

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091319\
 Data File : BN007634.D
 Acq On : 13 Sep 2019 19:25
 Operator : HP/JU
 Sample : K4858-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW202D-20190909

Quant Time: Sep 14 03:01:26 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

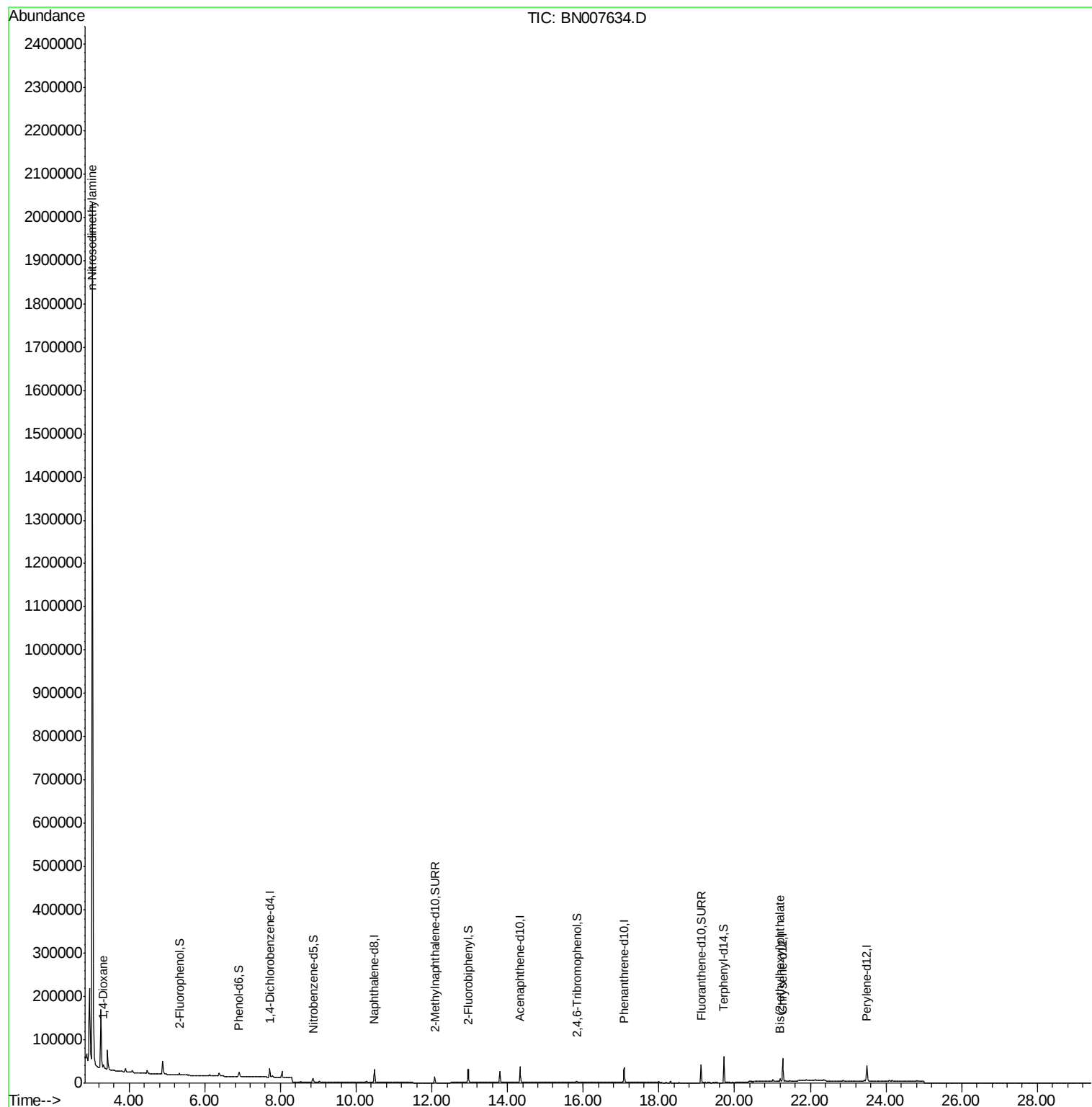
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	9968	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	40068	0.40	ng	-0.01
13) Acenaphthene-d10	14.34	164	20889	0.40	ng	0.00
19) Phenanthrene-d10	17.08	188	48734	0.40	ng	0.00
27) Chrysene-d12	21.27	240	47346	0.40	ng	-0.01
34) Perylene-d12	23.50	264	46905	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	3256	0.10	ng	0.00
5) Phenol-d6	6.89	99	2796	0.08	ng	0.00
8) Nitrobenzene-d5	8.86	82	8671	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	19792	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	1757	0.22	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	30379	0.33	ng	0.00
25) Fluoranthene-d10	19.11	212	46451	0.30	ng	0.00
29) Terphenyl-d14	19.72	244	59680	0.48	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.32	88	7897	0.661	ng	# 80
3) n-Nitrosodimethylamine	3.03	42	172869	31.895	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.21	149	7021	0.123	ng	97

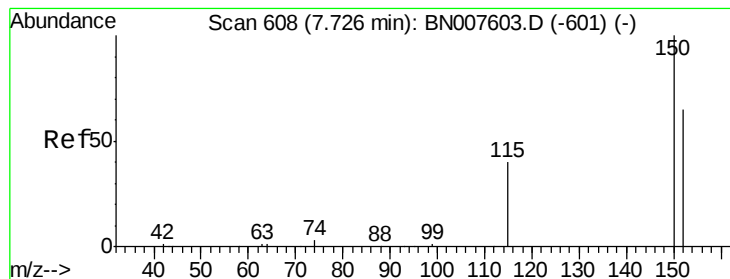
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091219.M
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QLast Update : Thu Sep 12 14:27:51 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.72 min Scan# 607

Delta R.T. -0.01 min

Lab File: BN007634.D

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BNA_N

ClientSampleId :

