

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

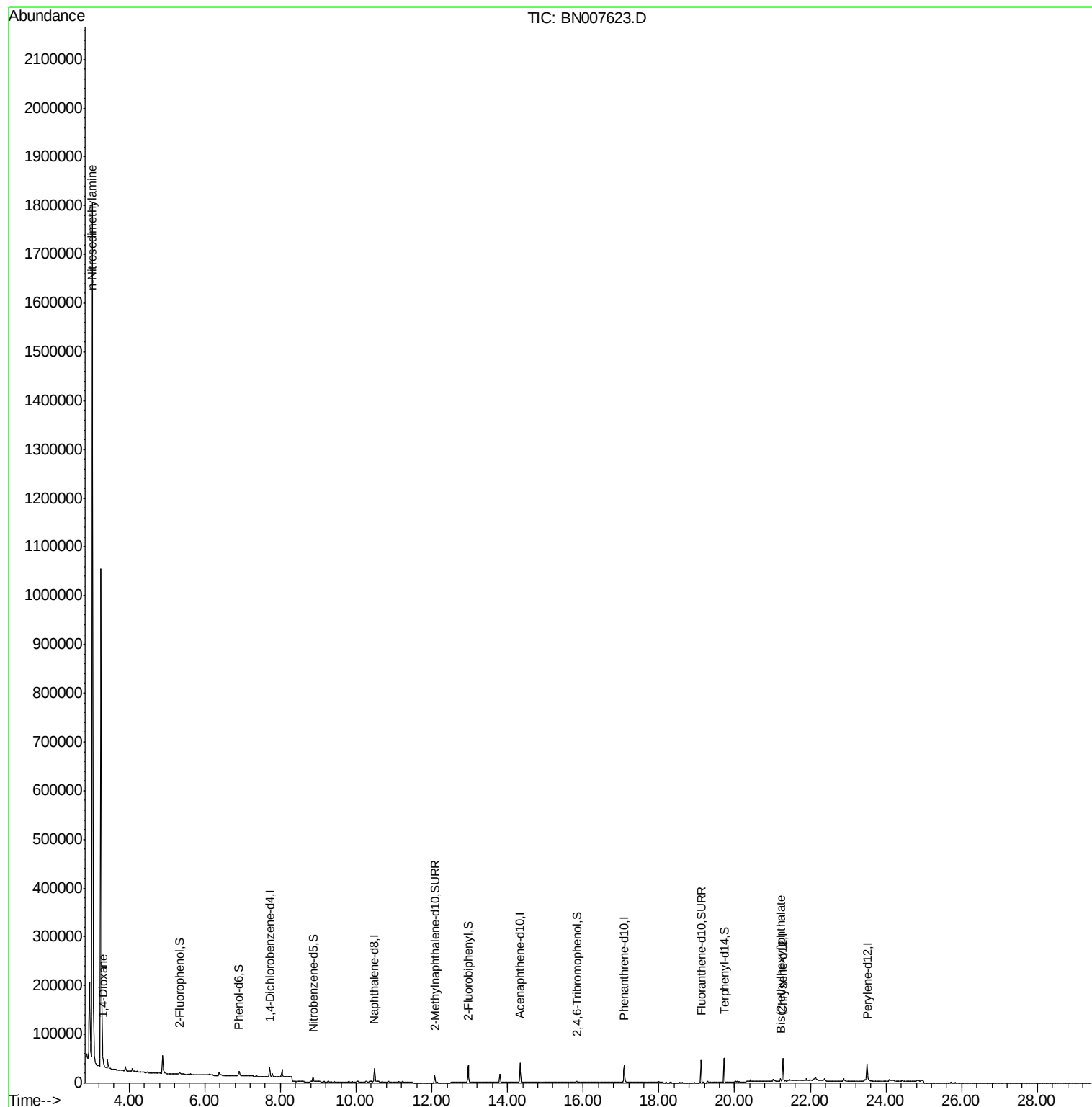
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	9462	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	38025	0.40	ng	-0.01
13) Acenaphthene-d10	14.34	164	21850	0.40	ng	0.00
19) Phenanthrene-d10	17.08	188	46915	0.40	ng	0.00
27) Chrysene-d12	21.27	240	44812	0.40	ng	-0.01
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

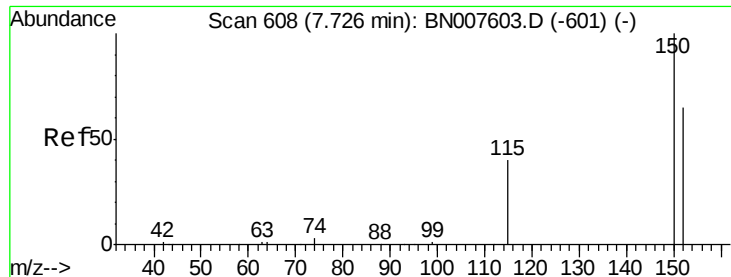
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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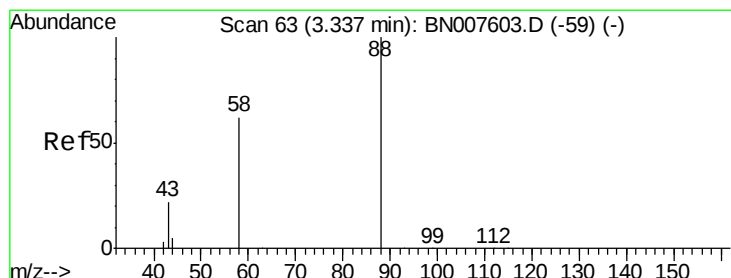
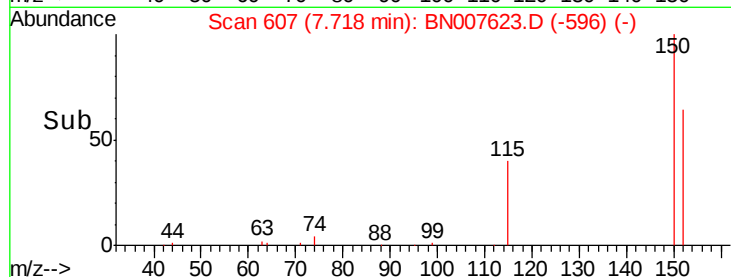
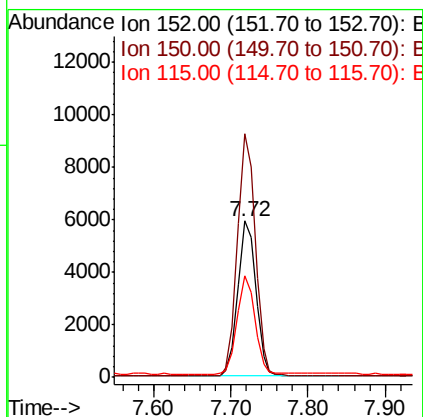
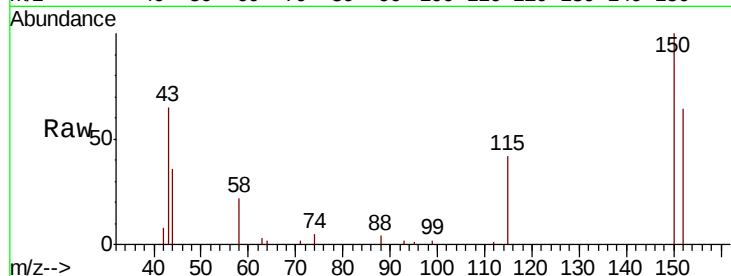


