

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092019\
 Data File : BN007766.D
 Acq On : 20 Sep 2019 16:20
 Operator : HP/JU
 Sample : K4975-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20190917

Quant Time: Sep 20 22:48:14 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

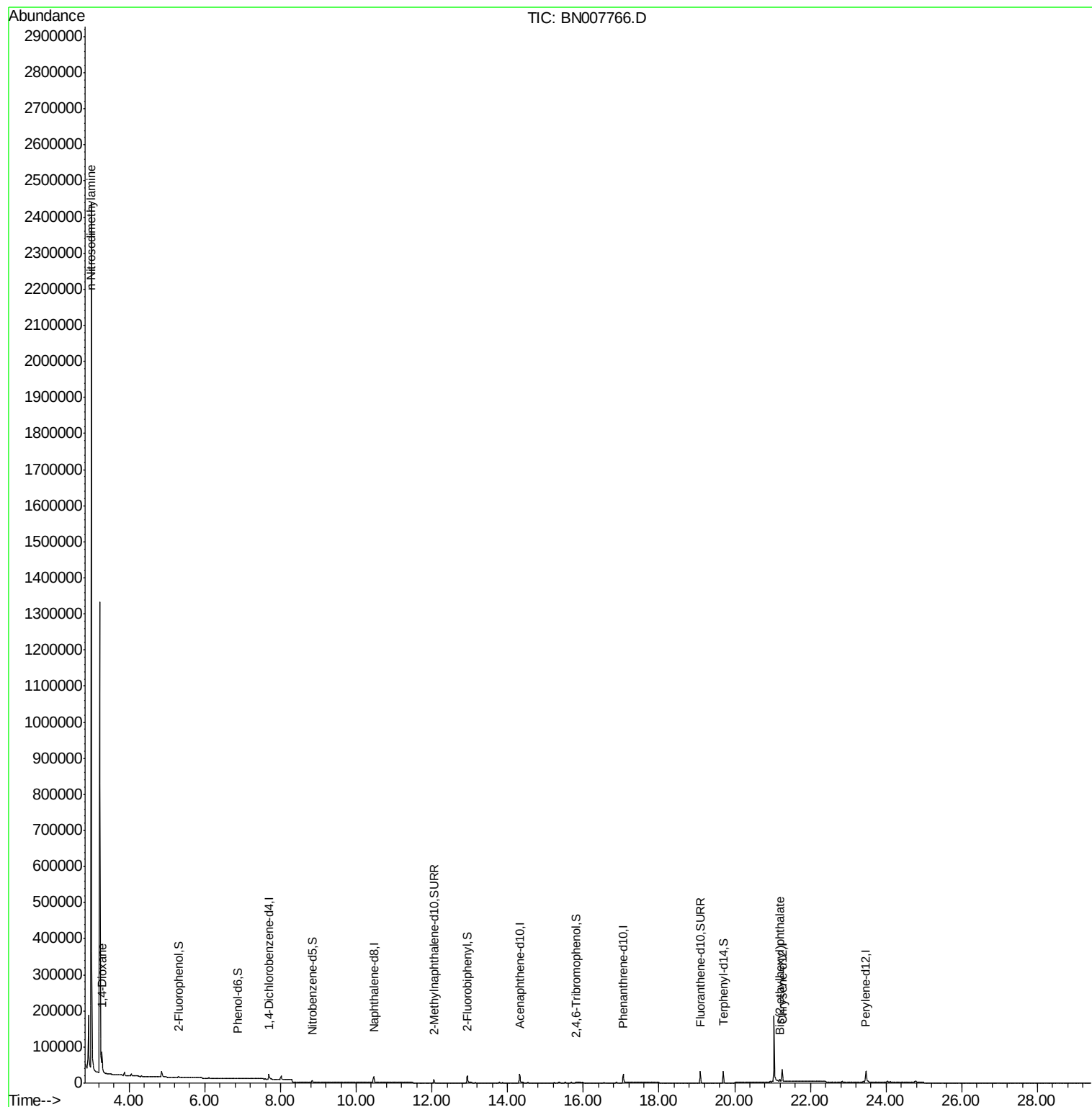
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	6294	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	24303	0.40	ng	0.00
13) Acenaphthene-d10	14.31	164	14663	0.40	ng	-0.01
19) Phenanthrene-d10	17.06	188	33118	0.40	ng	-0.01
27) Chrysene-d12	21.26	240	37121	0.40	ng	-0.01
34) Perylene-d12	23.47	264	39800	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	2224	0.10	ng	0.00
5) Phenol-d6	6.87	99	1609	0.05	ng	0.00
8) Nitrobenzene-d5	8.83	82	5911	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	13720	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	1595	0.20	ng	-0.01
15) 2-Fluorobiphenyl	12.94	172	19961	0.33	ng	0.00
25) Fluoranthene-d10	19.09	212	37920	0.34	ng	-0.01
29) Terphenyl-d14	19.70	244	33540	0.37	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.28	88	35950	5.125	ng	# 94
3) n-Nitrosodimethylamine	3.00	42	180693	56.236	ng	# 67
32) Bis(2-ethylhexyl)phthalate	21.19	149	8432	0.120	ng	# 84

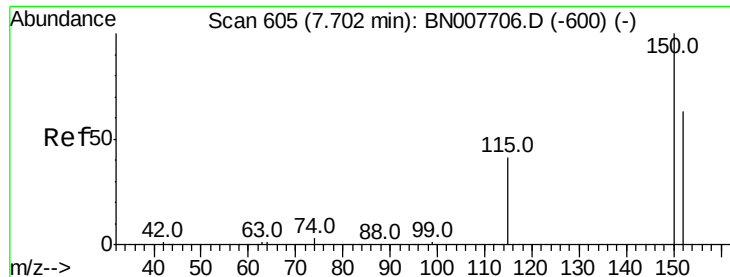
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.69 min Scan# 604

Delta R.T. -0.01 min

Lab File: BN007766.D

Acq: 20 Sep 2019 16:20

Instrument :

BNA_N

ClientSampleId :

