

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092019\
 Data File : BN007765.D
 Acq On : 20 Sep 2019 15:45
 Operator : HP/JU
 Sample : K4975-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20190917

Quant Time: Sep 20 22:48:08 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

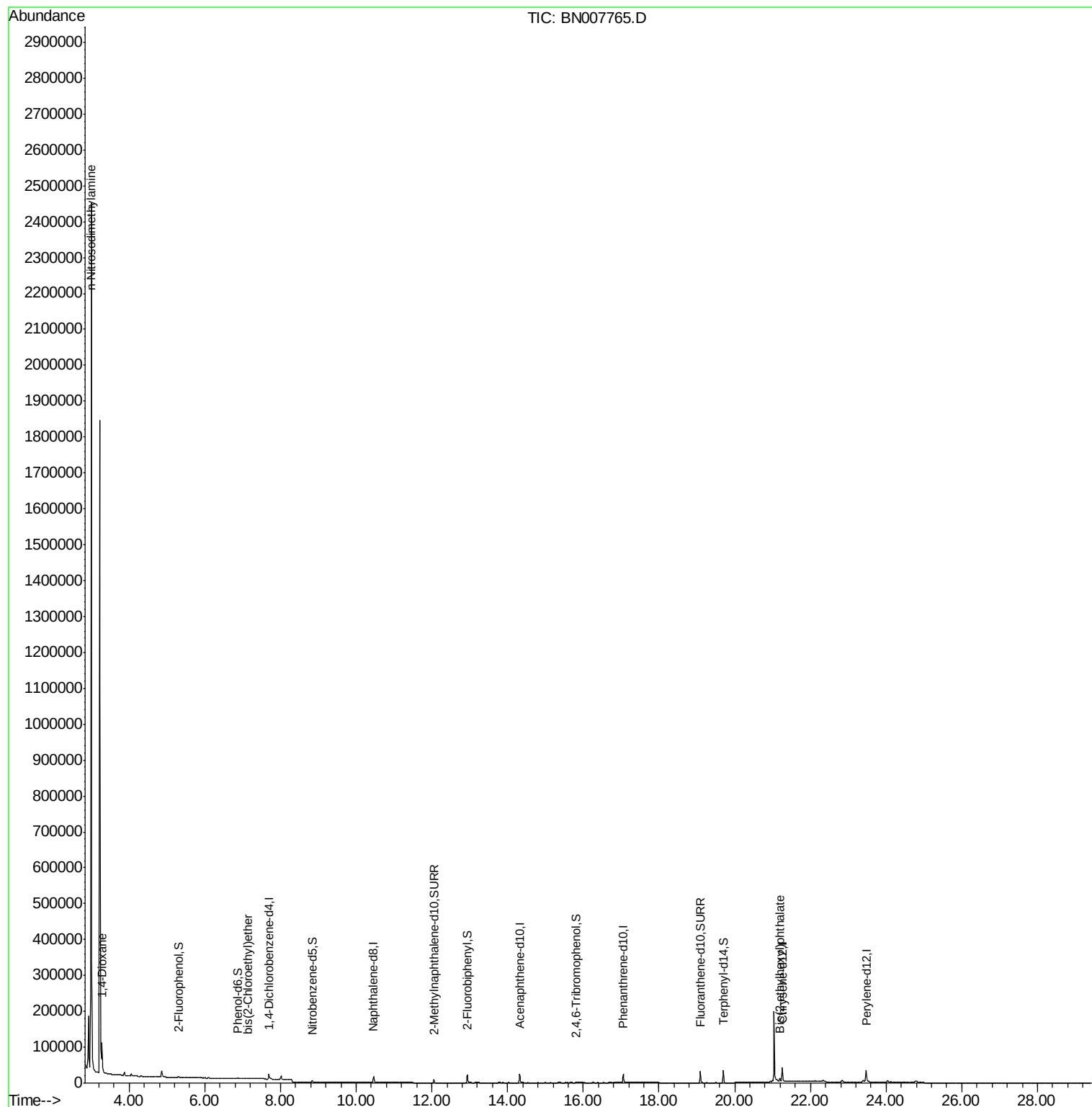
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	6363	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	24576	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	14691	0.40	ng	-0.01
19) Phenanthrene-d10	17.06	188	32534	0.40	ng	-0.01
27) Chrysene-d12	21.26	240	37218	0.40	ng	-0.01
34) Perylene-d12	23.47	264	41061	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	2113	0.10	ng	0.00
5) Phenol-d6	6.87	99	1554	0.05	ng	0.00
8) Nitrobenzene-d5	8.83	82	5955	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	14004	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	1682	0.21	ng	-0.01
15) 2-Fluorobiphenyl	12.94	172	23168	0.38	ng	0.00
25) Fluoranthene-d10	19.09	212	38318	0.35	ng	-0.01
29) Terphenyl-d14	19.70	244	36599	0.40	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	50020	7.053	ng	Qvalue 95
3) n-Nitrosodimethylamine	3.00	42	183053	56.352	ng	# 66
6) bis(2-Chloroethyl)ether	7.14	93	529	0.029	ng	# 85
32) Bis(2-ethylhexyl)phthalate	21.19	149	12466	0.177	ng	# 86

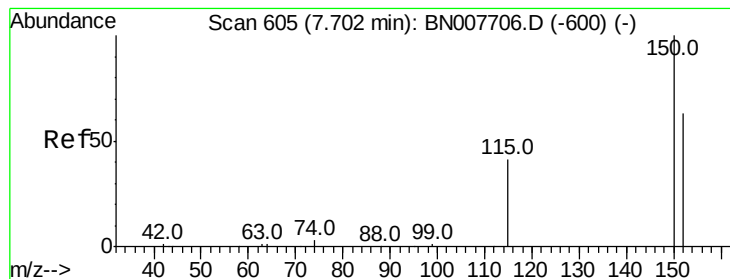
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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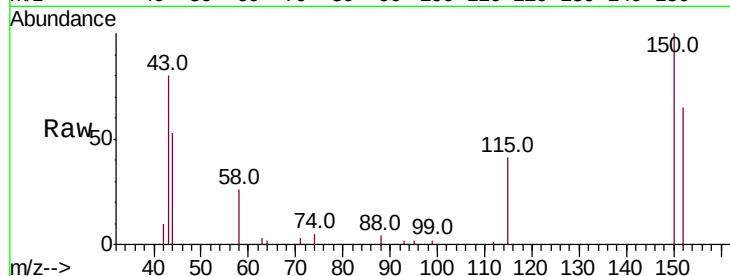