#1

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

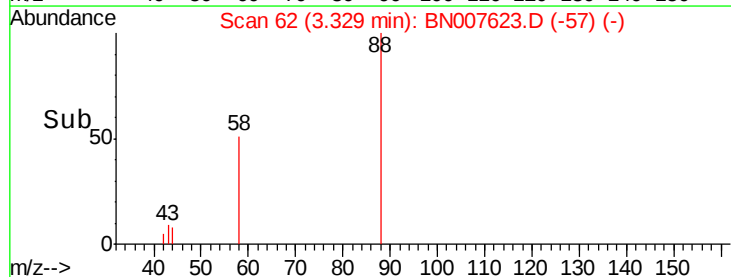
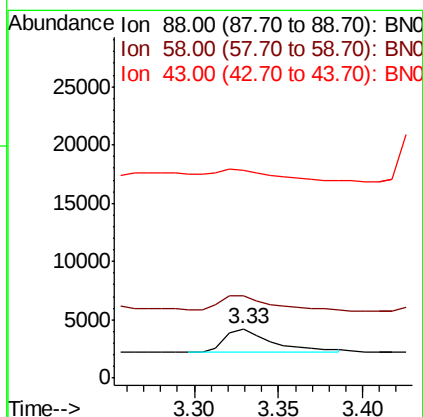
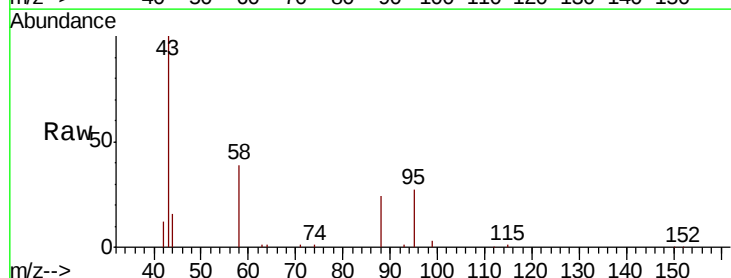
Tot Ion:152 Resp: 9462
Ion Ratio Lower Upper
152 100
150 156.0 122.4 183.6
115 64.9 50.4 75.6

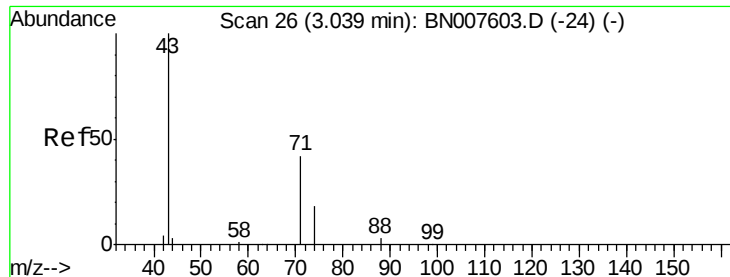


#2

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#



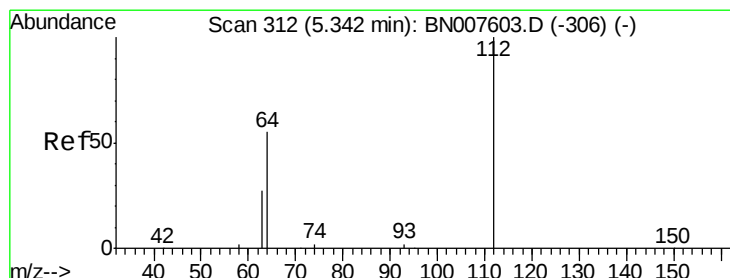
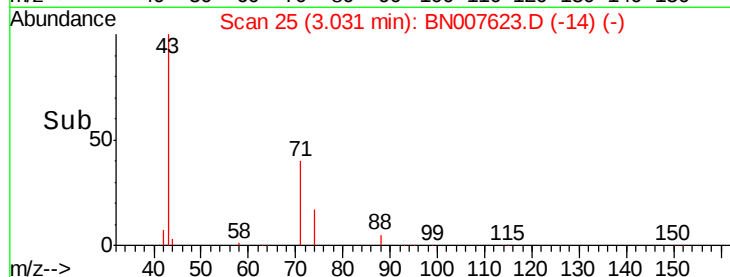
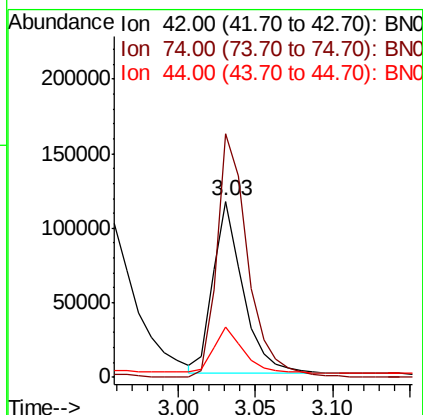
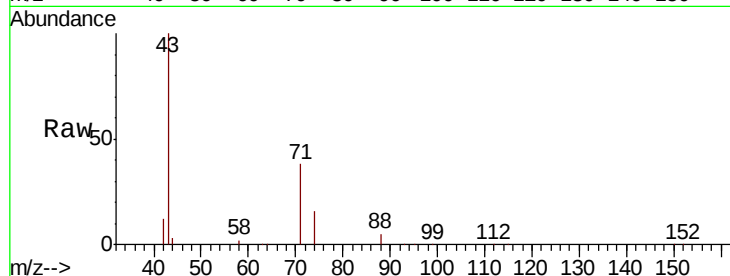


