

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091319\
 Data File : BN007623.D
 Acq On : 13 Sep 2019 12:51
 Operator : HP/JU
 Sample : K4858-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D3-20190909

Quant Time: Sep 14 02:59:32 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

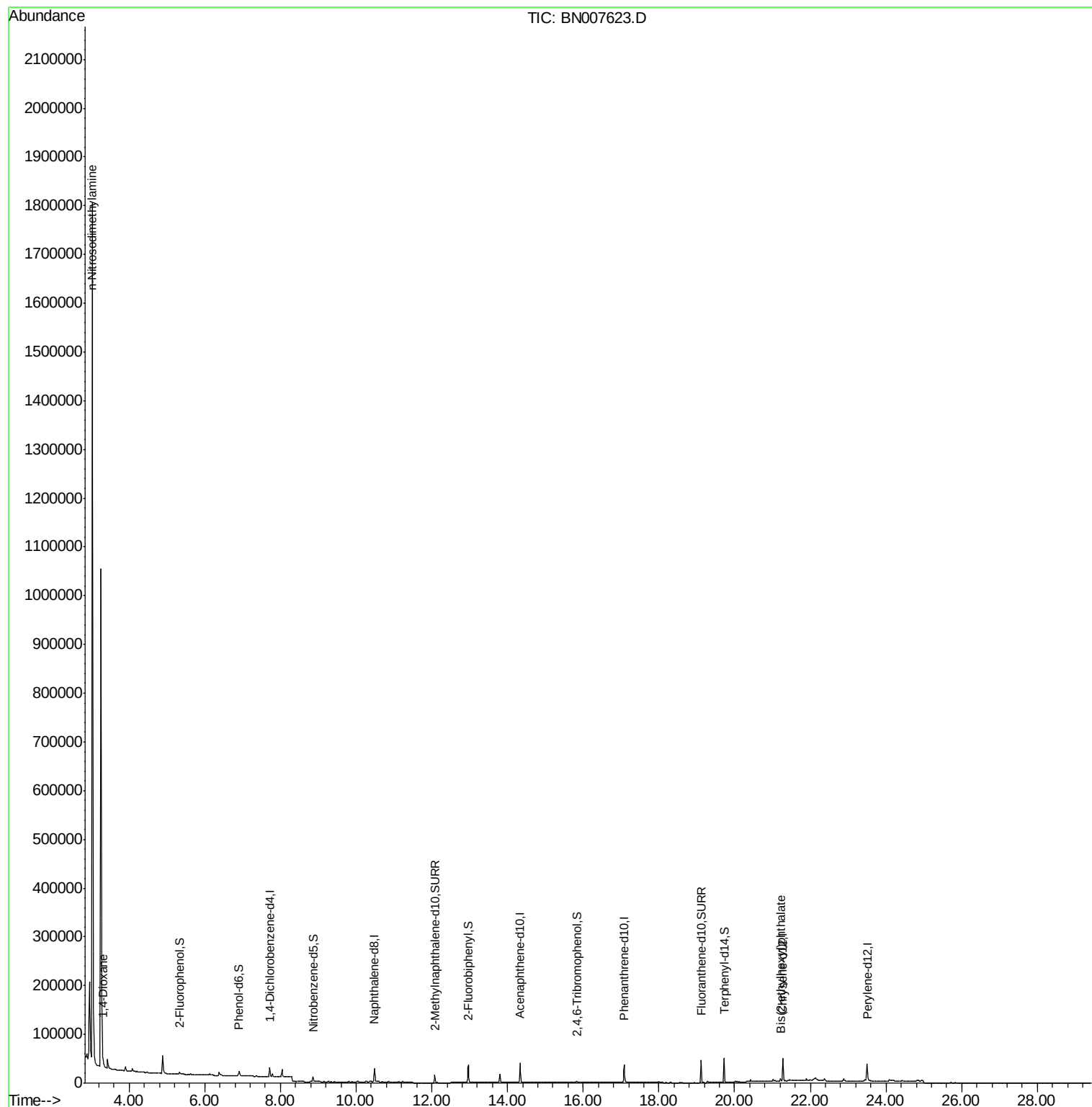
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	9462	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	38025	0.40	ng	-0.01
13) Acenaphthene-d10	14.34	164	21850	0.40	ng	0.00
19) Phenanthrene-d10	17.08	188	46915	0.40	ng	0.00
27) Chrysene-d12	21.27	240	44812	0.40	ng	-0.01
34) Perylene-d12	23.50	264	46207	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	3788	0.13	ng	0.00
5) Phenol-d6	6.89	99	3090	0.09	ng	0.00
8) Nitrobenzene-d5	8.86	82	9585	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	21645	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	2464	0.30	ng	0.00
15) 2-Fluorobiphenyl	12.97	172	33762	0.35	ng	0.00
25) Fluoranthene-d10	19.11	212	51682	0.35	ng	0.00
29) Terphenyl-d14	19.72	244	52221	0.44	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.33	88	3921	0.346	ng	# 69
3) n-Nitrosodimethylamine	3.03	42	155849	30.293	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.22	149	5878	0.109	ng	# 99

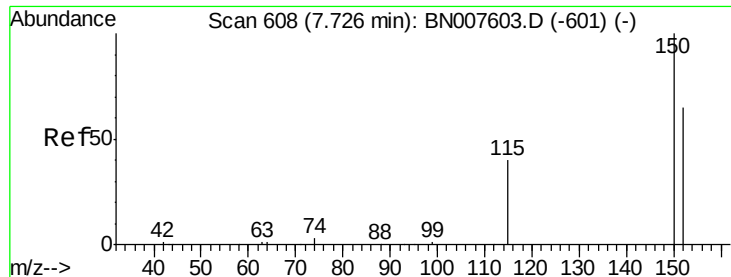
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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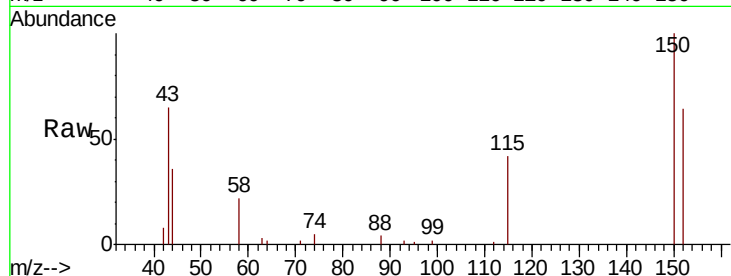