#1

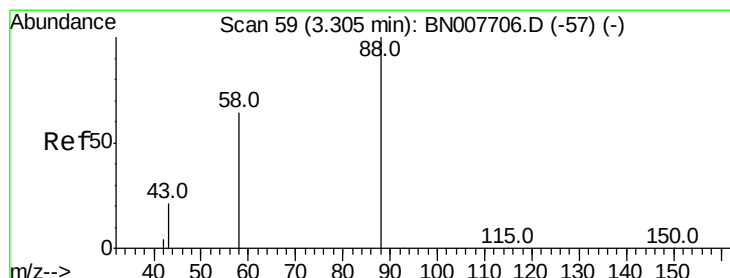
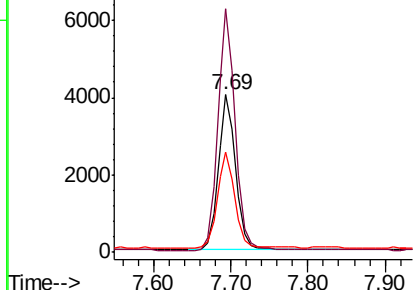
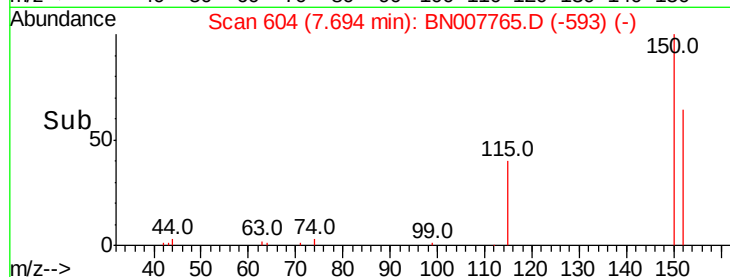
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.69 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BN007765.D
 Acq: 20 Sep 2019 15:45

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20190917

Tot Ion:152 Resp: 6363
 Ion Ratio Lower Upper
 152 100
 150 154.8 125.6 188.4
 115 63.9 53.3 79.9



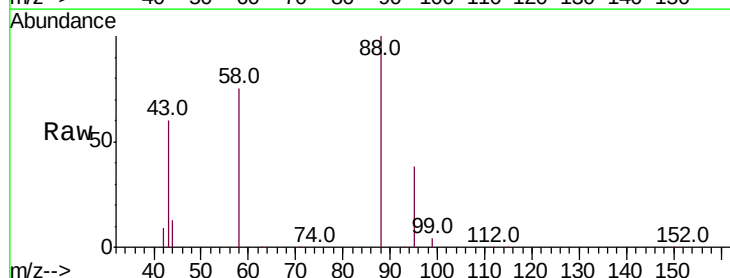
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



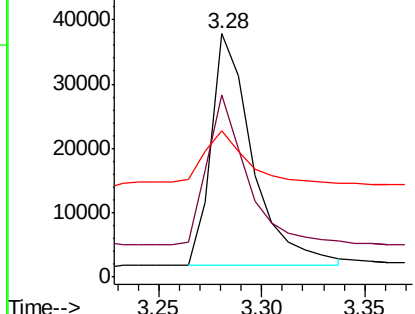
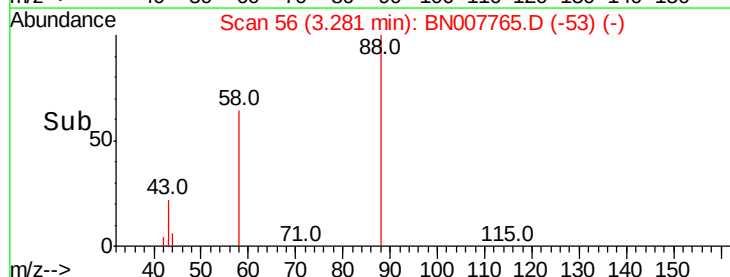
#2

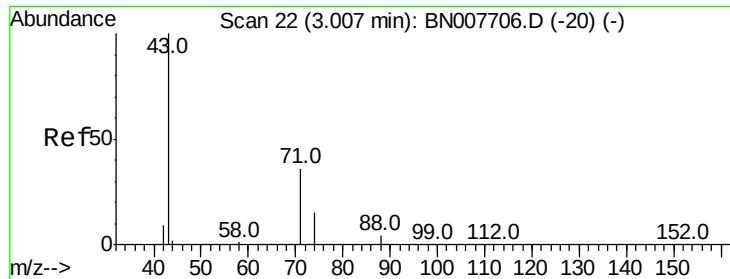
1,4-Dioxane
 Concen: 7.053 ng
 RT: 3.28 min Scan# 56
 Delta R.T. -0.02 min
 Lab File: BN007765.D
 Acq: 20 Sep 2019 15:45

Tgt Ion: 88 Resp: 50020
 Ion Ratio Lower Upper
 88 100
 58 58.4 44.6 66.8
 43 21.4 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: 56.352 ng

RT: 3.00 min Scan# 21

Delta R.T. -0.01 min

Lab File: BN007765.D

Acq: 20 Sep 2019 15:45

Instrument :

BNA_N

ClientSampleId :

RE120D1-20190917

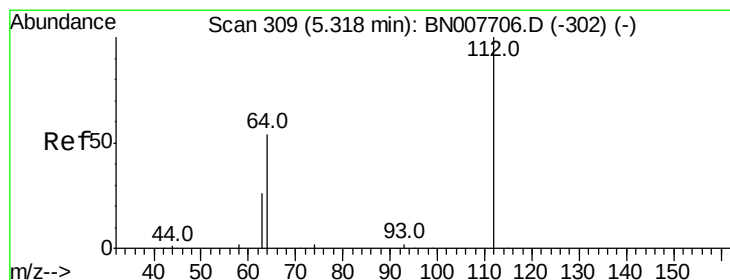
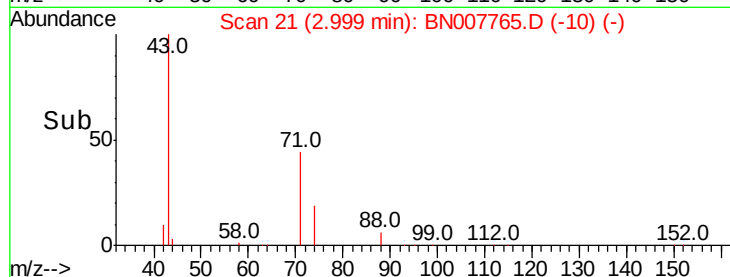
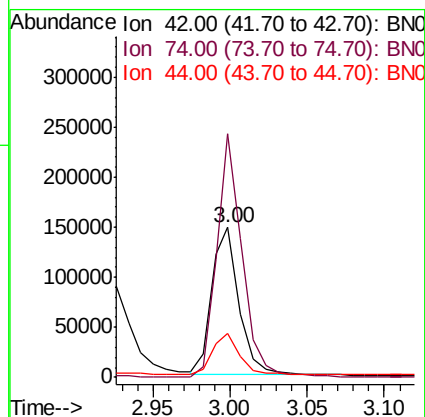
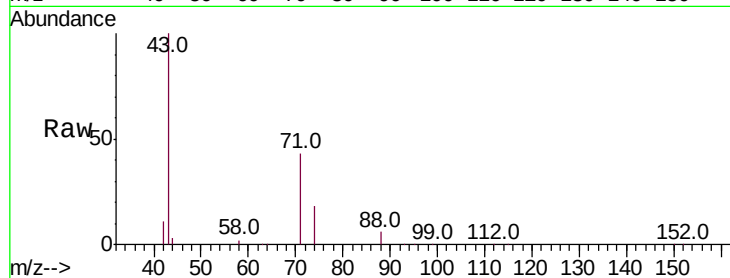
Tot Ion: 42 Resp: 183053

