

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091319\
 Data File : BN007653.D
 Acq On : 14 Sep 2019 07:58
 Operator : HP/JU
 Sample : K4858-21
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE135D3-20190910

Quant Time: Sep 16 01:37:57 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

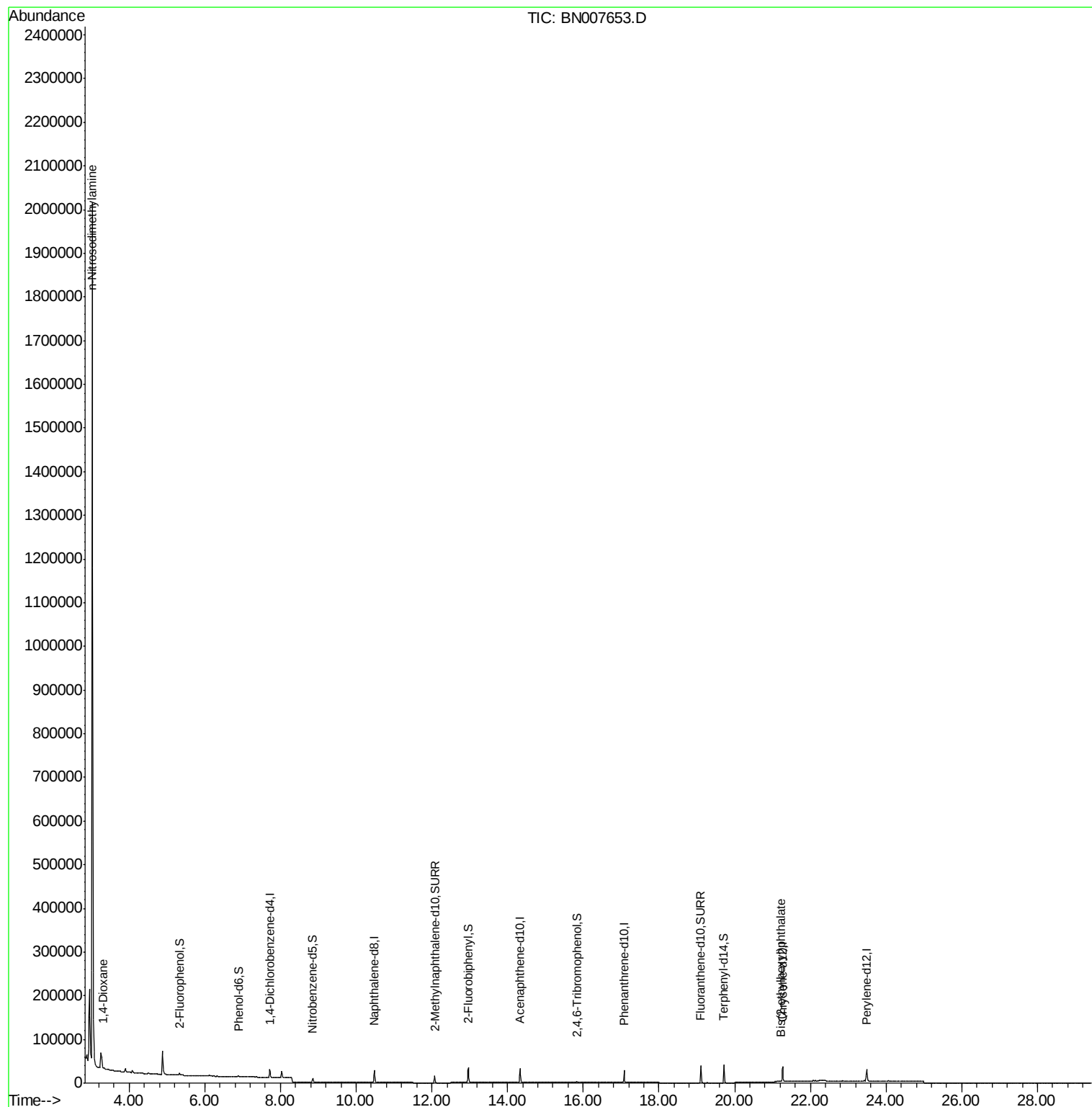
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	9067	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	34574	0.40	ng	-0.01
13) Acenaphthene-d10	14.33	164	18669	0.40	ng	0.00
19) Phenanthrene-d10	17.08	188	38698	0.40	ng	0.00
27) Chrysene-d12	21.27	240	34935	0.40	ng	0.00
34) Perylene-d12	23.49	264	35790	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	3496	0.12	ng	0.00
5) Phenol-d6	6.89	99	2794	0.09	ng	0.00
8) Nitrobenzene-d5	8.85	82	8990	0.33	ng	-0.01
11) 2-Methylnaphthalene-d10	12.07	152	21207	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	1832	0.26	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	31947	0.39	ng	0.00
25) Fluoranthene-d10	19.11	212	45966	0.38	ng	0.00
29) Terphenyl-d14	19.72	244	41813	0.45	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.33	88	1579	0.145	ng	# 68
3) n-Nitrosodimethylamine	3.03	42	174790	35.454	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.21	149	1304	0.031	ng	# 99

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

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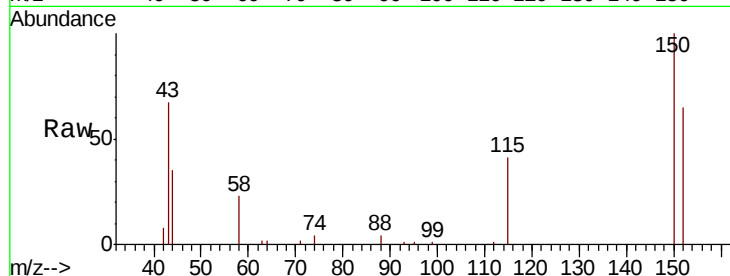