#3

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

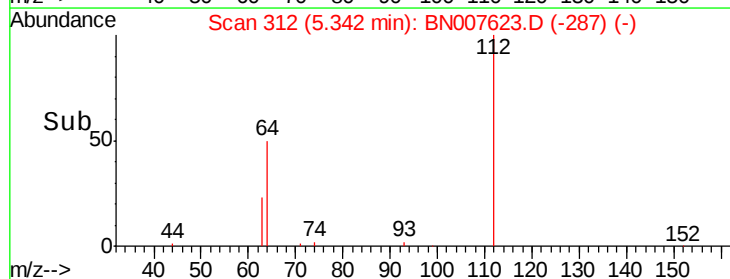
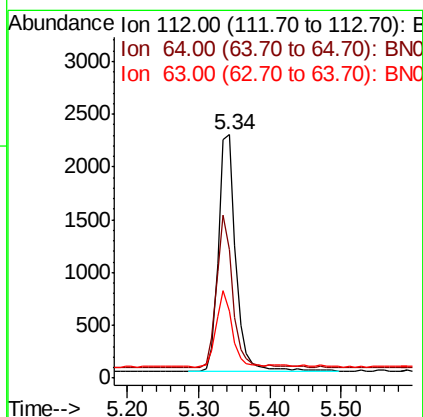
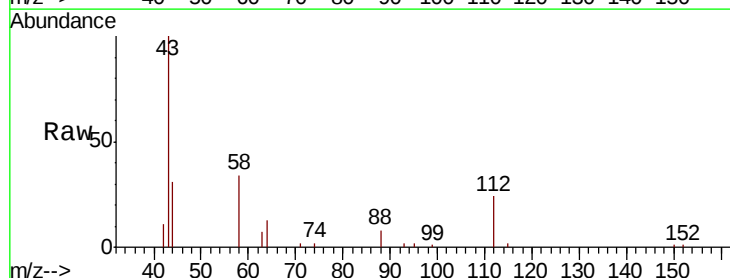
Tot Ion: 42 Resp: 155849
 Ion Ratio Lower Upper
 42 100
 74 144.8 9.8 14.8#
 44 26.6 0.0 0.0#

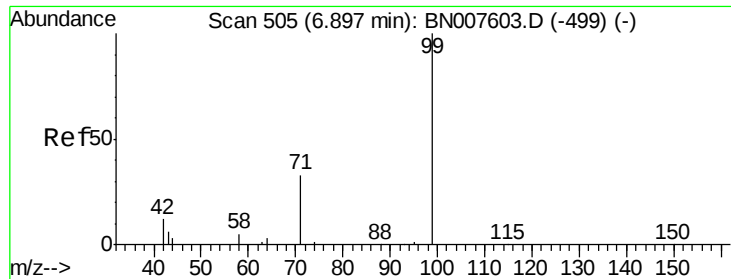


#4

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





#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

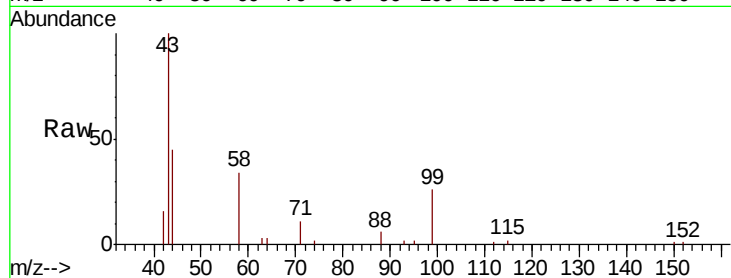
Tot Ion: 99 Resp: 3090

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): 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

2500

2000

1500

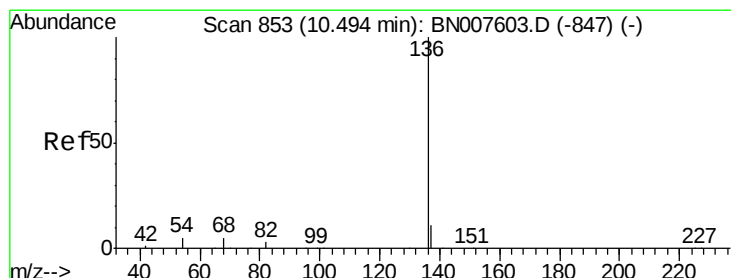
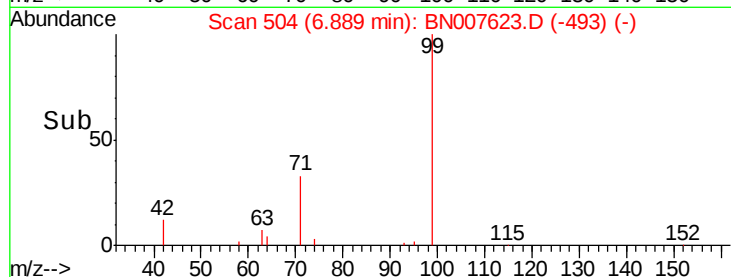
1000

500

0

6.80 6.85 6.90 6.95 7.00

Time-->



#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

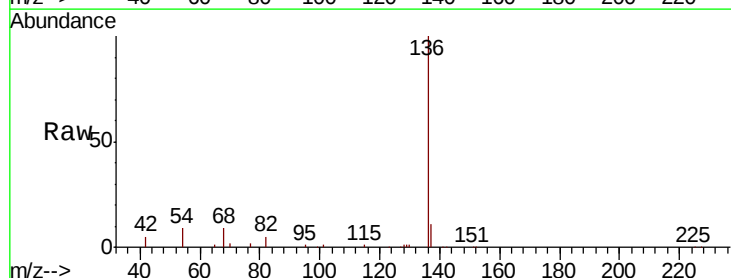
Ion Ratio Lower Upper

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): 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