Ion Ratio Lower Upper

42 100

74 151.5 87.9 131.9#

44 26.9 29.4 44.0#



#4

2-Fluorophenol

Concen: 0.096 ng

RT: 5.31 min Scan# 308

Delta R.T. -0.01 min

Lab File: BN007765.D

Acq: 20 Sep 2019 15:45

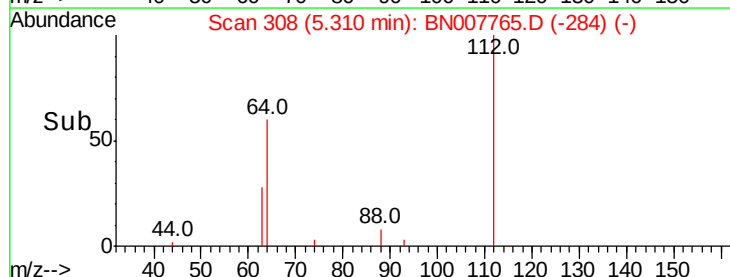
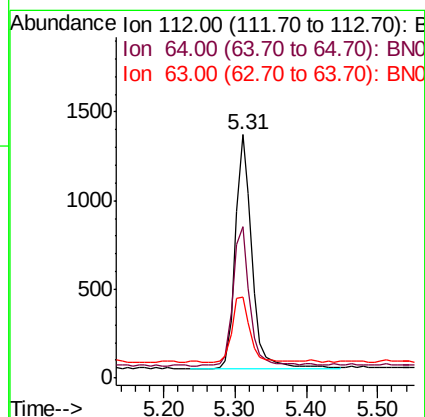
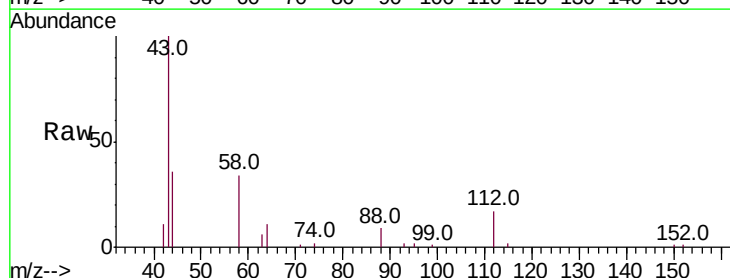
Tgt Ion: 112 Resp: 2113

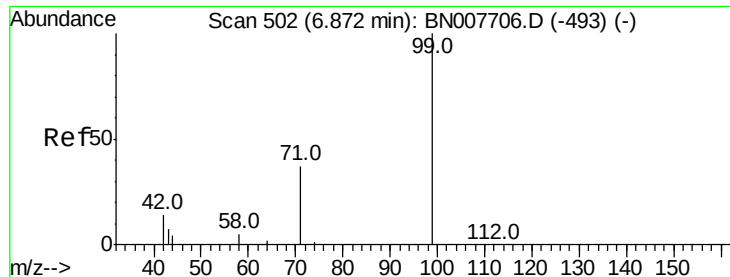
Ion Ratio Lower Upper

112 100

64 59.3 46.6 70.0

63 30.0 23.1 34.7





#5

Phenol-d6

Concen: 0.051 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007765.D

Acq: 20 Sep 2019 15:45

Instrument :

BNA_N

ClientSampleId :

RE120D1-20190917

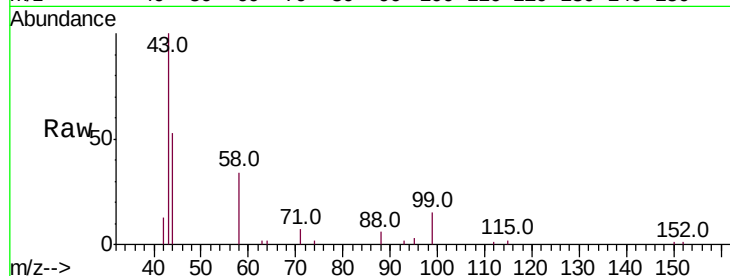
Tot Ion: 99 Resp: 1554

Ion Ratio Lower Upper

99 100

42 21.7 12.8 19.2#

71 41.8 27.6 41.4#



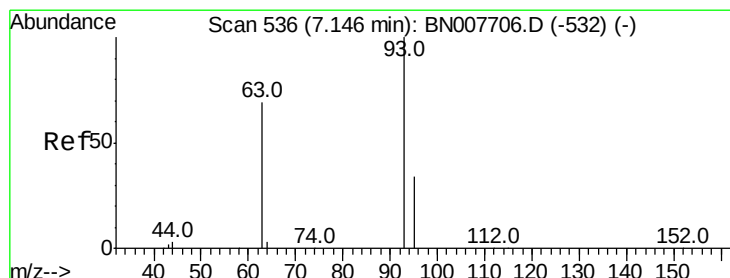
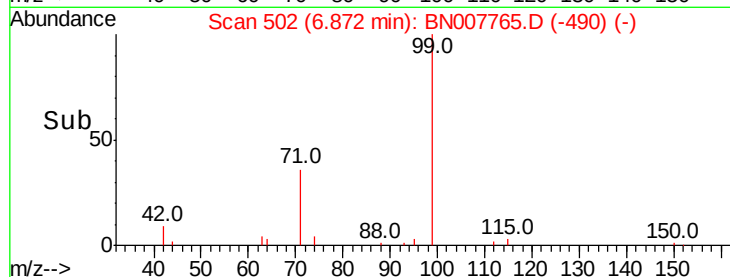
Abundance Ion 99.00 (98.70 to 99.70): BN007706.D (-493) (-)