#1

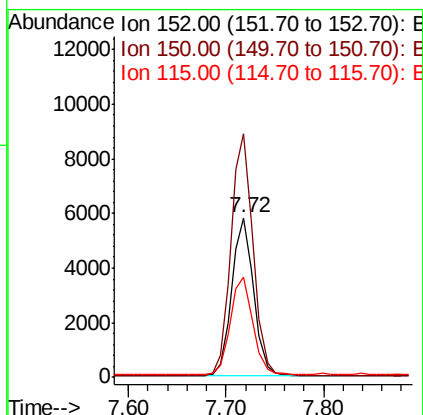
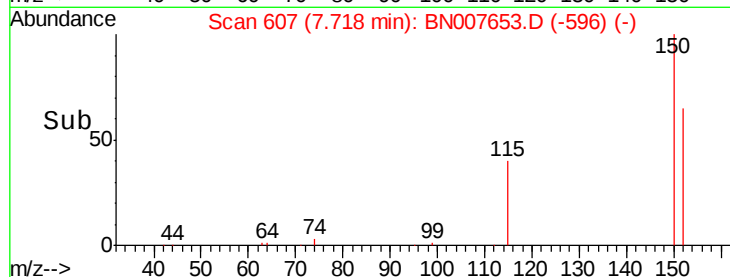
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 607
Delta R.T. -0.01 min
Lab File: BN007653.D
Acq: 14 Sep 2019 07:58

Instrument :
BNA_N
ClientSampleId :
RE135D3-20190910

Tot Ion:152 Resp: 9067
Ion Ratio Lower Upper
152 100
150 153.0 122.4 183.6
115 62.7 50.4 75.6



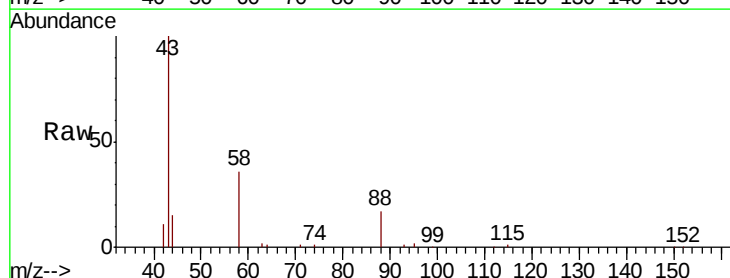
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



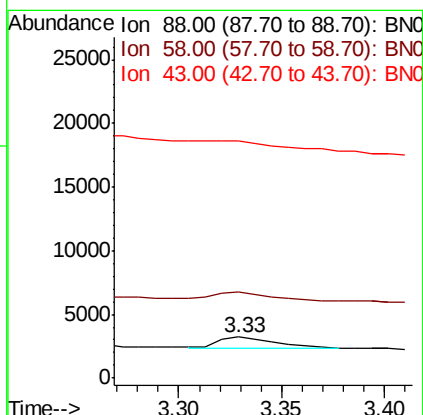
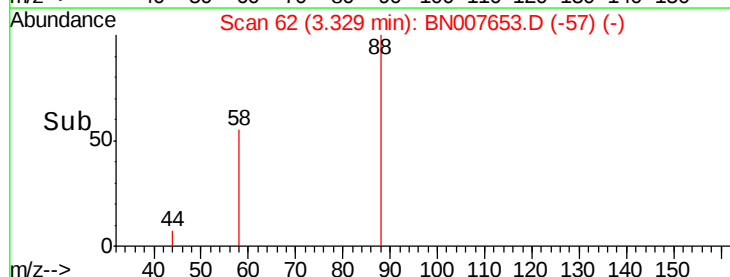
#2

1,4-Dioxane
Concen: 0.145 ng
RT: 3.33 min Scan# 62
Delta R.T. -0.01 min
Lab File: BN007653.D
Acq: 14 Sep 2019 07:58

Tgt Ion: 88 Resp: 1579
Ion Ratio Lower Upper
88 100
58 92.8 57.0 85.4#
43 0.0 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



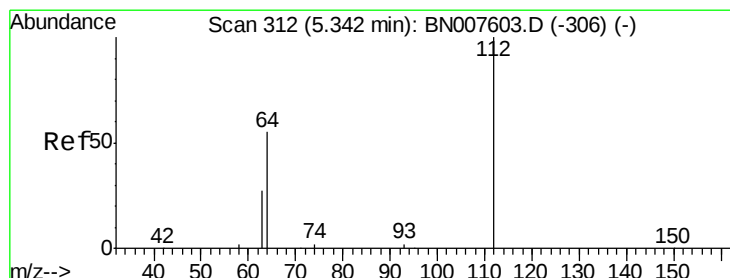
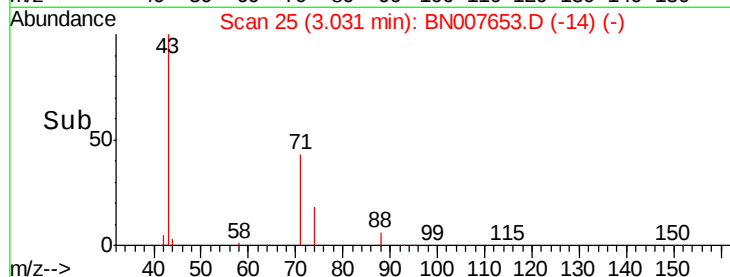
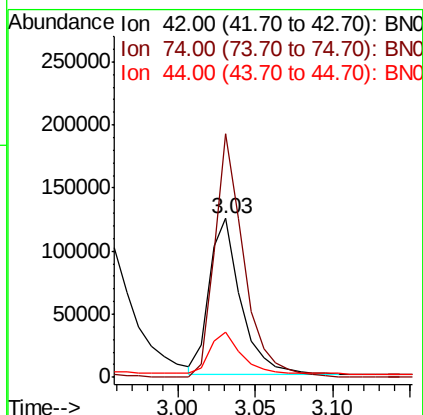
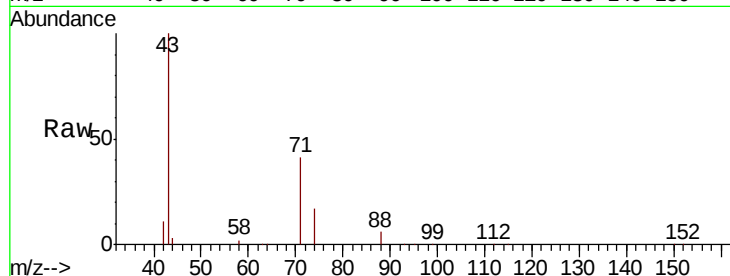


#3

n-Nitrosodimethylamine
 Concen: 35.454 ng
 RT: 3.03 min Scan# 25
 Delta R.T. -0.01 min
 Lab File: BN007653.D
 Acq: 14 Sep 2019 07:58

Instrument :
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 ClientSampleId :
 RE135D3-20190910

