

Data Path : Z:\HPCHEM1\BNA N\DATA\BN041818\
 Data File : BN000752.D
 Acq On : 18 Apr 2018 22:33
 Operator : JU/SJ
 Sample : PB108302BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 19 04:15:56 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN041818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 18 16:58:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	159488	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	660677	20.00	ng	0.00
38) Acenaphthene-d10	14.26	164	322993	20.00	ng	0.00
63) Phenanthrene-d10	17.01	188	632410	20.00	ng	0.00
75) Chrysene-d12	21.21	240	477807	20.00	ng	-0.01
86) Perylene-d12	23.40	264	438624	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1385620	129.06	ng	0.00
7) Phenol-d6	6.82	99	1810230	123.73	ng	0.00
23) Nitrobenzene-d5	8.78	82	1049657	82.82	ng	0.00
41) 2,4,6-Tribromophenol	15.75	330	412447	126.84	ng	0.00
44) 2-Fluorobiphenyl	12.88	172	2027375	86.65	ng	0.00
78) Terphenyl-d14	19.66	244	2046070	92.33	ng	0.00

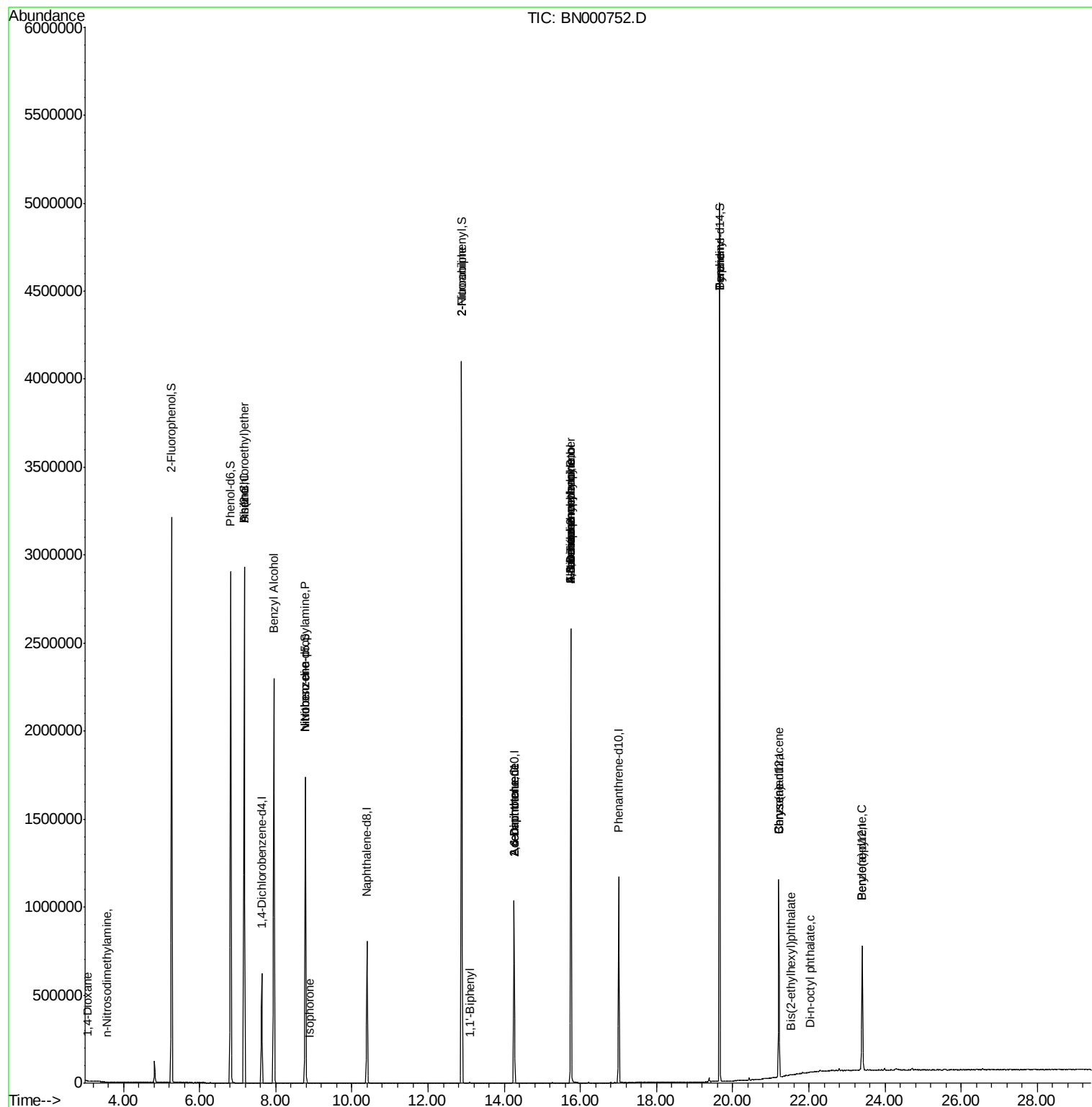
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.06	88	107	0.022	ng	# 1
4) n-Nitrosodimethylamine	3.56	42	107	0.030	ng	# 1
6) Aniline	7.17	93	1911	0.098	ng	# 1
9) Benzaldehyde	6.82	77	2531	Below Cal		# 5
10) Phenol	7.18	94	2966	0.192	ng	# 1
11) bis(2-Chloroethyl)ether	7.17	93	1911	0.151	ng	# 1
15) Benzyl Alcohol	7.95	79	18713	1.860	ng	# 43
19) n-Nitroso-di-n-propylamine	8.78	70	131793	14.480	ng	# 67
24) Nitrobenzene	8.78	77	2882	0.212	ng	# 43
25) Isophorone	8.90	82	118	0.005	ng	# 69
45) 1,1'-Biphenyl	13.09	154	4687	0.162	ng	# 97
47) 2-Nitroaniline	12.88	65	3408	0.542	ng	# 1
50) 2,6-Dinitrotoluene	14.26	165	41090	7.516	ng	# 20
51) Acenaphthene	14.26	154	1027	0.049	ng	# 5
56) 2,4-Dinitrotoluene	14.26	165	41090	5.741	ng	# 18
57) Fluorene	15.75	166	22250	0.923	ng	# 94
62) Azobenzene	15.75	77	2426	0.089	ng	# 3
64) 4,6-Dinitro-2-methylphenol	15.75	198	1208	0.309	ng	# 1
65) n-Nitrosodiphenylamine	15.75	169	15347	0.723	ng	# 43
66) 4-Bromophenyl-phenylether	15.75	248	28478	4.432	ng	# 1
76) Benzidine	19.66	184	31411	2.427	ng	# 93
77) Pyrene	19.66	202	7223	0.210	ng	# 68
80) Benzo(a)anthracene	21.22	228	1080	0.036	ng	# 50
82) Chrysene	21.22	228	1080	0.037	ng	# 49
83) Bis(2-ethylhexyl)phthalate	21.53	149	109	0.005	ng	# 50
84) Di-n-octyl phthalate	22.03	149	116	0.004	ng	# 74
89) Benzo(a)pyrene	23.41	252	1390	0.057	ng	# 47

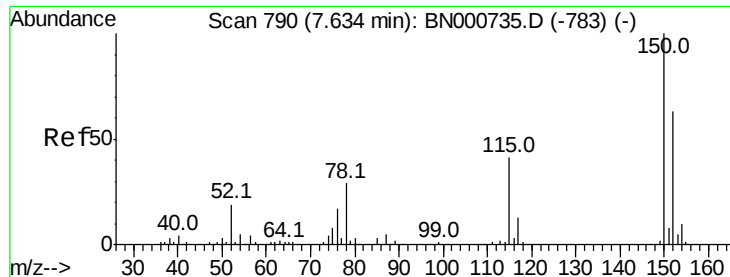
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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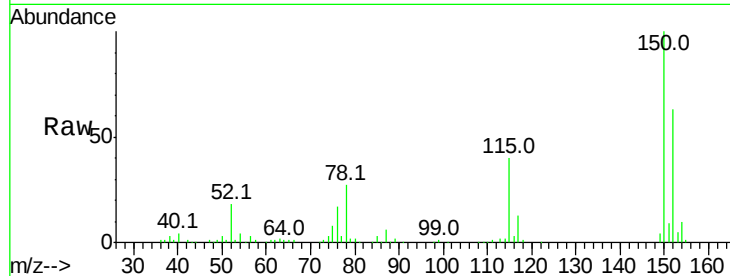


#1

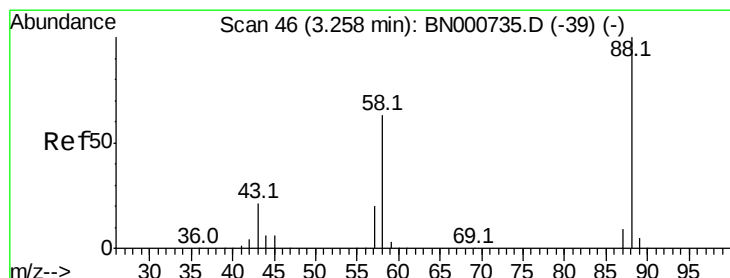
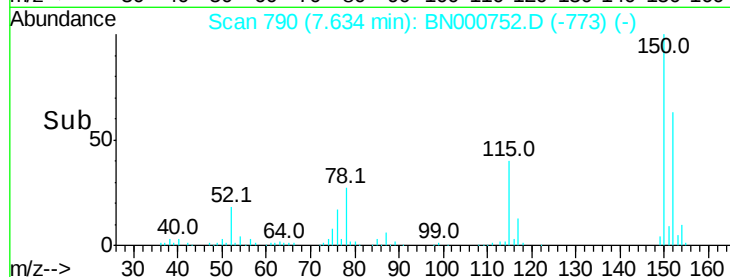
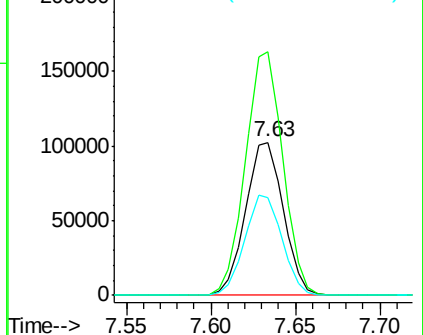
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 790
Delta R.T. -0.00 min
Lab File: BN000752.D
Acq: 18 Apr 2018 22:33

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 159488
Ion Ratio Lower Upper
152 100
150 158.9 126.6 189.8
115 64.1 53.0 79.4



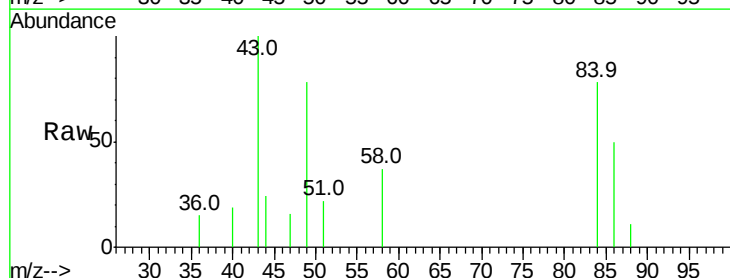
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



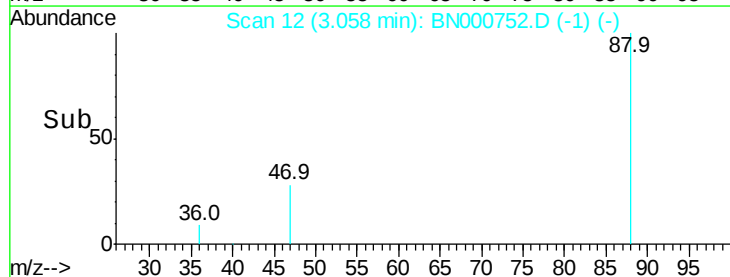
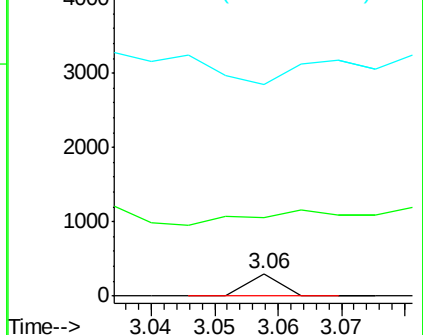
#2

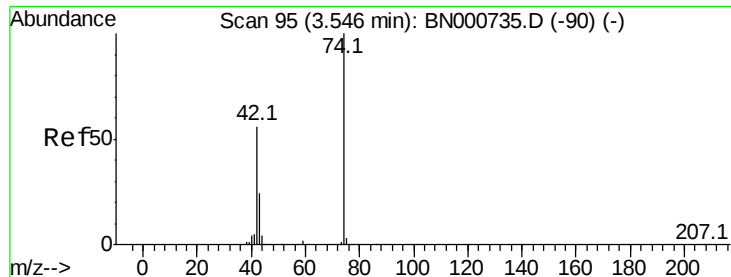
1,4-Dioxane
Concen: 0.022 ng
RT: 3.06 min Scan# 12
Delta R.T. -0.20 min
Lab File: BN000752.D
Acq: 18 Apr 2018 22:33

Tgt Ion: 88 Resp: 107
Ion Ratio Lower Upper
88 100
58 229.0 52.0 78.0#
43 0.0 20.0 30.0#



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





#4

n-Nitrosodimethylamine

Concen: 0.030 ng

RT: 3.56 min Scan# 98

Delta R.T. 0.02 min

Lab File: BN000752.D

Acq: 18 Apr 2018 22:33

Instrument :

BNA_N

ClientSampleId :

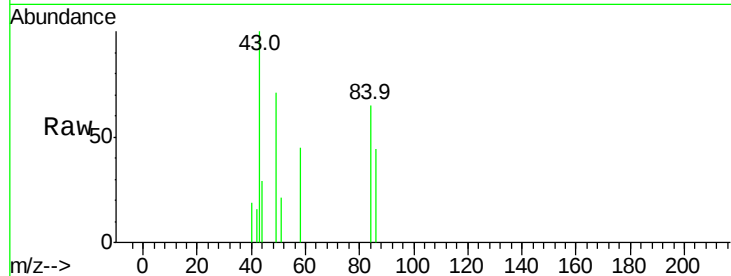
Tot Ion: 42 Resp: 107

Ion Ratio Lower Upper

42 100

74 0.0 128.0 192.0#

44 179.6 12.0 18.0#

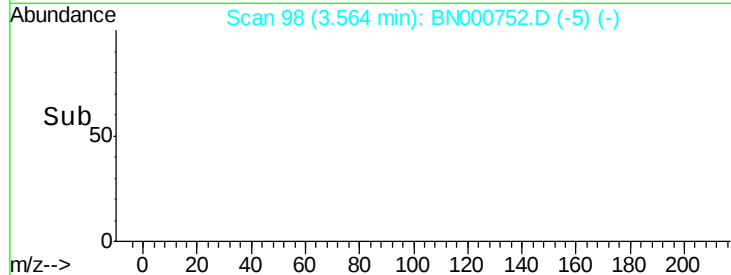


Abundance Ion 42.00 (41.70 to 42.70): BN000735.D (-90) (-)

