

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091319\
 Data File : BN007636.D
 Acq On : 13 Sep 2019 20:37
 Operator : HP/JU
 Sample : K4858-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP01-20190909

Quant Time: Sep 14 03:01:45 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

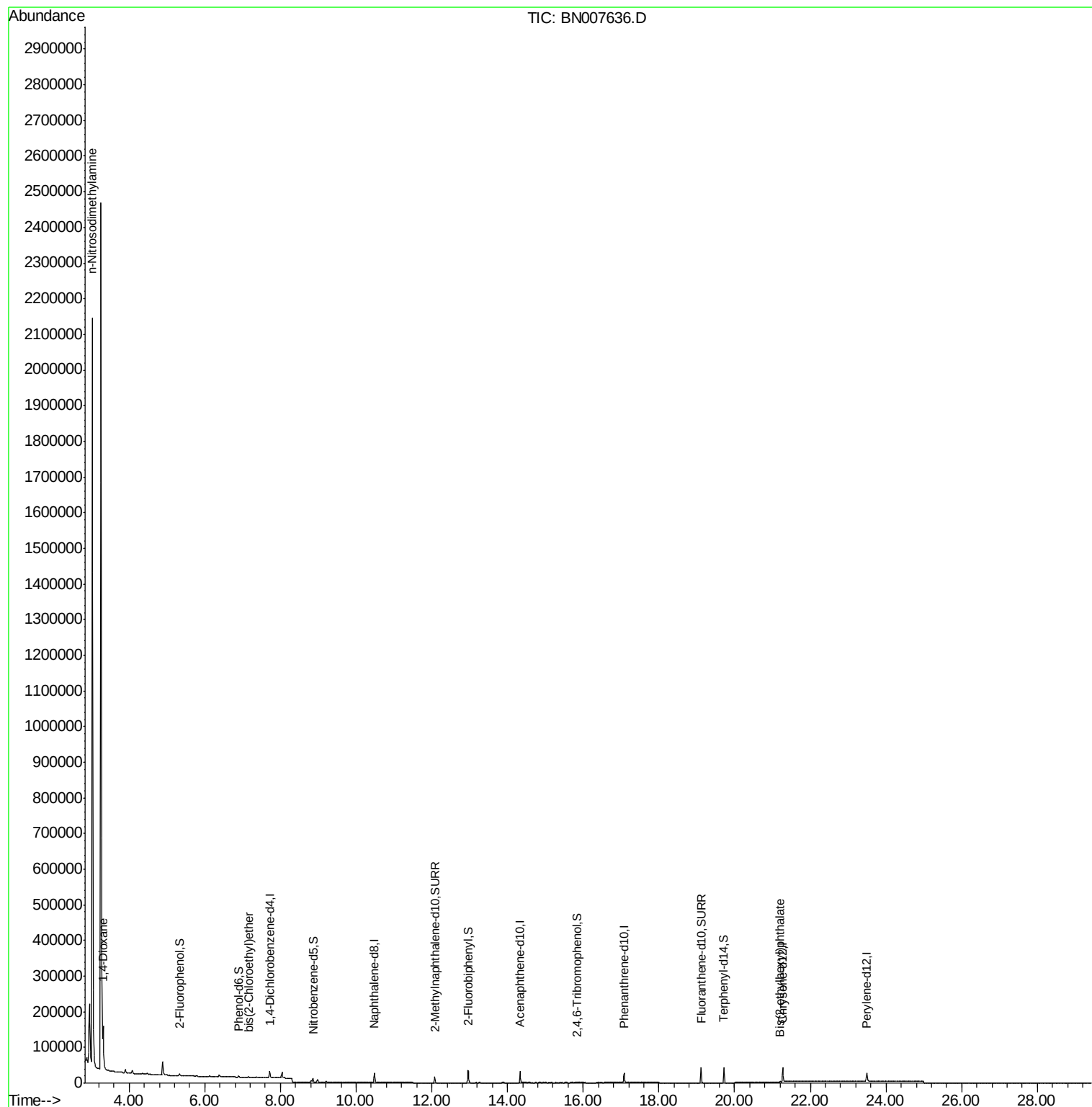
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	8771	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	33522	0.40	ng	-0.01
13) Acenaphthene-d10	14.34	164	18339	0.40	ng	0.00
19) Phenanthrene-d10	17.08	188	37394	0.40	ng	0.00
27) Chrysene-d12	21.27	240	34835	0.40	ng	-0.01
34) Perylene-d12	23.49	264	33501	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	4541	0.16	ng	0.00
5) Phenol-d6	6.89	99	3919	0.12	ng	0.00
8) Nitrobenzene-d5	8.86	82	10037	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	22608	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	2122	0.31	ng	0.00
15) 2-Fluorobiphenyl	12.97	172	34691	0.43	ng	0.00
25) Fluoranthene-d10	19.11	212	49966	0.42	ng	0.00
29) Terphenyl-d14	19.72	244	44089	0.48	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.31	88	70243	6.684	ng	88
3) n-Nitrosodimethylamine	3.03	42	175312	36.760	ng	# 1
6) bis(2-Chloroethyl)ether	7.16	93	760	0.030	ng	88
32) Bis(2-ethylhexyl)phthalate	21.21	149	1193	0.028	ng	# 88

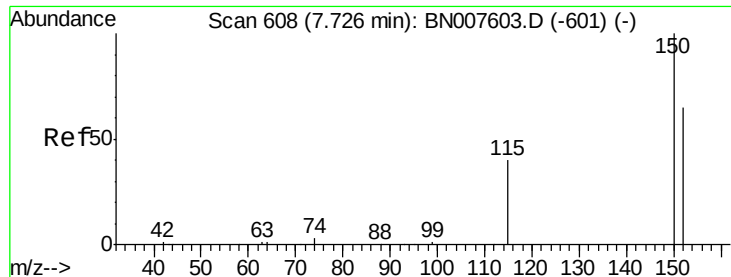
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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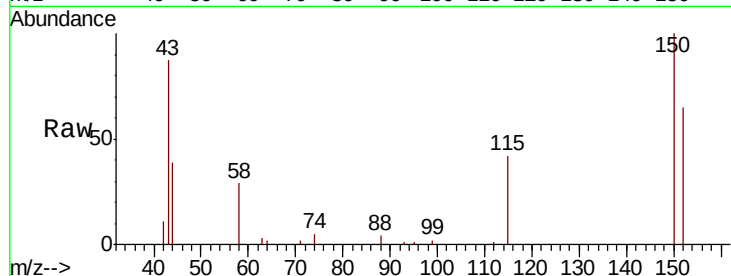


