

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091319\
 Data File : BN007658.D
 Acq On : 14 Sep 2019 10:57
 Operator : HP/JU
 Sample : K4858-26
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20190911

Quant Time: Sep 16 01:38:43 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

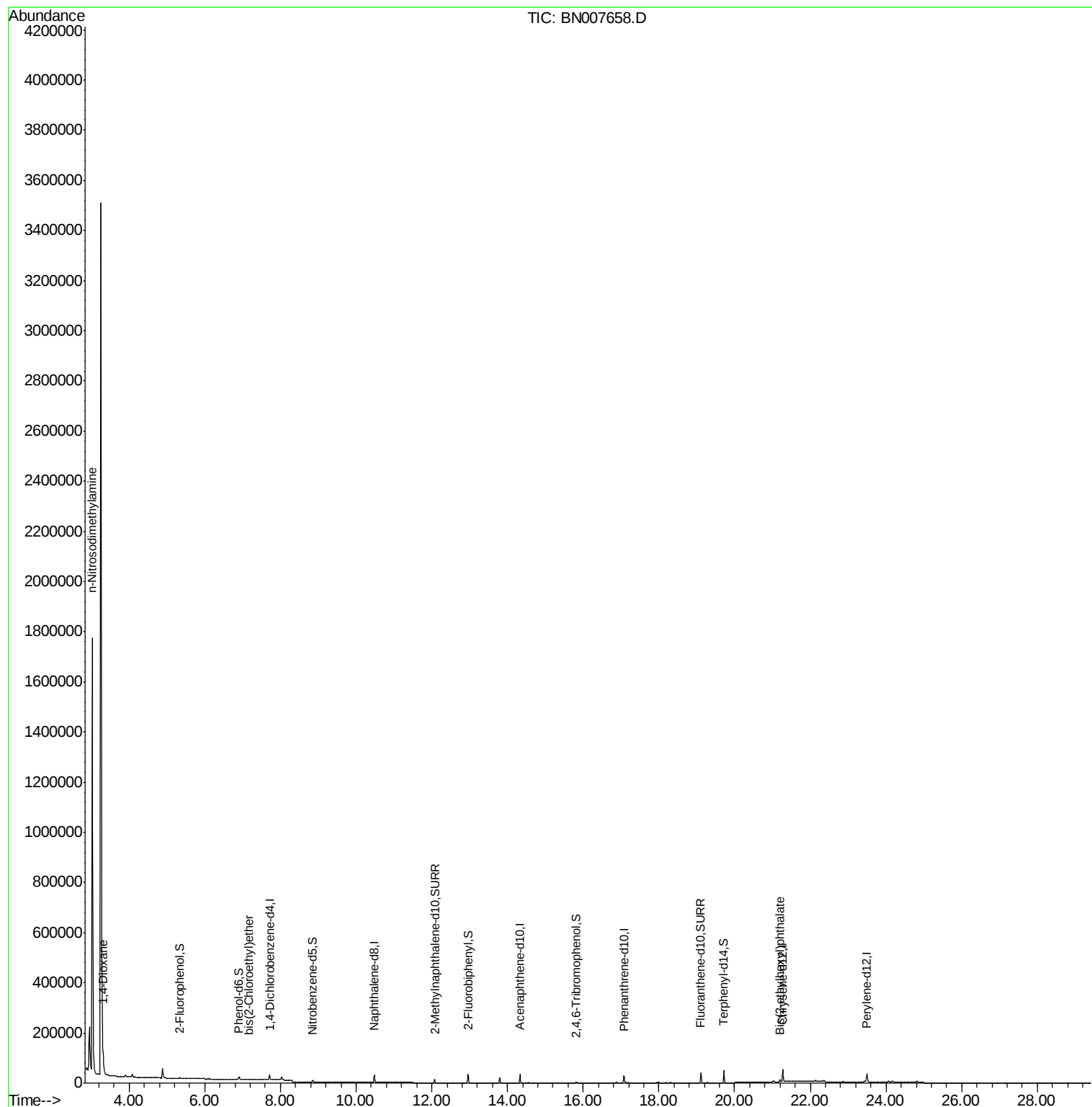
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	9417	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	36492	0.40	ng	-0.01
13) Acenaphthene-d10	14.34	164	20436	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	42385	0.40	ng	-0.01
27) Chrysene-d12	21.27	240	43935	0.40	ng	-0.01
34) Perylene-d12	23.50	264	44569	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	2909	0.10	ng	0.00
5) Phenol-d6	6.89	99	2443	0.07	ng	0.00
8) Nitrobenzene-d5	8.85	82	9091	0.31	ng	-0.01
11) 2-Methylnaphthalene-d10	12.07	152	20571	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	1720	0.22	ng	-0.01
15) 2-Fluorobiphenyl	12.95	172	29818	0.33	ng	-0.01
25) Fluoranthene-d10	19.11	212	47884	0.36	ng	0.00
29) Terphenyl-d14	19.72	244	50685	0.44	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.31	88	43630	3.867	ng	Qvalue 88
3) n-Nitrosodimethylamine	3.03	42	154508	30.176	ng	# 1
6) bis(2-Chloroethyl)ether	7.15	93	1072	0.039	ng	88
32) Bis(2-ethylhexyl)phthalate	21.21	149	7844	0.149	ng	99

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

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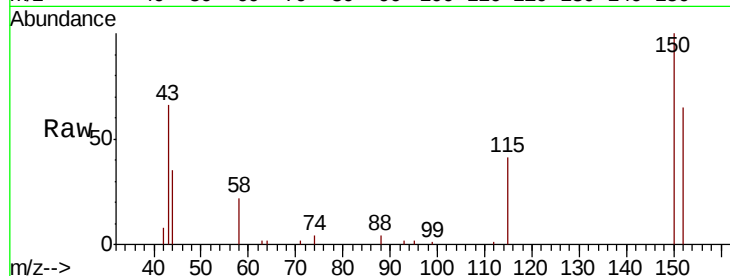