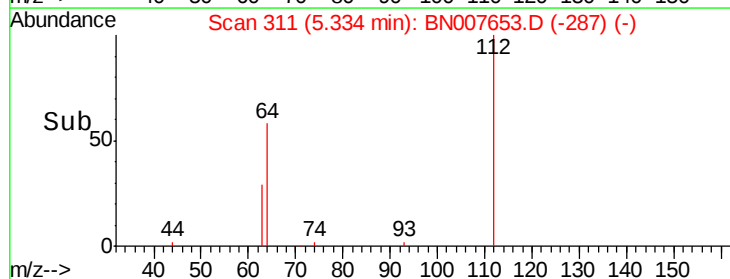
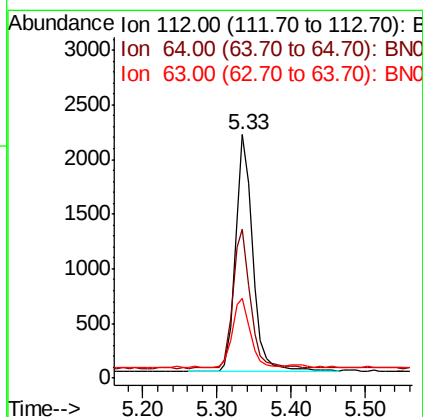
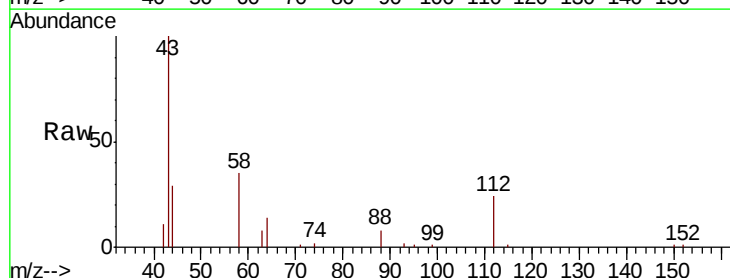
Tot Ion: 42 Resp: 174790
 Ion Ratio Lower Upper
 42 100
 74 144.9 9.8 14.8#
 44 26.4 0.0 0.0#

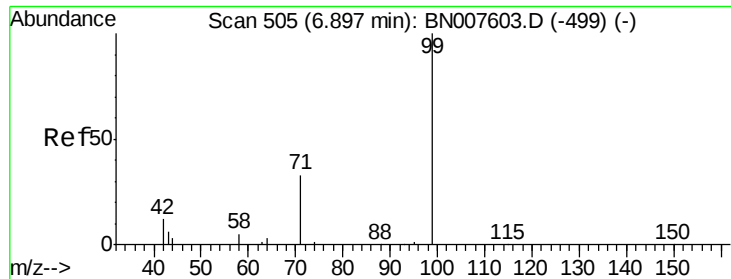


#4

2-Fluorophenol
 Concen: 0.120 ng
 RT: 5.33 min Scan# 311
 Delta R.T. -0.01 min
 Lab File: BN007653.D
 Acq: 14 Sep 2019 07:58

Tgt Ion: 112 Resp: 3496
 Ion Ratio Lower Upper
 112 100
 64 58.9 48.5 72.7
 63 30.0 24.4 36.6





#5

Phenol-d6

Concen: 0.085 ng

RT: 6.89 min Scan# 504

Delta R.T. -0.01 min

Lab File: BN007653.D

Acq: 14 Sep 2019 07:58

Instrument :

BNA_N

ClientSampleId :

RE135D3-20190910

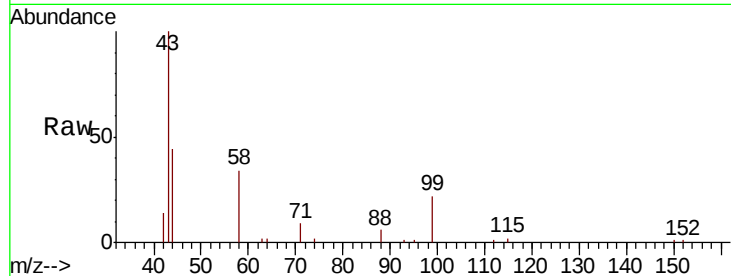
Tot Ion: 99 Resp: 2794

Ion Ratio Lower Upper

99 100

42 18.6 11.8 17.6#

71 37.6 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

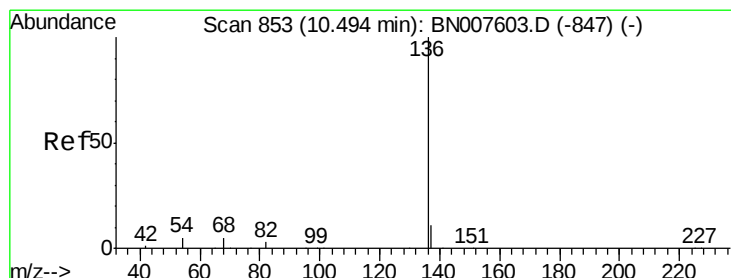
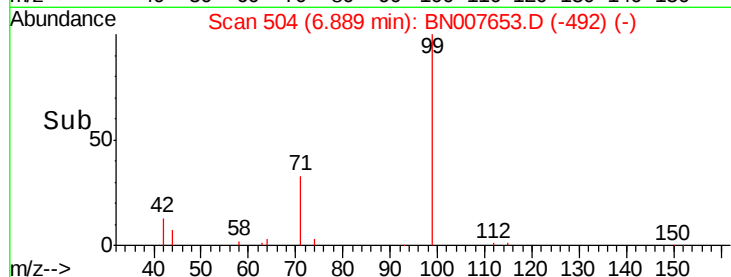
1000

500

0

6.80 6.90 7.00 7.10

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.48 min Scan# 852

Delta R.T. -0.01 min

Lab File: BN007653.D

Acq: 14 Sep 2019 07:58

Tgt Ion: 136 Resp: 34574

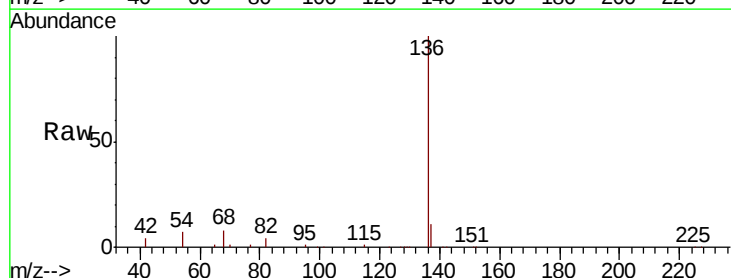
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 7.0 4.2 6.4#

