

Data Path : Z:\HPCHEM1\BNA N\DATA\BN040918\
 Data File : BN000720.D
 Acq On : 09 Apr 2018 21:26
 Operator : JU/SJ
 Sample : J2273-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 10 04:34:29 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN040918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 09 13:41:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	164150	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	709803	20.00	ng	0.00
38) Acenaphthene-d10	14.26	164	378103	20.00	ng	0.00
63) Phenanthrene-d10	17.01	188	813553	20.00	ng	0.00
75) Chrysene-d12	21.22	240	743692	20.00	ng	0.00
86) Perylene-d12	23.41	264	685600	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	558022	50.19	ng	0.00
7) Phenol-d6	6.81	99	447617	29.58	ng	0.00
23) Nitrobenzene-d5	8.78	82	1566394	116.78	ng	0.00
41) 2,4,6-Tribromophenol	15.76	330	462816	124.50	ng	0.00
44) 2-Fluorobiphenyl	12.89	172	2963604	108.03	ng	0.00
78) Terphenyl-d14	19.66	244	3760898	110.46	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.17	88	227	0.045	ng	# 27
4) n-Nitrosodimethylamine	3.49	42	228	0.061	ng	# 1
6) Aniline	6.83	93	234	0.012	ng	# 1
9) Benzaldehyde	6.82	77	644	0.084	ng	# 5
10) Phenol	6.84	94	17150	1.066	ng	# 93
11) bis(2-Chloroethyl)ether	7.18	93	1578	0.119	ng	# 1
15) Benzyl Alcohol	7.95	79	25683	2.491	ng	# 35
19) n-Nitroso-di-n-propylamine	8.78	70	198327	20.965	ng	# 67
24) Nitrobenzene	8.78	77	4438	0.305	ng	# 46
25) Isophorone	8.92	82	113	0.005	ng	# 69
31) Naphthalene	10.45	128	269	0.007	ng	# 68
45) 1,1'-Biphenyl	13.10	154	7036	0.207	ng	# 95
47) 2-Nitroaniline	13.73	65	751	0.104	ng	# 1
49) Dimethylphthalate	13.73	163	81501	2.708	ng	# 99
50) 2,6-Dinitrotoluene	14.26	165	48577	7.794	ng	# 20
51) Acenaphthene	14.26	154	1381	0.056	ng	# 5
56) 2,4-Dinitrotoluene	14.26	165	48577	6.003	ng	# 18
57) Fluorene	15.76	166	26950	0.956	ng	# 93
59) Diethylphthalate	15.10	149	9877	0.334	ng	# 95
62) Azobenzene	15.76	77	3336	0.102	ng	# 22
64) 4,6-Dinitro-2-methylphenol	15.76	198	1399	0.289	ng	# 1
65) n-Nitrosodiphenylamine	15.76	169	17737	0.653	ng	# 44
66) 4-Bromophenyl-phenylether	15.76	248	32376	3.980	ng	# 1
70) Phenanthrene	17.05	178	435	0.009	ng	# 60
71) Anthracene	17.05	178	435	0.009	ng	# 59
73) Di-n-butylphthalate	18.00	149	1425	0.028	ng	# 78
74) Fluoranthene	19.07	202	406	0.009	ng	# 65
76) Benzdine	19.66	184	57243	2.816	ng	# 90
77) Pyrene	19.66	202	13446	0.253	ng	# 64
80) Benzo(a)anthracene	21.22	228	2087	0.045	ng	# 64
82) Chrysene	21.22	228	2087	0.046	ng	# 59
83) Bis(2-ethylhexyl)phthalate	21.17	149	2546	0.076	ng	# 88
84) Di-n-octyl phthalate	22.06	149	120	0.003	ng	# 74
89) Benzo(a)pyrene	23.41	252	2365	0.062	ng	# 59

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QLast Update : Mon Apr 09 13:41:40 2018
Response via : Initial Calibration