Ion 74.00 (73.70 to 74.70): BN000735.D (-90) (-)

Ion 44.00 (43.70 to 44.70): BN000735.D (-90) (-)

Time-->

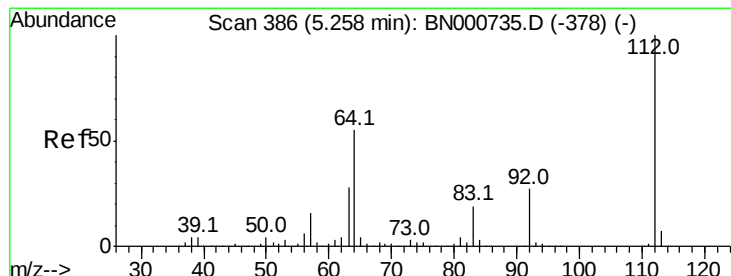


Abundance Ion 42.00 (41.70 to 42.70): BN000752.D (-5) (-)

Ion 74.00 (73.70 to 74.70): BN000752.D (-5) (-)

Ion 44.00 (43.70 to 44.70): BN000752.D (-5) (-)

Time-->



#5

2-Fluorophenol

Concen: 129.058 ng

RT: 5.26 min Scan# 387

Delta R.T. 0.01 min

Lab File: BN000752.D

Acq: 18 Apr 2018 22:33

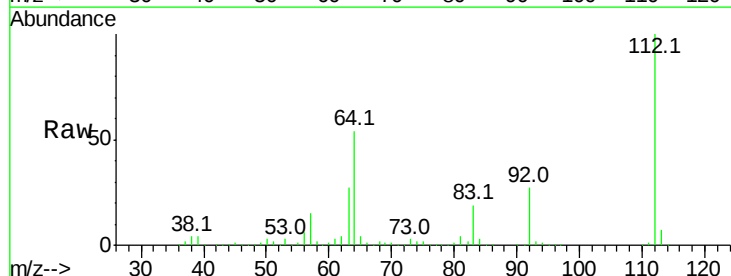
Tgt Ion: 112 Resp: 1385620

Ion Ratio Lower Upper

112 100

64 54.2 56.3 84.5#

63 27.0 30.1 45.1#

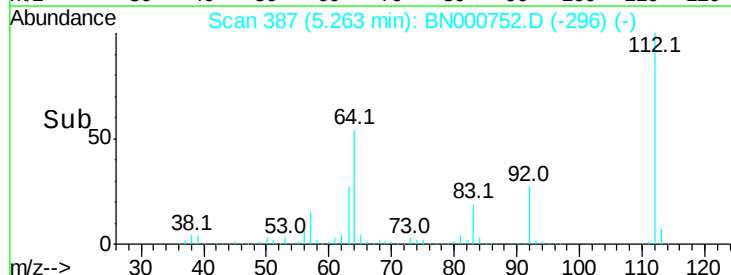


Abundance Ion 112.00 (111.70 to 112.70): BN000735.D (-378) (-)

Ion 64.00 (63.70 to 64.70): BN000735.D (-378) (-)

Ion 63.00 (62.70 to 63.70): BN000735.D (-378) (-)

Time-->

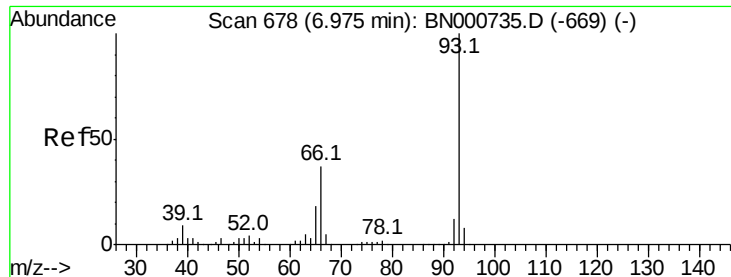


Abundance Ion 112.00 (111.70 to 112.70): BN000752.D (-296) (-)

Ion 64.00 (63.70 to 64.70): BN000752.D (-296) (-)

Ion 63.00 (62.70 to 63.70): BN000752.D (-296) (-)

Time-->



#6

Aniline

Concen: 0.098 ng

RT: 7.17 min Scan# 711

Delta R.T. 0.19 min

Lab File: BN000752.D

Acq: 18 Apr 2018 22:33

Instrument :

BNA_N

ClientSampleId :

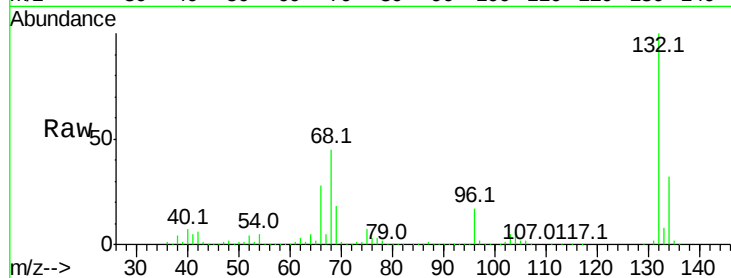
Tot Ion: 93 Resp: 1911

Ion Ratio Lower Upper

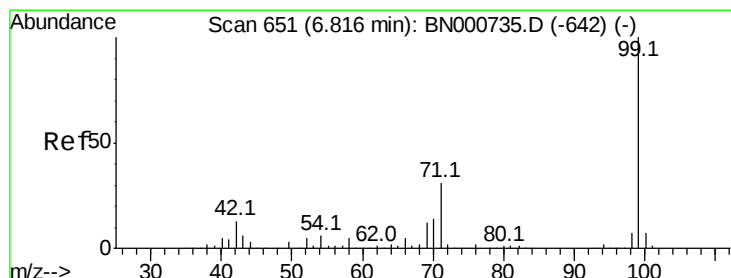
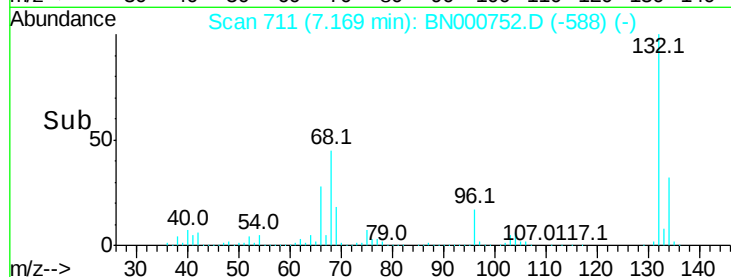
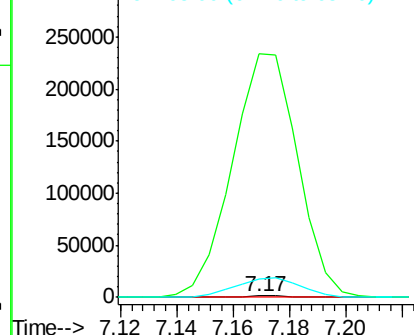
93 100

66 17377.5 33.7 50.5#

65 1294.3 16.1 24.1#



Abundance Ion 93.00 (92.70 to 93.70): BNC
Ion 66.00 (65.70 to 66.70): BNC
Ion 65.00 (64.70 to 65.70): BNC



#7

Phenol-d6

Concen: 123.727 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.00 min

Lab File: BN000752.D

Acq: 18 Apr 2018 22:33

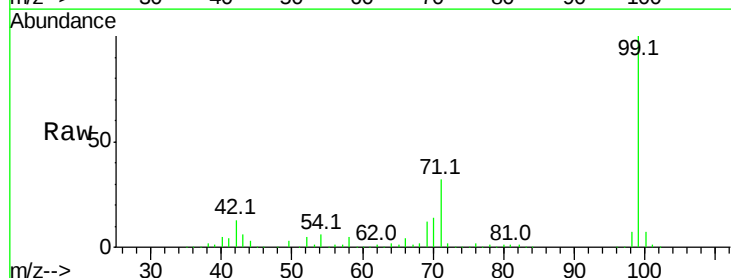
Tgt Ion: 99 Resp: 1810230

Ion Ratio Lower Upper

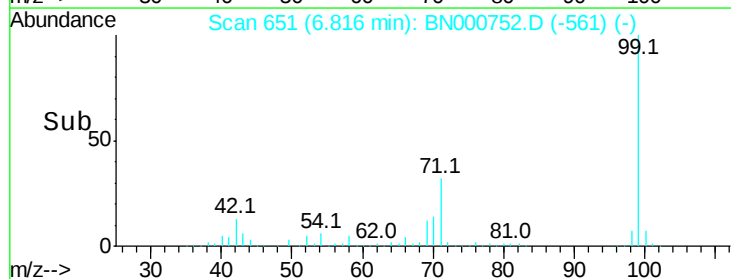
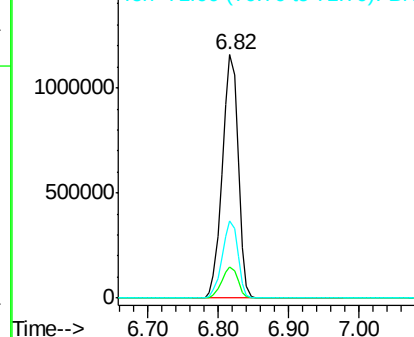
99 100

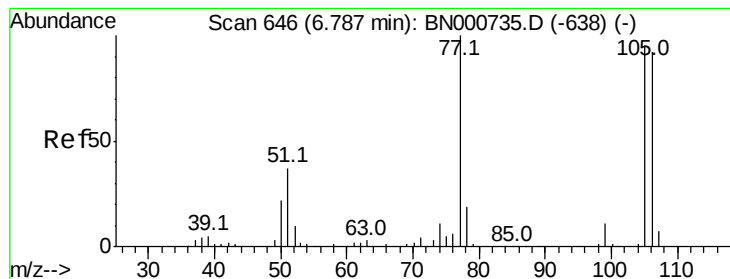
42 12.9 14.1 21.1#

71 31.9 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BNC
Ion 42.00 (41.70 to 42.70): BNC
Ion 71.00 (70.70 to 71.70): BNC





#9

Benzaldehyde

Concen: Below Cal

RT: 6.82 min Scan# 651

Delta R.T. 0.03 min

Lab File: BN000752.D

Acq: 18 Apr 2018 22:33

Instrument :

BNA_N

ClientSampleId :

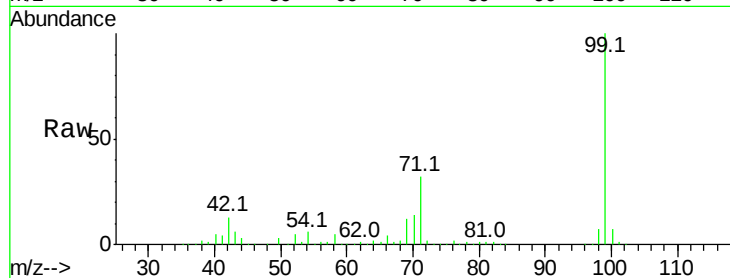
Tot Ion: 77 Resp: 2531

Ion Ratio Lower Upper

77 100

105 0.0 71.3 111.3#

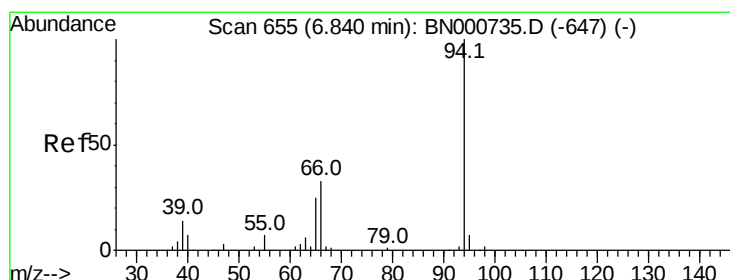
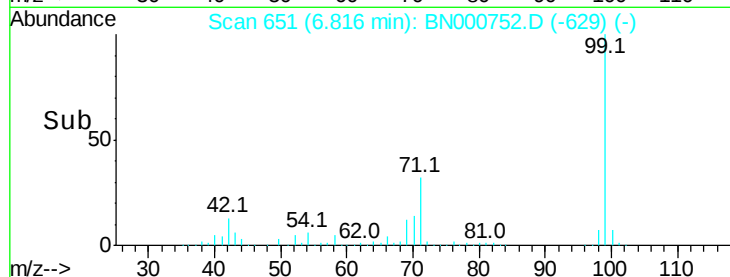
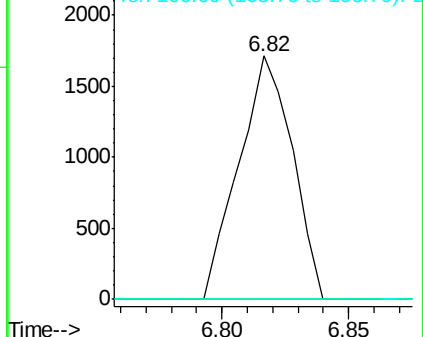
106 0.0 64.2 104.2#



Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 105.00 (104.70 to 105.70): BNC

Ion 106.00 (105.70 to 106.70): BNC



#10

Phenol

Concen: 0.192 ng

RT: 7.18 min Scan# 712

Delta R.T. 0.34 min

Lab File: BN000752.D

Acq: 18 Apr 2018 22:33

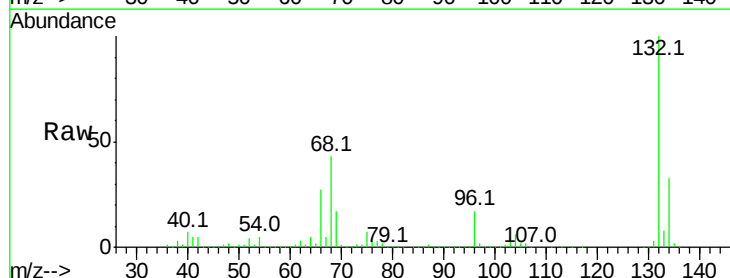
Tgt Ion: 94 Resp: 2966

Ion Ratio Lower Upper

94 100

65 973.9 11.9 51.9#

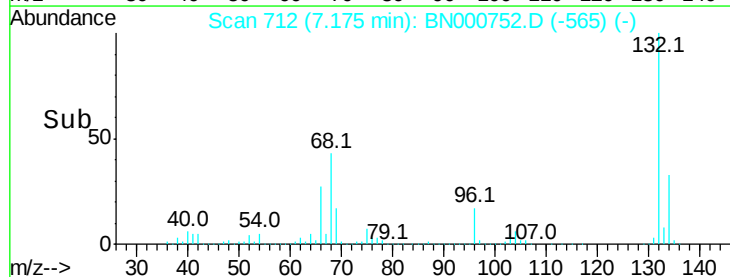
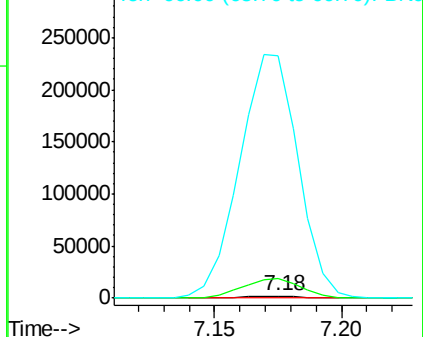
66 12250.9 22.2 62.2#

