

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092019\
 Data File : BN007767.D
 Acq On : 20 Sep 2019 16:56
 Operator : HP/JU
 Sample : K4975-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D3-20190917

Quant Time: Sep 20 22:48:21 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

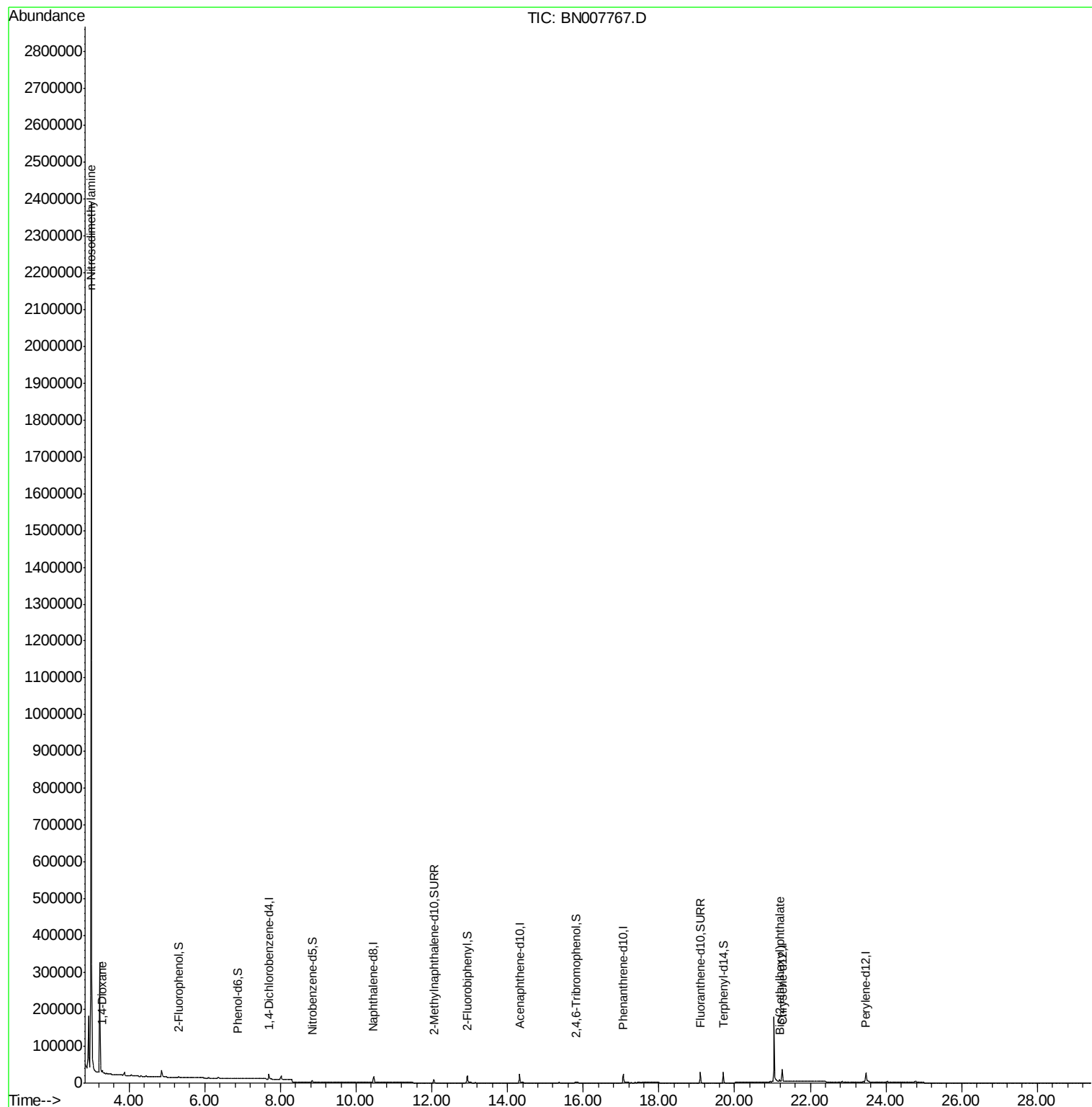
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	6490	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	24956	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	14683	0.40	ng	-0.01
19) Phenanthrene-d10	17.06	188	31615	0.40	ng	-0.01
27) Chrysene-d12	21.26	240	34533	0.40	ng	-0.01
34) Perylene-d12	23.47	264	34868	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	2128	0.10	ng	0.00
5) Phenol-d6	6.87	99	1576	0.05	ng	0.00
8) Nitrobenzene-d5	8.83	82	5957	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	13817	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	1541	0.19	ng	-0.01
15) 2-Fluorobiphenyl	12.94	172	20061	0.33	ng	0.00
25) Fluoranthene-d10	19.09	212	35075	0.33	ng	-0.02
29) Terphenyl-d14	19.70	244	29552	0.35	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.29	88	5974	0.826	ng	# 88
3) n-Nitrosodimethylamine	3.00	42	176800	53.362	ng	# 67
32) Bis(2-ethylhexyl)phthalate	21.19	149	7968	0.122	ng	# 80

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

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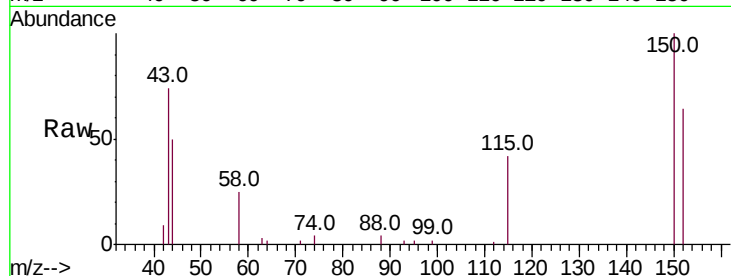