68 7.6 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

25000

20000

15000

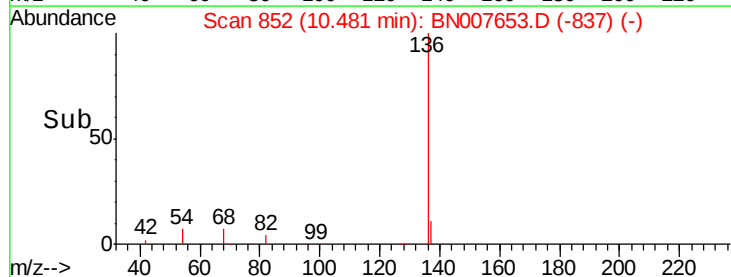
10000

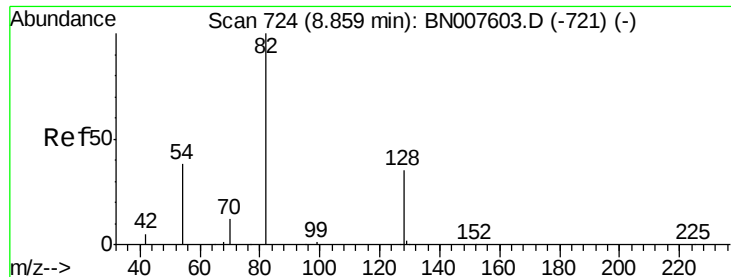
5000

0

10.40 10.50 10.60

Time-->





#8

Nitrobenzene-d5

Concen: 0.326 ng

RT: 8.85 min Scan# 723

Delta R.T. -0.01 min

Lab File: BN007653.D

Acq: 14 Sep 2019 07:58

Instrument :

BNA_N

ClientSampleId :

RE135D3-20190910

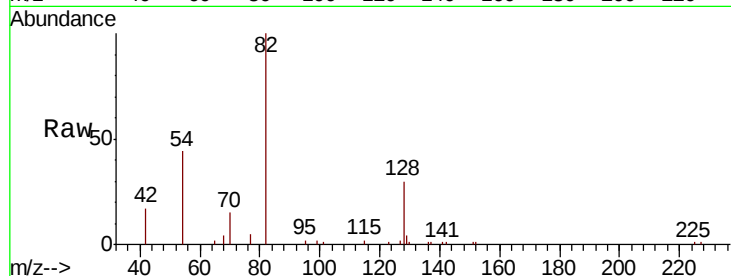
Tot Ion: 82 Resp: 8990

Ion Ratio Lower Upper

82 100

128 29.7 27.9 41.9

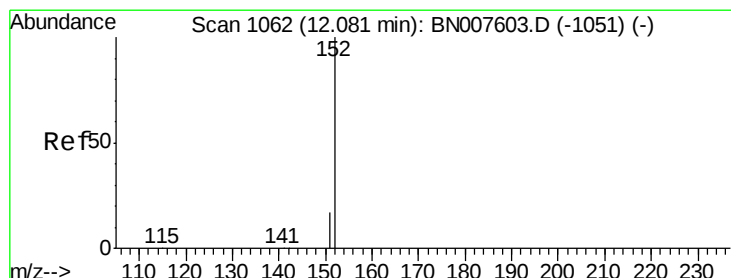
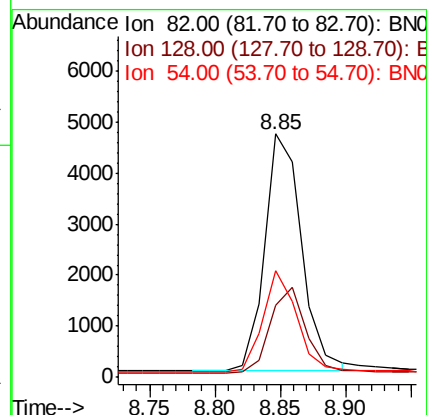
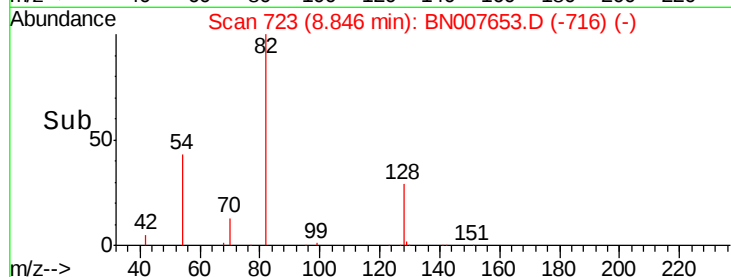
54 43.6 30.9 46.3



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): BNC

Ion 54.00 (53.70 to 54.70): BNC



#11

2-Methylnaphthalene-d10

Concen: 0.362 ng

RT: 12.07 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BN007653.D

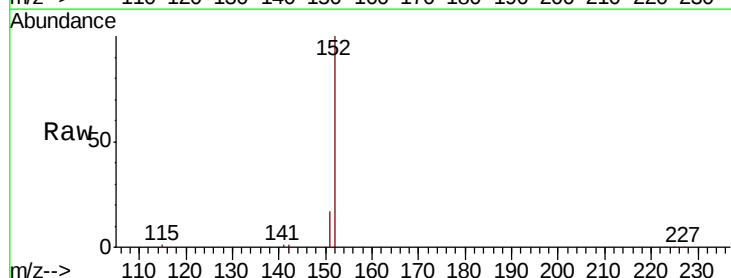
Acq: 14 Sep 2019 07:58

Tgt Ion: 152 Resp: 21207

Ion Ratio Lower Upper

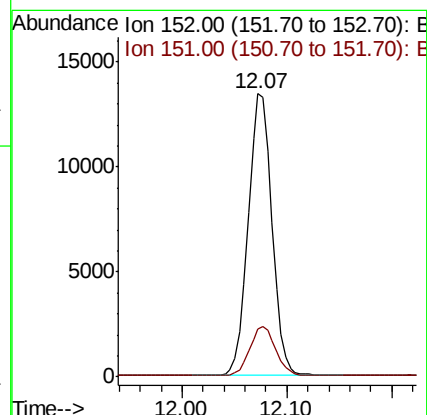
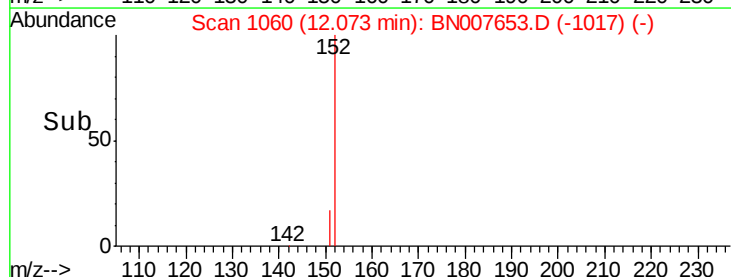
152 100