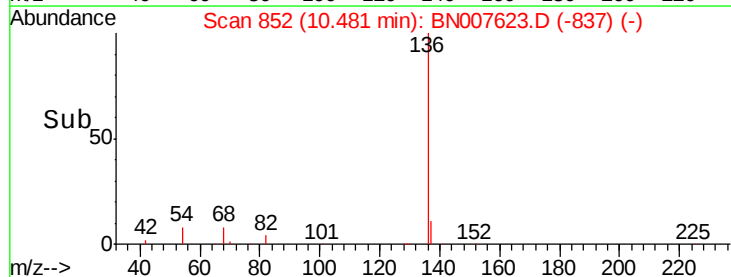
10000

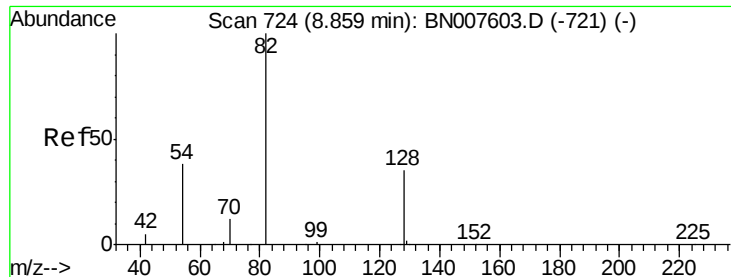
5000

0

10.40 10.50 10.60

Time-->

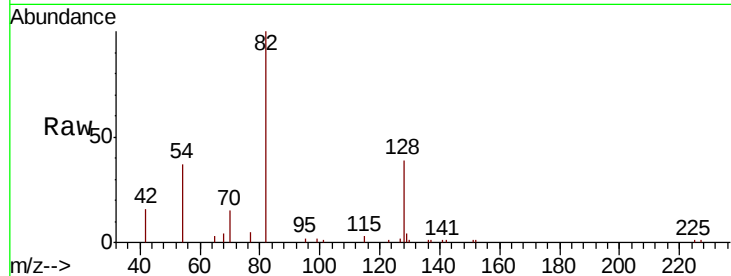




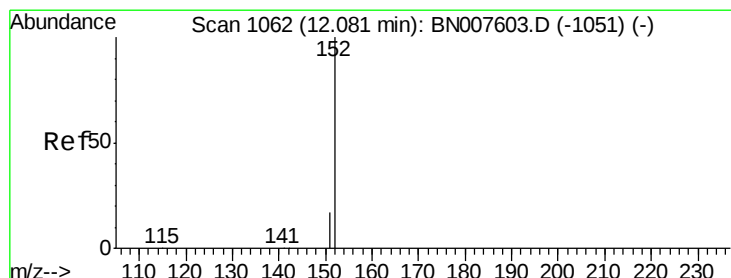
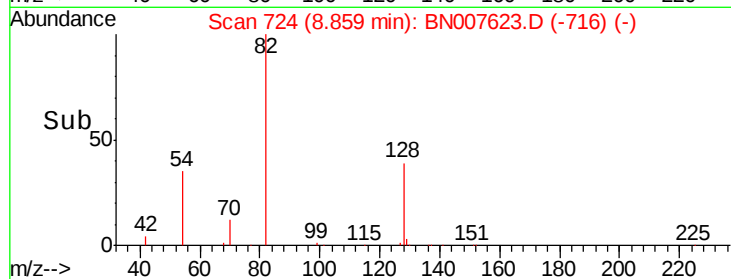
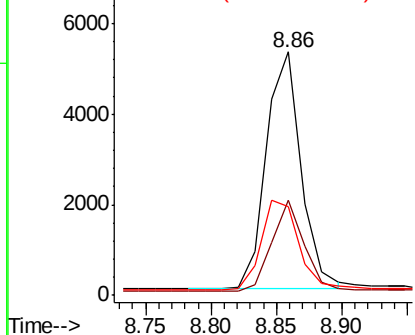
#8
Nitrobenzene-d5
Concen: 0.316 ng
RT: 8.86 min Scan# 724
Delta R.T. -0.00 min
Lab File: BN007623.D
Acq: 13 Sep 2019 12:51

Instrument :
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RE103D3-20190909

Tot Ion	82.00	Resp:	9585
Ion	Ratio	Lower	Upper
82	100		
128	39.3	27.9	41.9
54	36.7	30.9	46.3

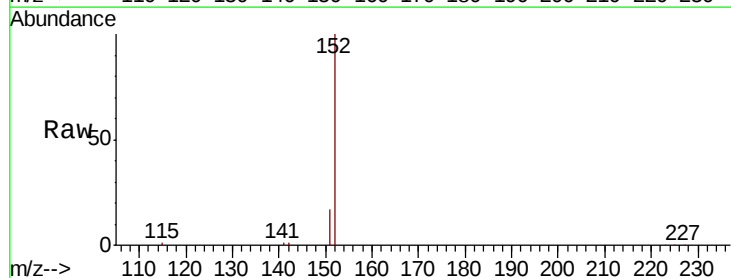


Abundance Ion 82.00 (81.70 to 82.70): BNC
Ion 128.00 (127.70 to 128.70): BNC
Ion 54.00 (53.70 to 54.70): BNC

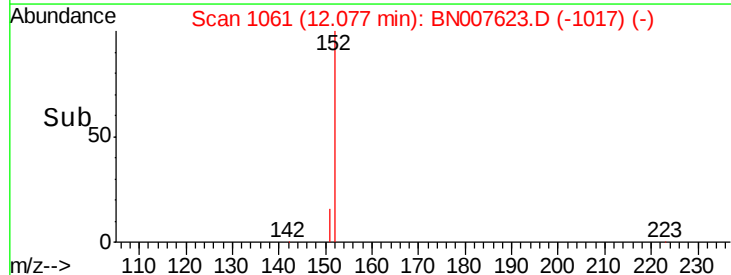
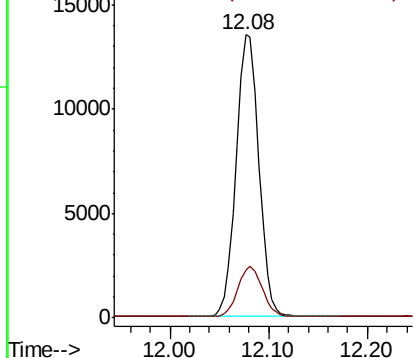