RE120D2-20190917

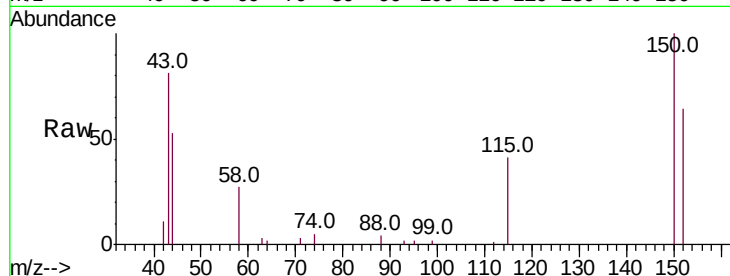
Tot Ion:152 Resp: 6294

Ion Ratio Lower Upper

152 100

150 156.7 125.6 188.4

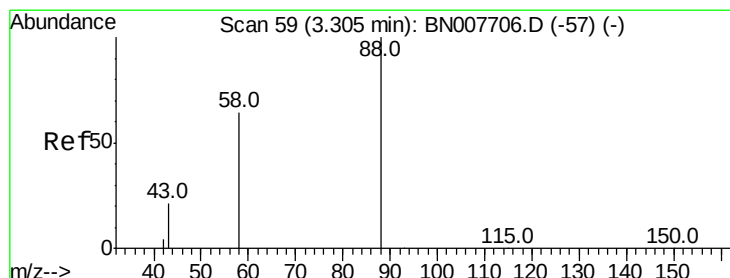
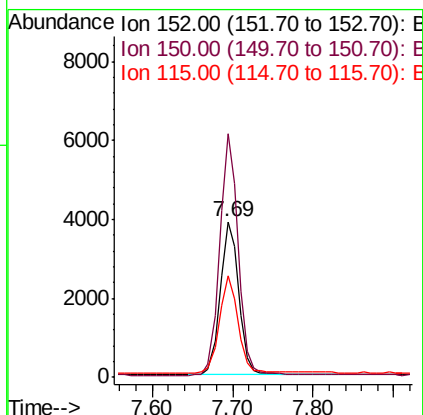
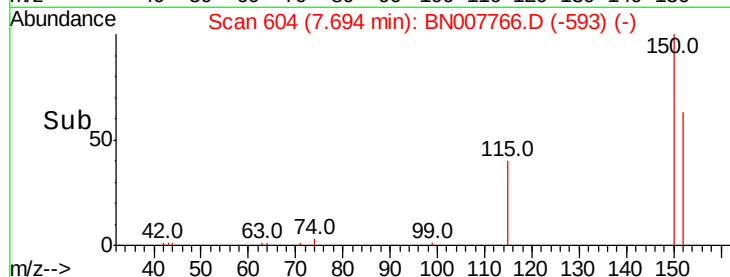
115 65.0 53.3 79.9



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: 5.125 ng

RT: 3.28 min Scan# 56

Delta R.T. -0.02 min

Lab File: BN007766.D

Acq: 20 Sep 2019 16:20

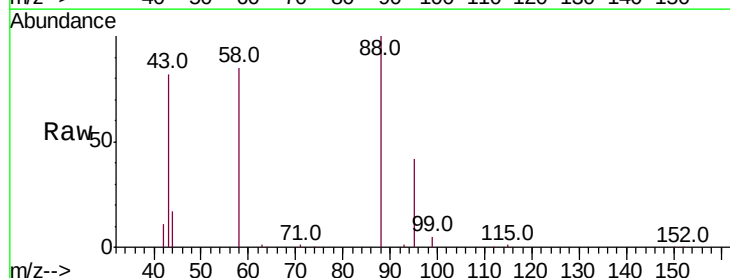
Tgt Ion: 88 Resp: 35950

Ion Ratio Lower Upper

88 100

58 59.3 44.6 66.8

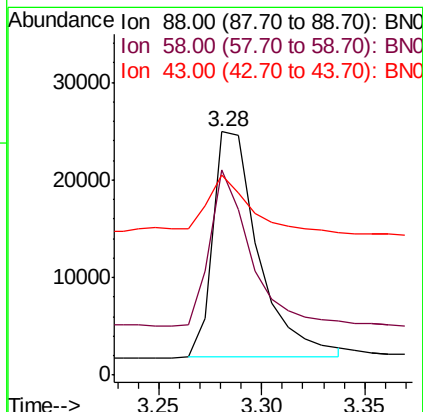
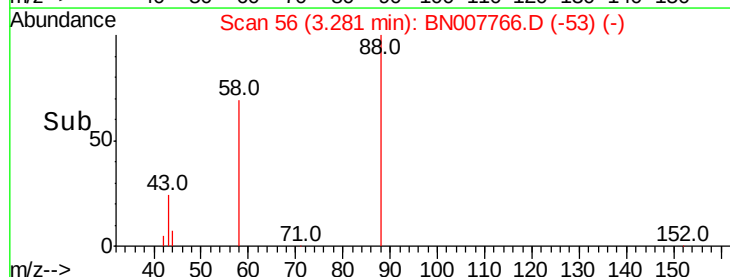
43 22.4 14.4 21.6#

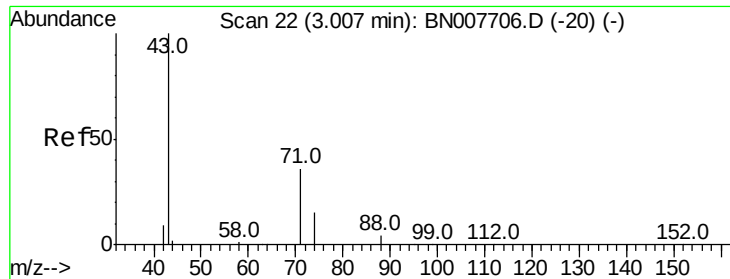


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC

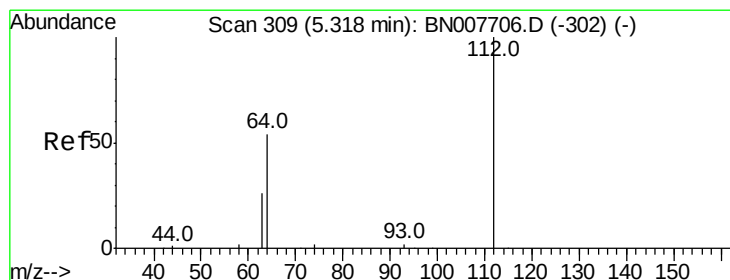
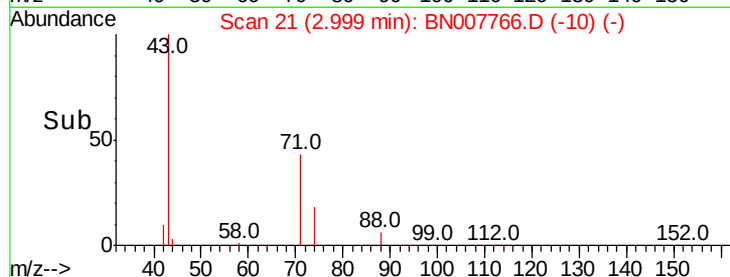
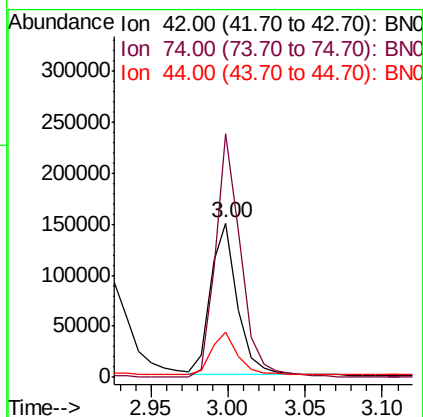
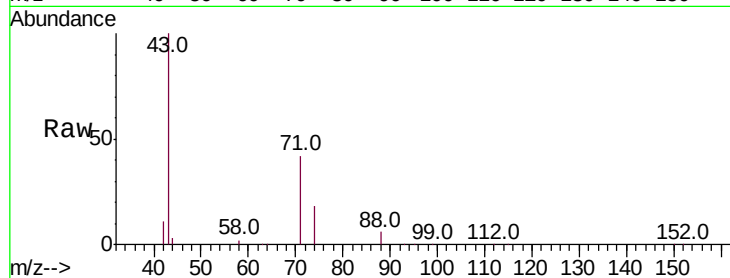




