

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091319\
 Data File : BN007639.D
 Acq On : 13 Sep 2019 22:24
 Operator : HP/JU
 Sample : K4836-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-1

Quant Time: Sep 14 03:02:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:27:51 2019
 Response via : Initial Calibration

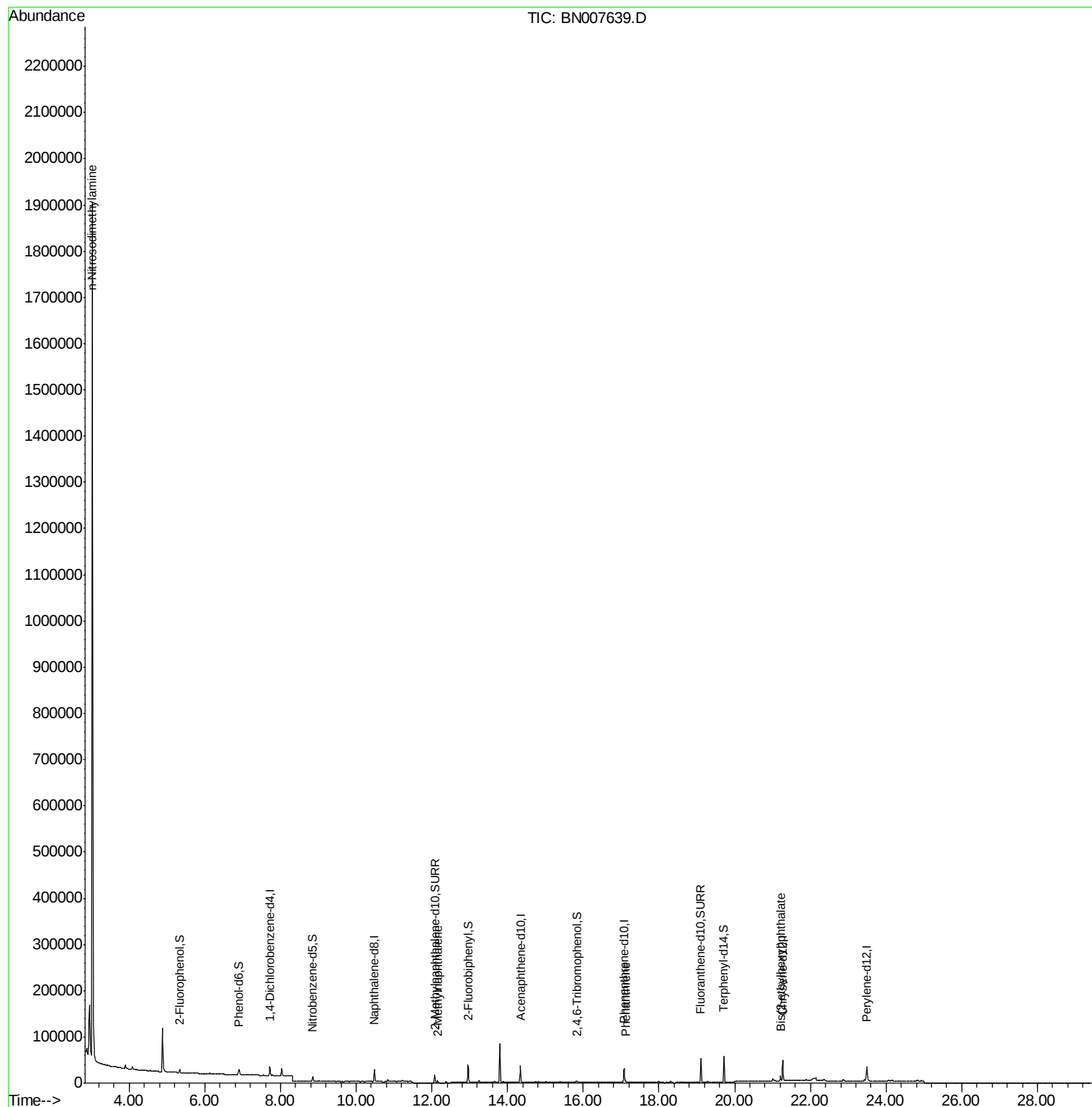
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	9341	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	36049	0.40	ng	-0.01
13) Acenaphthene-d10	14.34	164	20218	0.40	ng	0.00
19) Phenanthrene-d10	17.08	188	41987	0.40	ng	0.00
27) Chrysene-d12	21.27	240	41611	0.40	ng	-0.01
34) Perylene-d12	23.49	264	43162	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	5306	0.18	ng	0.00
5) Phenol-d6	6.89	99	5352	0.15	ng	0.00
8) Nitrobenzene-d5	8.85	82	10988	0.38	ng	-0.01
11) 2-Methylnaphthalene-d10	12.08	152	24367	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	2360	0.31	ng	0.00
15) 2-Fluorobiphenyl	12.95	172	34131	0.39	ng	-0.01
25) Fluoranthene-d10	19.11	212	59329	0.45	ng	0.00
29) Terphenyl-d14	19.72	244	57215	0.52	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.03	42	150490	29.630	ng	# 1
12) 2-Methylnaphthalene	12.15	142	3796	0.055	ng	95
23) Phenanthrene	17.11	178	3273	0.025	ng	# 91
32) Bis(2-ethylhexyl)phthalate	21.21	149	8661	0.173	ng	99

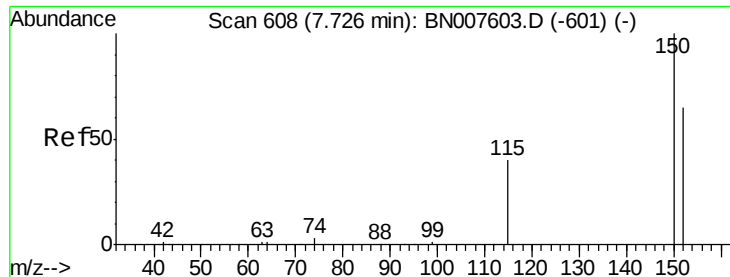
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 14 03:02:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:27:51 2019
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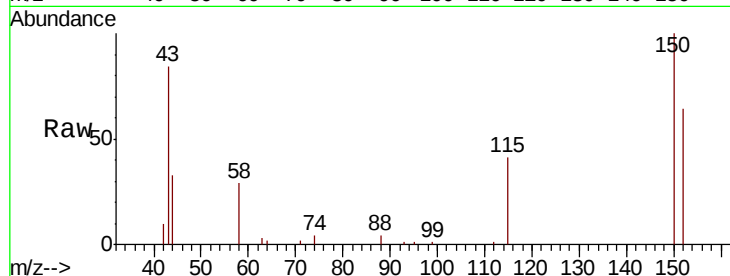