#1

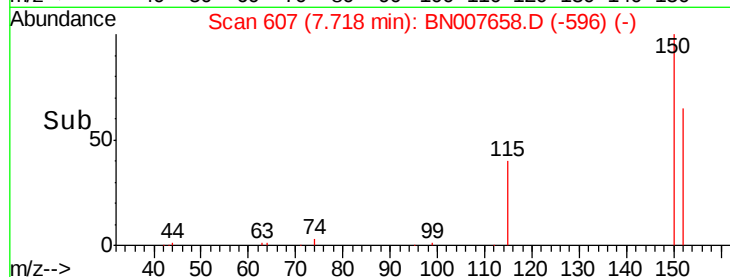
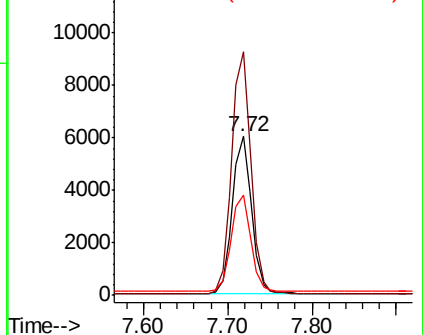
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 607
Delta R.T. -0.01 min
Lab File: BN007658.D
Acq: 14 Sep 2019 10:57

Instrument :
BNA_N
ClientSampleId :
RE132D6-20190911

Tot Ion:152 Resp: 9417
Ion Ratio Lower Upper
152 100
150 153.6 122.4 183.6
115 63.4 50.4 75.6



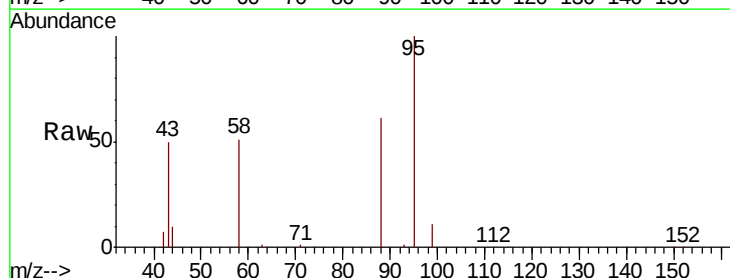
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



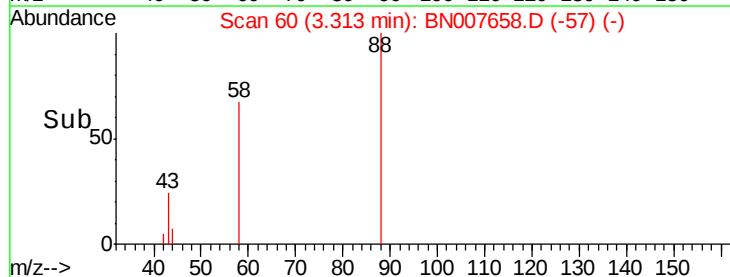
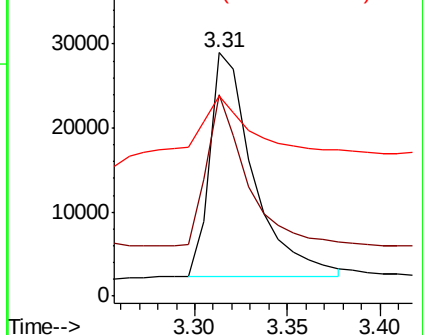
#2

1,4-Dioxane
Concen: 3.867 ng
RT: 3.31 min Scan# 60
Delta R.T. -0.02 min
Lab File: BN007658.D
Acq: 14 Sep 2019 10:57

Tgt Ion: 88 Resp: 43630
Ion Ratio Lower Upper
88 100
58 59.9 57.0 85.4
43 21.9 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: 30.176 ng

RT: 3.03 min Scan# 25

Delta R.T. -0.01 min

Lab File: BN007658.D

Acq: 14 Sep 2019 10:57

Instrument :

BNA_N

ClientSampleId :

RE132D6-20190911

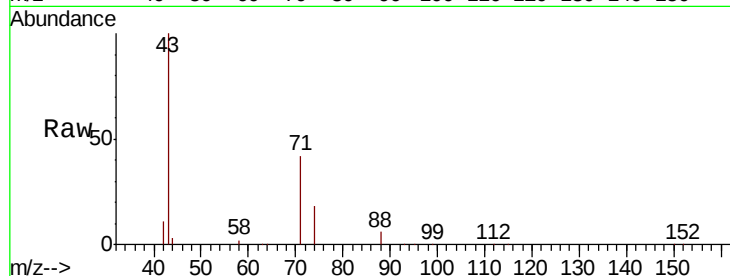
Tot Ion: 42 Resp: 154508

Ion Ratio Lower Upper

42 100

74 146.0 9.8 14.8#

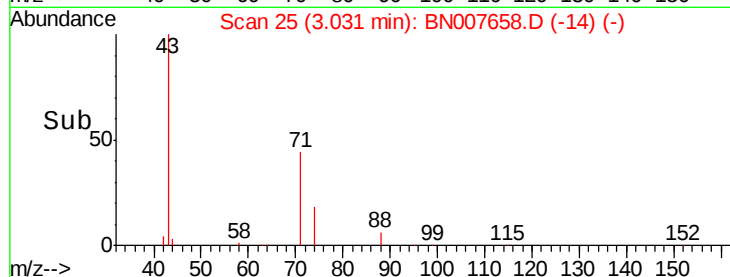
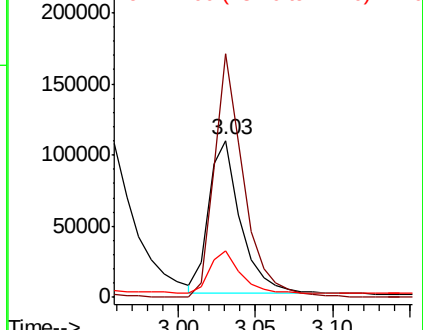
44 26.6 0.0 0.0#



Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC



#4

2-Fluorophenol

Concen: 0.096 ng

RT: 5.33 min Scan# 311

Delta R.T. -0.01 min

Lab File: BN007658.D

Acq: 14 Sep 2019 10:57

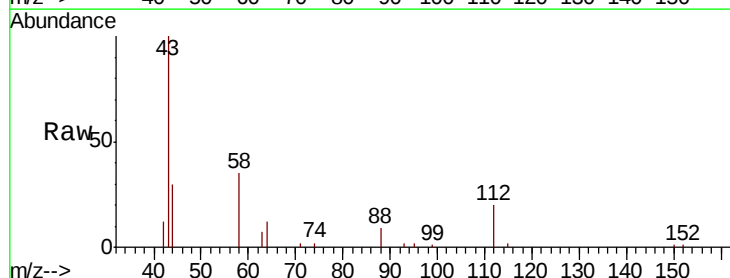
Tgt Ion: 112 Resp: 2909

Ion Ratio Lower Upper

112 100

64 61.2 48.5 72.7

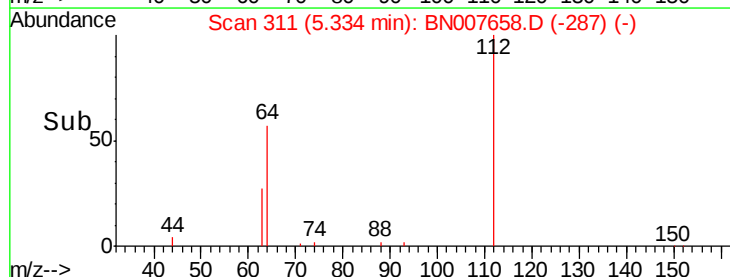
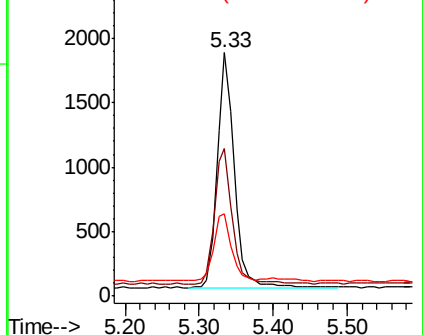
63 29.8 24.4 36.6

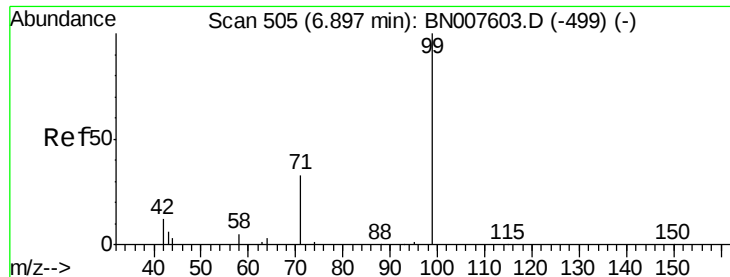


Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.073 ng

RT: 6.89 min Scan# 504

Delta R.T. -0.01 min

Lab File: BN007658.D

Acq: 14 Sep 2019 10:57

Instrument :

BNA_N

ClientSampleId :

RE132D6-20190911

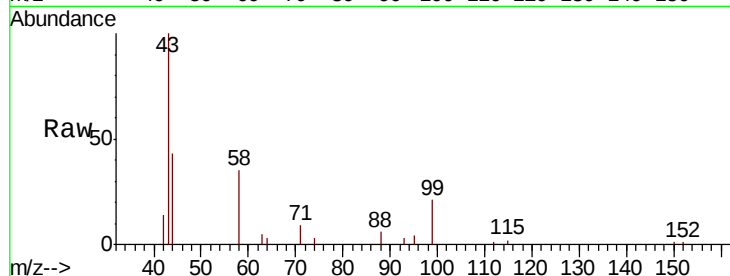
Tot Ion: 99 Resp: 2443

Ion Ratio Lower Upper

99 100

42 0.0 11.8 17.6#

71 43.6 28.0 42.0#

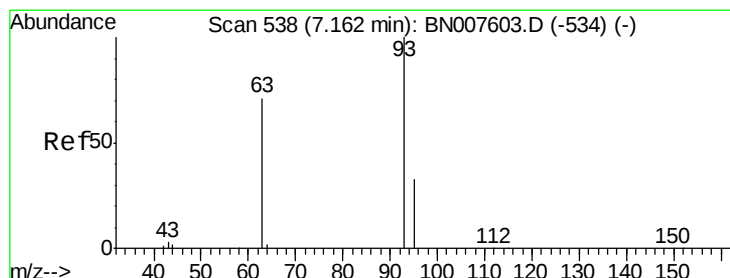
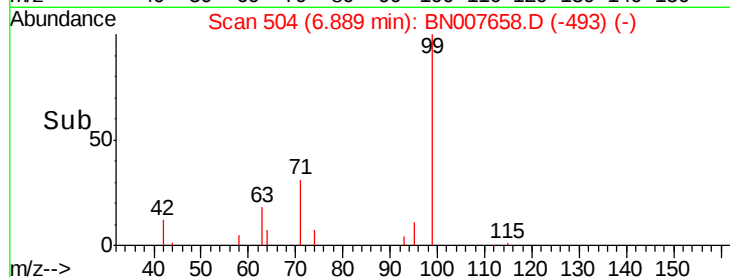
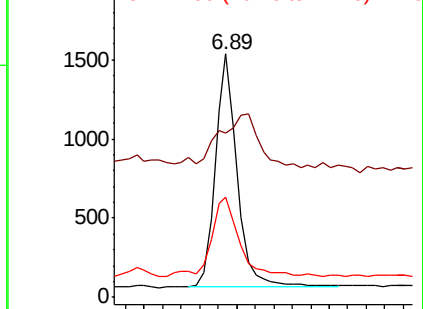


Abundance

Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC



#6

bis(2-Chloroethyl)ether

Concen: 0.039 ng

RT: 7.15 min Scan# 537

Delta R.T. -0.01 min

Lab File: BN007658.D

Acq: 14 Sep 2019 10:57

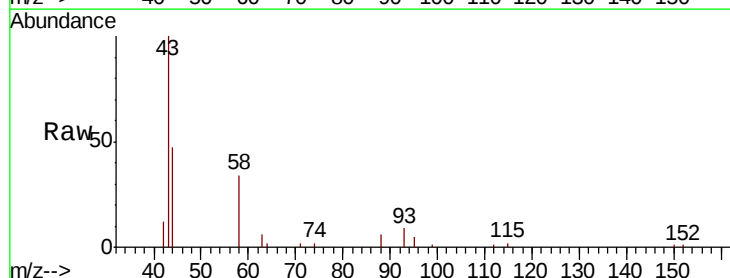
Tgt Ion: 93 Resp: 1072

Ion Ratio Lower Upper

93 100

63 63.2 61.2 91.8

95 36.1 27.2 40.8

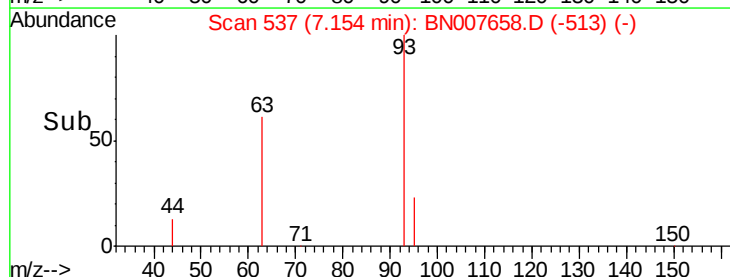
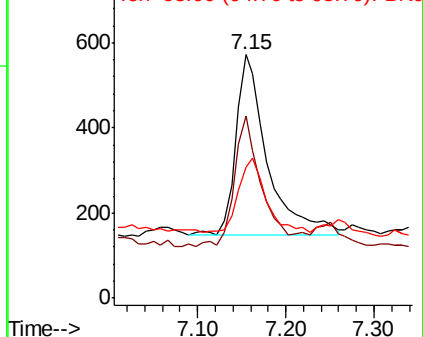