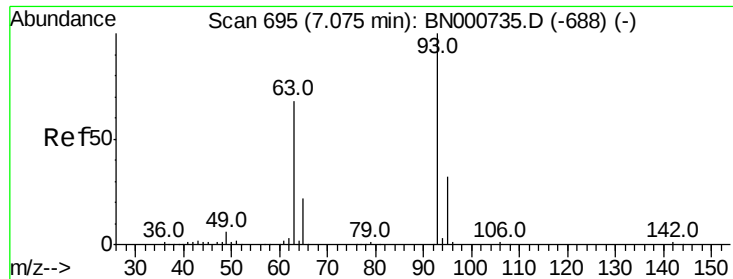


Abundance Ion 94.00 (93.70 to 94.70): BNC

Ion 65.00 (64.70 to 65.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

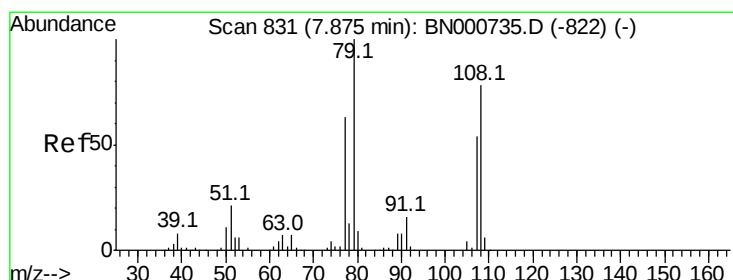
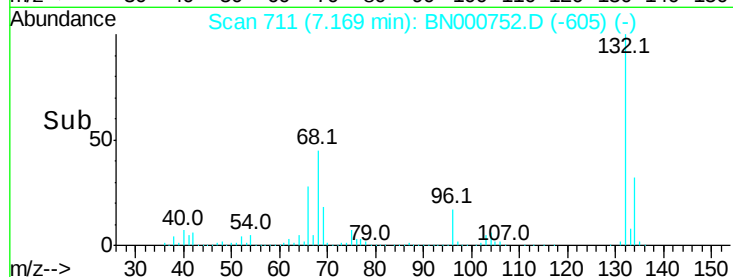
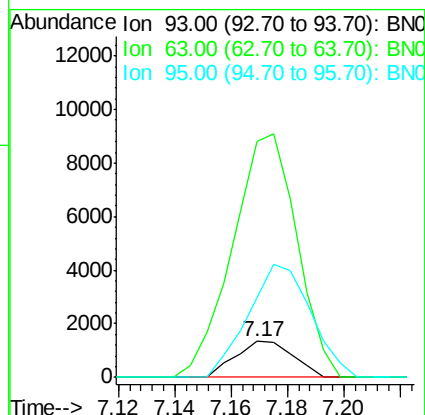
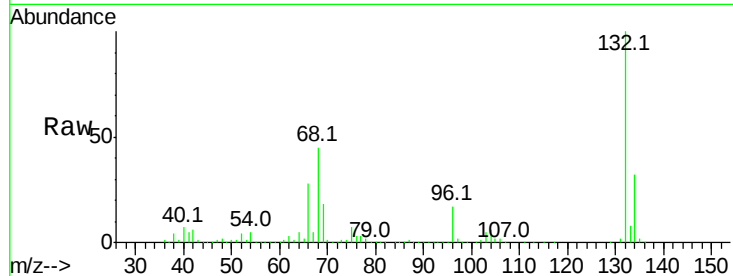




#11
bis(2-Chloroethyl)ether
Concen: 0.151 ng
RT: 7.17 min Scan# 711
Delta R.T. 0.09 min
Lab File: BN000752.D
Acq: 18 Apr 2018 22:33

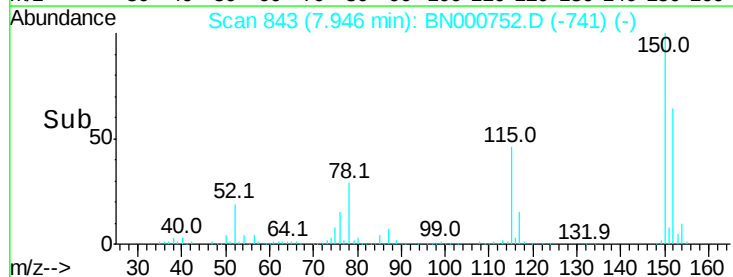
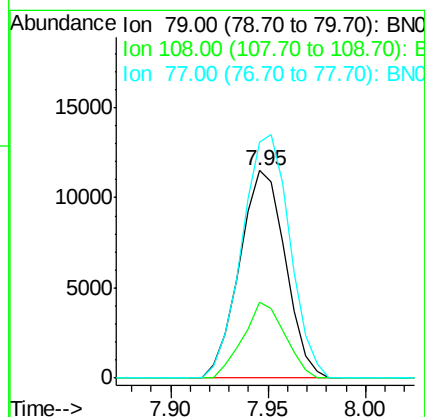
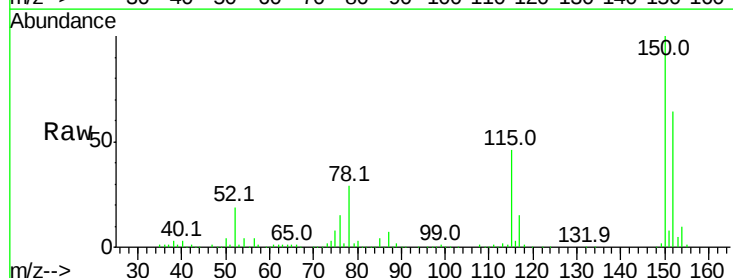
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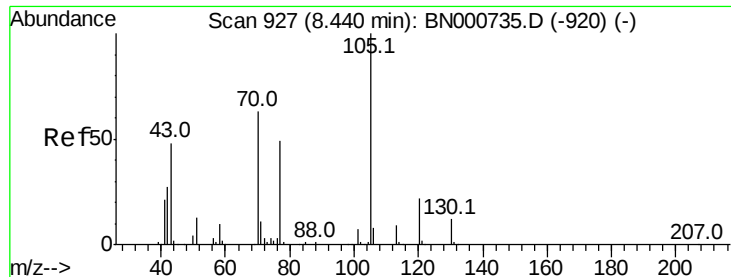
Tot Ion: 93 Resp: 1911
Ion Ratio Lower Upper
93 100
63 656.2 67.1 107.1#
95 220.7 11.5 51.5#



#15
Benzyl Alcohol
Concen: 1.860 ng
RT: 7.95 min Scan# 843
Delta R.T. 0.07 min
Lab File: BN000752.D
Acq: 18 Apr 2018 22:33

Tgt Ion: 79 Resp: 18713
Ion Ratio Lower Upper
79 100
108 36.4 57.2 85.8#
77 113.8 46.1 69.1#

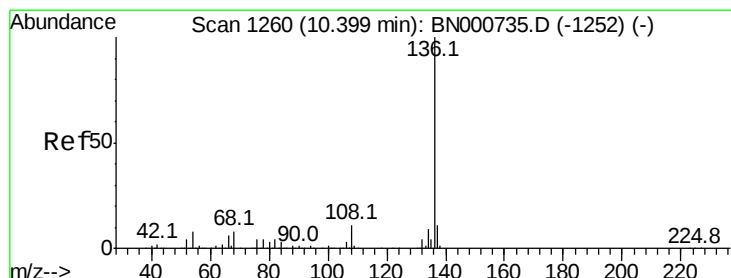
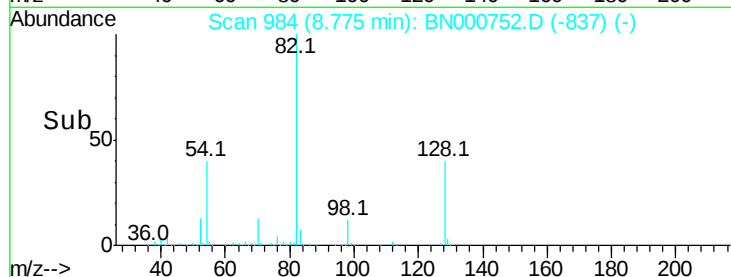
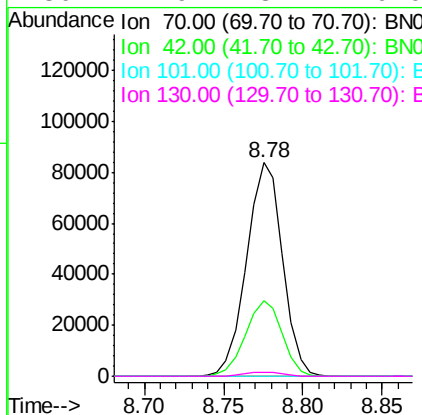
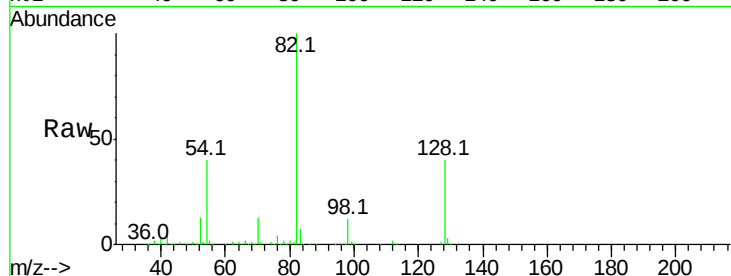




#19
 n-Nitroso-di-n-propylamine
 Concen: 14.480 ng
 RT: 8.78 min Scan# 984
 Delta R.T. 0.34 min
 Lab File: BN000752.D
 Acq: 18 Apr 2018 22:33

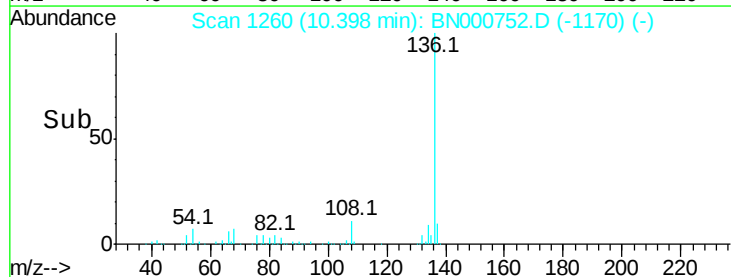
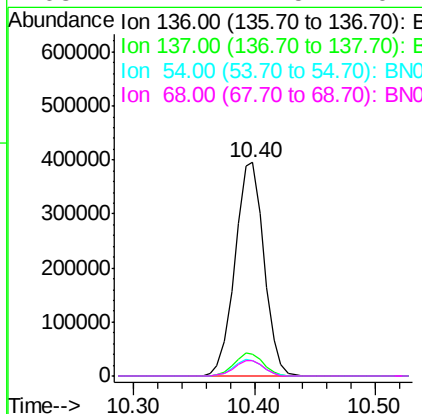
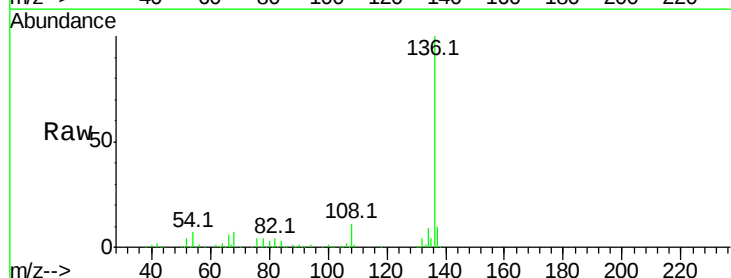
Instrument :
 BNA_N
 ClientSampleId :

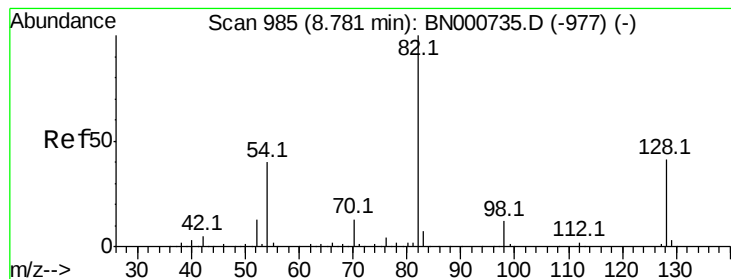
Tot Ion: 70 Resp: 131793
 Ion Ratio Lower Upper
 70 100
 42 35.4 49.1 73.7#
 101 0.0 8.5 12.7#
 130 1.9 13.4 20.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.40 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: BN000752.D
 Acq: 18 Apr 2018 22:33

Tgt Ion: 136 Resp: 660677
 Ion Ratio Lower Upper
 136 100
 137 10.3 9.2 13.8
 54 7.4 10.3 15.5#
 68 7.2 4.5 6.7#





#23

Nitrobenzene-d5

Concen: 82.823 ng

RT: 8.78 min Scan# 984

Delta R.T. -0.01 min

Lab File: BN000752.D

Acq: 18 Apr 2018 22:33

Instrument :

BNA_N

ClientSampleId :

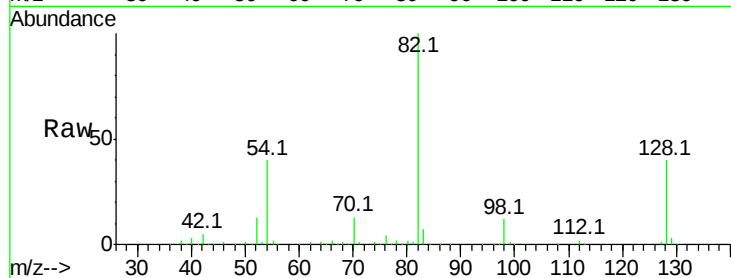
Tot Ion: 82 Resp: 1049657

Ion Ratio Lower Upper

82 100

128 40.4 29.7 44.5

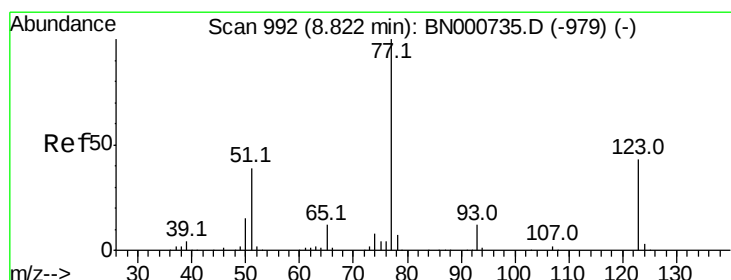
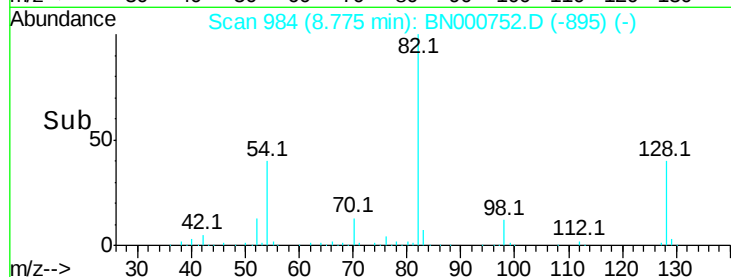
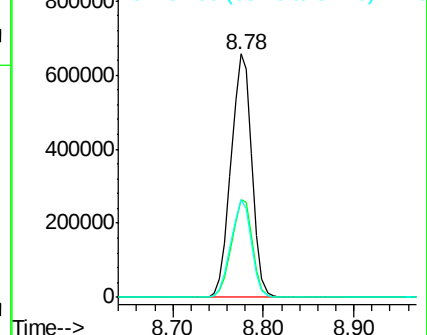
54 39.9 43.1 64.7#