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-->



#6

bis(2-Chloroethyl)ether

Concen: 0.029 ng

RT: 7.14 min Scan# 535

Delta R.T. -0.01 min

Lab File: BN007765.D

Acq: 20 Sep 2019 15:45

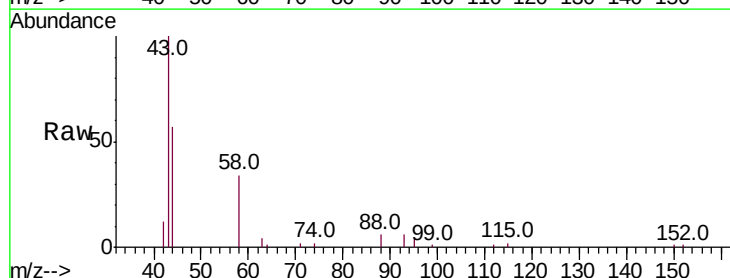
Tgt Ion: 93 Resp: 529

Ion Ratio Lower Upper

93 100

63 56.7 59.3 88.9#

95 37.2 31.4 47.0



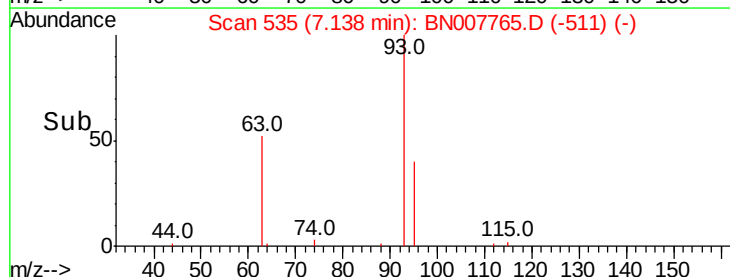
Abundance Ion 93.00 (92.70 to 93.70): BN007706.D (-532) (-)

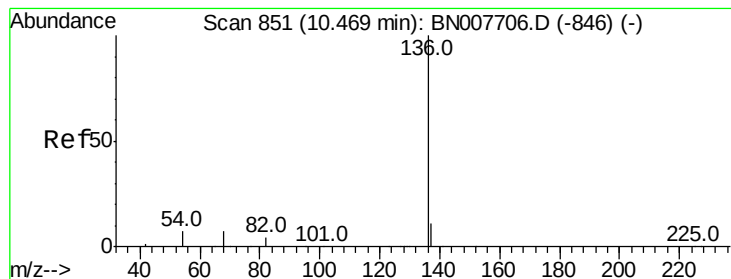
Ion 63.00 (62.70 to 63.70): BN007706.D (-532) (-)

Ion 95.00 (94.70 to 95.70): BN007706.D (-532) (-)

7.14

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.46 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN007765.D

Acq: 20 Sep 2019 15:45

Instrument :

BNA_N

ClientSampleId :

RE120D1-20190917

Tot Ion:136 Resp: 24576

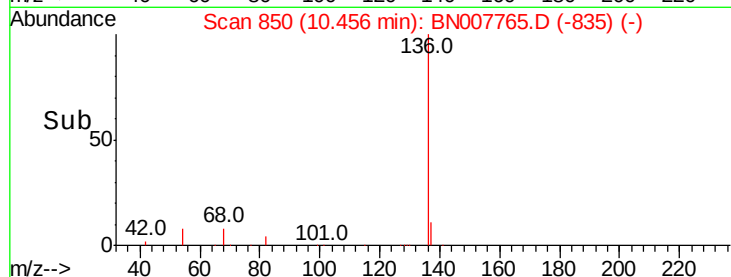
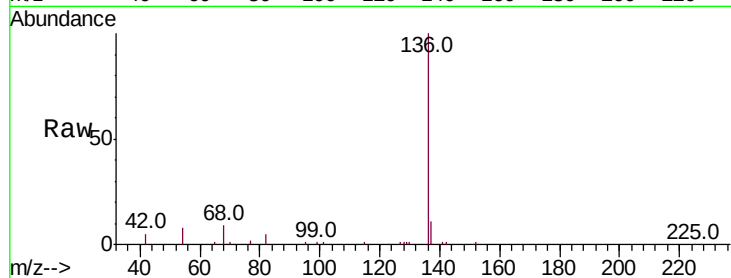
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 8.5 5.8 8.8

68 9.2 6.5 9.7

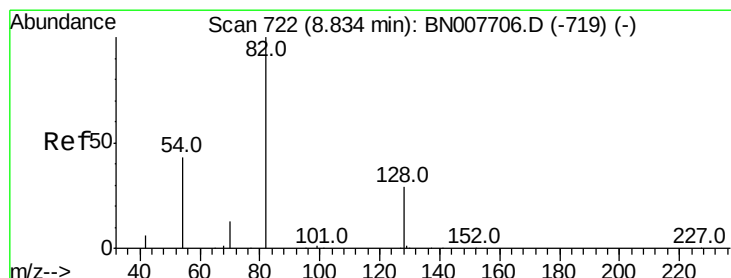
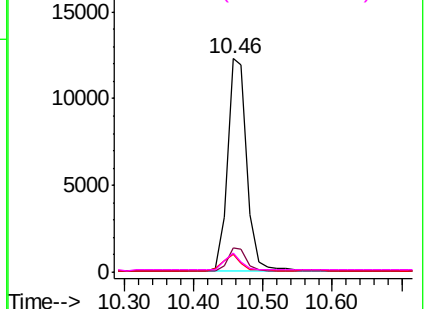


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.277 ng

RT: 8.83 min Scan# 722

Delta R.T. -0.00 min

Lab File: BN007765.D

Acq: 20 Sep 2019 15:45

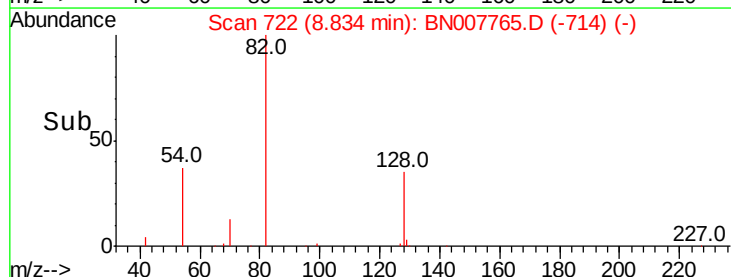
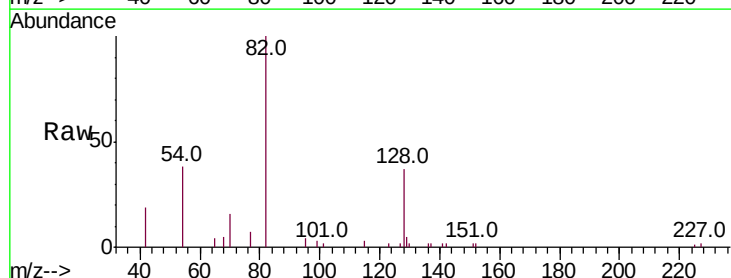
Tgt Ion: 82 Resp: 5955