#1

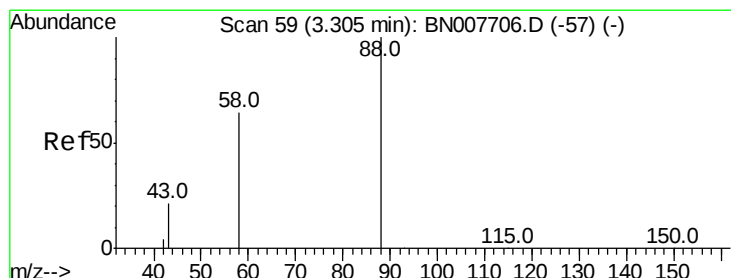
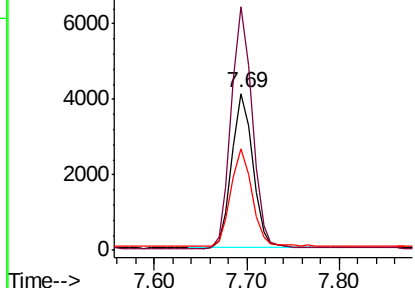
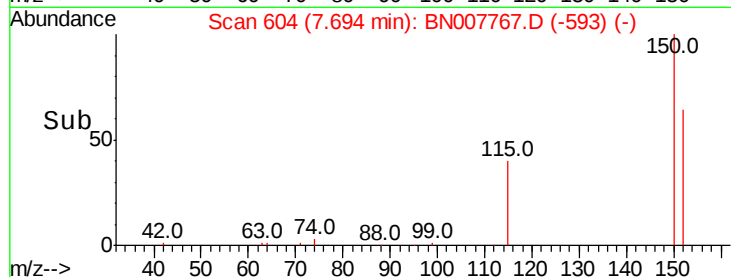
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.69 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BN007767.D
 Acq: 20 Sep 2019 16:56

Instrument :
 BNA_N
 ClientSampleId :
 RE120D3-20190917

Tot Ion:152 Resp: 6490
 Ion Ratio Lower Upper
 152 100
 150 155.4 125.6 188.4
 115 64.6 53.3 79.9



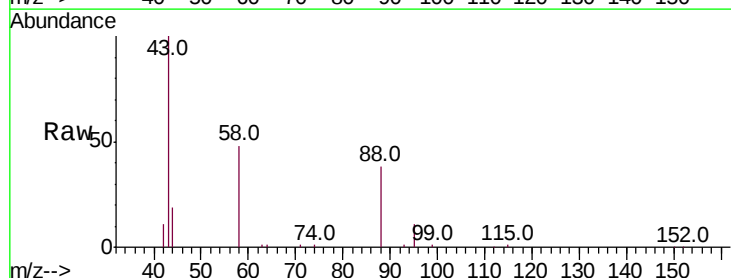
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



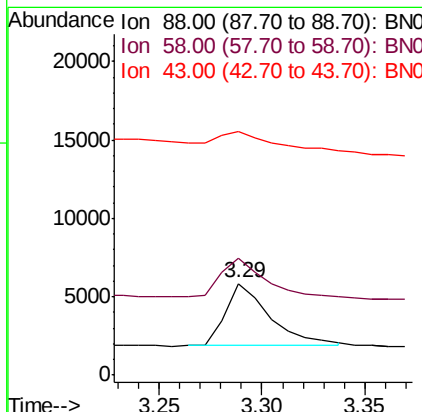
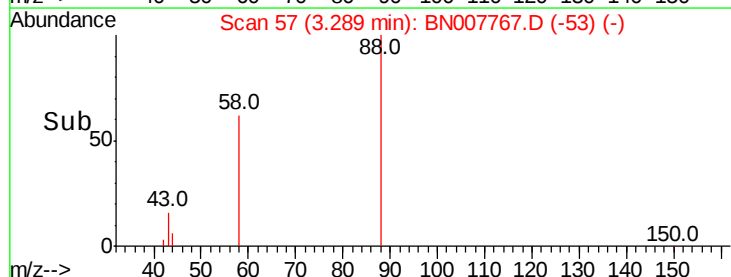
#2

1,4-Dioxane
 Concen: 0.826 ng
 RT: 3.29 min Scan# 57
 Delta R.T. -0.02 min
 Lab File: BN007767.D
 Acq: 20 Sep 2019 16:56

Tgt Ion: 88 Resp: 5974
 Ion Ratio Lower Upper
 88 100
 58 58.9 44.6 66.8
 43 33.6 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: 53.362 ng

RT: 3.00 min Scan# 21

Delta R.T. -0.01 min

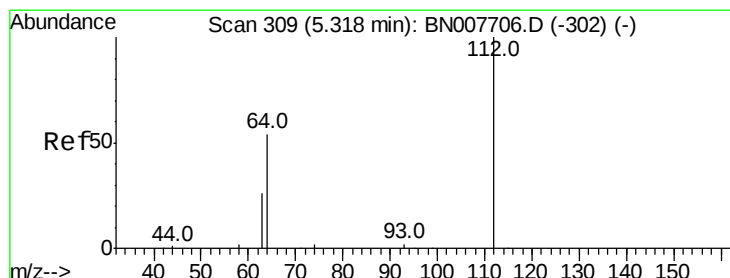
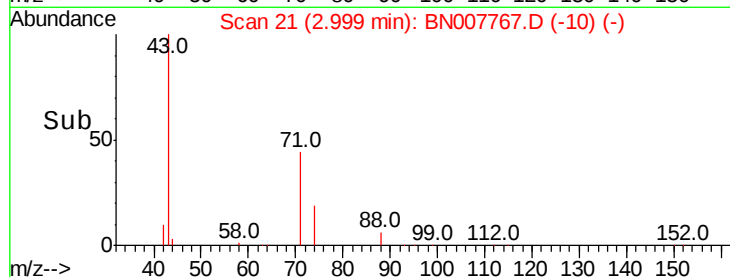
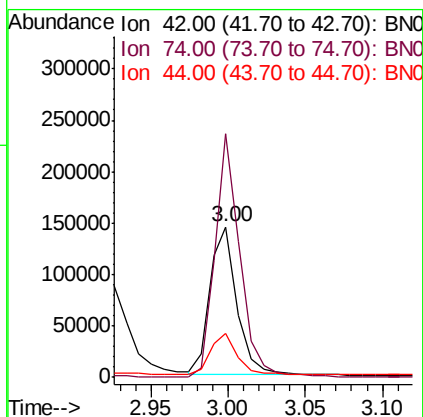
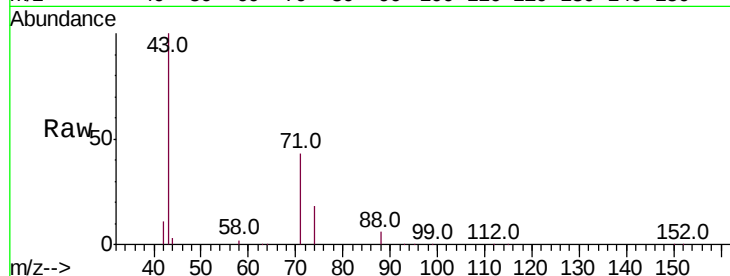
Lab File: BN007767.D