#1

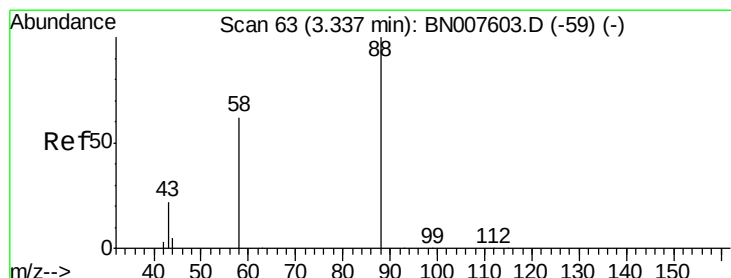
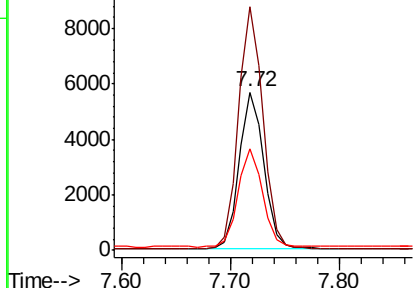
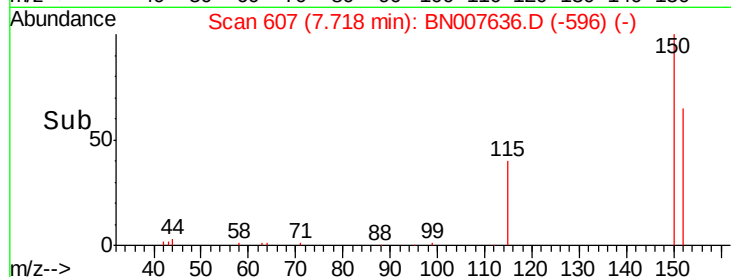
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 607
Delta R.T. -0.01 min
Lab File: BN007636.D
Acq: 13 Sep 2019 20:37

Instrument :
BNA_N
ClientSampleId :
DUP01-20190909

Tot Ion:152 Resp: 8771
Ion Ratio Lower Upper
152 100
150 154.0 122.4 183.6
115 64.2 50.4 75.6



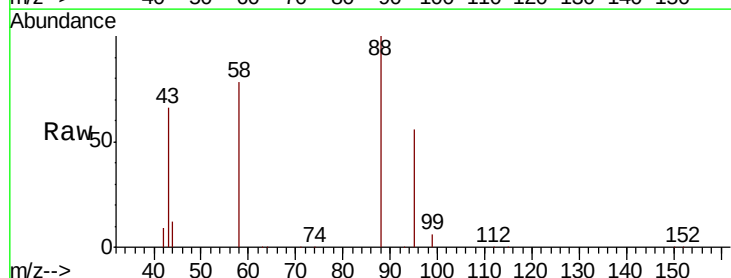
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



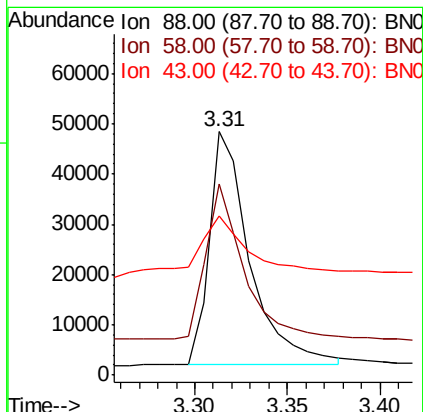
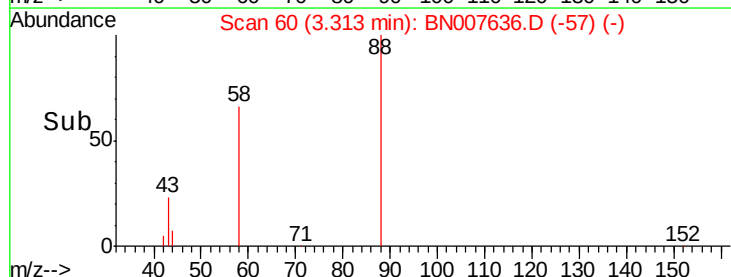
#2

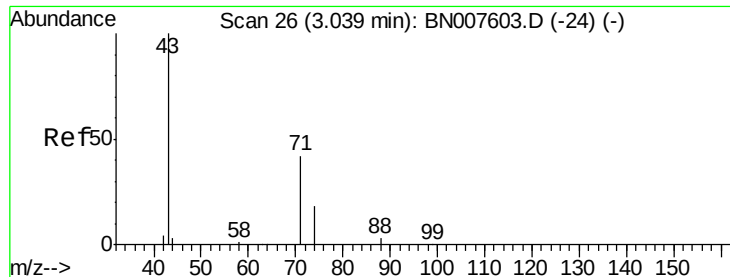
1,4-Dioxane
Concen: 6.684 ng
RT: 3.31 min Scan# 60
Delta R.T. -0.02 min
Lab File: BN007636.D
Acq: 13 Sep 2019 20:37

Tgt Ion: 88 Resp: 70243
Ion Ratio Lower Upper
88 100
58 59.4 57.0 85.4
43 22.8 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



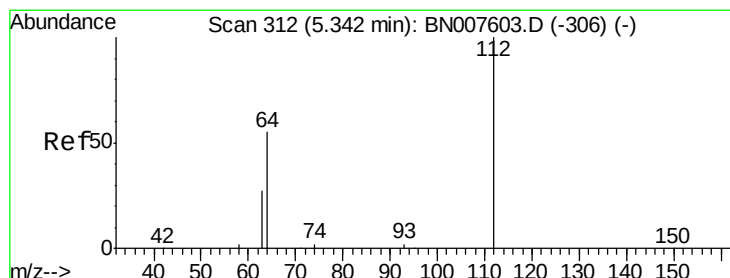
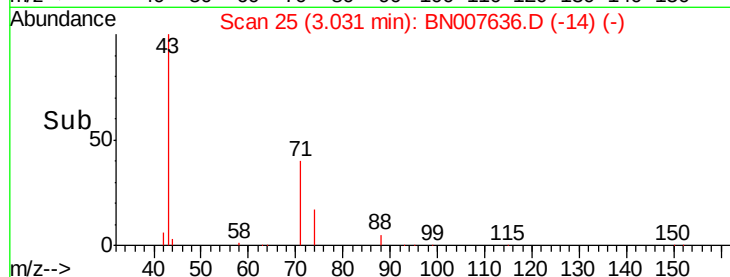
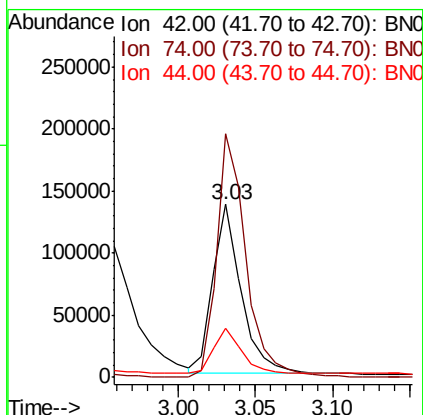
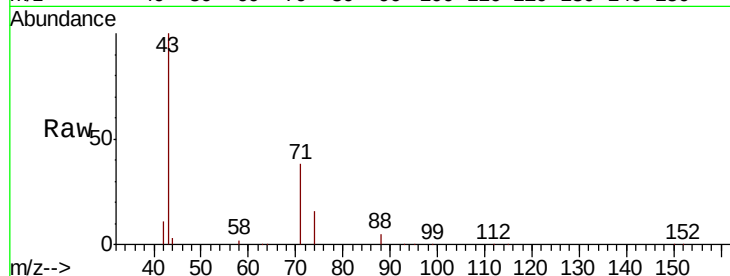