Ion Ratio Lower Upper

82 100

128 36.9 24.5 36.7#

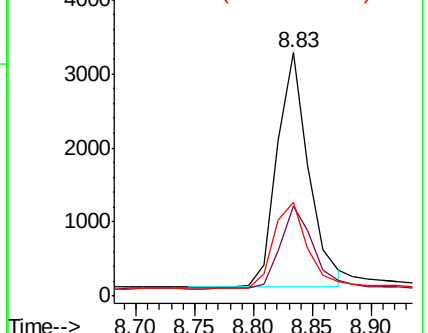
54 38.4 35.2 52.8

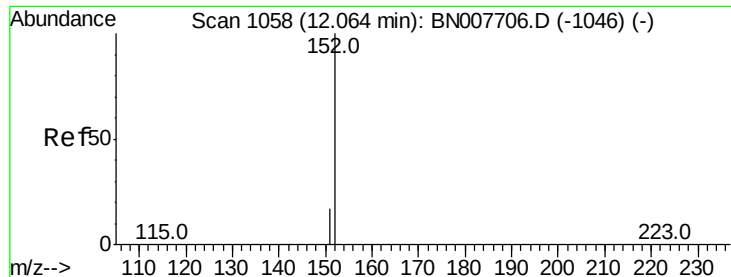


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

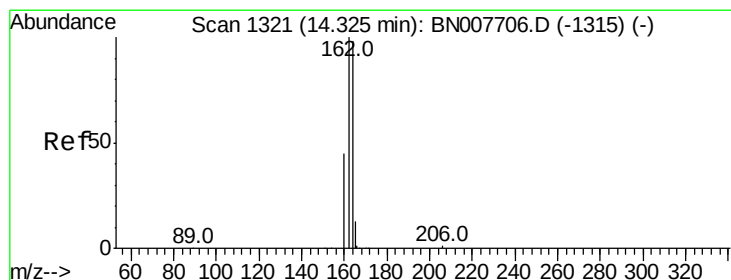
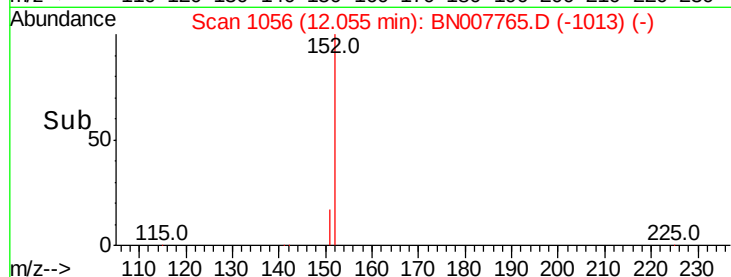
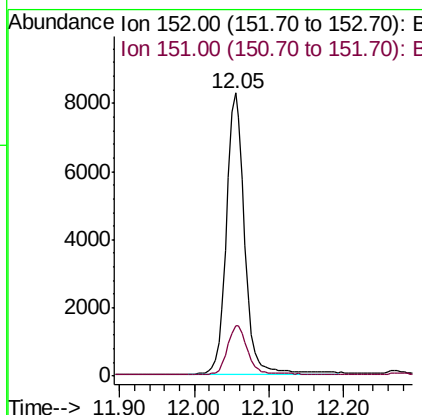
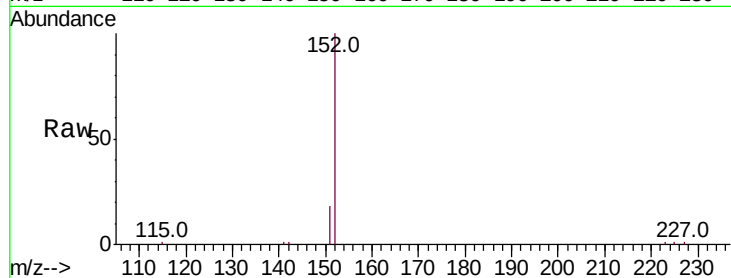




#11
2-Methylnaphthalene-d10
Concen: 0.338 ng
RT: 12.05 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BN007765.D
Acq: 20 Sep 2019 15:45

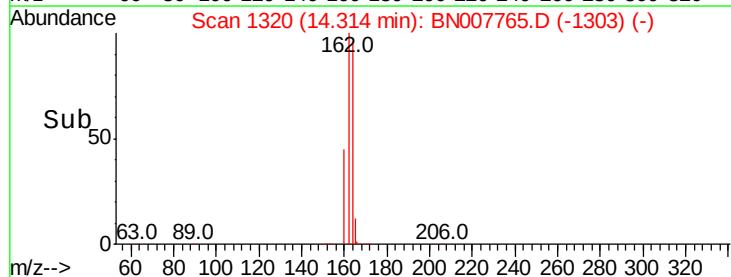
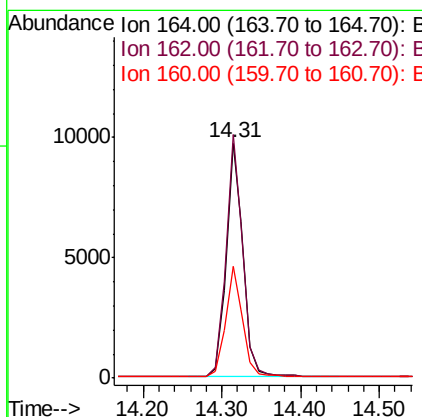
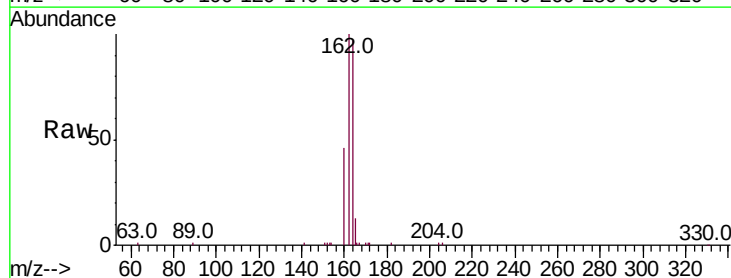
Instrument :
BNA_N
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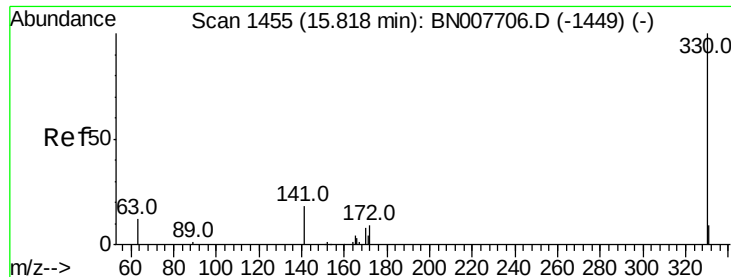
Tot Ion:152 Resp: 14004
Ion Ratio Lower Upper
152 100
151 18.9 15.4 23.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BN007765.D
Acq: 20 Sep 2019 15:45

