

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092519\
 Data File : BN007877.D
 Acq On : 26 Sep 2019 06:18
 Operator : JU
 Sample : K4974-07DL 2X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D2-20190916DL

Quant Time: Sep 26 07:47:26 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

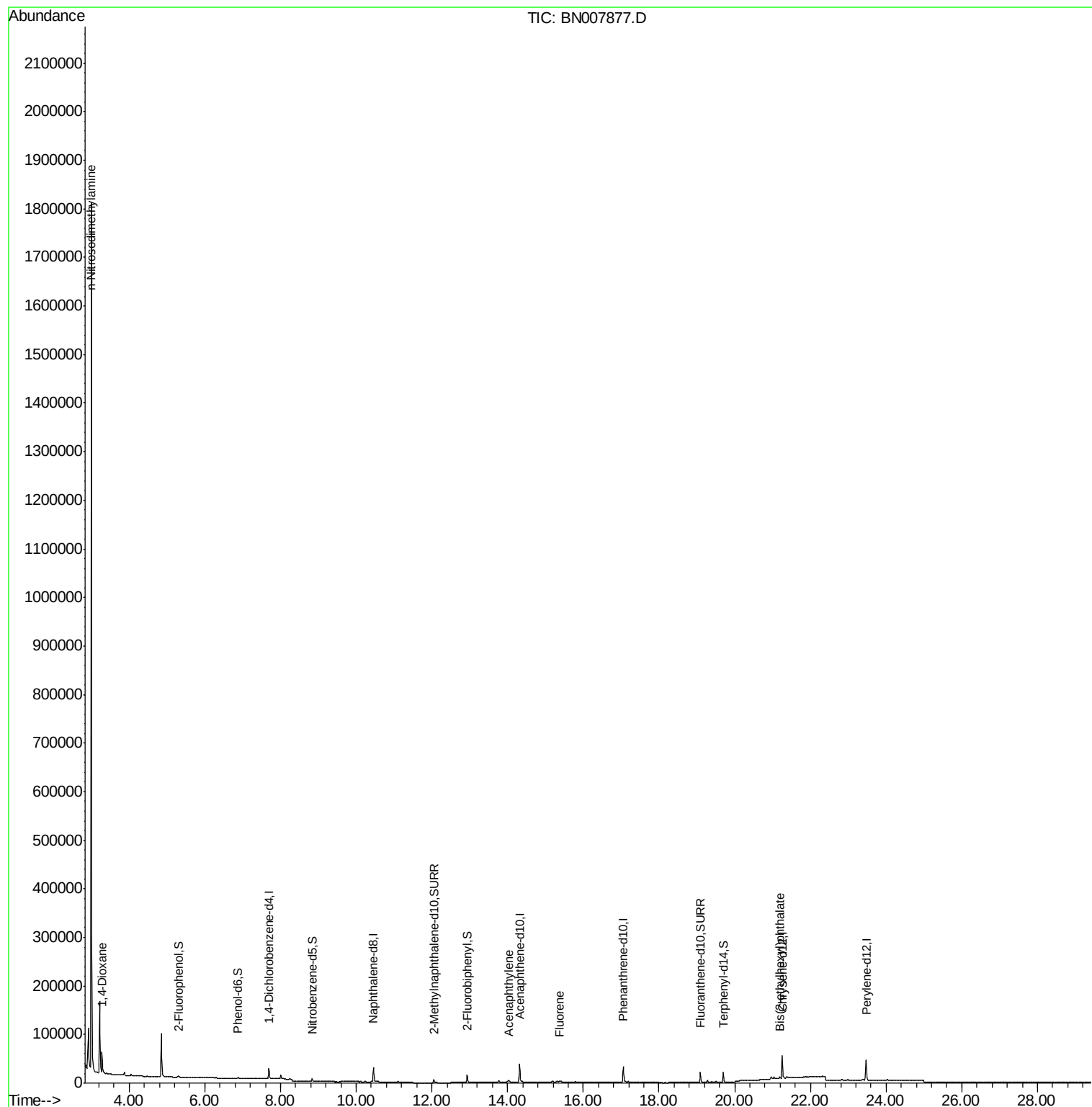
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	10270	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	40604	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	23141	0.40	ng	-0.01
19) Phenanthrene-d10	17.06	188	46715	0.40	ng	-0.01
27) Chrysene-d12	21.26	240	47855	0.40	ng	-0.01
34) Perylene-d12	23.47	264	53404	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	1836	0.05	ng	0.00
5) Phenol-d6	6.87	99	1517	0.03	ng	0.00
8) Nitrobenzene-d5	8.83	82	5626	0.16	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	10972	0.16	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	251	0.02	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	15480	0.16	ng	-0.01
25) Fluoranthene-d10	19.09	212	25399	0.16	ng	-0.01
29) Terphenyl-d14	19.70	244	21678	0.18	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	34950	3.053	ng	93
3) n-Nitrosodimethylamine	3.00	42	134861	25.722	ng	# 66
16) Acenaphthylene	14.02	152	11409	0.093	ng	98
18) Fluorene	15.37	166	2079	0.021	ng	# 12
32) Bis(2-ethylhexyl)phthalate	21.19	149	3973	0.044	ng	# 96

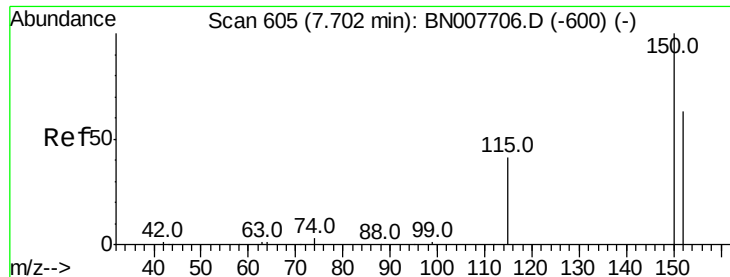
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN007877.D

Acq: 26 Sep 2019 06:18

Instrument :

BNA_N

ClientSampleId :

