

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091319\
 Data File : BN007659.D
 Acq On : 14 Sep 2019 11:33
 Operator : HP/JU
 Sample : K4858-27
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D7-20190911

Quant Time: Sep 16 01:38:53 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

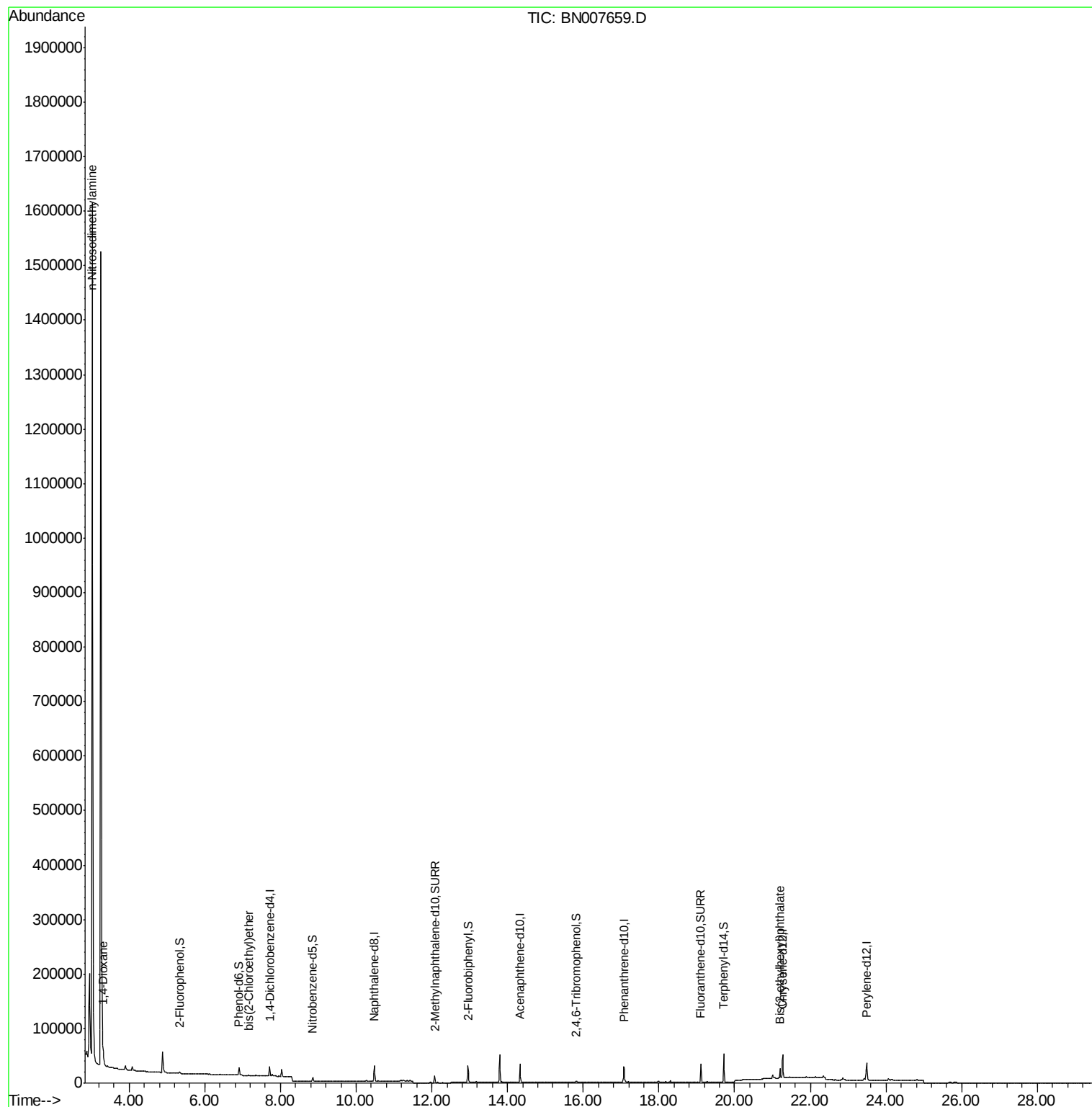
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	8767	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	34281	0.40	ng	-0.01
13) Acenaphthene-d10	14.34	164	19684	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	40524	0.40	ng	-0.01
27) Chrysene-d12	21.27	240	42413	0.40	ng	-0.01
34) Perylene-d12	23.49	264	42235	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	2118	0.08	ng	0.00
5) Phenol-d6	6.89	99	1781	0.06	ng	0.00
8) Nitrobenzene-d5	8.85	82	7599	0.28	ng	-0.01
11) 2-Methylnaphthalene-d10	12.07	152	17571	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	1488	0.20	ng	-0.01
15) 2-Fluorobiphenyl	12.95	172	25965	0.30	ng	-0.01
25) Fluoranthene-d10	19.11	212	38197	0.30	ng	-0.01
29) Terphenyl-d14	19.71	244	50705	0.45	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.32	88	10819	1.030	ng	# 83
3) n-Nitrosodimethylamine	3.03	42	142600	29.915	ng	# 1
6) bis(2-Chloroethyl)ether	7.15	93	708	0.028	ng	88
32) Bis(2-ethylhexyl)phthalate	21.21	149	16133	0.316	ng	99

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

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Quant Time: Sep 16 01:38:53 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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.72 min Scan# 607

Delta R.T. -0.01 min

Lab File: BN007659.D

Acq: 14 Sep 2019 11:33

Instrument :

BNA_N

ClientSampleId :