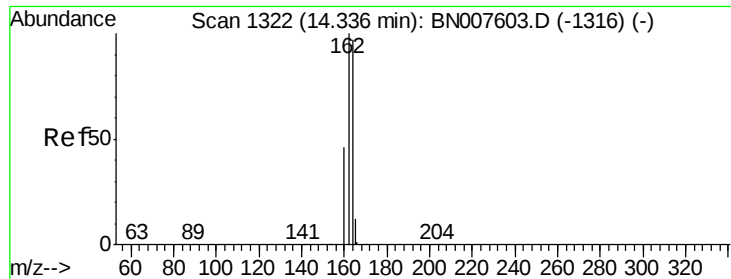
#11
2-Methylnaphthalene-d10
Concen: 0.336 ng
RT: 12.08 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BN007623.D
Acq: 13 Sep 2019 12:51

Tgt Ion	152.00	Resp:	21645
Ion	Ratio	Lower	Upper
152	100		
151	19.3	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: 14.34 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BN007623.D

Acq: 13 Sep 2019 12:51

Instrument :

BNA_N

ClientSampleId :

RE103D3-20190909

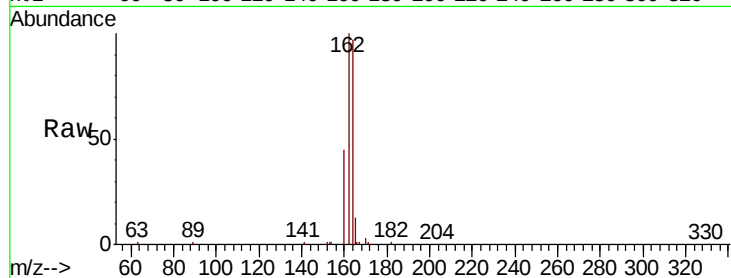
Tot Ion:164 Resp: 21850

Ion Ratio Lower Upper

164 100

162 103.2 82.8 124.2

160 46.3 38.0 57.0

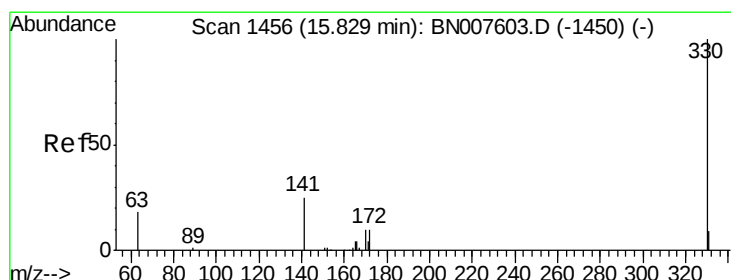
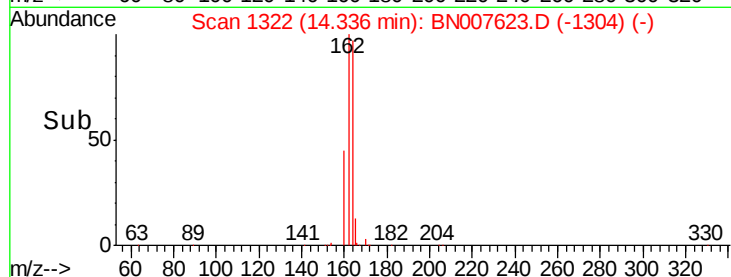
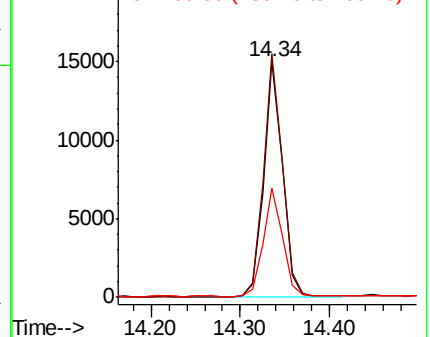


Abundance

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: 0.298 ng

RT: 15.83 min Scan# 1456

Delta R.T. -0.00 min

Lab File: BN007623.D

Acq: 13 Sep 2019 12:51

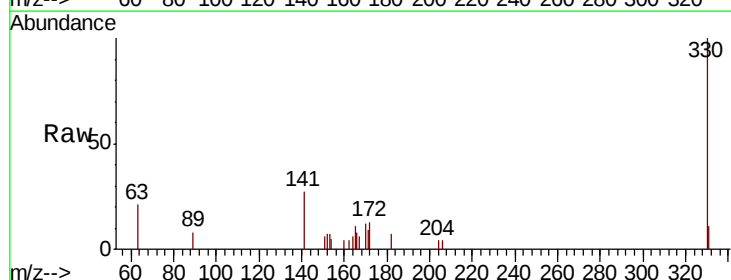
Tgt Ion:330 Resp: 2464

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 38.4 30.1 45.1

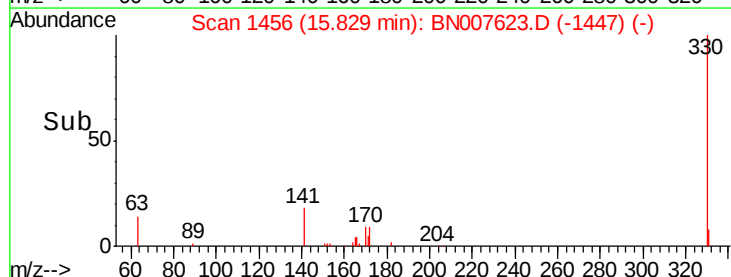
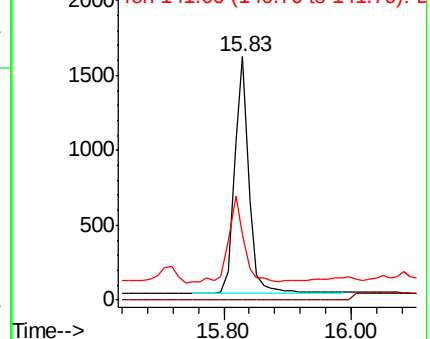