MW202D-20190909

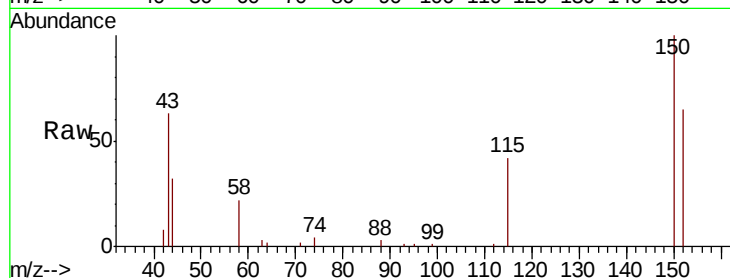
Tot Ion:152 Resp: 9968

Ion Ratio Lower Upper

152 100

150 154.6 122.4 183.6

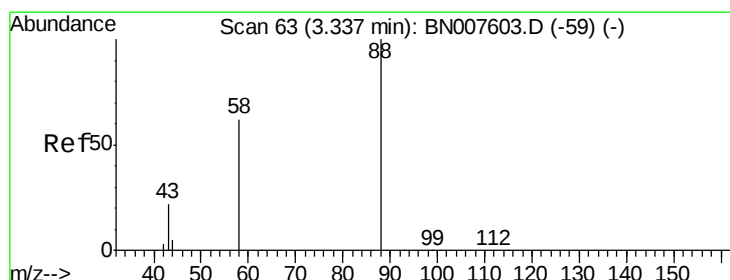
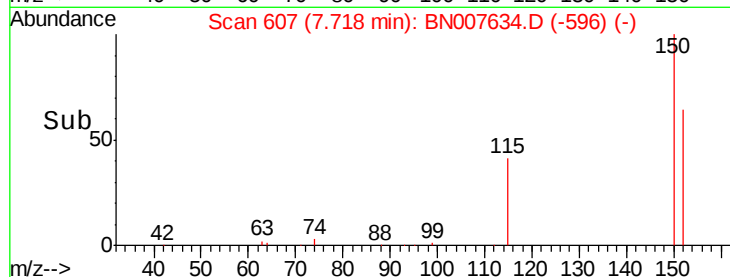
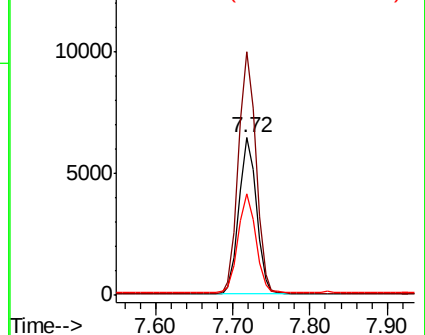
115 64.6 50.4 75.6



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: 0.661 ng

RT: 3.32 min Scan# 61

Delta R.T. -0.02 min

Lab File: BN007634.D

Acq: 13 Sep 2019 19:25

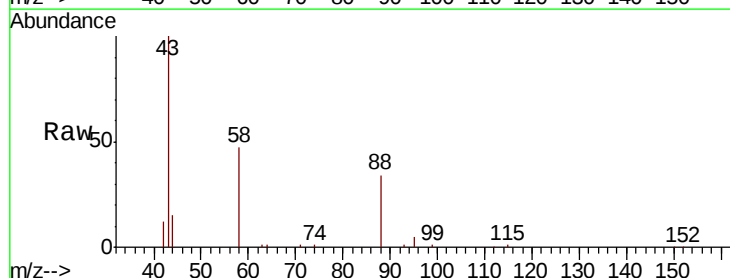
Tgt Ion: 88 Resp: 7897

Ion Ratio Lower Upper

88 100

58 62.5 57.0 85.4

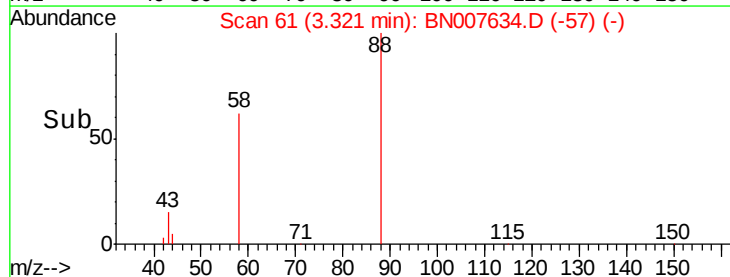
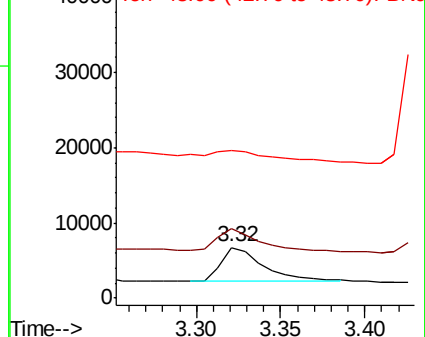
43 47.8 20.0 30.0#

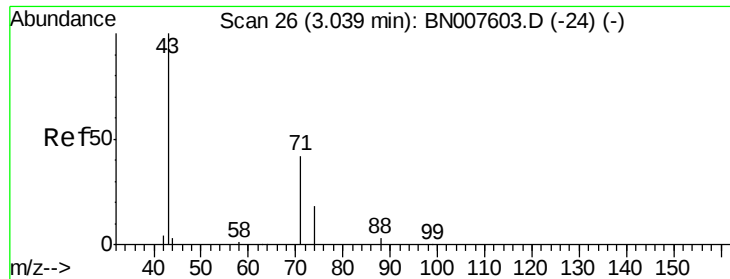


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 31.895 ng

RT: 3.03 min Scan# 25

Delta R.T. -0.01 min

Lab File: BN007634.D

Acq: 13 Sep 2019 19:25

Instrument :

BNA_N

ClientSampleId :