RE134D2-20190916DL

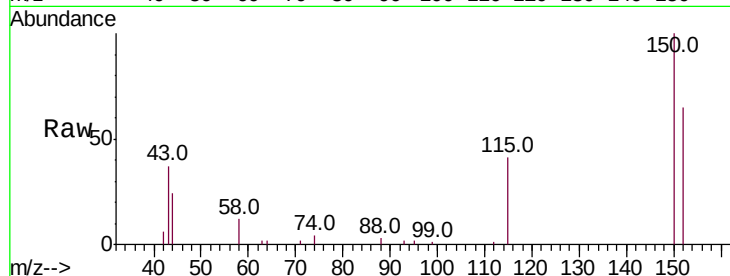
Tot Ion:152 Resp: 10270

Ion Ratio Lower Upper

152 100

150 152.7 125.6 188.4

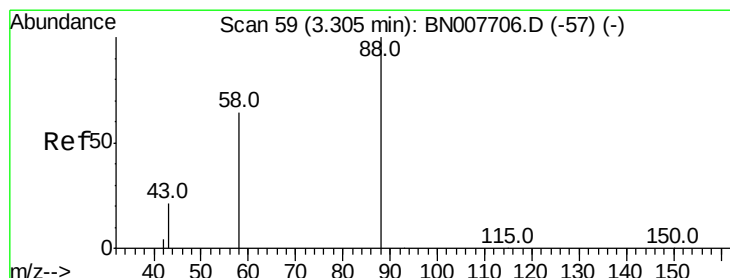
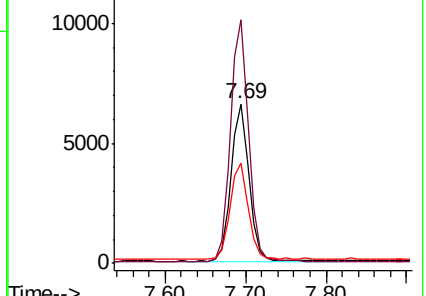
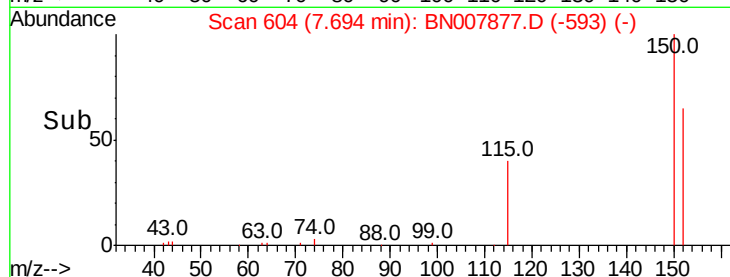
115 62.6 53.3 79.9



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: 3.053 ng

RT: 3.29 min Scan# 57

Delta R.T. -0.02 min

Lab File: BN007877.D

Acq: 26 Sep 2019 06:18

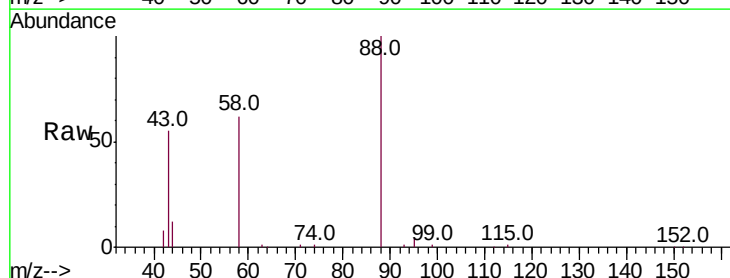
Tgt Ion: 88 Resp: 34950

Ion Ratio Lower Upper

88 100

58 60.2 44.6 66.8

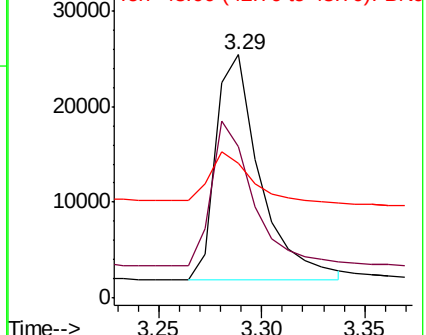
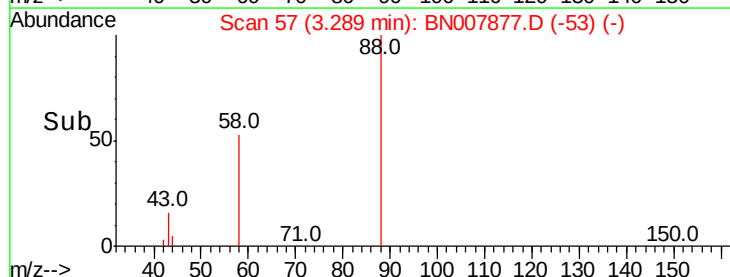
43 21.5 14.4 21.6

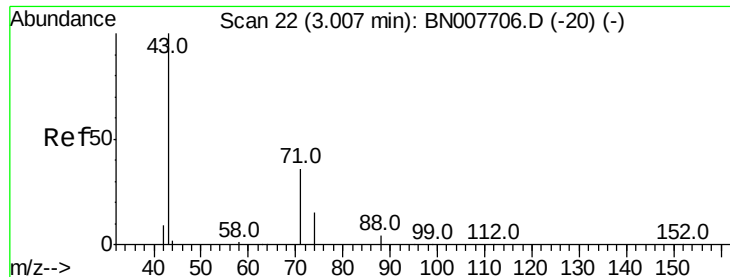


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 25.722 ng

RT: 3.00 min Scan# 21

Delta R.T. -0.01 min

Lab File: BN007877.D

Acq: 26 Sep 2019 06:18

Instrument :

BNA_N

ClientSampleId :

RE134D2-20190916DL

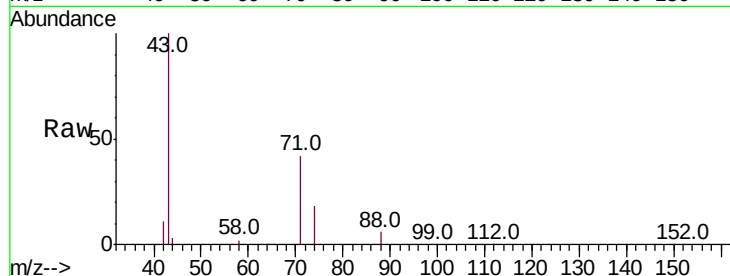
Tot Ion: 42 Resp: 134861

Ion Ratio Lower Upper

42 100

74 152.2 87.9 131.9#

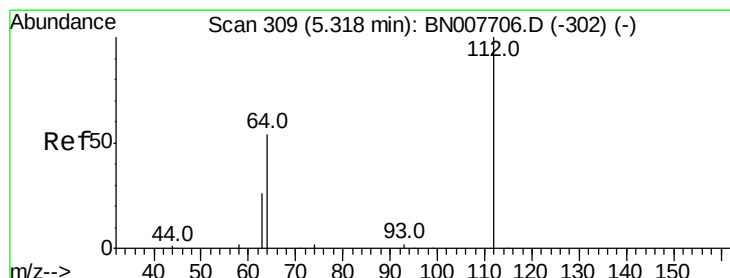
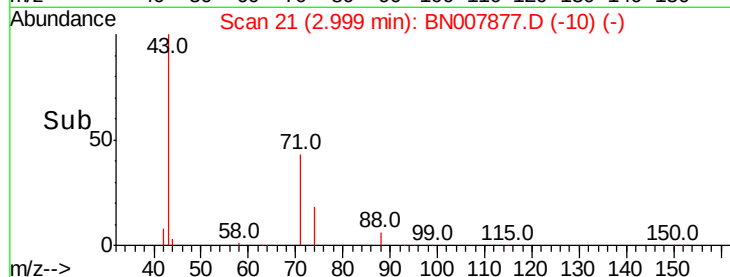
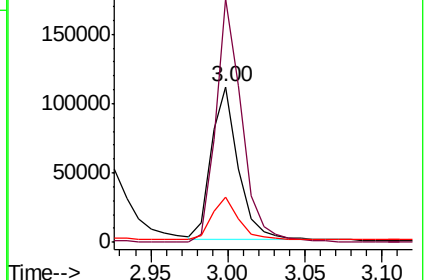
44 27.0 29.4 44.0#



Abundance Ion 42.00 (41.70 to 42.70): BN007706.D (-20) (-)

Ion 74.00 (73.70 to 74.70): BN007706.D (-20) (-)

Ion 44.00 (43.70 to 44.70): BN007706.D (-20) (-)