#3

n-Nitrosodimethylamine
 Concen: 36.760 ng
 RT: 3.03 min Scan# 25
 Delta R.T. -0.01 min
 Lab File: BN007636.D
 Acq: 13 Sep 2019 20:37

Instrument :
 BNA_N
 ClientSampleId :
 DUP01-20190909

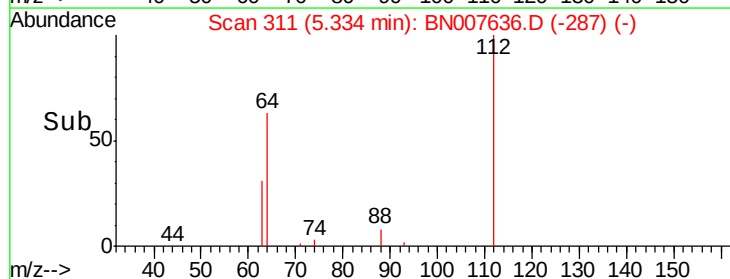
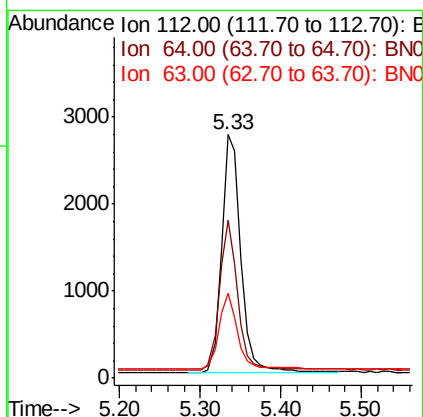
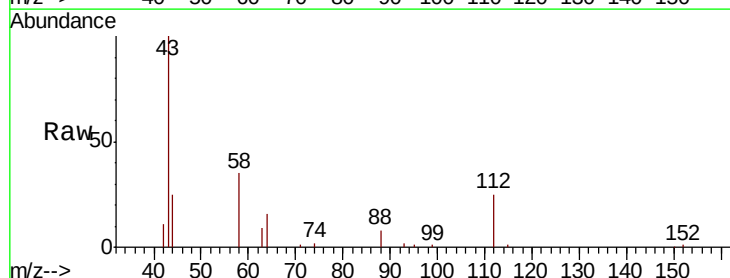
Tot Ion: 42 Resp: 175312
 Ion Ratio Lower Upper
 42 100
 74 145.9 9.8 14.8#
 44 26.7 0.0 0.0#

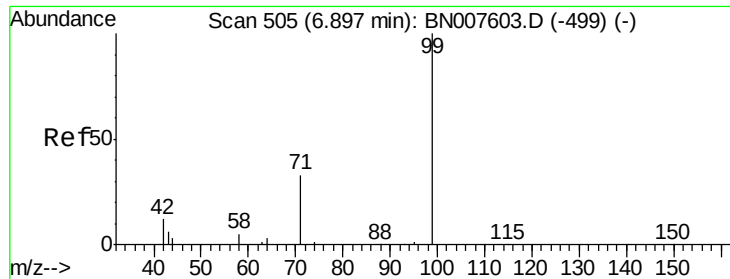


#4

2-Fluorophenol
 Concen: 0.162 ng
 RT: 5.33 min Scan# 311
 Delta R.T. -0.01 min
 Lab File: BN007636.D
 Acq: 13 Sep 2019 20:37

Tgt Ion: 112 Resp: 4541
 Ion Ratio Lower Upper
 112 100
 64 60.3 48.5 72.7
 63 29.8 24.4 36.6





#5

Phenol-d6

Concen: 0.120 ng

RT: 6.89 min Scan# 504

Delta R.T. -0.01 min

Lab File: BN007636.D

Acq: 13 Sep 2019 20:37

Instrument :

BNA_N

ClientSampleId :

DUP01-20190909

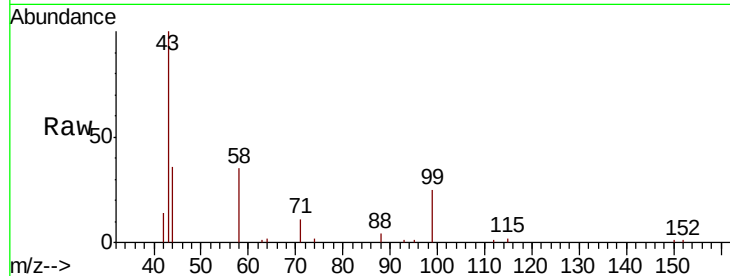
Tot Ion: 99 Resp: 3919

Ion Ratio Lower Upper

99 100

42 15.5 11.8 17.6

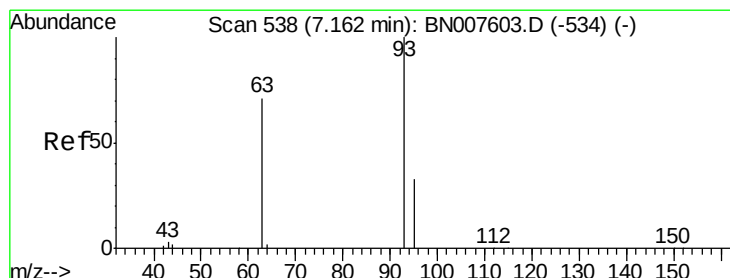
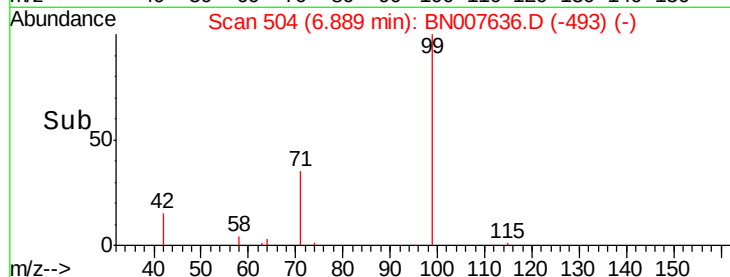
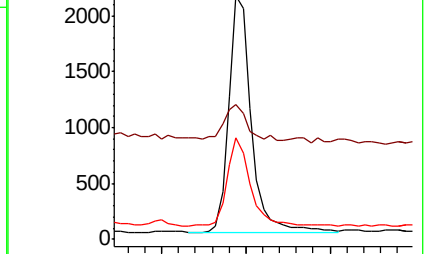
71 38.3 28.0 42.0