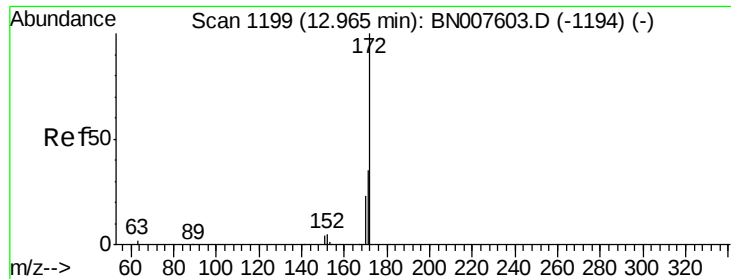
Abundance

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

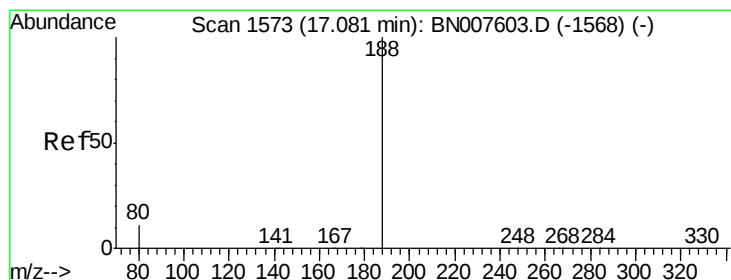
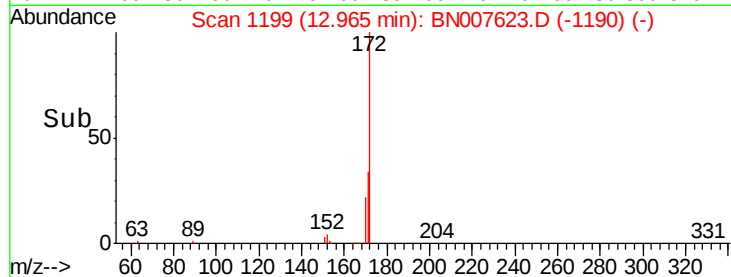
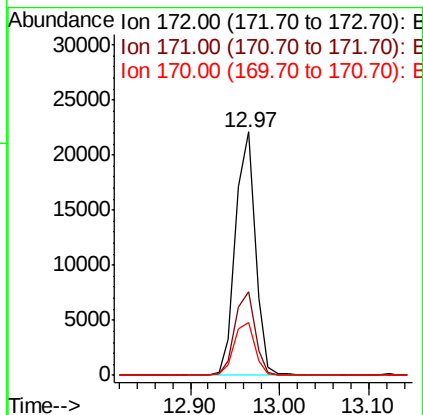
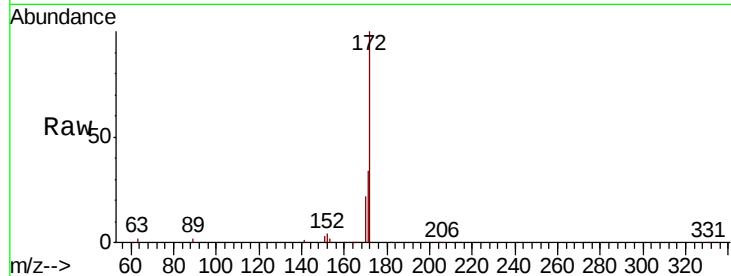




#15
2-Fluorobiphenyl
Concen: 0.354 ng
RT: 12.97 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BN007623.D
Acq: 13 Sep 2019 12:51

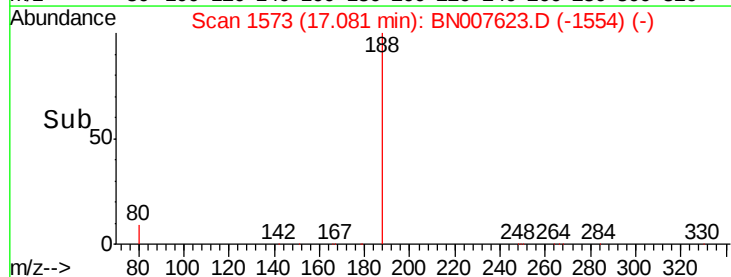
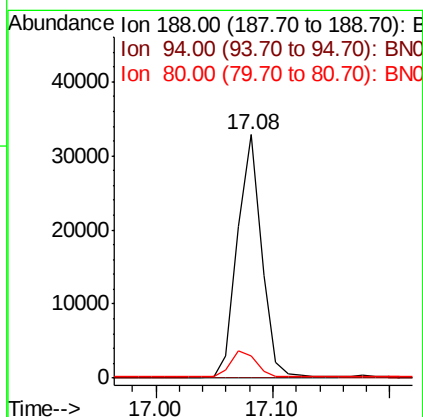
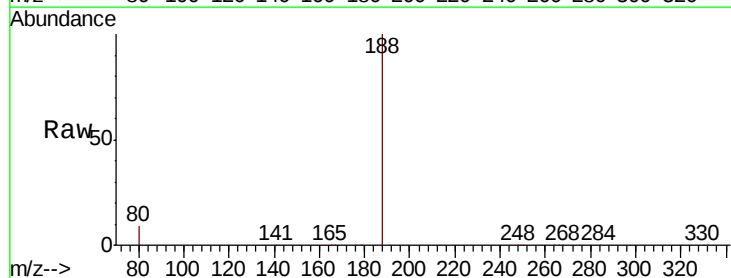
Instrument :
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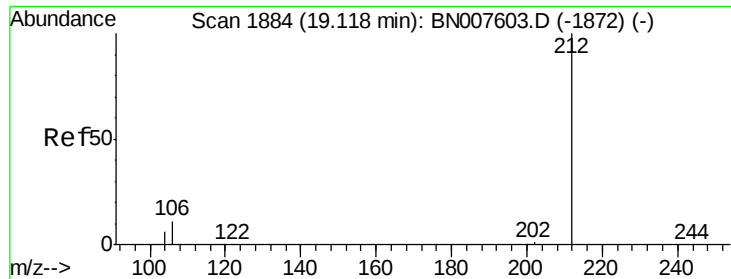
Tot Ion:172 Resp: 33762
Ion Ratio Lower Upper
172 100
171 34.2 27.9 41.9
170 21.8 18.5 27.7