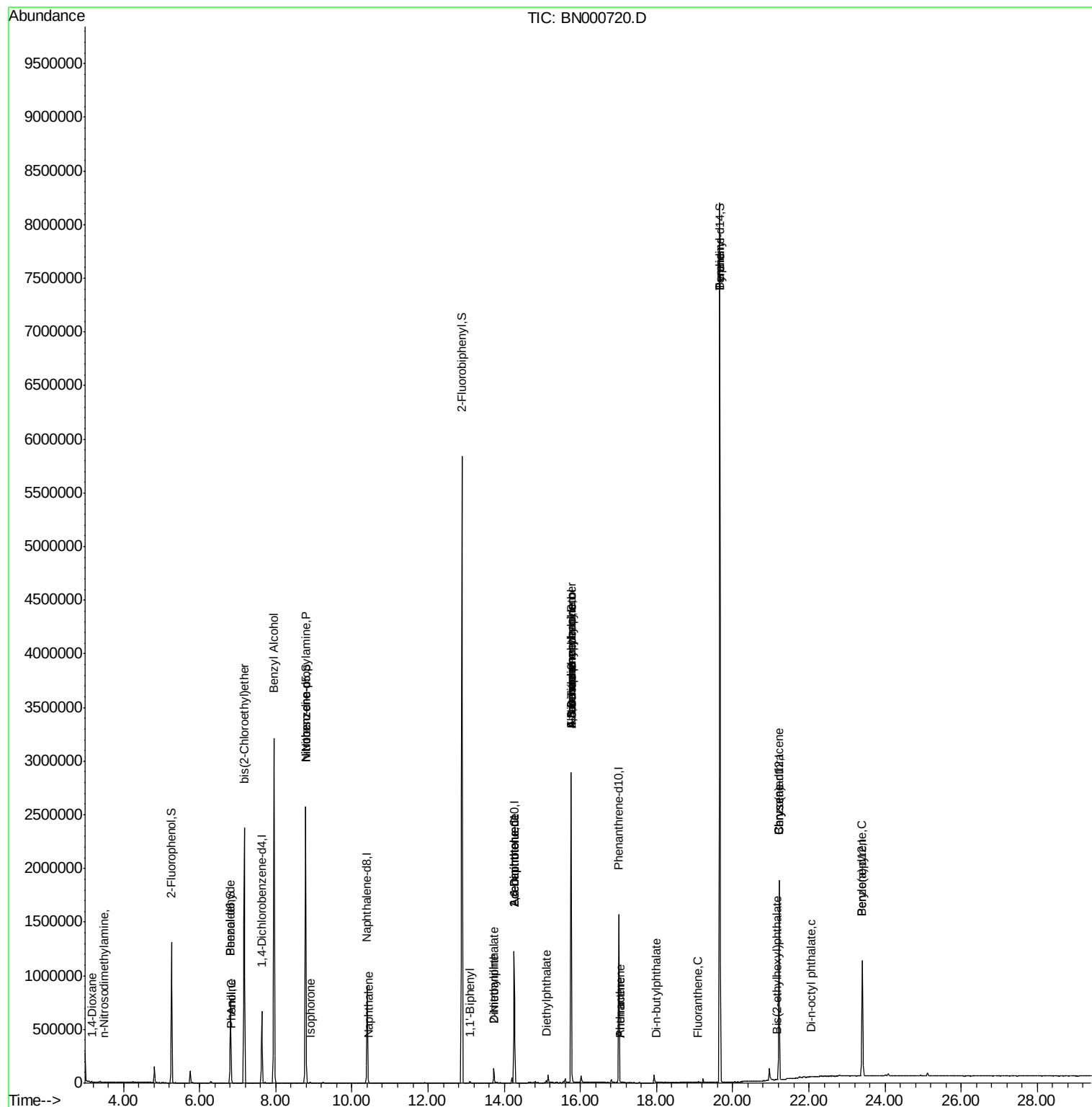
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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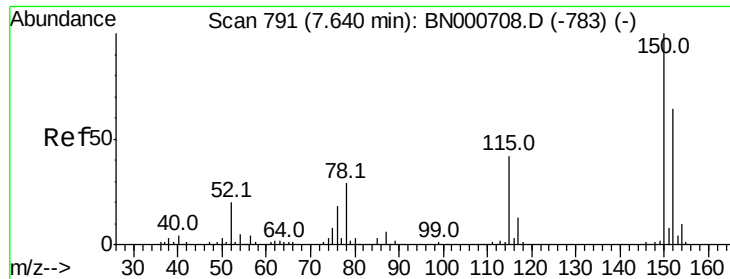
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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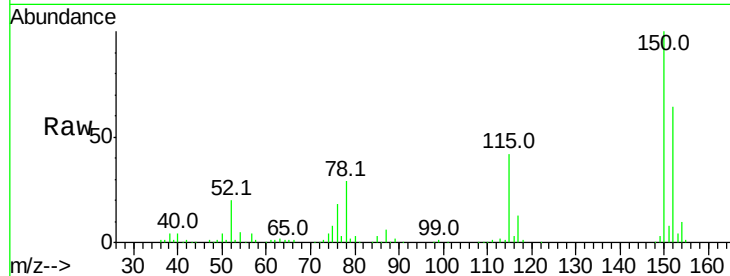


#1

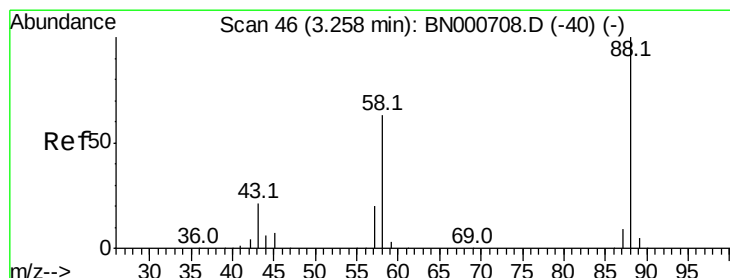
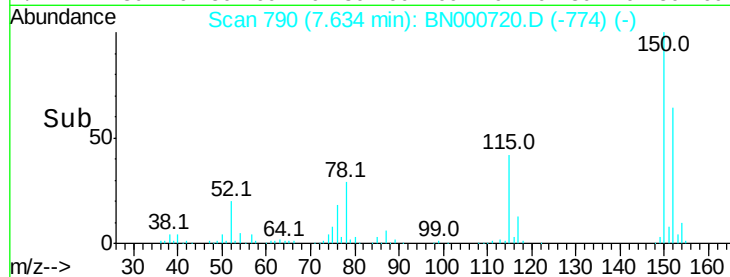
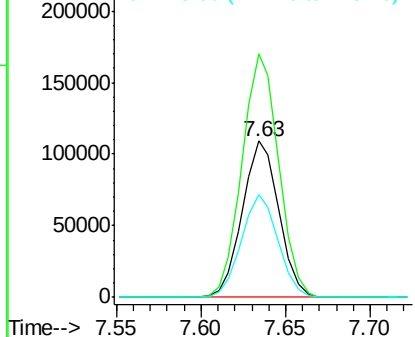
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 790
Delta R.T. -0.01 min
Lab File: BN000720.D
Acq: 09 Apr 2018 21:26

Instrument :
BNA_N
ClientSampled :

Tot Ion:152 Resp: 164150
Ion Ratio Lower Upper
152 100
150 155.6 126.6 189.8
115 65.3 53.0 79.4



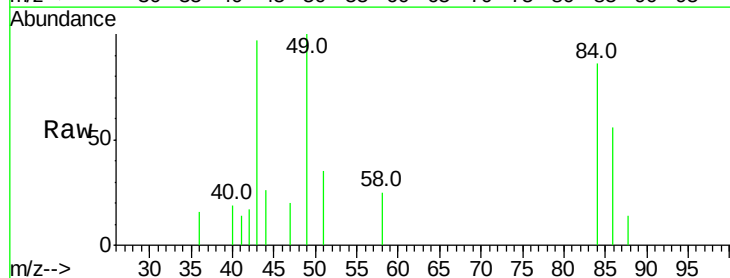
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



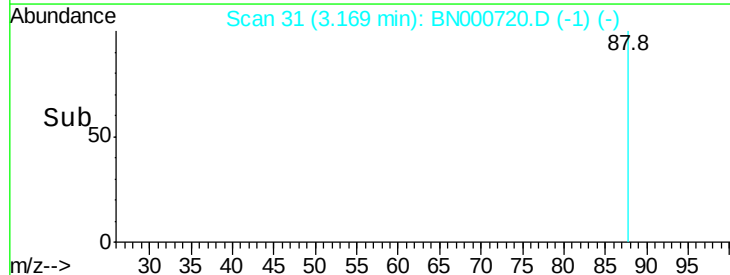
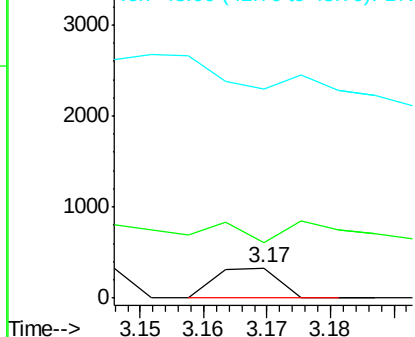
#2