RE132D7-20190911

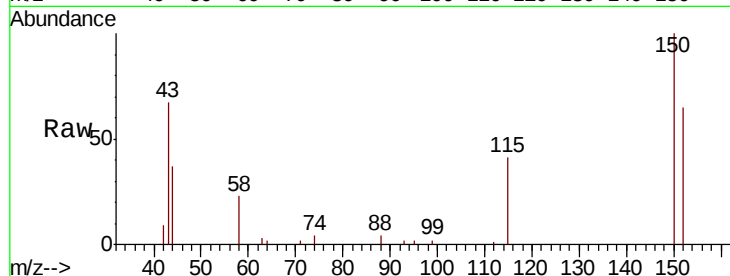
Tot Ion:152 Resp: 8767

Ion Ratio Lower Upper

152 100

150 153.6 122.4 183.6

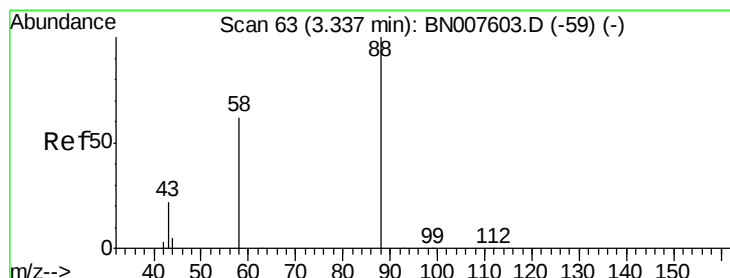
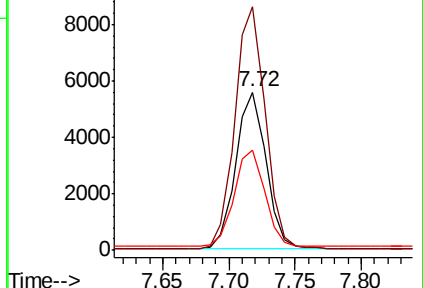
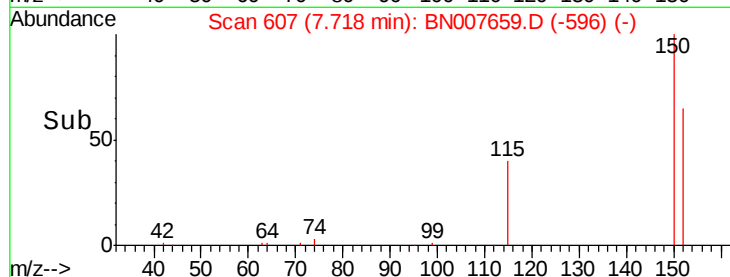
115 63.1 50.4 75.6



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: 1.030 ng

RT: 3.32 min Scan# 61

Delta R.T. -0.02 min

Lab File: BN007659.D

Acq: 14 Sep 2019 11:33

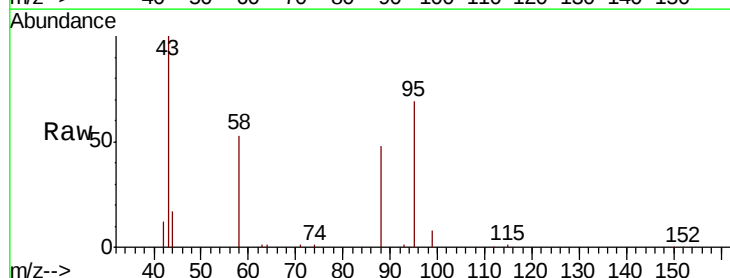
Tgt Ion: 88 Resp: 10819

Ion Ratio Lower Upper

88 100

58 58.2 57.0 85.4

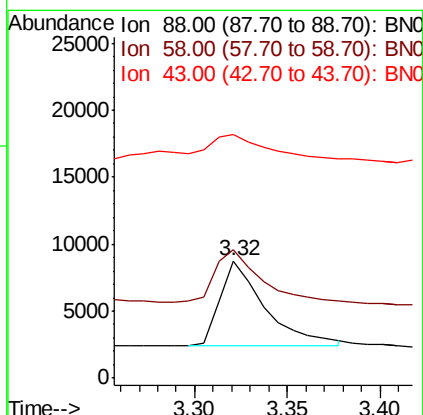
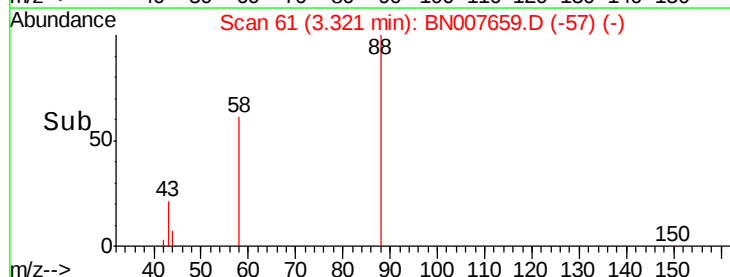
43 34.5 20.0 30.0#



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



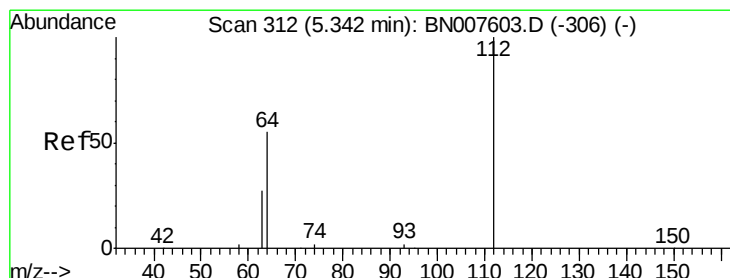
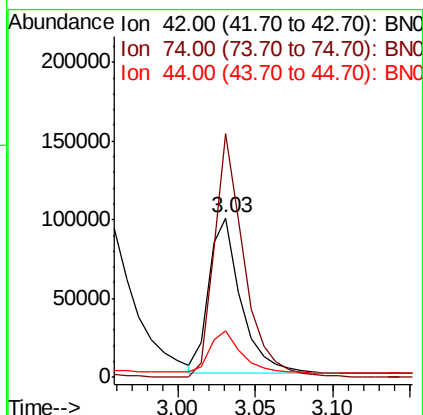
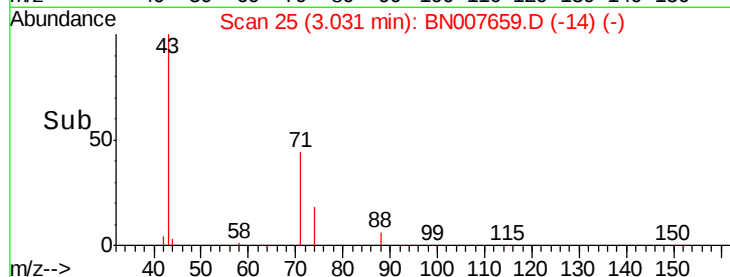
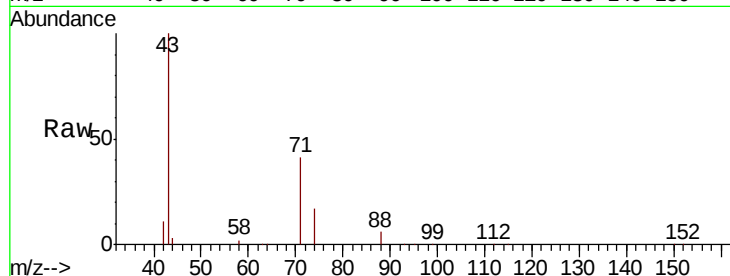


#3

n-Nitrosodimethylamine
 Concen: 29.915 ng
 RT: 3.03 min Scan# 25
 Delta R.T. -0.01 min
 Lab File: BN007659.D
 Acq: 14 Sep 2019 11:33