#1

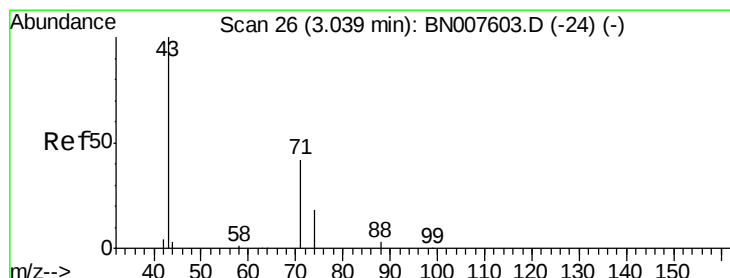
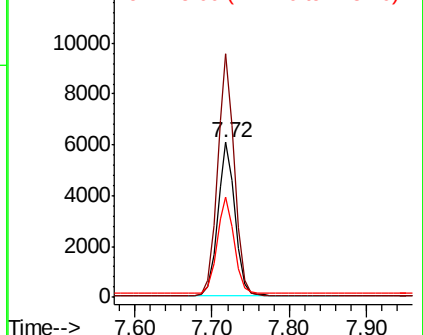
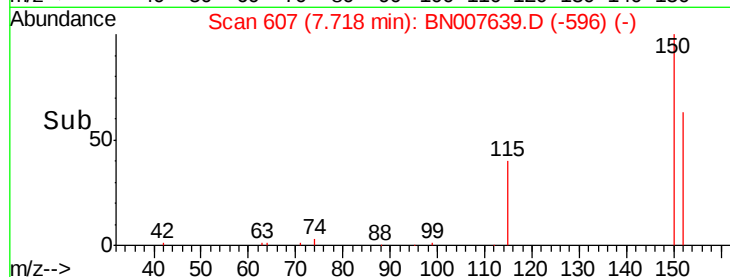
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 607
Delta R.T. -0.01 min
Lab File: BN007639.D
Acq: 13 Sep 2019 22:24

Instrument :
BNA_N
ClientSampleId :
MW-1

Tot Ion:152 Resp: 9341
Ion Ratio Lower Upper
152 100
150 157.2 122.4 183.6
115 64.7 50.4 75.6



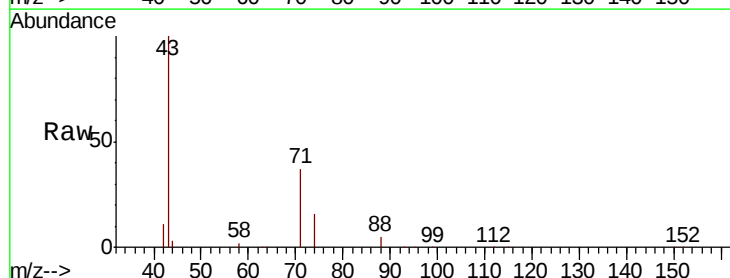
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



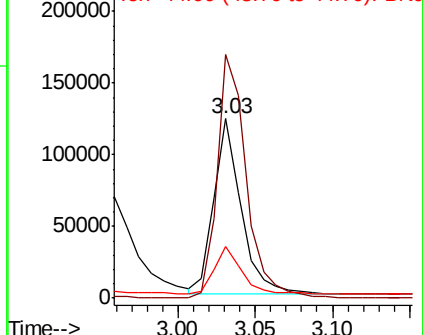
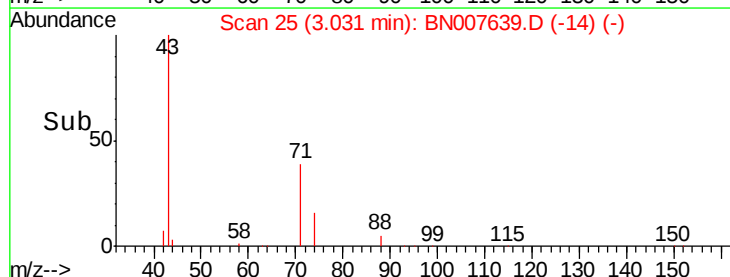
#3

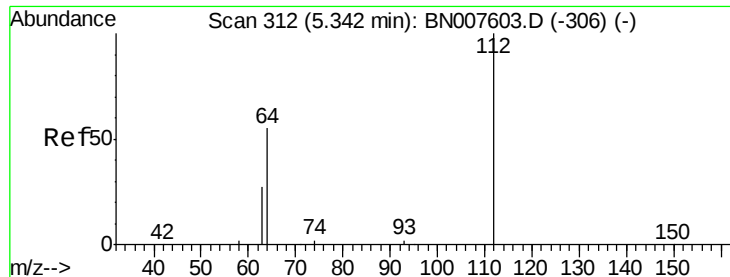
n-Nitrosodimethylamine
Concen: 29.630 ng
RT: 3.03 min Scan# 25
Delta R.T. -0.01 min
Lab File: BN007639.D
Acq: 13 Sep 2019 22:24

Tgt Ion: 42 Resp: 150490
Ion Ratio Lower Upper
42 100
74 146.9 9.8 14.8#
44 26.8 0.0 0.0#



Abundance Ion 42.00 (41.70 to 42.70): BNC
Ion 74.00 (73.70 to 74.70): BNC
Ion 44.00 (43.70 to 44.70): BNC





#4

2-Fluorophenol

Concen: 0.177 ng

RT: 5.33 min Scan# 311

Delta R.T. -0.01 min

Lab File: BN007639.D

Acq: 13 Sep 2019 22:24

Instrument :

BNA_N

ClientSampleId :

MW-1

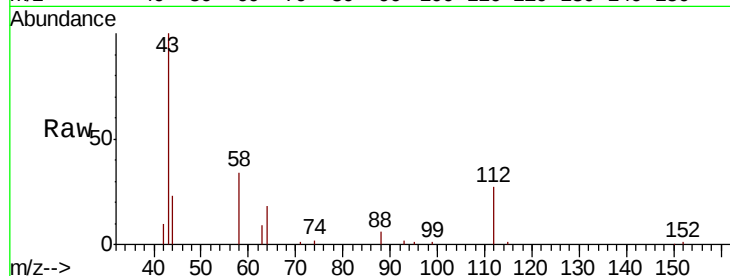
Tot Ion:112 Resp: 5306

Ion Ratio Lower Upper

112 100

64 59.4 48.5 72.7

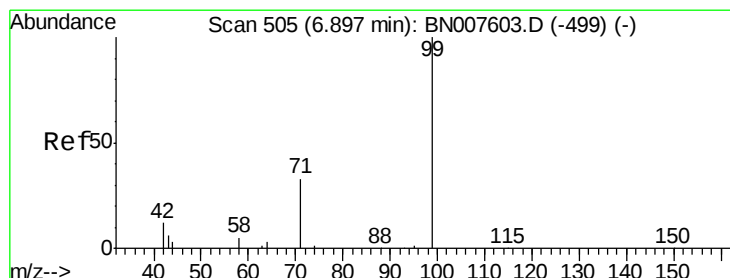
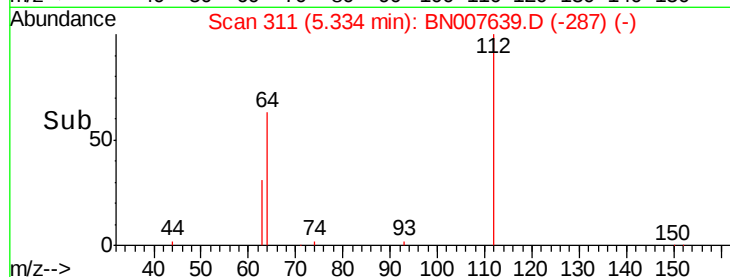
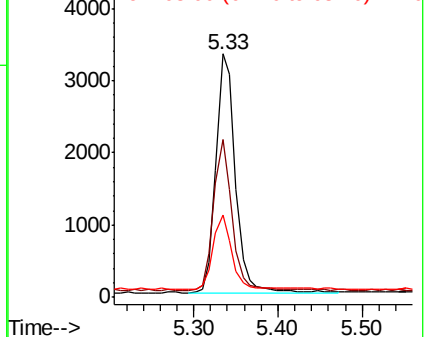
63 29.5 24.4 36.6