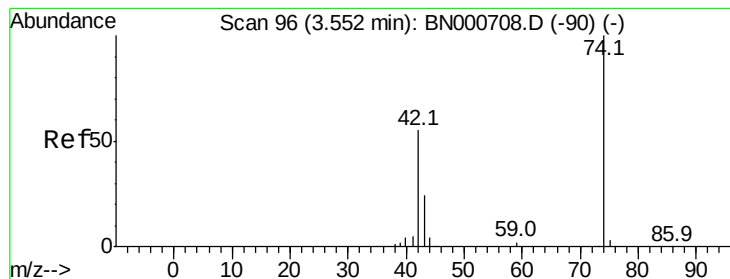
1,4-Dioxane
Concen: 0.045 ng
RT: 3.17 min Scan# 31
Delta R.T. -0.09 min
Lab File: BN000720.D
Acq: 09 Apr 2018 21:26

Tgt Ion: 88 Resp: 227
Ion Ratio Lower Upper
88 100
58 0.0 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: 0.061 ng

RT: 3.49 min Scan# 85

Delta R.T. -0.06 min

Lab File: BN000720.D

Acq: 09 Apr 2018 21:26

Instrument :

BNA_N

ClientSampled :

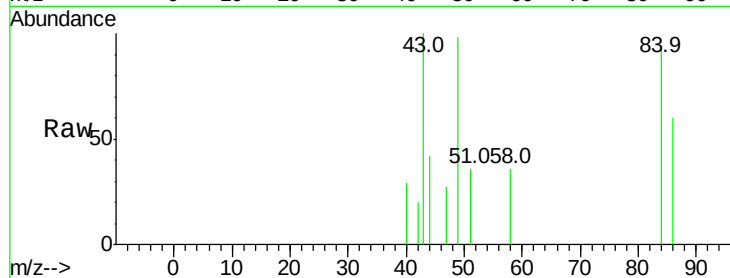
Tot Ion: 42 Resp: 228

Ion Ratio Lower Upper

42 100

74 0.0 128.0 192.0#

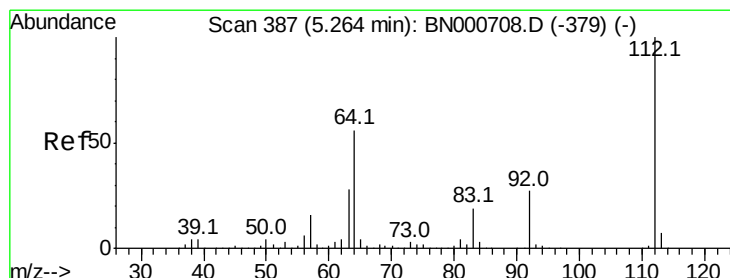
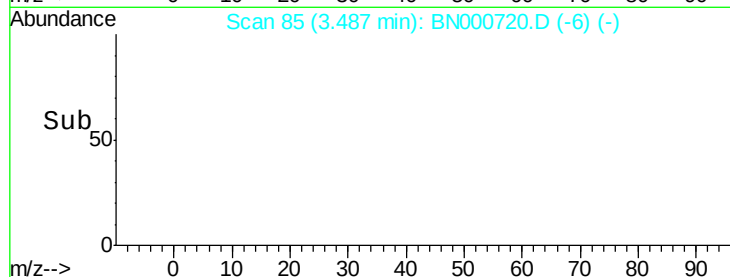
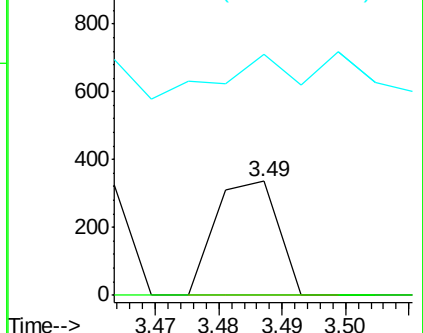
44 211.9 12.0 18.0#



Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC



#5

2-Fluorophenol

Concen: 50.195 ng

RT: 5.26 min Scan# 387

Delta R.T. 0.00 min

Lab File: BN000720.D

Acq: 09 Apr 2018 21:26

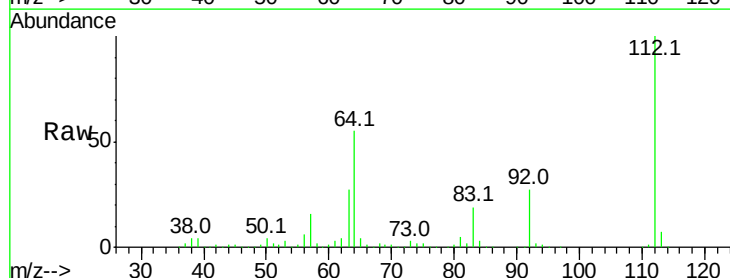
Tgt Ion: 112 Resp: 558022

Ion Ratio Lower Upper

112 100

64 54.8 56.3 84.5#

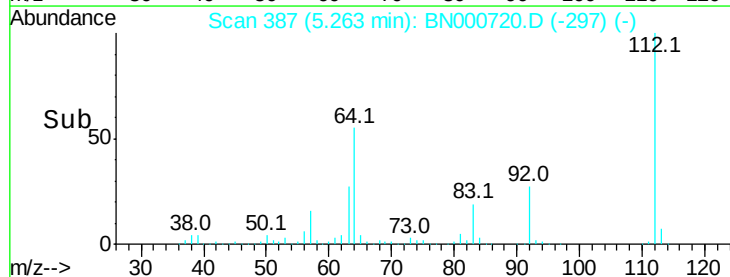
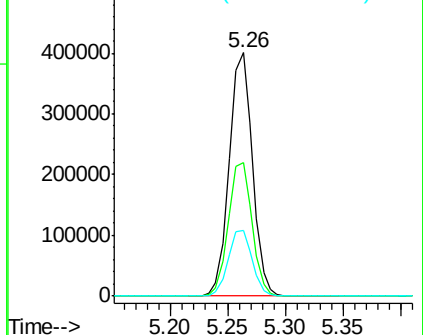
63 27.0 30.1 45.1#