Tgt Ion:164 Resp: 14691
Ion Ratio Lower Upper
164 100
162 103.6 81.7 122.5
160 47.3 37.0 55.4

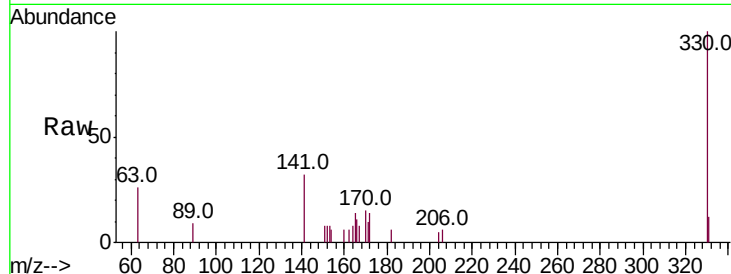




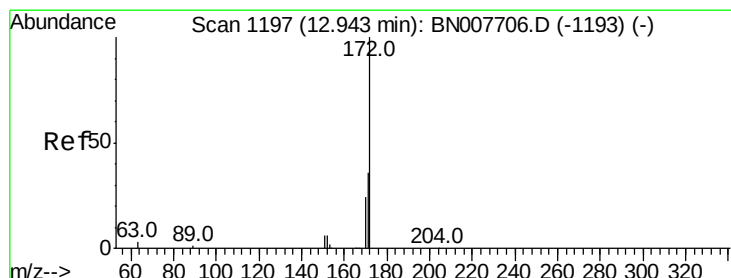
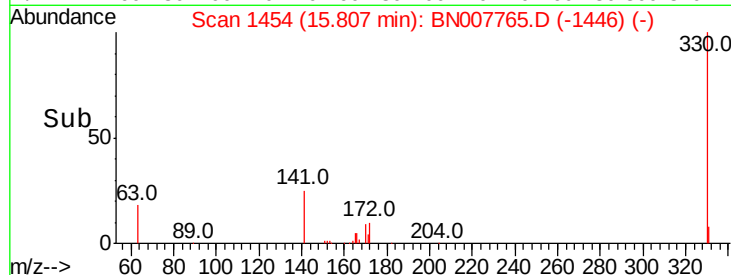
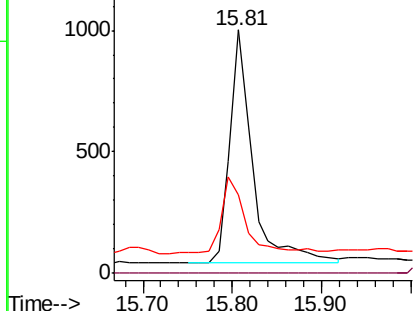
#14
 2,4,6-Tribromophenol
 Concen: 0.210 ng
 RT: 15.81 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BN007765.D
 Acq: 20 Sep 2019 15:45

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20190917

Tot Ion:330 Resp: 1682
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 35.3 28.7 43.1

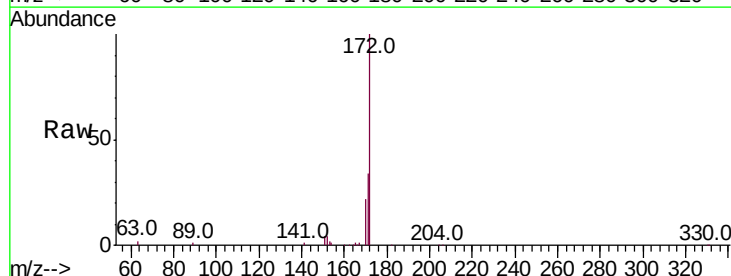


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

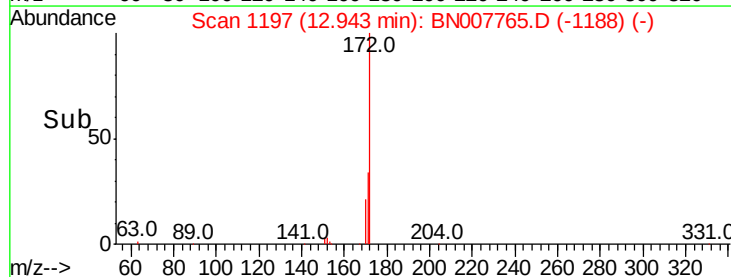
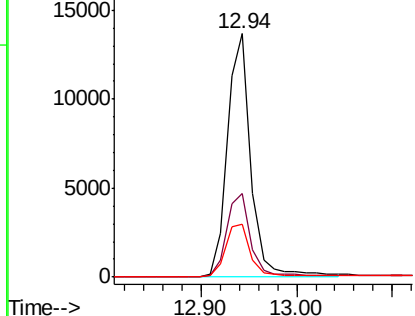


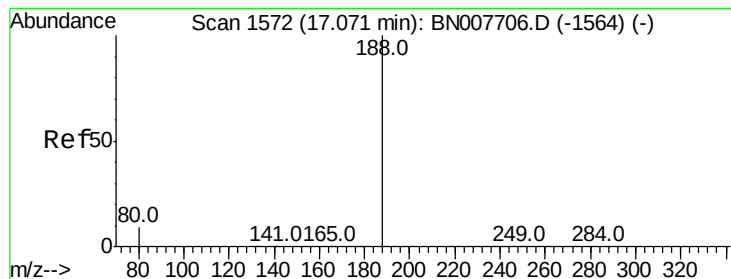
#15
 2-Fluorobiphenyl
 Concen: 0.383 ng
 RT: 12.94 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BN007765.D
 Acq: 20 Sep 2019 15:45

Tgt Ion:172 Resp: 23168
 Ion Ratio Lower Upper
 172 100
 171 34.3 28.8 43.2
 170 21.7 19.5 29.3



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: 17.06 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BN007765.D

Acq: 20 Sep 2019 15:45

Instrument :

BNA_N

ClientSampleId :