MW202D-20190909

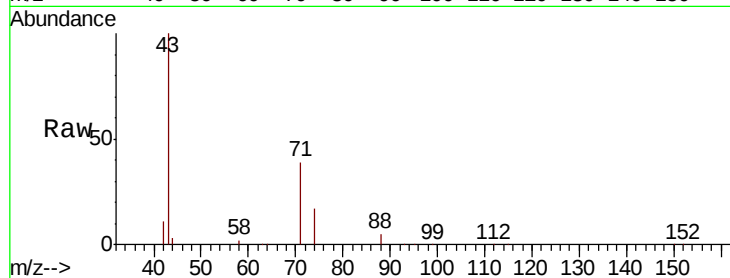
Tot Ion: 42 Resp: 172869

Ion Ratio Lower Upper

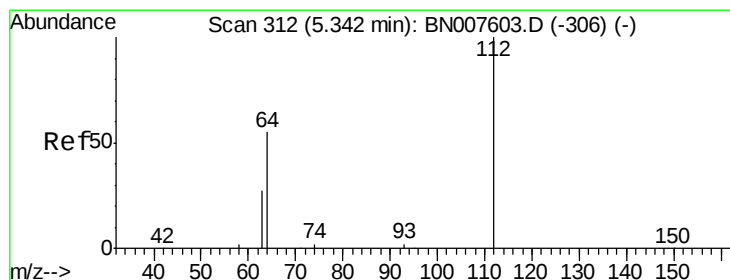
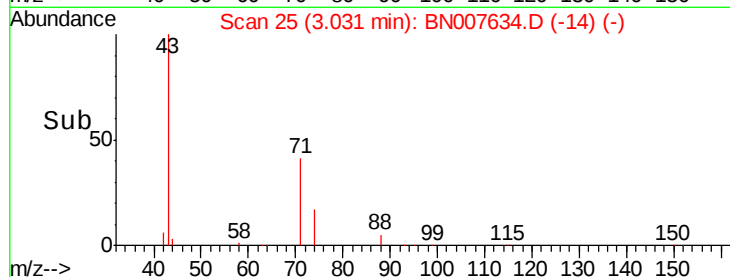
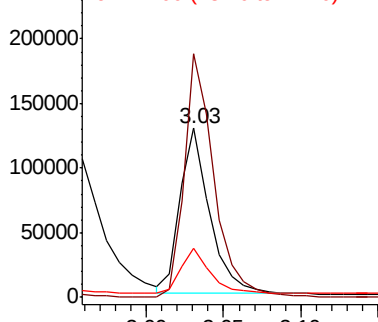
42 100

74 145.1 9.8 14.8#

44 26.4 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: 0.102 ng

RT: 5.33 min Scan# 311

Delta R.T. -0.01 min

Lab File: BN007634.D

Acq: 13 Sep 2019 19:25

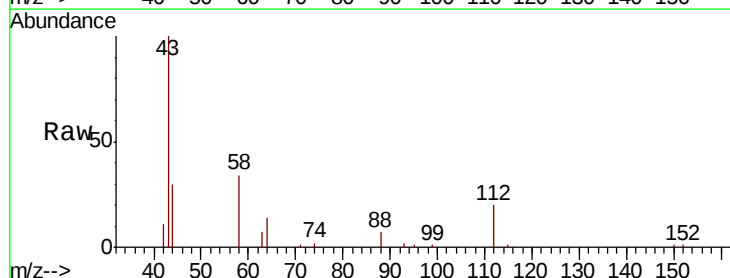
Tgt Ion: 112 Resp: 3256

Ion Ratio Lower Upper

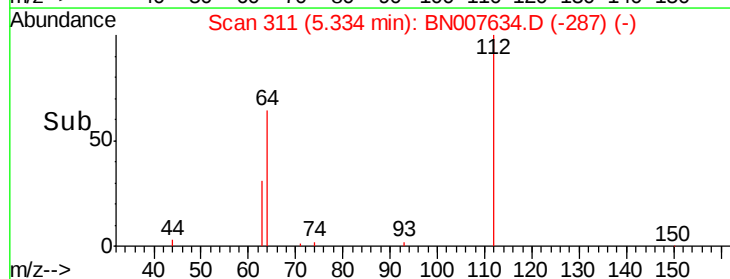
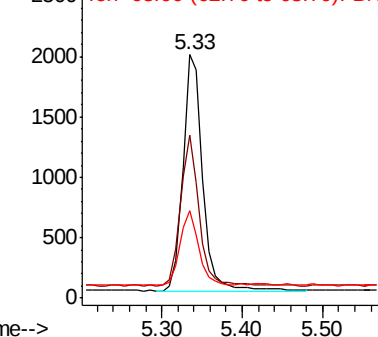
112 100

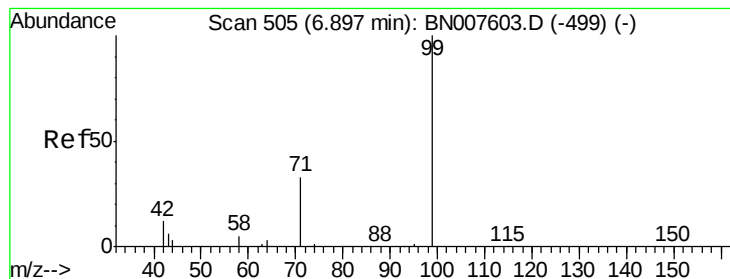
64 61.4 48.5 72.7

63 29.8 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: 0.078 ng

RT: 6.89 min Scan# 504

Delta R.T. -0.01 min

Lab File: BN007634.D

Acq: 13 Sep 2019 19:25

Instrument :

BNA_N

ClientSampleId :

MW202D-20190909

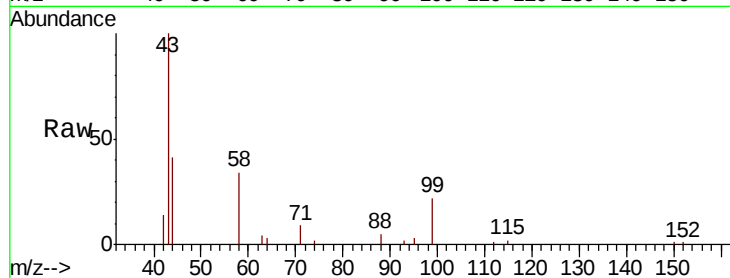
Tot Ion: 99 Resp: 2796

Ion Ratio Lower Upper

99 100

42 0.0 11.8 17.6#

71 39.3 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BN007603.D (-499) (-)

Ion 42.00 (41.70 to 42.70): BN007603.D (-499) (-)

Ion 71.00 (70.70 to 71.70): BN007603.D (-499) (-)

6.89

1500

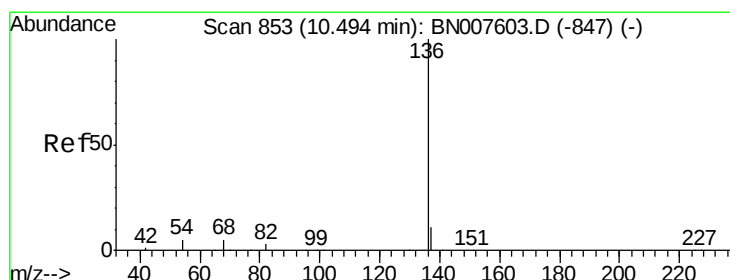
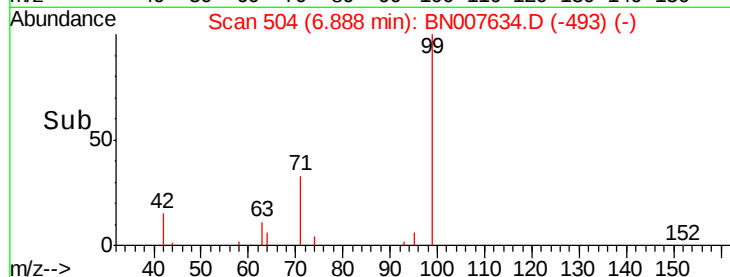
1000