Instrument :
 BNA_N
 ClientSampleId :
 RE132D7-20190911

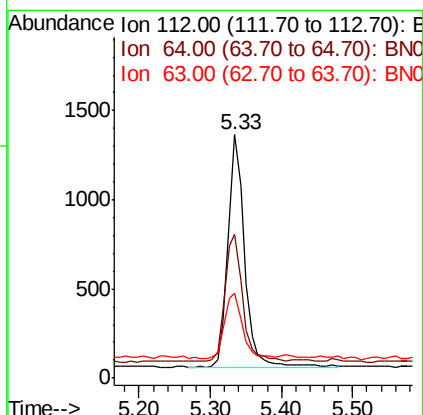
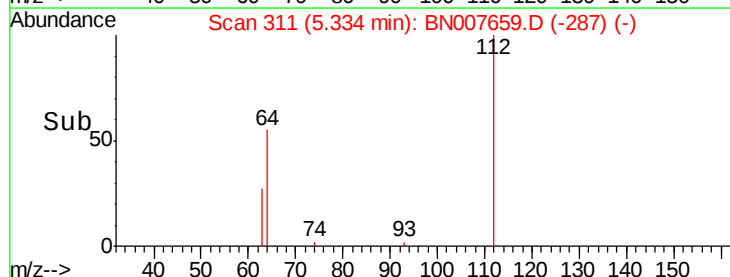
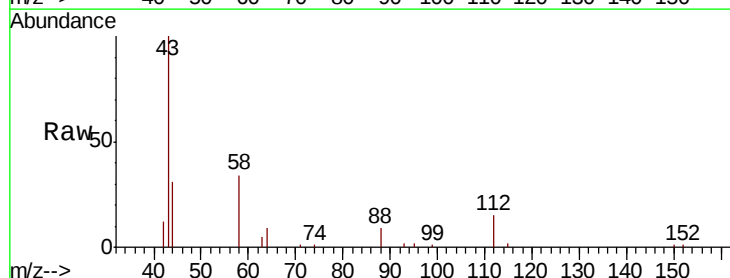
Tot Ion: 42 Resp: 142600
 Ion Ratio Lower Upper
 42 100
 74 144.8 9.8 14.8#
 44 26.1 0.0 0.0#

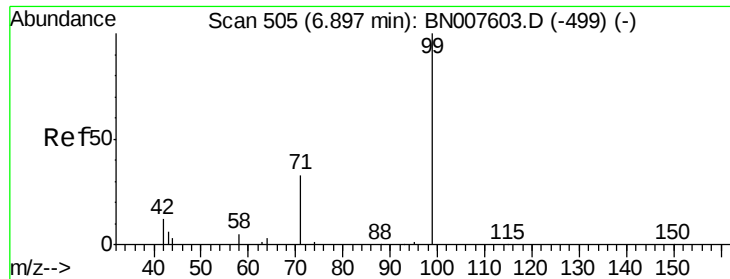


#4

2-Fluorophenol
 Concen: 0.075 ng
 RT: 5.33 min Scan# 311
 Delta R.T. -0.01 min
 Lab File: BN007659.D
 Acq: 14 Sep 2019 11:33

Tgt Ion: 112 Resp: 2118
 Ion Ratio Lower Upper
 112 100
 64 57.6 48.5 72.7
 63 30.0 24.4 36.6





#5

Phenol-d6

Concen: 0.059 ng

RT: 6.89 min Scan# 504

Delta R.T. -0.01 min

Lab File: BN007659.D

Acq: 14 Sep 2019 11:33

Instrument :

BNA_N

ClientSampleId :

RE132D7-20190911

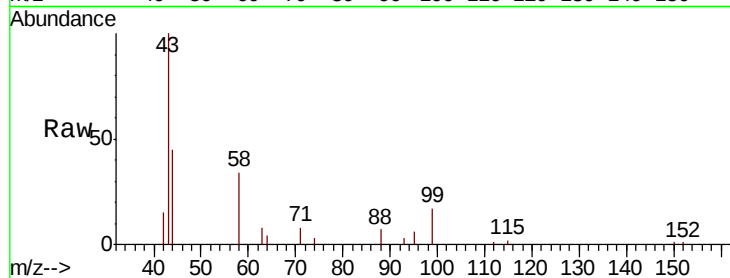
Tot Ion: 99 Resp: 1781

Ion Ratio Lower Upper

99 100

42 68.1 11.8 17.6#

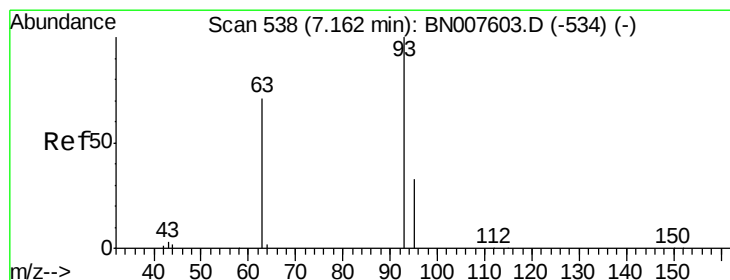
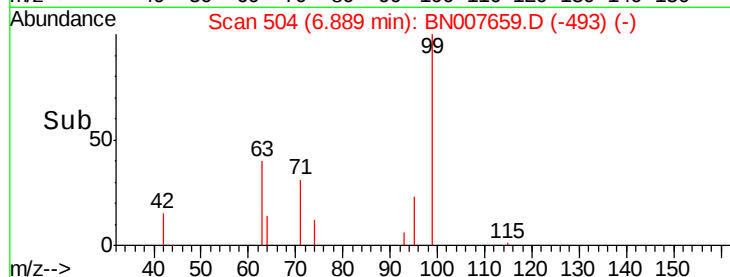
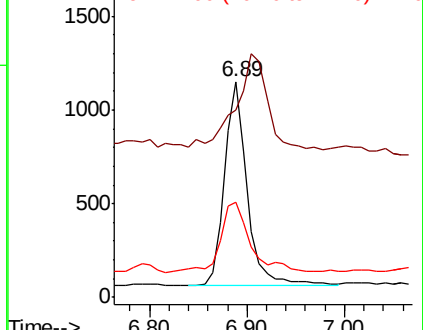
71 45.6 28.0 42.0#



