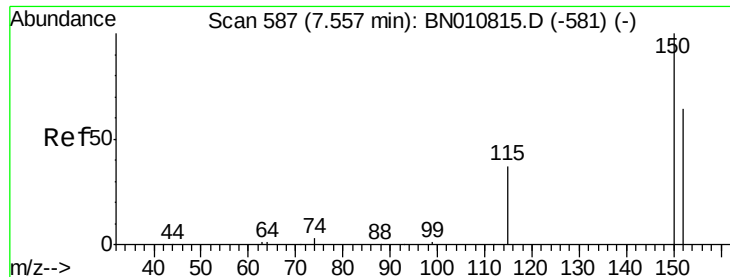
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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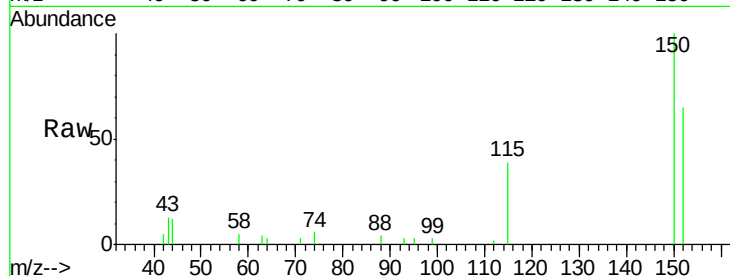


#1

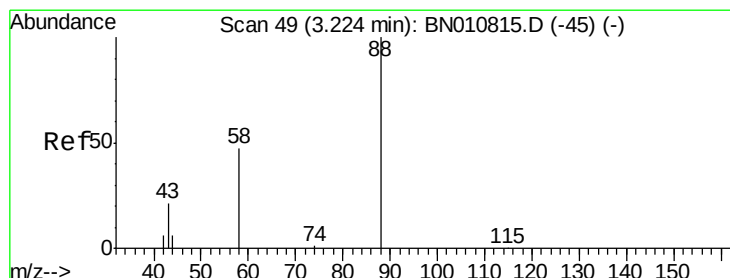
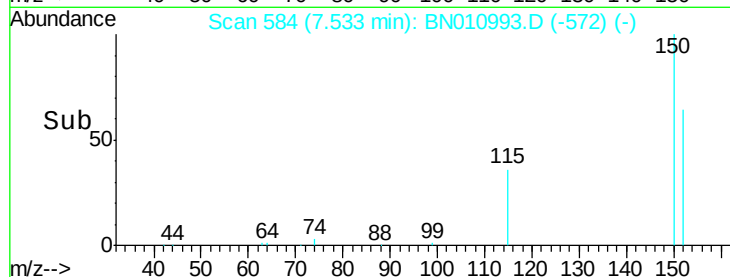
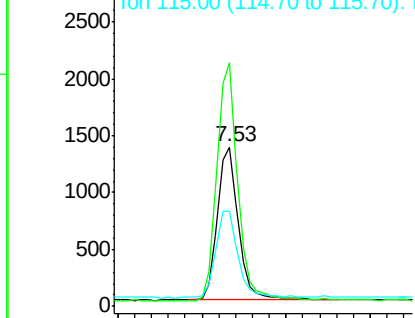
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.53 min Scan# 584
Delta R.T. -0.00 min
Lab File: BN010993.D
Acq: 20 Jun 2020 07:23

Instrument :
BNA_N
ClientSampleId :
MW201D-20200613

Tot Ion:152 Resp: 2340
Ion Ratio Lower Upper
152 100
150 153.0 123.8 185.6
115 59.8 49.2 73.8



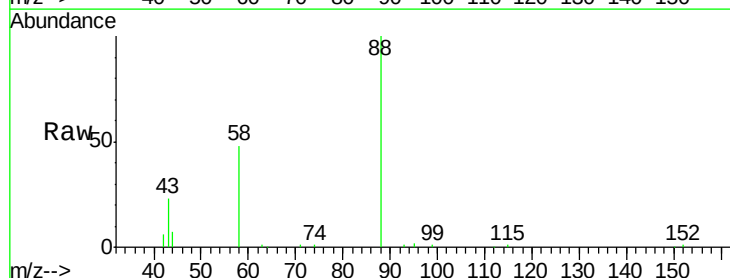
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



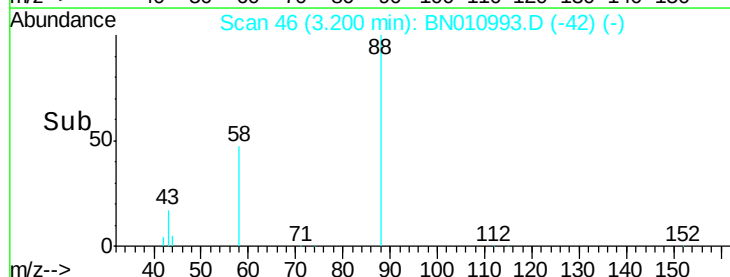
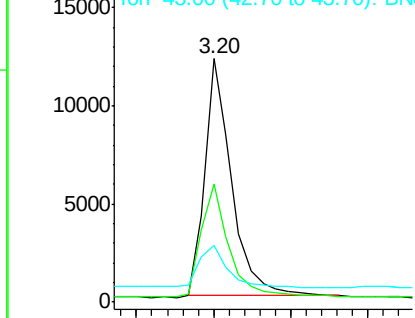
#2