Acq: 20 Sep 2019 16:56

Instrument :
BNA_N
ClientSampleId :
RE120D3-20190917

Tot Ion: 42 Resp: 176800

Ion	Ratio	Lower	Upper
42	100		
74	150.9	87.9	131.9#
44	26.8	29.4	44.0#



#4

2-Fluorophenol

Concen: 0.095 ng

RT: 5.31 min Scan# 308

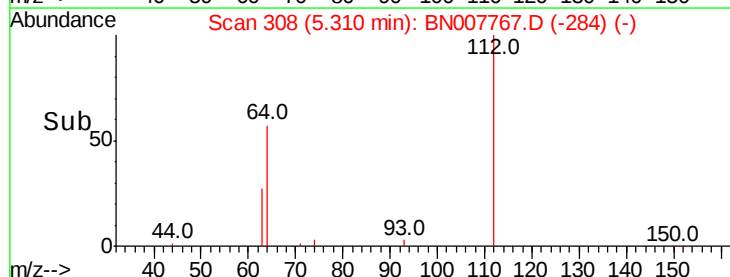
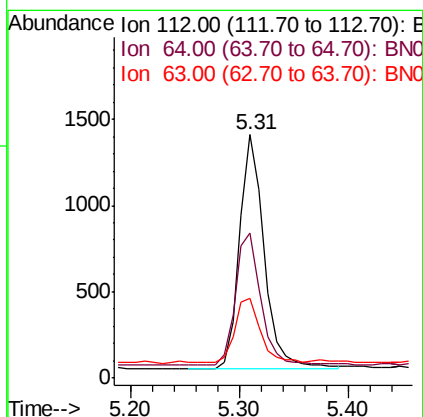
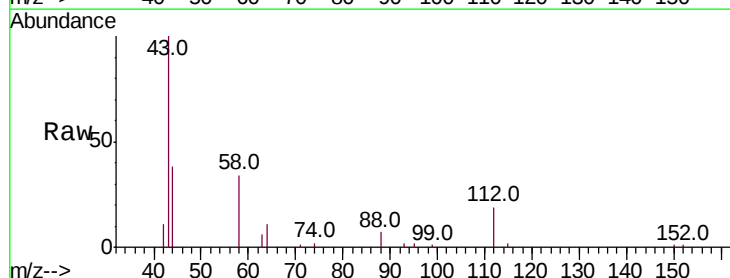
Delta R.T. -0.01 min

Lab File: BN007767.D

Acq: 20 Sep 2019 16:56

Tgt Ion: 112 Resp: 2128

Ion	Ratio	Lower	Upper
112	100		
64	58.8	46.6	70.0
63	28.8	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: BN007767.D

Acq: 20 Sep 2019 16:56

Instrument :

BNA_N

ClientSampleId :

RE120D3-20190917

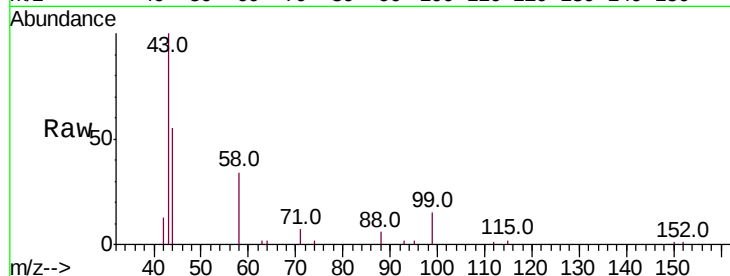
Tot Ion: 99 Resp: 1576

Ion Ratio Lower Upper

99 100

42 19.9 12.8 19.2#

71 41.1 27.6 41.4



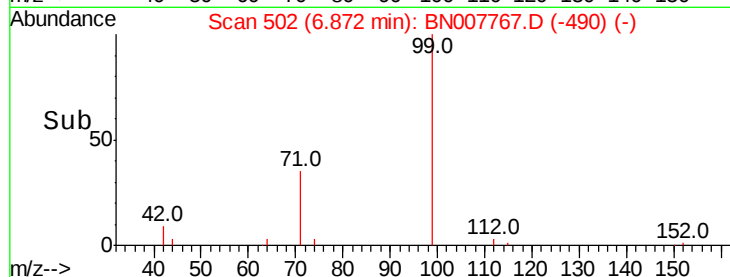
Abundance Ion 99.00 (98.70 to 99.70): BN007767.D (-493) (-)

Ion 42.00 (41.70 to 42.70): BN007767.D (-493) (-)

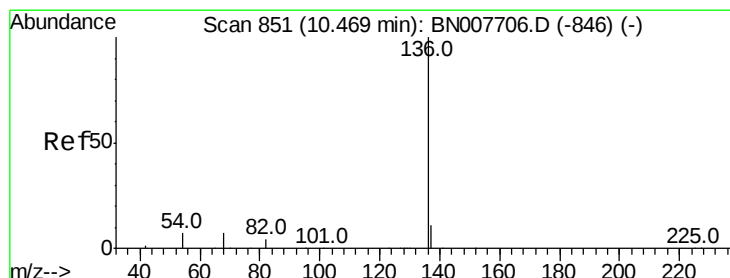
Ion 71.00 (70.70 to 71.70): BN007767.D (-493) (-)

6.87

Time-->



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.46 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN007767.D

Acq: 20 Sep 2019 16:56

Tgt Ion: 136 Resp: 24956

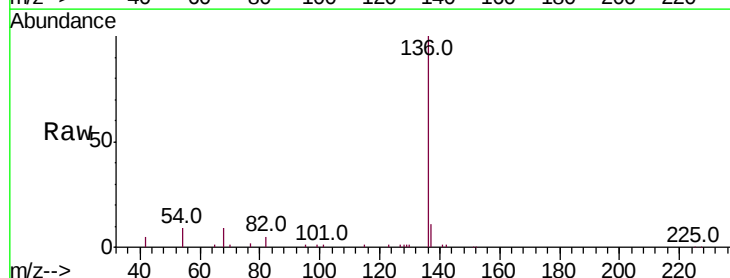
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 8.9 5.8 8.8#