#3
n-Nitrosodimethylamine
Concen: 56.236 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007766.D
Acq: 20 Sep 2019 16:20

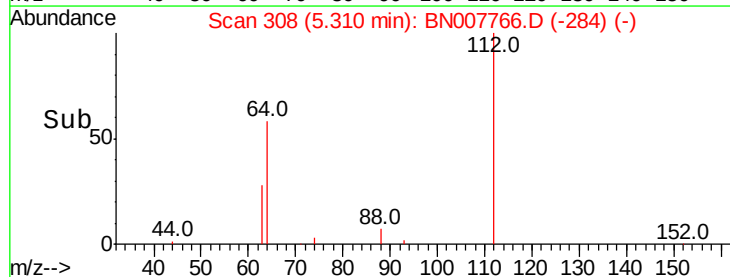
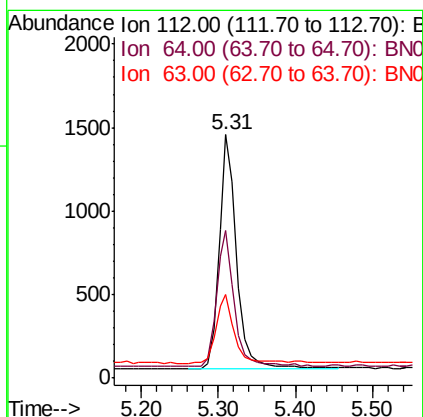
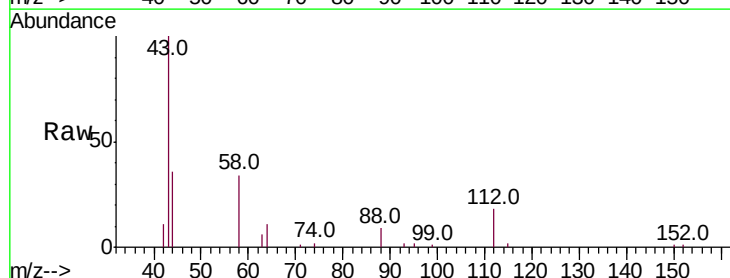
Instrument :
BNA_N
ClientSampleId :
RE120D2-20190917

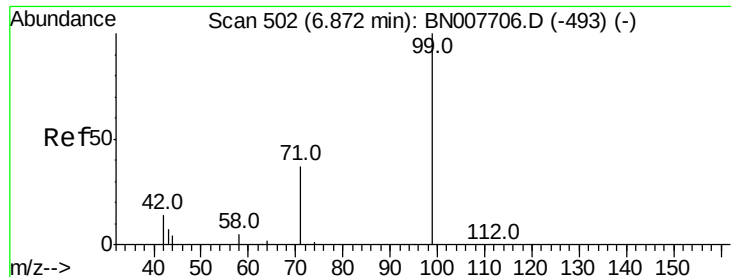
Tot Ion: 42 Resp: 180693
Ion Ratio Lower Upper
42 100
74 150.9 87.9 131.9#
44 26.8 29.4 44.0#



#4
2-Fluorophenol
Concen: 0.103 ng
RT: 5.31 min Scan# 308
Delta R.T. -0.01 min
Lab File: BN007766.D
Acq: 20 Sep 2019 16:20

Tgt Ion: 112 Resp: 2224
Ion Ratio Lower Upper
112 100
64 59.4 46.6 70.0
63 29.3 23.1 34.7





#5

Phenol-d6

Concen: 0.054 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007766.D

Acq: 20 Sep 2019 16:20

Instrument :

BNA_N

ClientSampleId :

RE120D2-20190917

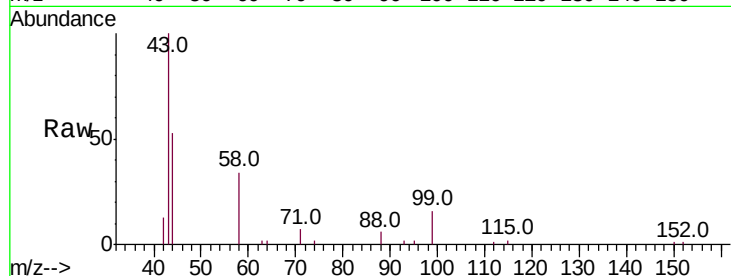
Tot Ion: 99 Resp: 1609

Ion Ratio Lower Upper

99 100

42 20.9 12.8 19.2#

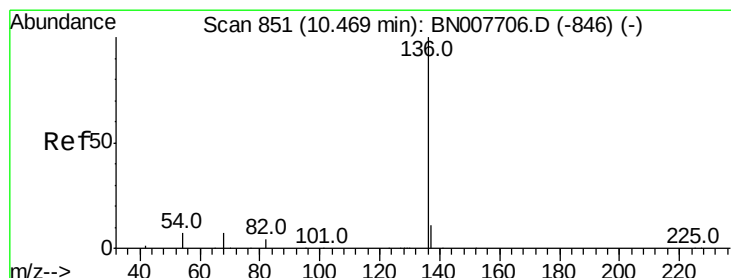
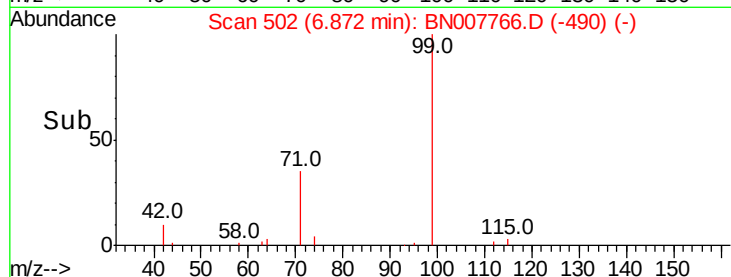
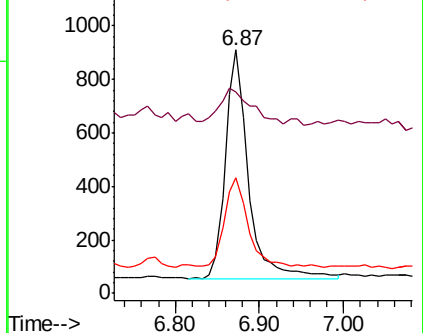
71 39.7 27.6 41.4