#1

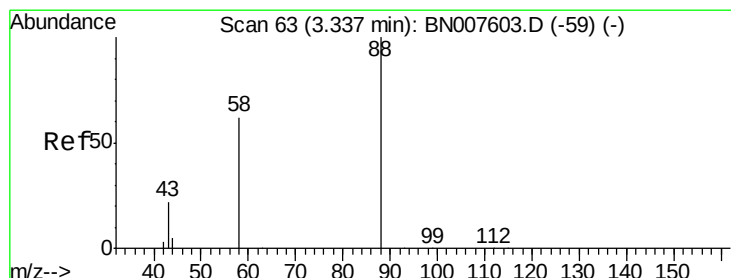
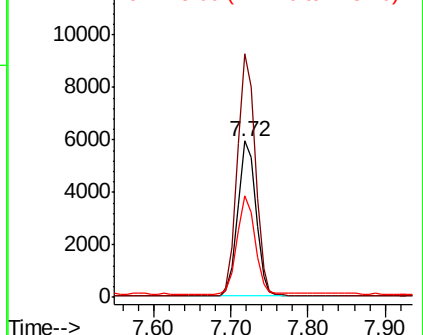
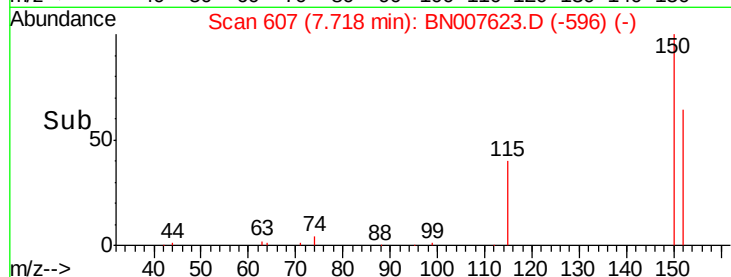
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 607
Delta R.T. -0.01 min
Lab File: BN007623.D
Acq: 13 Sep 2019 12:51

Instrument :
BNA_N
ClientSampleId :
RE103D3-20190909

Tot Ion:152 Resp: 9462
Ion Ratio Lower Upper
152 100
150 156.0 122.4 183.6
115 64.9 50.4 75.6



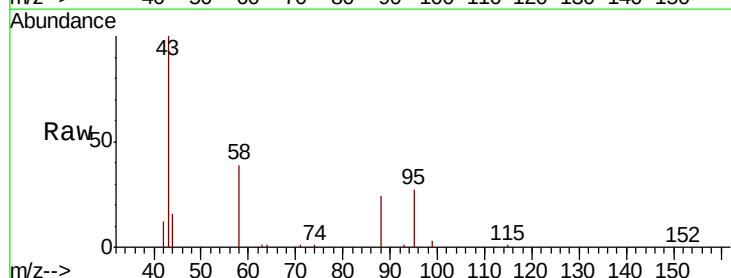
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



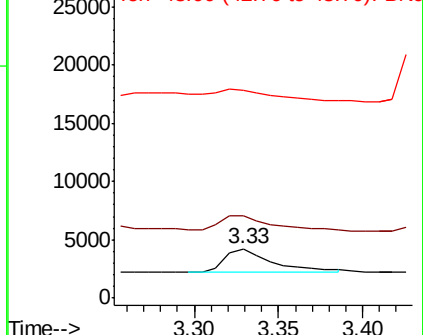
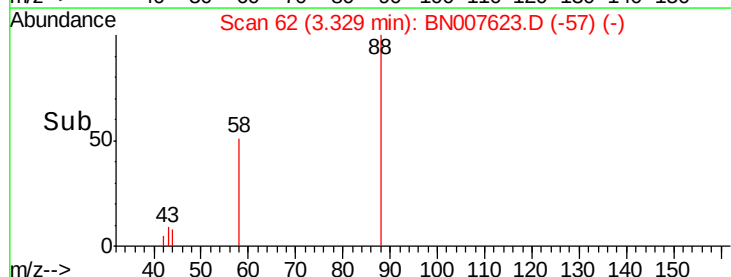
#2

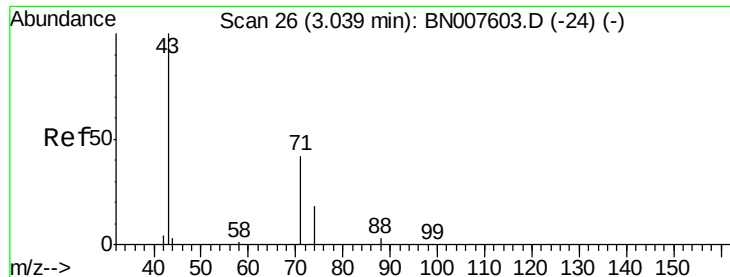
1,4-Dioxane
Concen: 0.346 ng
RT: 3.33 min Scan# 62
Delta R.T. -0.01 min
Lab File: BN007623.D
Acq: 13 Sep 2019 12:51

Tgt Ion: 88 Resp: 3921
Ion Ratio Lower Upper
88 100
58 55.2 57.0 85.4#
43 57.1 20.0 30.0#



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





#3

n-Nitrosodimethylamine

Concen: 30.293 ng

RT: 3.03 min Scan# 25

Delta R.T. -0.01 min

Lab File: BN007623.D

Acq: 13 Sep 2019 12:51

Instrument :

BNA_N

ClientSampleId :

RE103D3-20190909

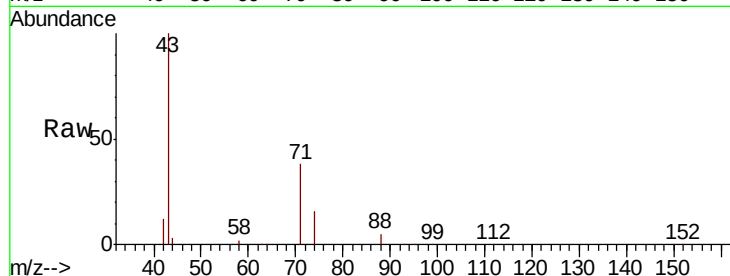
Tot Ion: 42 Resp: 155849

Ion Ratio Lower Upper

42 100

74 144.8 9.8 14.8#

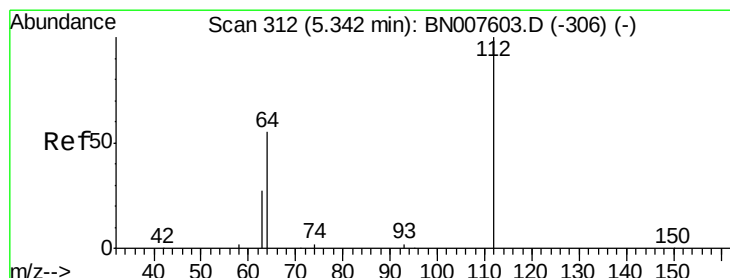
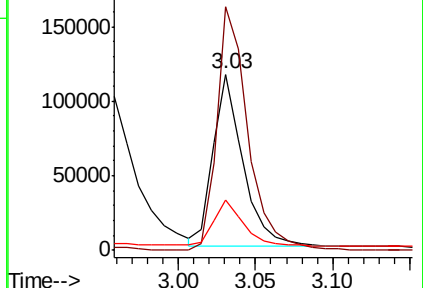
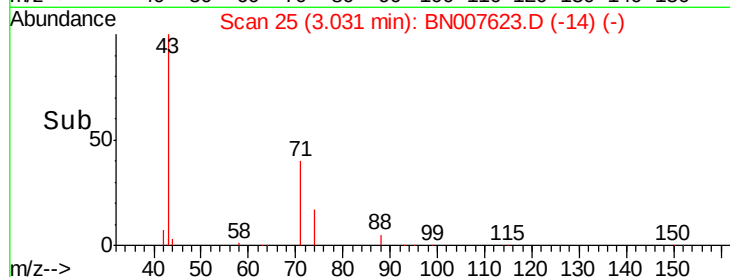
44 26.6 0.0 0.0#