68 9.1 6.5 9.7



Abundance Ion 136.00 (135.70 to 136.70): BN007767.D (-846) (-)

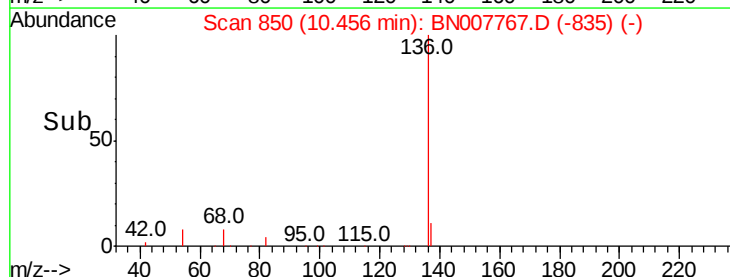
Ion 137.00 (136.70 to 137.70): BN007767.D (-846) (-)

Ion 54.00 (53.70 to 54.70): BN007767.D (-846) (-)

Ion 68.00 (67.70 to 68.70): BN007767.D (-846) (-)

10.46

Time-->



Time-->



#8

Nitrobenzene-d5

Concen: 0.273 ng

RT: 8.83 min Scan# 722

Delta R.T. -0.00 min

Lab File: BN007767.D

Acq: 20 Sep 2019 16:56

Instrument :

BNA_N

ClientSampleId :

RE120D3-20190917

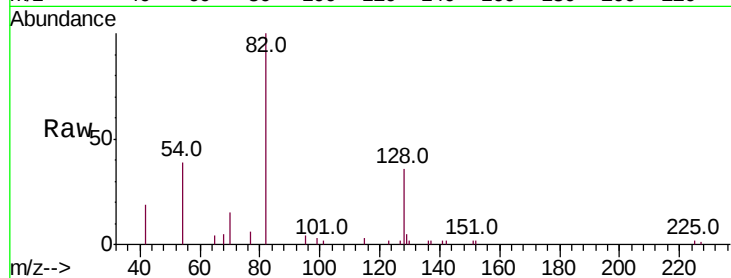
Tot Ion: 82 Resp: 5957

Ion Ratio Lower Upper

82 100

128 36.1 24.5 36.7

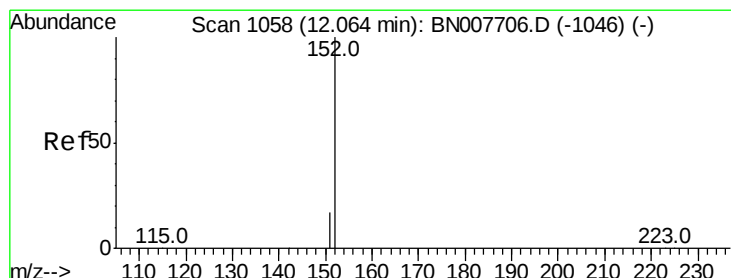
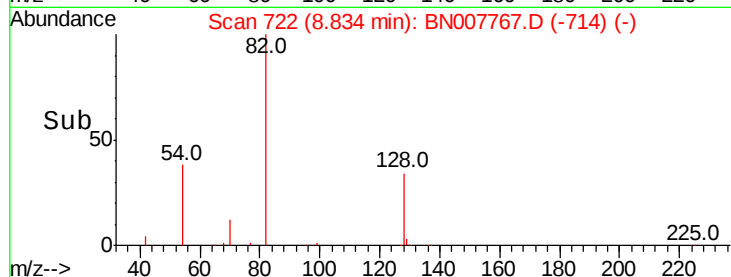
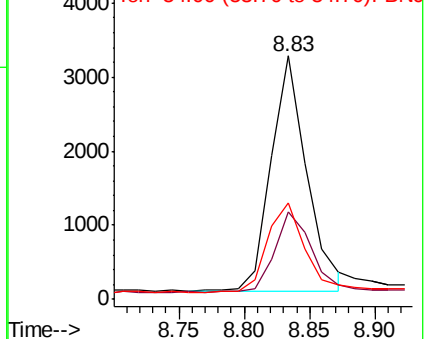
54 39.4 35.2 52.8



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: 0.329 ng

RT: 12.05 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BN007767.D

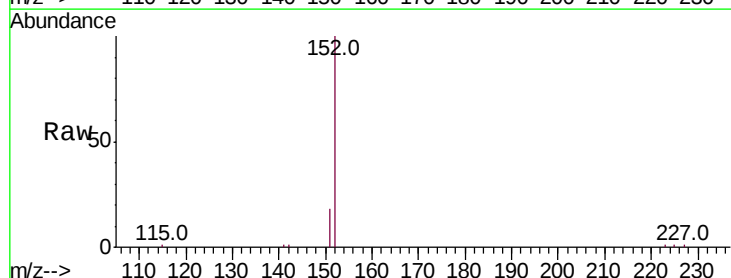
Acq: 20 Sep 2019 16:56

Tgt Ion: 152 Resp: 13817

Ion Ratio Lower Upper

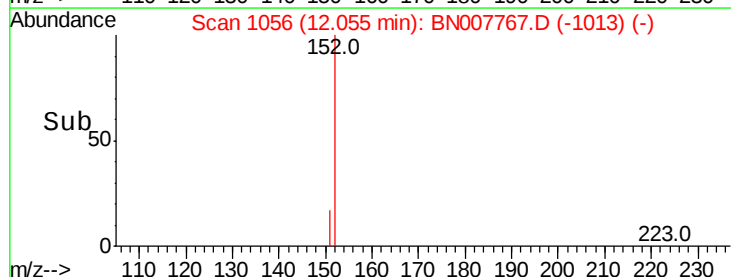
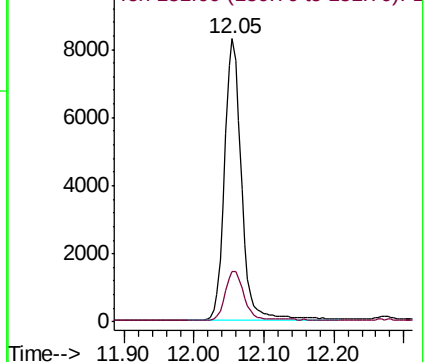
152 100