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) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 851

Delta R.T. 0.00 min

Lab File: BN007766.D

Acq: 20 Sep 2019 16:20

Tgt Ion: 136 Resp: 24303

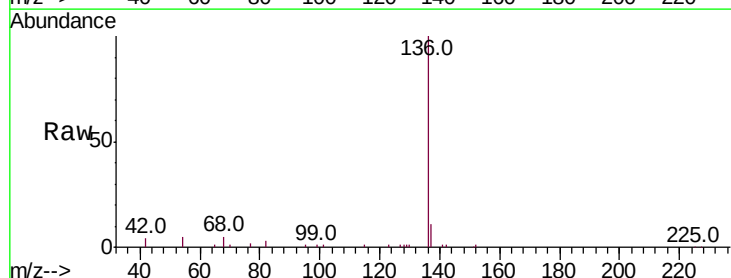
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 4.7 5.8 8.8#

68 5.3 6.5 9.7#

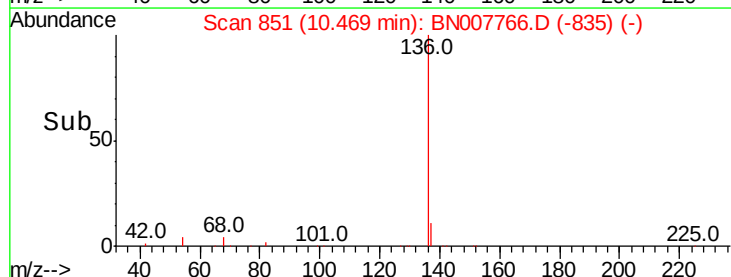
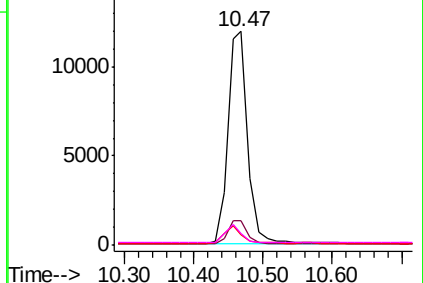


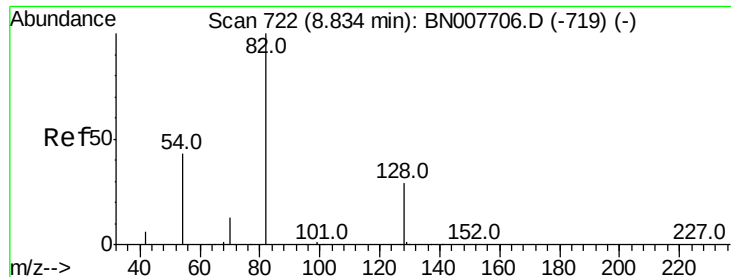
Abundance Ion 136.00 (135.70 to 136.70): BN007706.D (-846) (-)

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) (-)





#8

Nitrobenzene-d5

Concen: 0.278 ng

RT: 8.83 min Scan# 722

Delta R.T. -0.00 min

Lab File: BN007766.D

Acq: 20 Sep 2019 16:20

Instrument :

BNA_N

ClientSampleId :

RE120D2-20190917

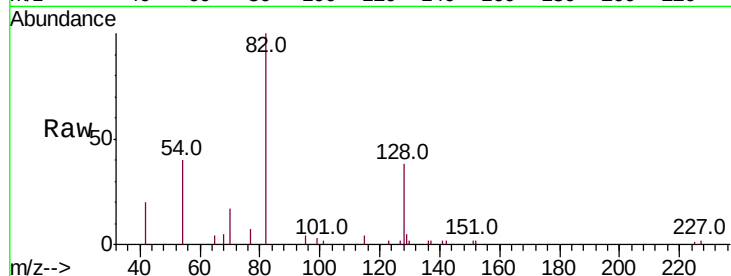
Tot Ion: 82 Resp: 5911

Ion Ratio Lower Upper

82 100

128 38.2 24.5 36.7#

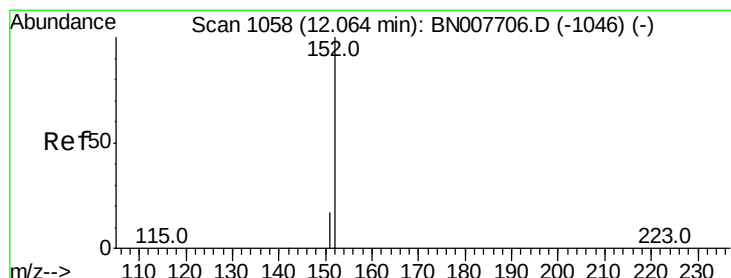
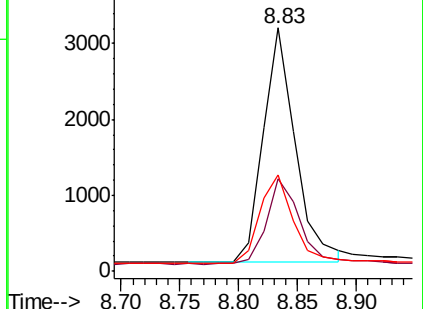
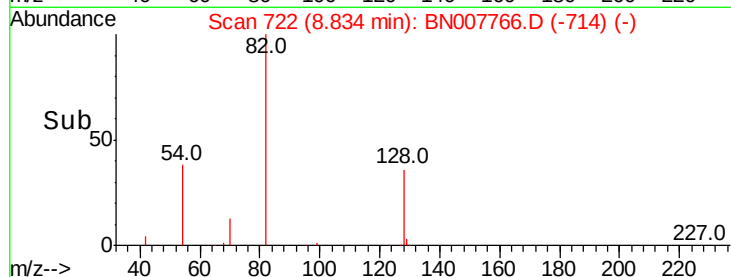
54 39.6 35.2 52.8



Abundance Ion 82.00 (81.70 to 82.70): BN007706.D (-719) (-)

Ion 128.00 (127.70 to 128.70): BN007706.D (-719) (-)

Ion 54.00 (53.70 to 54.70): BN007706.D (-719) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.335 ng