Abundance Ion 42.00 (41.70 to 42.70): BN0

Ion 74.00 (73.70 to 74.70): BN0

Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.125 ng

RT: 5.34 min Scan# 312

Delta R.T. -0.00 min

Lab File: BN007623.D

Acq: 13 Sep 2019 12:51

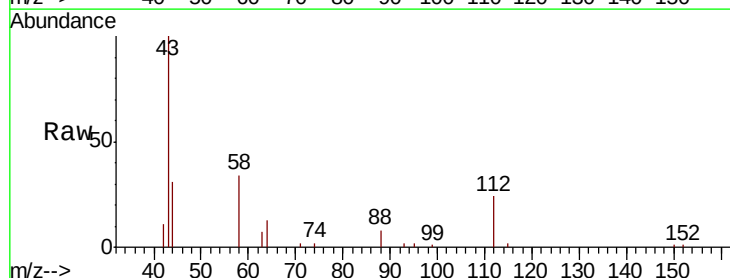
Tgt Ion: 112 Resp: 3788

Ion Ratio Lower Upper

112 100

64 60.4 48.5 72.7

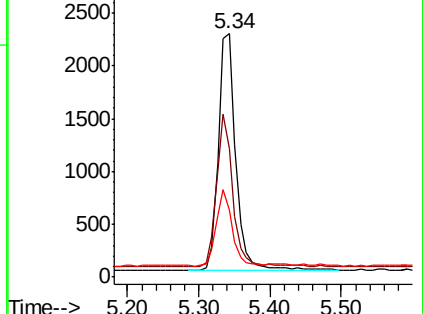
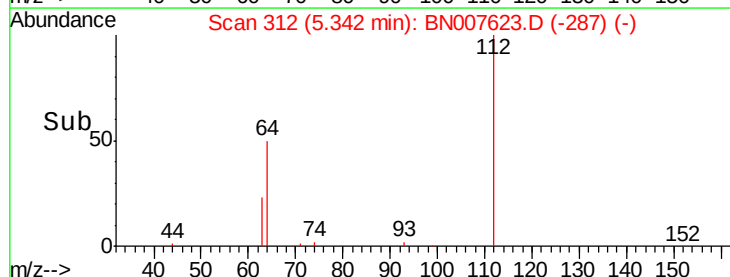
63 29.1 24.4 36.6

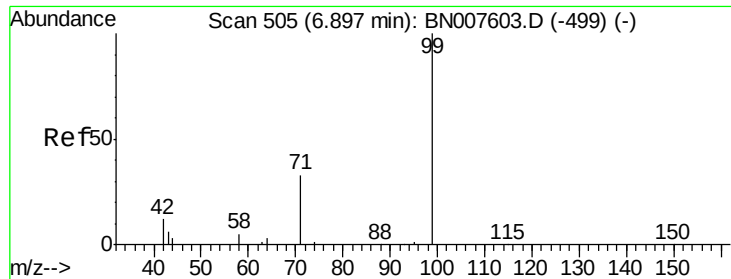


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.090 ng

RT: 6.89 min Scan# 504

Delta R.T. -0.01 min

Lab File: BN007623.D

Acq: 13 Sep 2019 12:51

Instrument :

BNA_N

ClientSampleId :

RE103D3-20190909

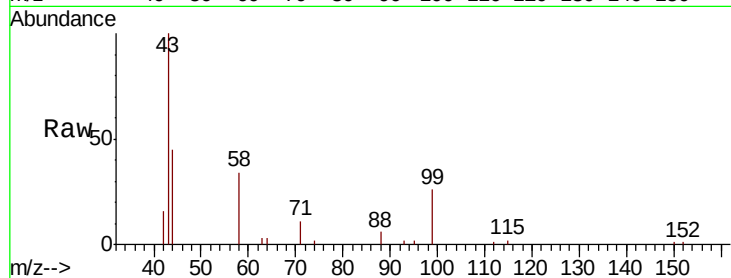
Tot Ion: 99 Resp: 3090

Ion Ratio Lower Upper

99 100

42 0.0 11.8 17.6#

71 48.3 28.0 42.0#

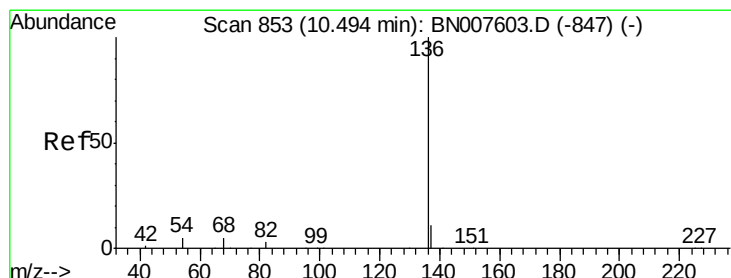
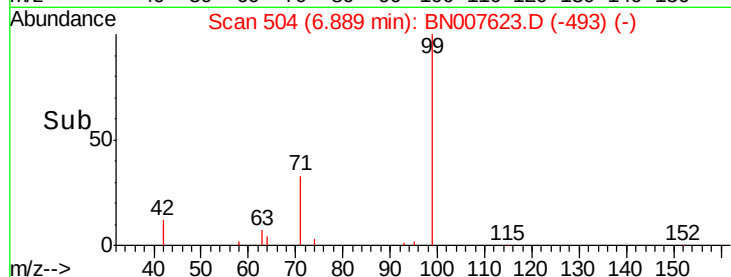
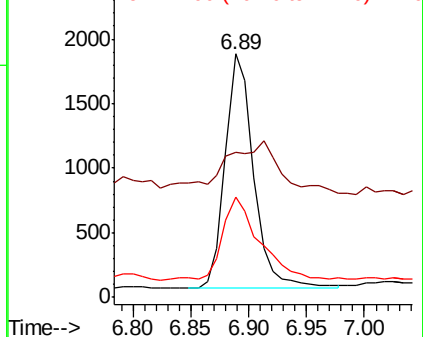