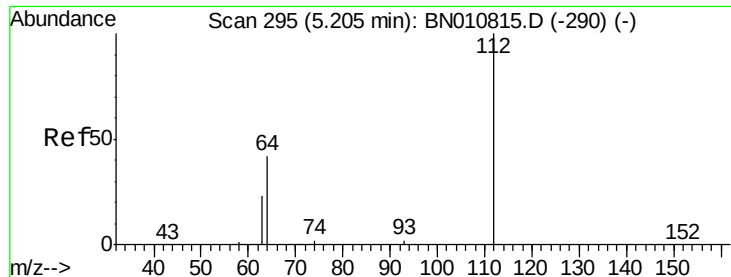
1,4-Dioxane
Concen: 6.352 ng
RT: 3.20 min Scan# 46
Delta R.T. -0.02 min
Lab File: BN010993.D
Acq: 20 Jun 2020 07:23

Tgt Ion: 88 Resp: 14558
Ion Ratio Lower Upper
88 100
58 47.2 38.2 57.4
43 19.0 15.1 22.7



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: 0.208 ng

RT: 5.18 min Scan# 292

Delta R.T. -0.00 min

Lab File: BN010993.D

Acq: 20 Jun 2020 07:23

Instrument :

BNA_N

ClientSampleId :

MW201D-20200613

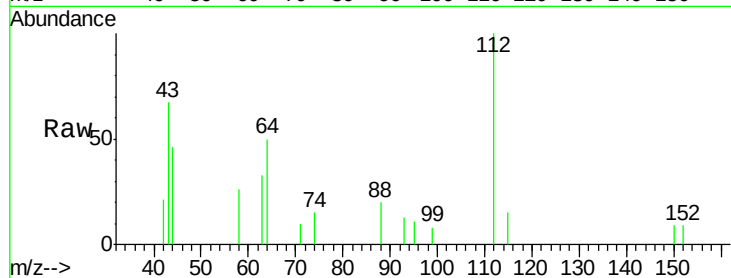
Tot Ion: 112 Resp: 938

Ion Ratio Lower Upper

112 100

64 47.4 37.4 56.0

63 24.9 22.2 33.4

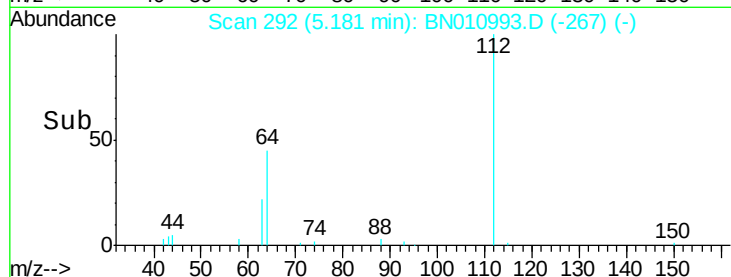


Abundance Ion 112.00 (111.70 to 112.70): B

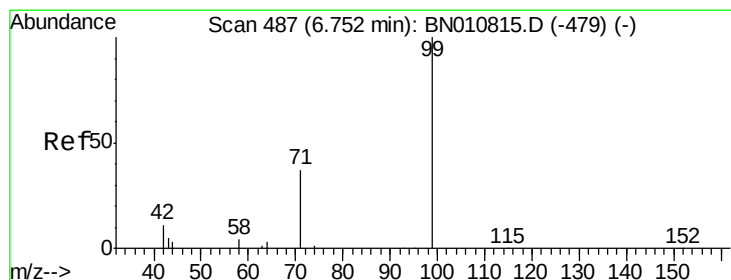
Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO

5.18



Time-->



#5

Phenol-d6

Concen: 0.112 ng

RT: 6.73 min Scan# 484

Delta R.T. -0.00 min

Lab File: BN010993.D

Acq: 20 Jun 2020 07:23

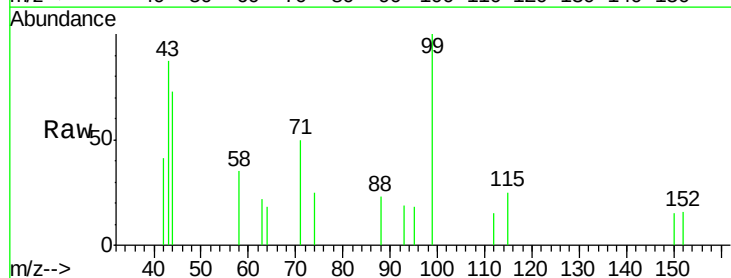
Tgt Ion: 99 Resp: 594

Ion Ratio Lower Upper

99 100

42 15.3 11.1 16.7

71 42.4 31.4 47.2

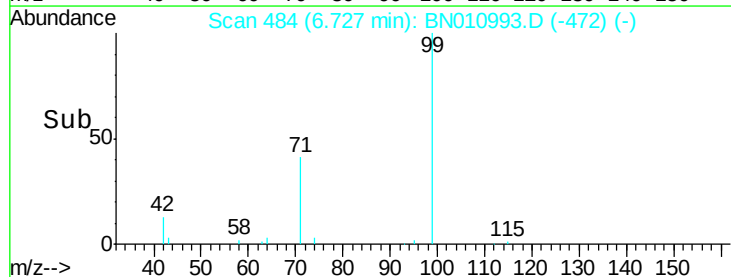


Abundance Ion 99.00 (98.70 to 99.70): BNO

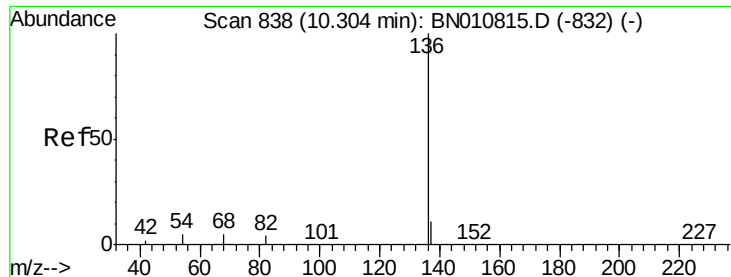
Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO