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

bis(2-Chloroethyl)ether

Concen: 0.028 ng

RT: 7.15 min Scan# 537

Delta R.T. -0.01 min

Lab File: BN007659.D

Acq: 14 Sep 2019 11:33

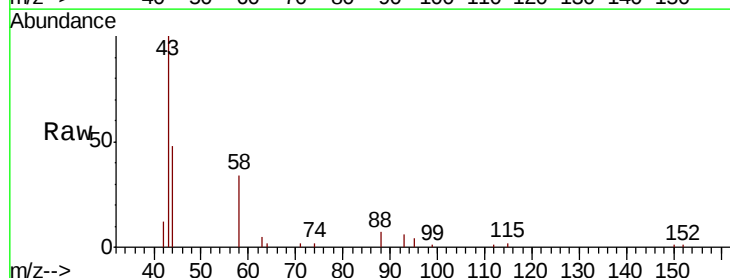
Tgt Ion: 93 Resp: 708

Ion Ratio Lower Upper

93 100

63 65.3 61.2 91.8

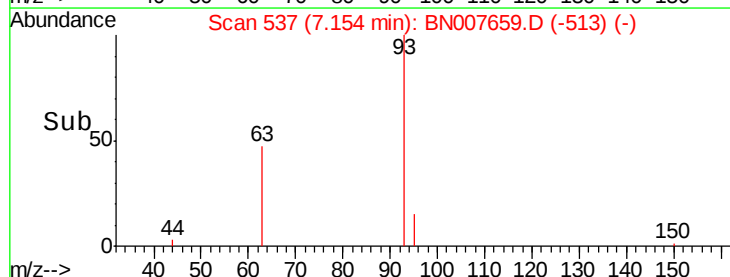
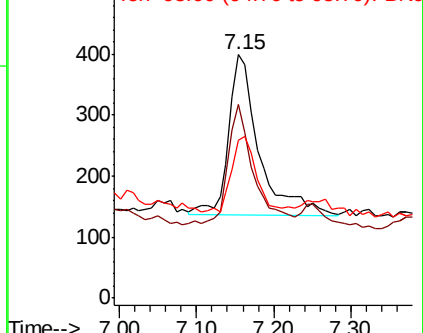
95 38.8 27.2 40.8

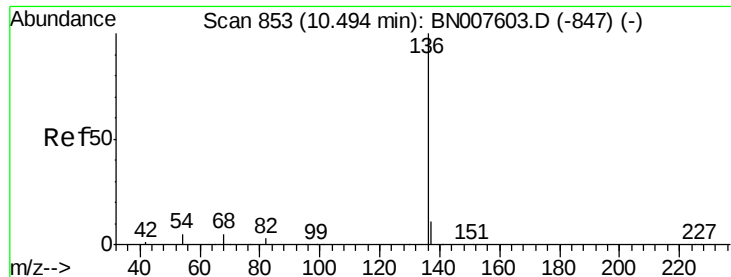


Abundance Ion 93.00 (92.70 to 93.70): BN007603.D (-534) (-)

Ion 63.00 (62.70 to 63.70): BN007603.D (-534) (-)

Ion 95.00 (94.70 to 95.70): BN007603.D (-534) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.48 min Scan# 852

Delta R.T. -0.01 min

Lab File: BN007659.D

Acq: 14 Sep 2019 11:33

Instrument :

BNA_N

ClientSampleId :

RE132D7-20190911

Tot Ion:136 Resp: 34281

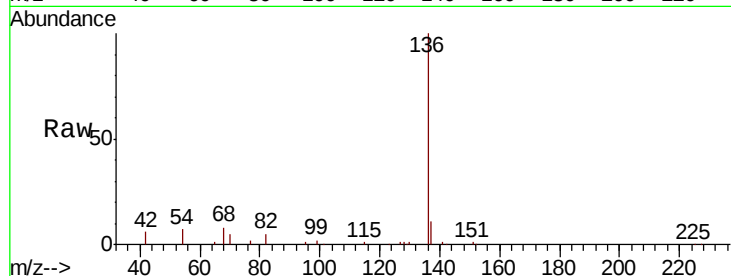
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 7.0 4.2 6.4#

68 7.6 4.6 7.0#

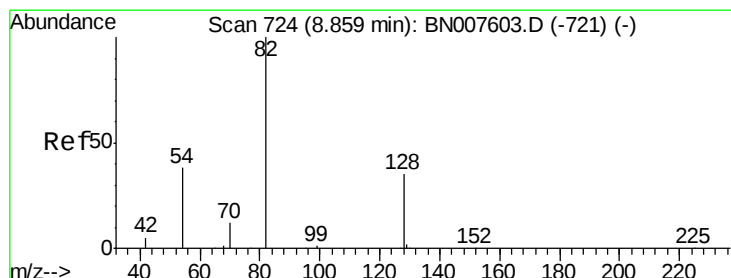
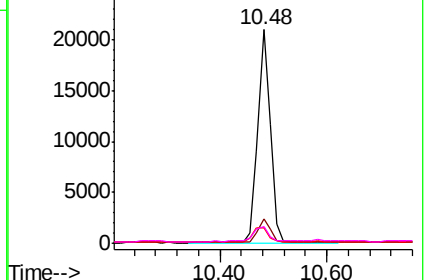
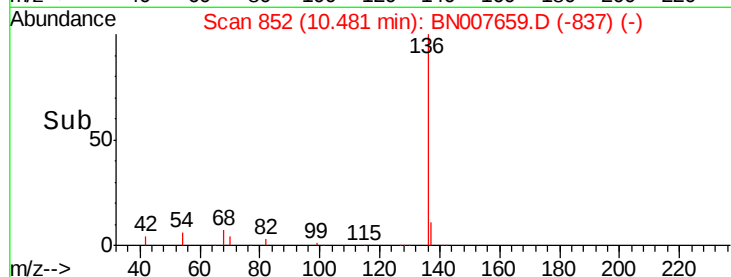


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.278 ng

RT: 8.85 min Scan# 723

Delta R.T. -0.01 min

Lab File: BN007659.D

Acq: 14 Sep 2019 11:33

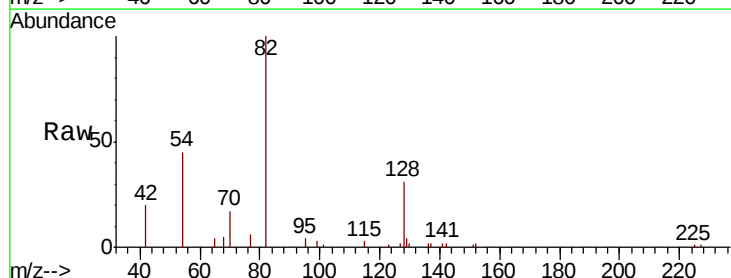
Tgt Ion: 82 Resp: 7599

Ion Ratio Lower Upper

82 100

128 31.0 27.9 41.9

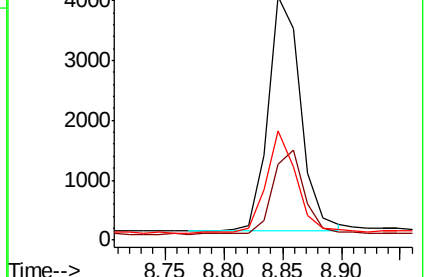
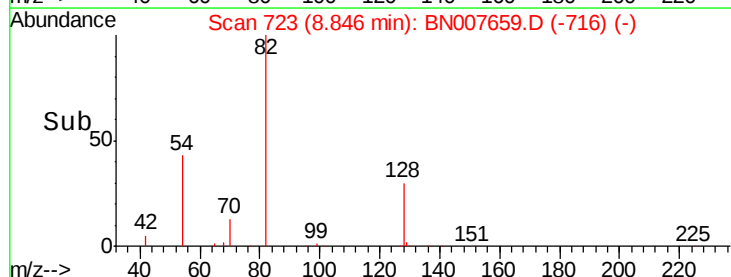
54 44.7 30.9 46.3