Abundance

Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.48 min Scan# 852

Delta R.T. -0.01 min

Lab File: BN007623.D

Acq: 13 Sep 2019 12:51

Tgt Ion: 136 Resp: 38025

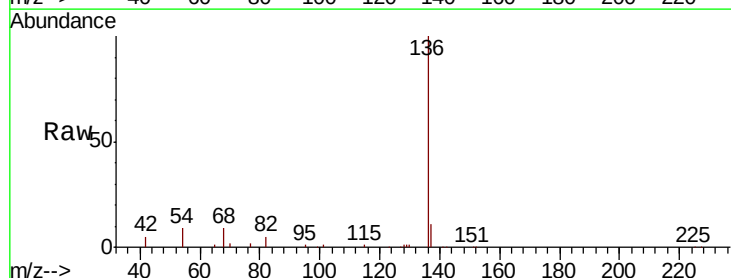
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 8.6 4.2 6.4#

68 9.1 4.6 7.0#



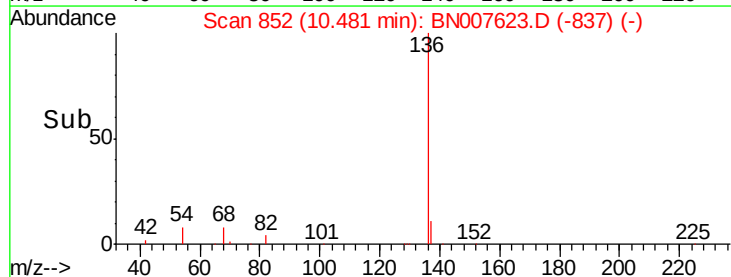
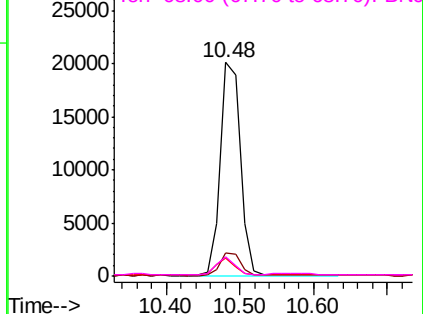
Abundance

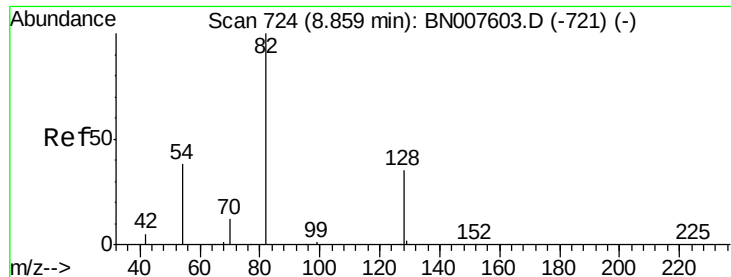
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BN0

Ion 68.00 (67.70 to 68.70): BN0





#8

Nitrobenzene-d5

Concen: 0.316 ng

RT: 8.86 min Scan# 724

Delta R.T. -0.00 min

Lab File: BN007623.D

Acq: 13 Sep 2019 12:51

Instrument :

BNA_N

ClientSampleId :

RE103D3-20190909

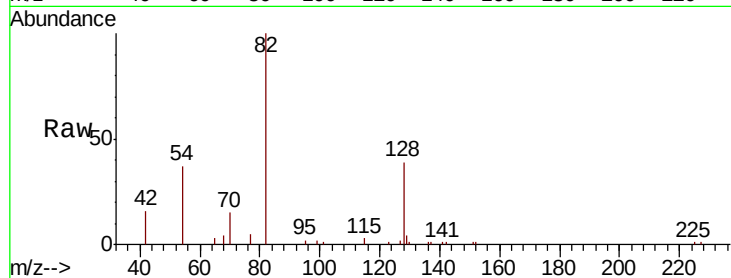
Tot Ion: 82 Resp: 9585

Ion Ratio Lower Upper

82 100

128 39.3 27.9 41.9

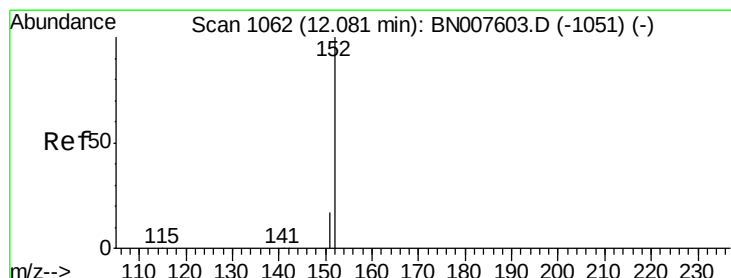
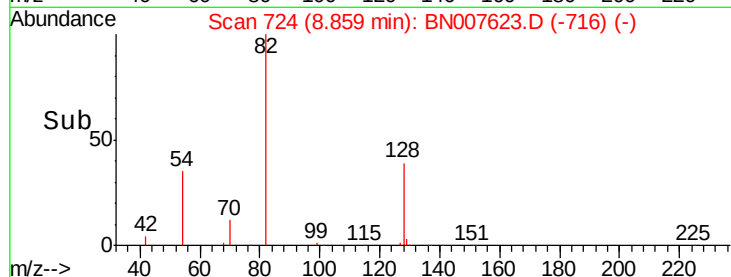
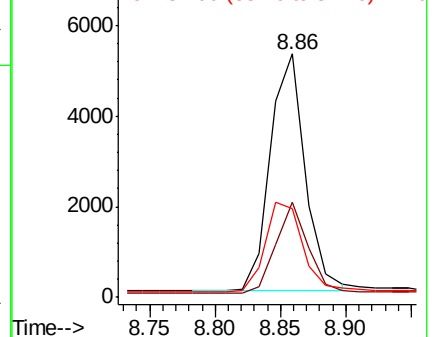
54 36.7 30.9 46.3



Abundance Ion 82.00 (81.70 to 82.70): BN007603.D (-721) (-)

Ion 128.00 (127.70 to 128.70): BN007603.D (-721) (-)

Ion 54.00 (53.70 to 54.70): BN007603.D (-721) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.336 ng