6.73



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.28 min Scan# 836

Delta R.T. -0.00 min

Lab File: BN010993.D

Acq: 20 Jun 2020 07:23

Instrument :

BNA_N

ClientSampleId :

MW201D-20200613

Tot Ion:136 Resp: 7965

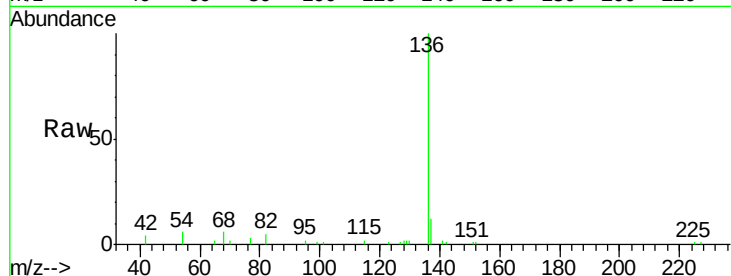
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.7	14.5
54	5.6	4.9	7.3
68	6.5	4.7	7.1

136 100

137 11.9 9.7 14.5

54 5.6 4.9 7.3

68 6.5 4.7 7.1

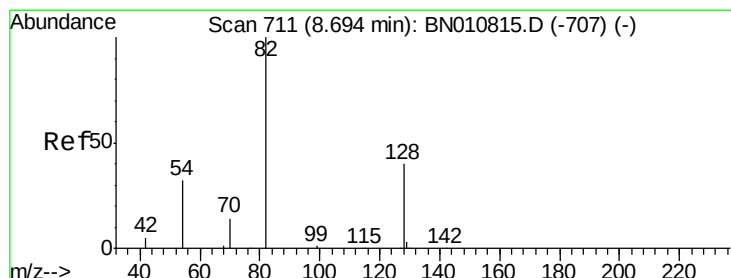
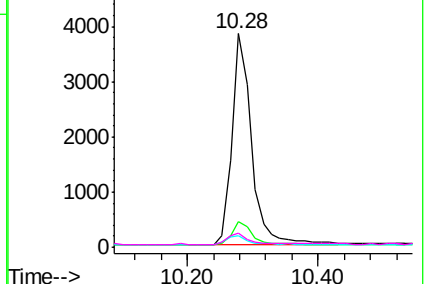
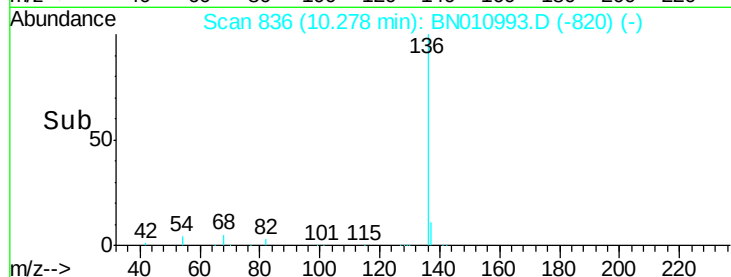


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.419 ng

RT: 8.67 min Scan# 709

Delta R.T. -0.00 min

Lab File: BN010993.D

Acq: 20 Jun 2020 07:23

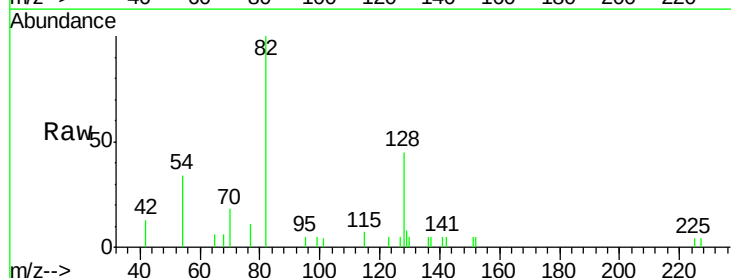
Tgt Ion: 82 Resp: 2468

Ion	Ratio	Lower	Upper
82	100		
128	45.1	35.4	53.0
54	34.2	28.2	42.4

82 100

128 45.1 35.4 53.0

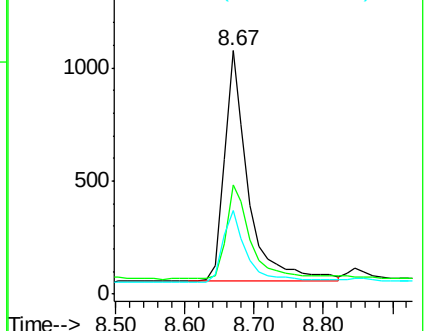
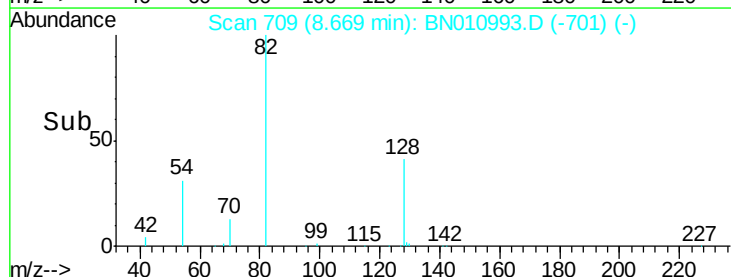
54 34.2 28.2 42.4