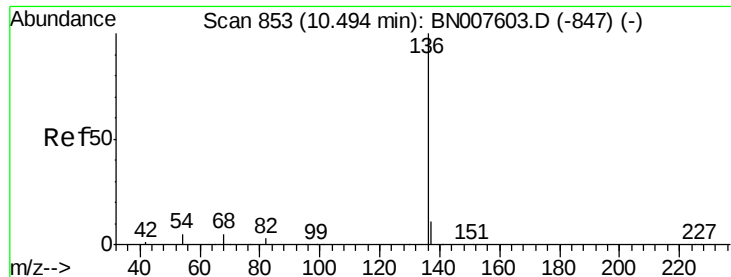
Abundance

Ion 93.00 (92.70 to 93.70): BNC

Ion 63.00 (62.70 to 63.70): BNC

Ion 95.00 (94.70 to 95.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.48 min Scan# 852

Delta R.T. -0.01 min

Lab File: BN007658.D

Acq: 14 Sep 2019 10:57

Instrument :

BNA_N

ClientSampleId :

RE132D6-20190911

Tot Ion:136 Resp: 36492

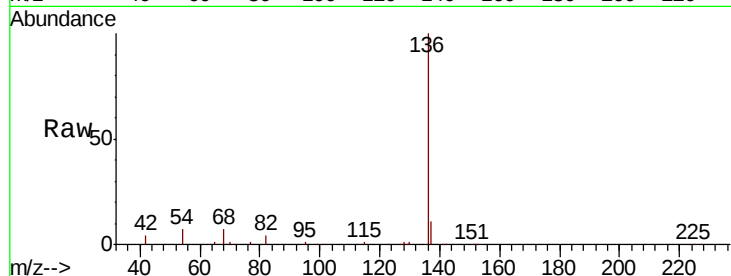
Ion Ratio Lower Upper

136 100

137 11.5 8.8 13.2

54 6.6 4.2 6.4#

68 7.1 4.6 7.0#

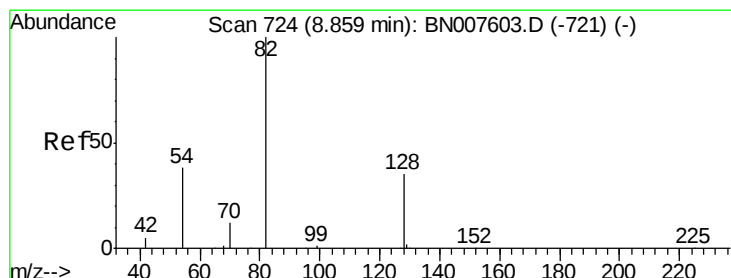
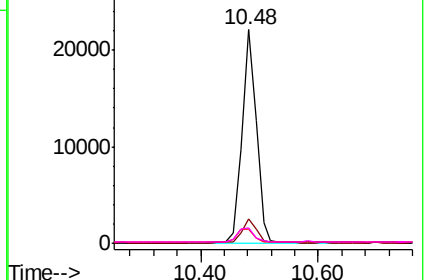
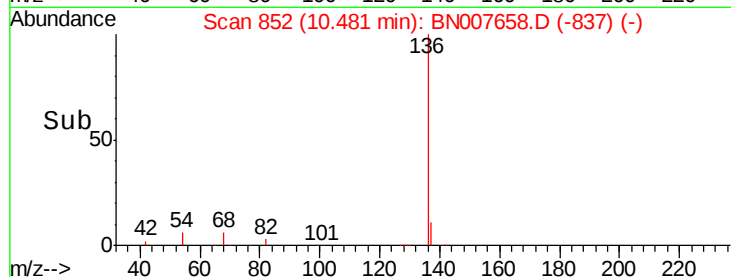


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.312 ng

RT: 8.85 min Scan# 723

Delta R.T. -0.01 min

Lab File: BN007658.D

Acq: 14 Sep 2019 10:57

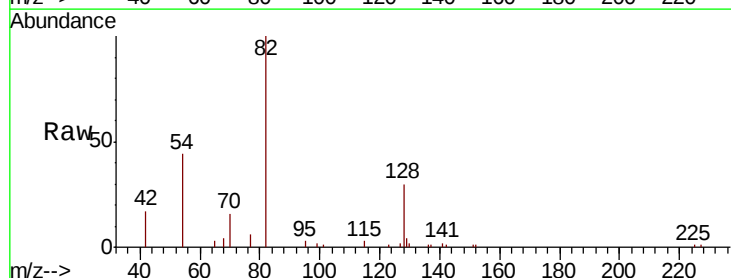
Tgt Ion: 82 Resp: 9091

Ion Ratio Lower Upper

82 100

128 29.8 27.9 41.9

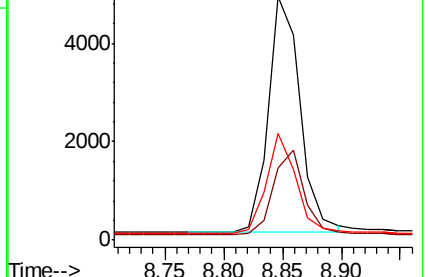
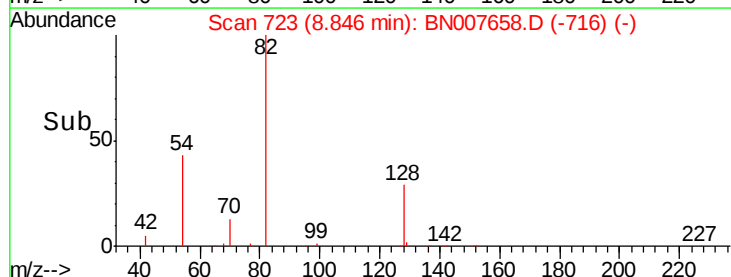
54 43.8 30.9 46.3