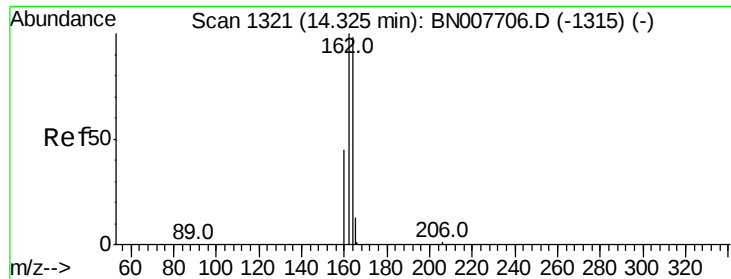
151 19.3 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): BN007706.D (-1046) (-)

Ion 151.00 (150.70 to 151.70): BN007706.D (-1046) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BN007767.D

Acq: 20 Sep 2019 16:56

Instrument :

BNA_N

ClientSampleId :

RE120D3-20190917

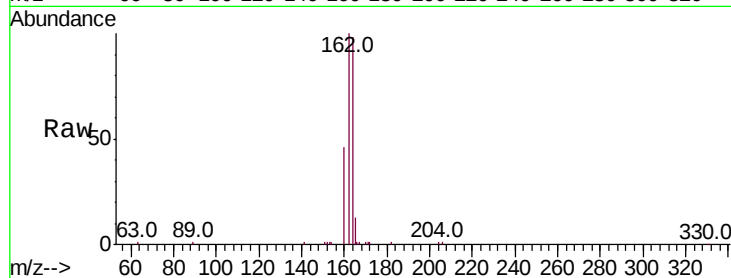
Tot Ion:164 Resp: 14683

Ion Ratio Lower Upper

164 100

162 102.3 81.7 122.5

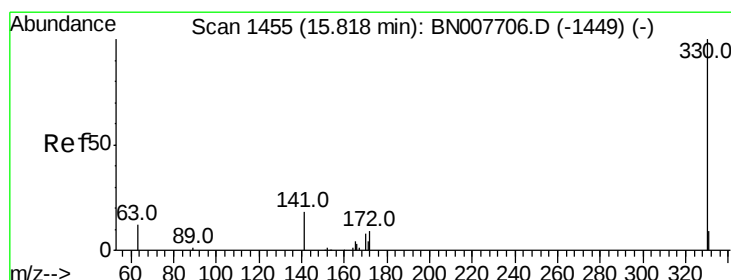
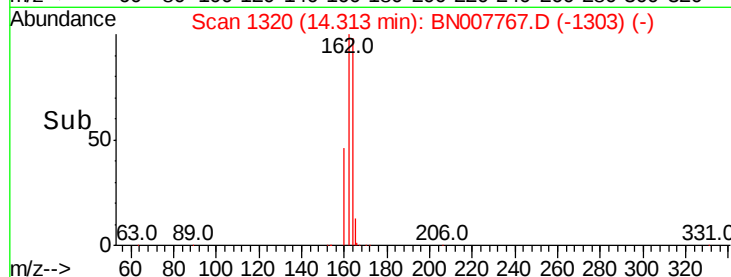
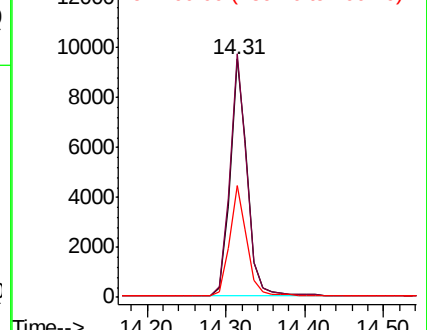
160 47.2 37.0 55.4



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: 0.193 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BN007767.D

Acq: 20 Sep 2019 16:56

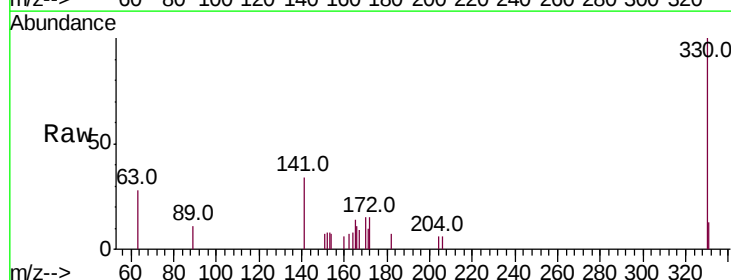
Tgt Ion:330 Resp: 1541

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

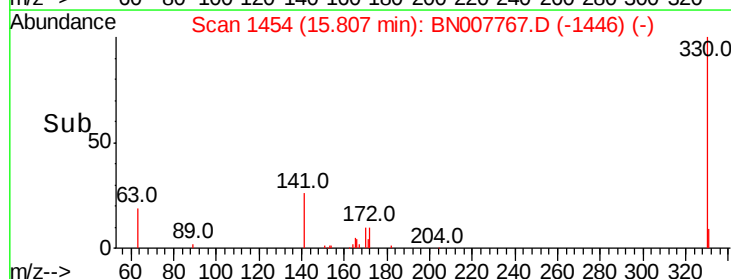
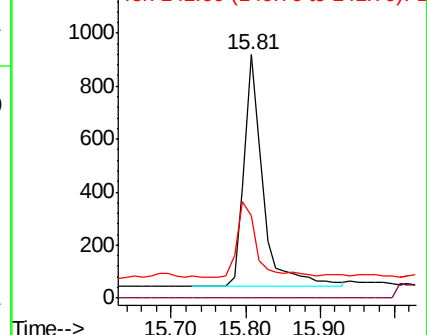
141 34.1 28.7 43.1

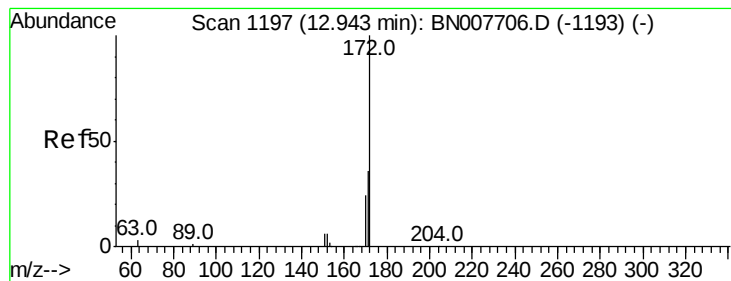


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.332 ng

RT: 12.94 min Scan# 1197

Delta R.T. -0.00 min

Lab File: BN007767.D

Acq: 20 Sep 2019 16:56

Instrument :