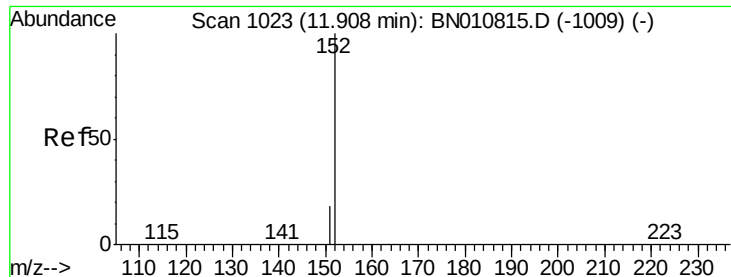


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

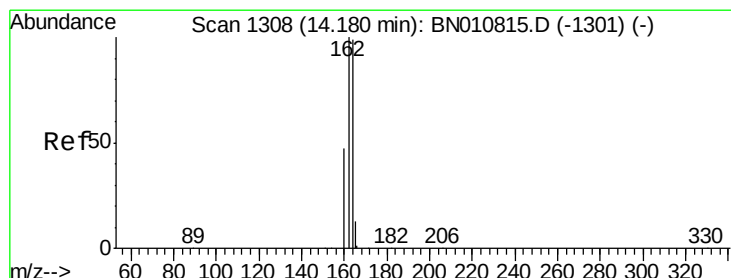
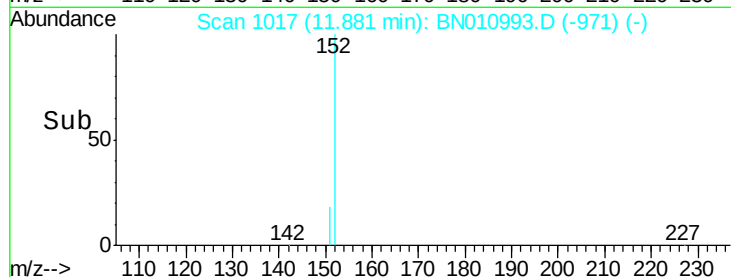
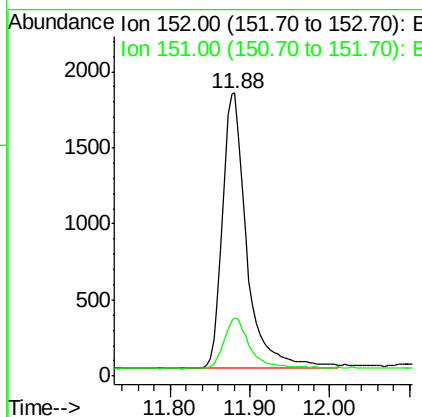
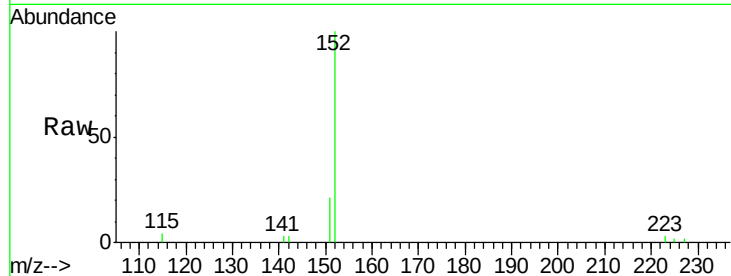




#11
2-Methylnaphthalene-d10
Concen: 0.309 ng
RT: 11.88 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BN010993.D
Acq: 20 Jun 2020 07:23

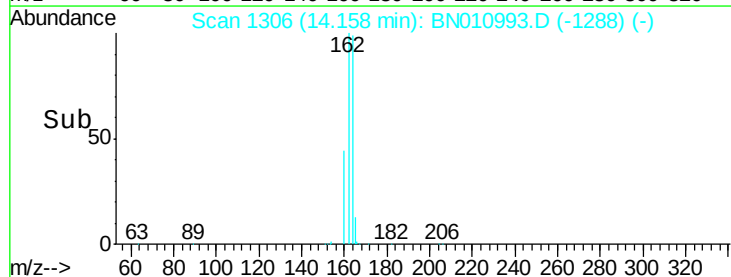
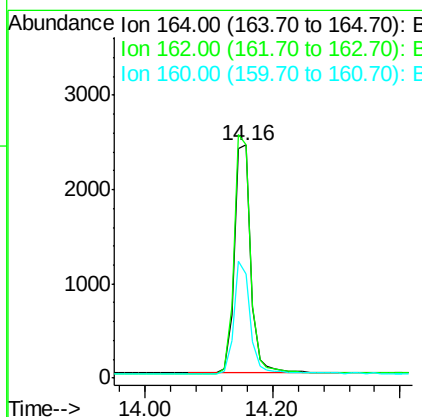
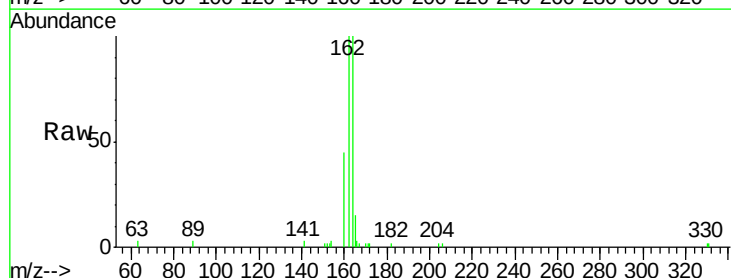
Instrument :
BNA_N
ClientSampleId :
MW201D-20200613