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

bis(2-Chloroethyl)ether

Concen: 0.030 ng

RT: 7.16 min Scan# 538

Delta R.T. -0.00 min

Lab File: BN007636.D

Acq: 13 Sep 2019 20:37

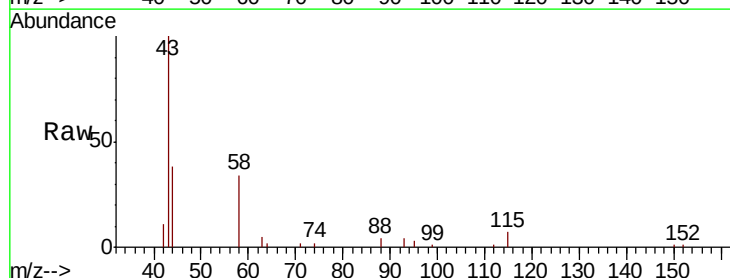
Tgt Ion: 93 Resp: 760

Ion Ratio Lower Upper

93 100

63 87.5 61.2 91.8

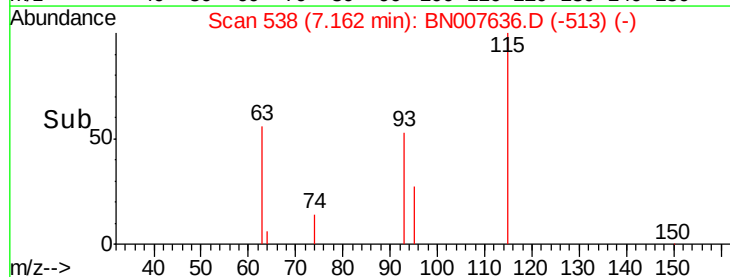
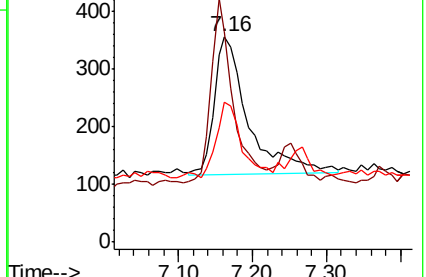
95 40.4 27.2 40.8

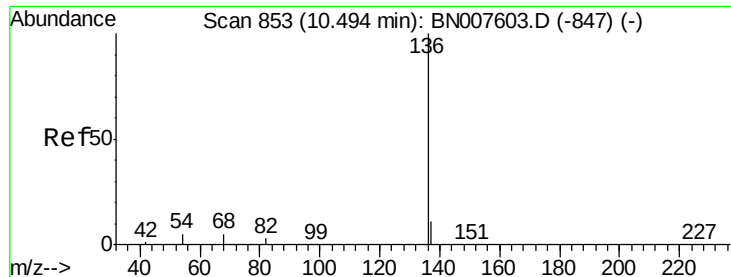


Abundance Ion 93.00 (92.70 to 93.70): BN007603.D (-534) (-)

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: BN007636.D

Acq: 13 Sep 2019 20:37

Instrument :

BNA_N

ClientSampleId :

DUP01-20190909

Tot Ion:136 Resp: 33522

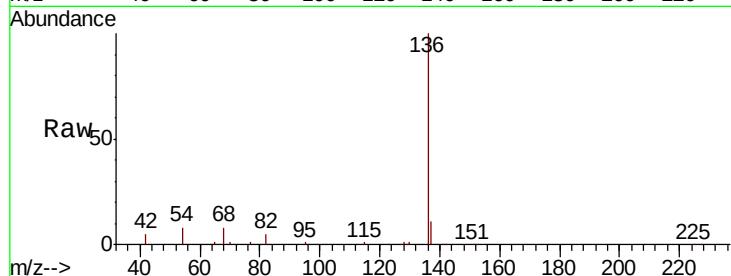
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 7.9 4.2 6.4#

68 8.3 4.6 7.0#

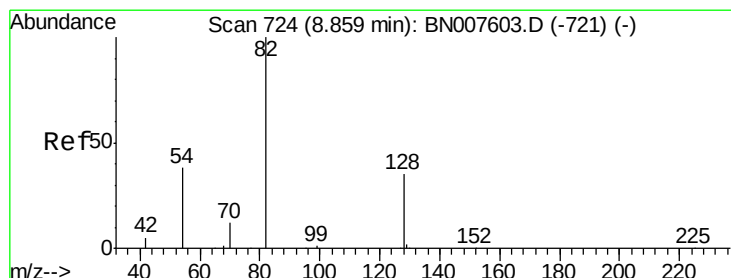
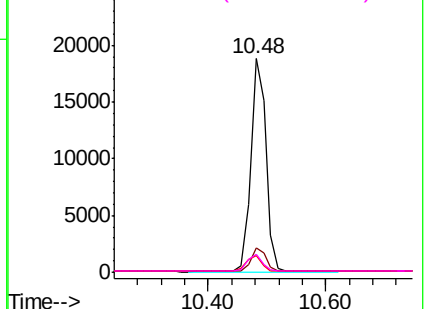
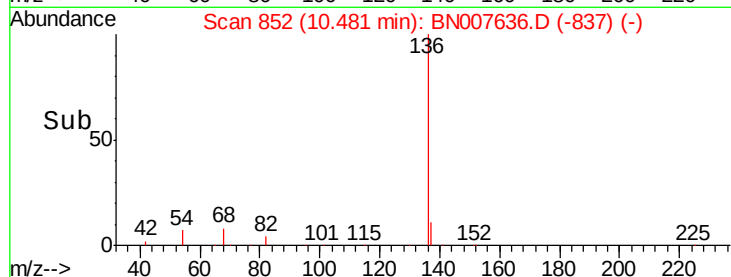


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.375 ng

RT: 8.86 min Scan# 724

Delta R.T. -0.00 min

Lab File: BN007636.D

Acq: 13 Sep 2019 20:37

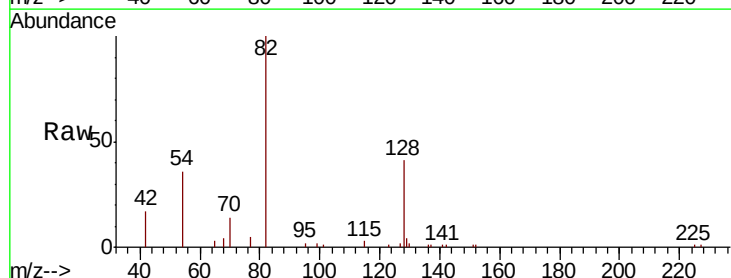
Tgt Ion: 82 Resp: 10037

Ion Ratio Lower Upper

82 100

128 40.9 27.9 41.9

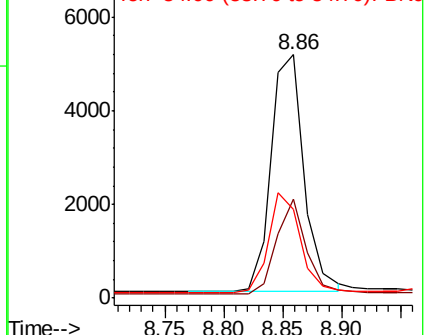
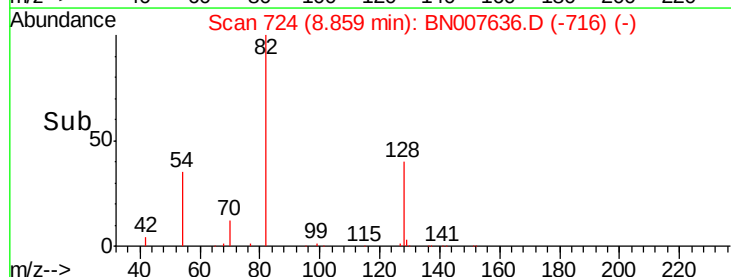
54 36.4 30.9 46.3