Abundance Ion 82.00 (81.70 to 82.70): BN0

Ion 128.00 (127.70 to 128.70): BN0

Ion 54.00 (53.70 to 54.70): BN0



#24

Nitrobenzene

Concen: 0.212 ng

RT: 8.78 min Scan# 984

Delta R.T. -0.05 min

Lab File: BN000752.D

Acq: 18 Apr 2018 22:33

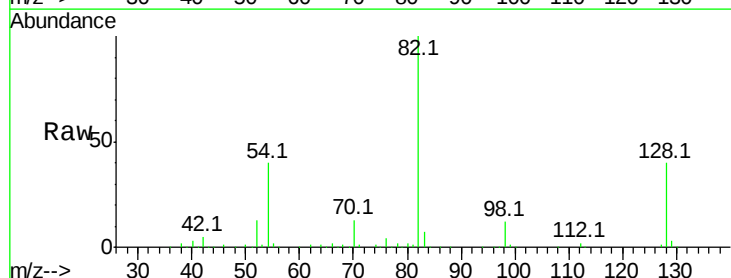
Tgt Ion: 77 Resp: 2882

Ion Ratio Lower Upper

77 100

123 0.0 33.0 49.6#

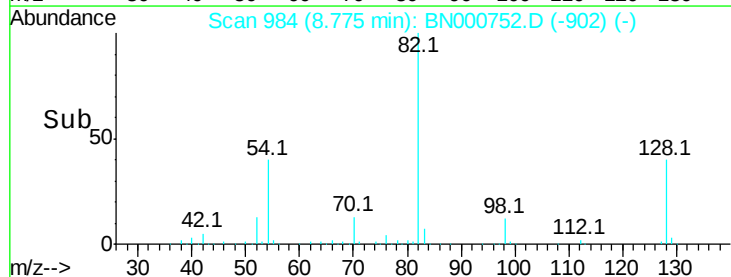
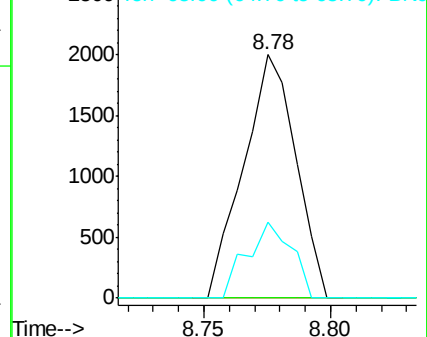
65 31.1 13.0 19.6#

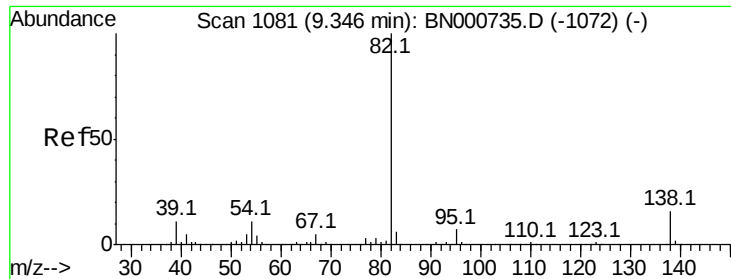


Abundance Ion 77.00 (76.70 to 77.70): BN0

Ion 123.00 (122.70 to 123.70): BN0

Ion 65.00 (64.70 to 65.70): BN0





#25

Isophorone

Concen: 0.005 ng

RT: 8.90 min Scan# 1005

Delta R.T. -0.45 min

Lab File: BN000752.D

Acq: 18 Apr 2018 22:33

Instrument :

BNA_N

ClientSampleId :

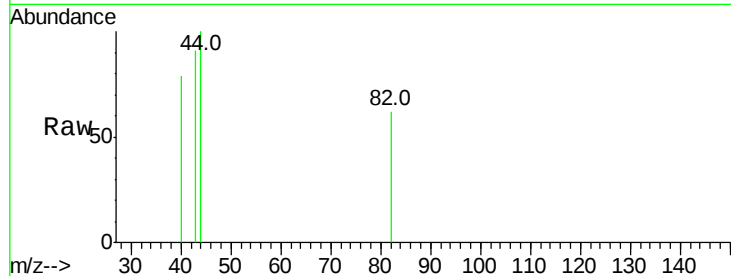
Tot Ion: 82 Resp: 118

Ion Ratio Lower Upper

82 100

95 0.0 6.2 9.2#

138 0.0 12.1 18.1#

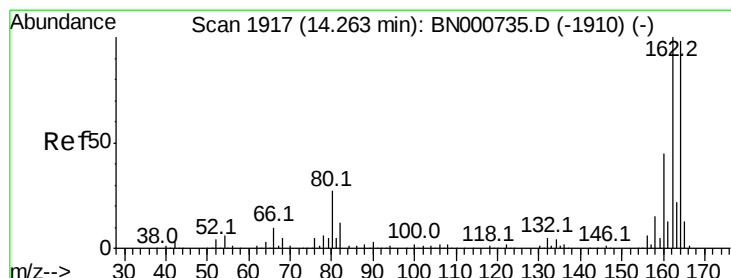
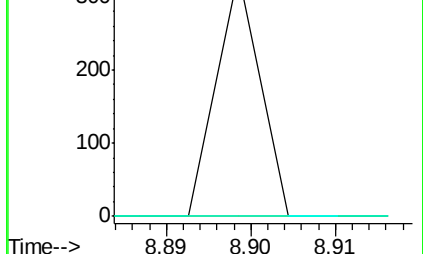
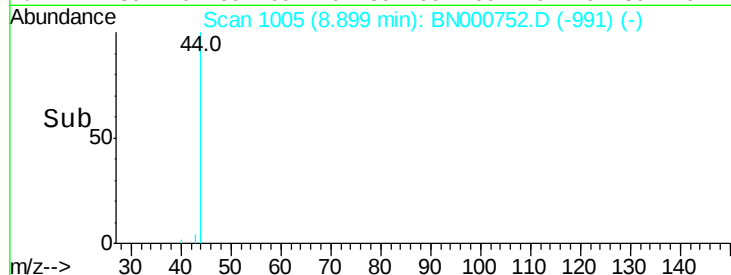


Abundance Ion 82.00 (81.70 to 82.70): BN000735.D (-1072) (-)

Ion 95.00 (94.70 to 95.70): BN000735.D (-1072) (-)

Ion 138.00 (137.70 to 138.70): BN000735.D (-1072) (-)

Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.26 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BN000752.D

Acq: 18 Apr 2018 22:33

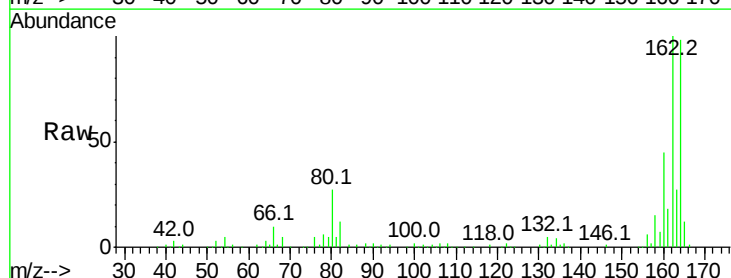
Tgt Ion: 164 Resp: 322993

Ion Ratio Lower Upper

164 100

162 101.9 78.8 118.2

160 45.8 35.4 53.0

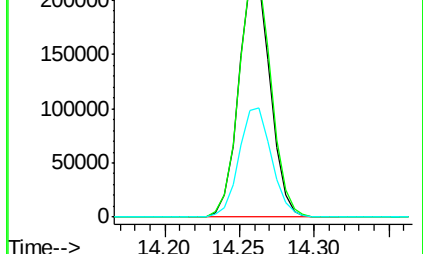
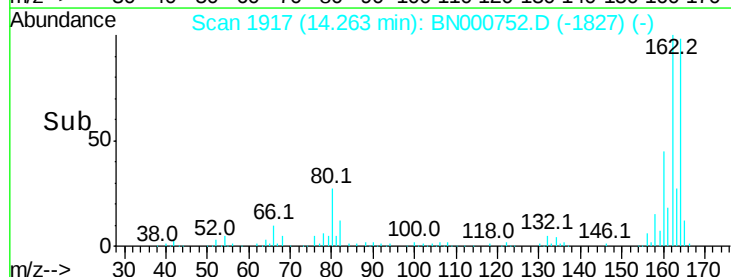


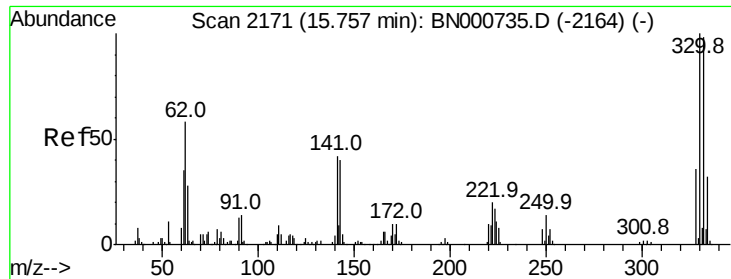
Abundance Ion 164.00 (163.70 to 164.70): BN000735.D (-1910) (-)

Ion 162.00 (161.70 to 162.70): BN000735.D (-1910) (-)

Ion 160.00 (159.70 to 160.70): BN000735.D (-1910) (-)

Time-->

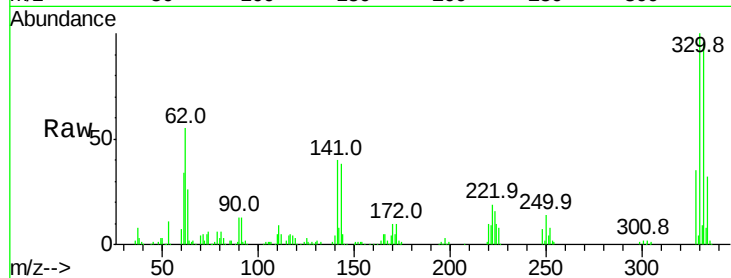




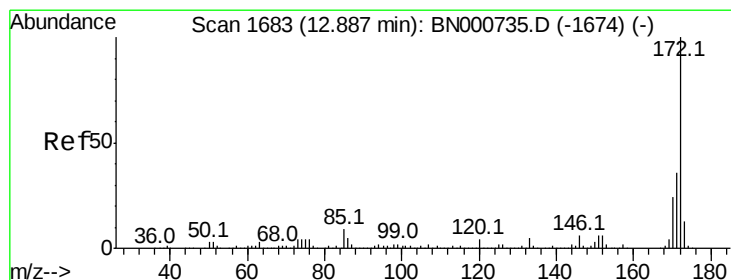
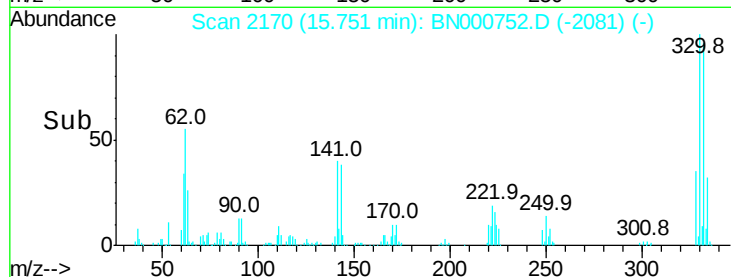
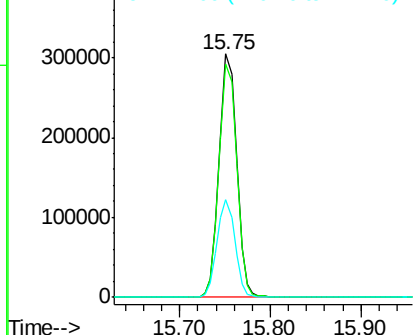
#41
 2,4,6-Tribromophenol
 Concen: 126.844 ng
 RT: 15.75 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: BN000752.D
 Acq: 18 Apr 2018 22:33

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:330 Resp: 412447
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 40.8 25.2 37.8#

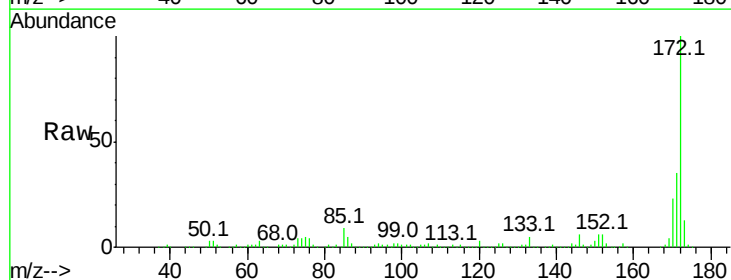


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

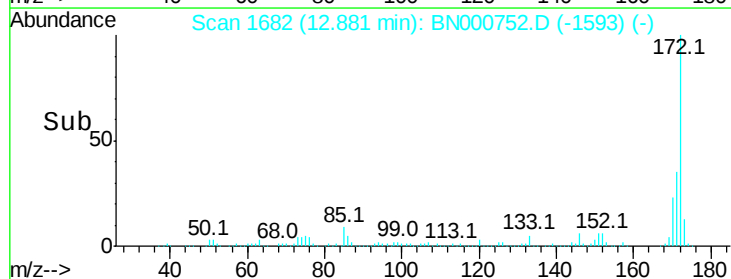
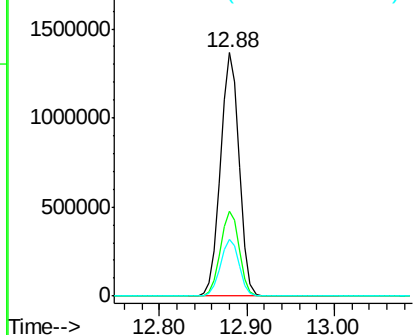