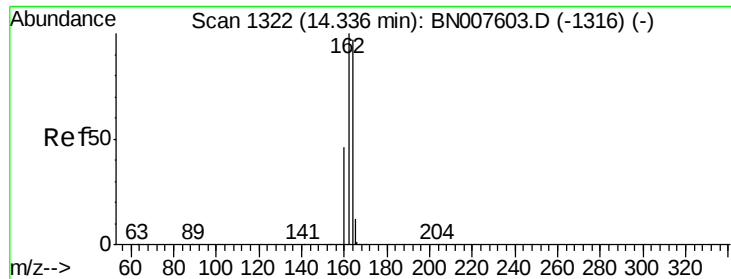
151 19.0 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): BNC

Ion 151.00 (150.70 to 151.70): BNC





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.33 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BN007653.D

Acq: 14 Sep 2019 07:58

Instrument :

BNA_N

ClientSampleId :

RE135D3-20190910

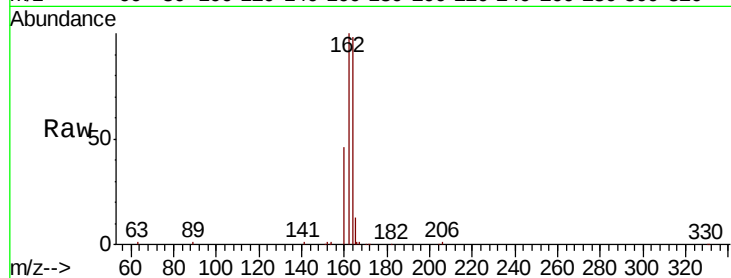
Tot Ion:164 Resp: 18669

Ion Ratio Lower Upper

164 100

162 102.3 82.8 124.2

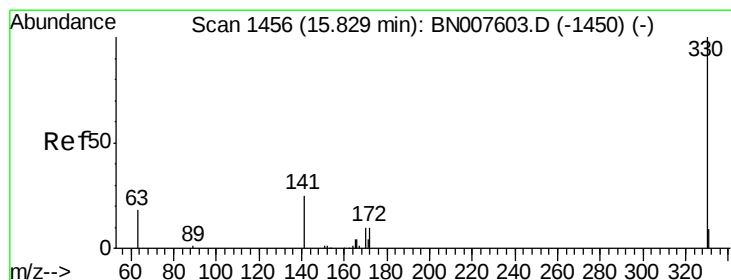
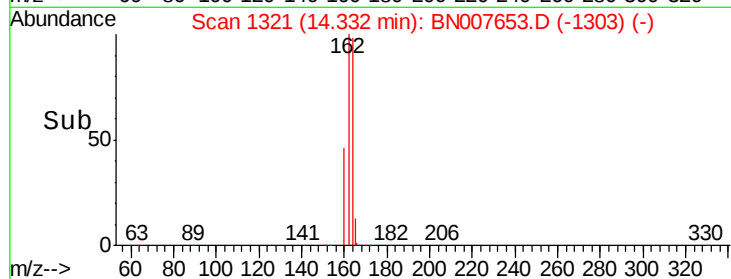
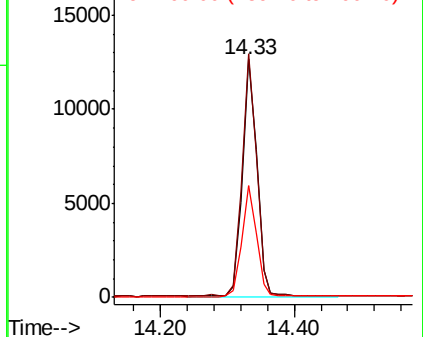
160 46.9 38.0 57.0



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: 0.260 ng

RT: 15.82 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BN007653.D

Acq: 14 Sep 2019 07:58

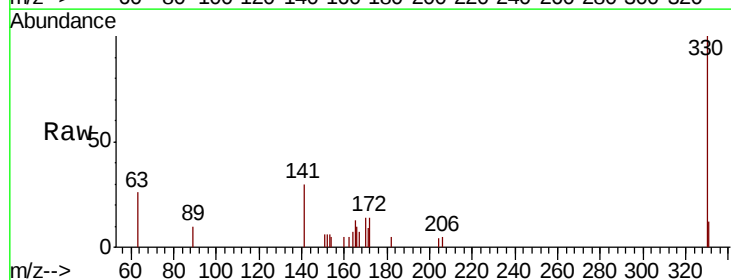
Tgt Ion:330 Resp: 1832

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

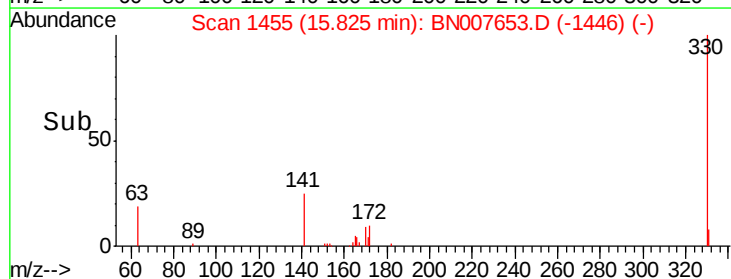
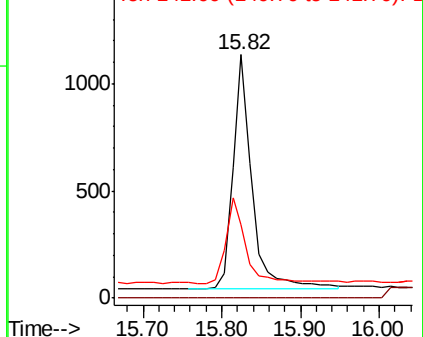
141 38.3 30.1 45.1