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: 0.152 ng

RT: 6.89 min Scan# 504

Delta R.T. -0.01 min

Lab File: BN007639.D

Acq: 13 Sep 2019 22:24

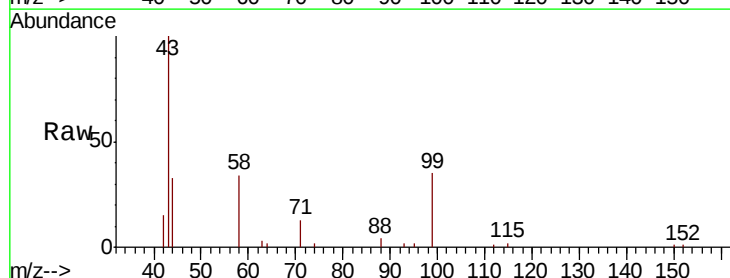
Tgt Ion: 99 Resp: 5352

Ion Ratio Lower Upper

99 100

42 27.3 11.8 17.6#

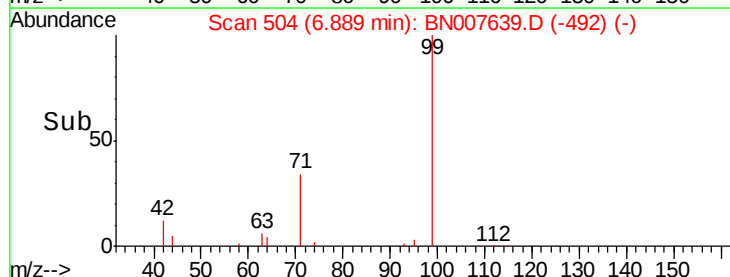
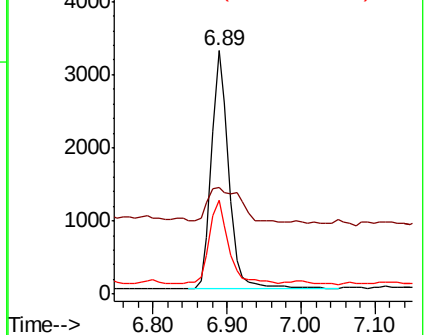
71 38.1 28.0 42.0

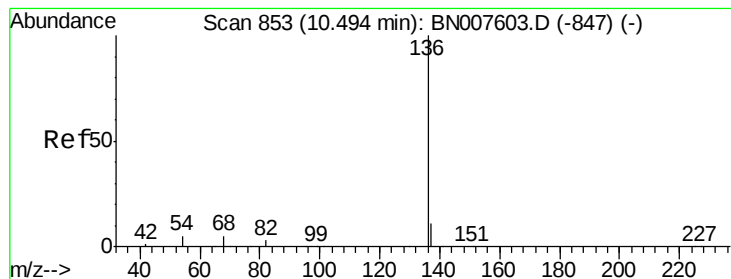


Abundance Ion 99.00 (98.70 to 99.70): BNC

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: 10.48 min Scan# 852

Delta R.T. -0.01 min

Lab File: BN007639.D

Acq: 13 Sep 2019 22:24

Instrument :

BNA_N

ClientSampleId :

MW-1

Tot Ion:136 Resp: 36049

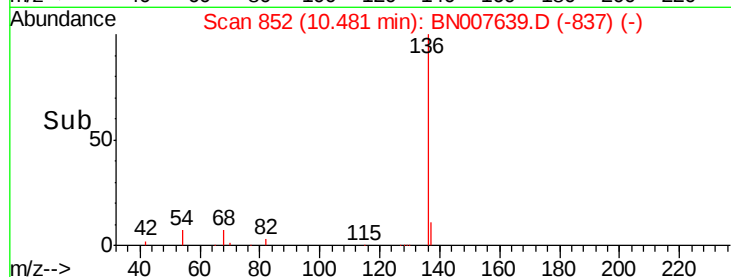
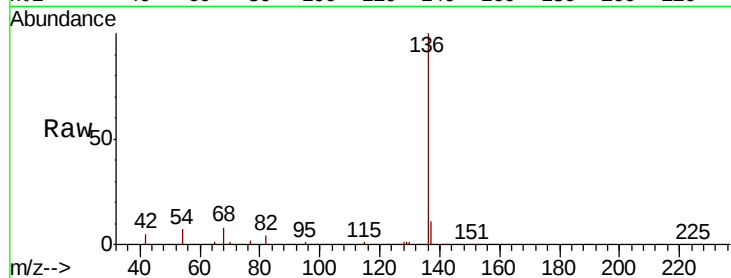
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.5 4.2 6.4#

68 8.0 4.6 7.0#



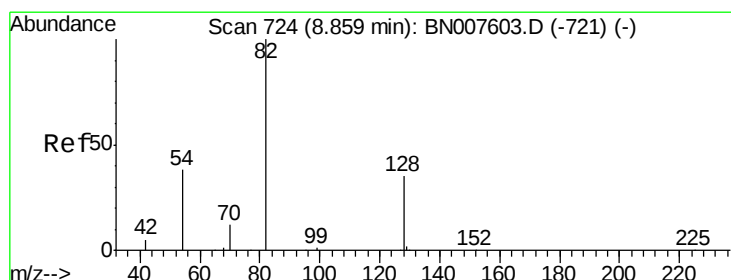
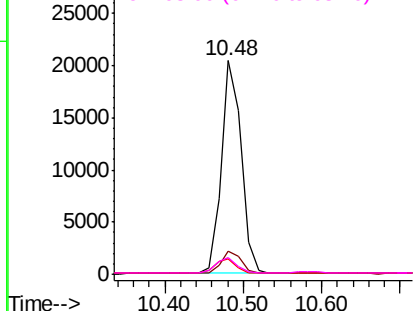
Abundance