RE120D1-20190917

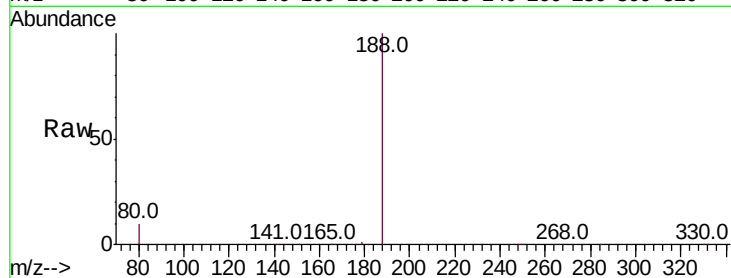
Tot Ion:188 Resp: 32534

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

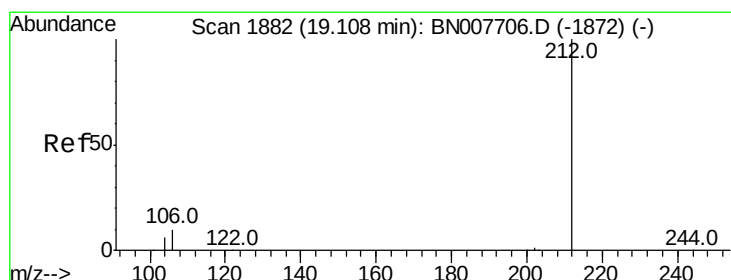
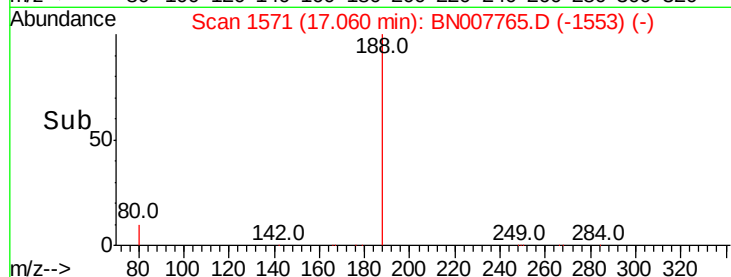
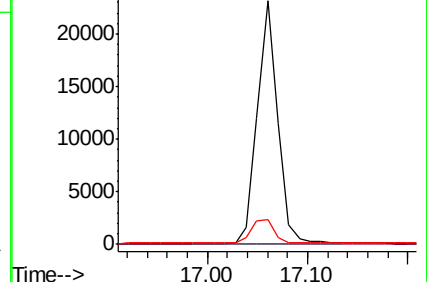
80 10.1 7.4 11.2



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: 0.349 ng

RT: 19.09 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BN007765.D

Acq: 20 Sep 2019 15:45

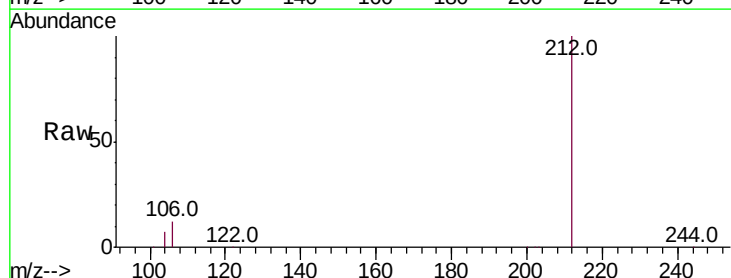
Tgt Ion:212 Resp: 38318

Ion Ratio Lower Upper

212 100

106 12.0 9.4 14.0

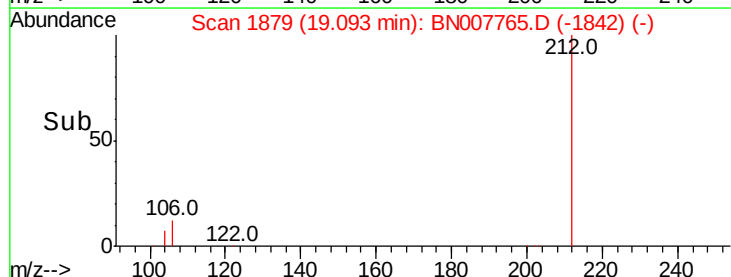
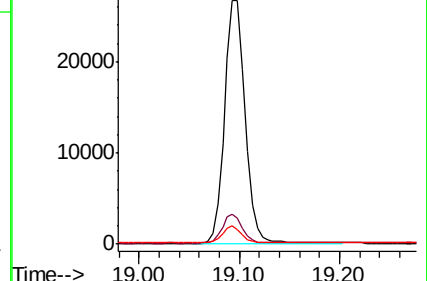
104 6.7 5.3 7.9

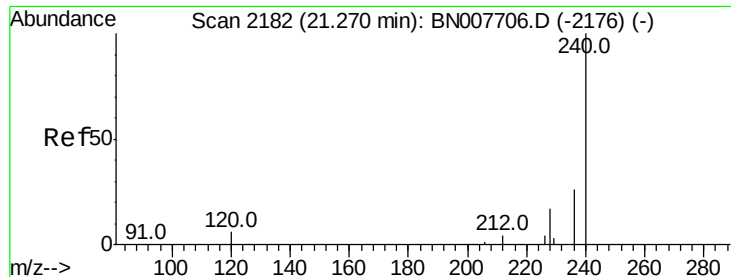


Abundance Ion 212.00 (211.70 to 212.70): E

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: BN007765.D

Acq: 20 Sep 2019 15:45

Instrument :

BNA_N

ClientSampleId :

RE120D1-20190917

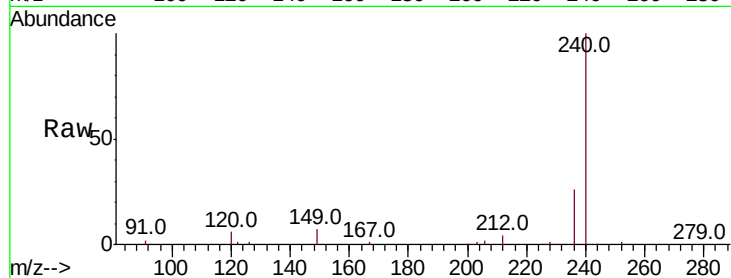
Tot Ion:240 Resp: 37218

Ion Ratio Lower Upper

240 100

120 6.1 5.4 8.2

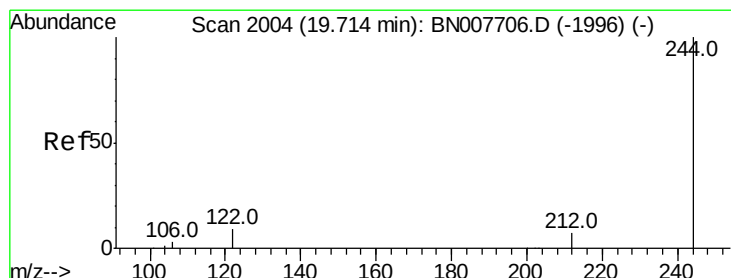
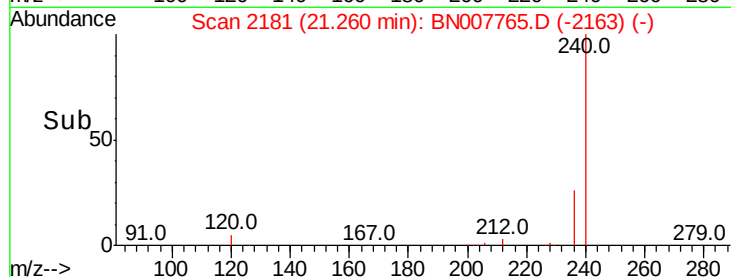
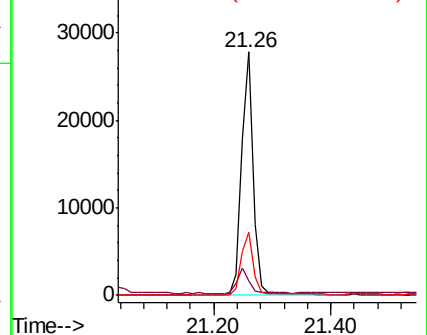
236 26.0 21.0 31.4