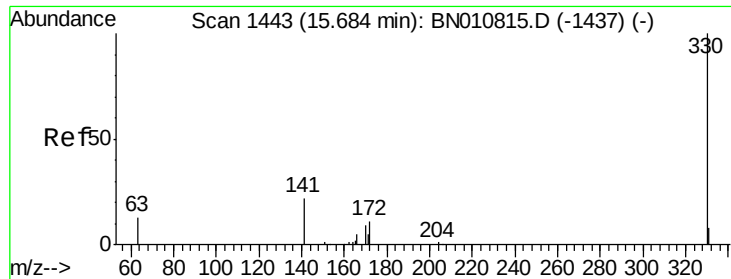
Tot Ion:152 Resp: 3815
Ion Ratio Lower Upper
152 100
151 19.4 15.3 22.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.16 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BN010993.D
Acq: 20 Jun 2020 07:23

Tgt Ion:164 Resp: 4377
Ion Ratio Lower Upper
164 100
162 100.2 81.0 121.6
160 44.8 38.9 58.3

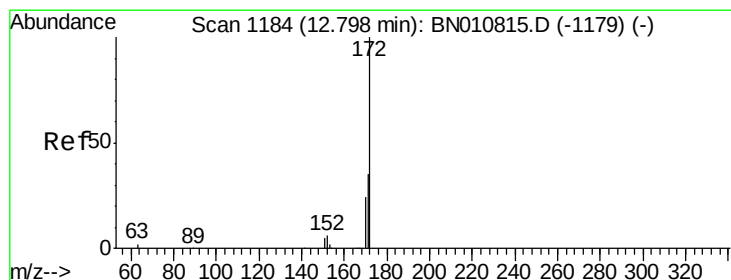
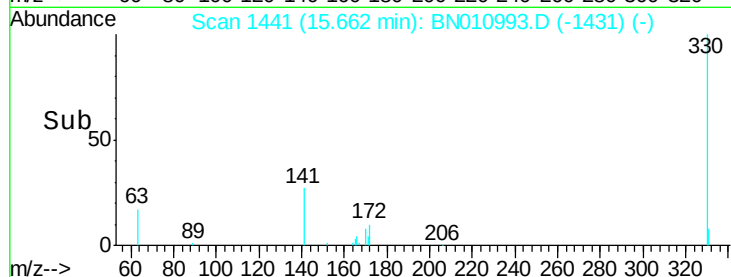
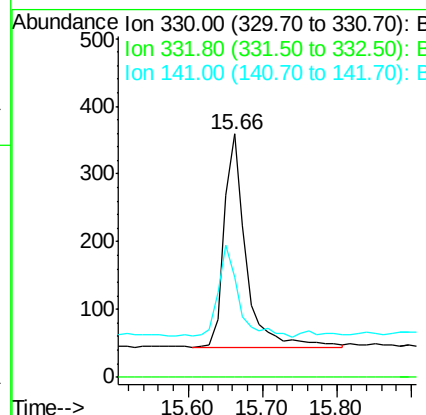
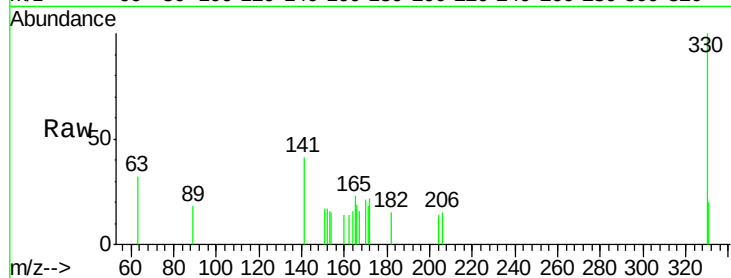




#14
 2,4,6-Tribromophenol
 Concen: 0.411 ng
 RT: 15.66 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BN010993.D
 Acq: 20 Jun 2020 07:23

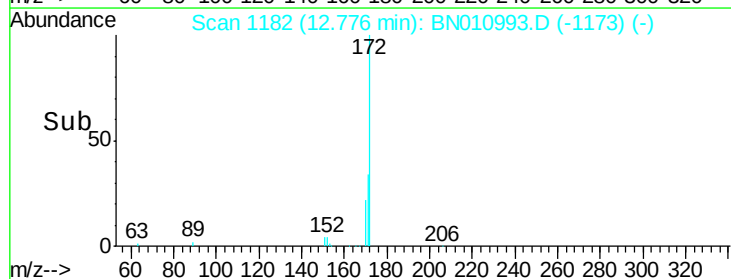
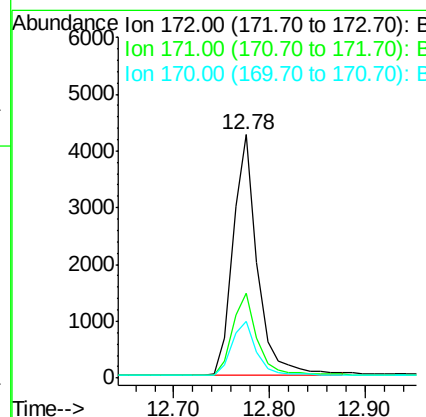
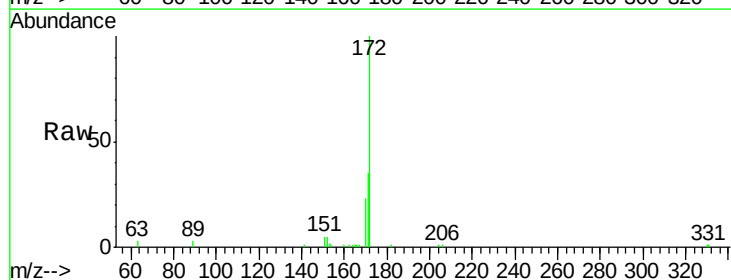
Instrument :
 BNA_N
 ClientSampleId :
 MW201D-20200613