#4

2-Fluorophenol

Concen: 0.052 ng

RT: 5.31 min Scan# 308

Delta R.T. -0.01 min

Lab File: BN007877.D

Acq: 26 Sep 2019 06:18

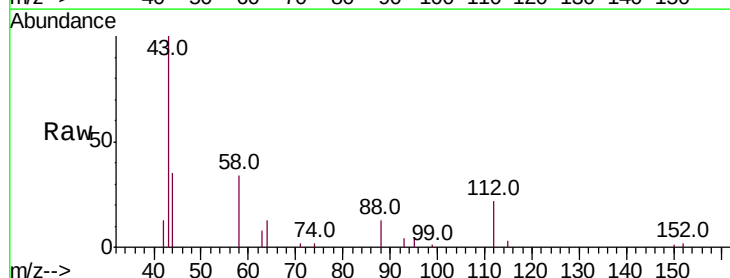
Tgt Ion: 112 Resp: 1836

Ion Ratio Lower Upper

112 100

64 59.1 46.6 70.0

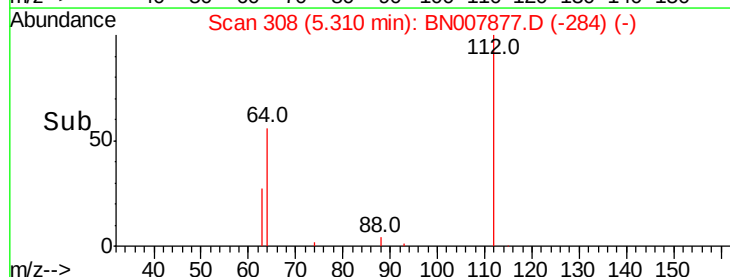
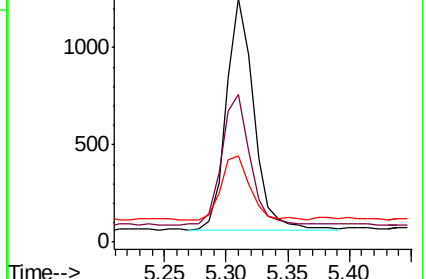
63 29.7 23.1 34.7

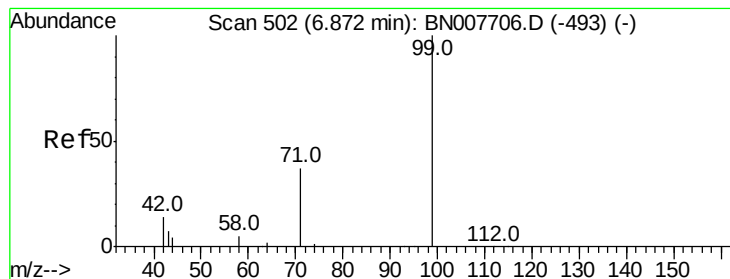


Abundance Ion 112.00 (111.70 to 112.70): BN007706.D (-302) (-)

Ion 64.00 (63.70 to 64.70): BN007706.D (-302) (-)

Ion 63.00 (62.70 to 63.70): BN007706.D (-302) (-)





#5

Phenol-d6

Concen: 0.029 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007877.D

Acq: 26 Sep 2019 06:18

Instrument :

BNA_N

ClientSampleId :

RE134D2-20190916DL

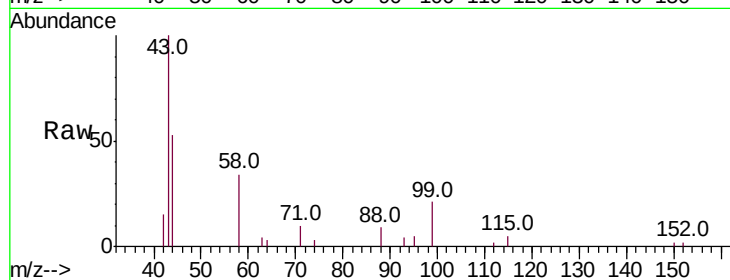
Tot Ion: 99 Resp: 1517

Ion Ratio Lower Upper

99 100

42 16.2 12.8 19.2

71 38.5 27.6 41.4



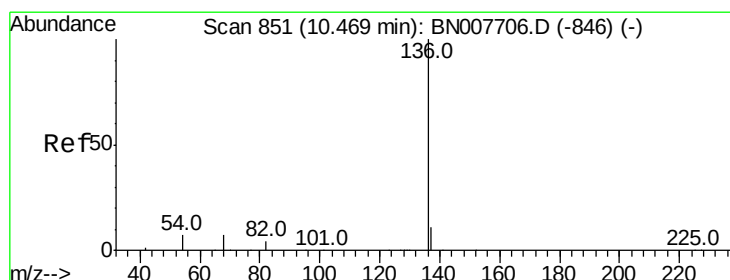
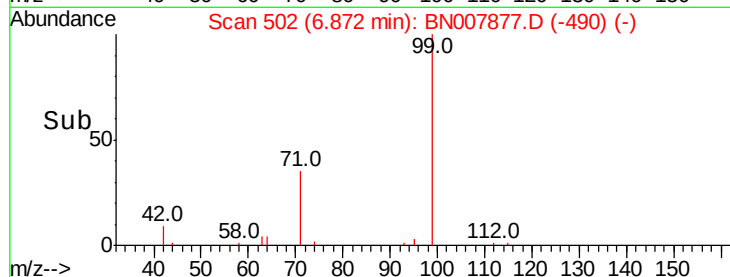
Abundance Ion 99.00 (98.70 to 99.70): BN007877.D (-835) (-)

Ion 42.00 (41.70 to 42.70): BN007877.D (-835) (-)

Ion 71.00 (70.70 to 71.70): BN007877.D (-835) (-)

6.87

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.46 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN007877.D

Acq: 26 Sep 2019 06:18

Tgt Ion: 136 Resp: 40604

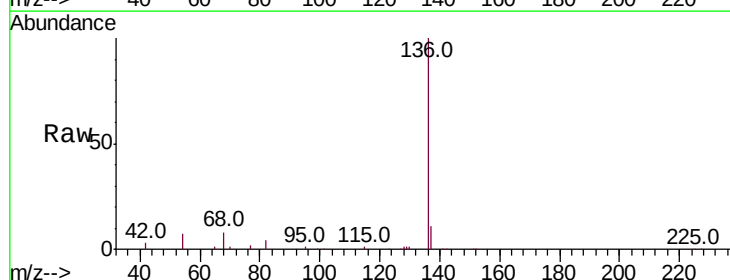
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 7.0 5.8 8.8

68 7.7 6.5 9.7



Abundance Ion 136.00 (135.70 to 136.70): BN007877.D (-835) (-)

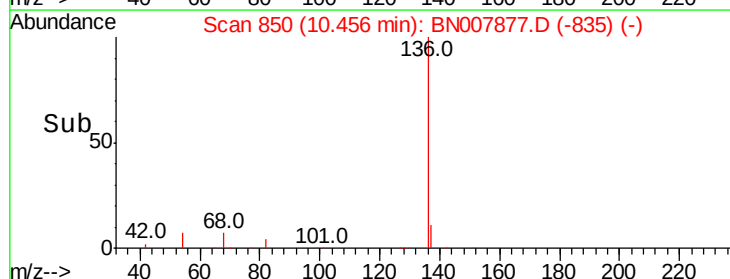
Ion 137.00 (136.70 to 137.70): BN007877.D (-835) (-)

