

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091919\
 Data File : BN007753.D
 Acq On : 19 Sep 2019 22:22
 Operator : HP/JU
 Sample : K4858-25 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 20 01:50:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 18:24:40 2019
 Response via : Initial Calibration

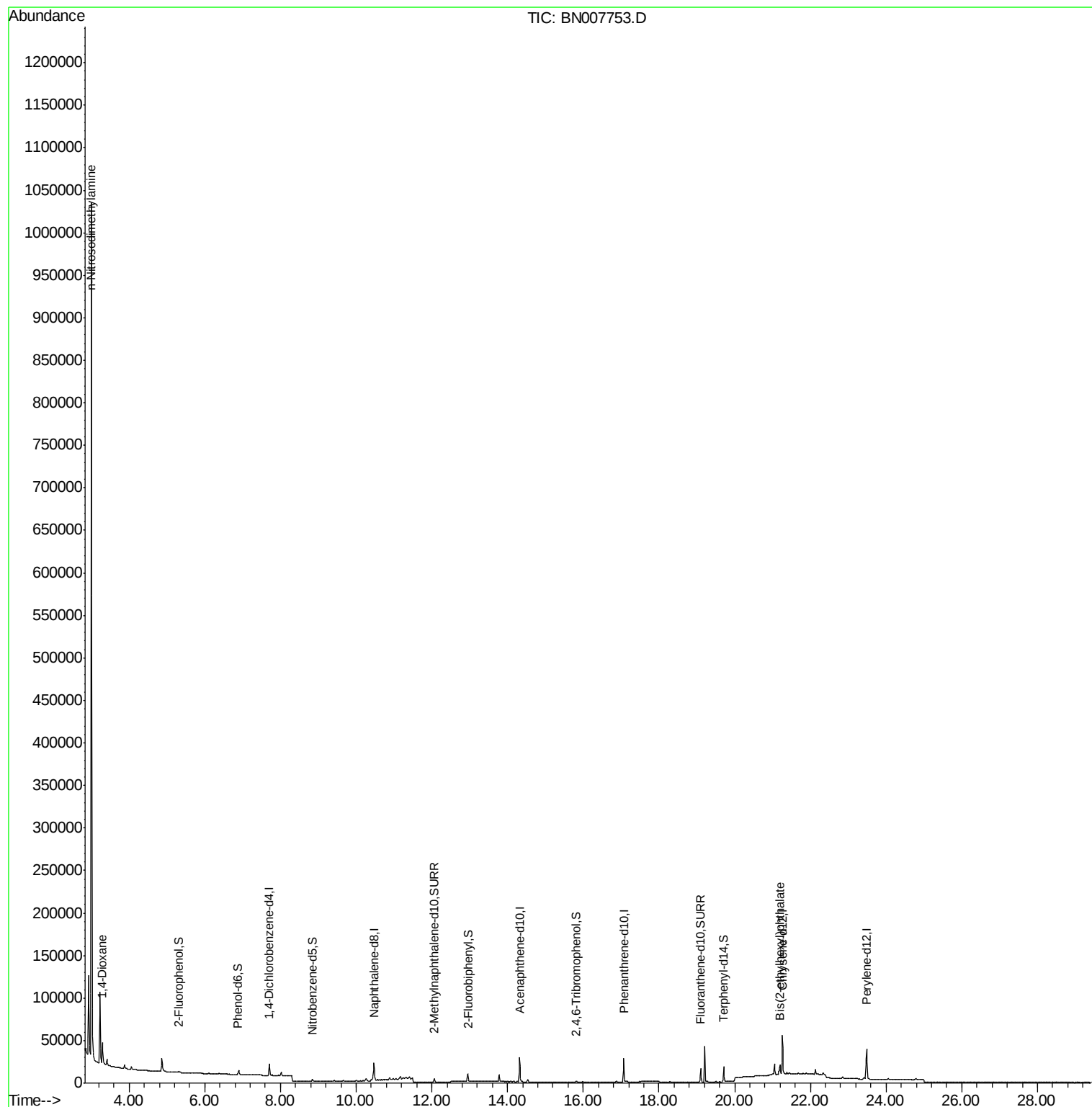
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	6706	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	25743	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	16145	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	35389	0.40	ng	0.00
27) Chrysene-d12	21.26	240	44196	0.40	ng	0.00
34) Perylene-d12	23.48	264	46233	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	995	0.04	ng	0.00
5) Phenol-d6	6.87	99	872	0.02	ng	0.00
8) Nitrobenzene-d5	8.83	82	2508	0.11	ng	0.00
11) 2-Methylnaphthalene-d10	12.06	152	6230	0.14	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	960	0.11	ng	0.00
15) 2-Fluorobiphenyl	12.95	172	9249	0.14	ng	0.00
25) Fluoranthene-d10	19.10	212	18809	0.16	ng	0.00
29) Terphenyl-d14	19.71	244	18392	0.17	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.30	88	20469	2.739	ng	# 91
3) n-Nitrosodimethylamine	3.01	42	79372	23.185	ng	# 71
32) Bis(2-ethylhexyl)phthalate	21.20	149	14354	0.171	ng	# 96

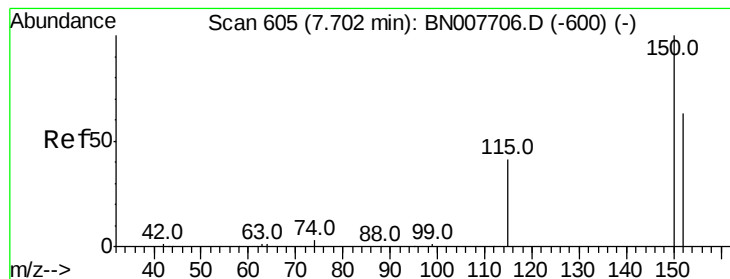
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.70 min Scan# 605

Delta R.T. 0.00 min

Lab File: BN007753.D

Acq: 19 Sep 2019 22:22

Instrument :

BNA_N

ClientSampleId :