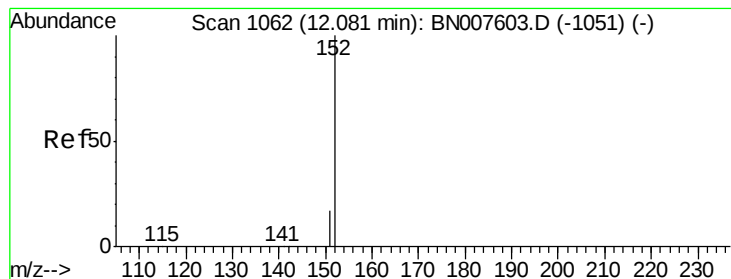


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#11

2-Methylnaphthalene-d10

Concen: 0.333 ng

RT: 12.07 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BN007658.D

Acq: 14 Sep 2019 10:57

Instrument :

BNA_N

ClientSampleId :

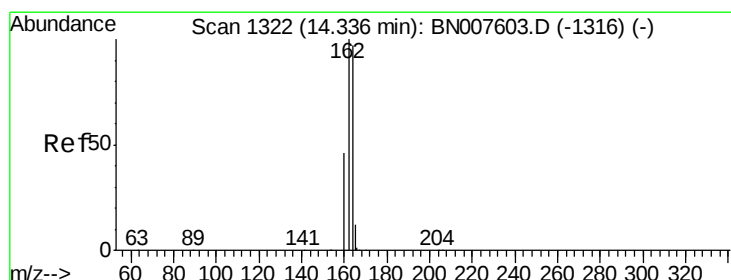
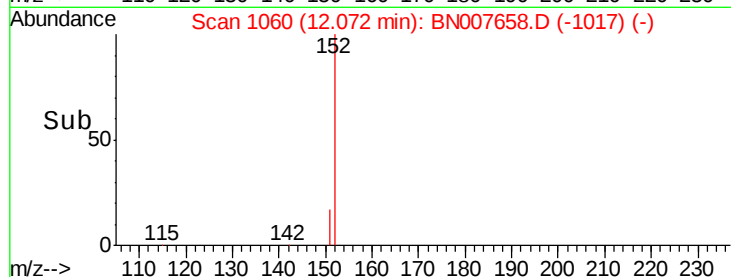
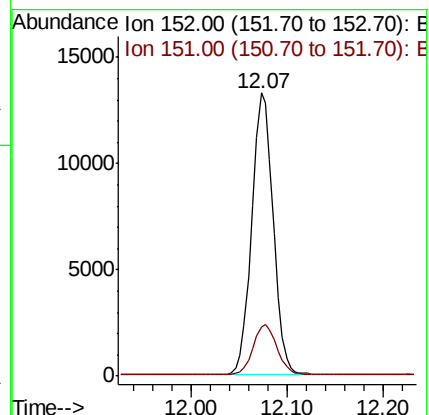
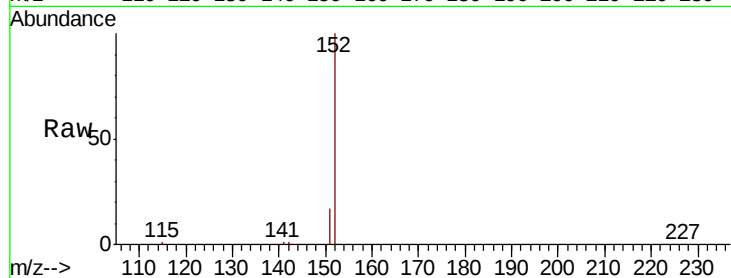
RE132D6-20190911

Tot Ion:152 Resp: 20571

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: BN007658.D

Acq: 14 Sep 2019 10:57

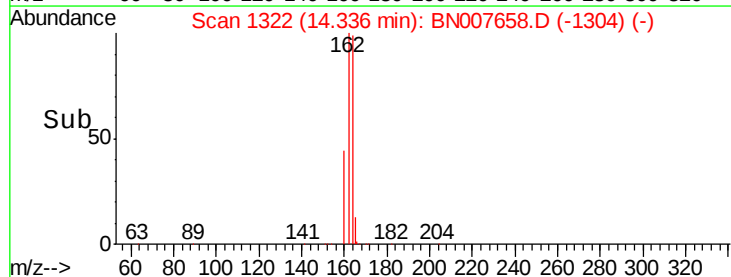
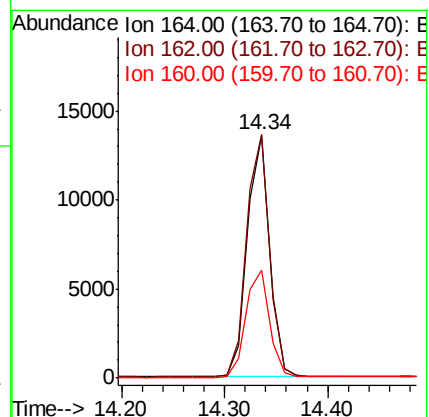
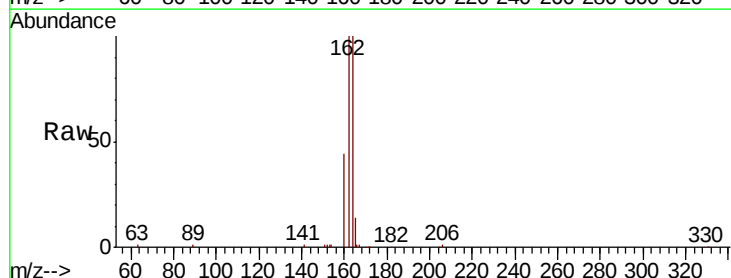
Tgt Ion:164 Resp: 20436

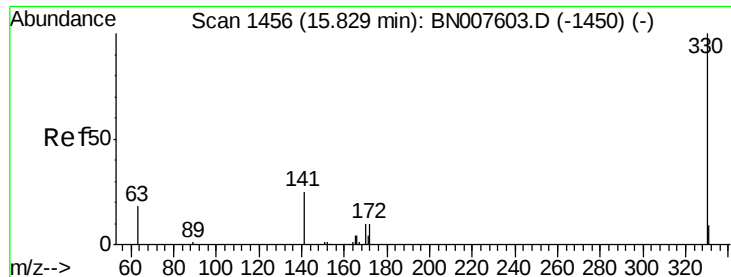
Ion Ratio Lower Upper

164 100

162 100.4 82.8 124.2

160 44.6 38.0 57.0





#14

2,4,6-Tribromophenol

Concen: 0.223 ng

RT: 15.82 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BN007658.D

Acq: 14 Sep 2019 10:57

Instrument :