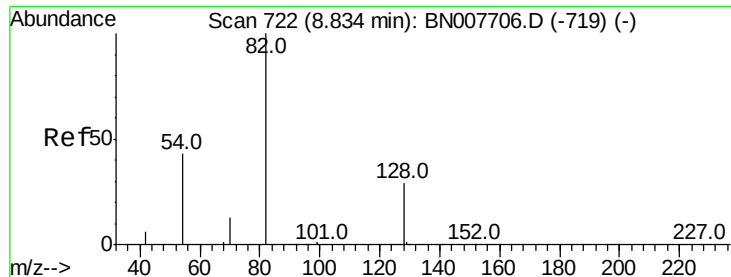
Ion 54.00 (53.70 to 54.70): BN007877.D (-835) (-)

Ion 68.00 (67.70 to 68.70): BN007877.D (-835) (-)

10.46

Time-->





#8

Nitrobenzene-d5

Concen: 0.158 ng

RT: 8.83 min Scan# 722

Delta R.T. 0.00 min

Lab File: BN007877.D

Acq: 26 Sep 2019 06:18

Instrument :

BNA_N

ClientSampleId :

RE134D2-20190916DL

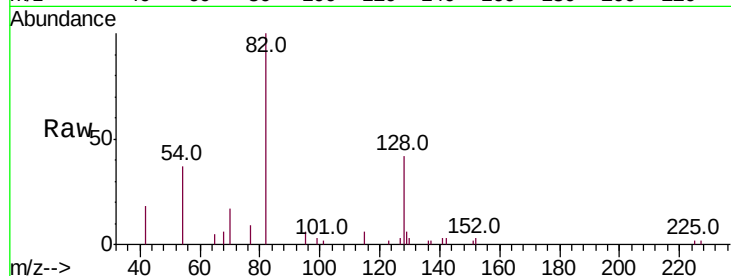
Tot Ion: 82 Resp: 5626

Ion Ratio Lower Upper

82 100

128 42.1 24.5 36.7#

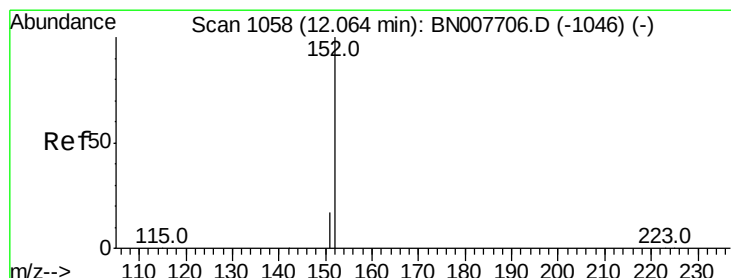
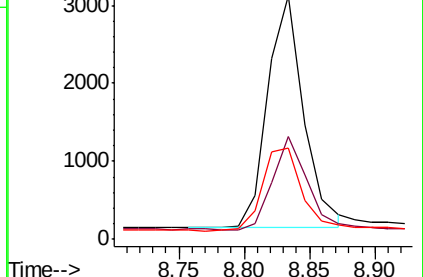
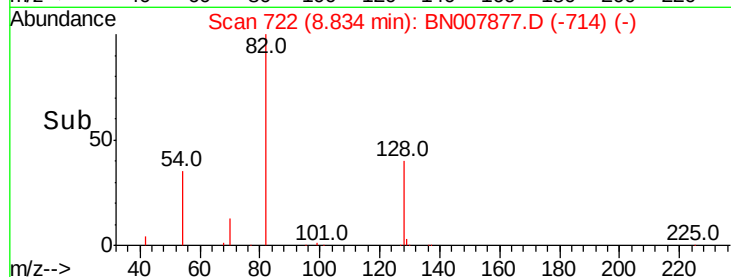
54 37.3 35.2 52.8



Abundance Ion 82.00 (81.70 to 82.70): BN007877.D (-714) (-)

Ion 128.00 (127.70 to 128.70): BN007877.D (-714) (-)

Ion 54.00 (53.70 to 54.70): BN007877.D (-714) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.160 ng

RT: 12.05 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BN007877.D

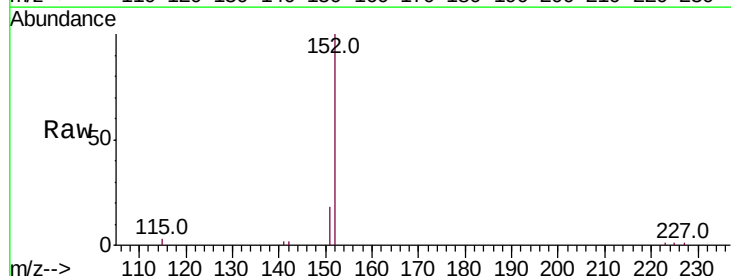
Acq: 26 Sep 2019 06:18

Tgt Ion: 152 Resp: 10972

Ion Ratio Lower Upper

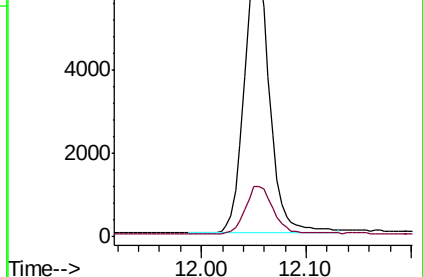
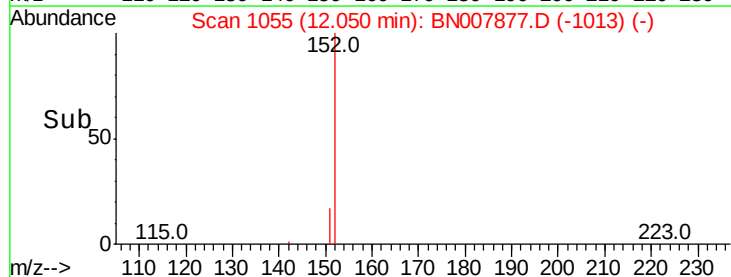
152 100

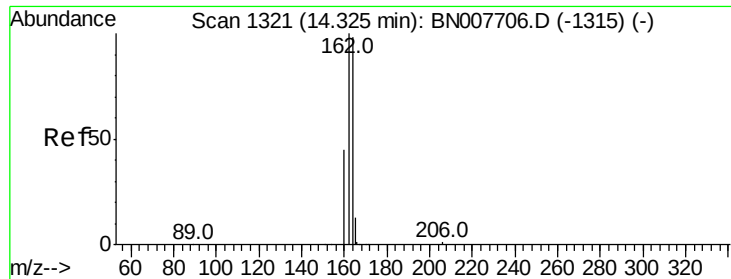
151 19.1 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): BN007877.D (-1013) (-)

Ion 151.00 (150.70 to 151.70): BN007877.D (-1013) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BN007877.D

Acq: 26 Sep 2019 06:18

Instrument :

BNA_N

ClientSampleId :