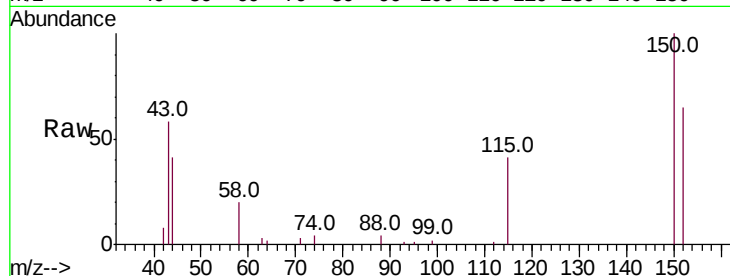
Tot Ion:152 Resp: 6706

Ion Ratio Lower Upper

152 100

150 153.7 125.6 188.4

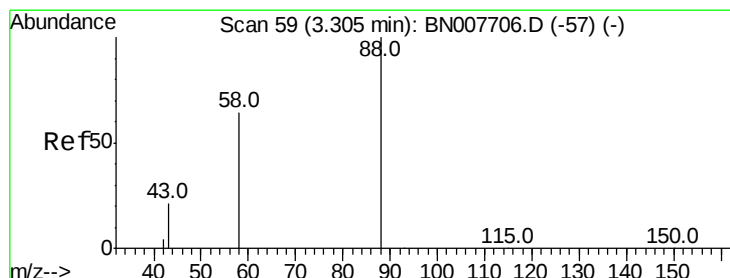
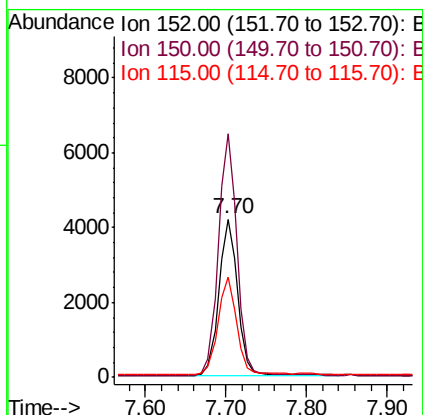
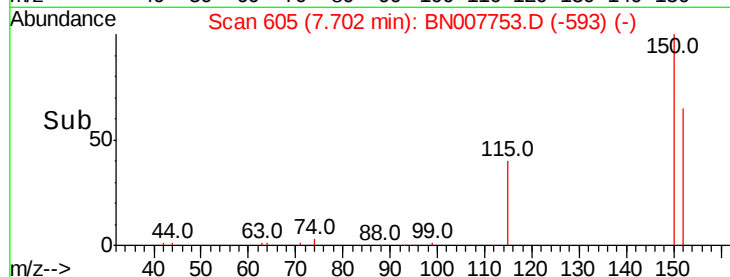
115 62.9 53.3 79.9



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: 2.739 ng

RT: 3.30 min Scan# 58

Delta R.T. -0.01 min

Lab File: BN007753.D

Acq: 19 Sep 2019 22:22

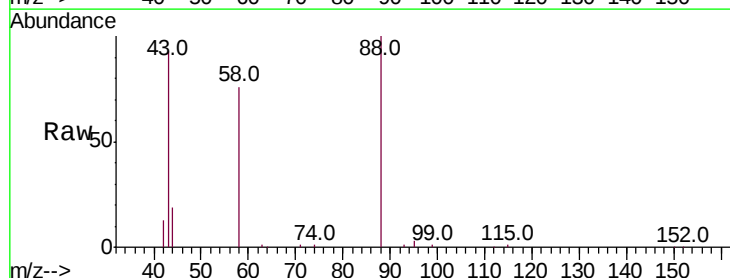
Tgt Ion: 88 Resp: 20469

Ion Ratio Lower Upper

88 100

58 61.0 44.6 66.8

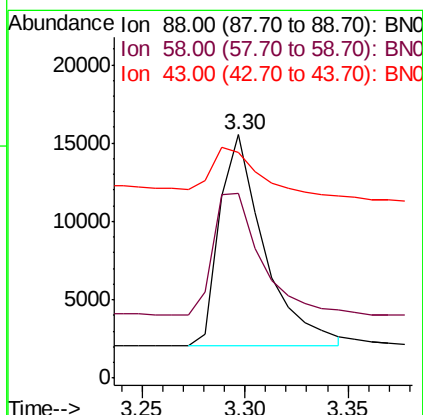
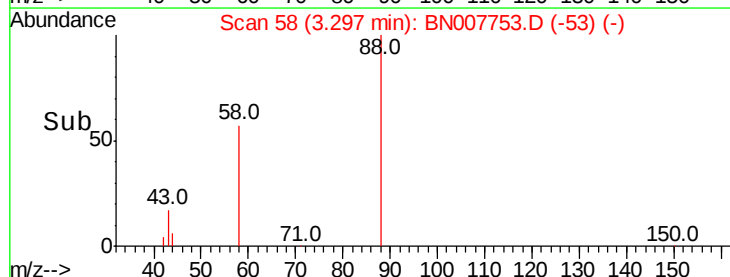
43 24.0 14.4 21.6#

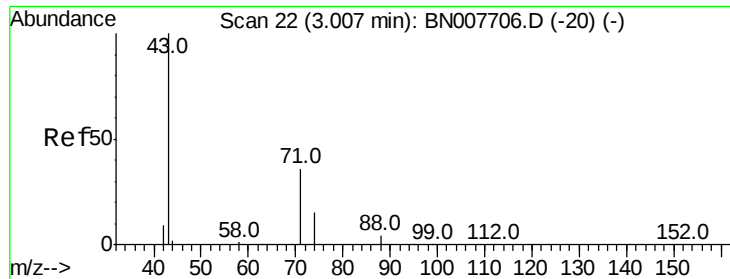


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC

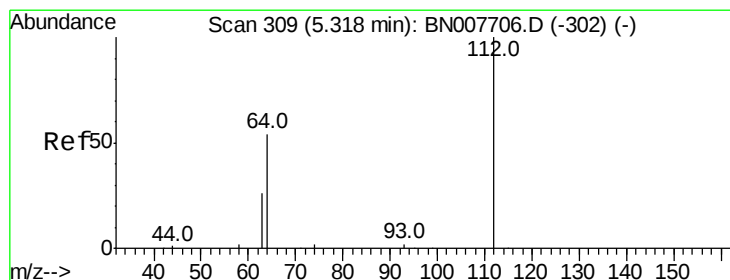
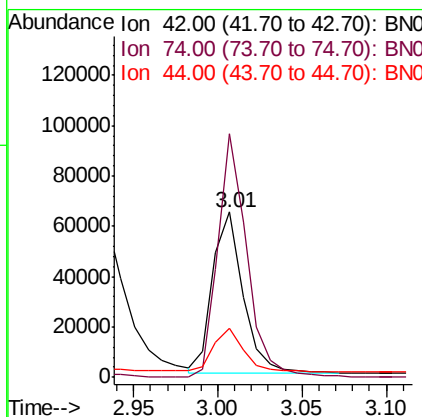
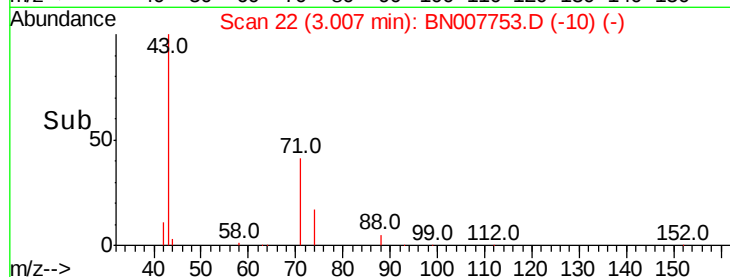
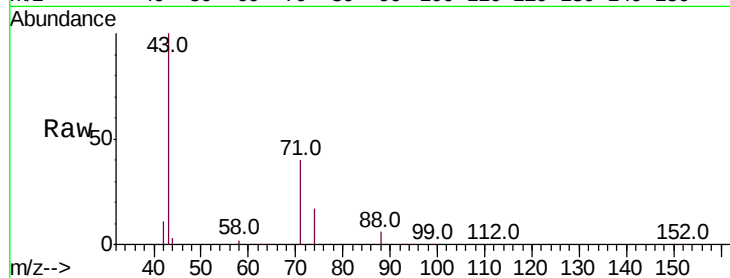