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RE120D3-20190917

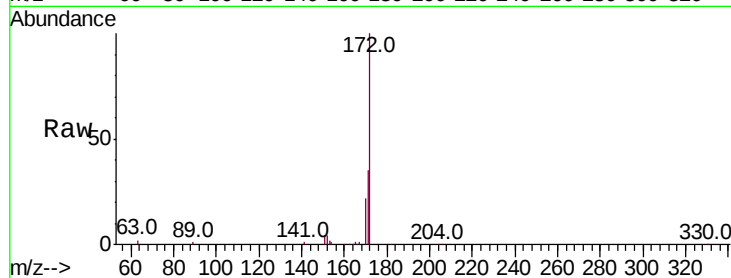
Tot Ion:172 Resp: 20061

Ion Ratio Lower Upper

172 100

171 34.8 28.8 43.2

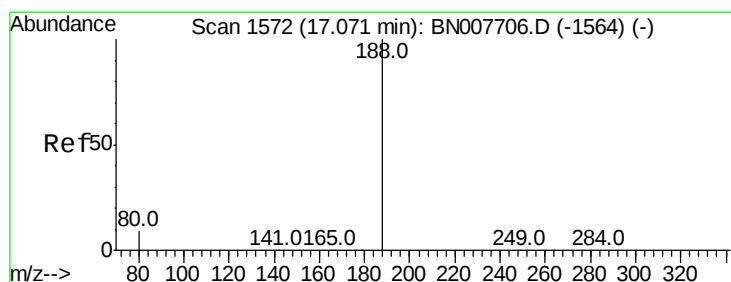
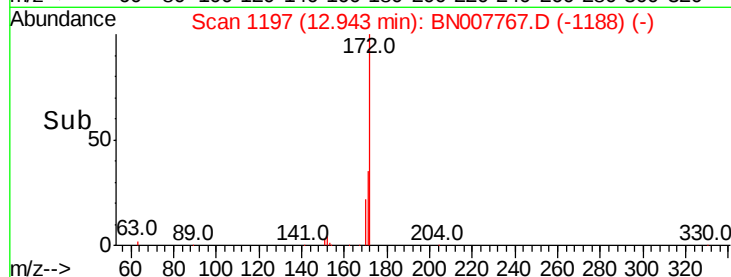
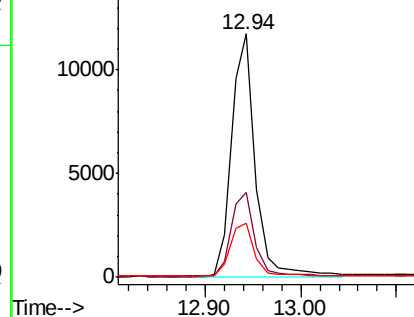
170 22.2 19.5 29.3



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: BN007767.D

Acq: 20 Sep 2019 16:56

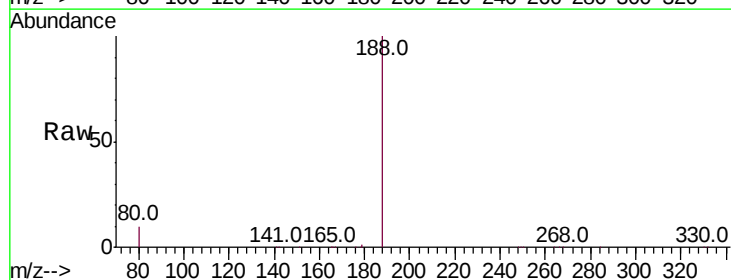
Tgt Ion:188 Resp: 31615

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

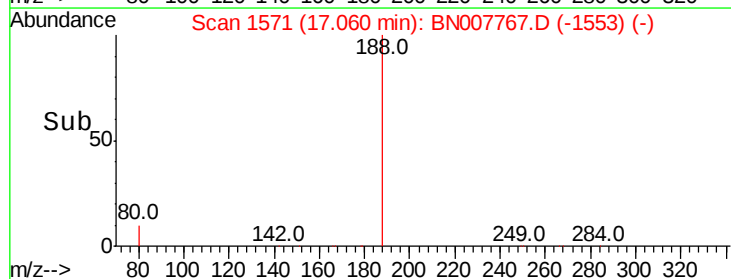
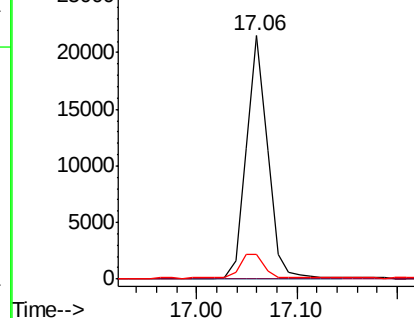
80 10.0 7.4 11.2

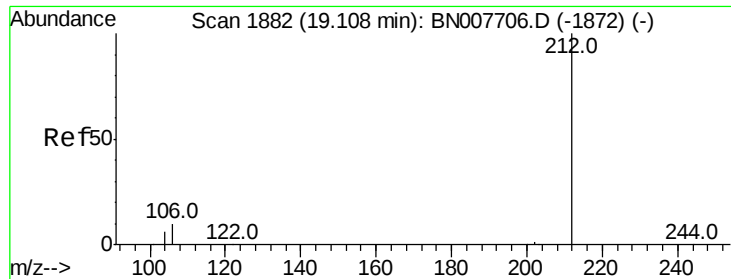


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#25

Fluoranthene-d10

Concen: 0.329 ng

RT: 19.09 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BN007767.D

Acq: 20 Sep 2019 16:56

Instrument :

BNA_N

ClientSampleId :