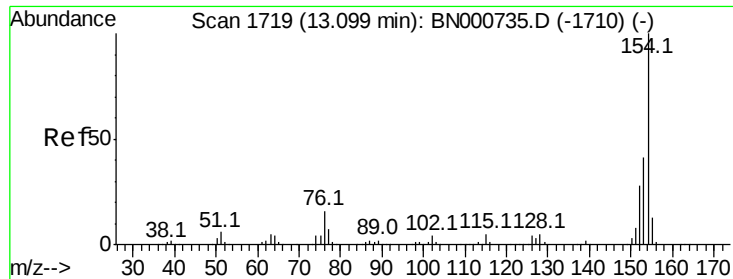
#44
 2-Fluorobiphenyl
 Concen: 86.649 ng
 RT: 12.88 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BN000752.D
 Acq: 18 Apr 2018 22:33

Tgt Ion:172 Resp: 2027375
 Ion Ratio Lower Upper
 172 100
 171 35.0 30.0 45.0
 170 23.2 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





#45

1,1'-Biphenyl

Concen: 0.162 ng

RT: 13.09 min Scan# 1718

Delta R.T. -0.01 min

Lab File: BN000752.D

Acq: 18 Apr 2018 22:33

Instrument :

BNA_N

ClientSampleId :

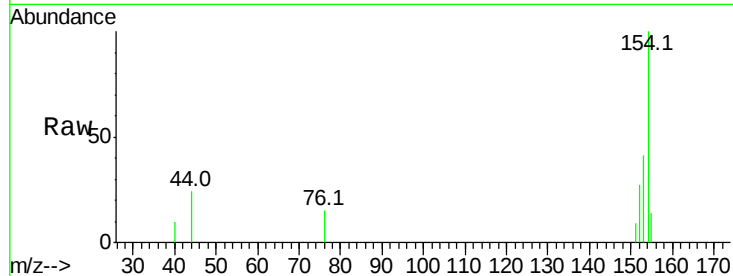
Tot Ion:154 Resp: 4687

Ion Ratio Lower Upper

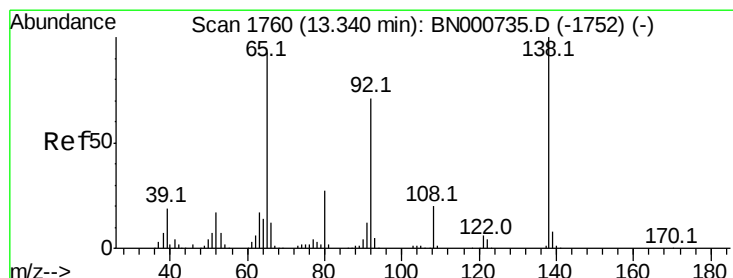
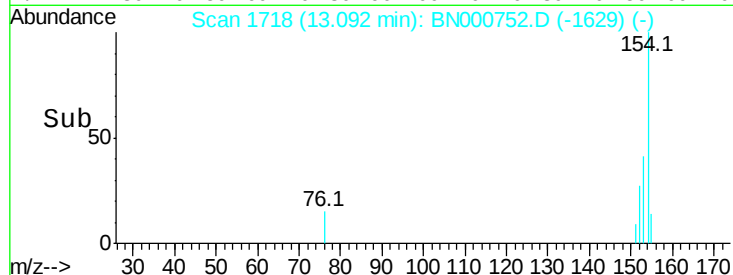
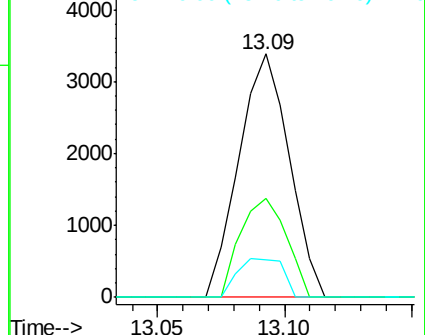
154 100

153 40.9 19.8 59.8

76 15.3 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BNC



#47

2-Nitroaniline

Concen: 0.542 ng

RT: 12.88 min Scan# 1682

Delta R.T. -0.46 min

Lab File: BN000752.D

Acq: 18 Apr 2018 22:33

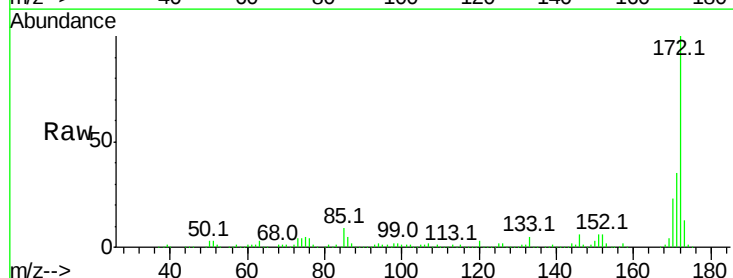
Tgt Ion: 65 Resp: 3408

Ion Ratio Lower Upper

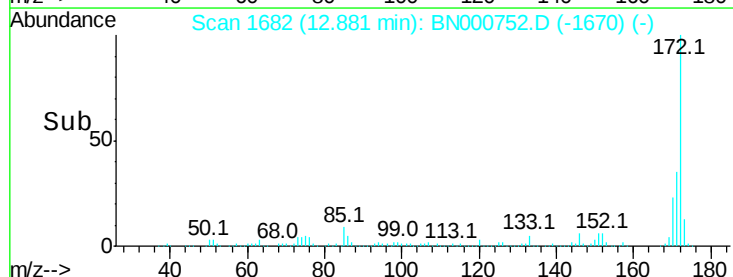
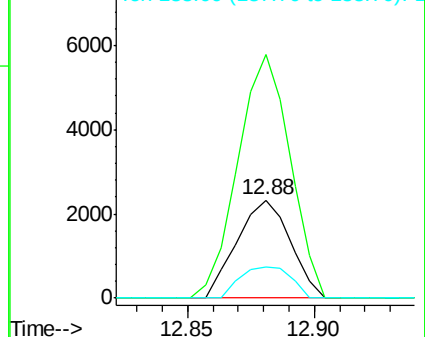
65 100

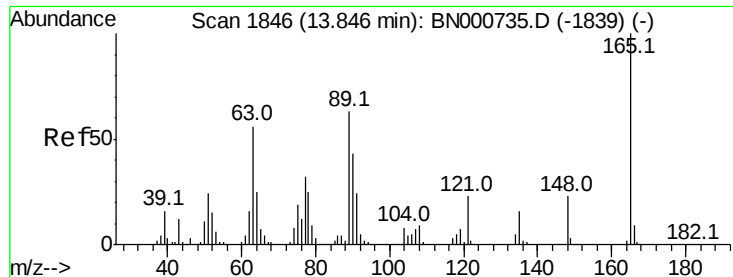
92 247.7 54.6 82.0#

138 31.8 72.9 109.3#



Abundance Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC
Ion 138.00 (137.70 to 138.70): E

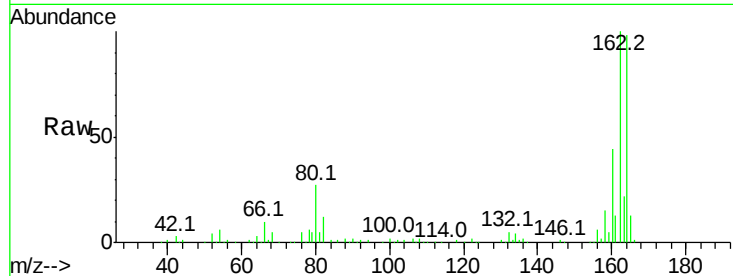




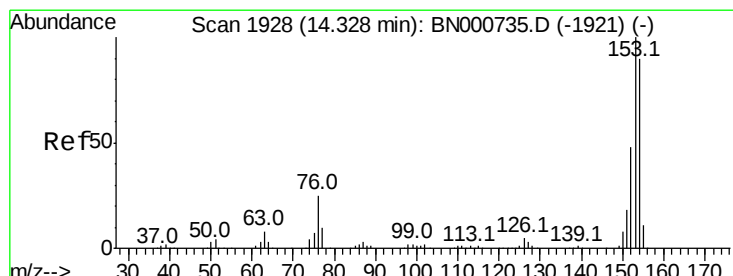
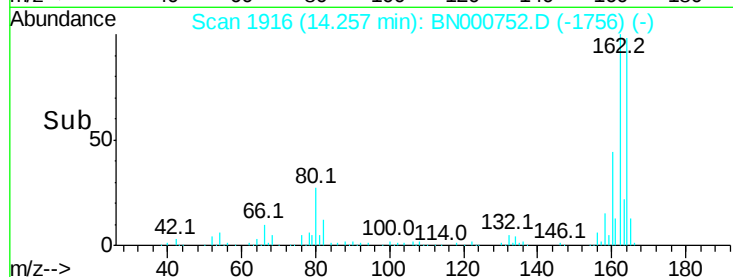
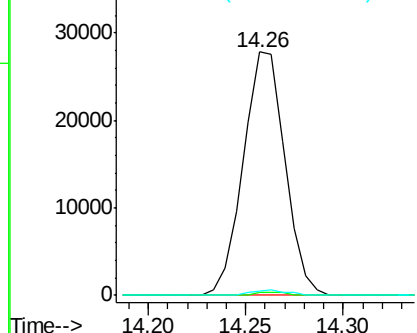
#50
 2,6-Dinitrotoluene
 Concen: 7.516 ng
 RT: 14.26 min Scan# 1916
 Delta R.T. 0.41 min
 Lab File: BN000752.D
 Acq: 18 Apr 2018 22:33

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:165 Resp: 41090
 Ion Ratio Lower Upper
 165 100
 63 1.2 52.7 79.1#
 89 1.7 49.2 73.8#

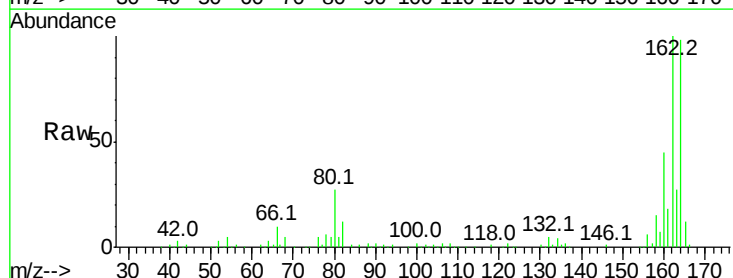


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 89.00 (88.70 to 89.70): BNC

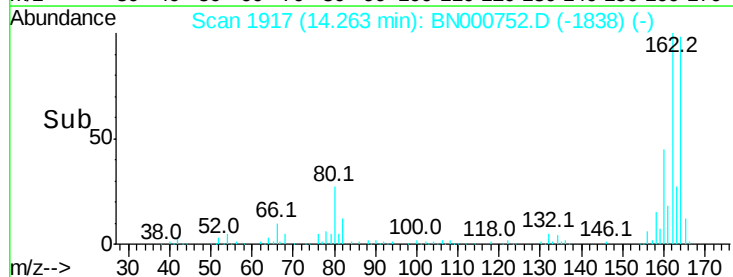
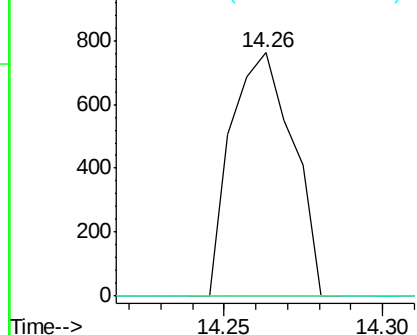


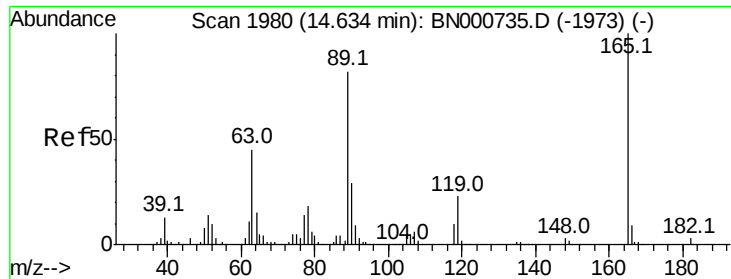
#51
 Acenaphthene
 Concen: 0.049 ng
 RT: 14.26 min Scan# 1917
 Delta R.T. -0.06 min
 Lab File: BN000752.D
 Acq: 18 Apr 2018 22:33

Tgt Ion:154 Resp: 1027
 Ion Ratio Lower Upper
 154 100
 153 0.0 90.4 135.6#
 152 0.0 41.6 62.4#



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

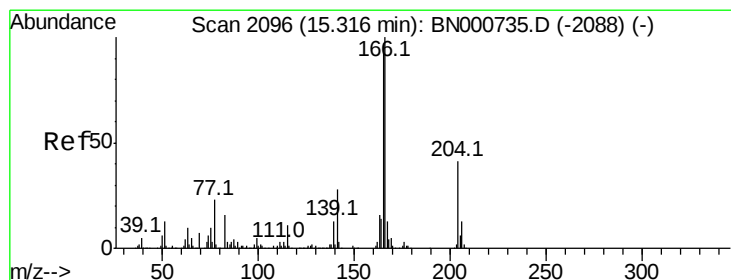
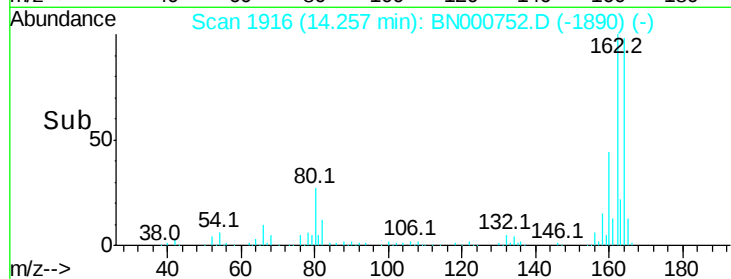
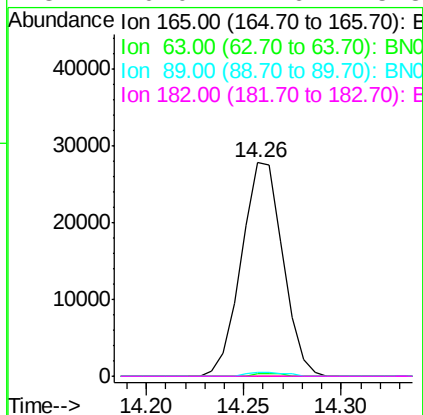
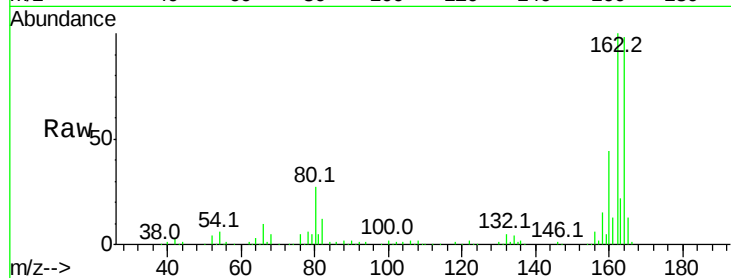