#3
n-Nitrosodimethylamine
Concen: 23.185 ng
RT: 3.01 min Scan# 22
Delta R.T. 0.00 min
Lab File: BN007753.D
Acq: 19 Sep 2019 22:22

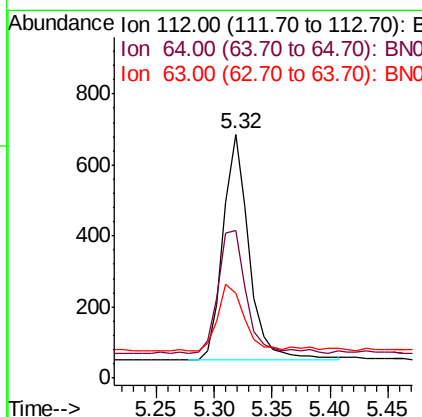
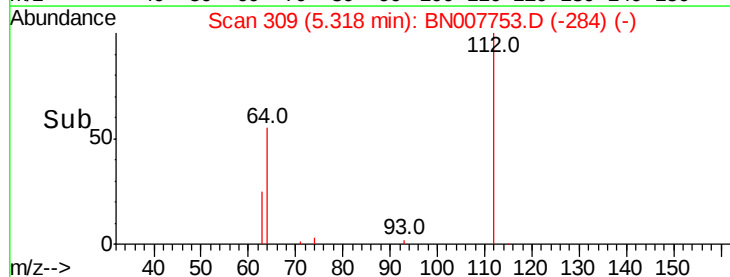
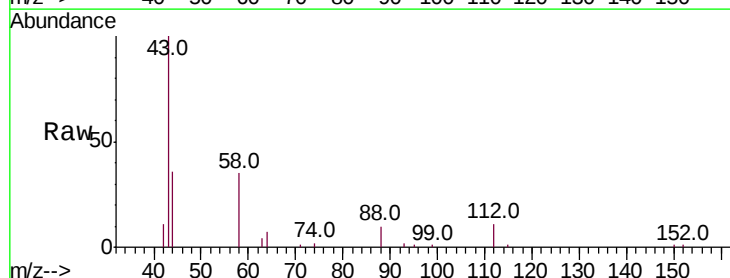
Instrument :
BNA_N
ClientSampleId :

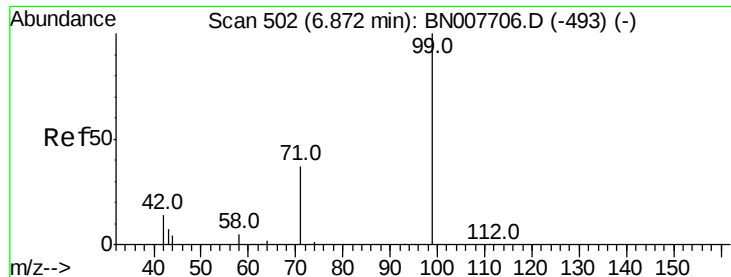
Tot Ion: 42 Resp: 79372
Ion Ratio Lower Upper
42 100
74 144.3 87.9 131.9#
44 26.4 29.4 44.0#



#4
2-Fluorophenol
Concen: 0.043 ng
RT: 5.32 min Scan# 309
Delta R.T. 0.00 min
Lab File: BN007753.D
Acq: 19 Sep 2019 22:22

Tgt Ion: 112 Resp: 995
Ion Ratio Lower Upper
112 100
64 60.5 46.6 70.0
63 29.6 23.1 34.7





#5

Phenol-d6

Concen: 0.024 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007753.D

Acq: 19 Sep 2019 22:22

Instrument :

BNA_N

ClientSampleId :

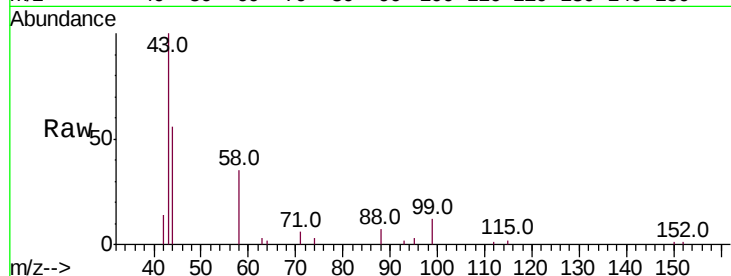
Tot Ion: 99 Resp: 872

Ion Ratio Lower Upper

99 100

42 0.0 12.8 19.2#

71 46.4 27.6 41.4#



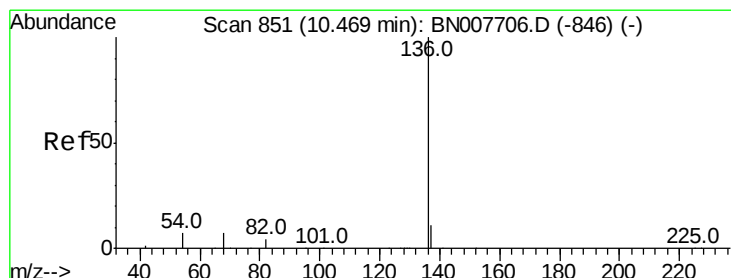
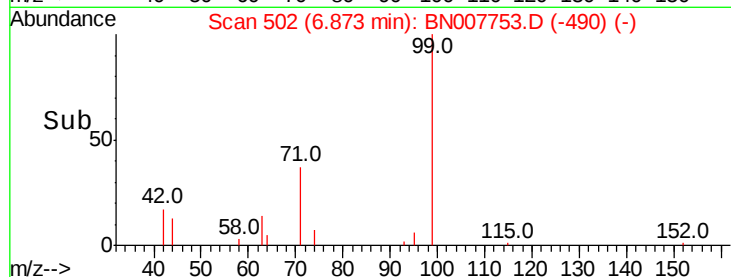
Abundance Ion 99.00 (98.70 to 99.70): BN007706.D (-493) (-)