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: 0.382 ng

RT: 8.85 min Scan# 723

Delta R.T. -0.01 min

Lab File: BN007639.D

Acq: 13 Sep 2019 22:24

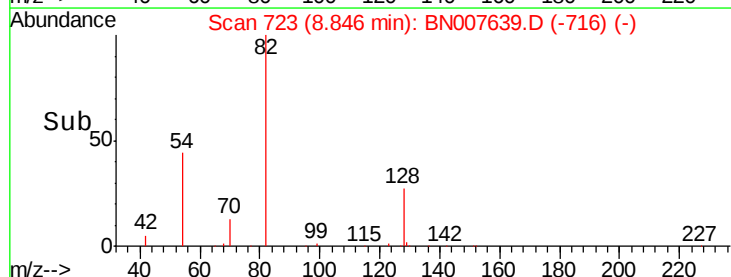
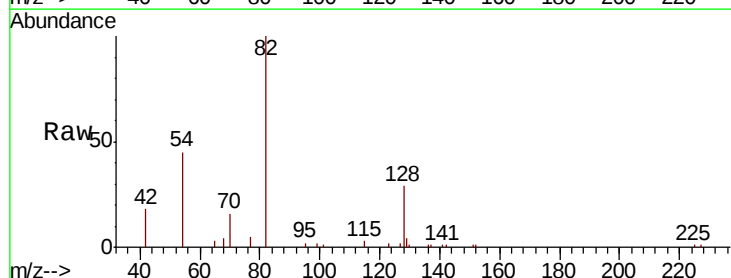
Tgt Ion: 82 Resp: 10988

Ion Ratio Lower Upper

82 100

128 28.6 27.9 41.9

54 45.0 30.9 46.3

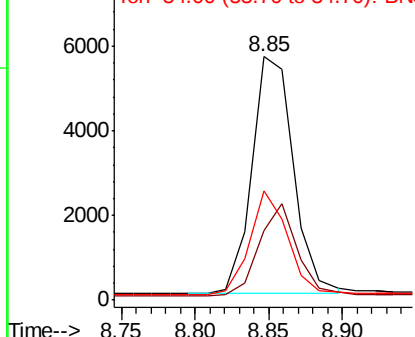


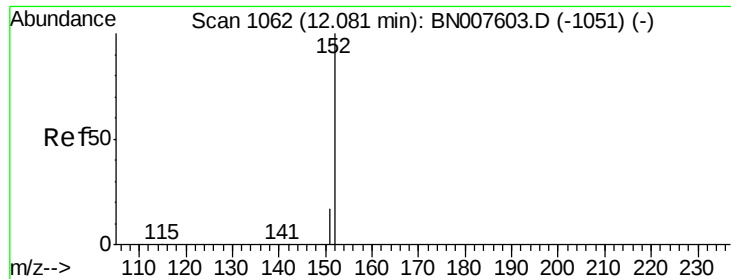
Abundance

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

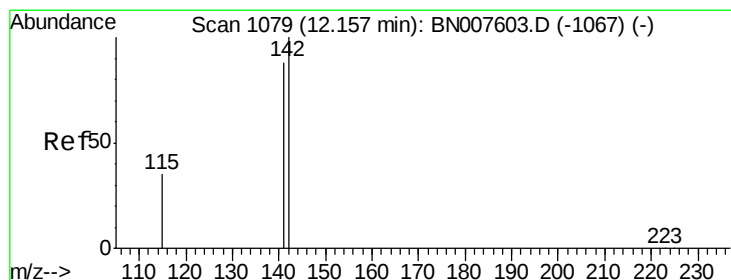
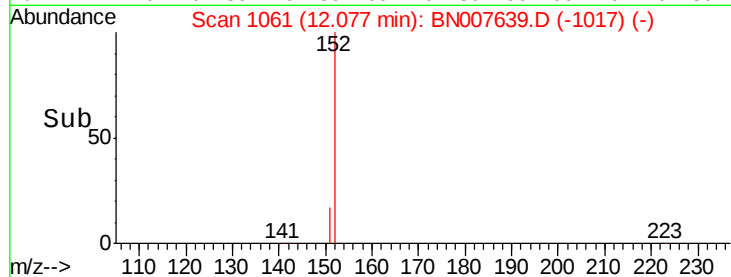
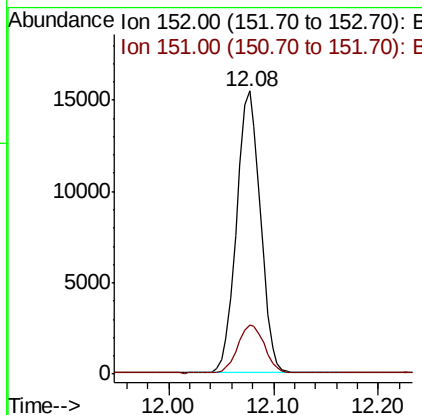
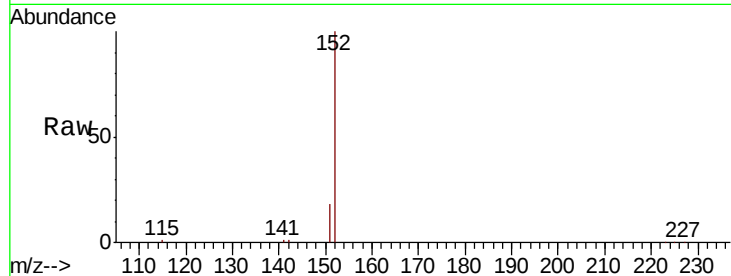




#11
 2-Methylnaphthalene-d10
 Concen: 0.399 ng
 RT: 12.08 min Scan# 1061
 Delta R.T. -0.00 min
 Lab File: BN007639.D
 Acq: 13 Sep 2019 22:24

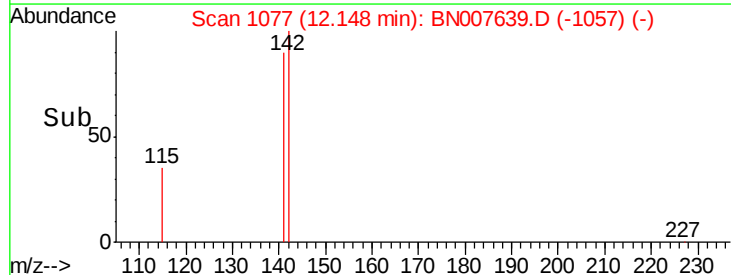
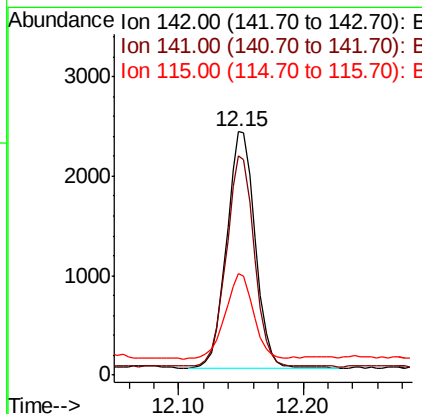
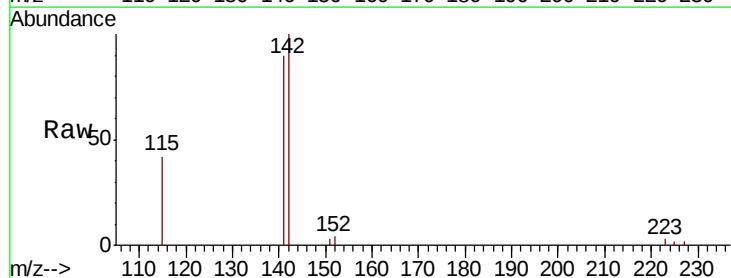
Instrument :
 BNA_N
 ClientSampleId :
 MW-1