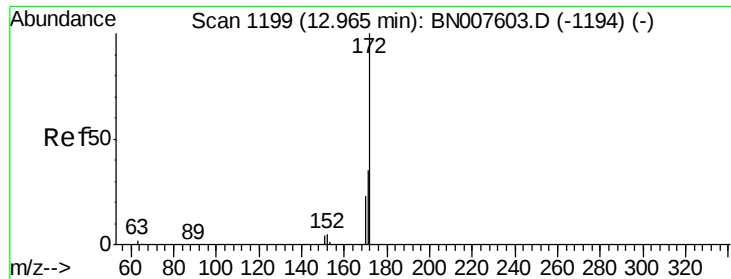


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

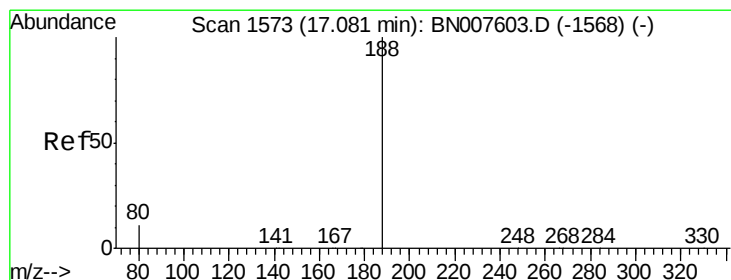
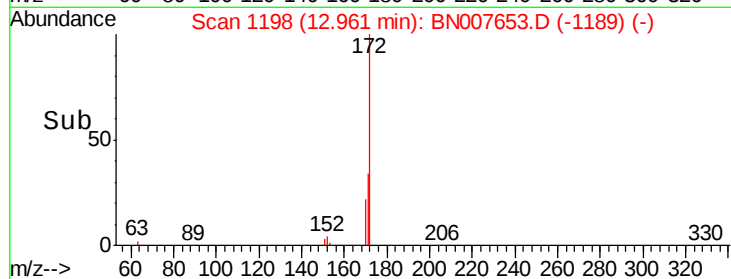
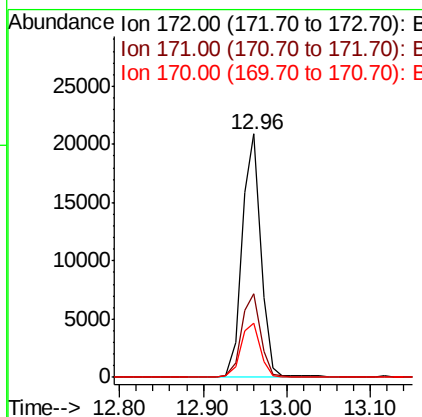
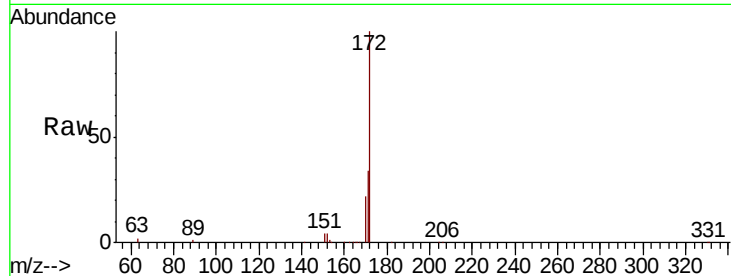




#15
2-Fluorobiphenyl
Concen: 0.392 ng
RT: 12.96 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BN007653.D
Acq: 14 Sep 2019 07:58

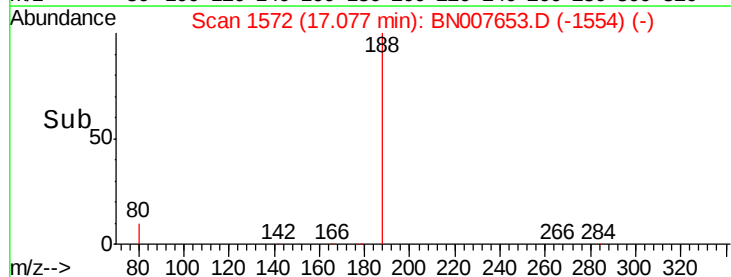
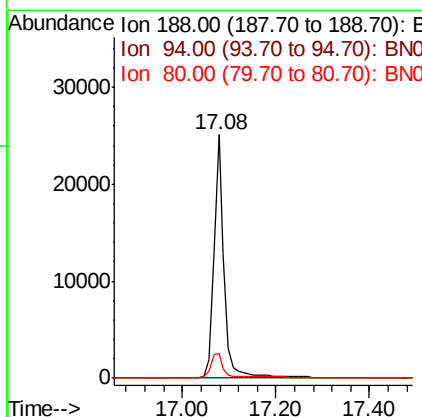
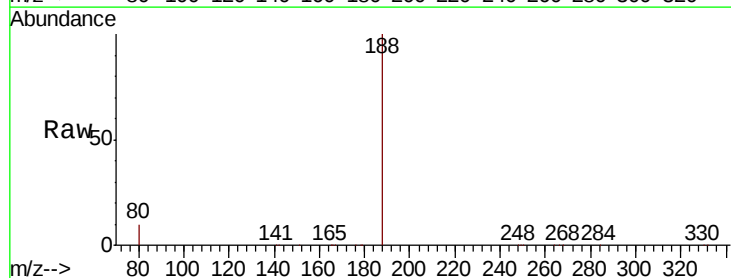
Instrument :
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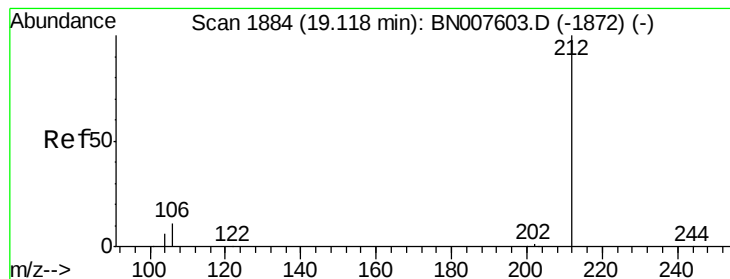
Tot Ion:172 Resp: 31947
Ion Ratio Lower Upper
172 100
171 34.2 27.9 41.9
170 22.1 18.5 27.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BN007653.D
Acq: 14 Sep 2019 07:58

Tgt Ion:188 Resp: 38698
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.1 8.8 13.2





#25

Fluoranthene-d10

Concen: 0.376 ng

RT: 19.11 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BN007653.D

Acq: 14 Sep 2019 07:58

Instrument :