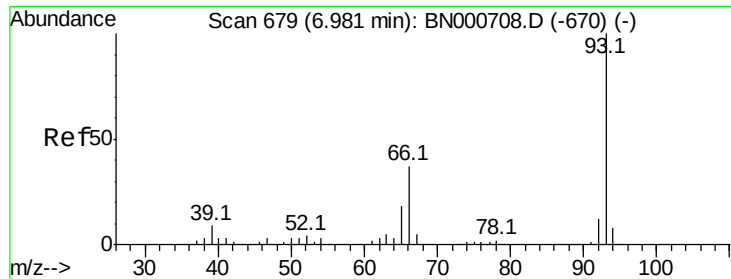


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#6

Aniline

Concen: 0.012 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.15 min

Lab File: BN000720.D

Acq: 09 Apr 2018 21:26

Instrument :

BNA_N

ClientSampleId :

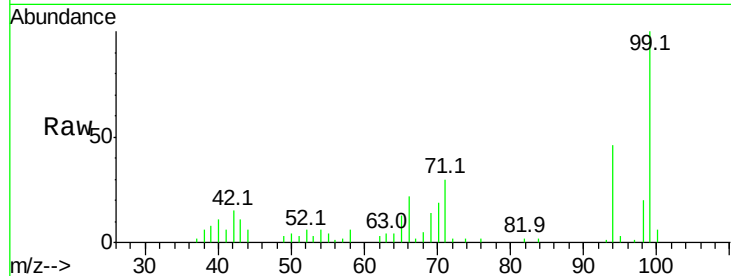
Tot Ion: 93 Resp: 234

Ion Ratio Lower Upper

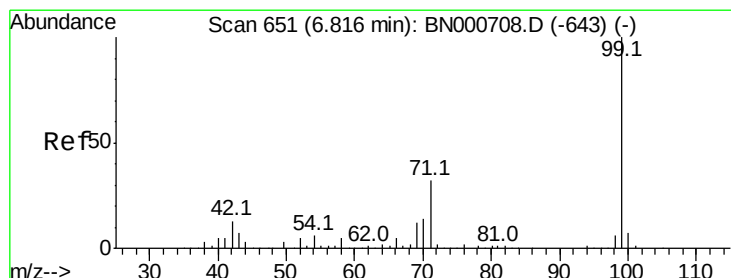
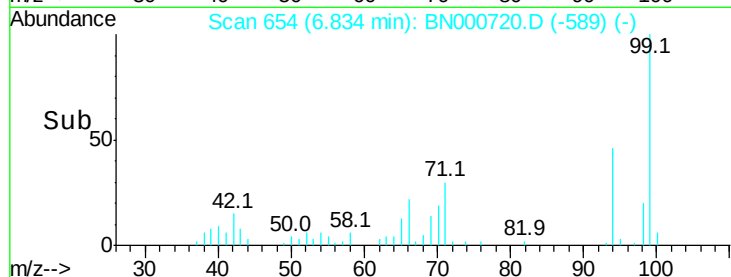
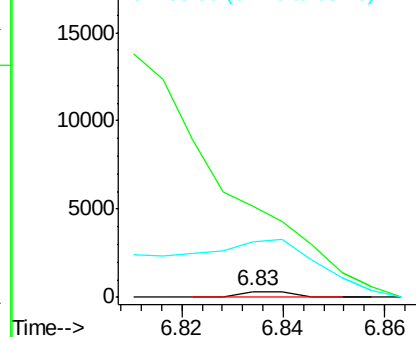
93 100

66 1553.6 33.7 50.5#

65 949.4 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: 29.576 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.01 min

Lab File: BN000720.D

Acq: 09 Apr 2018 21:26

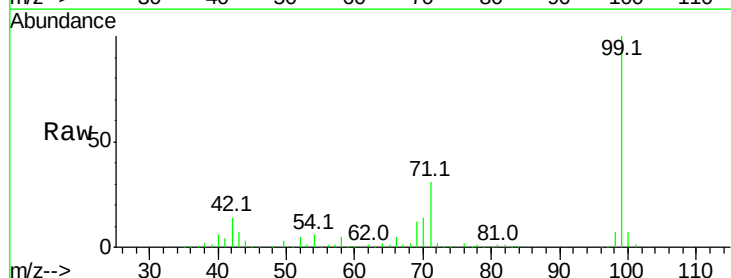
Tgt Ion: 99 Resp: 447617

Ion Ratio Lower Upper

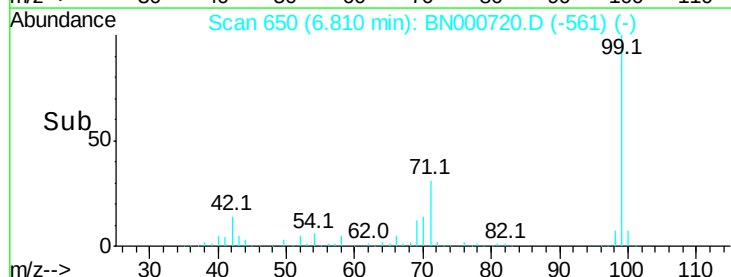
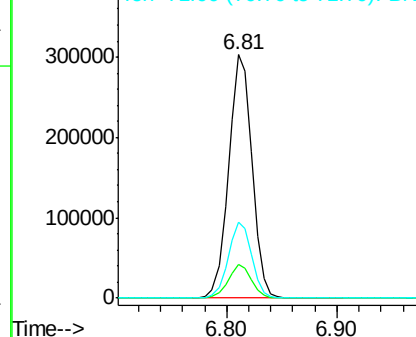
99 100