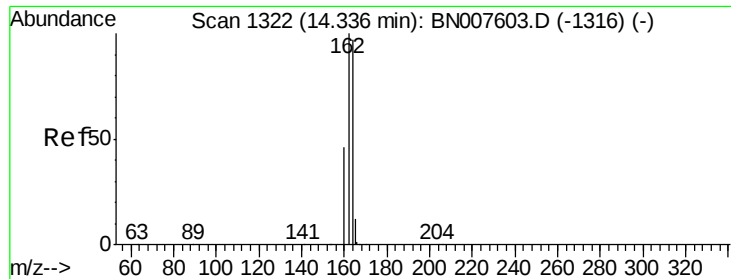
Tot Ion:152 Resp: 24367
 Ion Ratio Lower Upper
 152 100
 151 19.2 15.3 22.9



#12
 2-Methylnaphthalene
 Concen: 0.055 ng
 RT: 12.15 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: BN007639.D
 Acq: 13 Sep 2019 22:24

Tgt Ion:142 Resp: 3796
 Ion Ratio Lower Upper
 142 100
 141 90.1 70.5 105.7
 115 41.7 28.4 42.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.34 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BN007639.D

Acq: 13 Sep 2019 22:24

Instrument :

BNA_N

ClientSampleId :

MW-1

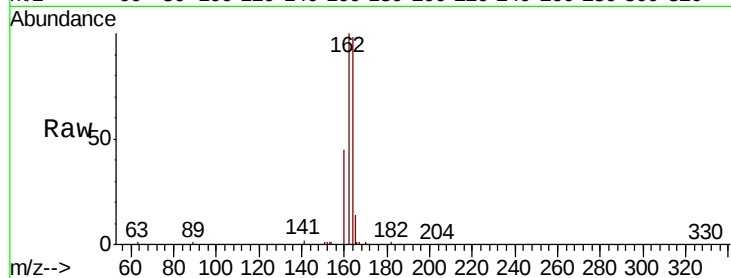
Tot Ion:164 Resp: 20218

Ion Ratio Lower Upper

164 100

162 101.8 82.8 124.2

160 45.4 38.0 57.0

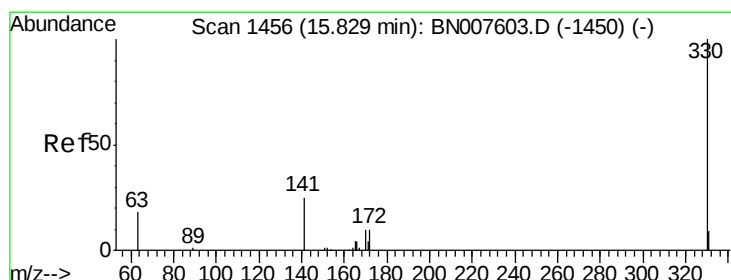
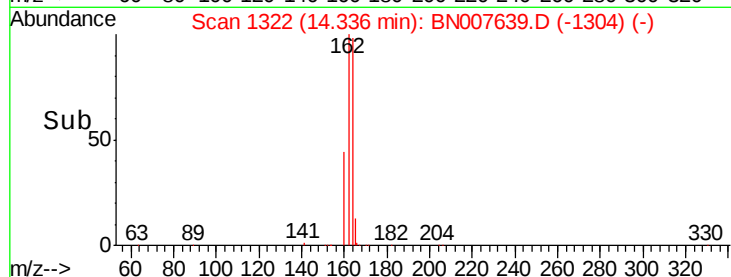
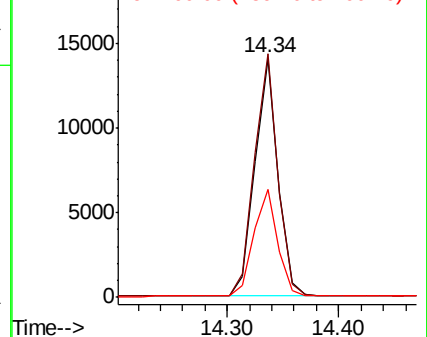


Abundance

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: 0.309 ng

RT: 15.83 min Scan# 1456

Delta R.T. -0.00 min

Lab File: BN007639.D

Acq: 13 Sep 2019 22:24

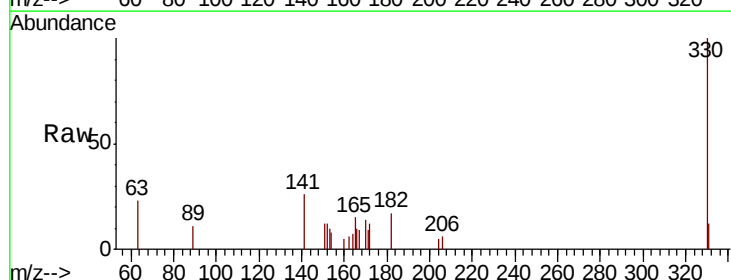
Tgt Ion:330 Resp: 2360

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 40.3 30.1 45.1

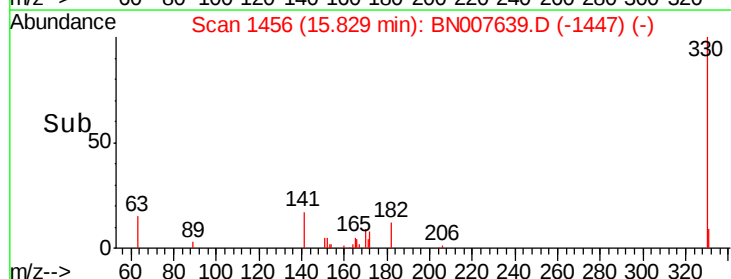
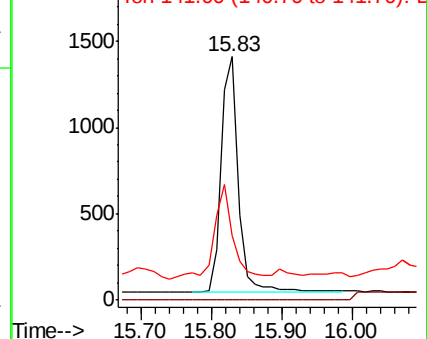