Ion 42.00 (41.70 to 42.70): BN007706.D (-493) (-)

Ion 71.00 (70.70 to 71.70): BN007706.D (-493) (-)

6.87

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 851

Delta R.T. 0.00 min

Lab File: BN007753.D

Acq: 19 Sep 2019 22:22

Tgt Ion: 136 Resp: 25743

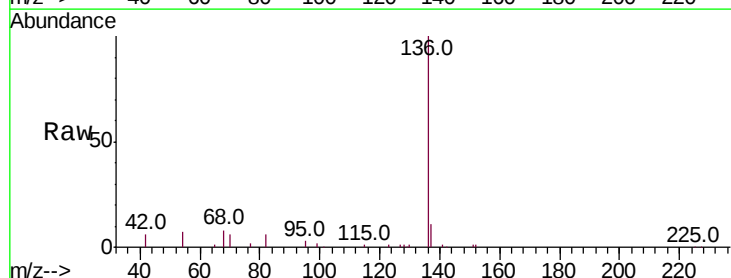
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 7.2 5.8 8.8

68 8.0 6.5 9.7



Abundance Ion 136.00 (135.70 to 136.70): BN007706.D (-846) (-)

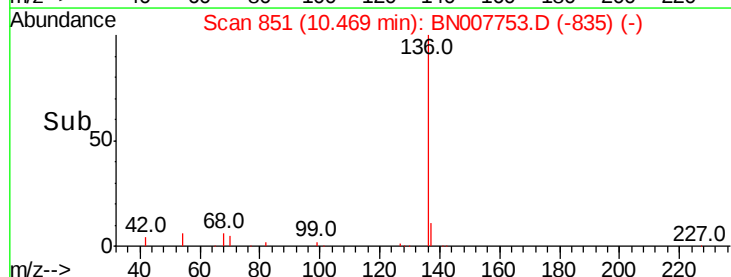
Ion 137.00 (136.70 to 137.70): BN007706.D (-846) (-)

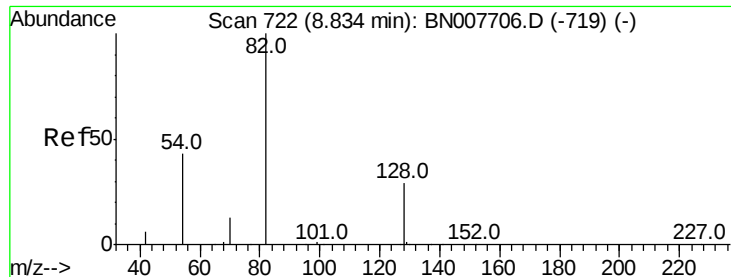
Ion 54.00 (53.70 to 54.70): BN007706.D (-846) (-)

Ion 68.00 (67.70 to 68.70): BN007706.D (-846) (-)

10.47

Time-->

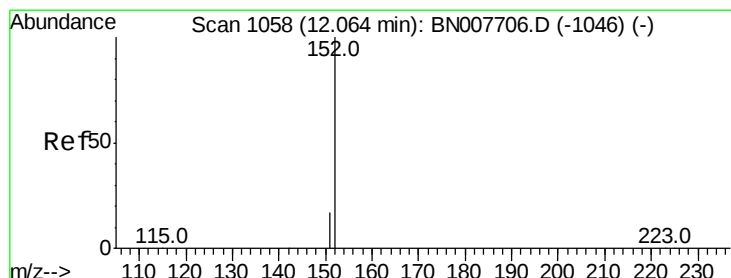
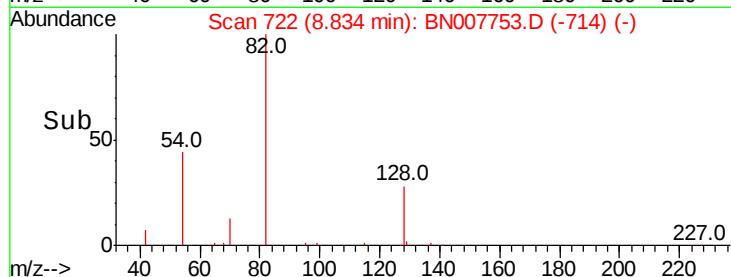
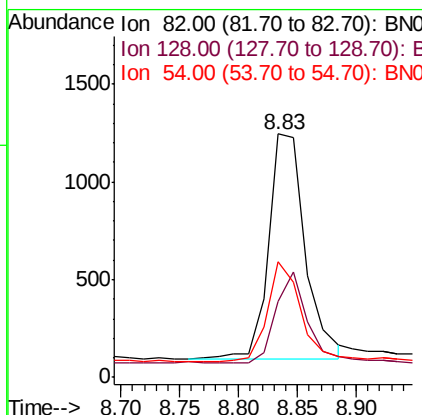
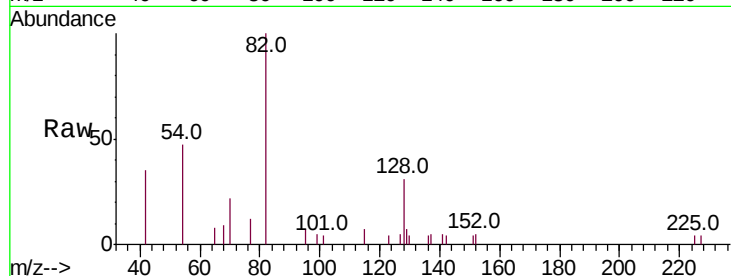




#8
 Nitrobenzene-d5
 Concen: 0.111 ng
 RT: 8.83 min Scan# 722
 Delta R.T. 0.00 min
 Lab File: BN007753.D
 Acq: 19 Sep 2019 22:22