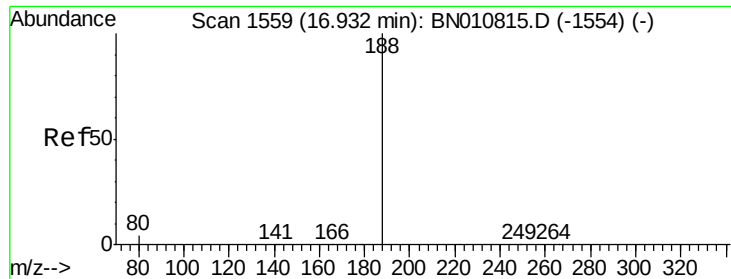
Tot Ion:330 Resp: 643
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 40.6 33.2 49.8



#15
 2-Fluorobiphenyl
 Concen: 0.439 ng
 RT: 12.78 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BN010993.D
 Acq: 20 Jun 2020 07:23

Tgt Ion:172 Resp: 7574
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.5 42.7
 170 23.2 19.7 29.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.91 min Scan# 1557

Delta R.T. 0.01 min

Lab File: BN010993.D

Acq: 20 Jun 2020 07:23

Instrument :

BNA_N

ClientSampleId :

MW201D-20200613

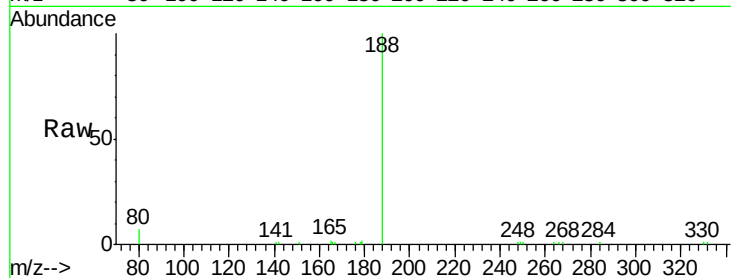
Tot Ion:188 Resp: 8971

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

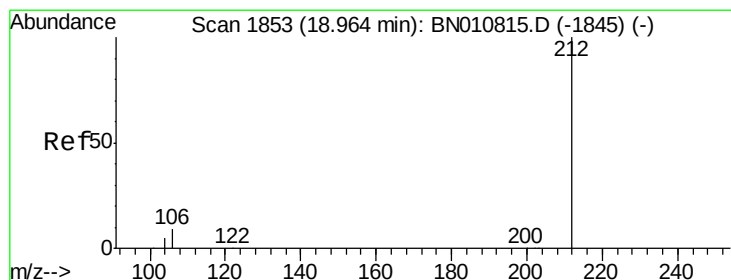
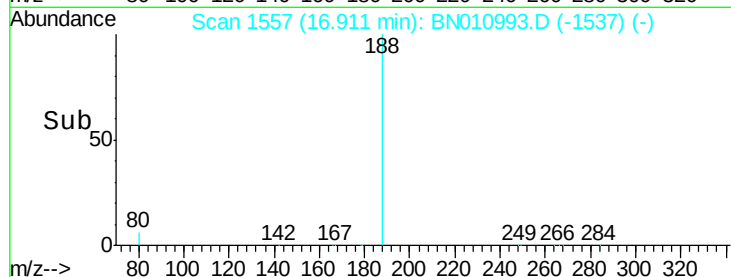
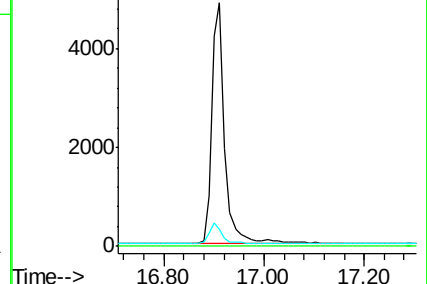
80 7.1 4.5 6.7#