RT: 12.08 min Scan# 1061

Delta R.T. -0.00 min

Lab File: BN007623.D

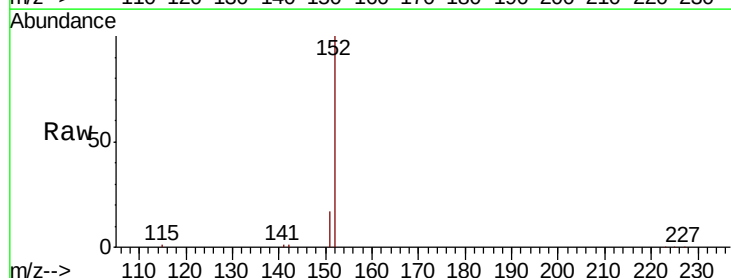
Acq: 13 Sep 2019 12:51

Tgt Ion: 152 Resp: 21645

Ion Ratio Lower Upper

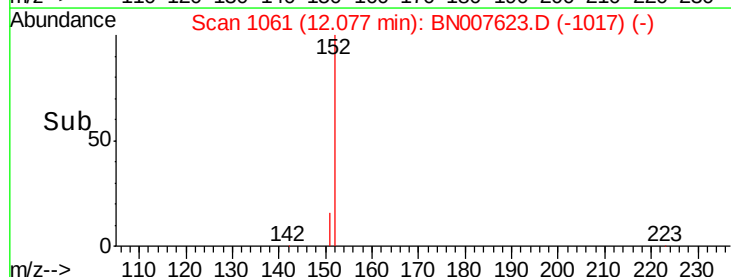
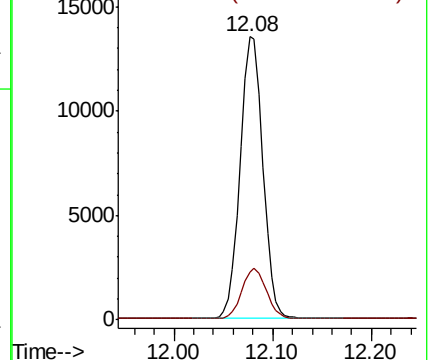
152 100

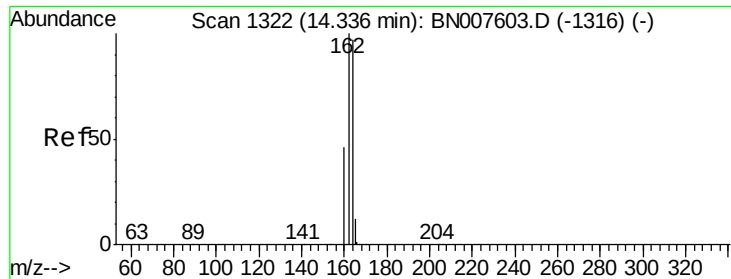
151 19.3 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): BN007603.D (-1051) (-)

Ion 151.00 (150.70 to 151.70): BN007603.D (-1051) (-)

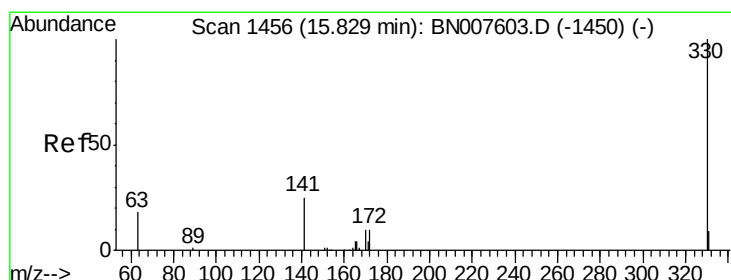
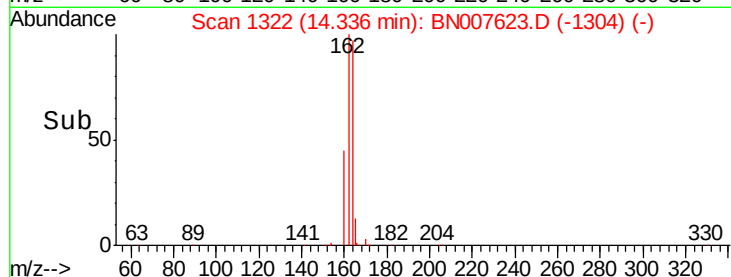
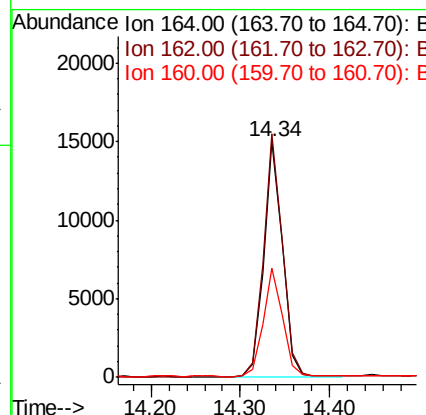
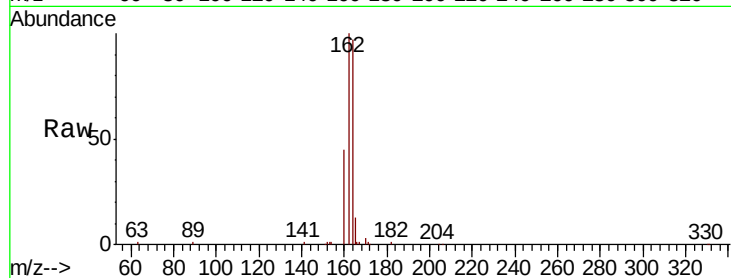




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.34 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BN007623.D
Acq: 13 Sep 2019 12:51

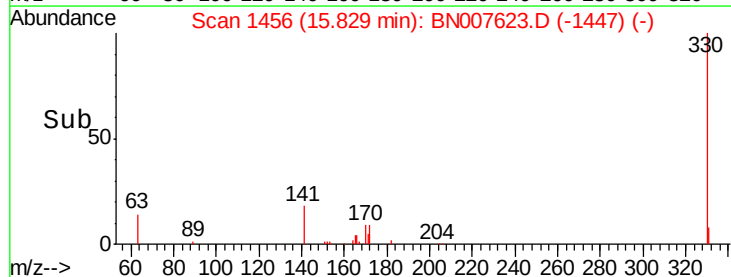
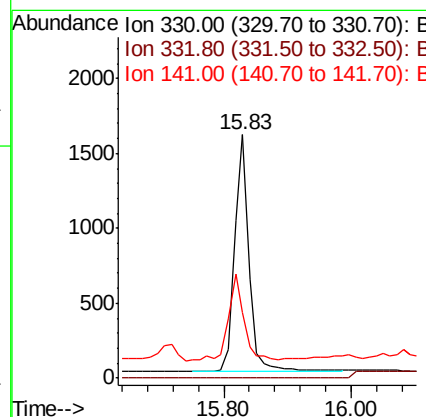
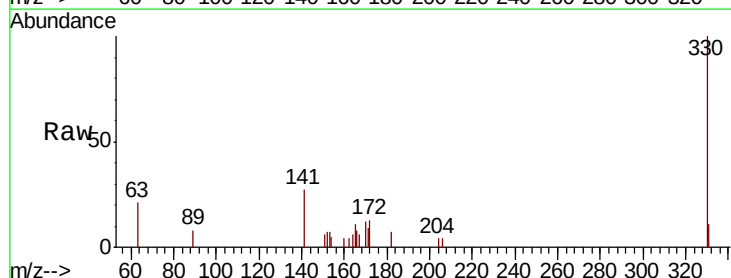
Instrument :
BNA_N
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RE103D3-20190909