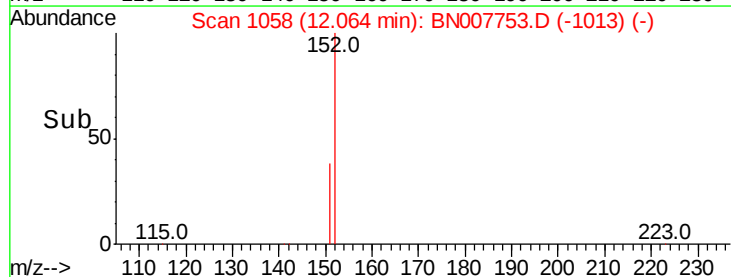
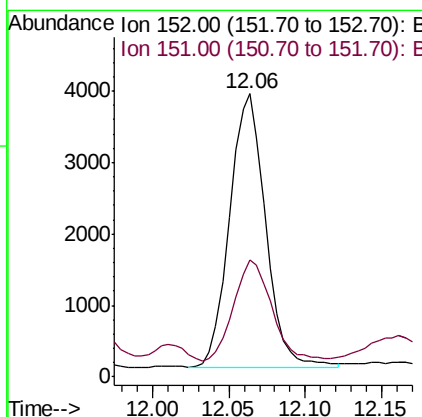
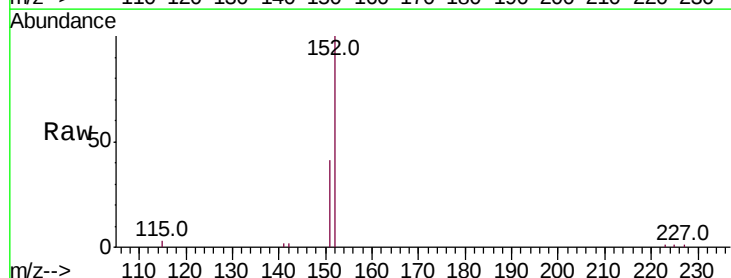
Instrument :
 BNA_N
 ClientSampleId :

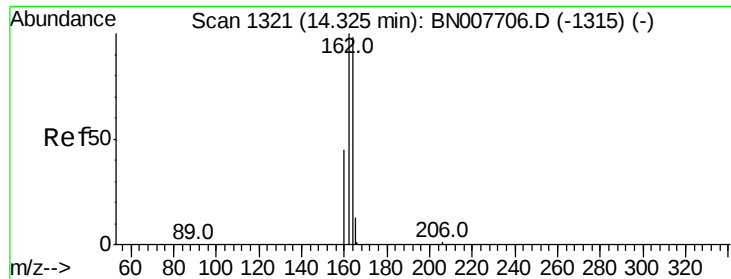
Tot Ion	82	Resp	2508
Ion Ratio	Lower	Upper	
82	100		
128	31.2	24.5	36.7
54	47.3	35.2	52.8



#11
 2-Methylnaphthalene-d10
 Concen: 0.144 ng
 RT: 12.06 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BN007753.D
 Acq: 19 Sep 2019 22:22

Tgt Ion	152	Resp	6230
Ion Ratio	Lower	Upper	
152	100		
151	38.7	15.4	23.2#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.32 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BN007753.D

Acq: 19 Sep 2019 22:22

Instrument :

BNA_N

ClientSampled :

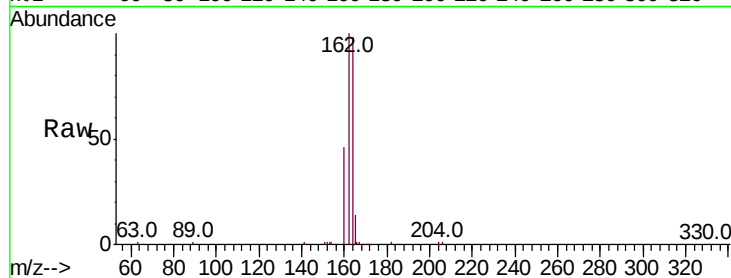
Tot Ion:164 Resp: 16145

Ion Ratio Lower Upper

164 100

162 101.6 81.7 122.5

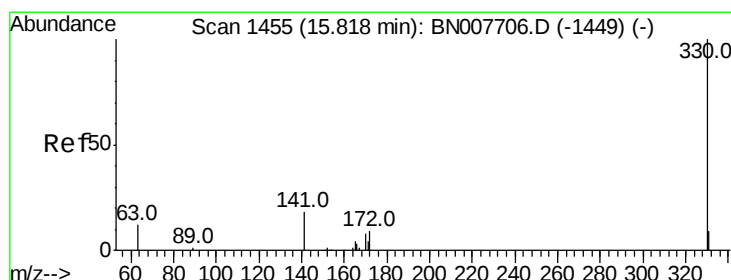
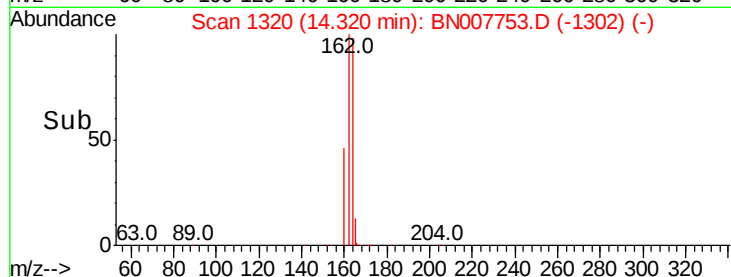
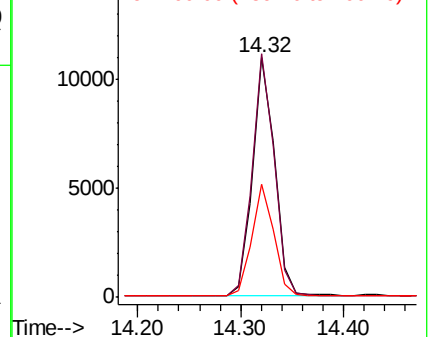
160 47.1 37.0 55.4



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: 0.109 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.00 min

Lab File: BN007753.D

Acq: 19 Sep 2019 22:22

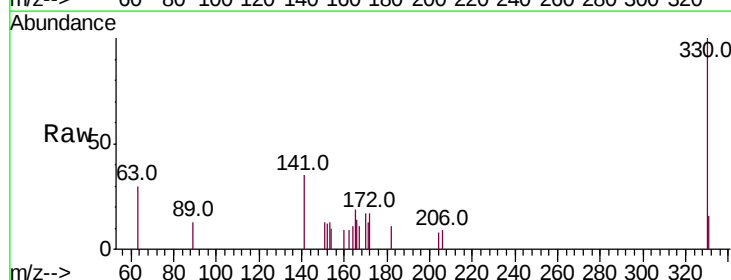
Tgt Ion:330 Resp: 960

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

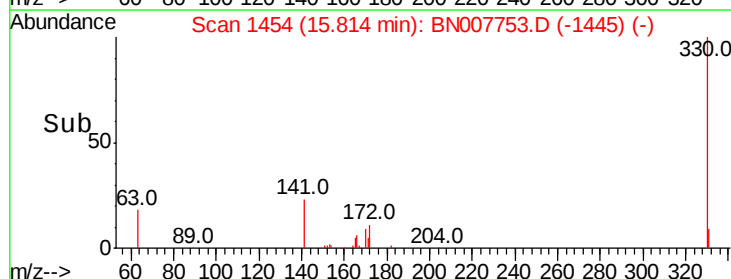
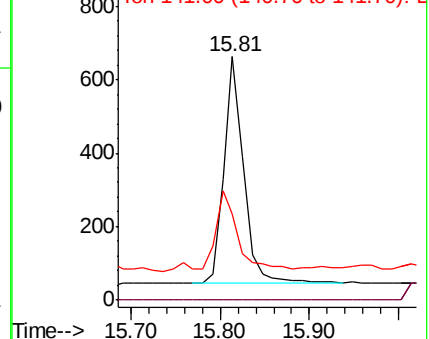
141 43.4 28.7 43.1#