#56
2,4-Dinitrotoluene
Concen: 5.741 ng
RT: 14.26 min Scan# 1916
Delta R.T. -0.38 min
Lab File: BN000752.D
Acq: 18 Apr 2018 22:33

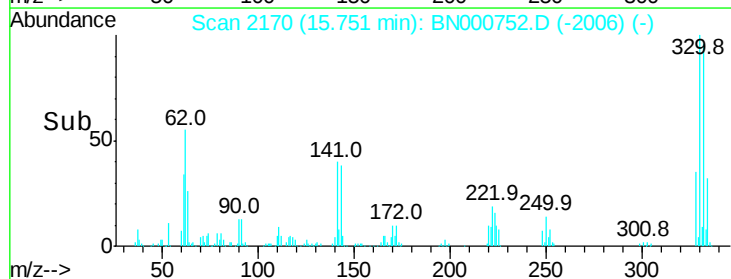
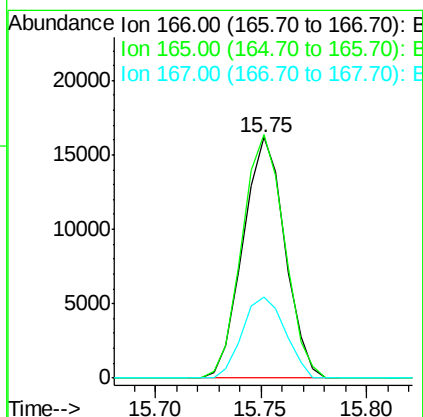
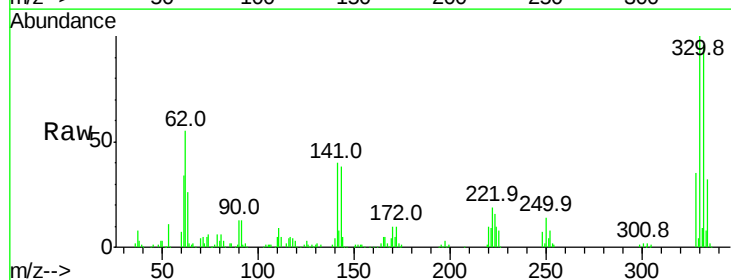
Instrument :
BNA_N
ClientSampleId :

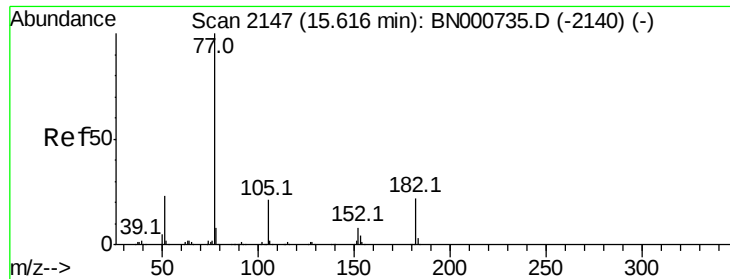
Tot Ion:165 Resp: 41090
Ion Ratio Lower Upper
165 100
63 1.2 42.0 63.0#
89 1.7 66.9 100.3#
182 0.0 2.6 3.8#



#57
Fluorene
Concen: 0.923 ng
RT: 15.75 min Scan# 2170
Delta R.T. 0.44 min
Lab File: BN000752.D
Acq: 18 Apr 2018 22:33

Tgt Ion:166 Resp: 22250
Ion Ratio Lower Upper
166 100
165 101.2 80.6 121.0
167 33.9 10.4 15.6#





#62

Azobenzene

Concen: 0.089 ng

RT: 15.75 min Scan# 2170

Delta R.T. 0.14 min

Lab File: BN000752.D

Acq: 18 Apr 2018 22:33

Instrument :

BNA_N

ClientSampled :

Tot Ion: 77 Resp: 2426

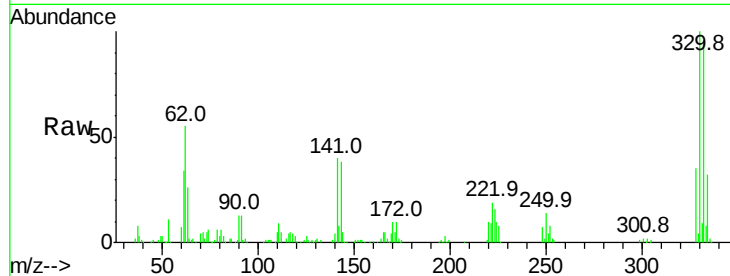
Ion Ratio Lower Upper

77 100

182 0.0 7.4 47.4#

105 108.5 0.3 40.3#

51 73.3 11.6 51.6#

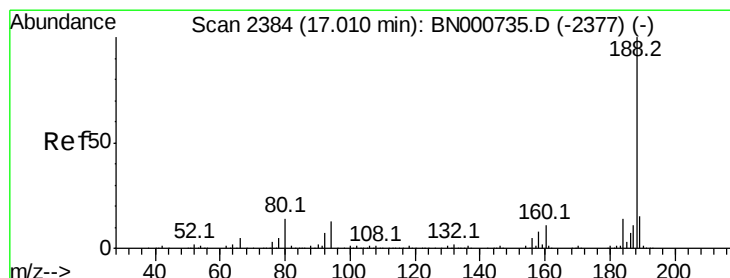
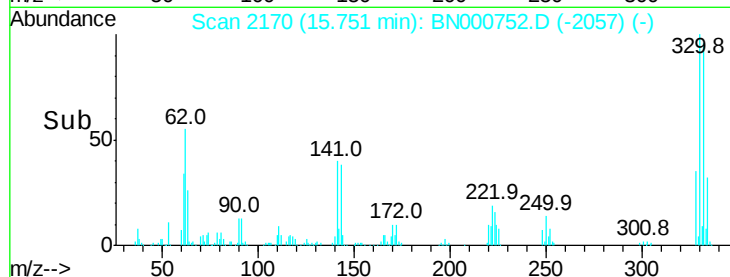
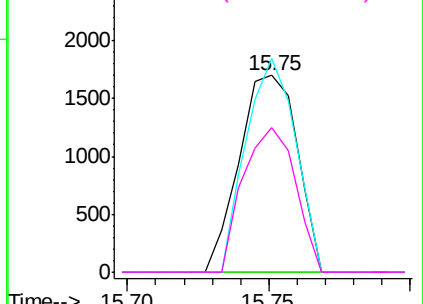


Abundance Ion 77.00 (76.70 to 77.70): BN0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BN0



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.01 min Scan# 2384

Delta R.T. -0.00 min

Lab File: BN000752.D

Acq: 18 Apr 2018 22:33

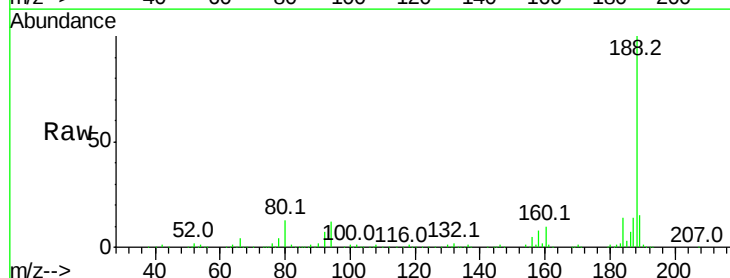
Tgt Ion: 188 Resp: 632410

Ion Ratio Lower Upper

188 100

94 12.1 6.9 10.3#

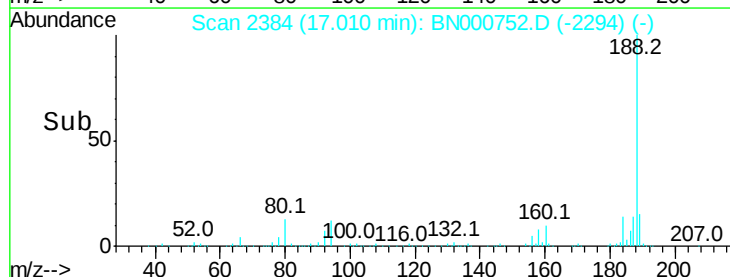
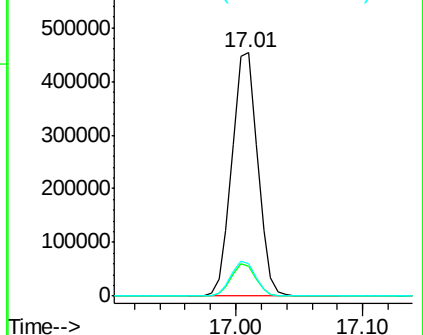
80 13.4 7.7 11.5#

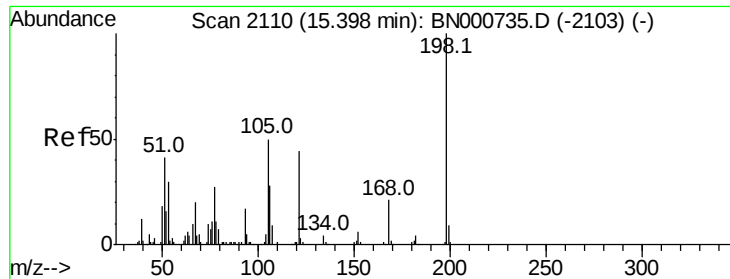


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BN0

Ion 80.00 (79.70 to 80.70): BN0

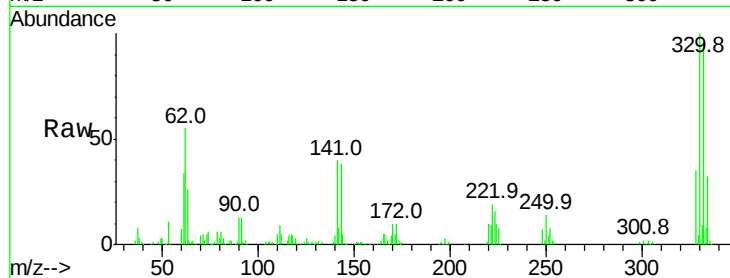




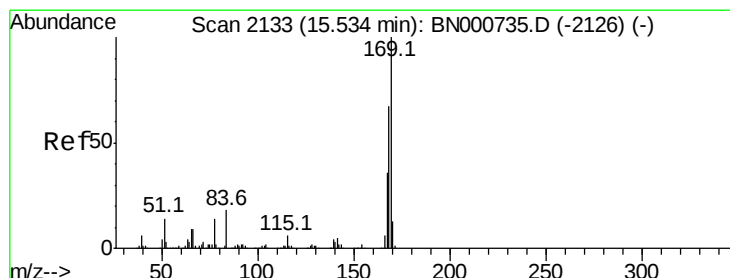
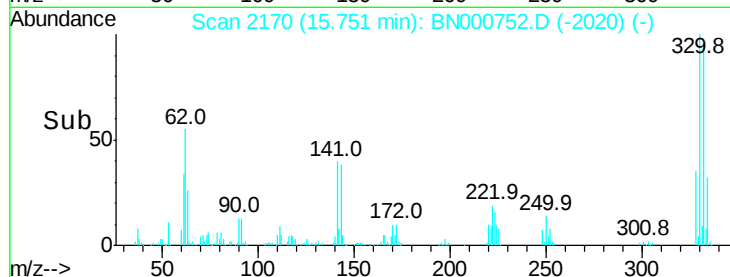
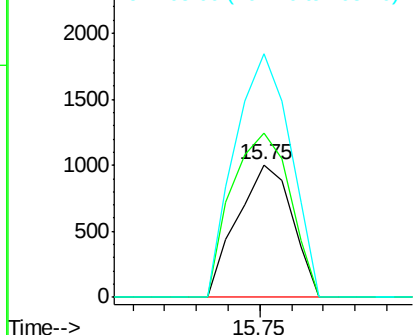
#64
 4,6-Dinitro-2-methylphenol
 Concen: 0.309 ng
 RT: 15.75 min Scan# 2170
 Delta R.T. 0.35 min
 Lab File: BN000752.D
 Acq: 18 Apr 2018 22:33

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:198 Resp: 1208
 Ion Ratio Lower Upper
 198 100
 51 123.8 30.6 70.6#
 105 183.3 23.8 63.8#

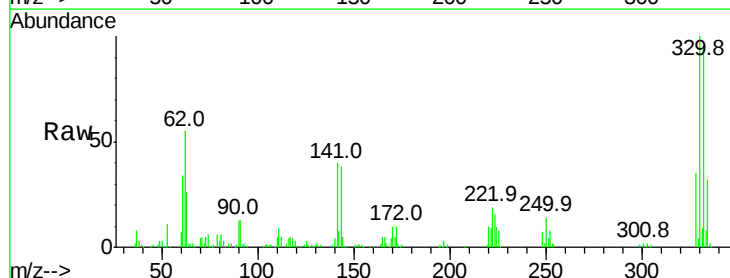


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BNO
 Ion 105.00 (104.70 to 105.70): E

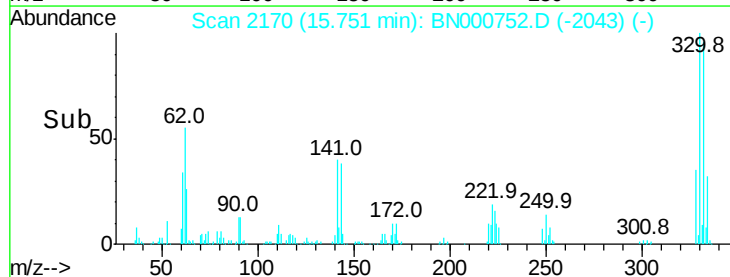
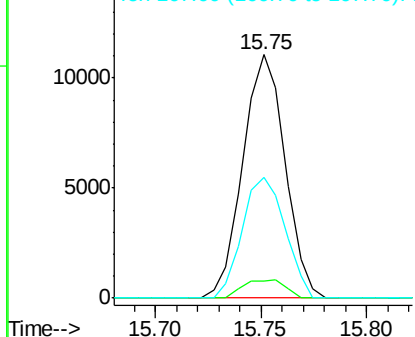


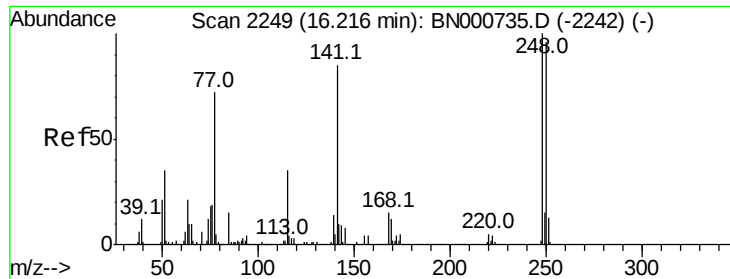
#65
 n-Nitrosodiphenylamine
 Concen: 0.723 ng
 RT: 15.75 min Scan# 2170
 Delta R.T. 0.22 min
 Lab File: BN000752.D
 Acq: 18 Apr 2018 22:33