500

0

6.80 6.90 7.00

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.48 min Scan# 852

Delta R.T. -0.01 min

Lab File: BN007634.D

Acq: 13 Sep 2019 19:25

Tgt Ion: 136 Resp: 40068

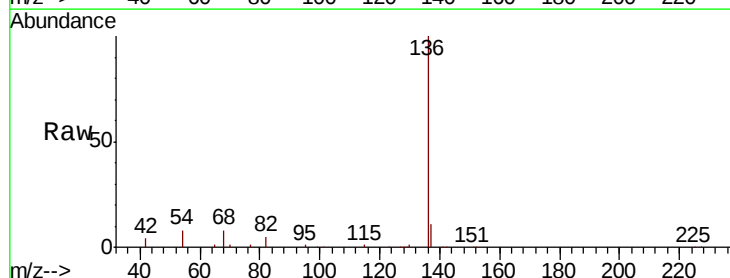
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 8.0 4.2 6.4#

68 8.4 4.6 7.0#



Abundance Ion 136.00 (135.70 to 136.70): BN007603.D (-847) (-)

Ion 137.00 (136.70 to 137.70): BN007603.D (-847) (-)

Ion 54.00 (53.70 to 54.70): BN007603.D (-847) (-)

Ion 68.00 (67.70 to 68.70): BN007603.D (-847) (-)

10.48

30000

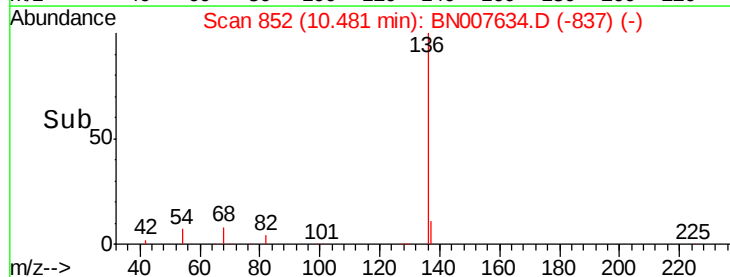
20000

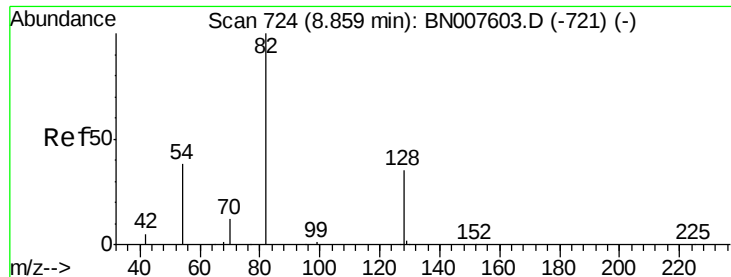
10000

0

10.40 10.60

Time-->





#8

Nitrobenzene-d5

Concen: 0.271 ng

RT: 8.86 min Scan# 724

Delta R.T. -0.00 min

Lab File: BN007634.D

Acq: 13 Sep 2019 19:25

Instrument :

BNA_N

ClientSampleId :

MW202D-20190909

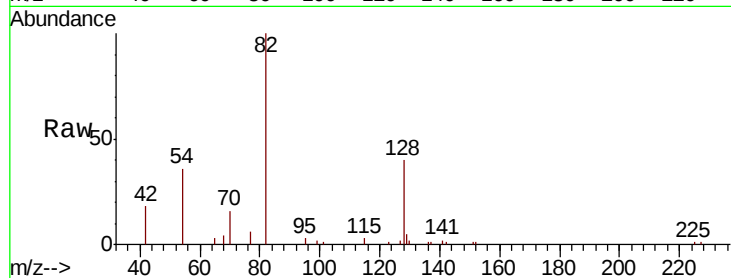
Tot Ion: 82 Resp: 8671

Ion Ratio Lower Upper

82 100

128 39.9 27.9 41.9

54 36.0 30.9 46.3

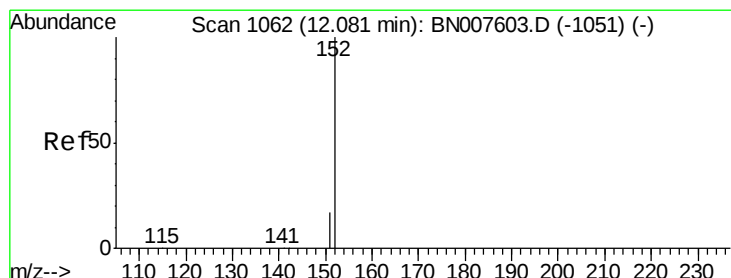
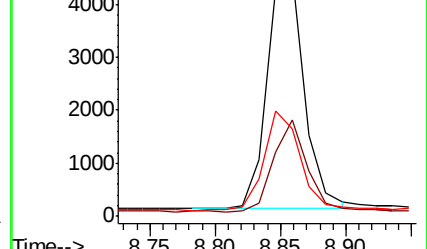
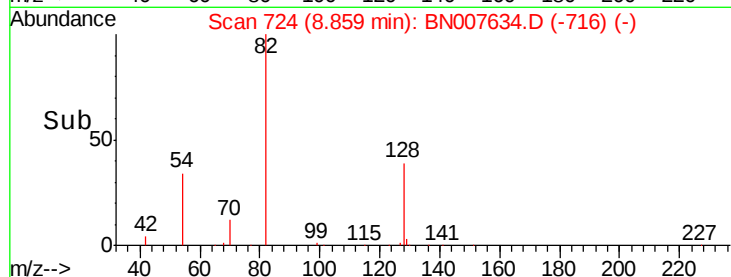


Abundance Ion 82.00 (81.70 to 82.70): BN007603.D (-721) (-)