RT: 12.05 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BN007766.D

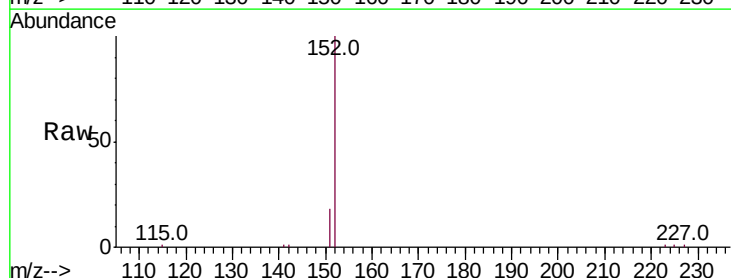
Acq: 20 Sep 2019 16:20

Tgt Ion: 152 Resp: 13720

Ion Ratio Lower Upper

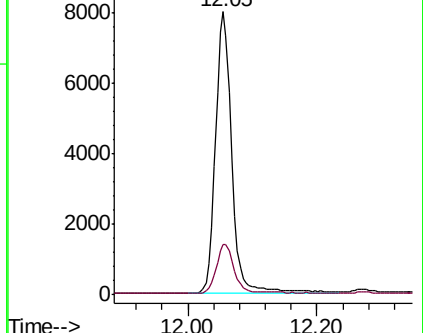
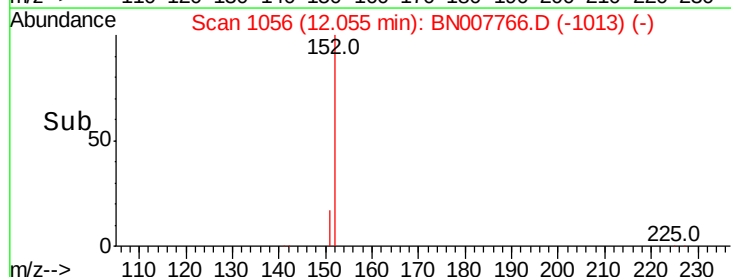
152 100

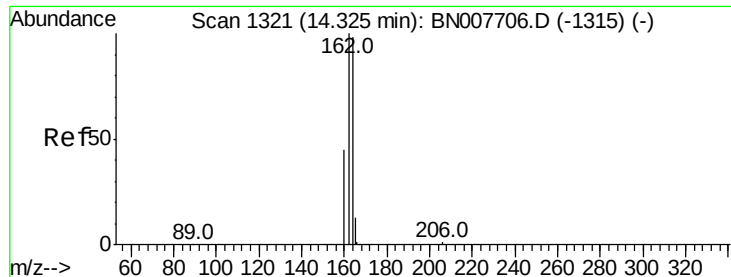
151 18.8 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): BN007766.D (-1013) (-)

Ion 151.00 (150.70 to 151.70): BN007766.D (-1013) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BN007766.D

Acq: 20 Sep 2019 16:20

Instrument :

BNA_N

ClientSampleId :

RE120D2-20190917

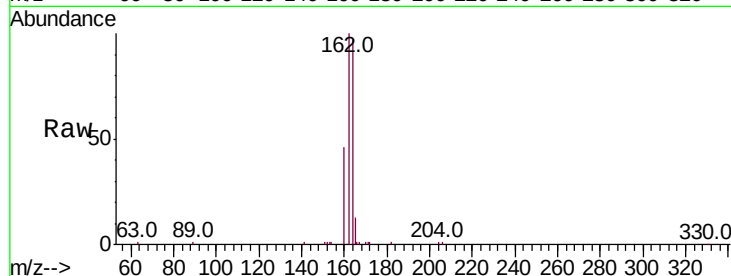
Tot Ion:164 Resp: 14663

Ion Ratio Lower Upper

164 100

162 103.2 81.7 122.5

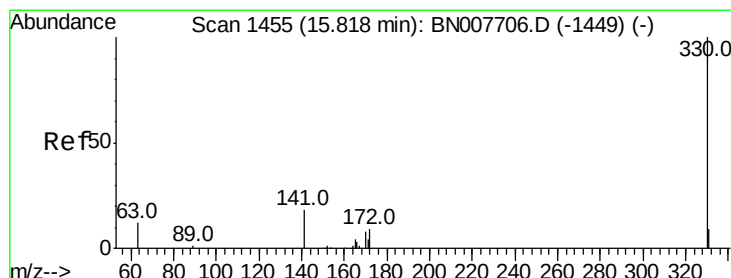
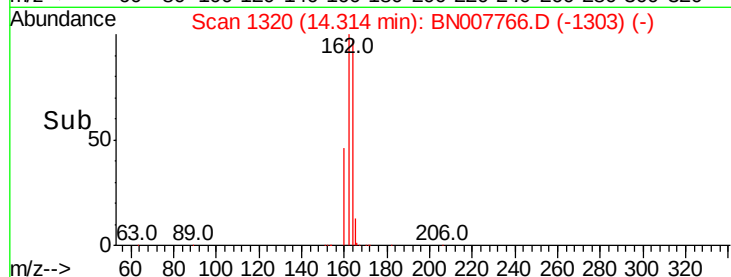
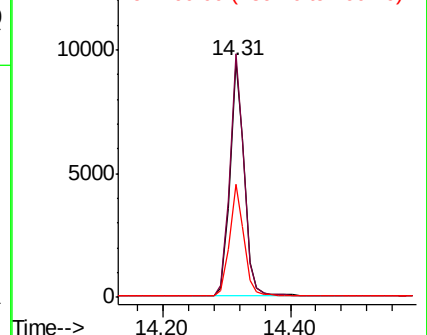
160 47.8 37.0 55.4



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: 0.200 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BN007766.D

Acq: 20 Sep 2019 16:20

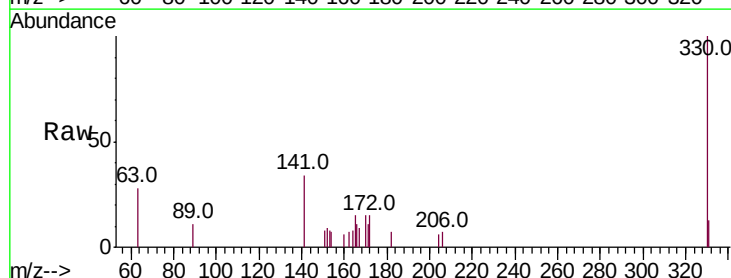
Tgt Ion:330 Resp: 1595

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

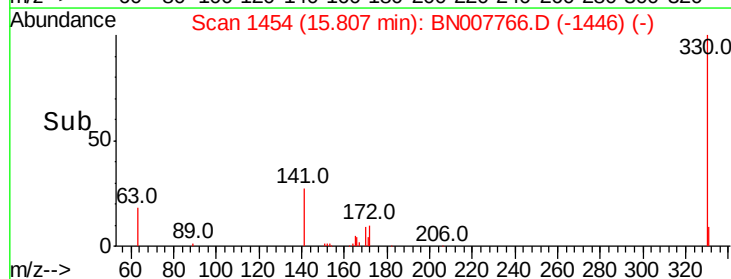
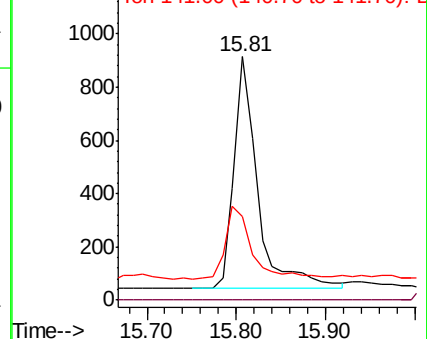
141 34.6 28.7 43.1