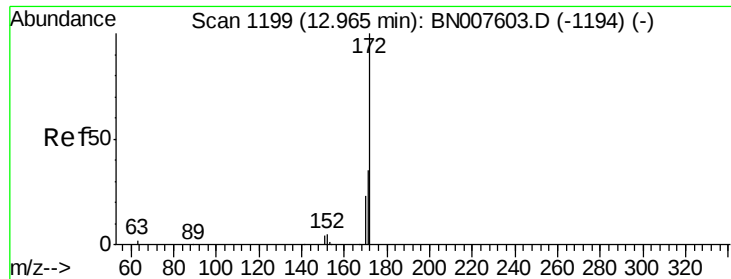
Abundance

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

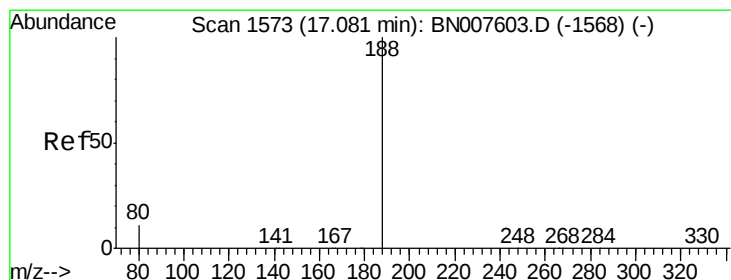
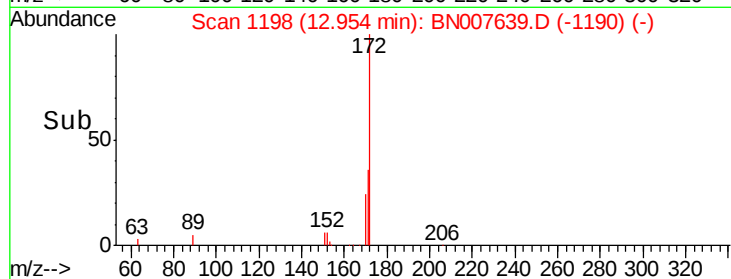
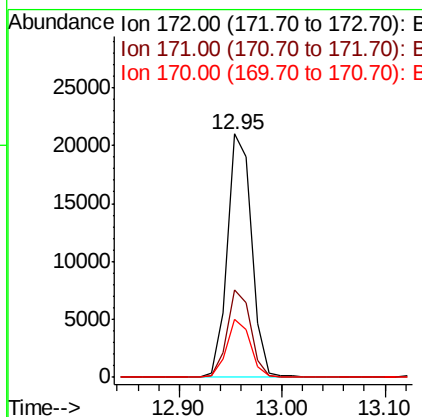
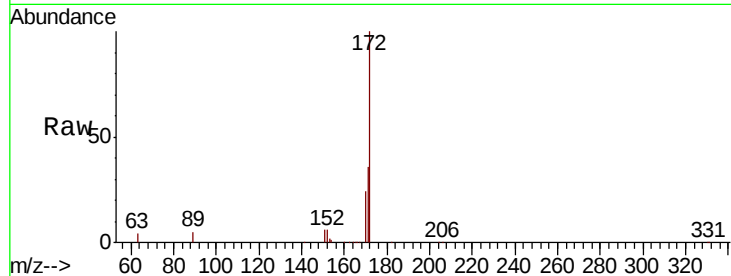




#15
2-Fluorobiphenyl
Concen: 0.387 ng
RT: 12.95 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BN007639.D
Acq: 13 Sep 2019 22:24

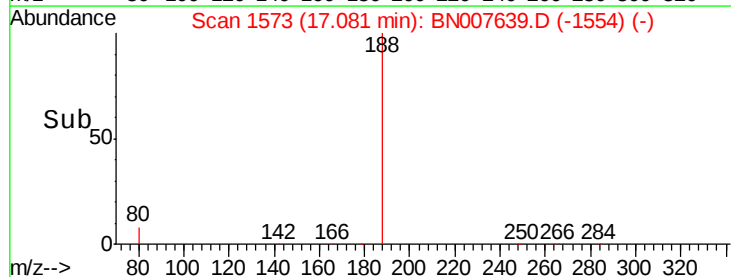
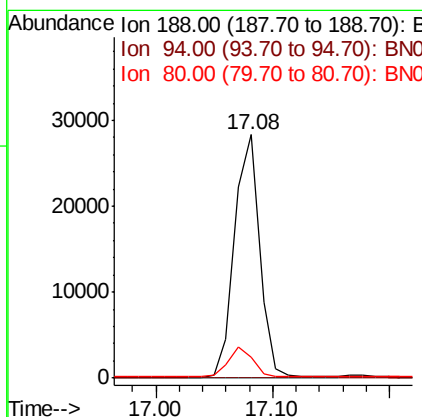
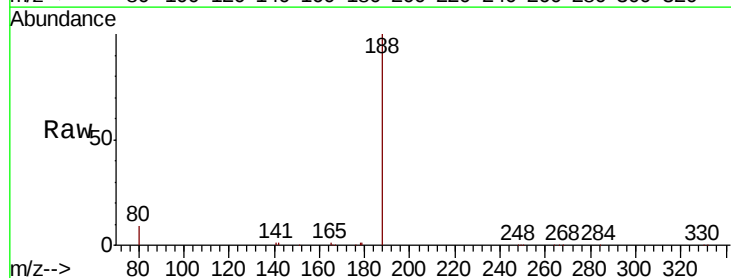
Instrument :
BNA_N
ClientSampled :
MW-1

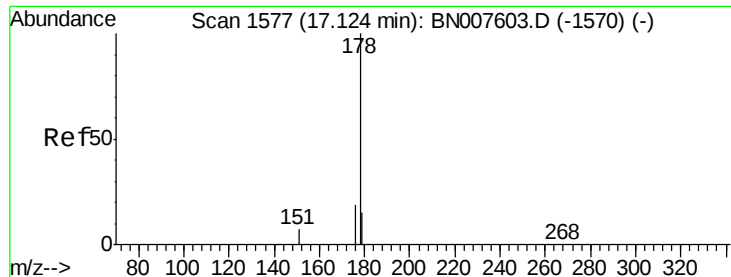
Tot Ion:172 Resp: 34131
Ion Ratio Lower Upper
172 100
171 36.1 27.9 41.9
170 24.0 18.5 27.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BN007639.D
Acq: 13 Sep 2019 22:24

Tgt Ion:188 Resp: 41987
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.5 8.8 13.2#





#23

Phenanthrene

Concen: 0.025 ng

RT: 17.11 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BN007639.D

Acq: 13 Sep 2019 22:24

Instrument :

BNA_N

ClientSampled :