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: 0.400 ng

RT: 19.70 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BN007765.D

Acq: 20 Sep 2019 15:45

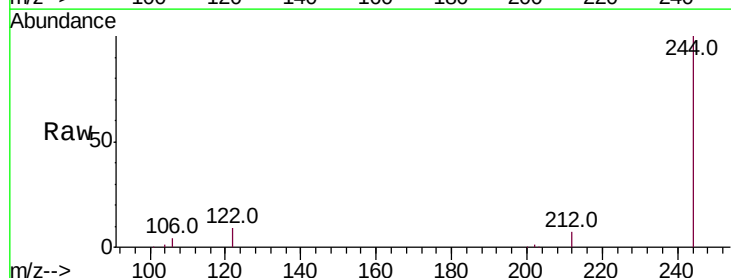
Tgt Ion:244 Resp: 36599

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

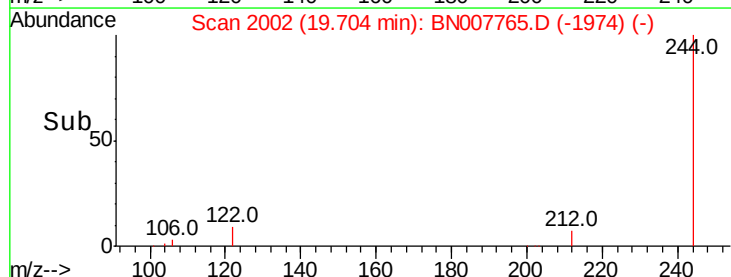
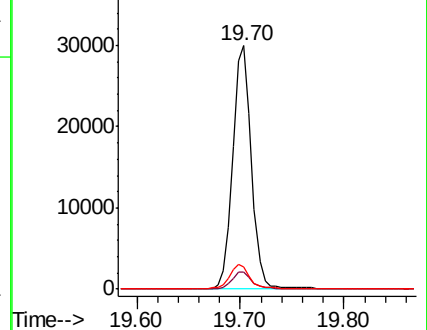
122 9.2 7.4 11.2

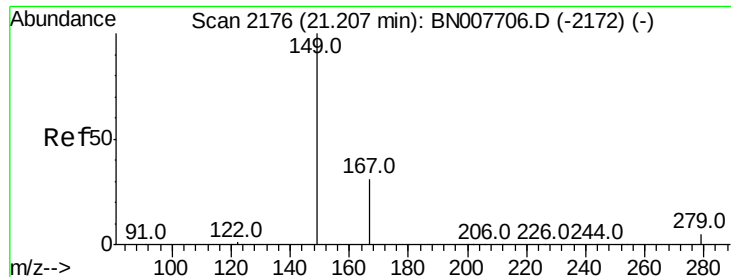


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.177 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.02 min

Lab File: BN007765.D

Acq: 20 Sep 2019 15:45

Instrument :

BNA_N

ClientSampleId :

RE120D1-20190917

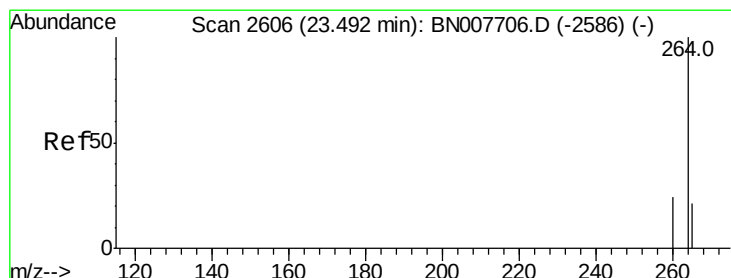
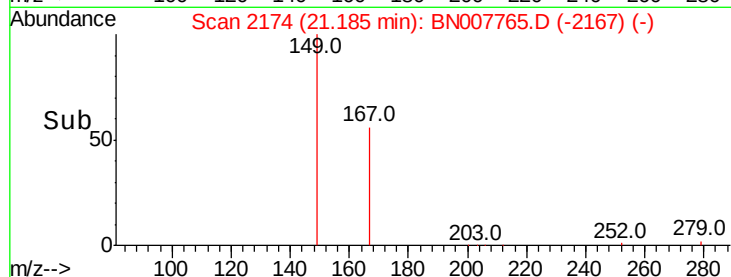
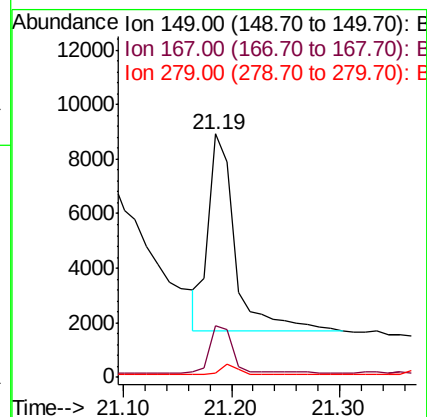
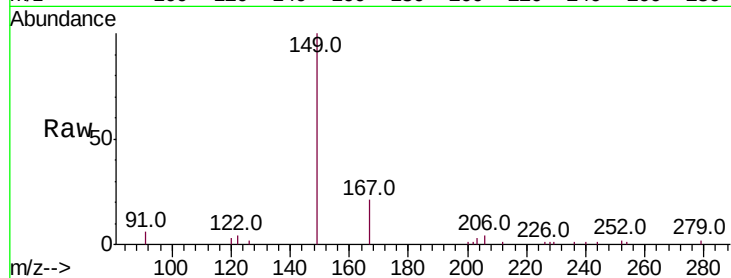
Tot Ion:149 Resp: 12466

Ion Ratio Lower Upper

149 100

167 21.1 23.7 35.5#

279 3.4 4.2 6.2#



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.47 min Scan# 2600

Delta R.T. -0.02 min

Lab File: BN007765.D

Acq: 20 Sep 2019 15:45

Tgt Ion:264 Resp: 41061

Ion Ratio Lower Upper

264 100

260 24.4 19.3 28.9

265 32.0 26.9 40.3