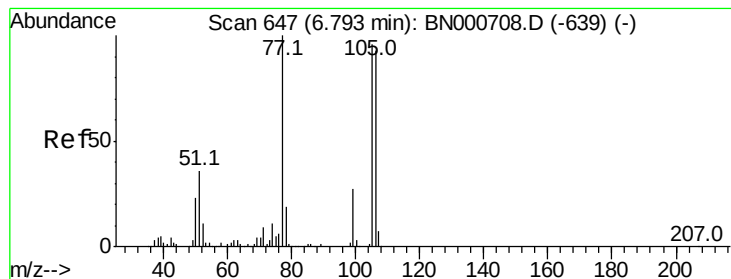
42 13.8 14.1 21.1#

71 31.3 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: 0.084 ng

RT: 6.82 min Scan# 651

Delta R.T. 0.02 min

Lab File: BN000720.D

Acq: 09 Apr 2018 21:26

Instrument :

BNA_N

ClientSampleId :

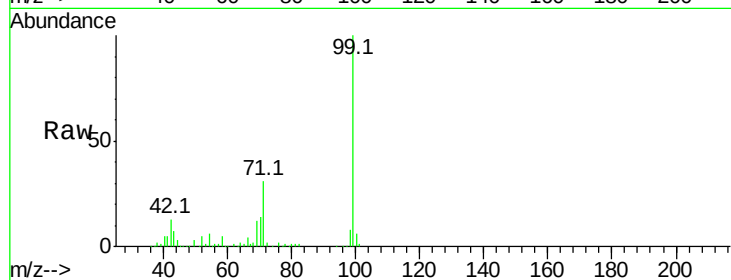
Tot Ion: 77 Resp: 644

Ion Ratio Lower Upper

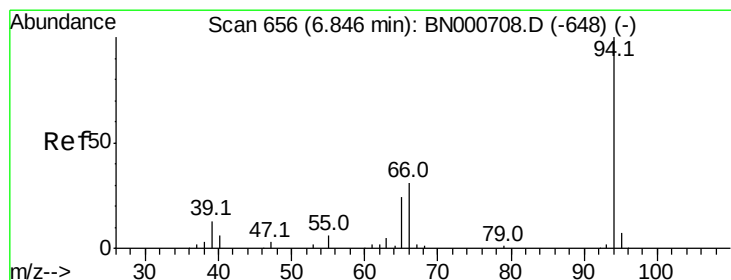
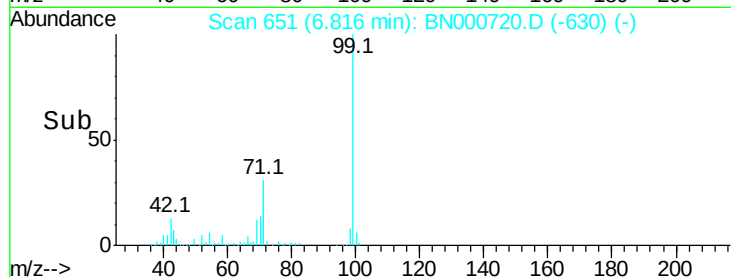
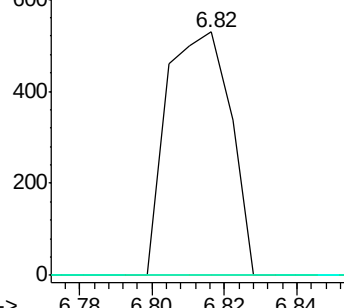
77 100

105 0.0 71.3 111.3#

106 0.0 64.2 104.2#



Abundance Ion 77.00 (76.70 to 77.70): BN0
Ion 105.00 (104.70 to 105.70): B
Ion 106.00 (105.70 to 106.70): B



#10

Phenol

Concen: 1.066 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BN000720.D

Acq: 09 Apr 2018 21:26

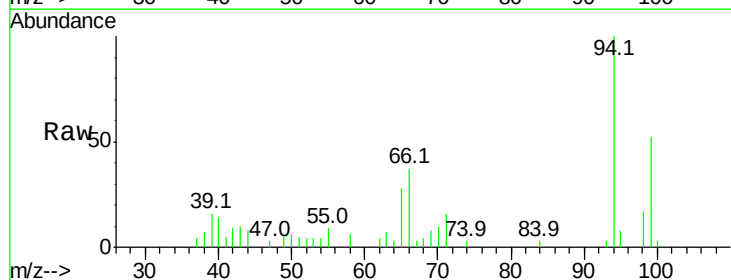
Tgt Ion: 94 Resp: 17150

Ion Ratio Lower Upper

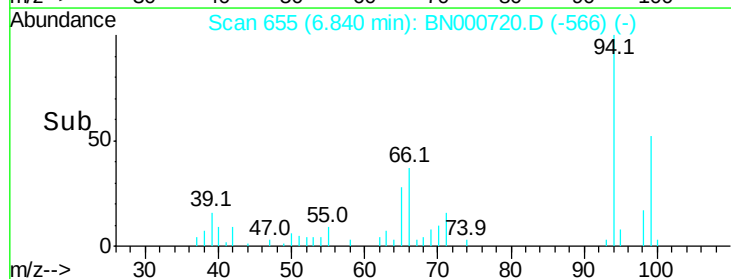
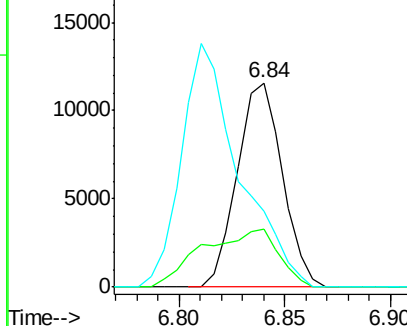
94 100

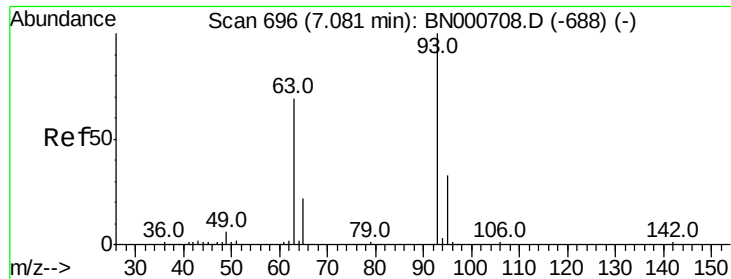
65 28.2 11.9 51.9

66 37.2 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BN0
Ion 65.00 (64.70 to 65.70): BN0
Ion 66.00 (65.70 to 66.70): BN0