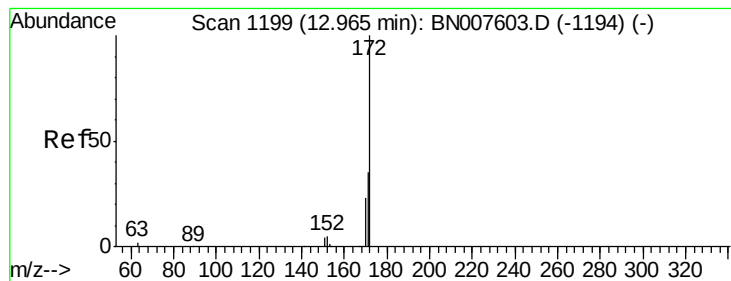
Tot Ion:164 Resp: 21850
Ion Ratio Lower Upper
164 100
162 103.2 82.8 124.2
160 46.3 38.0 57.0



#14
2,4,6-Tribromophenol
Concen: 0.298 ng
RT: 15.83 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BN007623.D
Acq: 13 Sep 2019 12:51

Tgt Ion:330 Resp: 2464
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 38.4 30.1 45.1





#15

2-Fluorobiphenyl

Concen: 0.354 ng

RT: 12.97 min Scan# 1199

Delta R.T. -0.00 min

Lab File: BN007623.D

Acq: 13 Sep 2019 12:51

Instrument :

BNA_N

ClientSampleId :

RE103D3-20190909

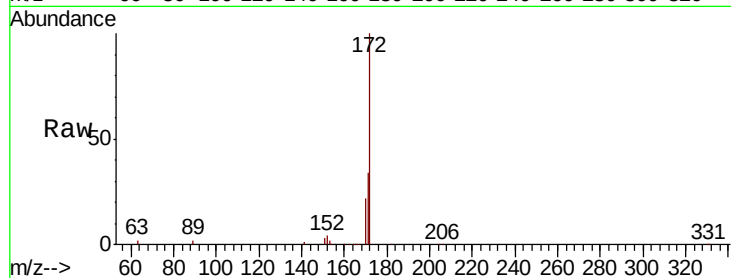
Tot Ion:172 Resp: 33762

Ion Ratio Lower Upper

172 100

171 34.2 27.9 41.9

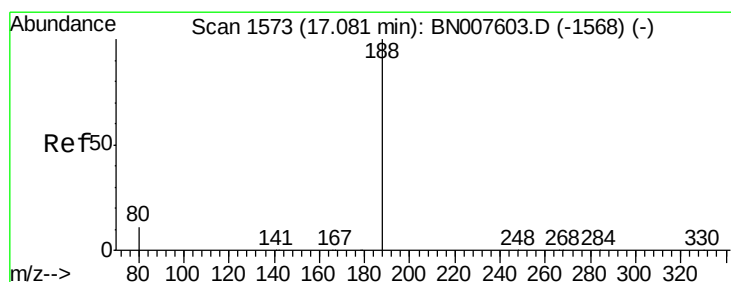
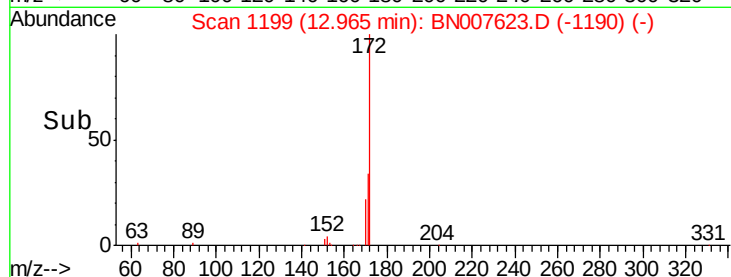
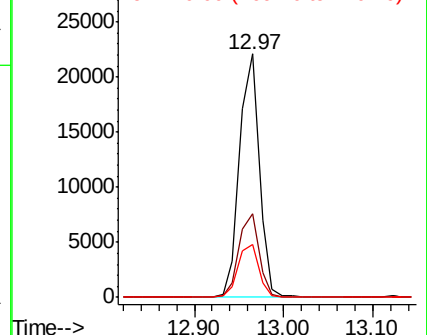
170 21.8 18.5 27.7



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



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.08 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BN007623.D

Acq: 13 Sep 2019 12:51

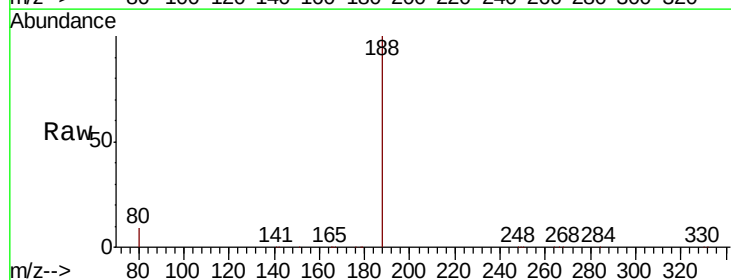
Tgt Ion:188 Resp: 46915

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

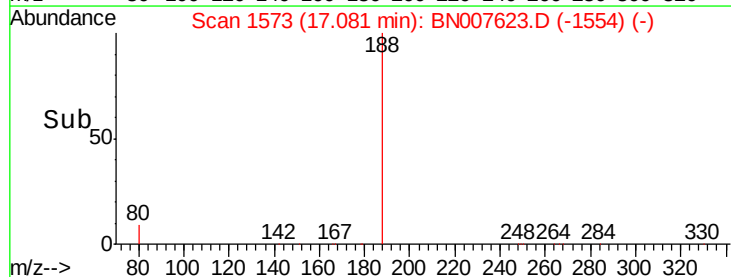
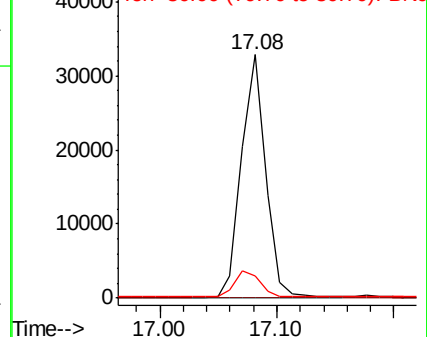
80 9.3 8.8 13.2