RE134D2-20190916DL

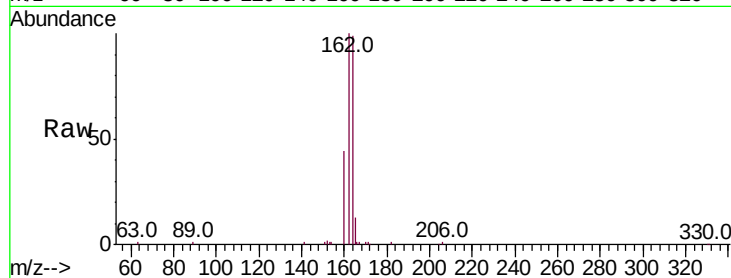
Tot Ion:164 Resp: 23141

Ion Ratio Lower Upper

164 100

162 101.5 81.7 122.5

160 45.1 37.0 55.4

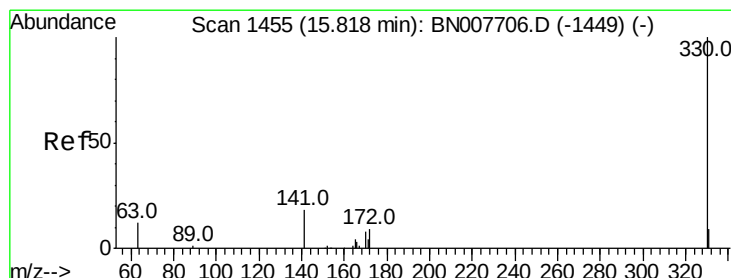
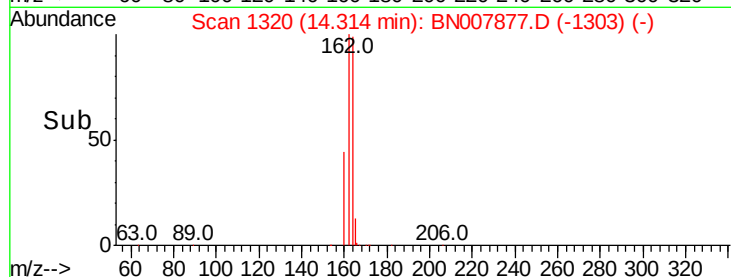
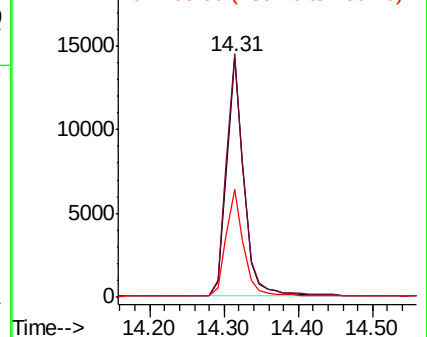


Abundance

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: 0.020 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BN007877.D

Acq: 26 Sep 2019 06:18

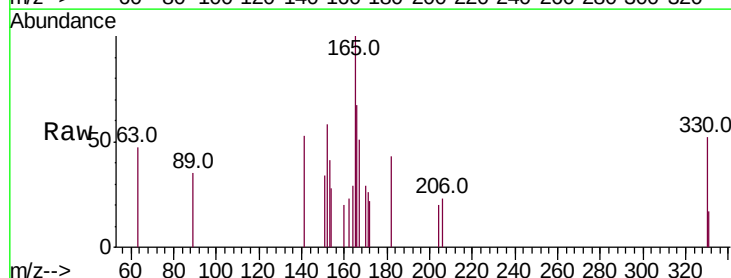
Tgt Ion:330 Resp: 251

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 38.6 28.7 43.1

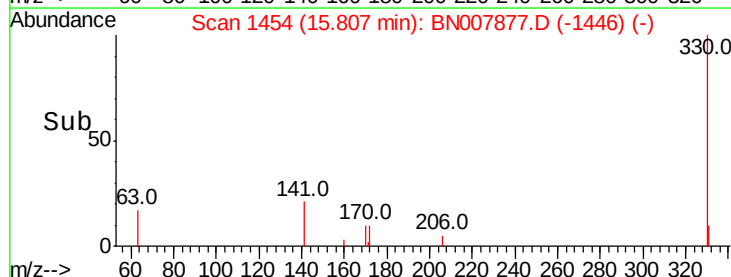
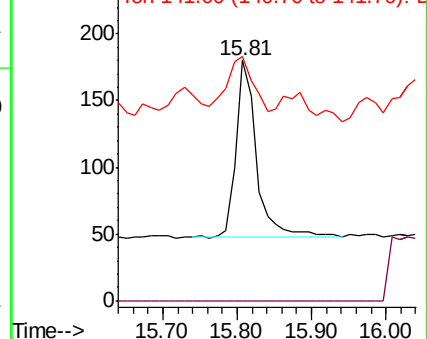


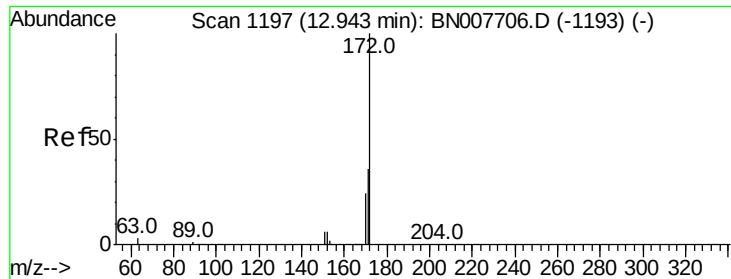
Abundance

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

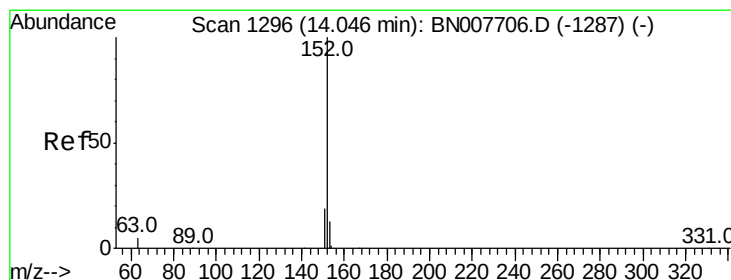
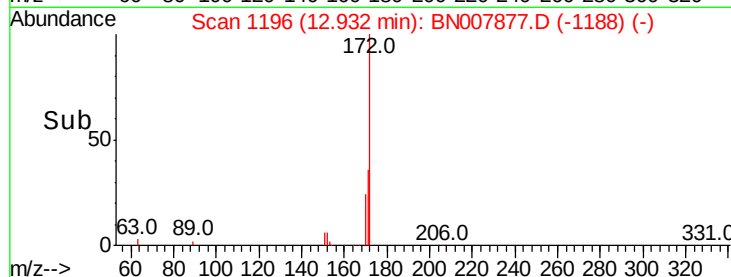
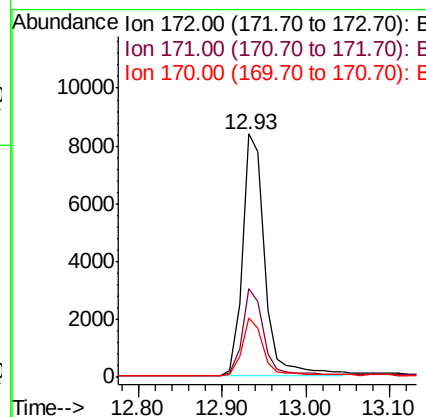
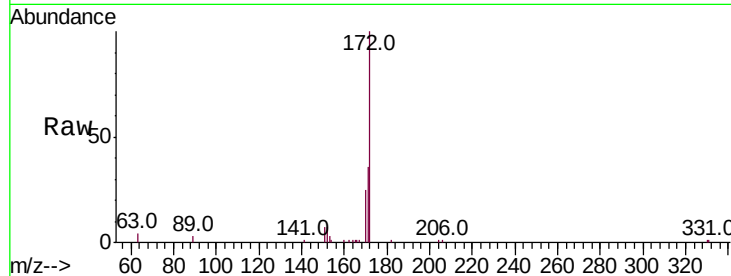