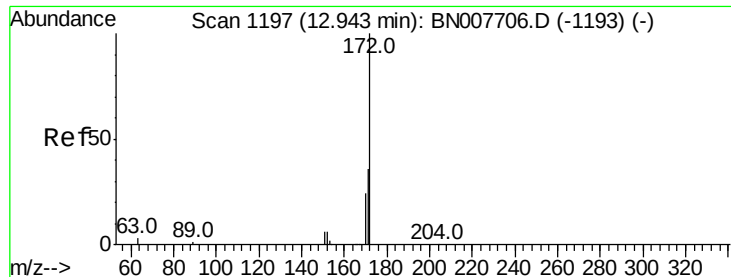


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

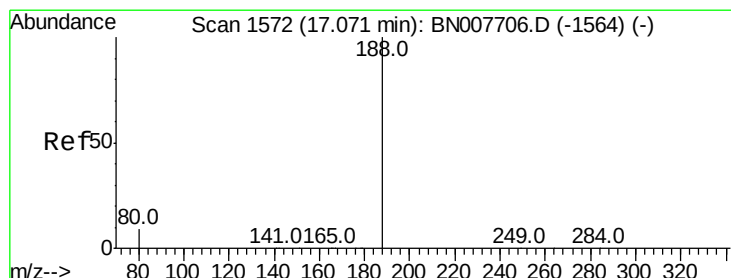
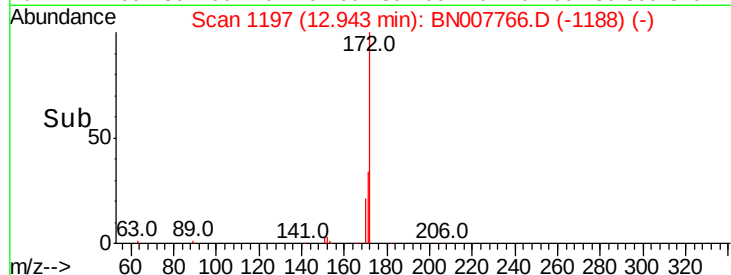
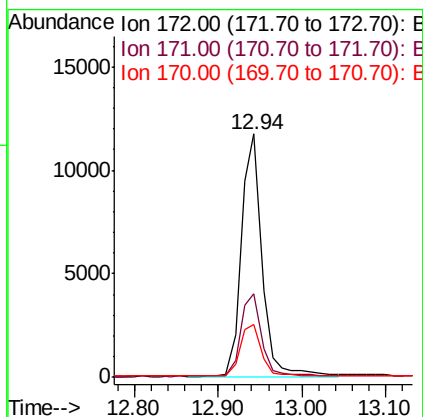
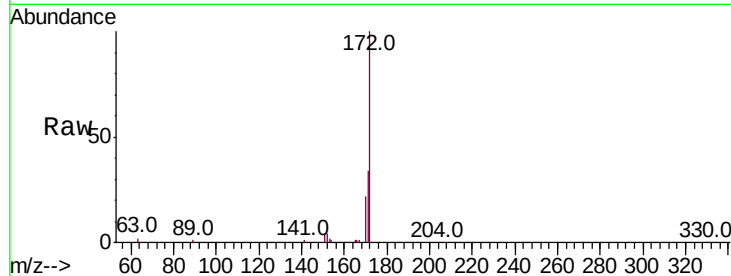




#15
2-Fluorobiphenyl
Concen: 0.331 ng
RT: 12.94 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BN007766.D
Acq: 20 Sep 2019 16:20

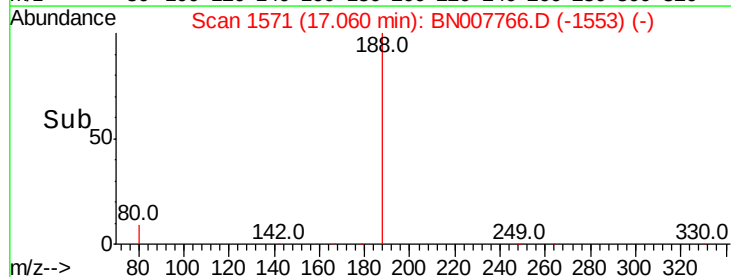
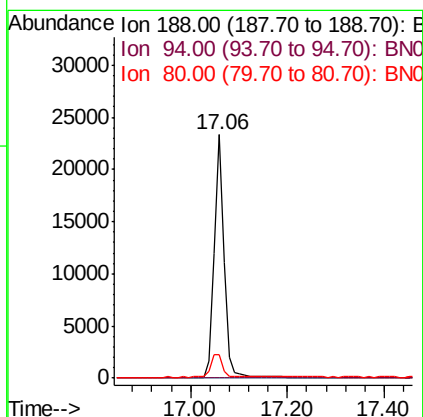
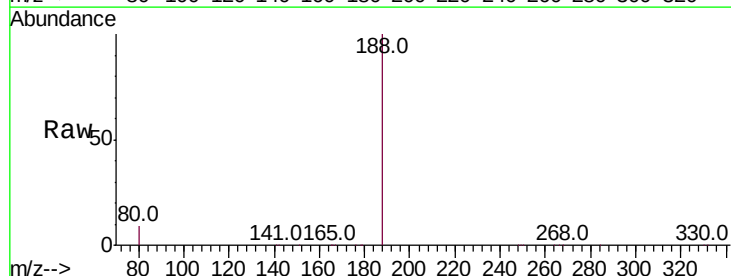
Instrument :
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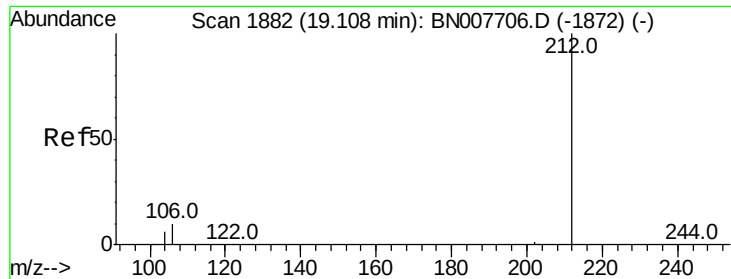
Tot Ion:172 Resp: 19961
Ion Ratio Lower Upper
172 100
171 34.4 28.8 43.2
170 21.5 19.5 29.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BN007766.D
Acq: 20 Sep 2019 16:20