Tgt Ion:169 Resp: 15347
 Ion Ratio Lower Upper
 169 100
 168 7.2 55.7 83.5#
 167 49.6 30.1 45.1#



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

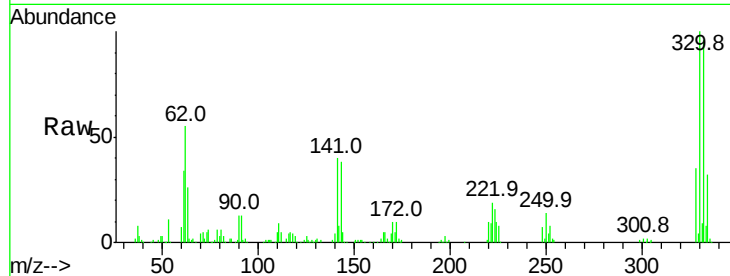




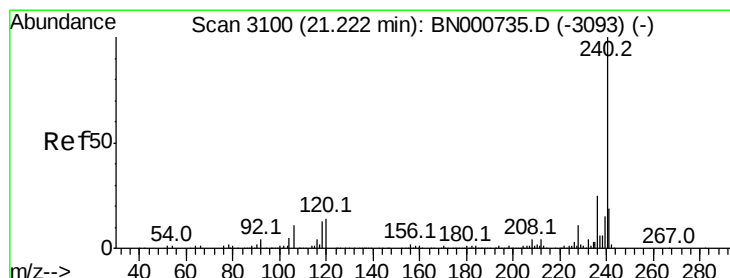
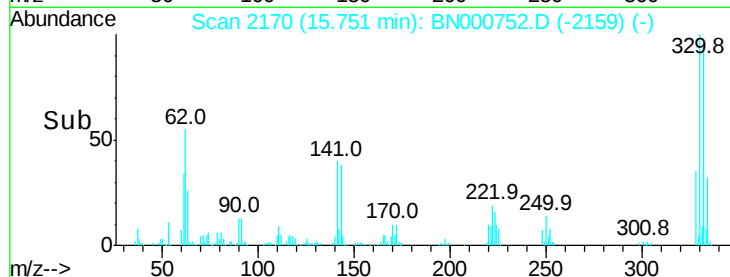
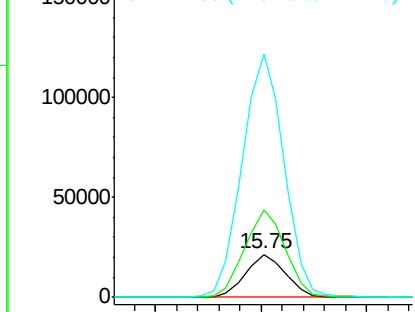
#66
4-Bromophenyl-phenylether
Concen: 4.432 ng
RT: 15.75 min Scan# 2170
Delta R.T. -0.46 min
Lab File: BN000752.D
Acq: 18 Apr 2018 22:33

Instrument :
BNA_N
ClientSampleId :

Tot Ion:248 Resp: 28478
Ion Ratio Lower Upper
248 100
250 204.6 77.1 115.7#
141 570.7 50.8 76.2#

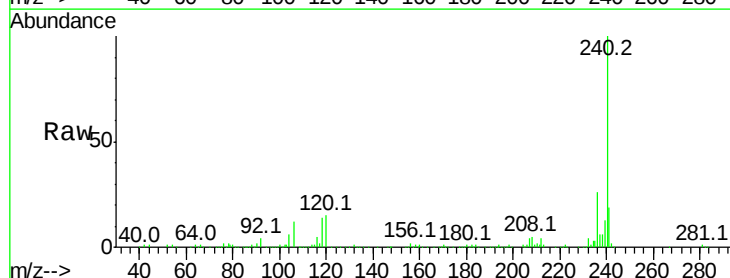


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

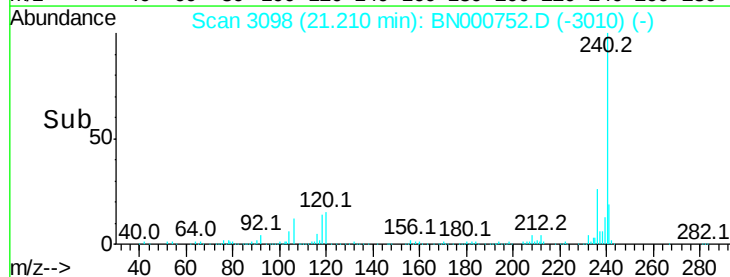
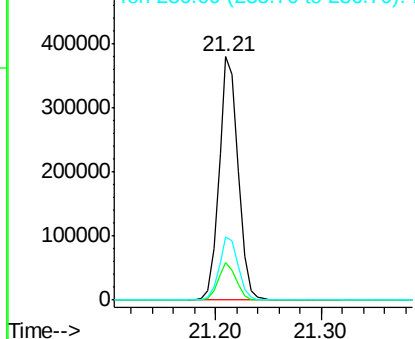


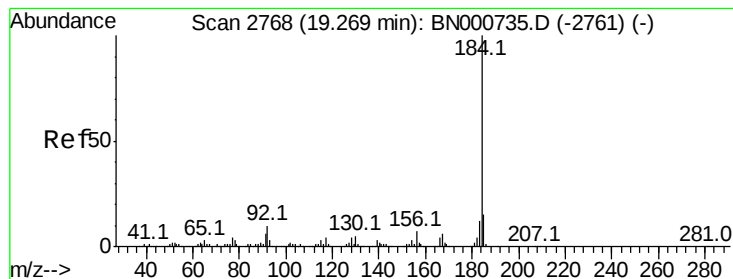
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.21 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BN000752.D
Acq: 18 Apr 2018 22:33

Tgt Ion:240 Resp: 477807
Ion Ratio Lower Upper
240 100
120 15.2 6.8 10.2#
236 25.8 20.9 31.3



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





#76

Benzidine

Concen: 2.427 ng

RT: 19.66 min Scan# 2834

Delta R.T. 0.39 min

Lab File: BN000752.D

Acq: 18 Apr 2018 22:33

Instrument :

BNA_N

ClientSampleId :

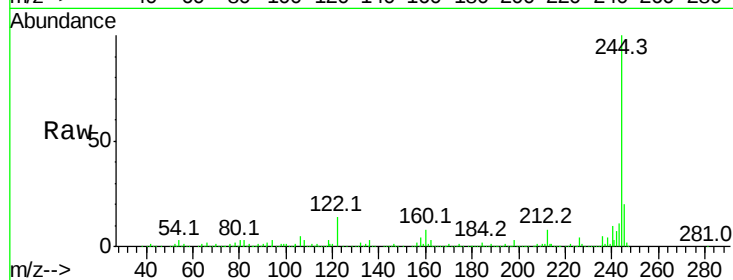
Tot Ion:184 Resp: 31411

Ion Ratio Lower Upper

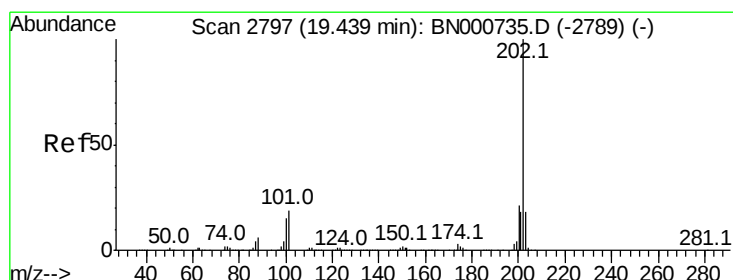
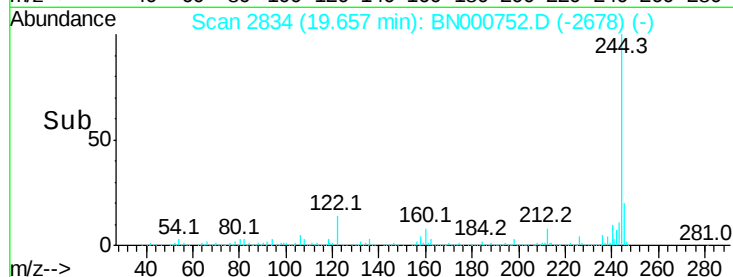
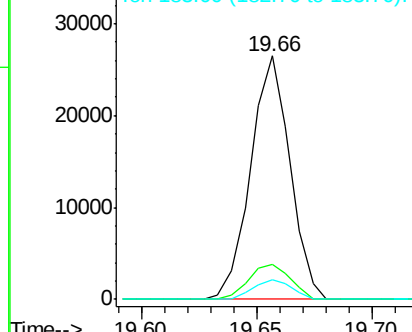
184 100

185 14.6 11.1 16.7

183 7.9 10.6 16.0#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 0.210 ng

RT: 19.66 min Scan# 2834

Delta R.T. 0.22 min

Lab File: BN000752.D

Acq: 18 Apr 2018 22:33

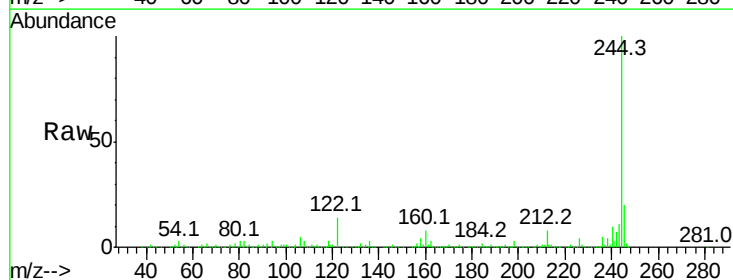
Tgt Ion:202 Resp: 7223

Ion Ratio Lower Upper

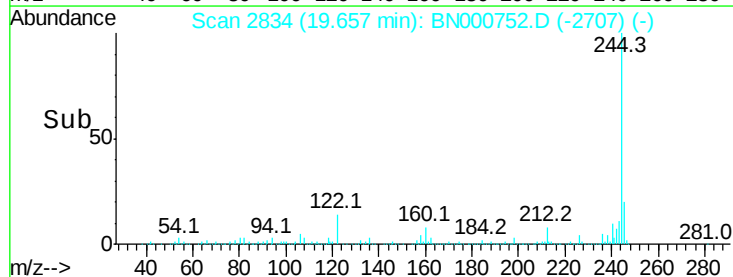
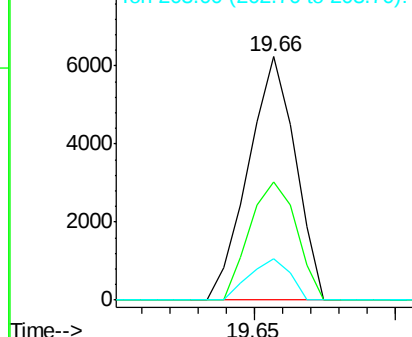
202 100

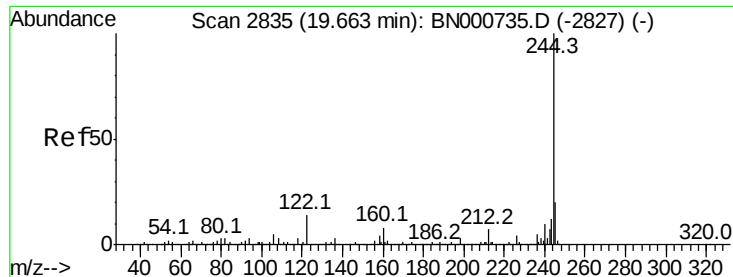
200 48.4 16.9 25.3#

203 17.2 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 92.330 ng

RT: 19.66 min Scan# 2834

Delta R.T. -0.01 min

Lab File: BN000752.D

Acq: 18 Apr 2018 22:33

Instrument :

BNA_N

ClientSampleId :

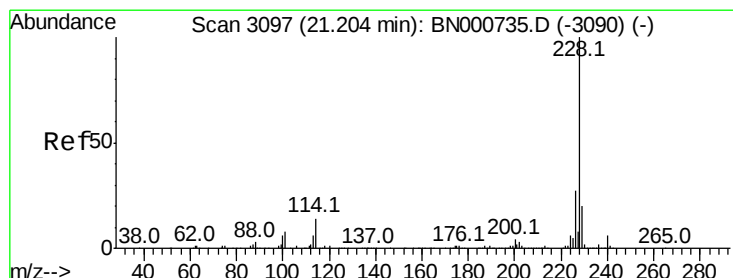
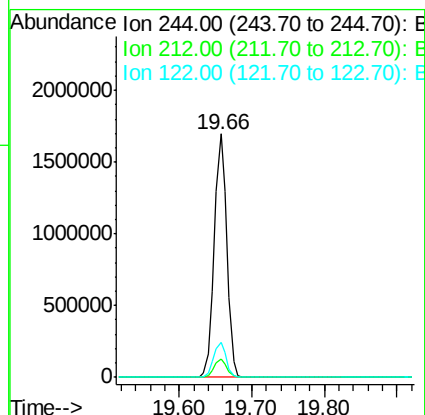
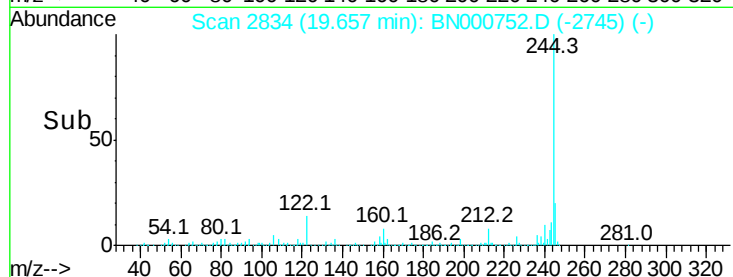
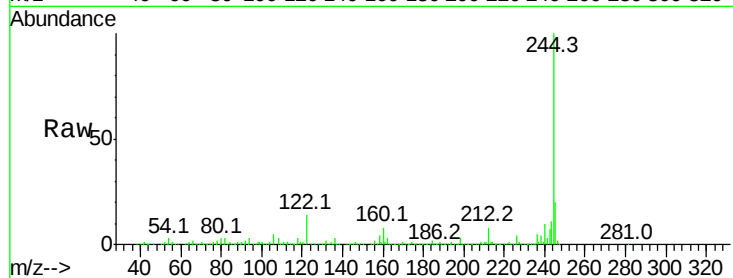
Tot Ion:244 Resp: 2046070