BNA_N

ClientSampleId :

RE135D3-20190910

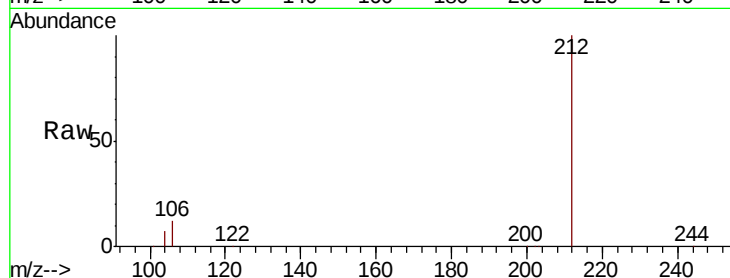
Tot Ion:212 Resp: 45966

Ion Ratio Lower Upper

212 100

106 12.3 9.6 14.4

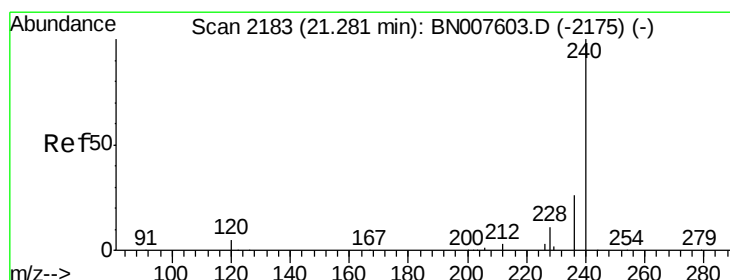
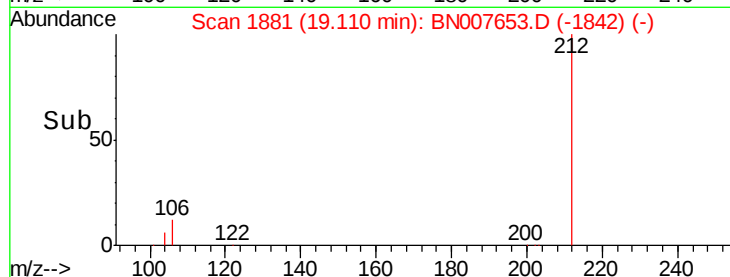
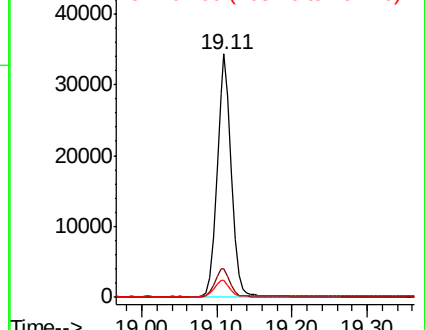
104 6.8 5.4 8.0



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# 2181

Delta R.T. -0.01 min

Lab File: BN007653.D

Acq: 14 Sep 2019 07:58

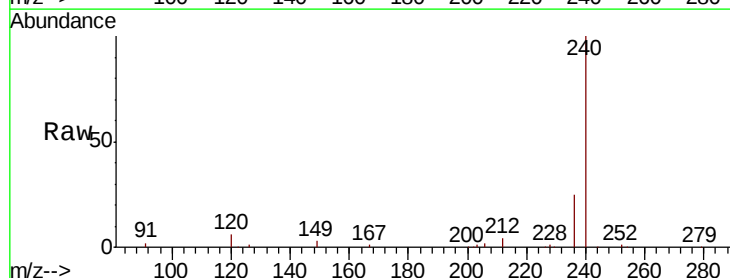
Tgt Ion:240 Resp: 34935

Ion Ratio Lower Upper

240 100

120 5.7 4.3 6.5

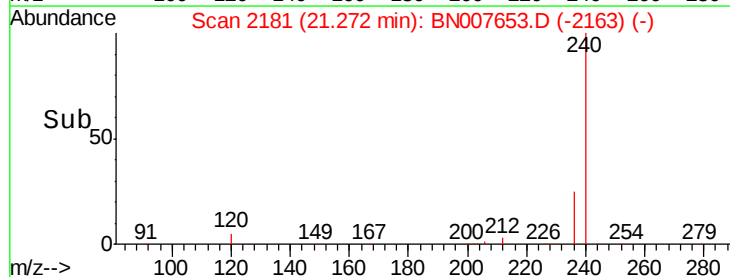
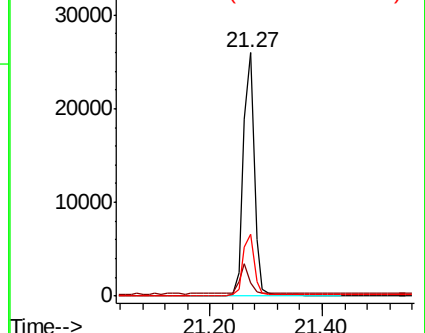
236 25.2 20.8 31.2

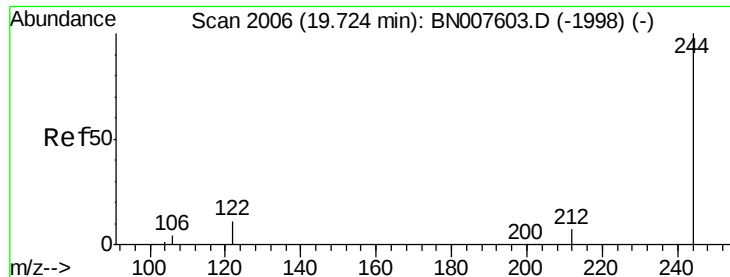


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.454 ng

RT: 19.72 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BN007653.D

Acq: 14 Sep 2019 07:58

Instrument :

BNA_N

ClientSampleId :