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RE132D6-20190911

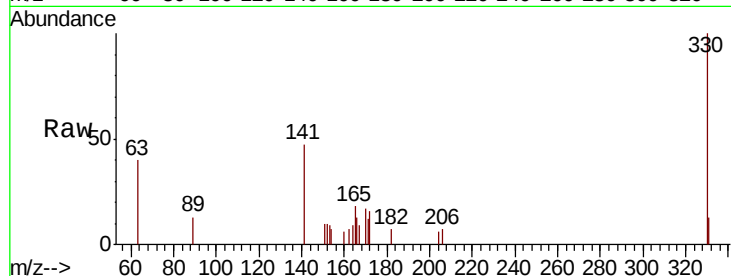
Tot Ion:330 Resp: 1720

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

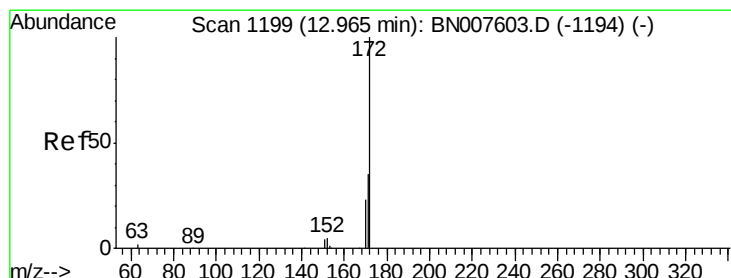
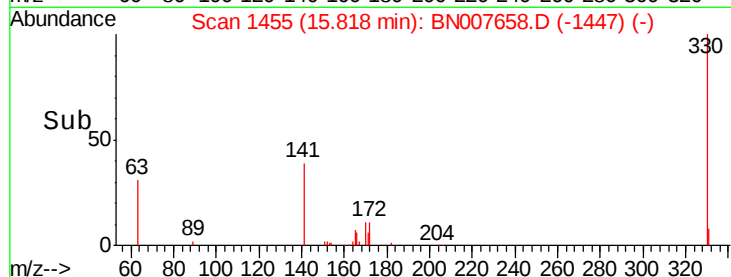
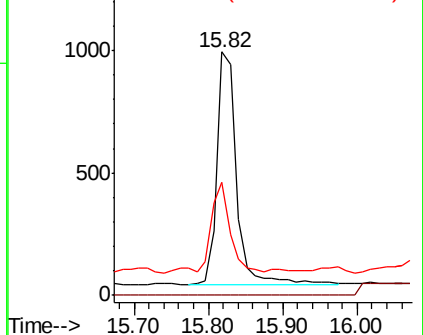
141 36.3 30.1 45.1



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: 0.335 ng

RT: 12.95 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BN007658.D

Acq: 14 Sep 2019 10:57

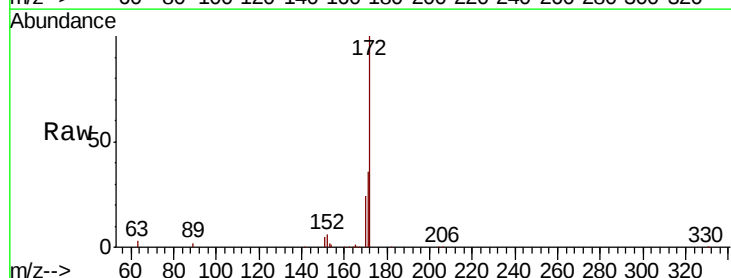
Tgt Ion:172 Resp: 29818

Ion Ratio Lower Upper

172 100

171 35.6 27.9 41.9

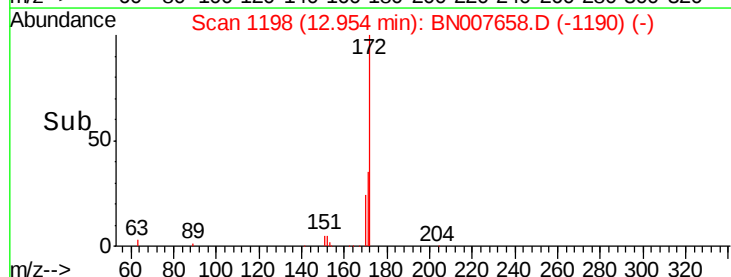
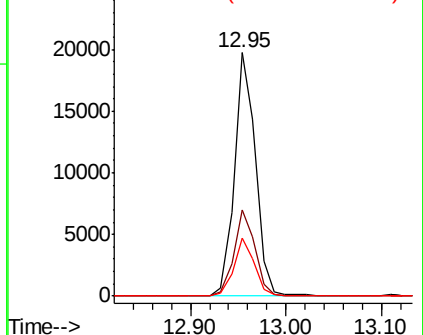
170 23.7 18.5 27.7

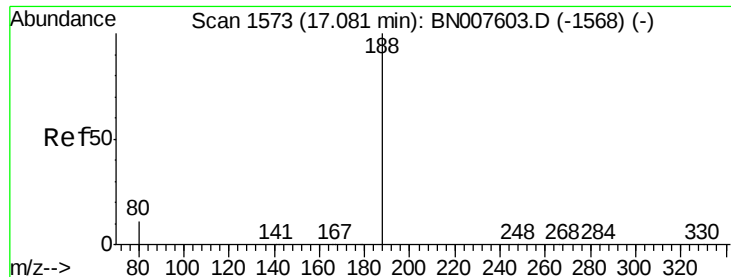


Abundance Ion 172.00 (171.70 to 172.70): E

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: BN007658.D

Acq: 14 Sep 2019 10:57

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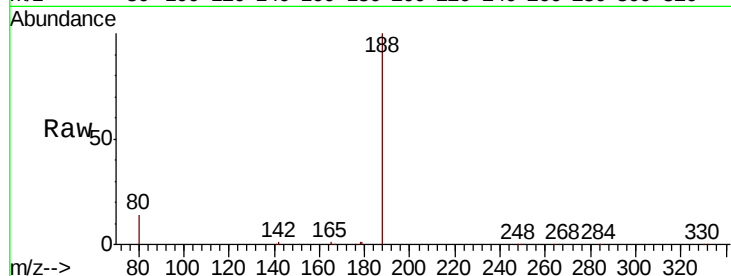
Tot Ion:188 Resp: 42385