#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

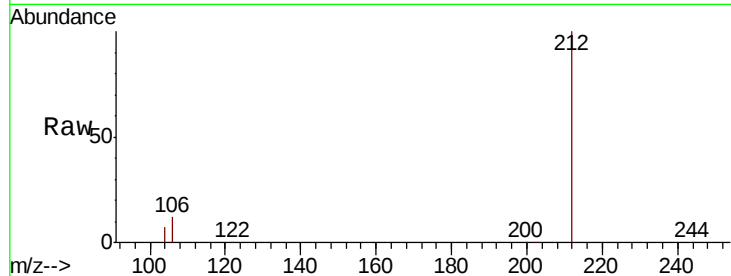




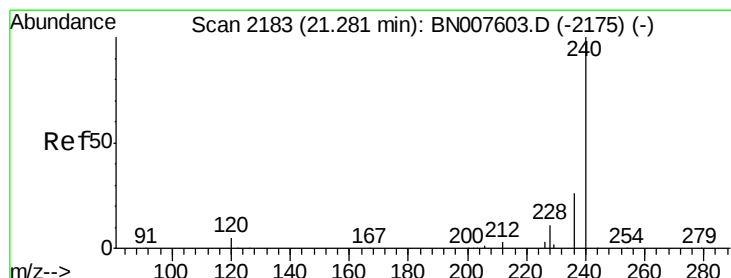
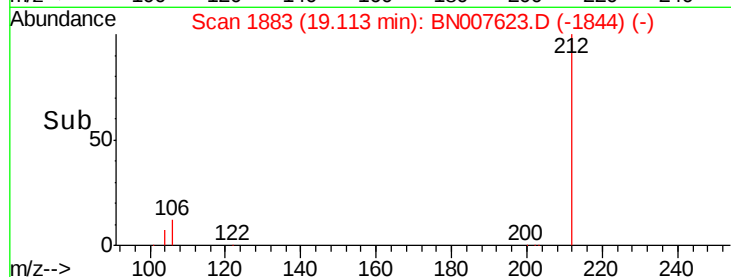
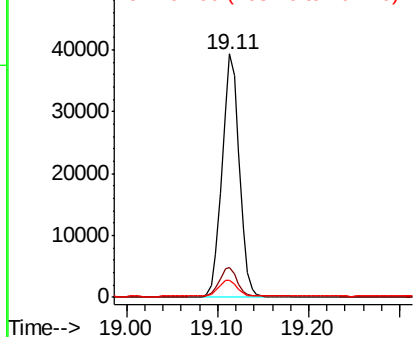
#25
Fluoranthene-d10
Concen: 0.349 ng
RT: 19.11 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BN007623.D
Acq: 13 Sep 2019 12:51

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

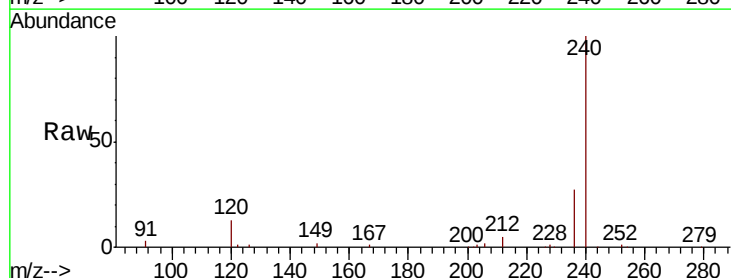


Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E

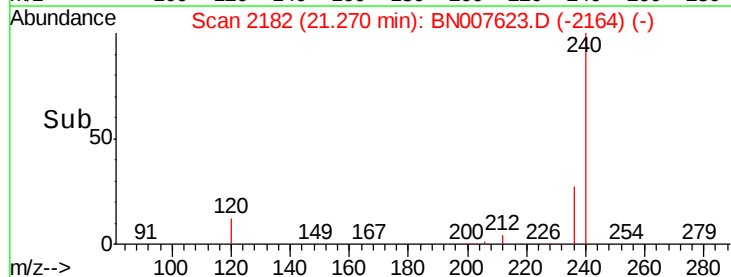
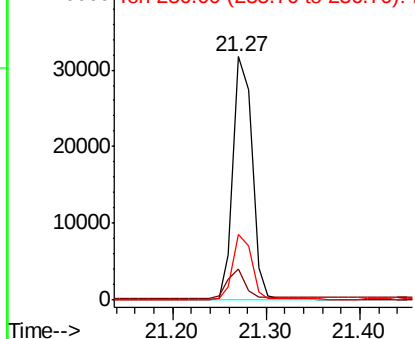


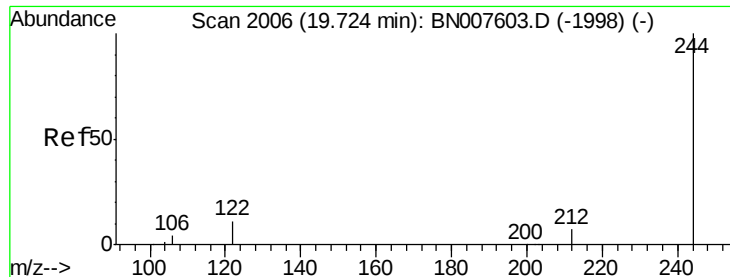
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BN007623.D
Acq: 13 Sep 2019 12:51