MW-1

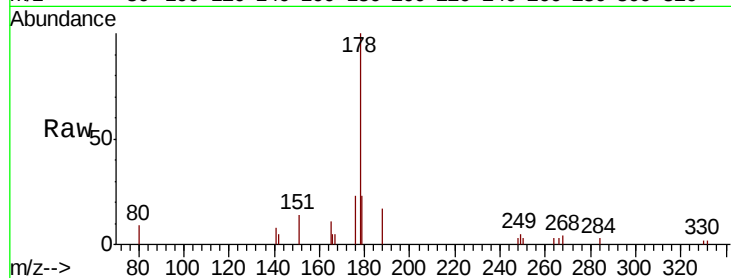
Tot Ion:178 Resp: 3273

Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.6

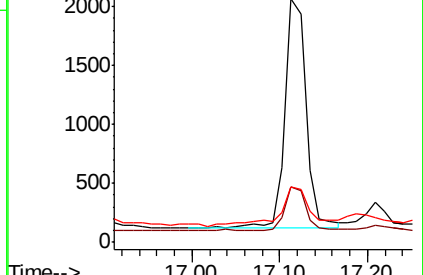
179 23.5 12.4 18.6#



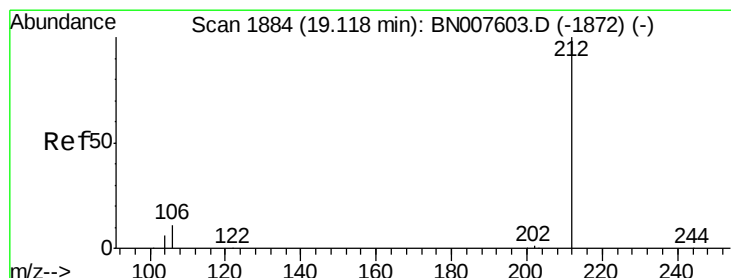
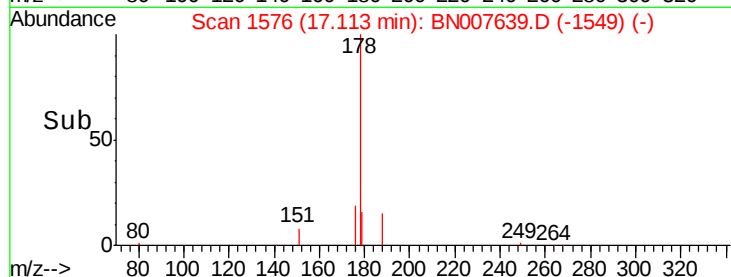
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#25

Fluoranthene-d10

Concen: 0.448 ng

RT: 19.11 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BN007639.D

Acq: 13 Sep 2019 22:24

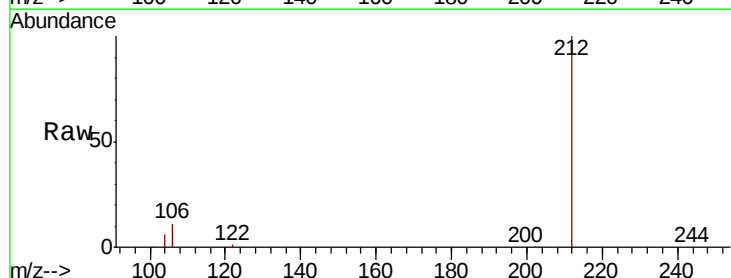
Tgt Ion:212 Resp: 59329

Ion Ratio Lower Upper

212 100

106 12.6 9.6 14.4

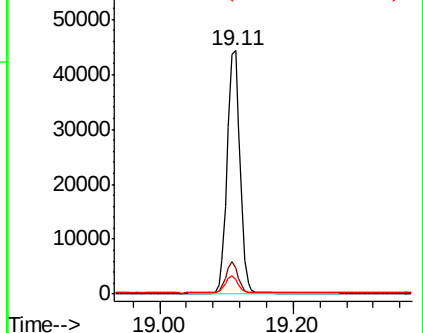
104 6.9 5.4 8.0



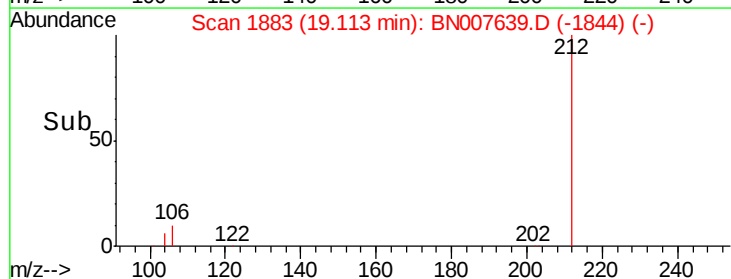
Abundance Ion 212.00 (211.70 to 212.70): E

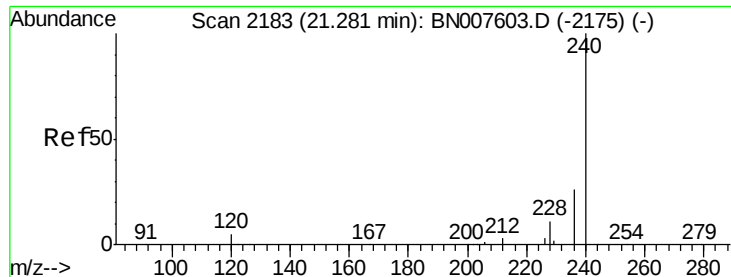
Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.27 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BN007639.D

Acq: 13 Sep 2019 22:24

Instrument :

BNA_N

ClientSampleId :

MW-1

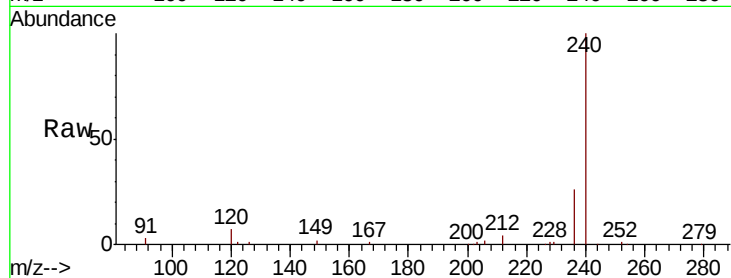
Tot Ion:240 Resp: 41611

Ion Ratio Lower Upper

240 100

120 7.1 4.3 6.5#

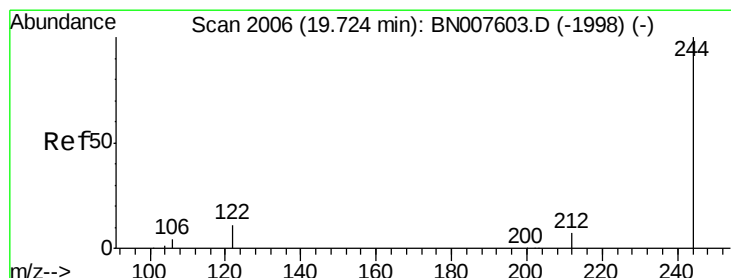
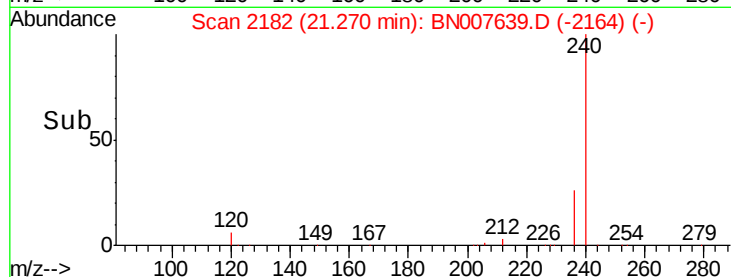
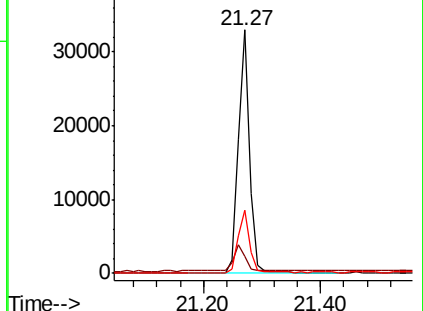
236 25.9 20.8 31.2