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

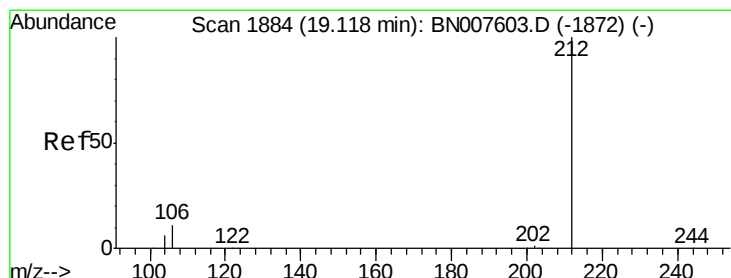
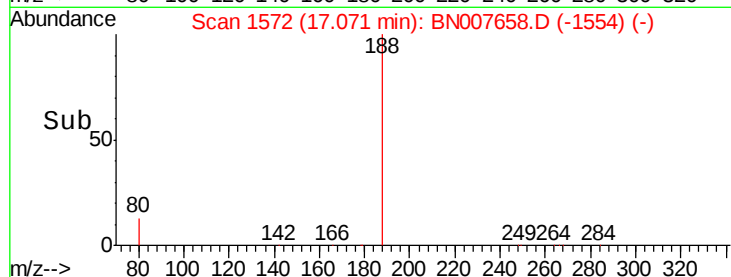
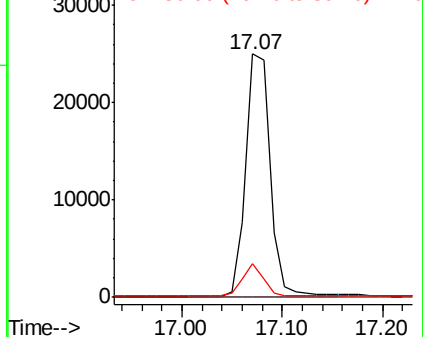
80 13.6 8.8 13.2#



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: 0.358 ng

RT: 19.11 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BN007658.D

Acq: 14 Sep 2019 10:57

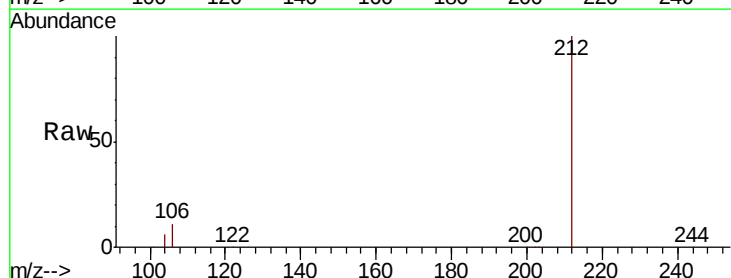
Tgt Ion:212 Resp: 47884

Ion Ratio Lower Upper

212 100

106 12.6 9.6 14.4

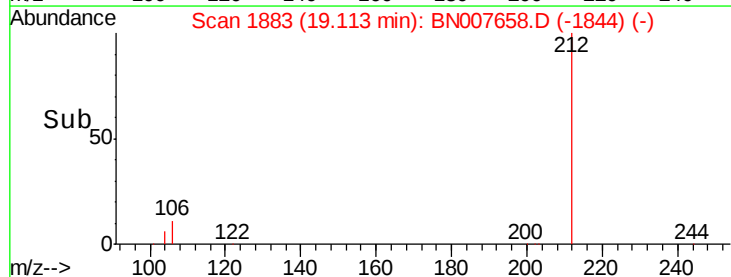
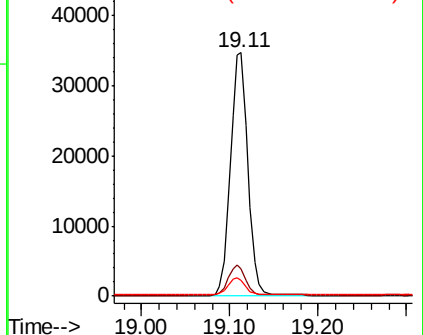
104 7.1 5.4 8.0

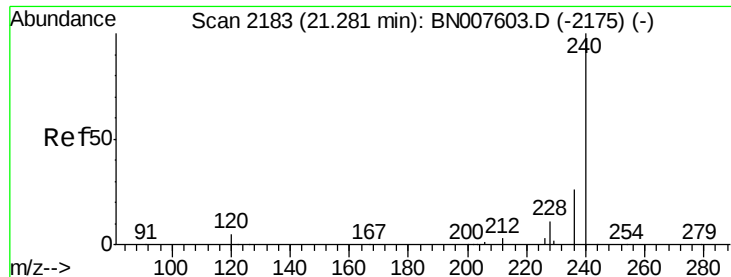


Abundance Ion 212.00 (211.70 to 212.70): E

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: BN007658.D

Acq: 14 Sep 2019 10:57

Instrument :

BNA_N

ClientSampleId :

RE132D6-20190911

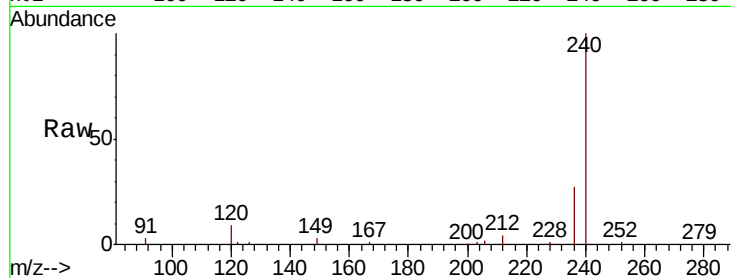
Tot Ion:240 Resp: 43935

Ion Ratio Lower Upper

240 100

120 9.3 4.3 6.5#

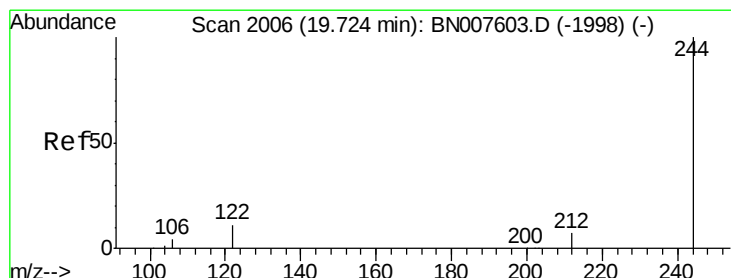
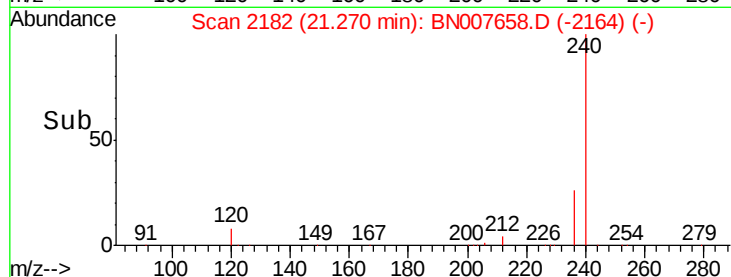
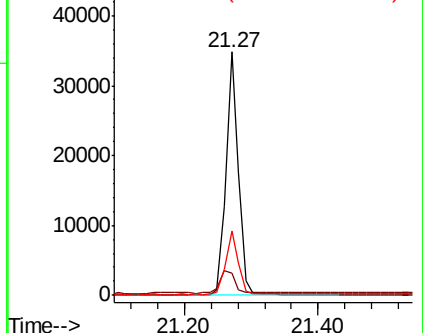
236 26.6 20.8 31.2