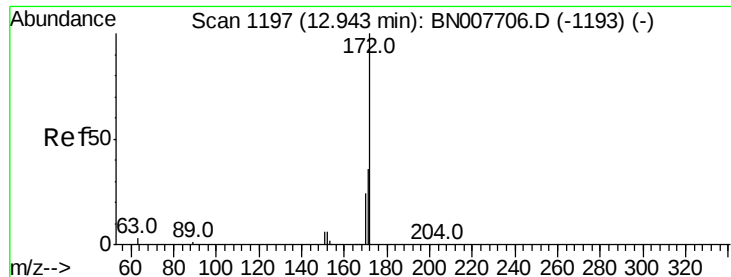


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

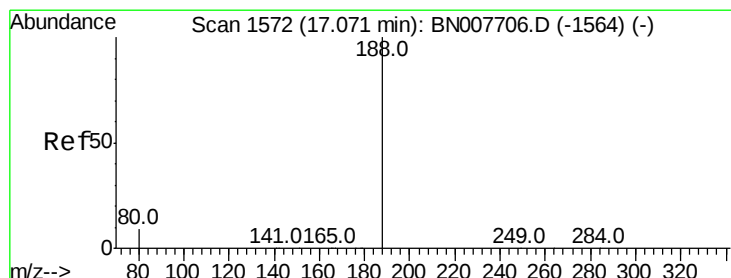
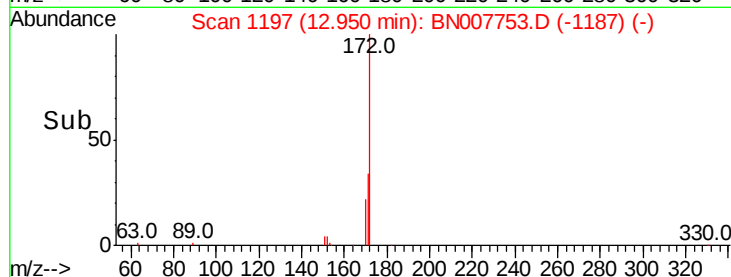
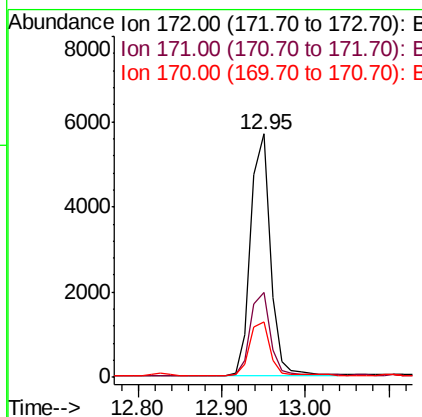
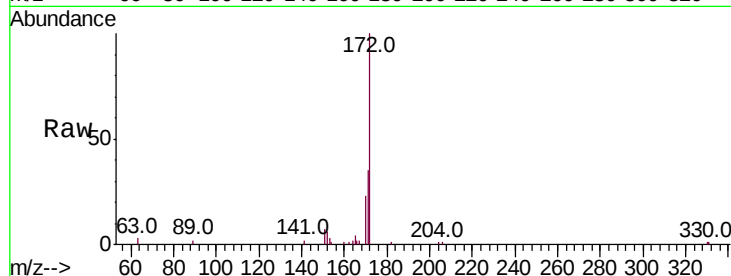




#15
2-Fluorobiphenyl
Concen: 0.139 ng
RT: 12.95 min Scan# 1197
Delta R.T. 0.01 min
Lab File: BN007753.D
Acq: 19 Sep 2019 22:22

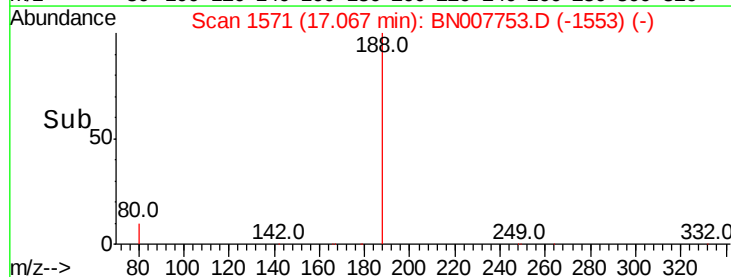
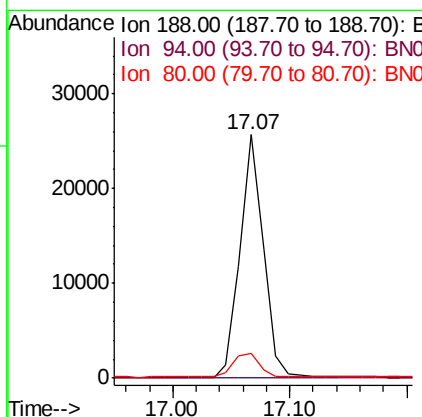
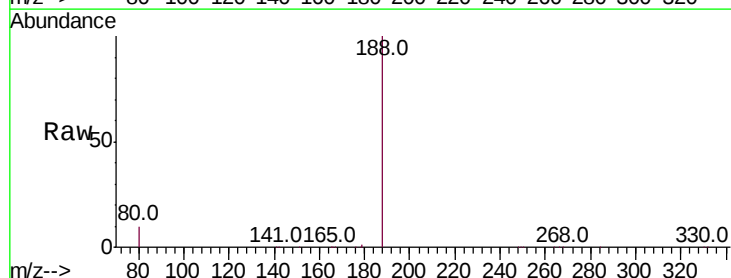
Instrument :
BNA_N
ClientSampleId :

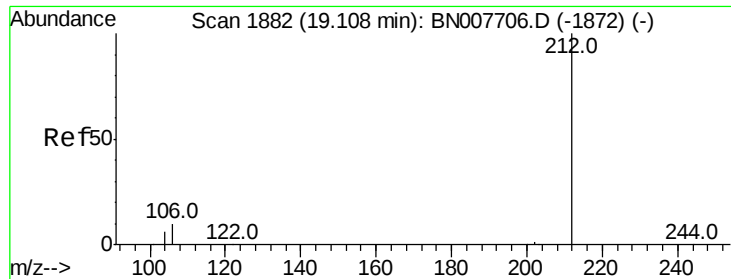
Tot Ion:172 Resp: 9249
Ion Ratio Lower Upper
172 100
171 34.9 28.8 43.2
170 22.6 19.5 29.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BN007753.D
Acq: 19 Sep 2019 22:22