#15
2-Fluorobiphenyl
Concen: 0.162 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN007877.D
Acq: 26 Sep 2019 06:18

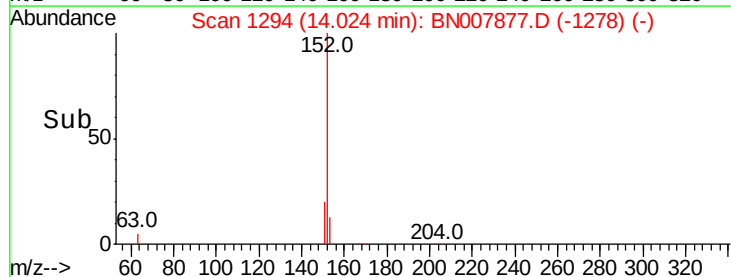
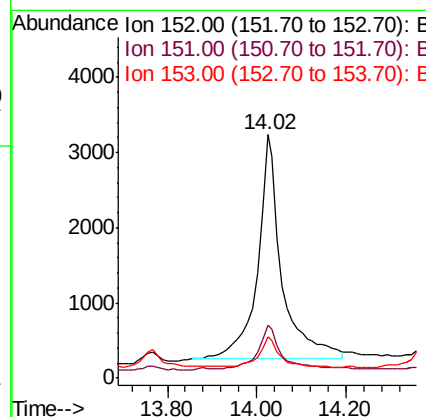
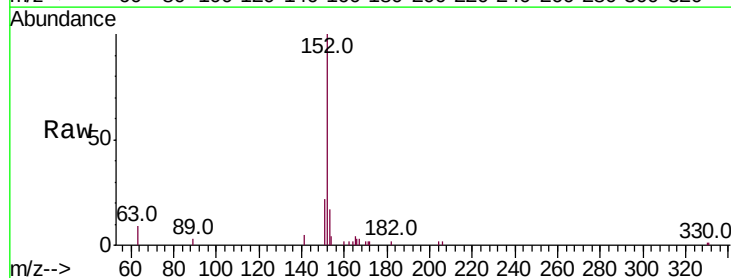
Instrument :
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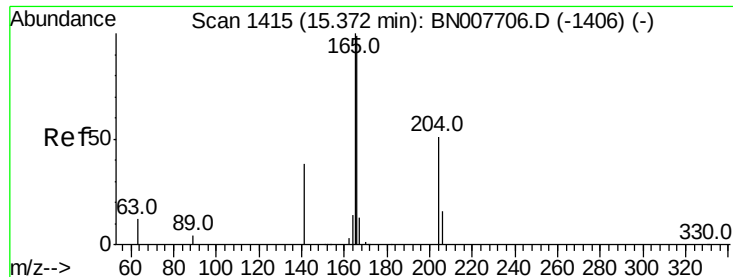
Tot Ion:172 Resp: 15480
Ion Ratio Lower Upper
172 100
171 36.2 28.8 43.2
170 24.6 19.5 29.3



#16
Acenaphthylene
Concen: 0.093 ng
RT: 14.02 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BN007877.D
Acq: 26 Sep 2019 06:18

Tgt Ion:152 Resp: 11409
Ion Ratio Lower Upper
152 100
151 18.4 15.5 23.3
153 11.9 10.4 15.6





#18

Fluorene

Concen: 0.021 ng

RT: 15.37 min Scan# 1415

Delta R.T. 0.00 min

Lab File: BN007877.D

Acq: 26 Sep 2019 06:18

Instrument :

BNA_N

ClientSampleId :

RE134D2-20190916DL

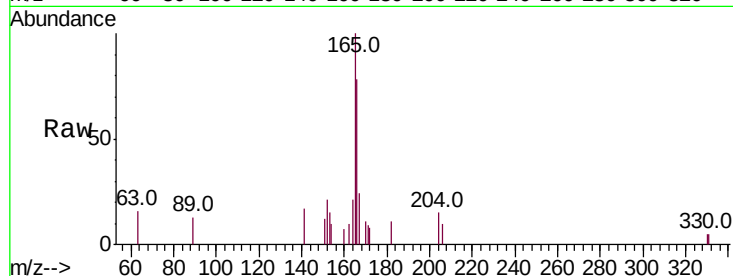
Tot Ion:166 Resp: 2079

Ion Ratio Lower Upper

166 100

165 0.0 78.0 117.0#

167 10.8 10.9 16.3#

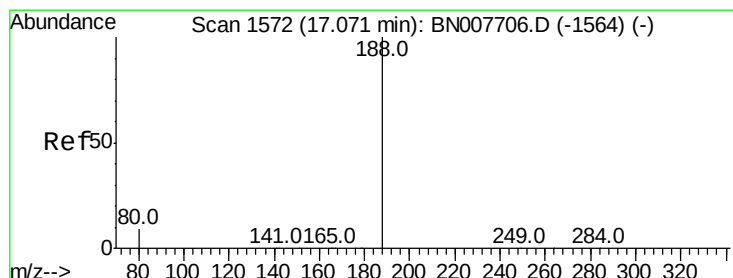
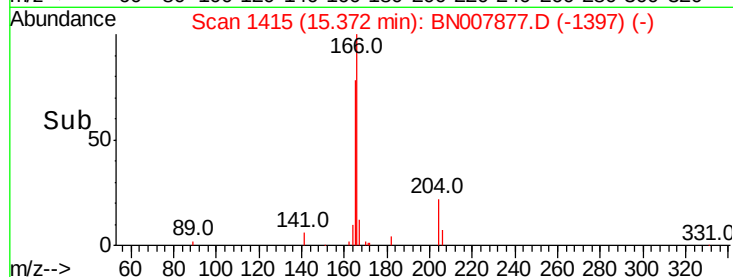
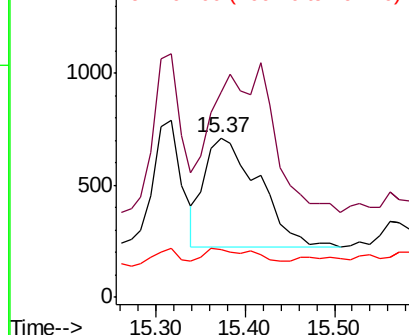


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.06 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BN007877.D

Acq: 26 Sep 2019 06:18

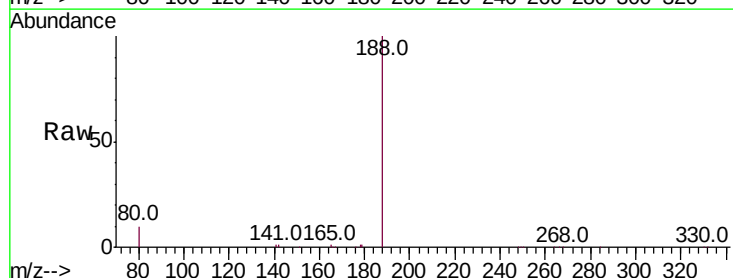
Tgt Ion:188 Resp: 46715

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.2 7.4 11.2

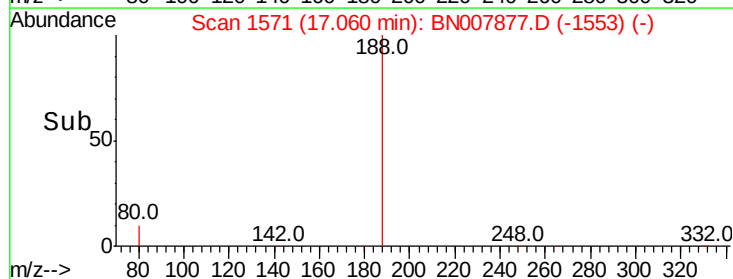
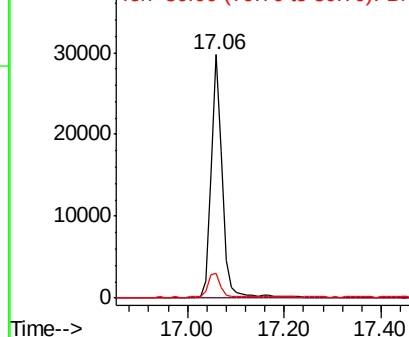