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: 0.438 ng

RT: 19.72 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BN007658.D

Acq: 14 Sep 2019 10:57

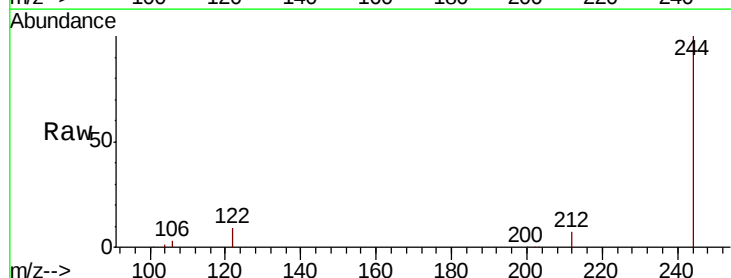
Tgt Ion:244 Resp: 50685

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

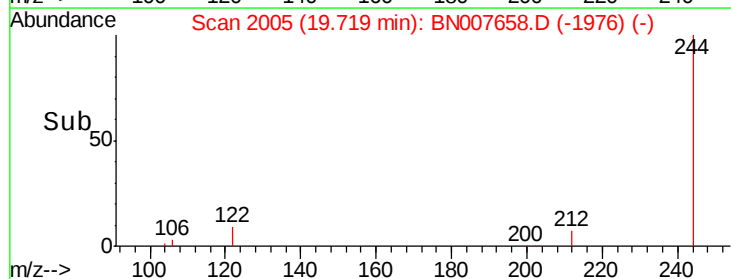
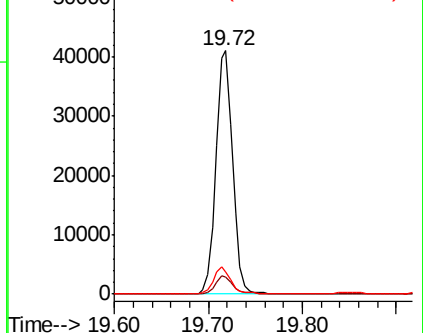
122 9.4 8.6 12.8

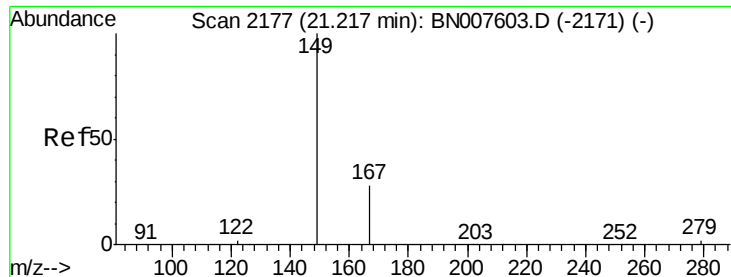


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

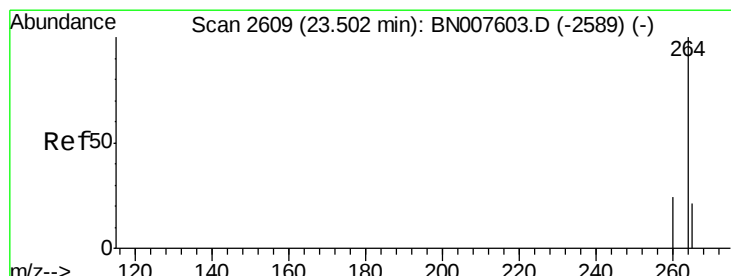
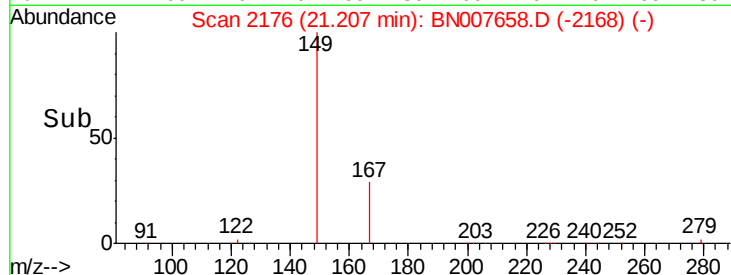
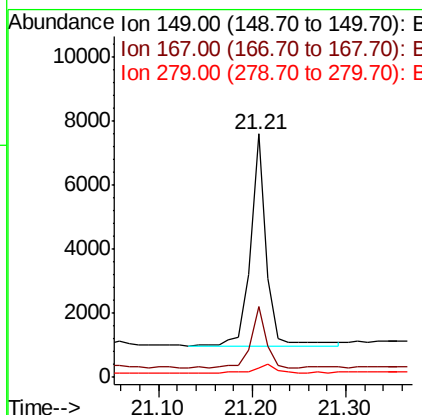
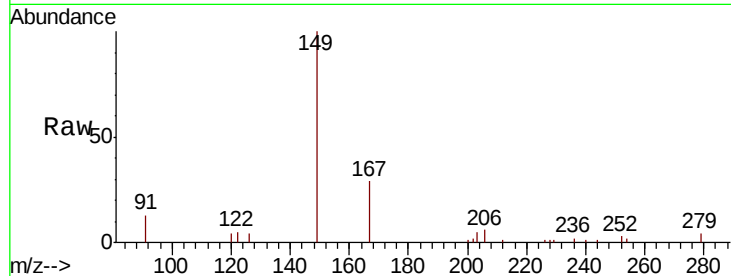




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.149 ng
 RT: 21.21 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: BN007658.D
 Acq: 14 Sep 2019 10:57

Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20190911

Tot Ion:149 Resp: 7844
 Ion Ratio Lower Upper
 149 100
 167 27.5 22.6 34.0
 279 4.6 3.8 5.6



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.50 min Scan# 2607
 Delta R.T. -0.01 min
 Lab File: BN007658.D
 Acq: 14 Sep 2019 10:57

Tgt Ion:264 Resp: 44569
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.1 28.7
 265 33.8 24.6 37.0