RE135D3-20190910

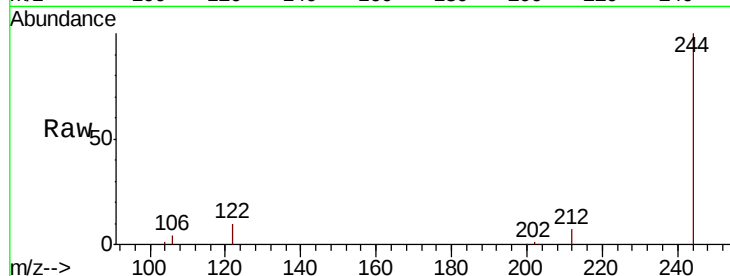
Tot Ion:244 Resp: 41813

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

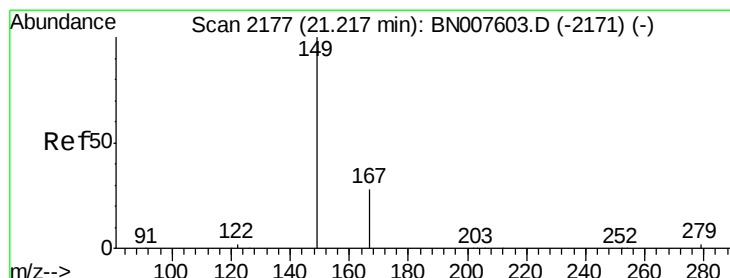
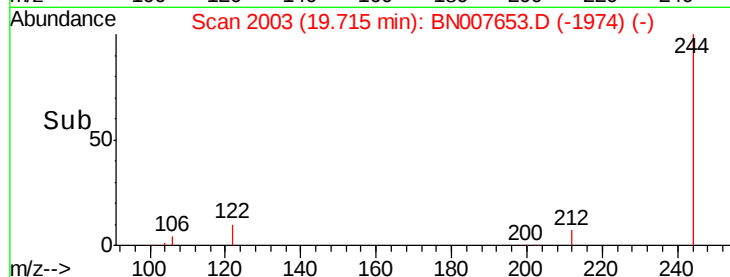
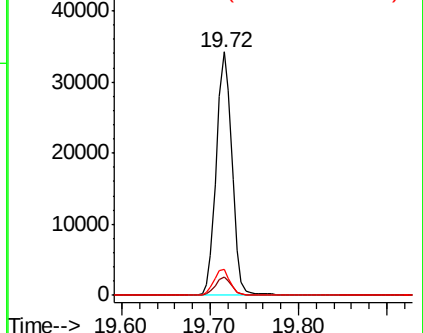
122 10.4 8.6 12.8



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: 0.031 ng

RT: 21.21 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BN007653.D

Acq: 14 Sep 2019 07:58

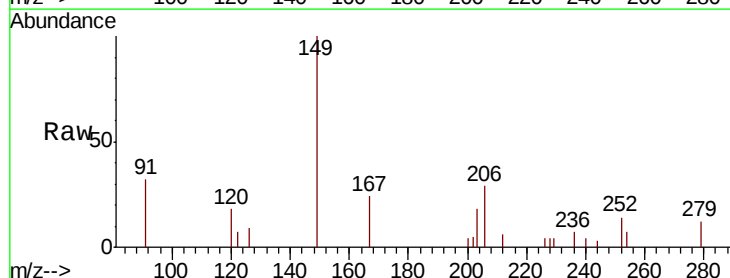
Tgt Ion:149 Resp: 1304

Ion Ratio Lower Upper

149 100

167 28.2 22.6 34.0

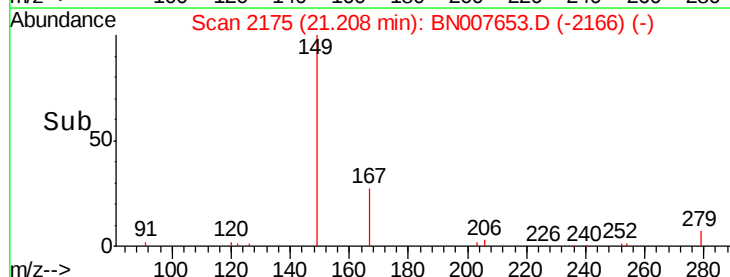
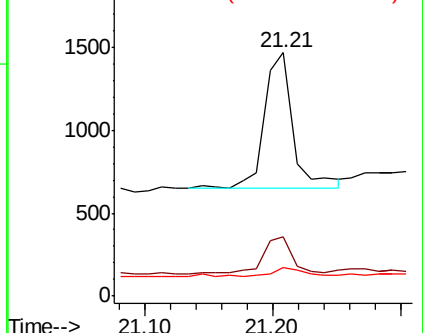
279 6.9 3.8 5.6#

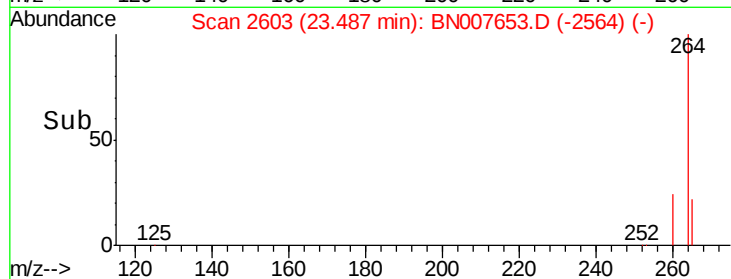
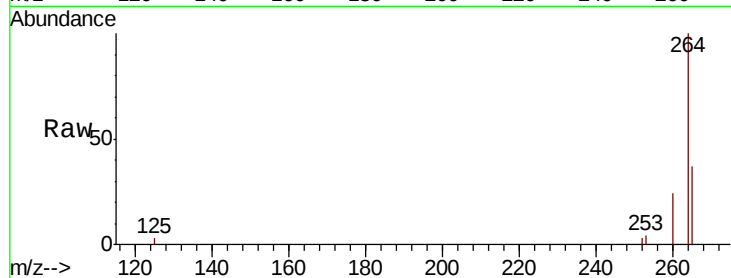
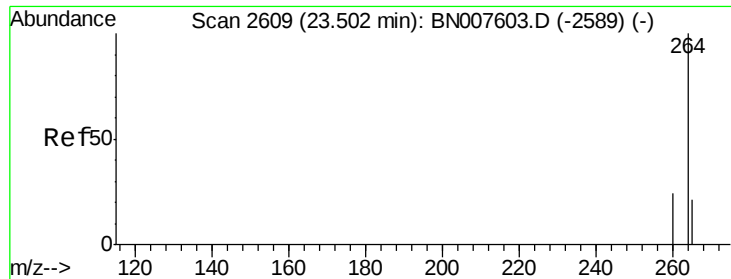


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.49 min Scan# 2603

Delta R.T. -0.02 min

Lab File: BN007653.D

Acq: 14 Sep 2019 07:58

Instrument :

BNA_N

ClientSampleId :

RE135D3-20190910

Tot Ion:264 Resp: 35790

Ion Ratio Lower Upper

264 100

260 24.0 19.1 28.7

265 37.2 24.6 37.0#