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: 0.521 ng

RT: 19.72 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BN007639.D

Acq: 13 Sep 2019 22:24

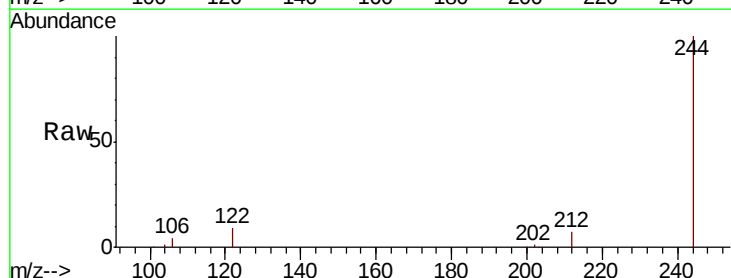
Tgt Ion:244 Resp: 57215

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

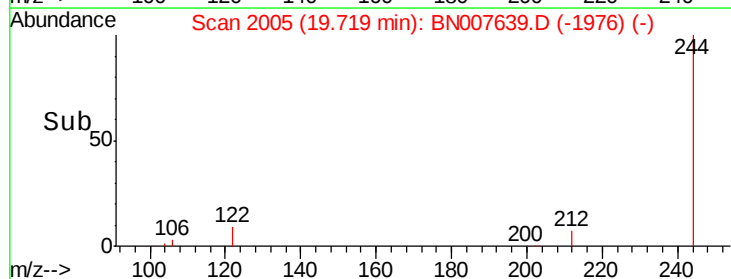
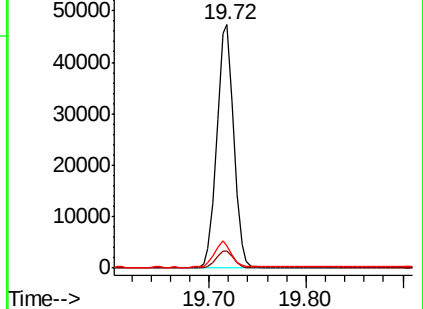
122 9.4 8.6 12.8

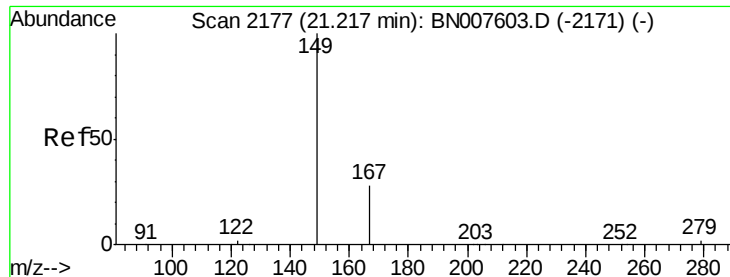


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

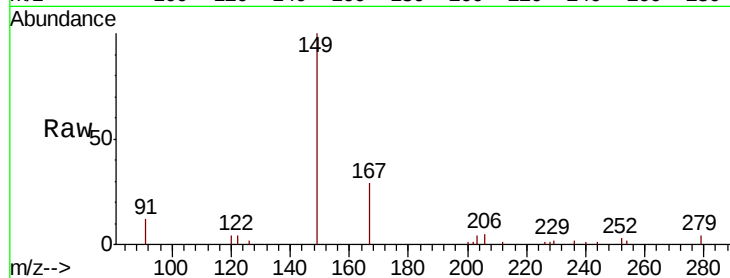




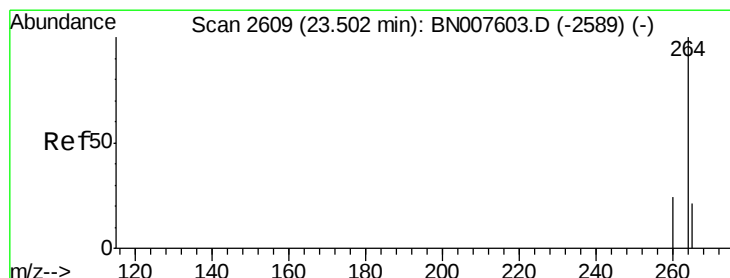
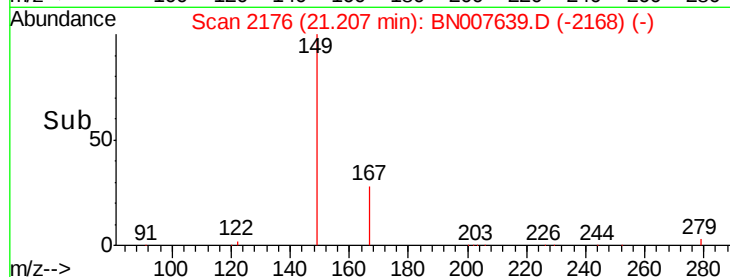
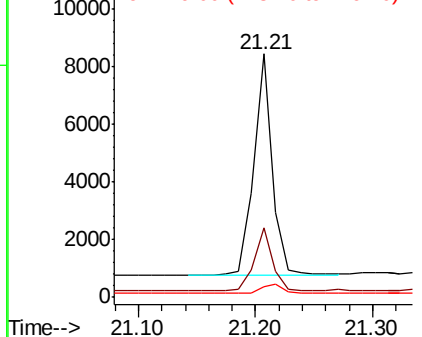
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.173 ng
 RT: 21.21 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: BN007639.D
 Acq: 13 Sep 2019 22:24

Instrument :
 BNA_N
 ClientSampled :
 MW-1

Tot Ion:149 Resp: 8661
 Ion Ratio Lower Upper
 149 100
 167 27.8 22.6 34.0
 279 5.3 3.8 5.6

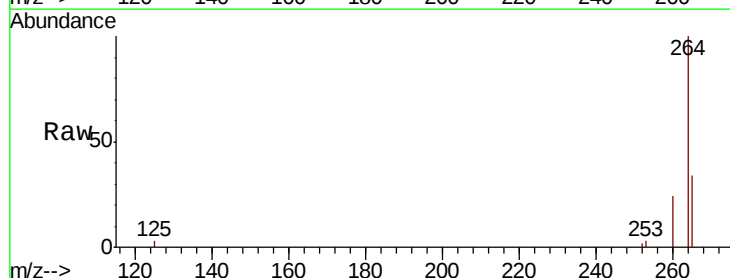


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.49 min Scan# 2605
 Delta R.T. -0.01 min
 Lab File: BN007639.D
 Acq: 13 Sep 2019 22:24

Tgt Ion:264 Resp: 43162
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.1 28.7
 265 34.3 24.6 37.0



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