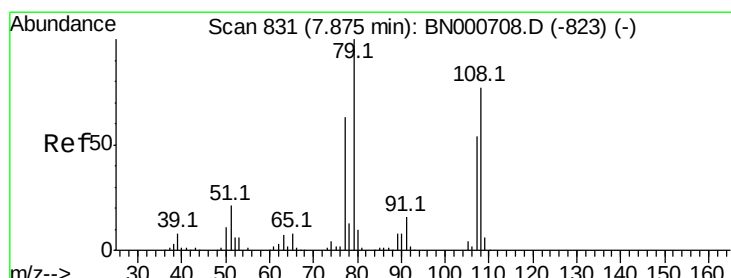
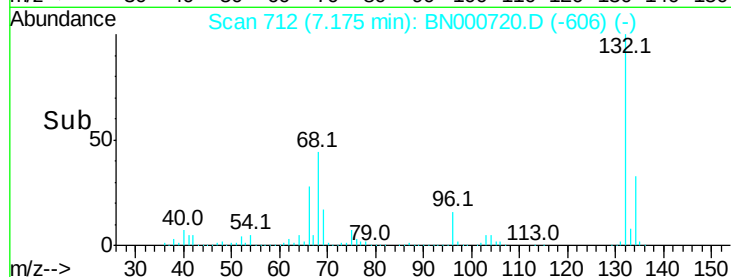
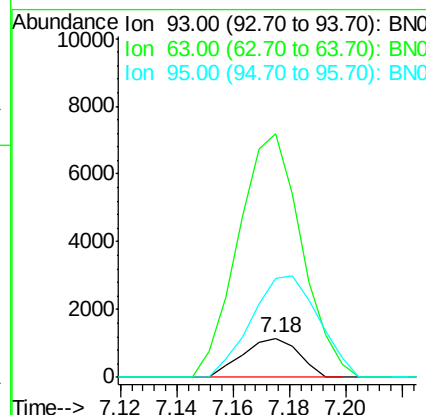
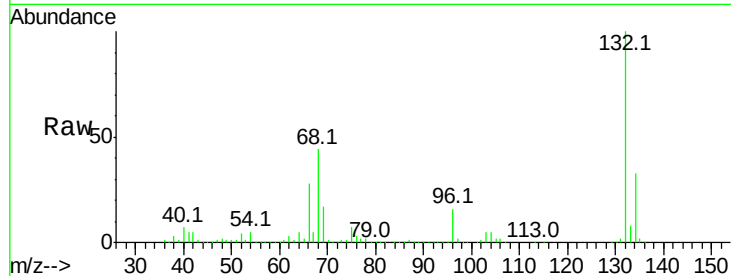




#11
 bis(2-Chloroethyl)ether
 Concen: 0.119 ng
 RT: 7.18 min Scan# 712
 Delta R.T. 0.09 min
 Lab File: BN000720.D
 Acq: 09 Apr 2018 21:26

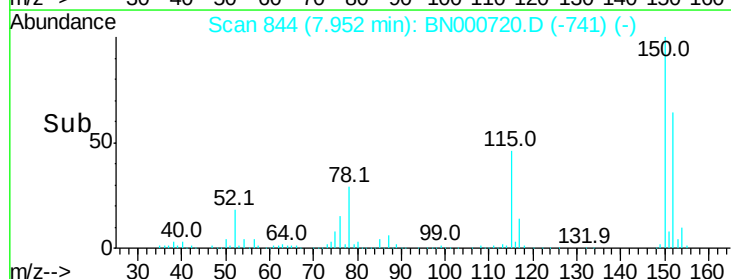
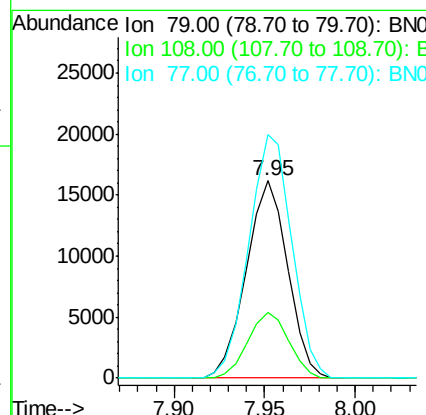
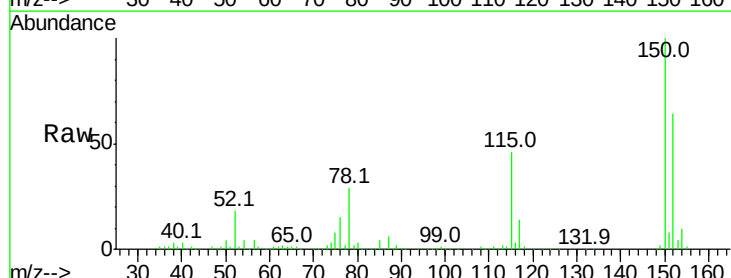
Instrument :
 BNA_N
 ClientSampleId :

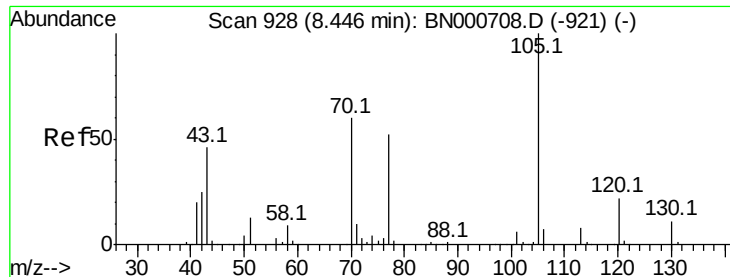
Tot Ion: 93 Resp: 1578
 Ion Ratio Lower Upper
 93 100
 63 618.2 67.1 107.1#
 95 249.7 11.5 51.5#



#15
 Benzyl Alcohol
 Concen: 2.491 ng
 RT: 7.95 min Scan# 844
 Delta R.T. 0.08 min
 Lab File: BN000720.D
 Acq: 09 Apr 2018 21:26

Tgt Ion: 79 Resp: 25683
 Ion Ratio Lower Upper
 79 100
 108 33.1 57.2 85.8#
 77 123.4 46.1 69.1#