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: 0.387 ng

RT: 18.94 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BN010993.D

Acq: 20 Jun 2020 07:23

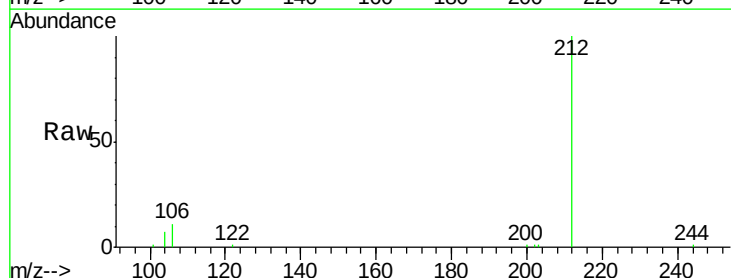
Tgt Ion:212 Resp: 9578

Ion Ratio Lower Upper

212 100

106 10.0 6.6 10.0#

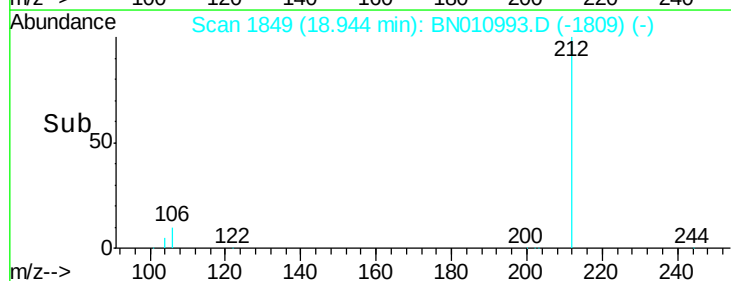
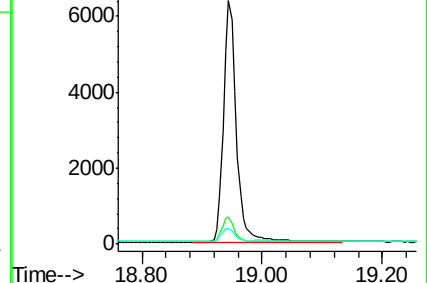
104 5.4 4.0 6.0

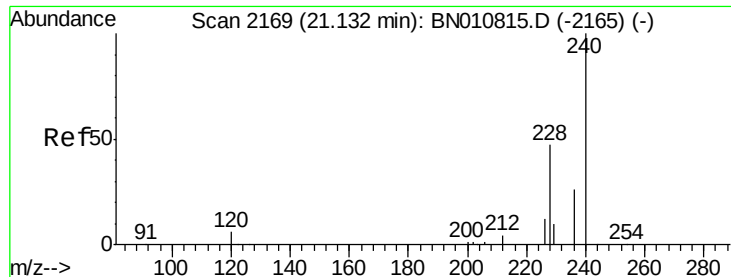


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

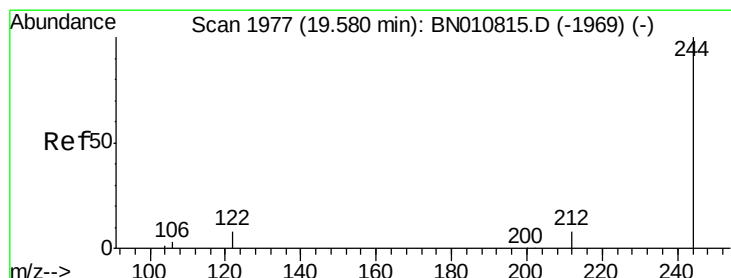
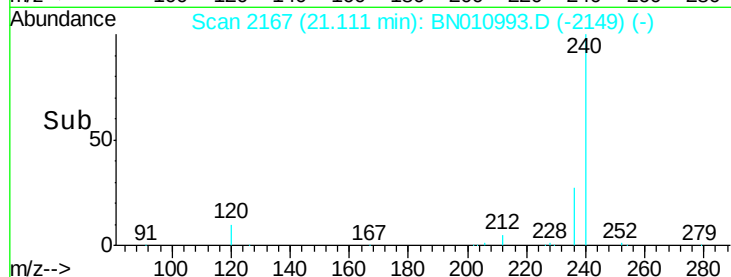
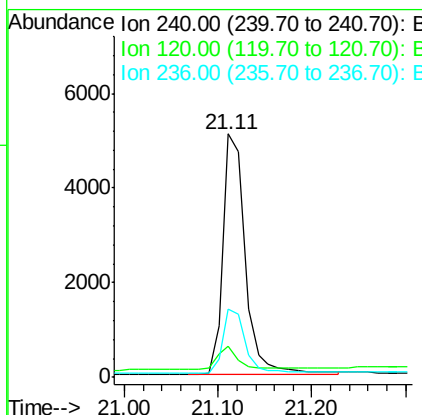
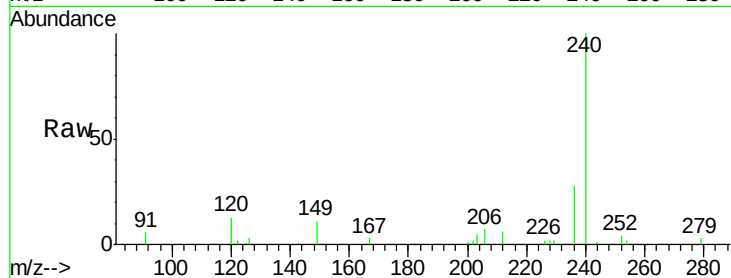




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.11 min Scan# 2167
 Delta R.T. -0.01 min
 Lab File: BN010993.D
 Acq: 20 Jun 2020 07:23

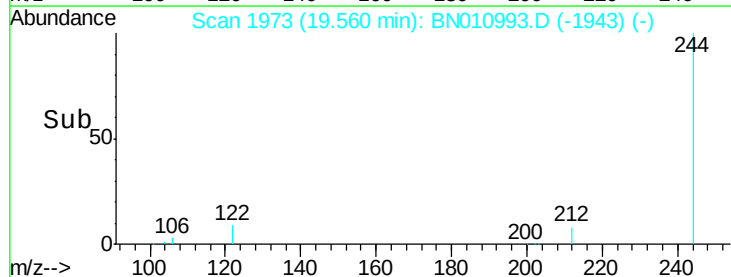
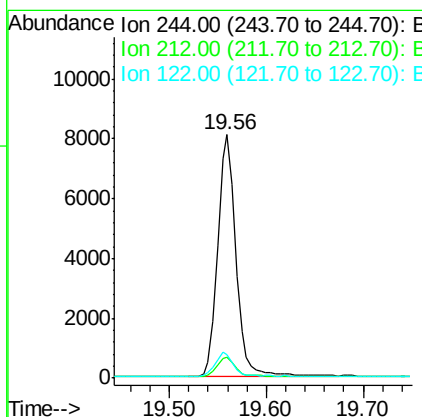
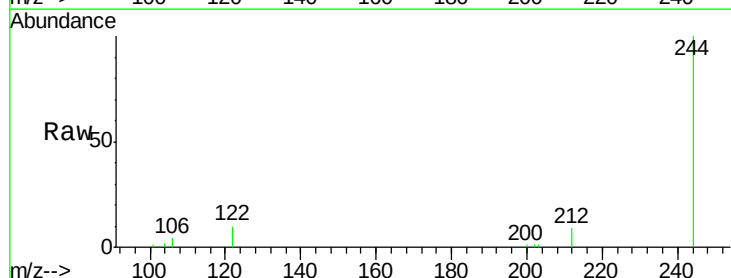
Instrument :
 BNA_N
 ClientSampleId :
 MW201D-20200613