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

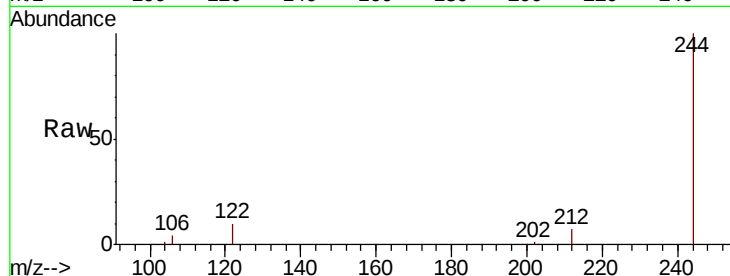
Tot Ion:244 Resp: 52221

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

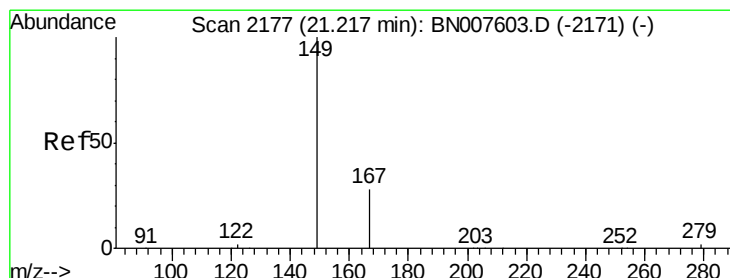
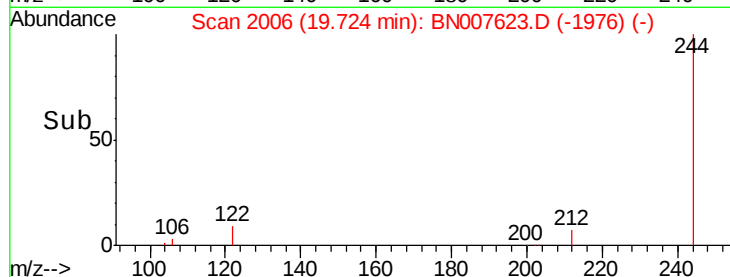
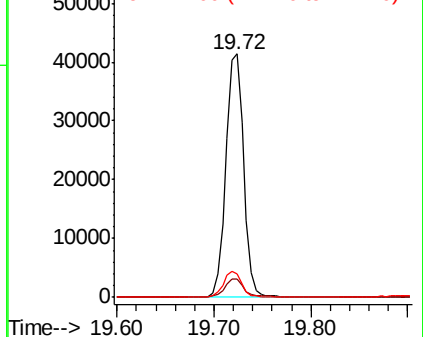
122 9.5 8.6 12.8



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

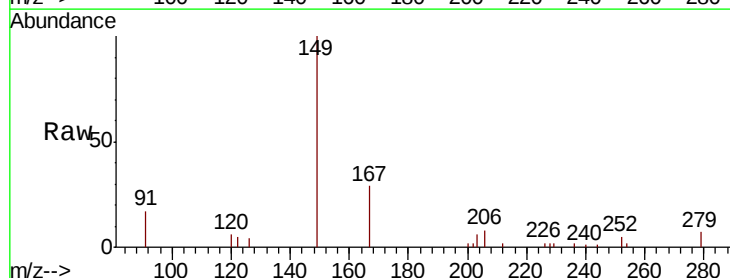
Tgt Ion:149 Resp: 5878

Ion Ratio Lower Upper

149 100

167 27.8 22.6 34.0

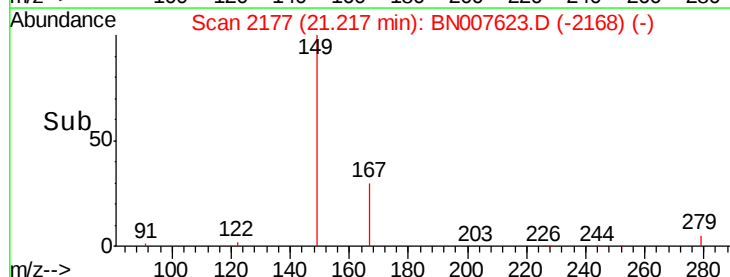
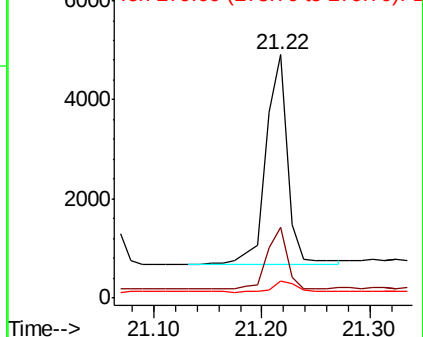
279 6.0 3.8 5.6#

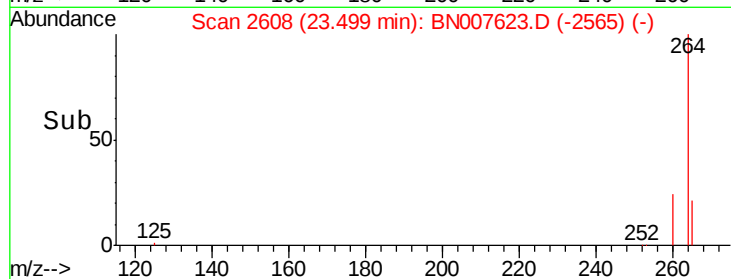
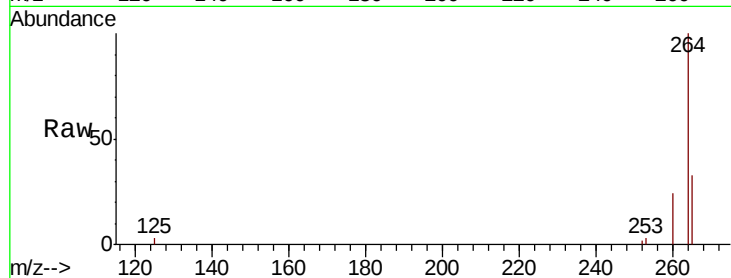
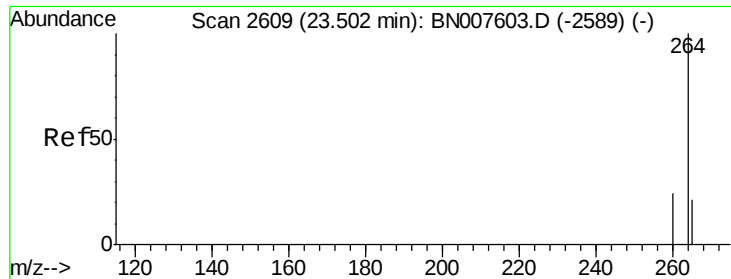


Abundance Ion 149.00 (148.70 to 149.70): E

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