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

122 14.2 7.0 10.4#



#80

Benzo(a)anthracene

Concen: 0.036 ng

RT: 21.22 min Scan# 3099

Delta R.T. 0.01 min

Lab File: BN000752.D

Acq: 18 Apr 2018 22:33

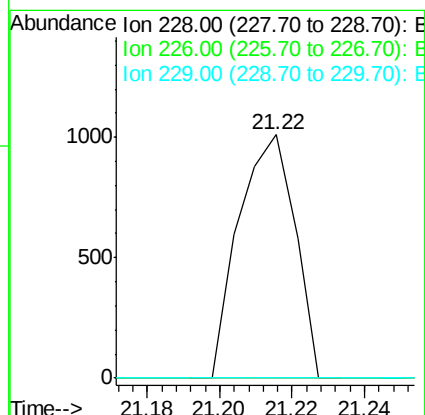
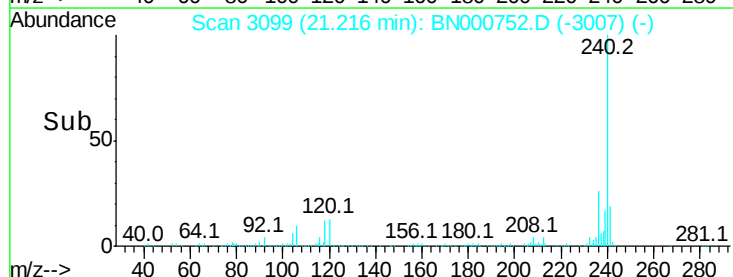
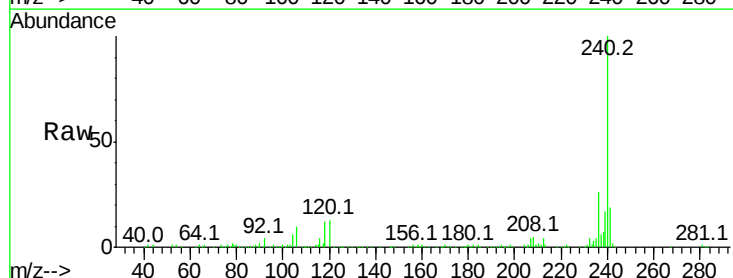
Tgt Ion:228 Resp: 1080

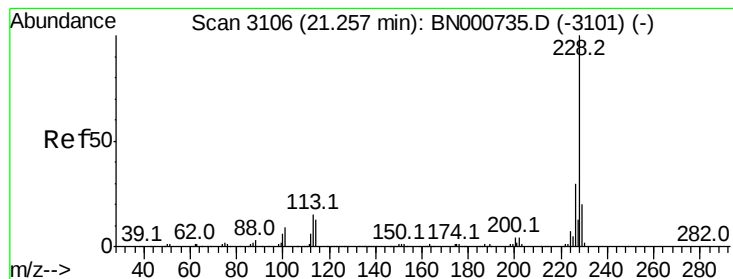
Ion Ratio Lower Upper

228 100

226 0.0 22.7 34.1#

229 0.0 16.2 24.2#





#82

Chrysene

Concen: 0.037 ng

RT: 21.22 min Scan# 3099

Delta R.T. -0.04 min

Lab File: BN000752.D

Acq: 18 Apr 2018 22:33

Instrument :

BNA_N

ClientSampled :

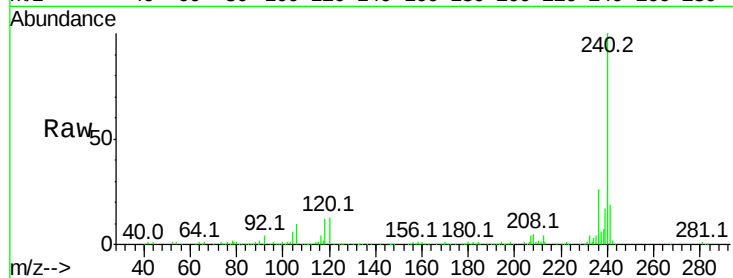
Tot Ion:228 Resp: 1080

Ion Ratio Lower Upper

228 100

226 0.0 24.9 37.3#

229 0.0 15.0 22.4#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

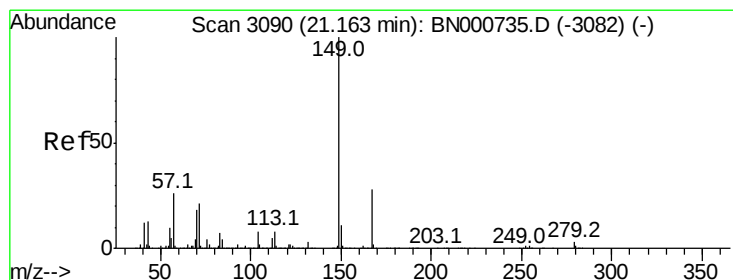
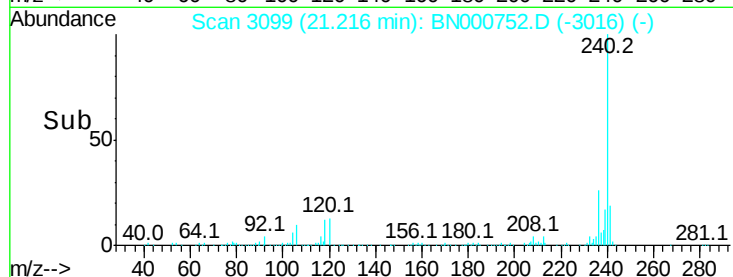
21.22

1000

500

0

Time--> 21.18 21.20 21.22 21.24



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.005 ng

RT: 21.53 min Scan# 3153

Delta R.T. 0.37 min

Lab File: BN000752.D

Acq: 18 Apr 2018 22:33

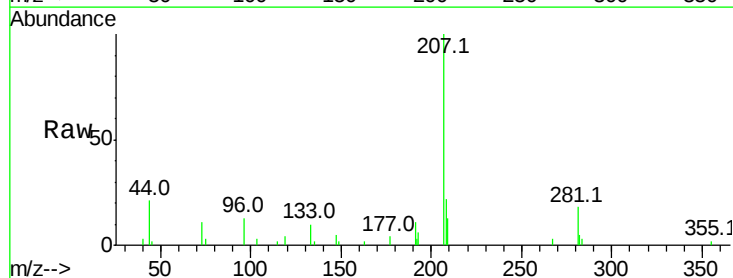
Tgt Ion:149 Resp: 109

Ion Ratio Lower Upper

149 100

167 0.0 24.3 36.5#

279 0.0 4.0 6.0#



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

21.53

400

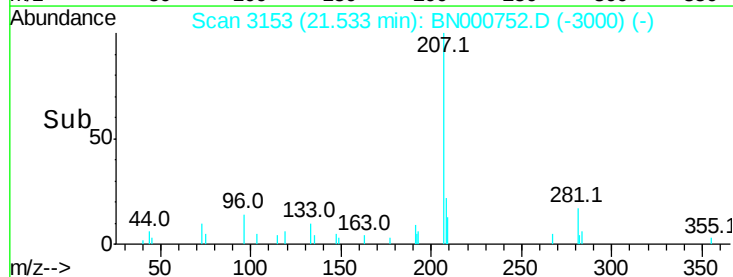
300

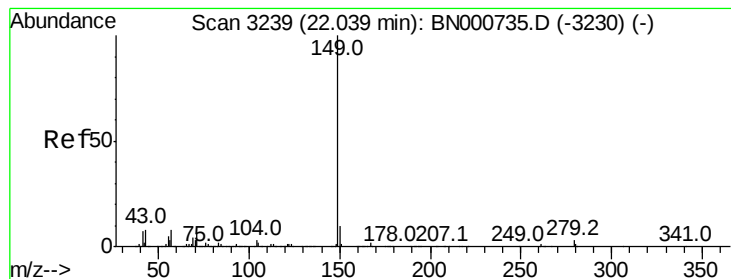
200

100

0

Time--> 21.52 21.54





#84

Di-n-octyl phthalate

Concen: 0.004 ng

RT: 22.03 min Scan# 3237

Delta R.T. -0.01 min

Lab File: BN000752.D

Acq: 18 Apr 2018 22:33

Instrument :

BNA_N

ClientSampleId :

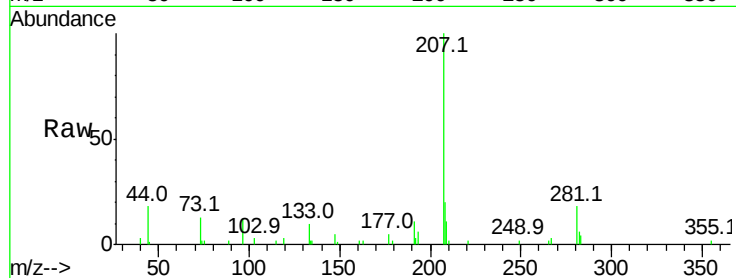
Tot Ion:149 Resp: 116

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.0#

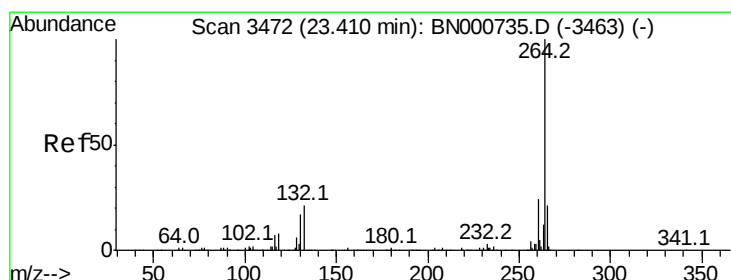
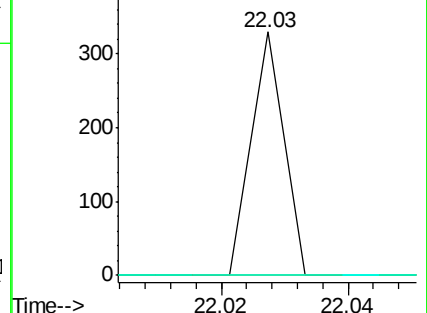
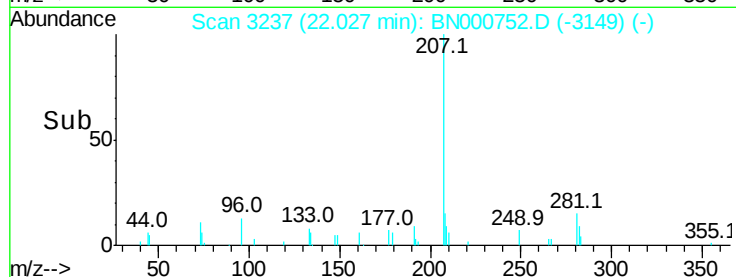
43 0.0 8.9 13.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNC



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.40 min Scan# 3471

Delta R.T. -0.01 min

Lab File: BN000752.D

Acq: 18 Apr 2018 22:33

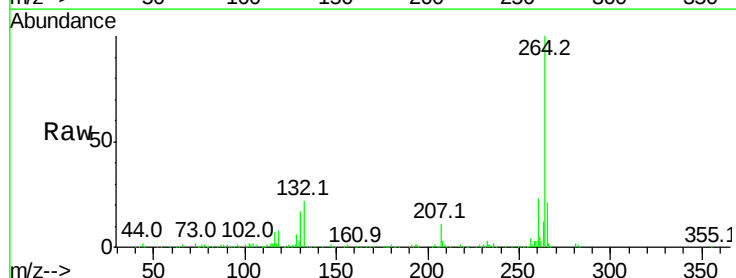
Tgt Ion:264 Resp: 438624

Ion Ratio Lower Upper

264 100

260 23.3 17.4 26.0

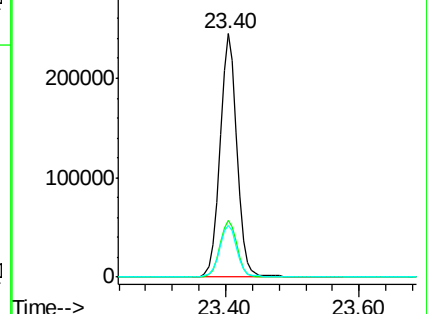
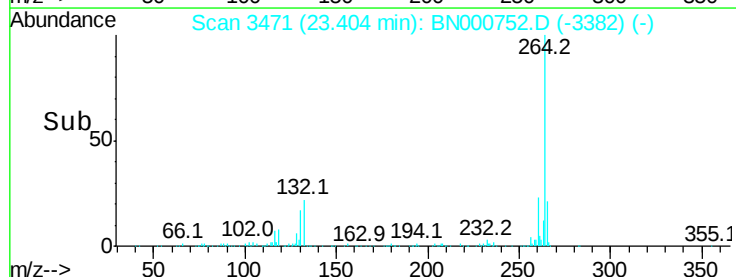
265 21.0 17.7 26.5

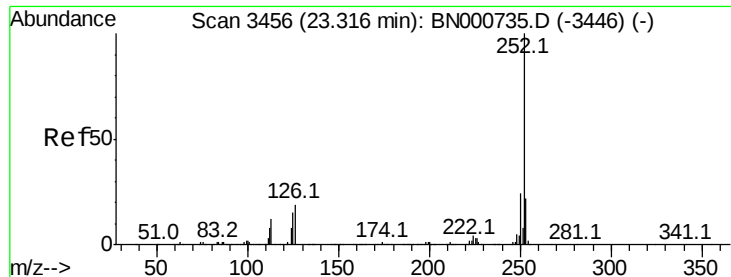


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#89

Benzo(a)pyrene

Concen: 0.057 ng

RT: 23.41 min Scan# 3472

Delta R.T. 0.09 min

Lab File: BN000752.D

Acq: 18 Apr 2018 22:33

Instrument :

BNA_N

ClientSampleId :

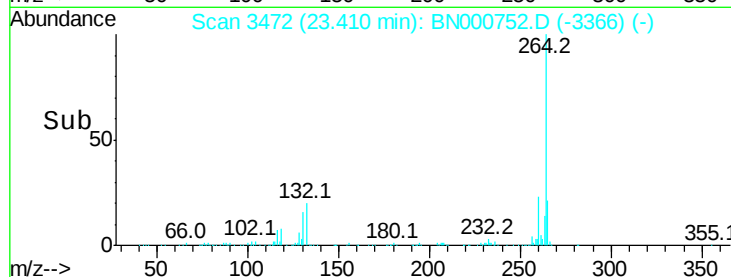
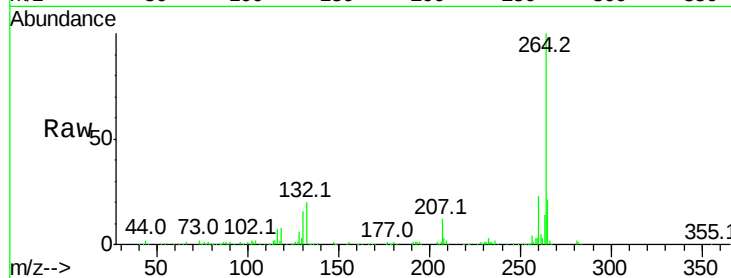
Tot Ion:252 Resp: 1390

Ion Ratio Lower Upper

252 100

253 44.6 18.3 27.5#

125 36.2 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