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

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

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.292 ng

RT: 12.08 min Scan# 1061

Delta R.T. -0.00 min

Lab File: BN007634.D

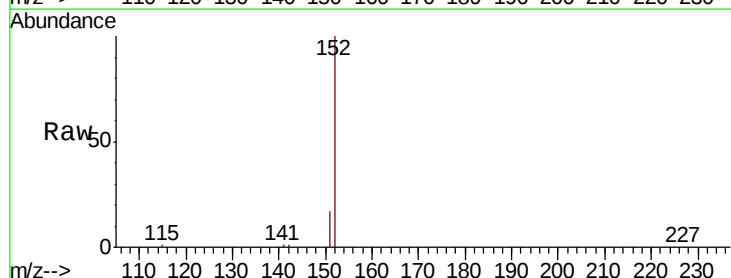
Acq: 13 Sep 2019 19:25

Tgt Ion: 152 Resp: 19792

Ion Ratio Lower Upper

152 100

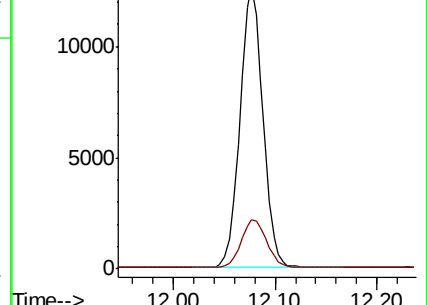
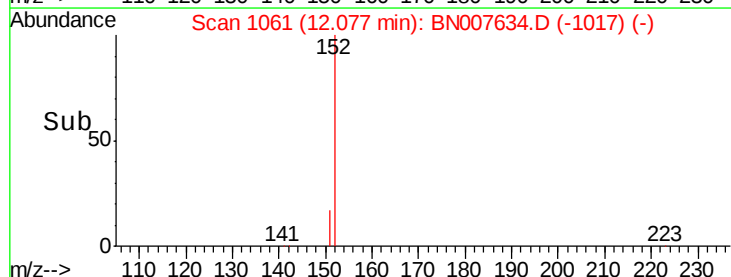
151 19.1 15.3 22.9

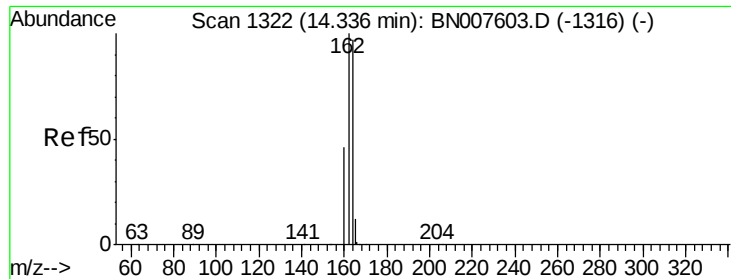


Abundance Ion 152.00 (151.70 to 152.70): BN007603.D (-1051) (-)

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

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.34 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BN007634.D

Acq: 13 Sep 2019 19:25

Instrument :

BNA_N

ClientSampleId :

MW202D-20190909

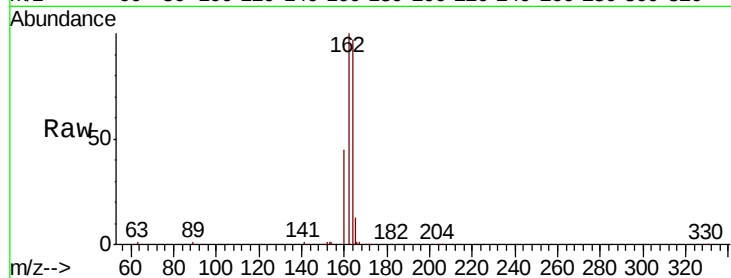
Tot Ion:164 Resp: 20889

Ion Ratio Lower Upper

164 100

162 102.9 82.8 124.2

160 46.7 38.0 57.0

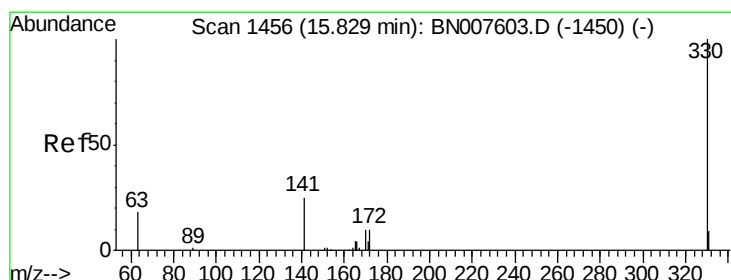
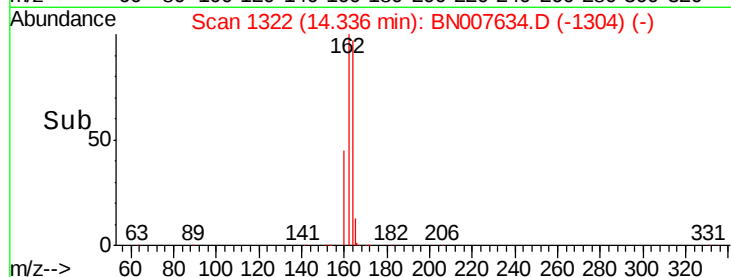
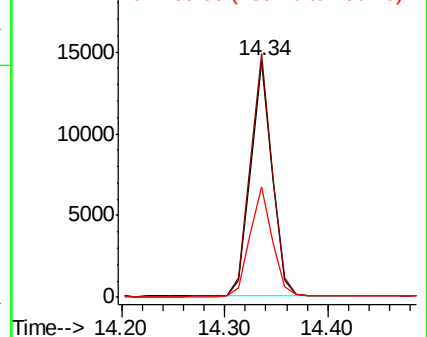


Abundance

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: 0.222 ng

RT: 15.83 min Scan# 1456

Delta R.T. -0.00 min

Lab File: BN007634.D

Acq: 13 Sep 2019 19:25

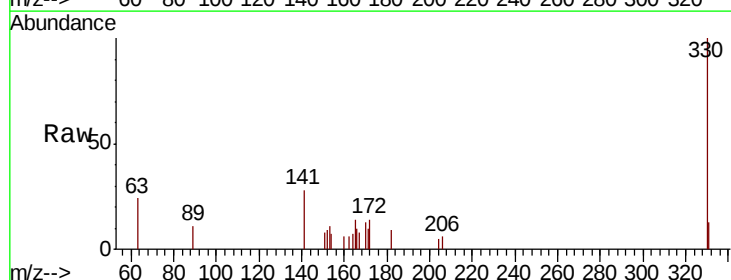
Tgt Ion:330 Resp: 1757

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 39.7 30.1 45.1

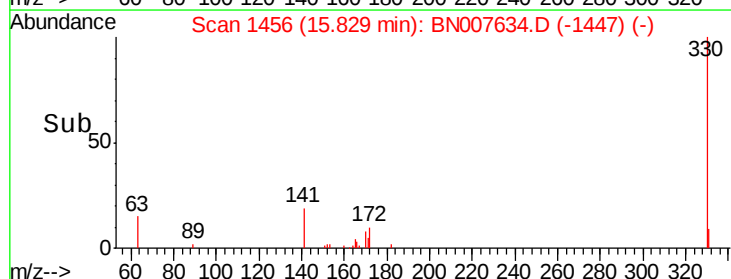
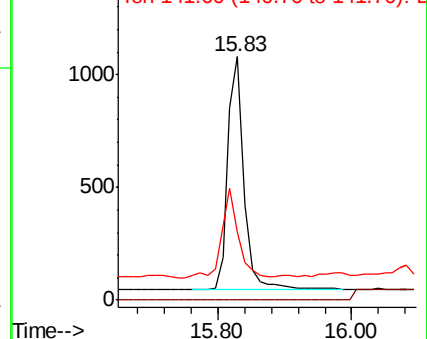