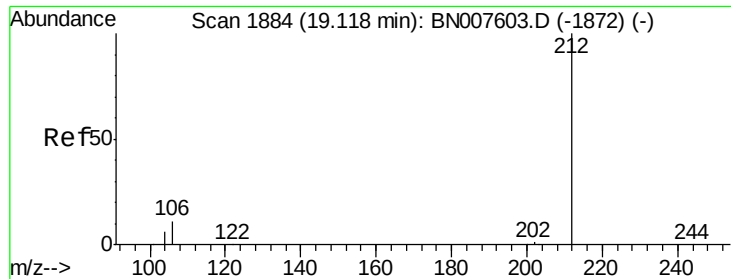


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

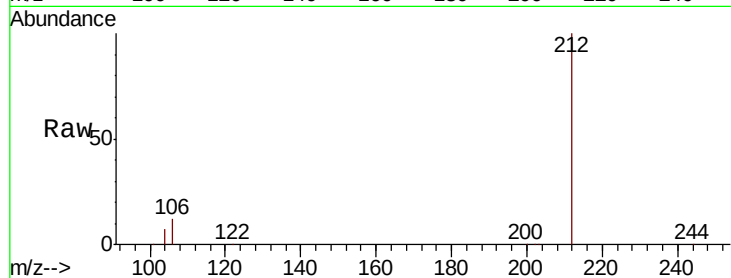




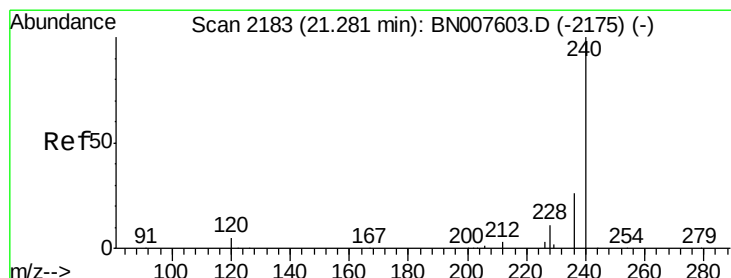
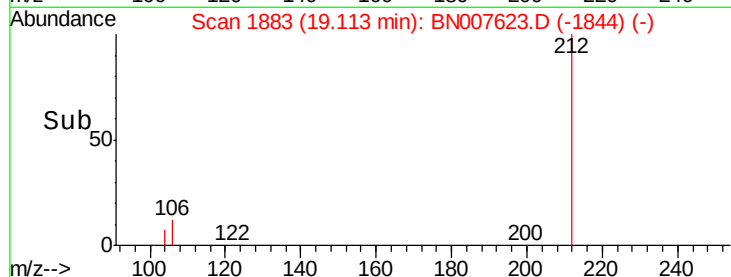
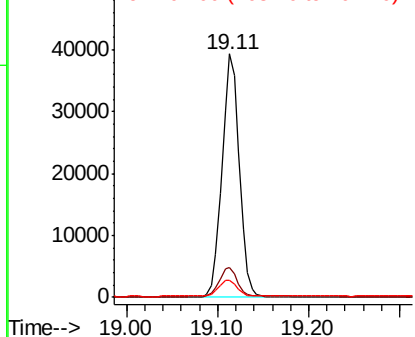
#25
Fluoranthene-d10
Concen: 0.349 ng
RT: 19.11 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BN007623.D
Acq: 13 Sep 2019 12:51

Instrument :
BNA_N
ClientSampleId :
RE103D3-20190909

Tot Ion:212 Resp: 51682
Ion Ratio Lower Upper
212 100
106 12.3 9.6 14.4
104 6.9 5.4 8.0

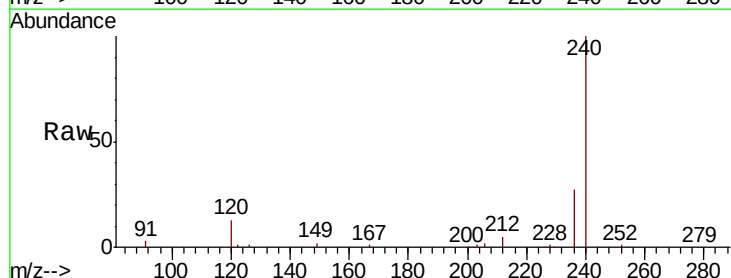


Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E

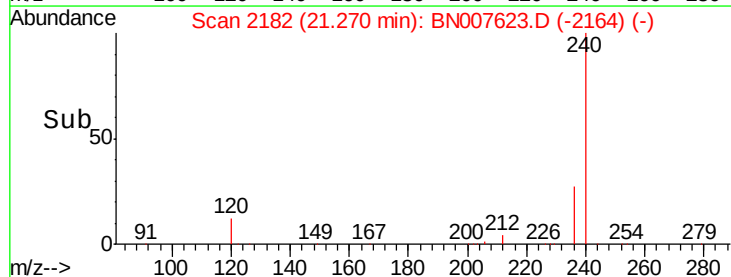
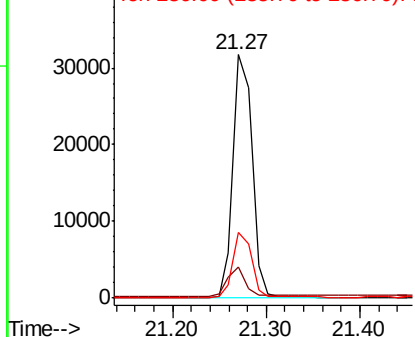


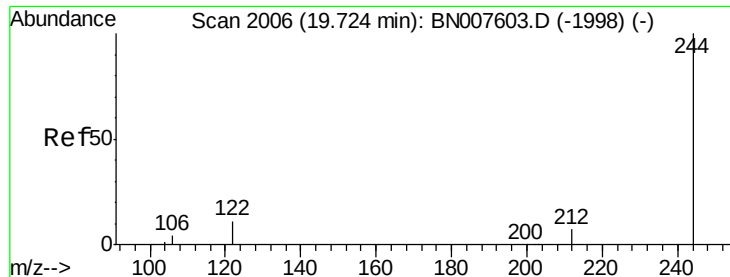
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BN007623.D
Acq: 13 Sep 2019 12:51

Tgt Ion:240 Resp: 44812
Ion Ratio Lower Upper
240 100
120 12.6 4.3 6.5#
236 26.9 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: 0.442 ng

RT: 19.72 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BN007623.D

Acq: 13 Sep 2019 12:51

Instrument :

BNA_N

ClientSampleId :