Tgt Ion:188 Resp: 35389
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.4 7.4 11.2





#25

Fluoranthene-d10

Concen: 0.158 ng

RT: 19.10 min Scan# 1880

Delta R.T. -0.00 min

Lab File: BN007753.D

Acq: 19 Sep 2019 22:22

Instrument :

BNA_N

ClientSampleId :

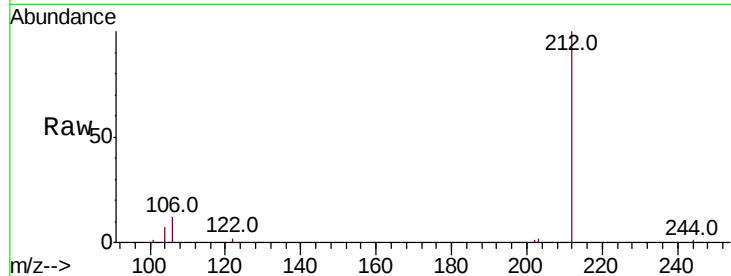
Tot Ion:212 Resp: 18809

Ion Ratio Lower Upper

212 100

106 12.1 9.4 14.0

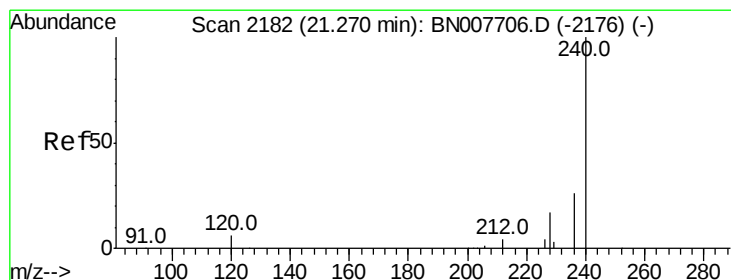
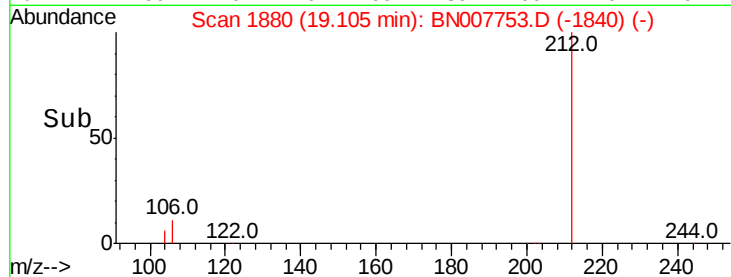
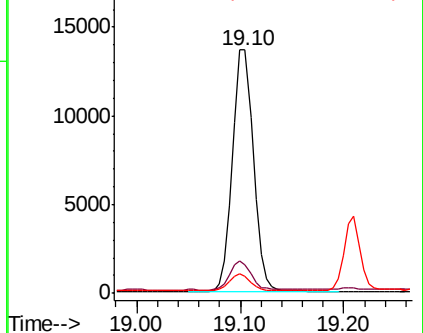
104 7.0 5.3 7.9



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: 21.26 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BN007753.D

Acq: 19 Sep 2019 22:22

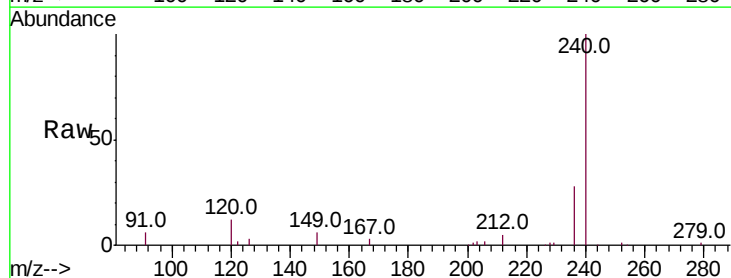
Tgt Ion:240 Resp: 44196

Ion Ratio Lower Upper

240 100

120 11.9 5.4 8.2#

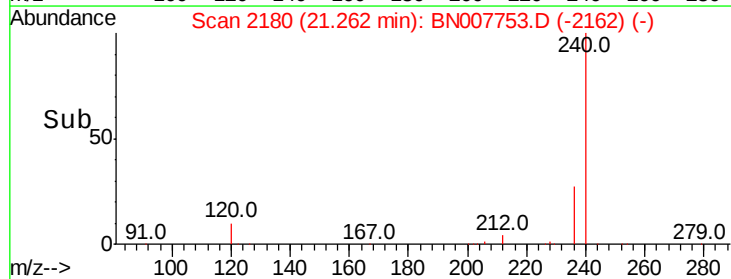
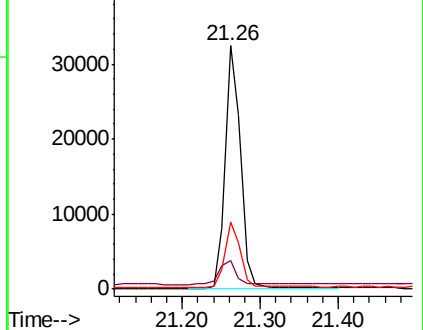
236 27.6 21.0 31.4

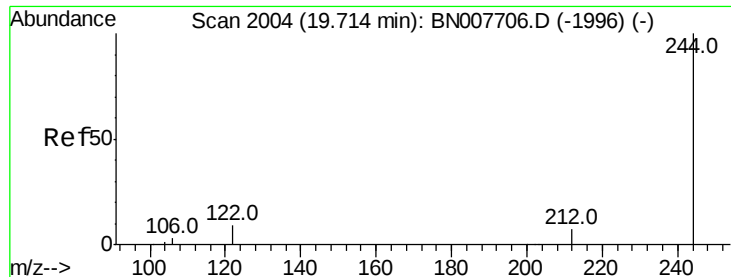


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.169 ng

RT: 19.71 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BN007753.D

Acq: 19 Sep 2019 22:22

Instrument :

BNA_N

ClientSampleId :