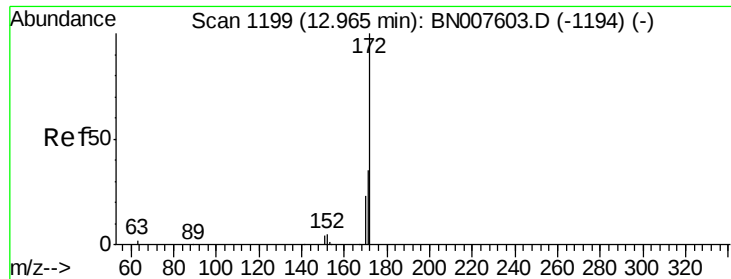
Abundance

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

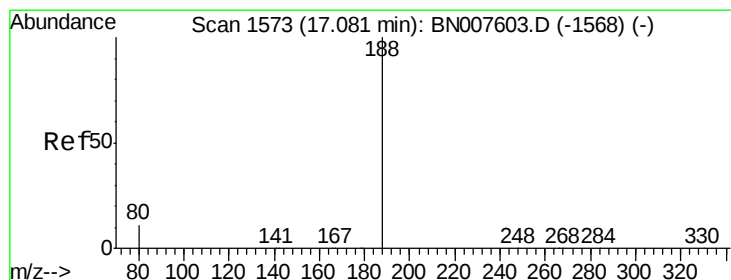
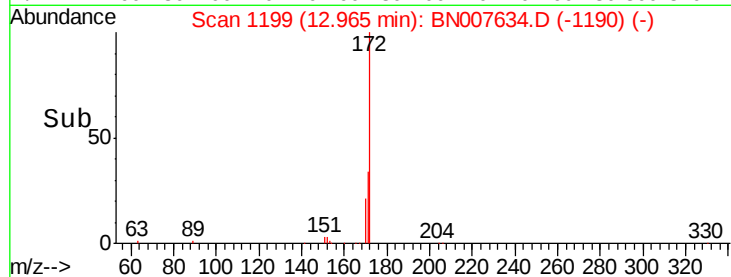
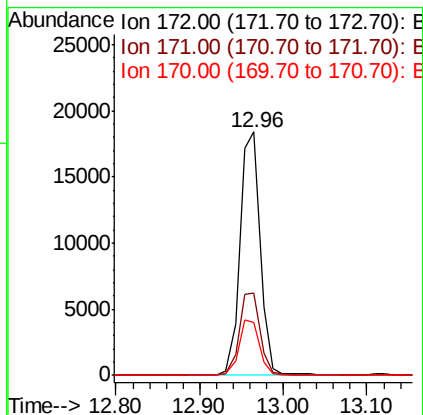
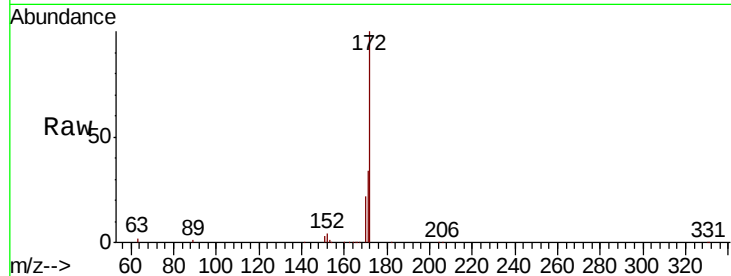




#15
2-Fluorobiphenyl
Concen: 0.333 ng
RT: 12.96 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BN007634.D
Acq: 13 Sep 2019 19:25

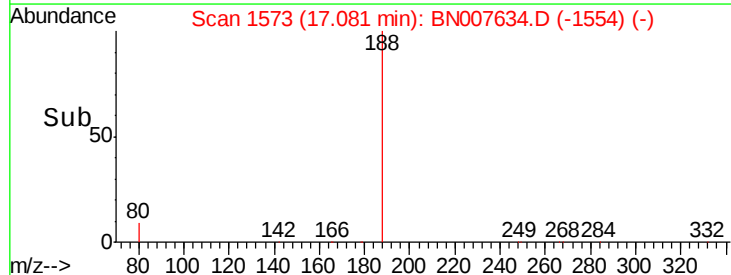
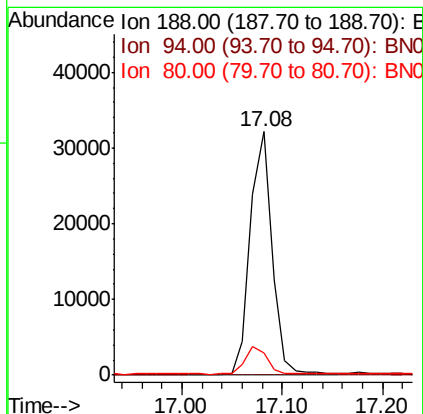
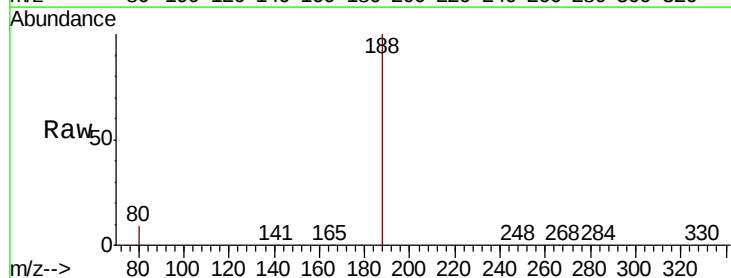
Instrument :
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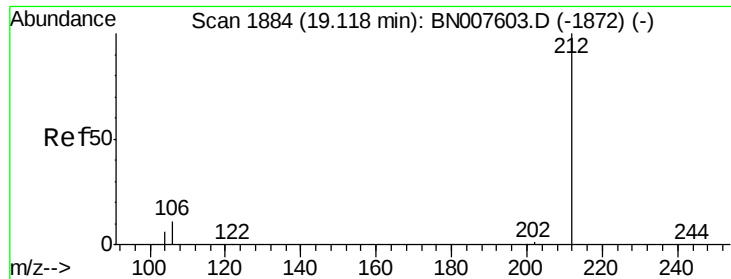
Tot Ion:172 Resp: 30379
Ion Ratio Lower Upper
172 100
171 34.0 27.9 41.9
170 21.6 18.5 27.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BN007634.D
Acq: 13 Sep 2019 19:25