RE103D3-20190909

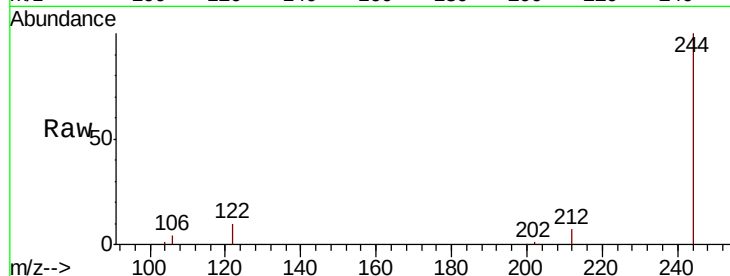
Tot Ion:244 Resp: 52221

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

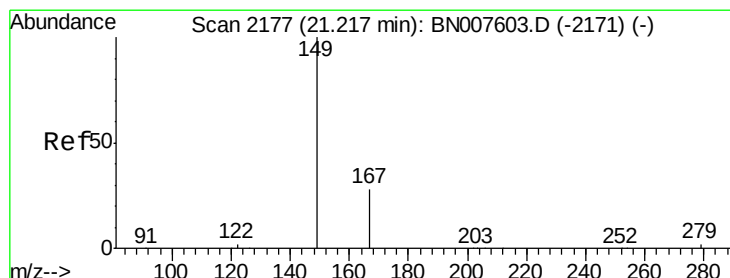
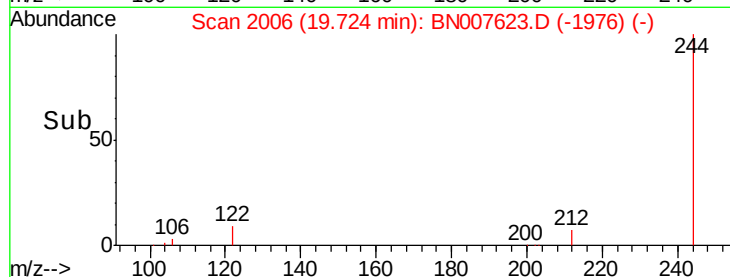
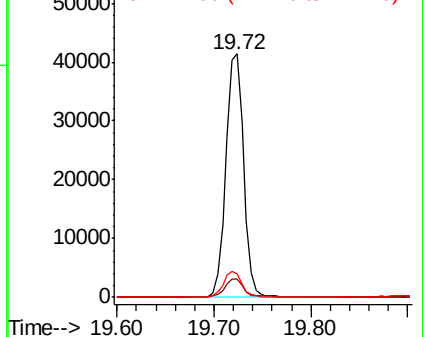
122 9.5 8.6 12.8



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: 0.109 ng

RT: 21.22 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BN007623.D

Acq: 13 Sep 2019 12:51

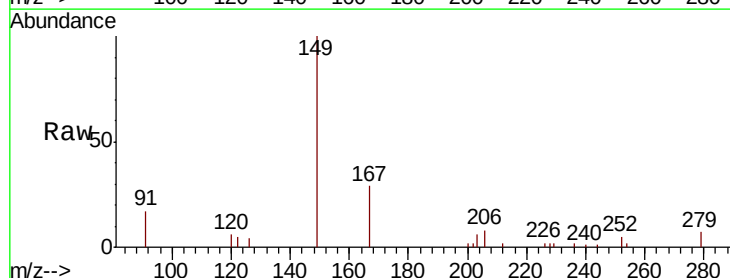
Tgt Ion:149 Resp: 5878

Ion Ratio Lower Upper

149 100

167 27.8 22.6 34.0

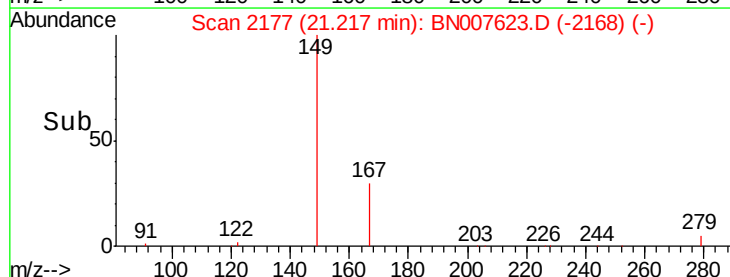
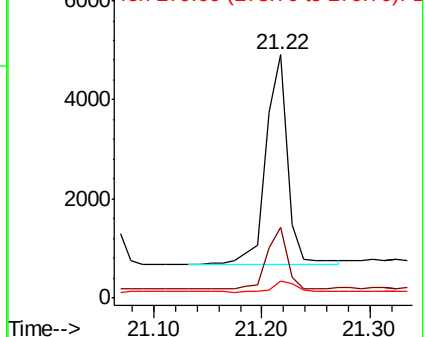
279 6.0 3.8 5.6#

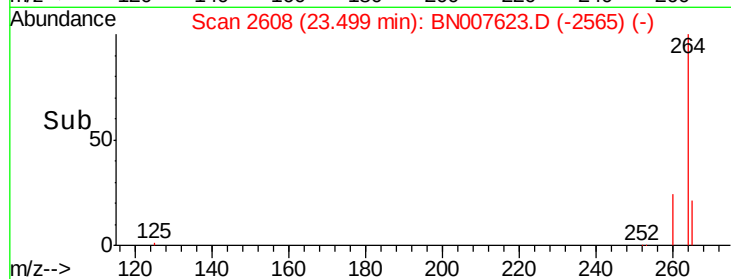
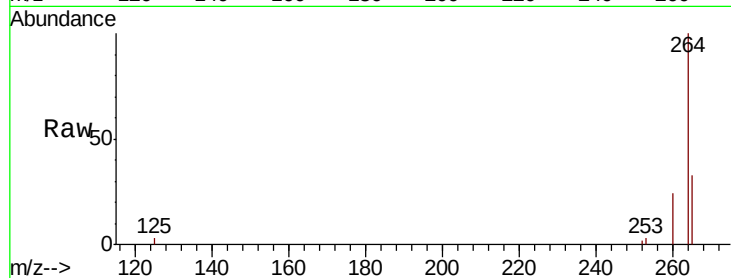
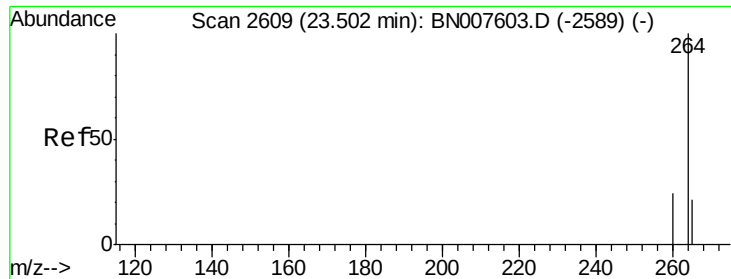


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.50 min Scan# 2608
 Delta R.T. -0.00 min
 Lab File: BN007623.D
 Acq: 13 Sep 2019 12:51

Instrument :
 BNA_N
 ClientSampleId :
 RE103D3-20190909

Tot Ion:264 Resp: 46207
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 32.7 24.6 37.0