Tgt Ion:188 Resp: 33118
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.4 7.4 11.2





#25

Fluoranthene-d10

Concen: 0.340 ng

RT: 19.09 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BN007766.D

Acq: 20 Sep 2019 16:20

Instrument :

BNA_N

ClientSampleId :

RE120D2-20190917

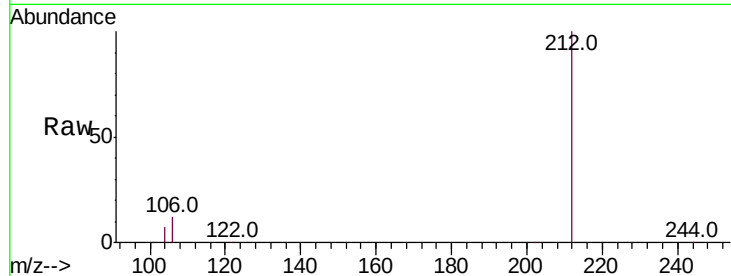
Tot Ion:212 Resp: 37920

Ion Ratio Lower Upper

212 100

106 11.8 9.4 14.0

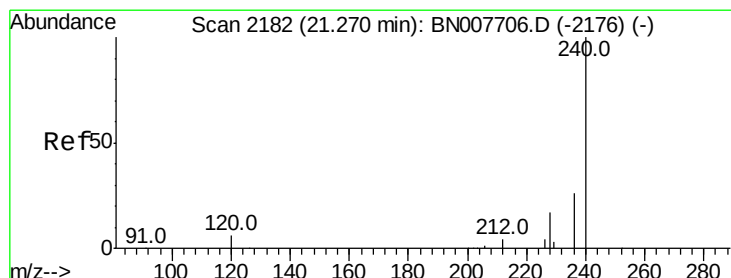
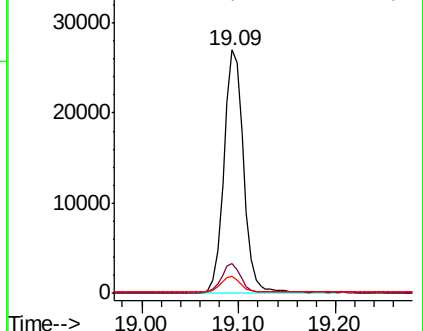
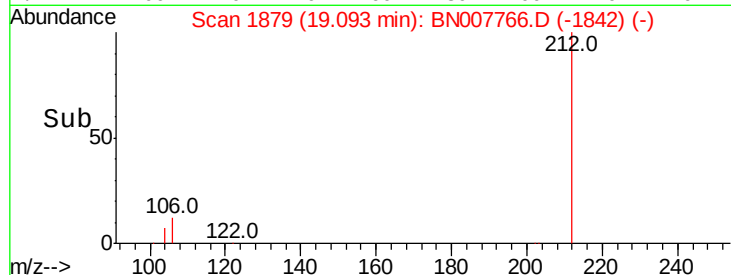
104 6.6 5.3 7.9



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# 2181

Delta R.T. -0.01 min

Lab File: BN007766.D

Acq: 20 Sep 2019 16:20

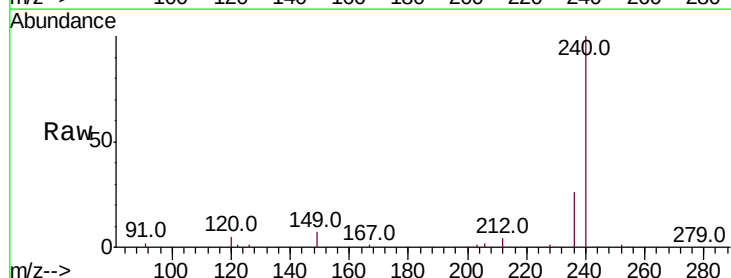
Tgt Ion:240 Resp: 37121

Ion Ratio Lower Upper

240 100

120 5.5 5.4 8.2

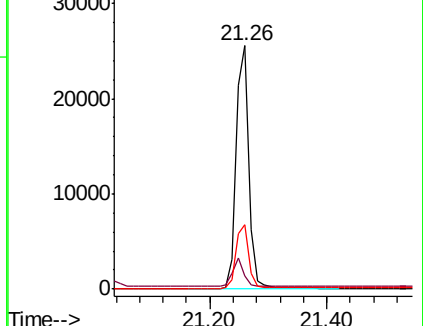
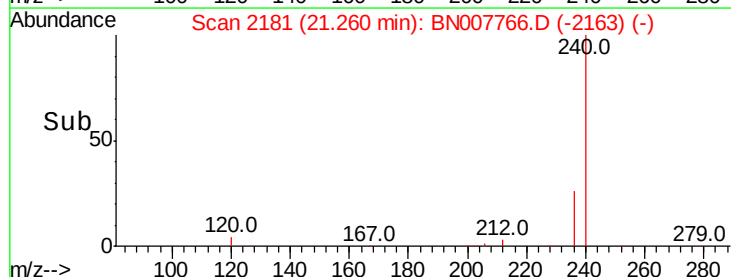
236 26.3 21.0 31.4

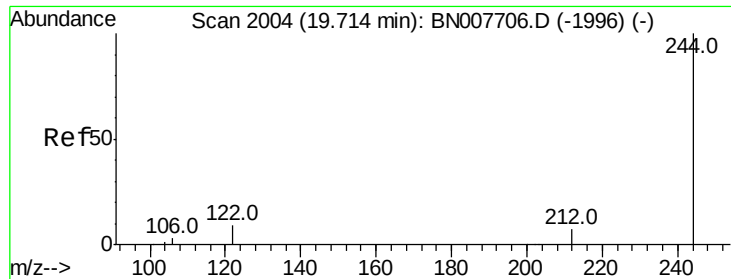


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.368 ng

RT: 19.70 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BN007766.D

Acq: 20 Sep 2019 16:20

Instrument :

BNA_N

ClientSampleId :