Tgt Ion:188 Resp: 48734
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.0 8.8 13.2

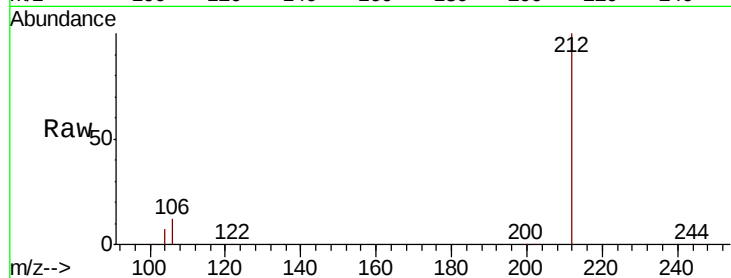




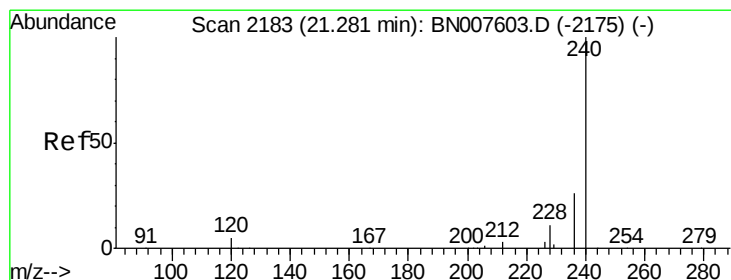
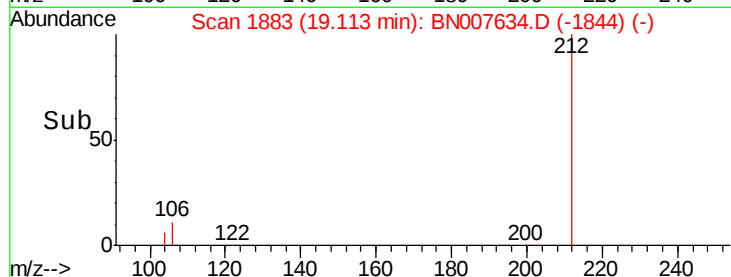
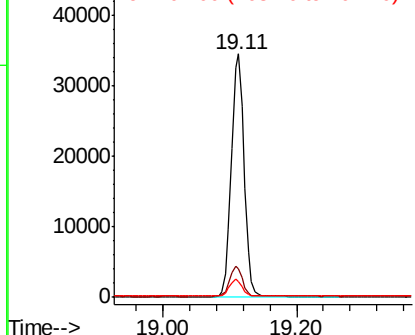
#25
 Fluoranthene-d10
 Concen: 0.302 ng
 RT: 19.11 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: BN007634.D
 Acq: 13 Sep 2019 19:25

Instrument :
 BNA_N
 ClientSampleId :
 MW202D-20190909

Tot Ion:212 Resp: 46451
 Ion Ratio Lower Upper
 212 100
 106 12.5 9.6 14.4
 104 6.9 5.4 8.0

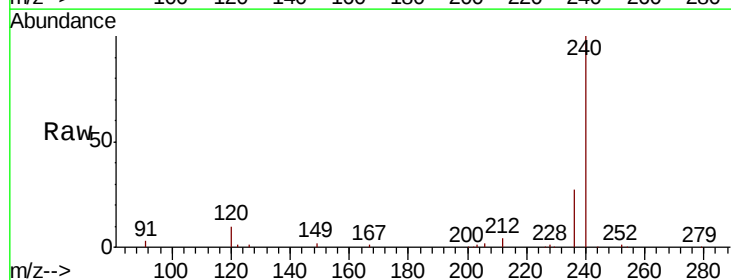


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

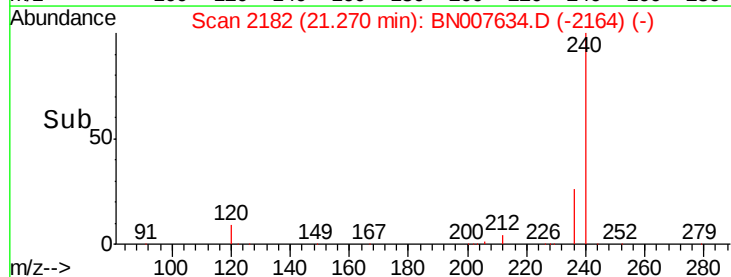
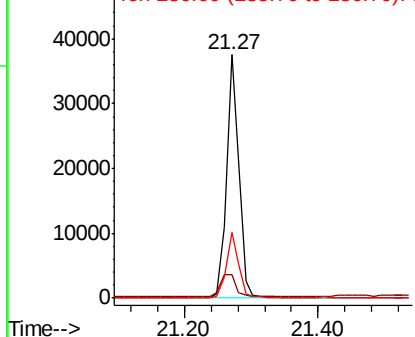


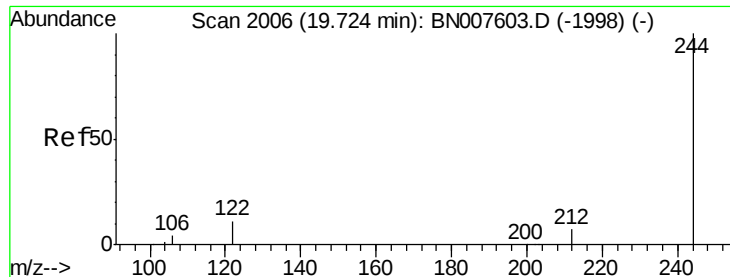
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.27 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BN007634.D
 Acq: 13 Sep 2019 19:25

Tgt Ion:240 Resp: 47346
 Ion Ratio Lower Upper
 240 100
 120 9.8 4.3 6.5#
 236 26.7 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: 0.478 ng

RT: 19.72 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BN007634.D

Acq: 13 Sep 2019 19:25

Instrument :

BNA_N

ClientSampleId :