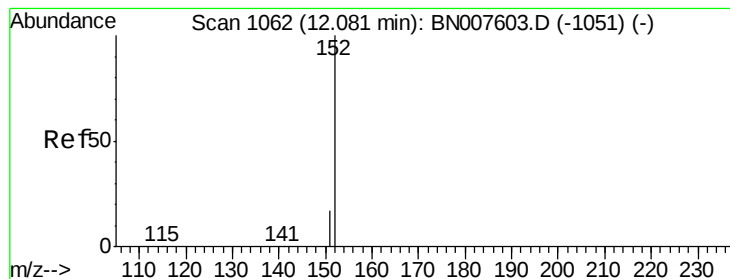


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#11

2-Methylnaphthalene-d10

Concen: 0.303 ng

RT: 12.07 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BN007659.D

Acq: 14 Sep 2019 11:33

Instrument :

BNA_N

ClientSampleId :

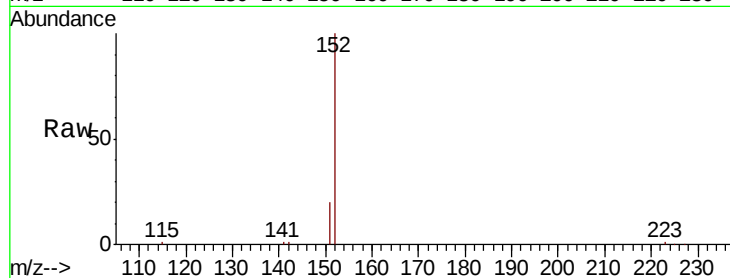
RE132D7-20190911

Tot Ion:152 Resp: 17571

Ion Ratio Lower Upper

152 100

151 21.2 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12000

10000

8000

6000

4000

2000

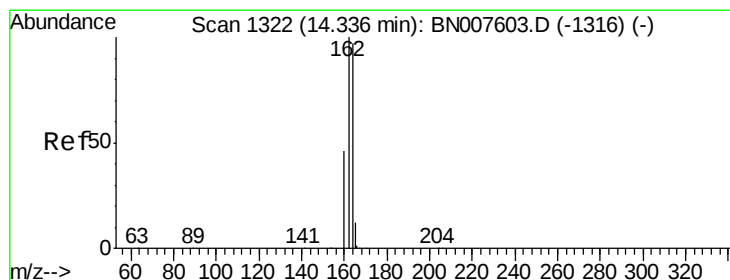
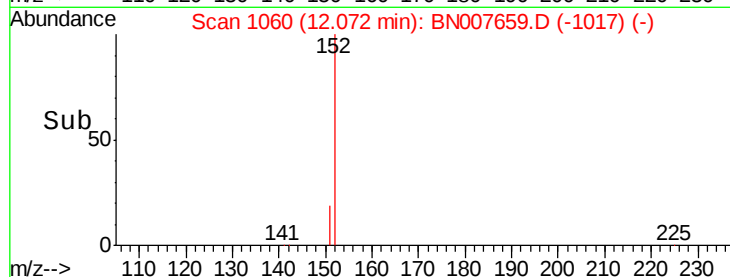
0

12.07

12.00

12.10

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.34 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BN007659.D

Acq: 14 Sep 2019 11:33

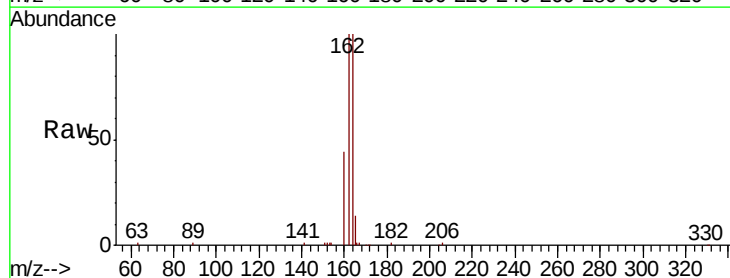
Tgt Ion:164 Resp: 19684

Ion Ratio Lower Upper

164 100

162 100.3 82.8 124.2

160 44.6 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

15000

10000

5000

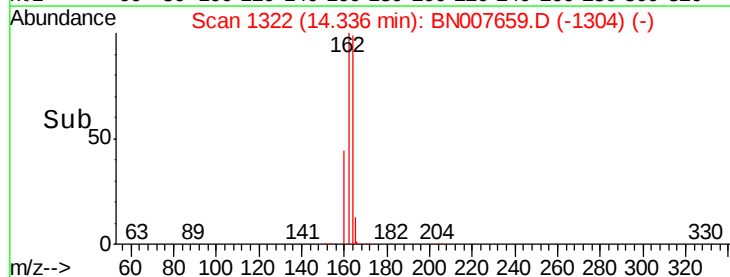
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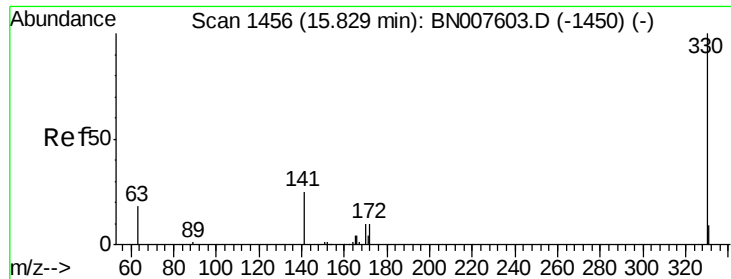
14.34