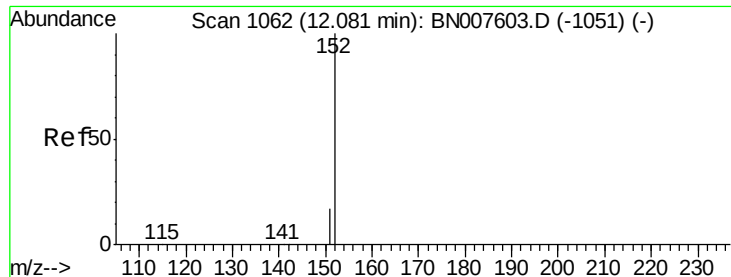


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

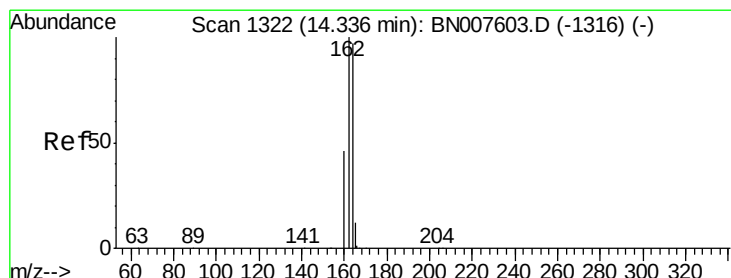
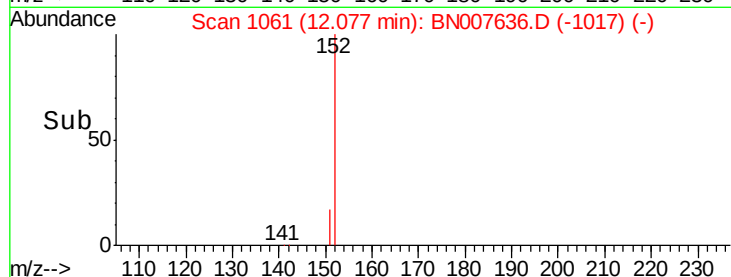
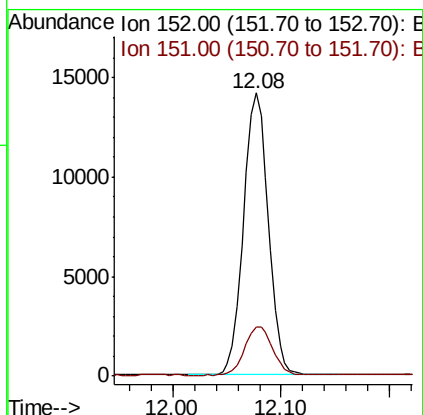
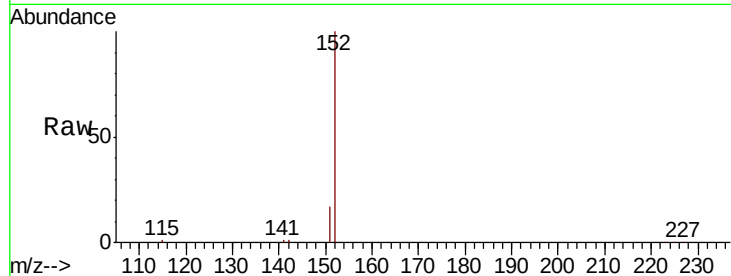




#11
 2-Methylnaphthalene-d10
 Concen: 0.398 ng
 RT: 12.08 min Scan# 1061
 Delta R.T. -0.00 min
 Lab File: BN007636.D
 Acq: 13 Sep 2019 20:37

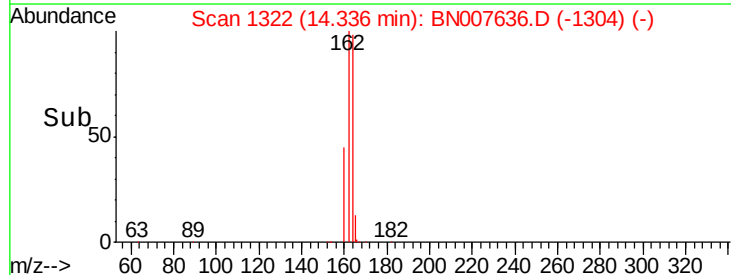
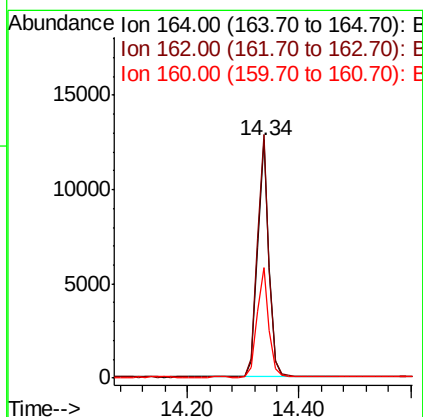
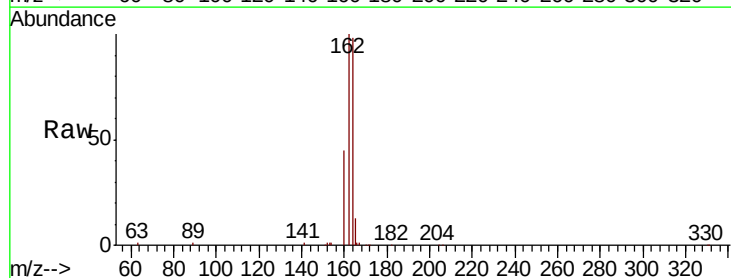
Instrument :
 BNA_N
 ClientSampleId :
 DUP01-20190909

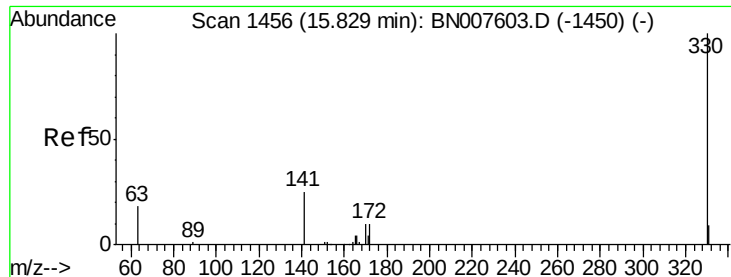
Tot Ion:152 Resp: 22608
 Ion Ratio Lower Upper
 152 100
 151 19.2 15.3 22.9