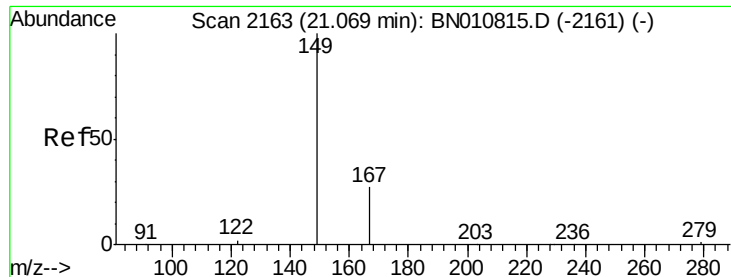
Tot Ion:240 Resp: 8536
 Ion Ratio Lower Upper
 240 100
 120 13.0 7.5 11.3#
 236 28.3 22.3 33.5



#29
 Terphenyl-d14
 Concen: 0.536 ng
 RT: 19.56 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: BN010993.D
 Acq: 20 Jun 2020 07:23

Tgt Ion:244 Resp: 10700
 Ion Ratio Lower Upper
 244 100
 212 8.5 7.4 11.2
 122 9.6 7.5 11.3

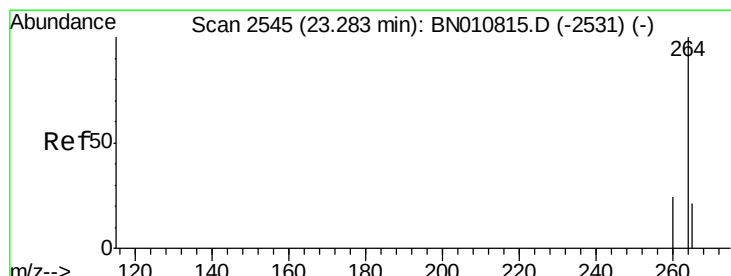
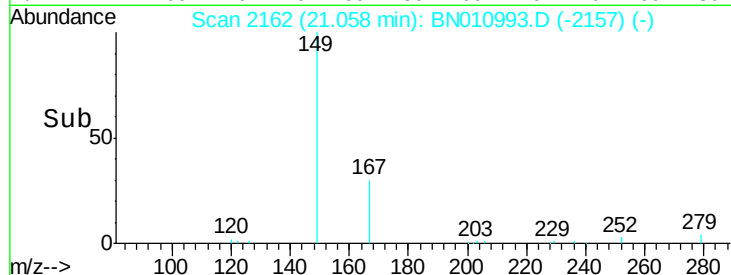
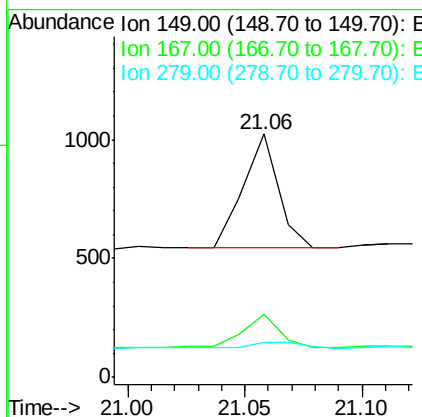
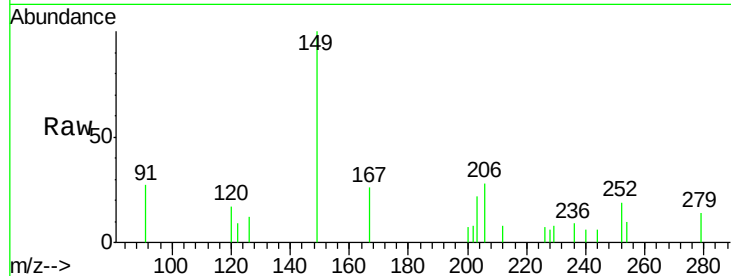




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.060 ng
 RT: 21.06 min Scan# 2162
 Delta R.T. -0.00 min
 Lab File: BN010993.D
 Acq: 20 Jun 2020 07:23

Instrument :
 BNA_N
 ClientSampleId :
 MW201D-20200613

Tot Ion:149 Resp: 500
 Ion Ratio Lower Upper
 149 100
 167 31.2 24.1 36.1
 279 7.2 4.6 7.0#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.26 min Scan# 2538
 Delta R.T. -0.00 min
 Lab File: BN010993.D
 Acq: 20 Jun 2020 07:23

Tgt Ion:264 Resp: 9411
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.4 30.6
 265 81.4 75.0 112.4