14.30

14.40

Time-->

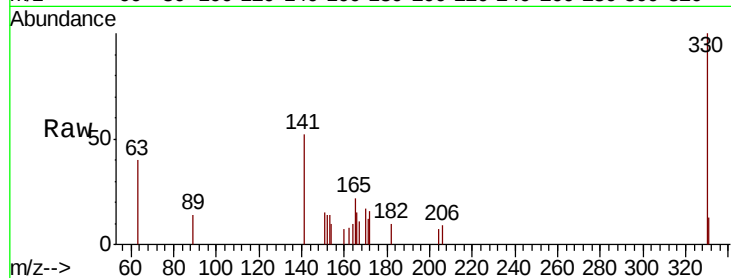




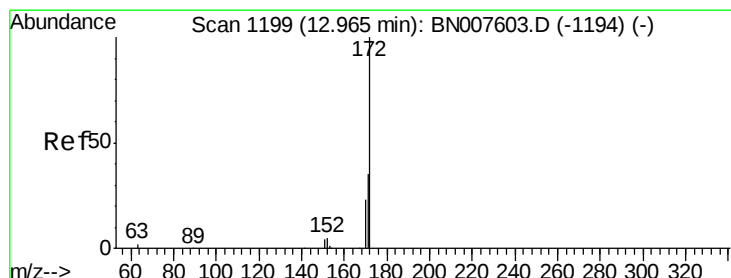
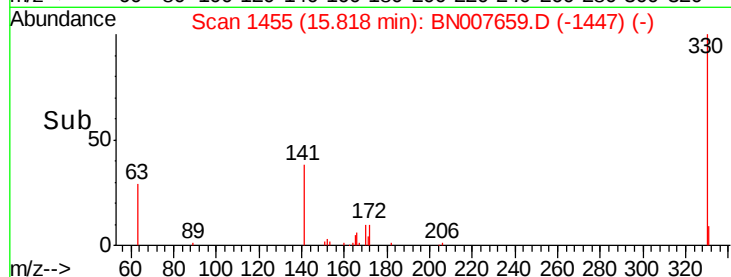
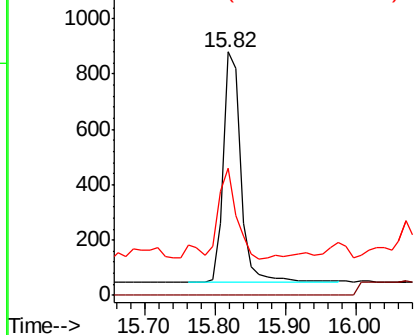
#14
 2,4,6-Tribromophenol
 Concen: 0.200 ng
 RT: 15.82 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BN007659.D
 Acq: 14 Sep 2019 11:33

Instrument :
 BNA_N
 ClientSampleId :
 RE132D7-20190911

Tot Ion:330 Resp: 1488
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 43.1 30.1 45.1

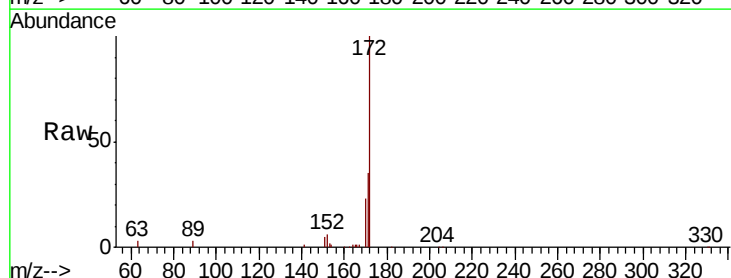


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

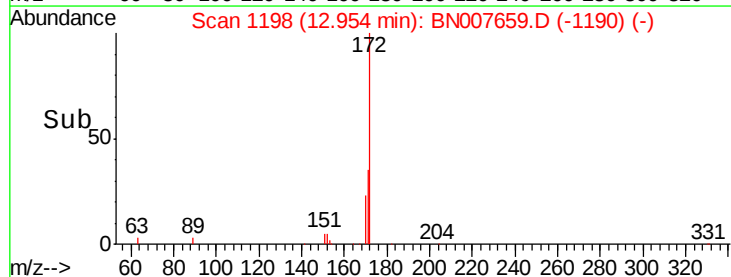
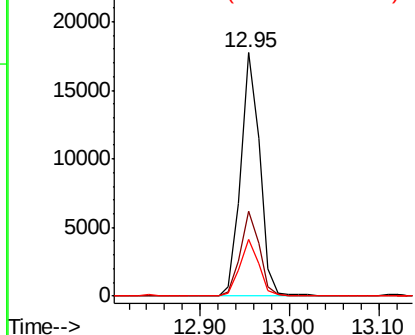


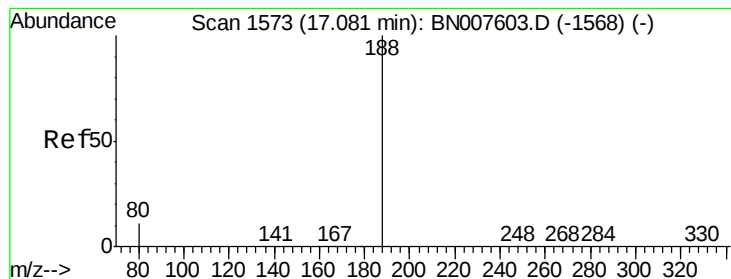
#15
 2-Fluorobiphenyl
 Concen: 0.302 ng
 RT: 12.95 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BN007659.D
 Acq: 14 Sep 2019 11:33

Tgt Ion:172 Resp: 25965
 Ion Ratio Lower Upper
 172 100
 171 35.0 27.9 41.9
 170 23.4 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: 17.07 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BN007659.D

Acq: 14 Sep 2019 11:33

Instrument :

BNA_N

ClientSampleId :