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.34 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BN007636.D
 Acq: 13 Sep 2019 20:37

Tgt Ion:164 Resp: 18339
 Ion Ratio Lower Upper
 164 100
 162 102.3 82.8 124.2
 160 46.3 38.0 57.0





#14

2,4,6-Tribromophenol

Concen: 0.306 ng

RT: 15.83 min Scan# 1456

Delta R.T. -0.00 min

Lab File: BN007636.D

Acq: 13 Sep 2019 20:37

Instrument :

BNA_N

ClientSampleId :

DUP01-20190909

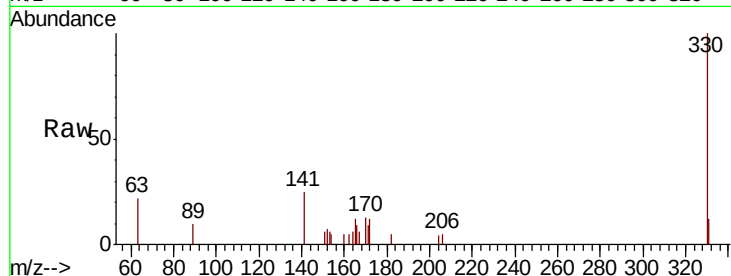
Tot Ion:330 Resp: 2122

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

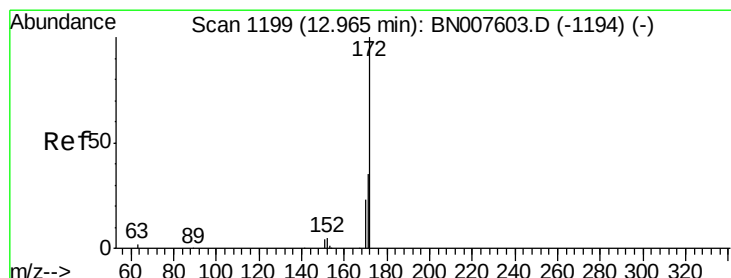
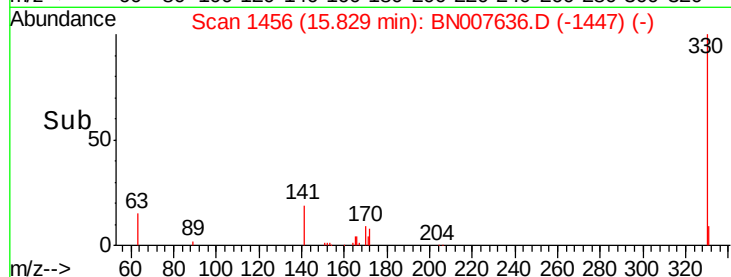
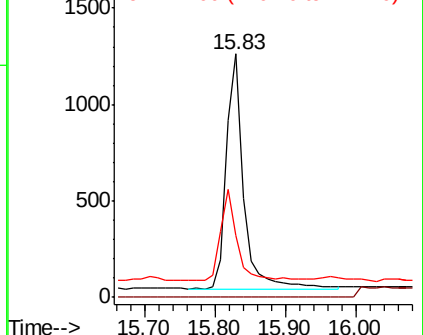
141 36.5 30.1 45.1



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: 0.434 ng

RT: 12.97 min Scan# 1199

Delta R.T. -0.00 min

Lab File: BN007636.D

Acq: 13 Sep 2019 20:37

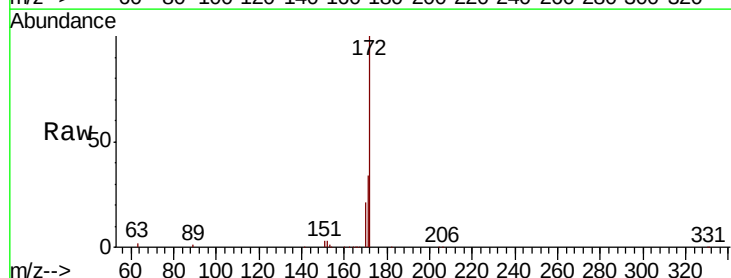
Tgt Ion:172 Resp: 34691

Ion Ratio Lower Upper

172 100

171 33.6 27.9 41.9

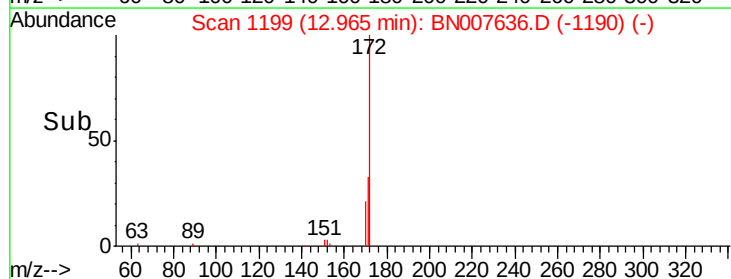
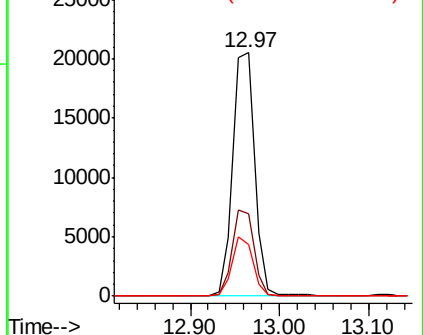
170 21.2 18.5 27.7

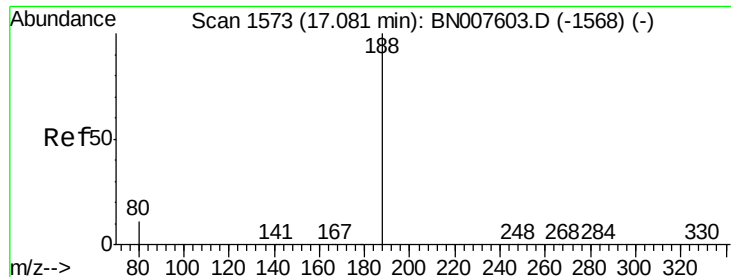


Abundance Ion 172.00 (171.70 to 172.70): E

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: BN007636.D

Acq: 13 Sep 2019 20:37

Instrument :

BNA_N

ClientSampleId :