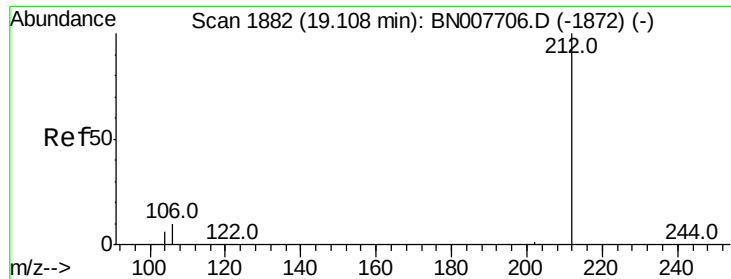
Abundance

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

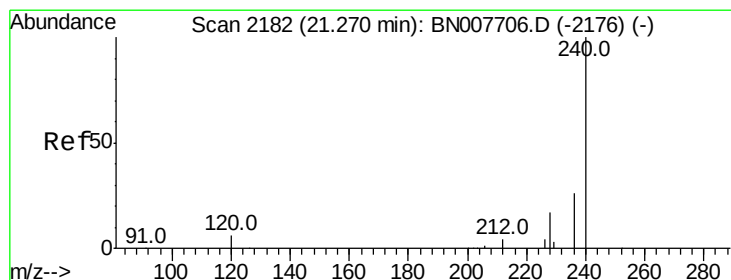
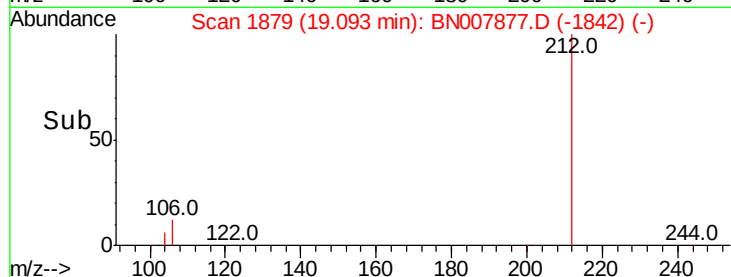
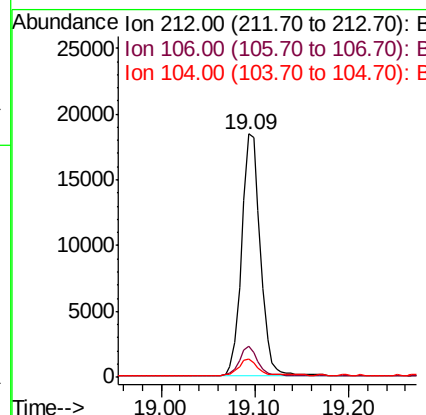
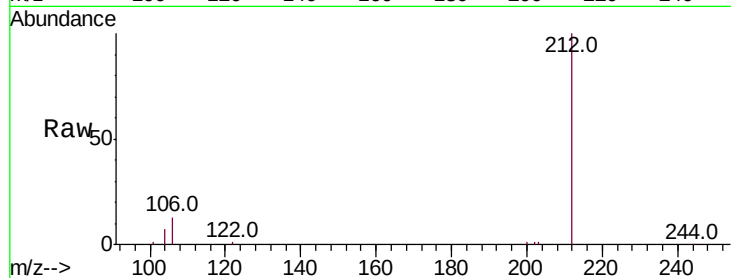




#25
 Fluoranthene-d10
 Concen: 0.161 ng
 RT: 19.09 min Scan# 1879
 Delta R.T. -0.01 min
 Lab File: BN007877.D
 Acq: 26 Sep 2019 06:18

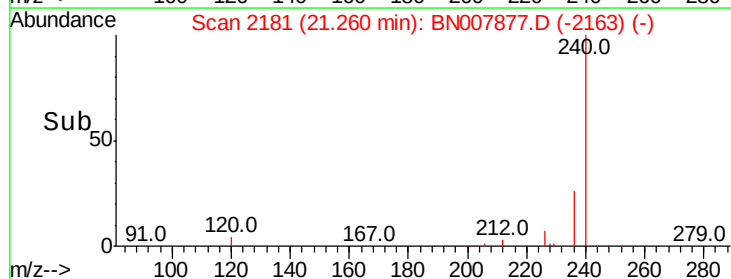
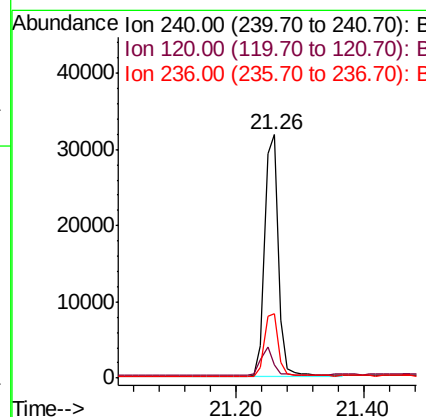
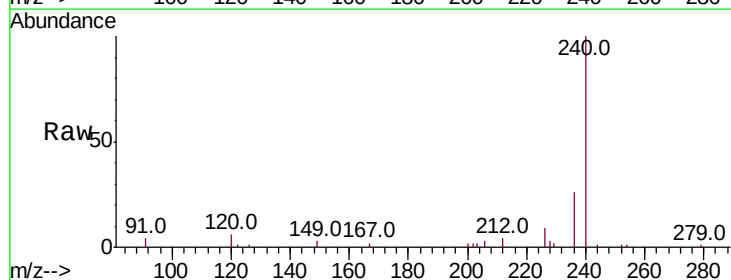
Instrument :
 BNA_N
 ClientSampleId :
 RE134D2-20190916DL

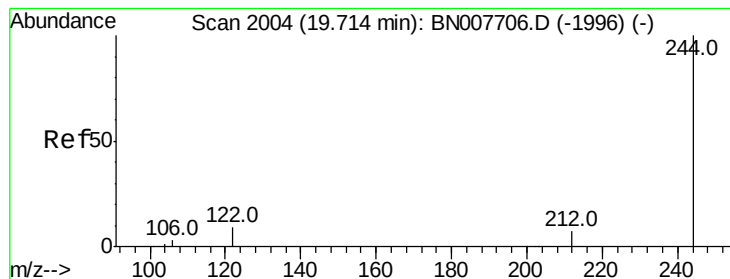
Tot Ion:212 Resp: 25399
 Ion Ratio Lower Upper
 212 100
 106 11.7 9.4 14.0
 104 6.8 5.3 7.9



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.26 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BN007877.D
 Acq: 26 Sep 2019 06:18

Tgt Ion:240 Resp: 47855
 Ion Ratio Lower Upper
 240 100
 120 5.6 5.4 8.2
 236 26.2 21.0 31.4