RE120D3-20190917

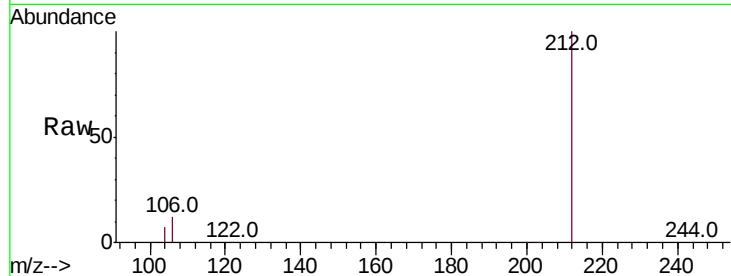
Tot Ion:212 Resp: 35075

Ion Ratio Lower Upper

212 100

106 11.7 9.4 14.0

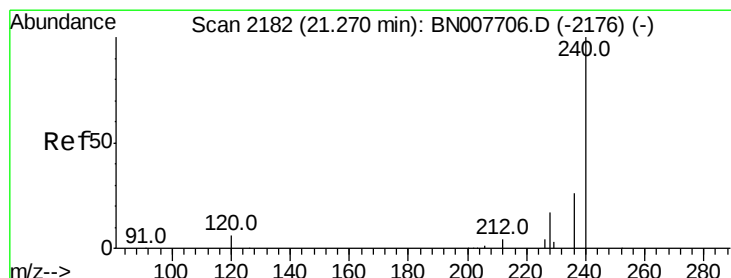
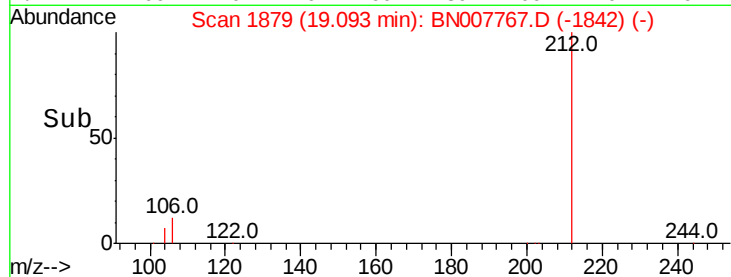
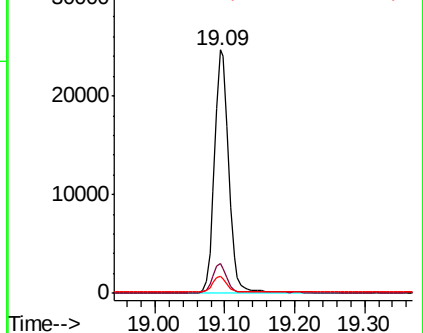
104 6.7 5.3 7.9



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: BN007767.D

Acq: 20 Sep 2019 16:56

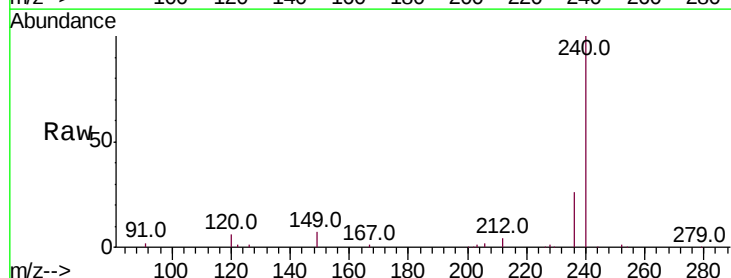
Tgt Ion:240 Resp: 34533

Ion Ratio Lower Upper

240 100

120 5.6 5.4 8.2

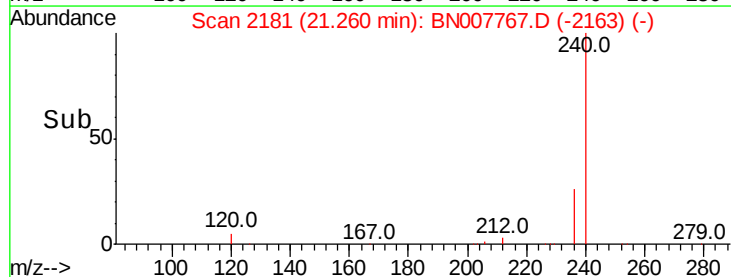
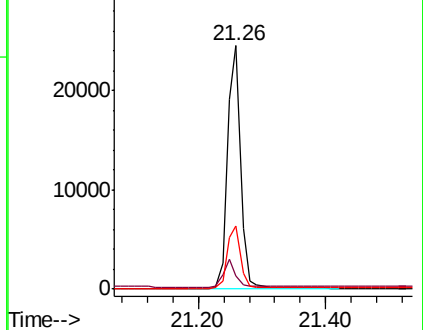
236 26.2 21.0 31.4

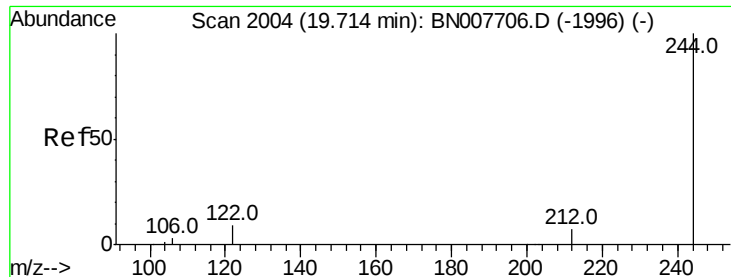


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

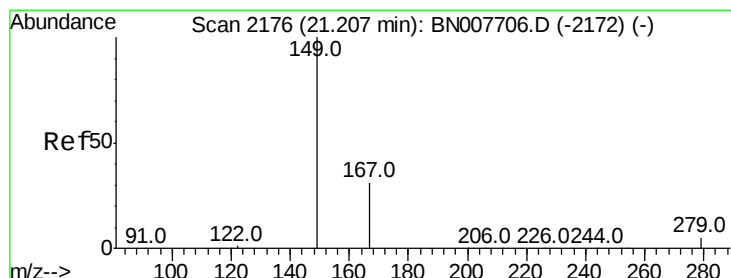
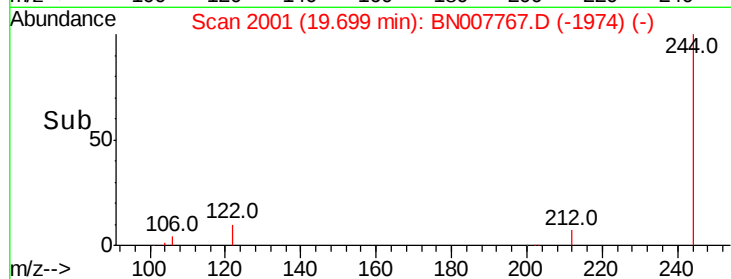
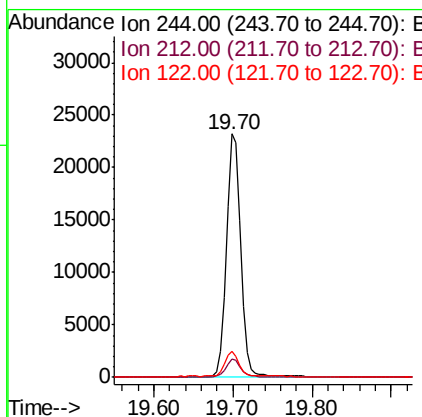
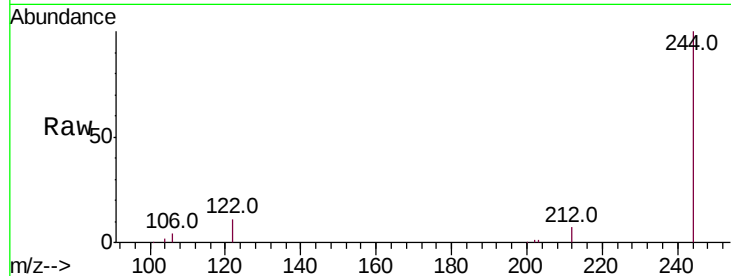