DUP01-20190909

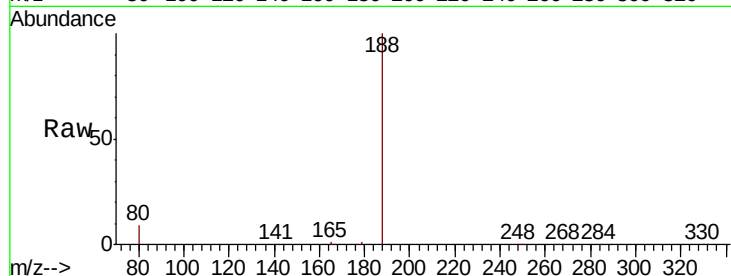
Tot Ion:188 Resp: 37394

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

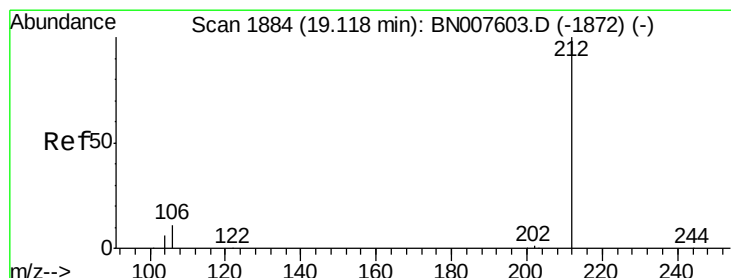
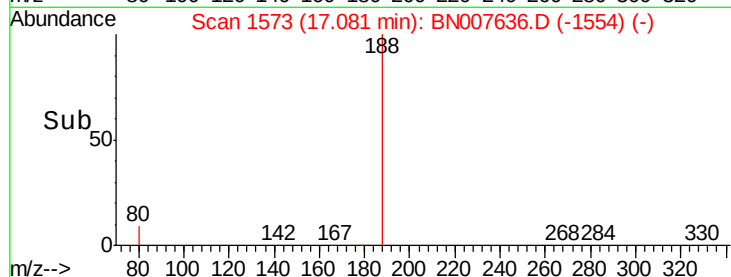
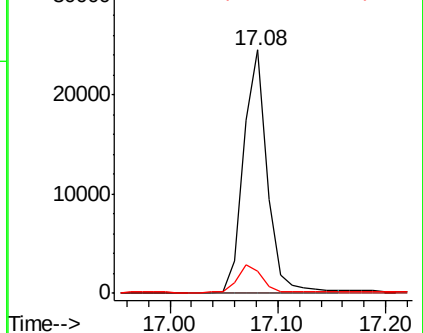
80 9.0 8.8 13.2



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: 0.423 ng

RT: 19.11 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BN007636.D

Acq: 13 Sep 2019 20:37

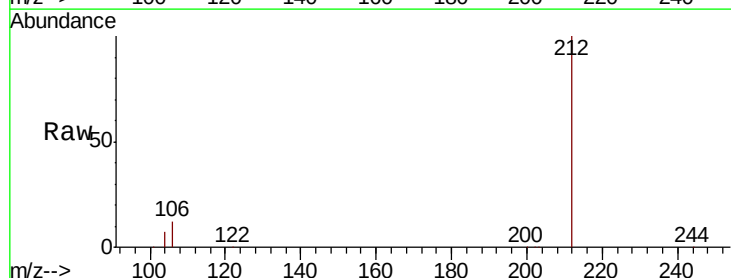
Tgt Ion:212 Resp: 49966

Ion Ratio Lower Upper

212 100

106 12.3 9.6 14.4

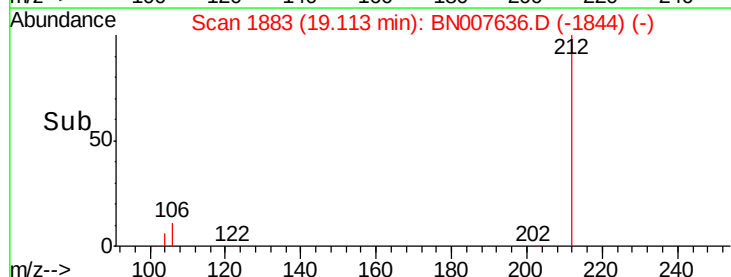
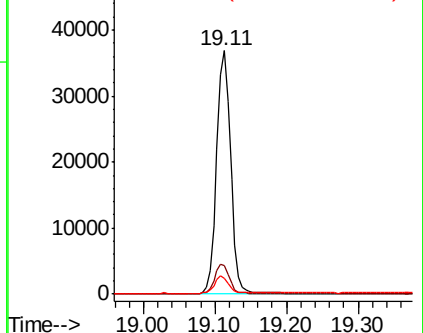
104 6.9 5.4 8.0

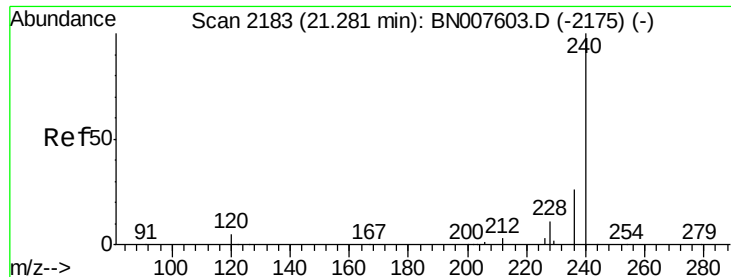


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

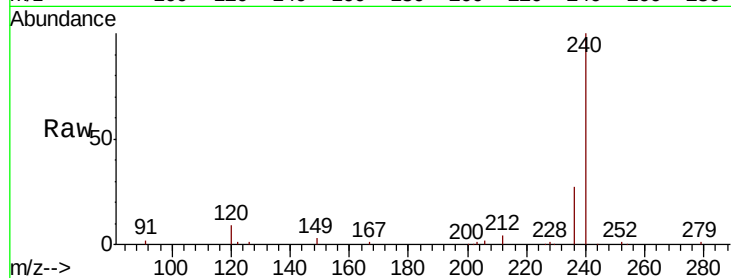




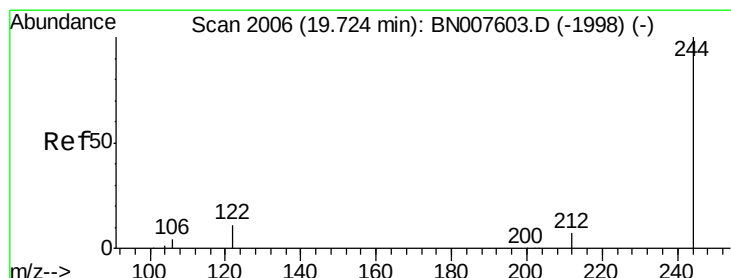
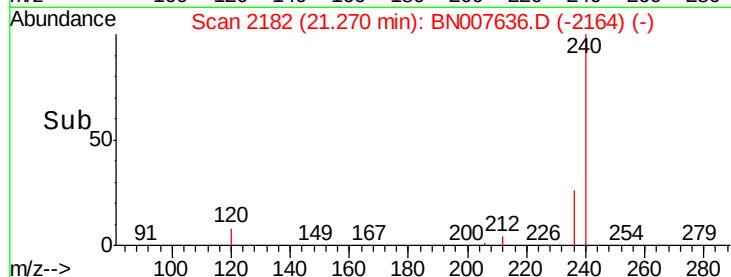
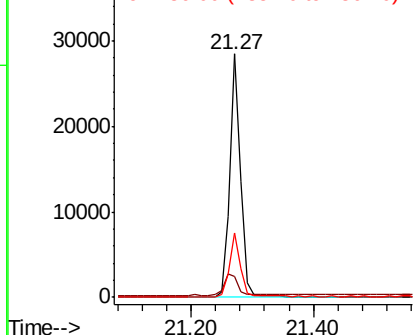
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BN007636.D
Acq: 13 Sep 2019 20:37