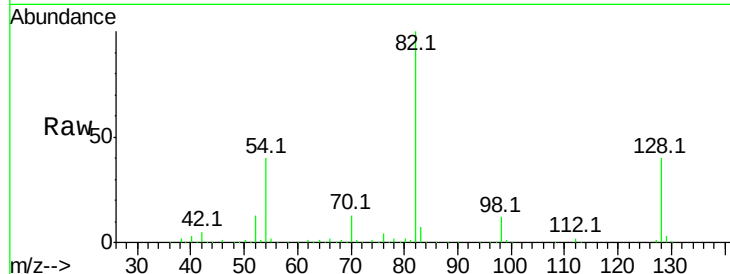




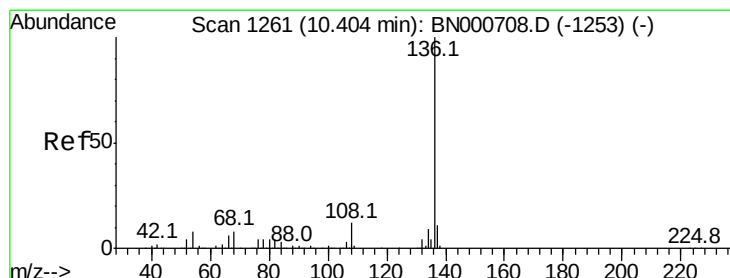
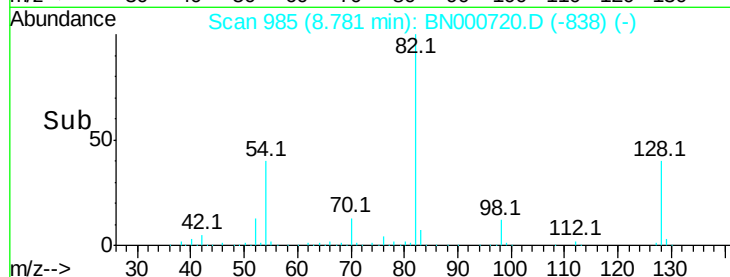
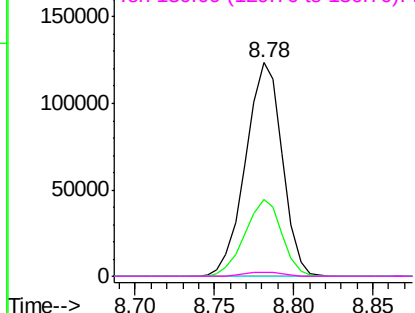
#19
n-Nitroso-di-n-propylamine
Concen: 20.965 ng
RT: 8.78 min Scan# 985
Delta R.T. 0.34 min
Lab File: BN000720.D
Acq: 09 Apr 2018 21:26

Instrument :
BNA_N
ClientSampleId :

Tot Ion: 70 Resp: 198327
Ion Ratio Lower Upper
70 100
42 35.8 49.1 73.7#
101 0.0 8.5 12.7#
130 2.1 13.4 20.0#

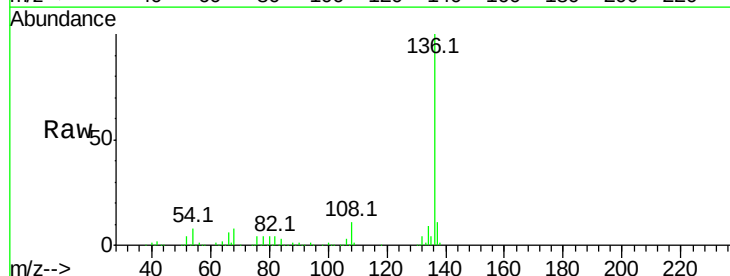


Abundance Ion 70.00 (69.70 to 70.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

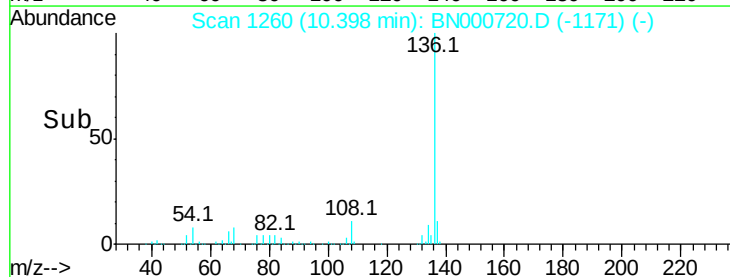
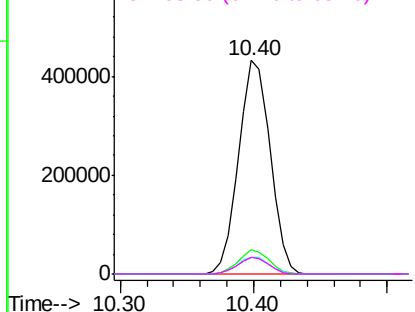


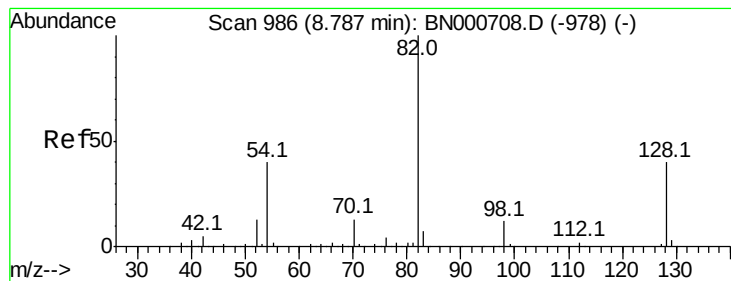
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.40 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BN000720.D
Acq: 09 Apr 2018 21:26

Tgt Ion: 136 Resp: 709803
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 8.1 10.3 15.5#
68 7.9 4.5 6.7#



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): BN0
Ion 68.00 (67.70 to 68.70): BN0





#23

Nitrobenzene-d5

Concen: 116.779 ng

RT: 8.78 min Scan# 985

Delta R.T. -0.01 min

Lab File: BN000720.D

Acq: 09 Apr 2018 21:26

Instrument :

BNA_N

ClientSampleId :