RE132D7-20190911

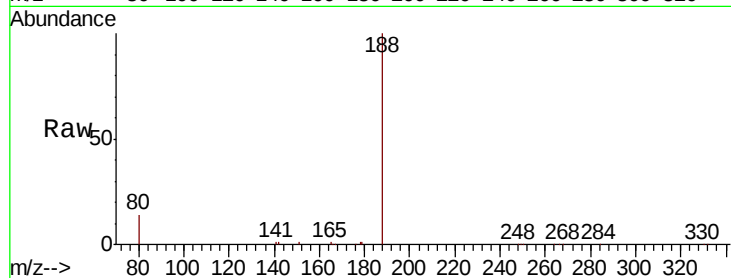
Tot Ion:188 Resp: 40524

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

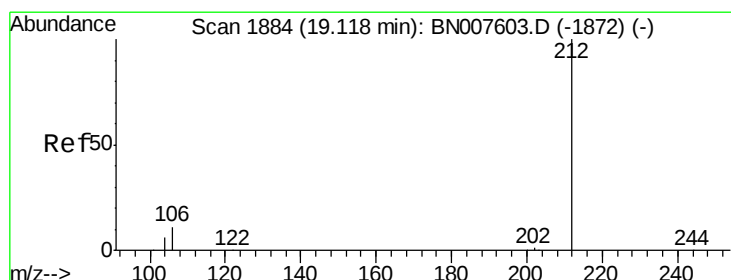
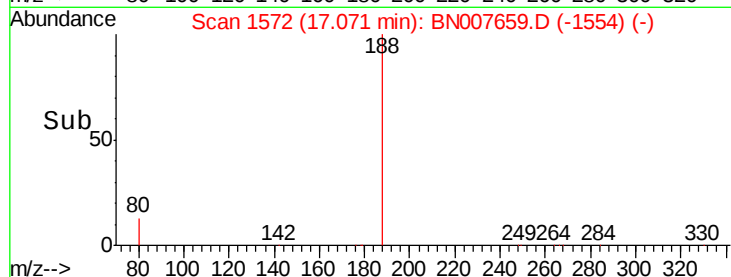
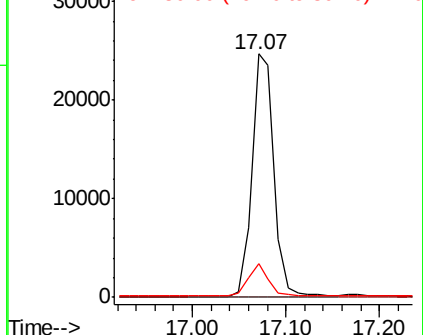
80 13.9 8.8 13.2#



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: 0.299 ng

RT: 19.11 min Scan# 1882

Delta R.T. -0.01 min

Lab File: BN007659.D

Acq: 14 Sep 2019 11:33

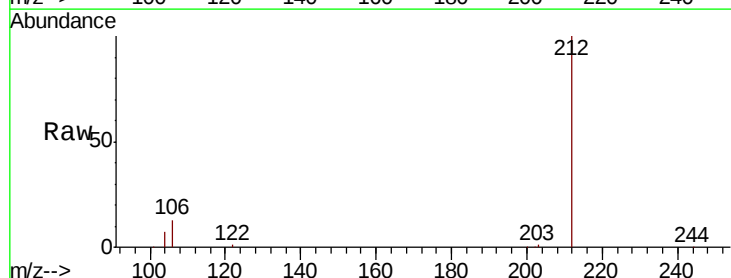
Tgt Ion:212 Resp: 38197

Ion Ratio Lower Upper

212 100

106 12.4 9.6 14.4

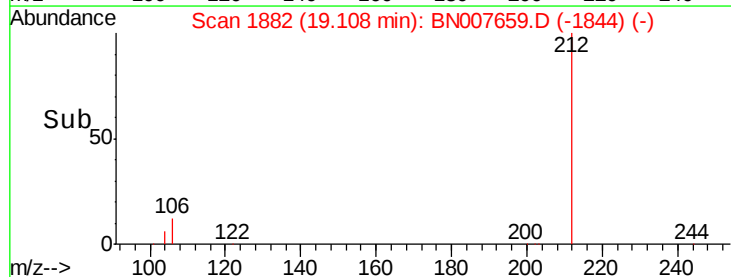
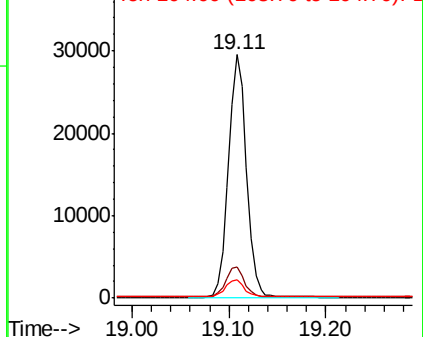
104 7.0 5.4 8.0

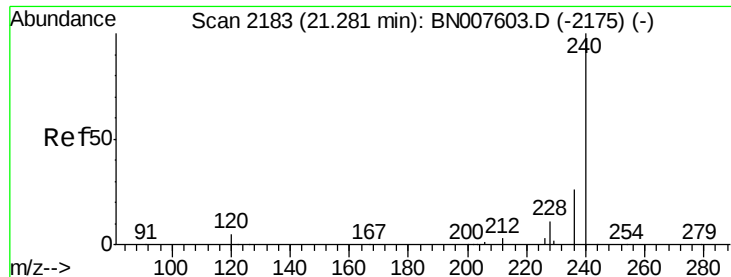


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

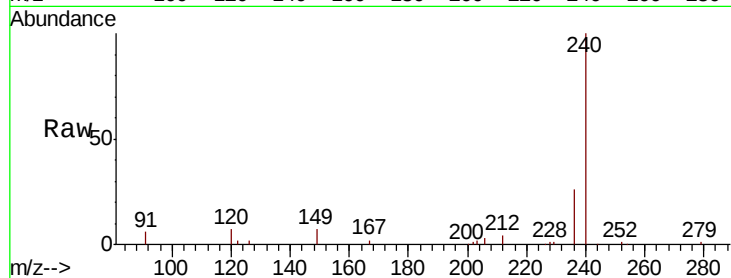




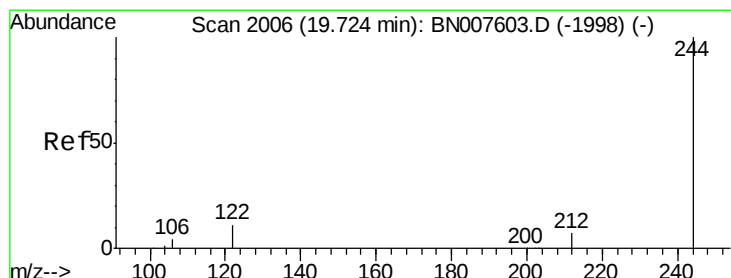
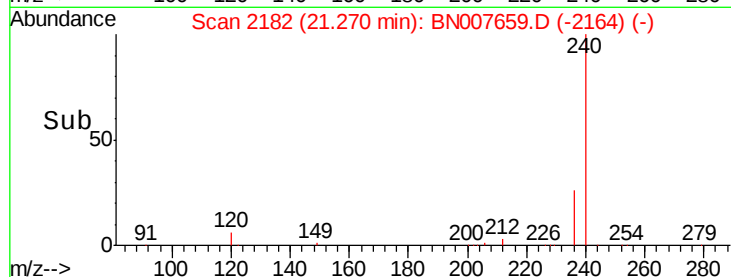
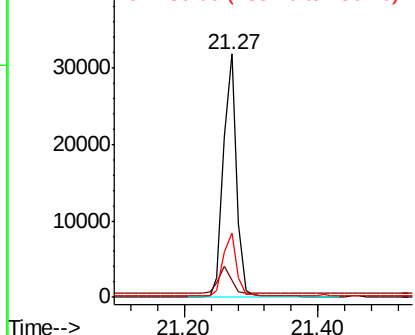
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BN007659.D
Acq: 14 Sep 2019 11:33