Instrument :
BNA_N
ClientSampleId :
DUP01-20190909

Tot Ion:240 Resp: 34835
Ion Ratio Lower Upper
240 100
120 8.7 4.3 6.5#
236 26.7 20.8 31.2

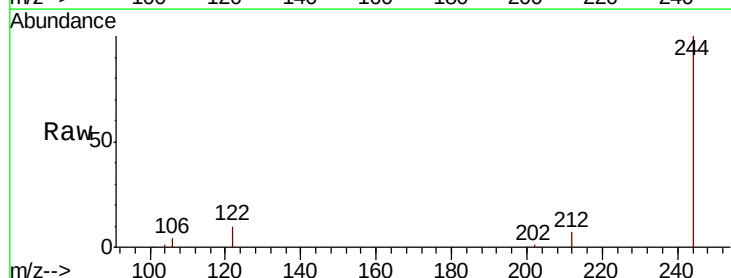


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

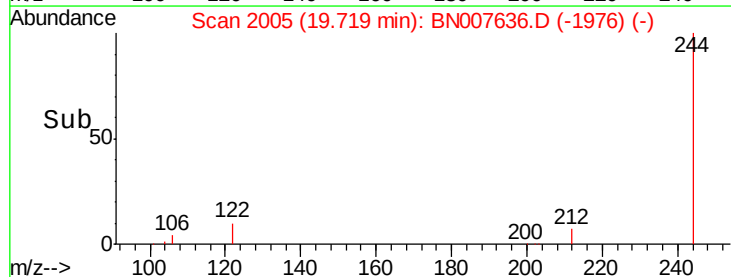
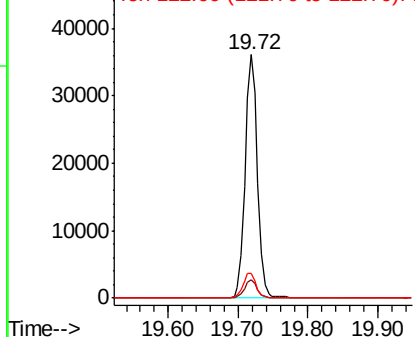


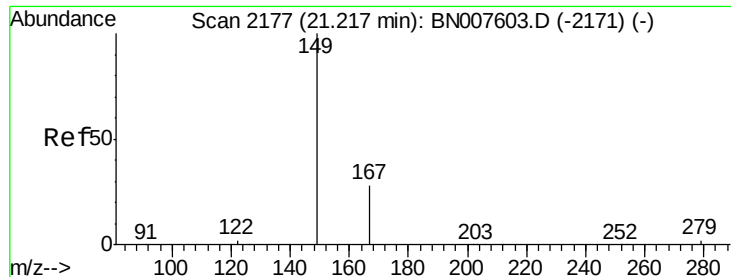
#29
Terphenyl-d14
Concen: 0.480 ng
RT: 19.72 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BN007636.D
Acq: 13 Sep 2019 20:37

Tgt Ion:244 Resp: 44089
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 10.2 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: 0.028 ng

RT: 21.21 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BN007636.D

Acq: 13 Sep 2019 20:37

Instrument :

BNA_N

ClientSampleId :

DUP01-20190909

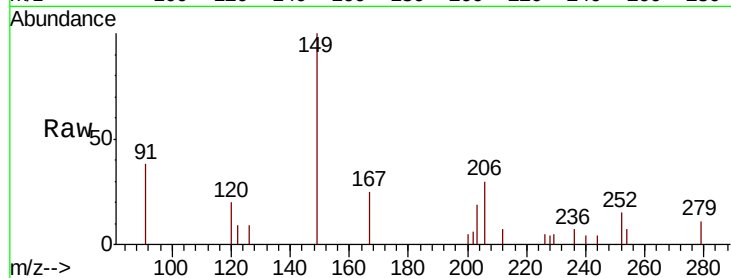
Tot Ion:149 Resp: 1193

Ion Ratio Lower Upper

149 100

167 23.0 22.6 34.0

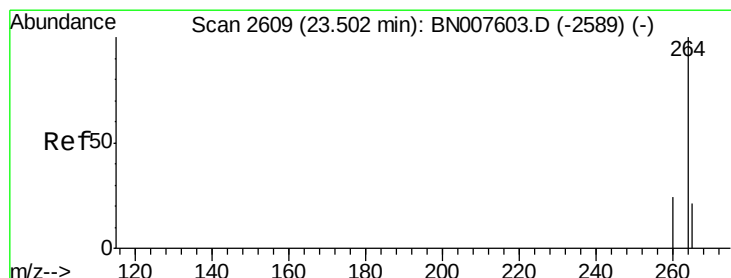
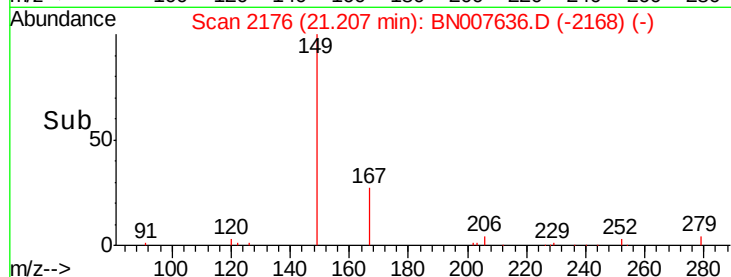
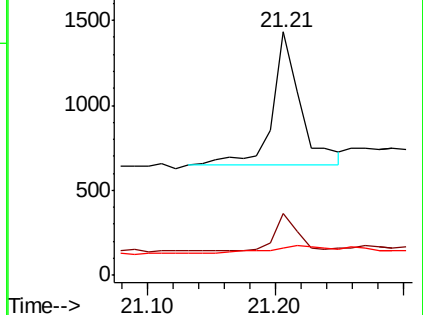
279 12.3 3.8 5.6#



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# 2606

Delta R.T. -0.01 min

Lab File: BN007636.D

Acq: 13 Sep 2019 20:37

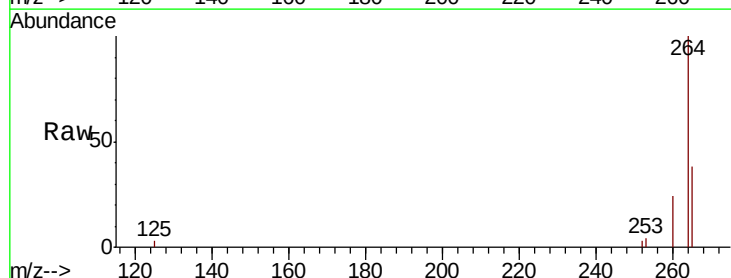
Tgt Ion:264 Resp: 33501

Ion Ratio Lower Upper

264 100

260 24.3 19.1 28.7

265 38.4 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