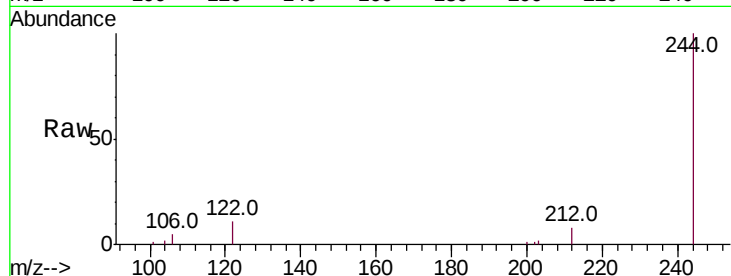
Tot Ion:244 Resp: 18392

Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

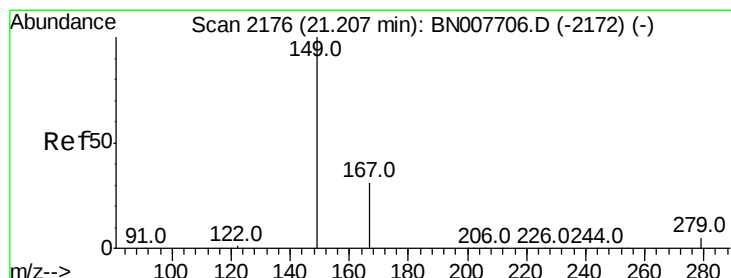
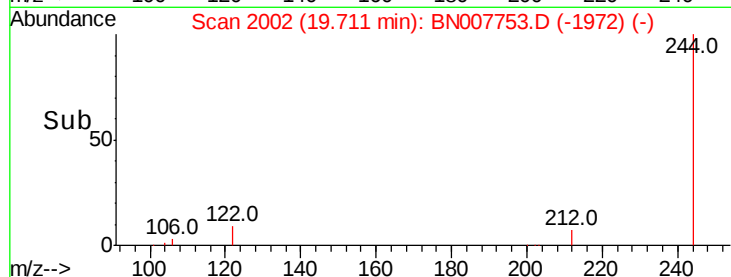
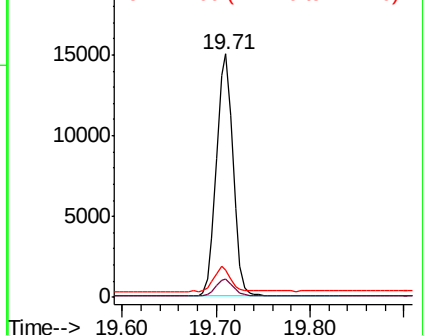
122 11.4 7.4 11.2#



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: 0.171 ng

RT: 21.20 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN007753.D

Acq: 19 Sep 2019 22:22

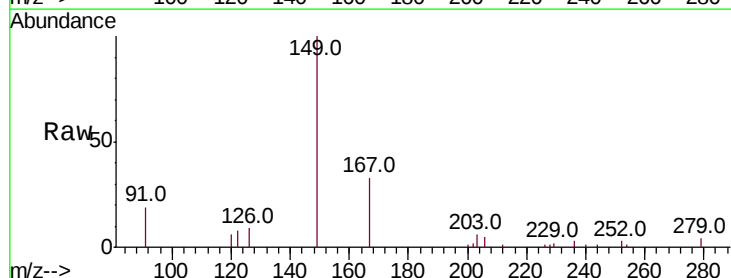
Tgt Ion:149 Resp: 14354

Ion Ratio Lower Upper

149 100

167 32.1 23.7 35.5

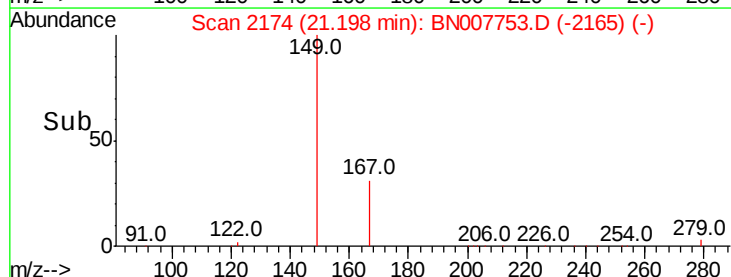
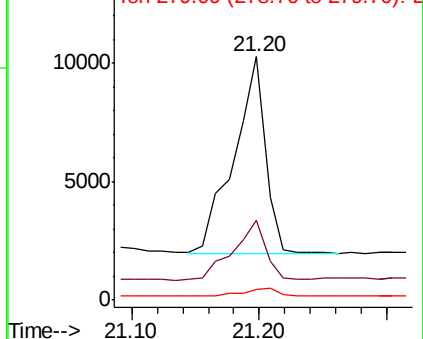
279 4.1 4.2 6.2#

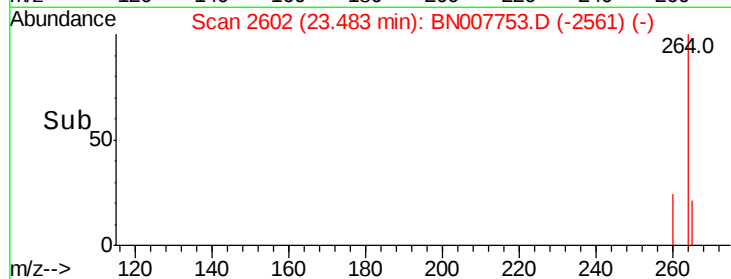
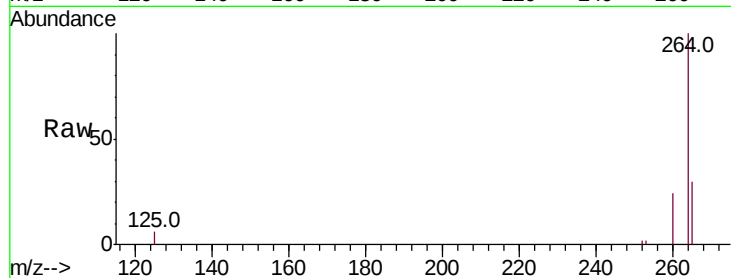
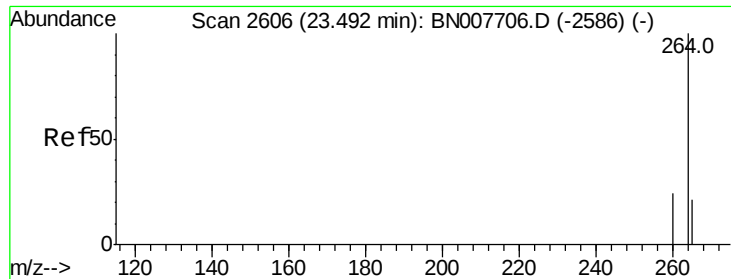


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.48 min Scan# 2602

Delta R.T. -0.01 min

Lab File: BN007753.D

Acq: 19 Sep 2019 22:22

Instrument :

BNA_N

ClientSampleId :

Tot Ion:264 Resp: 46233

Ion Ratio Lower Upper

264 100

260 24.1 19.3 28.9

265 29.8 26.9 40.3