Instrument :
BNA_N
ClientSampleId :
RE132D7-20190911

Tot Ion:240 Resp: 42413
Ion Ratio Lower Upper
240 100
120 7.2 4.3 6.5#
236 26.3 20.8 31.2

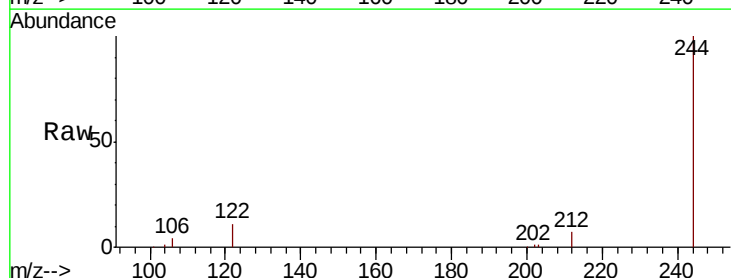


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

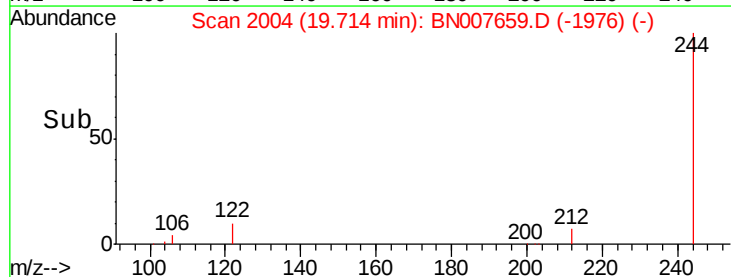
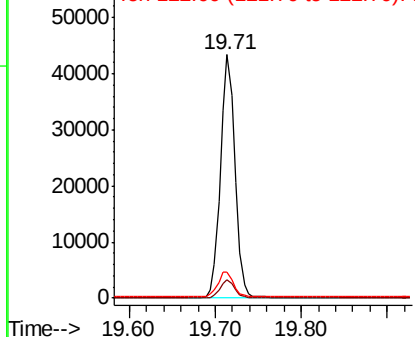


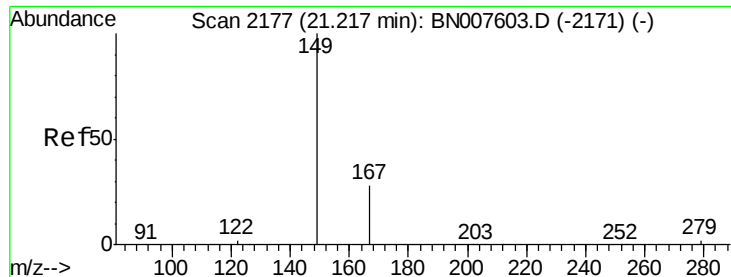
#29
Terphenyl-d14
Concen: 0.453 ng
RT: 19.71 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BN007659.D
Acq: 14 Sep 2019 11:33

Tgt Ion:244 Resp: 50705
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 10.7 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

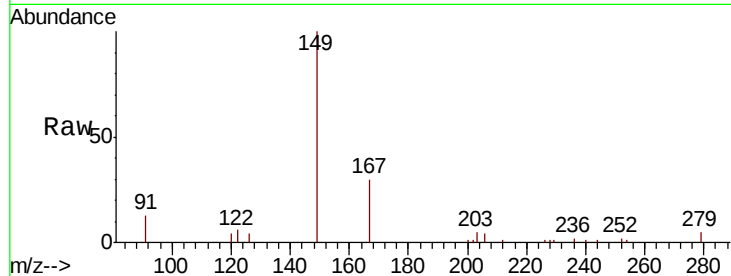




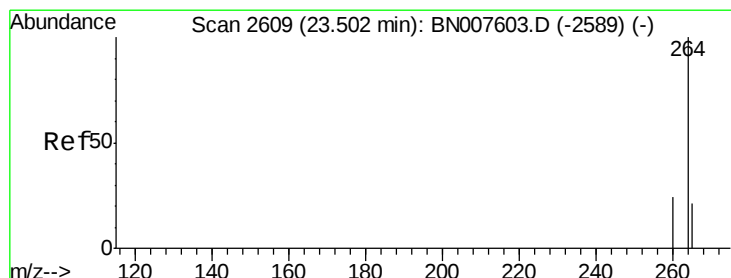
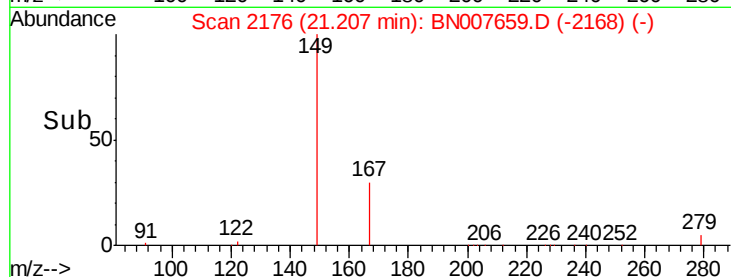
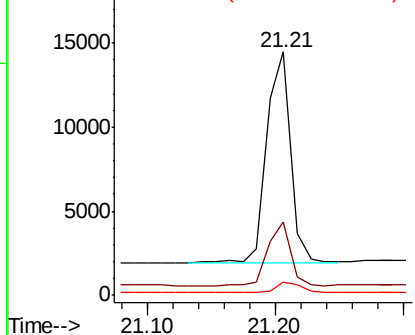
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.316 ng
 RT: 21.21 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: BN007659.D
 Acq: 14 Sep 2019 11:33

Instrument :
 BNA_N
 ClientSampleId :
 RE132D7-20190911

Tot Ion:149 Resp: 16133
 Ion Ratio Lower Upper
 149 100
 167 28.8 22.6 34.0
 279 5.1 3.8 5.6

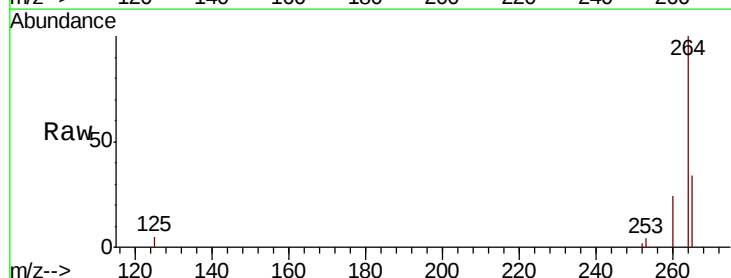


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.49 min Scan# 2605
 Delta R.T. -0.01 min
 Lab File: BN007659.D
 Acq: 14 Sep 2019 11:33

Tgt Ion:264 Resp: 42235
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.1 28.7
 265 34.4 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