MW202D-20190909

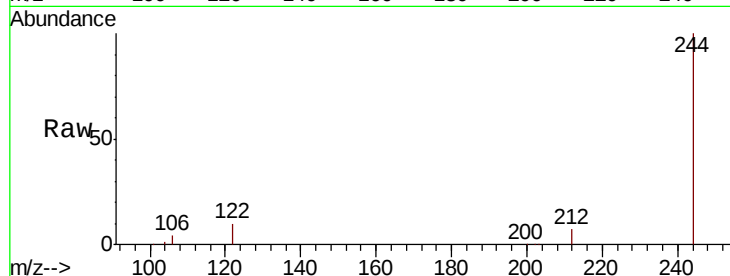
Tot Ion:244 Resp: 59680

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

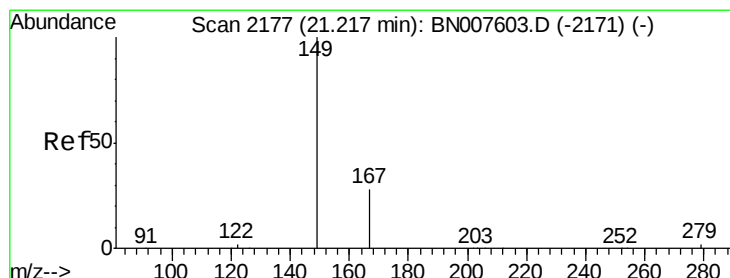
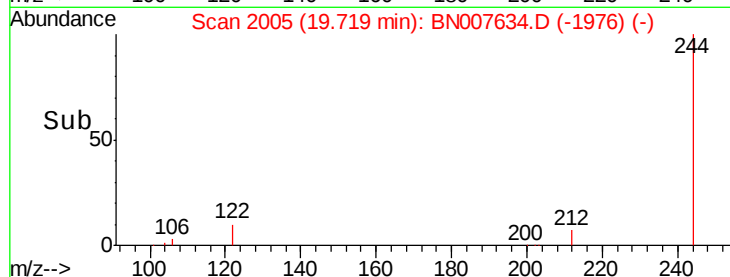
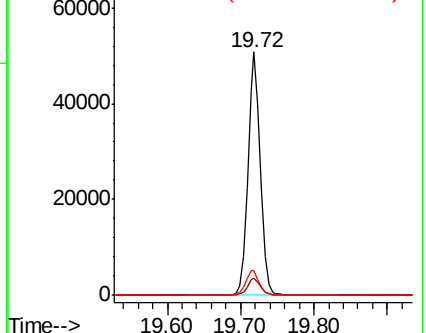
122 10.0 8.6 12.8



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: 0.123 ng

RT: 21.21 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BN007634.D

Acq: 13 Sep 2019 19:25

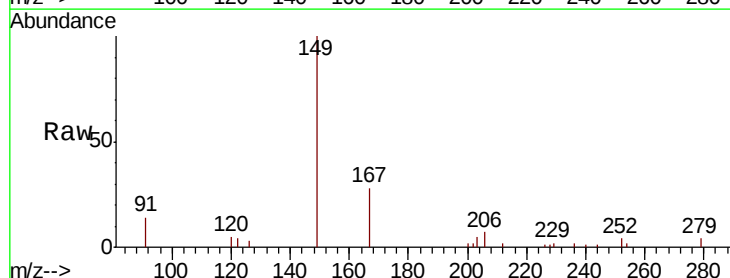
Tgt Ion:149 Resp: 7021

Ion Ratio Lower Upper

149 100

167 26.2 22.6 34.0

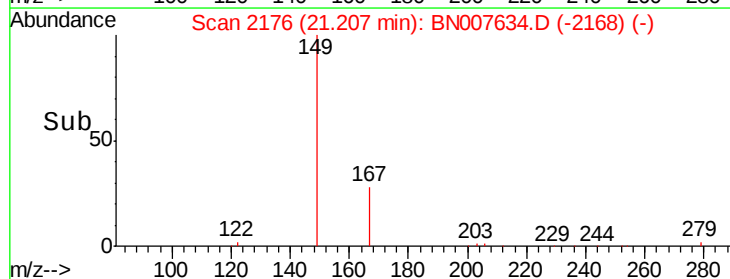
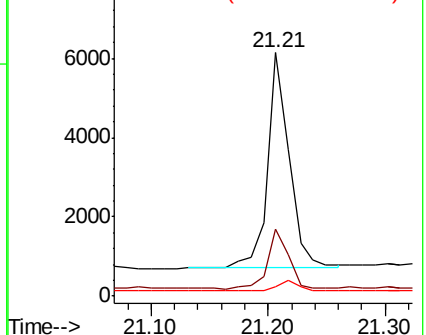
279 4.7 3.8 5.6

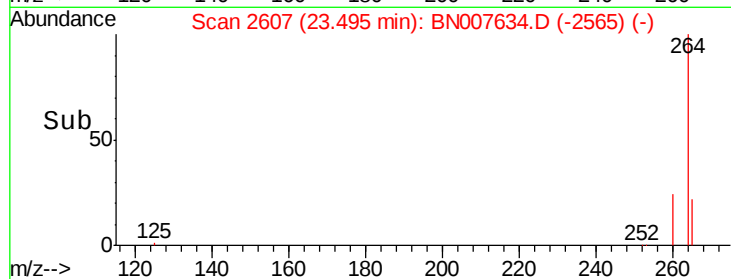
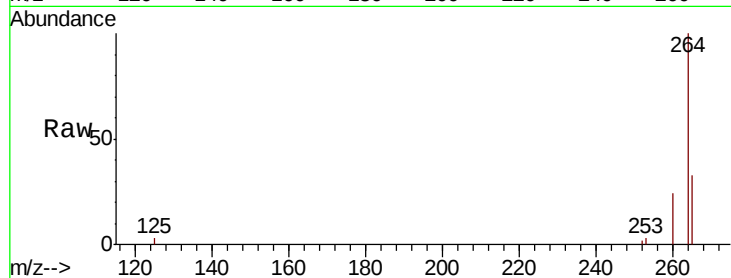
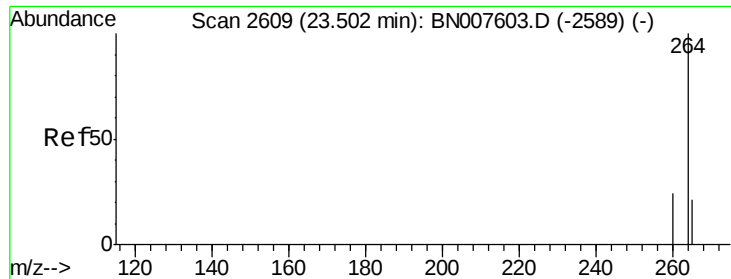


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2607

Delta R.T. -0.01 min

Lab File: BN007634.D

Acq: 13 Sep 2019 19:25

Instrument :

BNA_N

ClientSampleId :

MW202D-20190909

Tot Ion:264 Resp: 46905

Ion Ratio Lower Upper

264 100

260 24.1 19.1 28.7

265 33.0 24.6 37.0