#29

Terphenyl-d14

Concen: 0.184 ng

RT: 19.70 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BN007877.D

Acq: 26 Sep 2019 06:18

Instrument :

BNA_N

ClientSampleId :

RE134D2-20190916DL

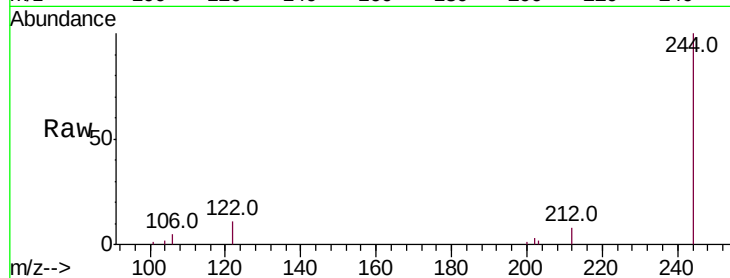
Tot Ion:244 Resp: 21678

Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

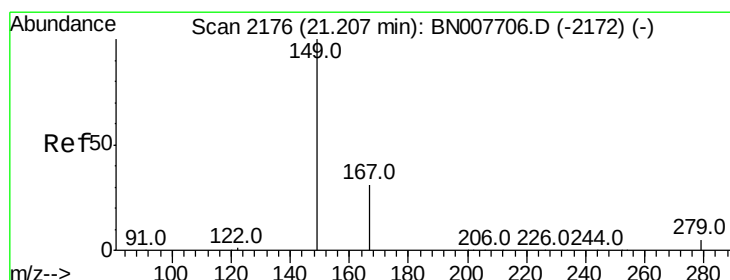
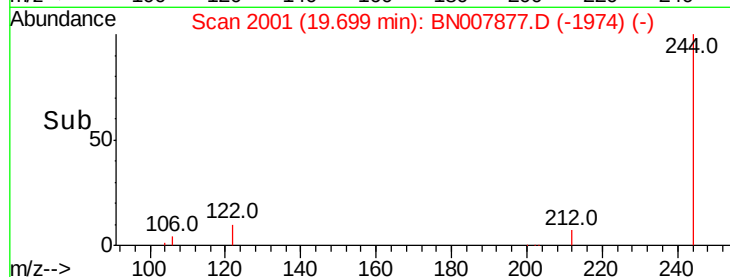
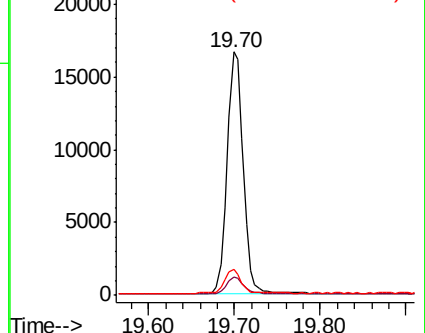
122 10.9 7.4 11.2



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: 0.044 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.02 min

Lab File: BN007877.D

Acq: 26 Sep 2019 06:18

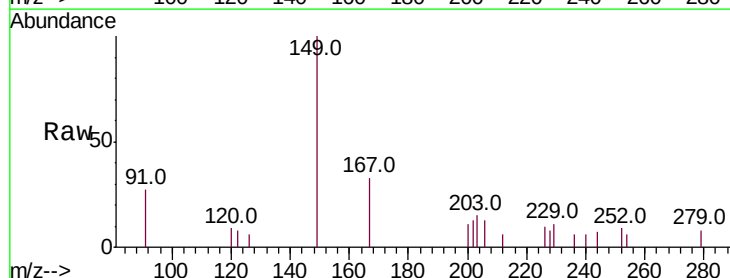
Tgt Ion:149 Resp: 3973

Ion Ratio Lower Upper

149 100

167 31.2 23.7 35.5

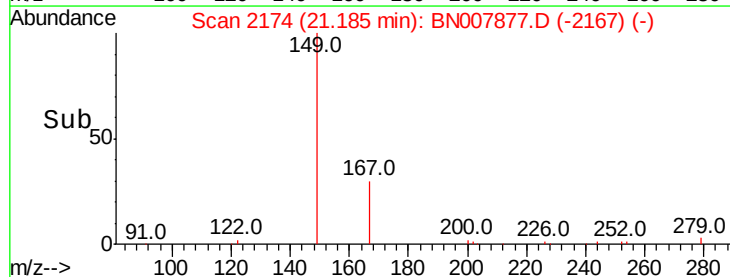
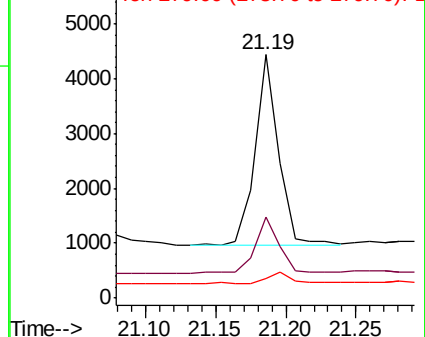
279 8.5 4.2 6.2#

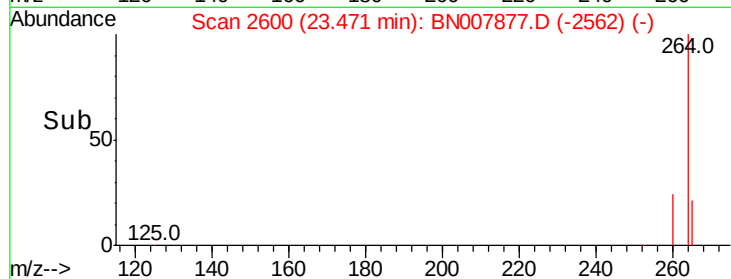
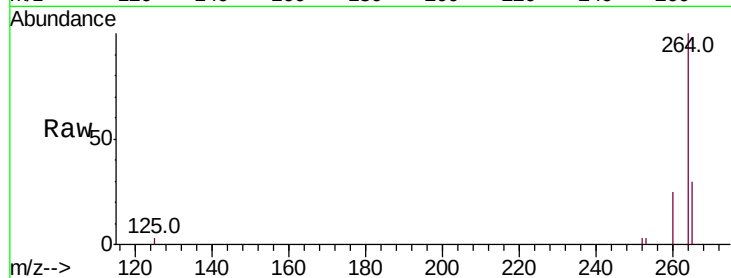
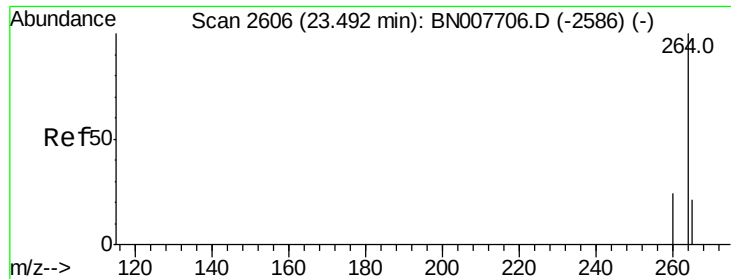


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2600
 Delta R.T. -0.02 min
 Lab File: BN007877.D
 Acq: 26 Sep 2019 06:18

Instrument :
 BNA_N
 ClientSampleId :
 RE134D2-20190916DL

Tot Ion:264 Resp: 53404
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.3 28.9
 265 30.0 26.9 40.3