#29
 Terphenyl-d14
 Concen: 0.348 ng
 RT: 19.70 min Scan# 2001
 Delta R.T. -0.02 min
 Lab File: BN007767.D
 Acq: 20 Sep 2019 16:56

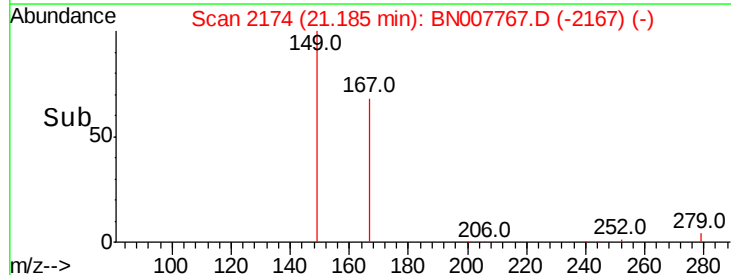
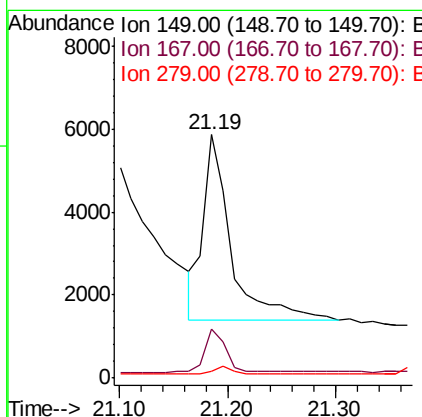
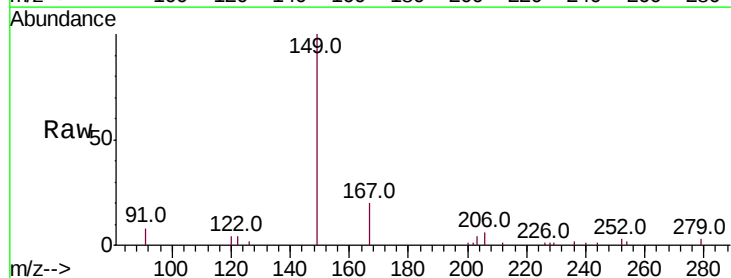
Instrument :
 BNA_N
 ClientSampleId :
 RE120D3-20190917

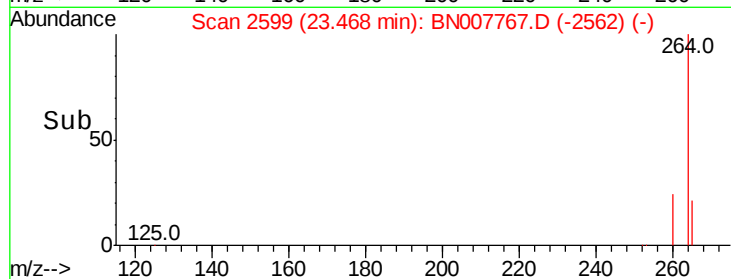
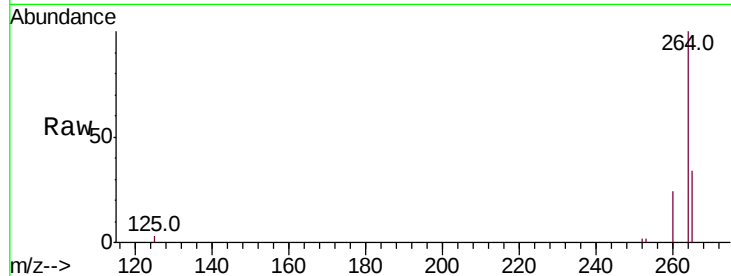
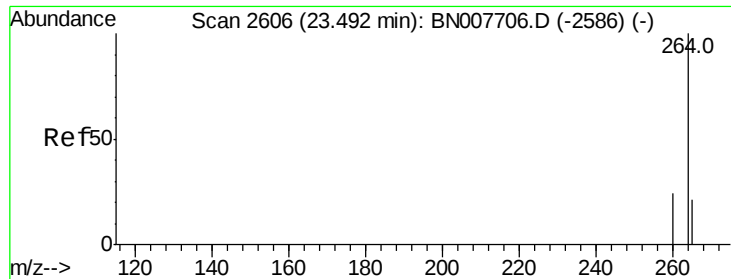
Tot Ion:244 Resp: 29552
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 10.7 7.4 11.2



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.122 ng
 RT: 21.19 min Scan# 2174
 Delta R.T. -0.02 min
 Lab File: BN007767.D
 Acq: 20 Sep 2019 16:56

Tgt Ion:149 Resp: 7968
 Ion Ratio Lower Upper
 149 100
 167 17.6 23.7 35.5#
 279 3.4 4.2 6.2#





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.47 min Scan# 2599

Delta R.T. -0.02 min

Lab File: BN007767.D

Acq: 20 Sep 2019 16:56

Instrument :

BNA_N

ClientSampleId :

RE120D3-20190917

Tot Ion:264 Resp: 34868

Ion Ratio Lower Upper

264 100

260 23.8 19.3 28.9

265 33.6 26.9 40.3