RE120D2-20190917

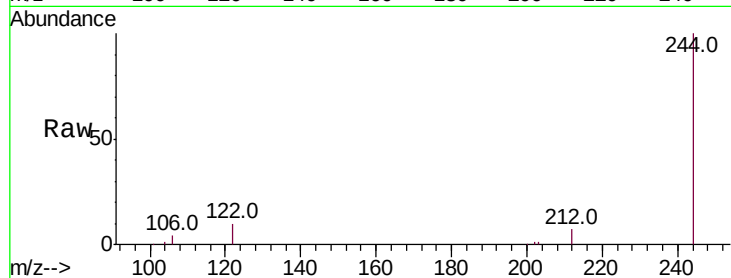
Tot Ion:244 Resp: 33540

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

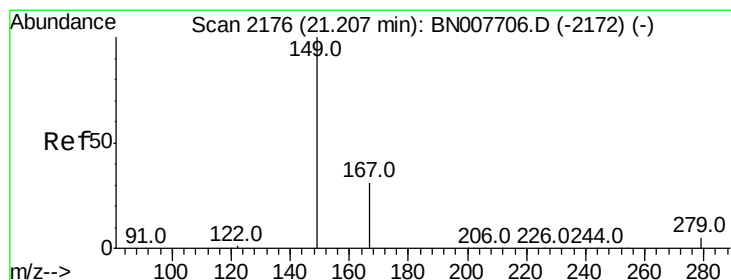
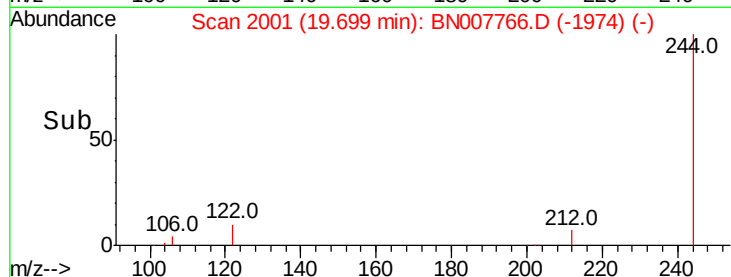
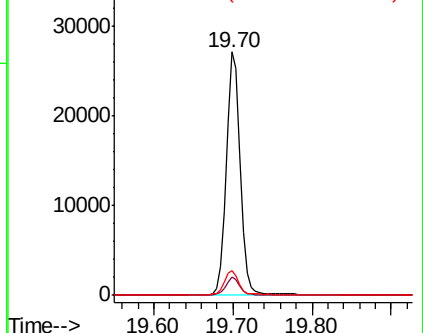
122 10.4 7.4 11.2



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: 0.120 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.02 min

Lab File: BN007766.D

Acq: 20 Sep 2019 16:20

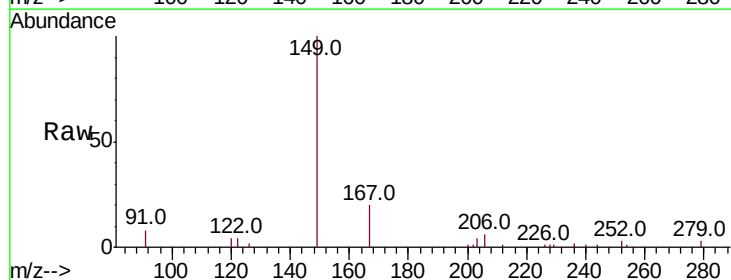
Tgt Ion:149 Resp: 8432

Ion Ratio Lower Upper

149 100

167 20.0 23.7 35.5#

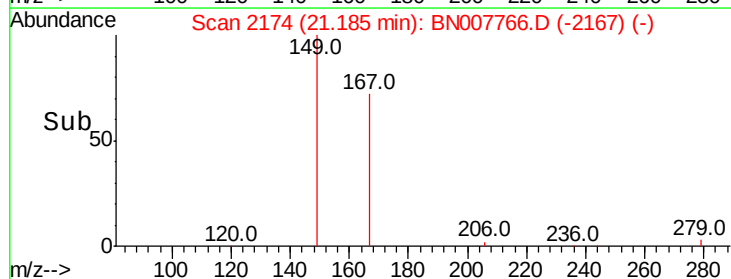
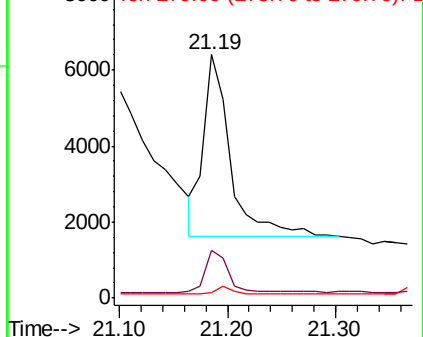
279 3.2 4.2 6.2#

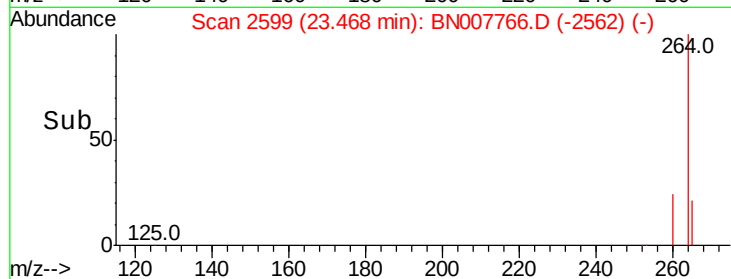
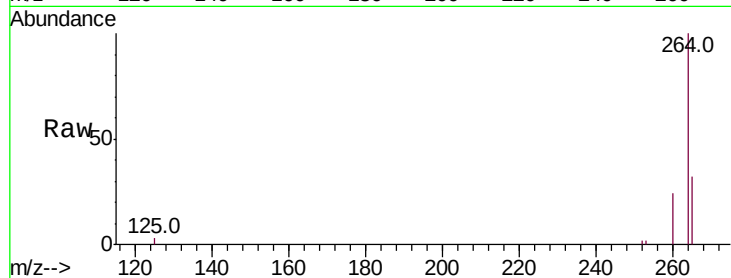
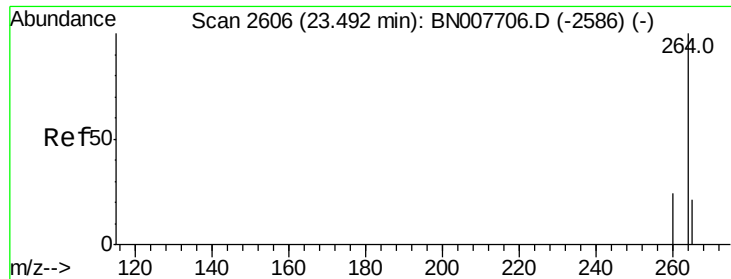


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.47 min Scan# 2599

Delta R.T. -0.02 min

Lab File: BN007766.D

Acq: 20 Sep 2019 16:20

Instrument :

BNA_N

ClientSampleId :

RE120D2-20190917

Tot Ion: 264 Resp: 39800

Ion Ratio Lower Upper

264 100

260 24.1 19.3 28.9

265 32.5 26.9 40.3