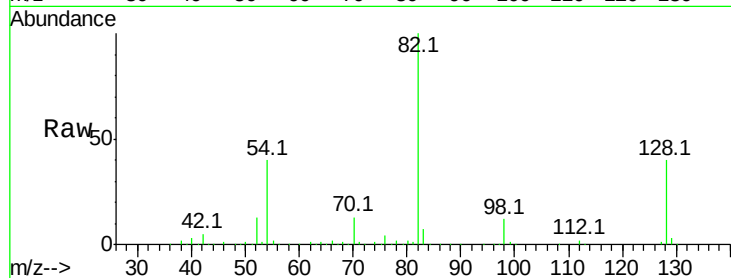
Tot Ion: 82 Resp: 1566394

Ion Ratio Lower Upper

82 100

128 40.1 29.7 44.5

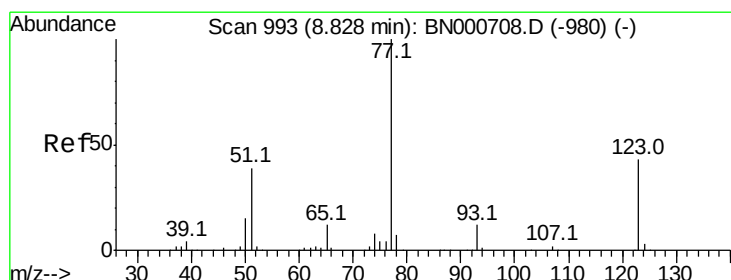
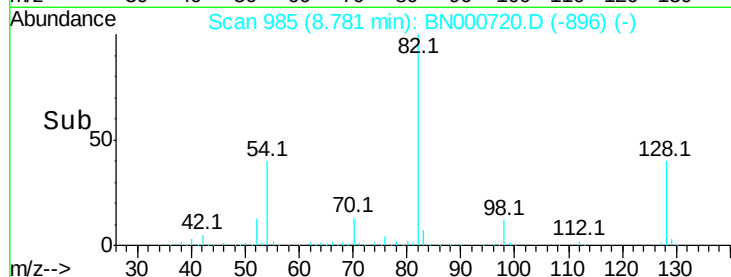
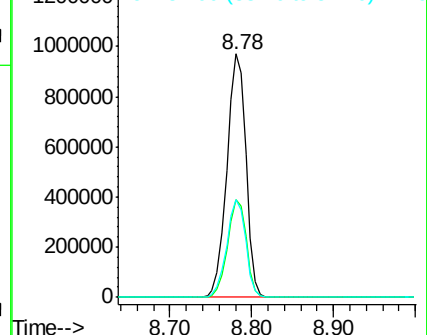
54 40.0 43.1 64.7#



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: 0.305 ng

RT: 8.78 min Scan# 985

Delta R.T. -0.05 min

Lab File: BN000720.D

Acq: 09 Apr 2018 21:26

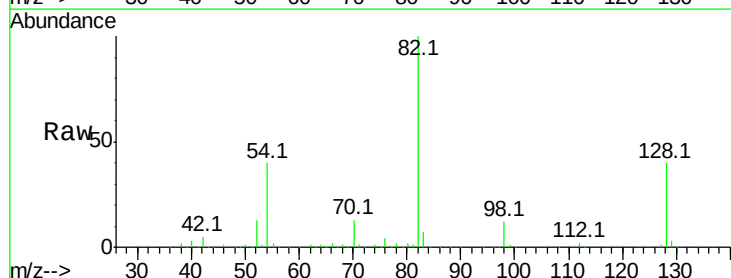
Tgt Ion: 77 Resp: 4438

Ion Ratio Lower Upper

77 100

123 0.0 33.0 49.6#

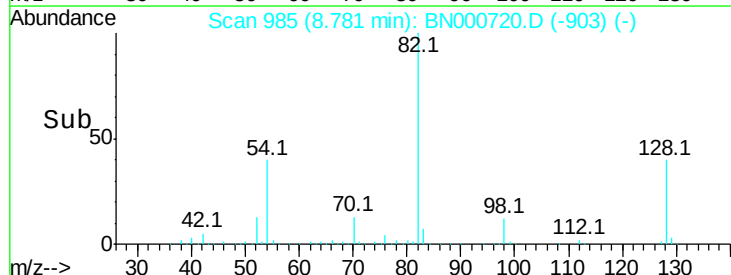
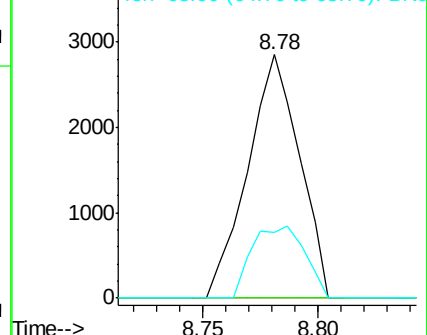
65 26.9 13.0 19.6#

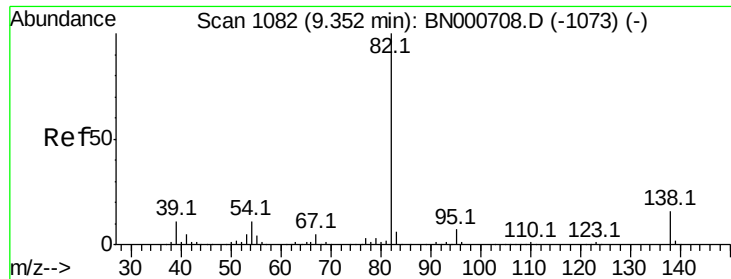


Abundance Ion 77.00 (76.70 to 77.70): BN0

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: 8.92 min Scan# 1009

Delta R.T. -0.43 min

Lab File: BN000720.D

Acq: 09 Apr 2018 21:26

Instrument :

BNA_N

ClientSampleId :

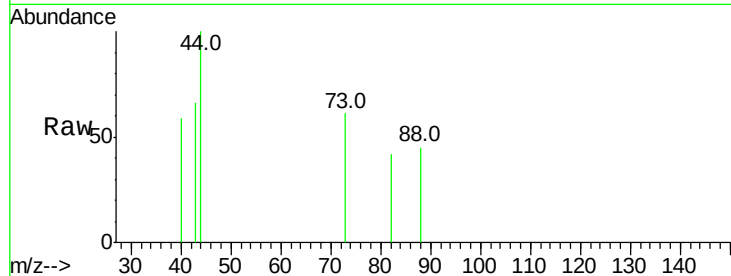
Tot Ion: 82 Resp: 113

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): BN000720.D (-1073) (-)

Ion 95.00 (94.70 to 95.70): BN000720.D (-1073) (-)

Ion 138.00 (137.70 to 138.70): BN000720.D (-1073) (-)

8.92

300

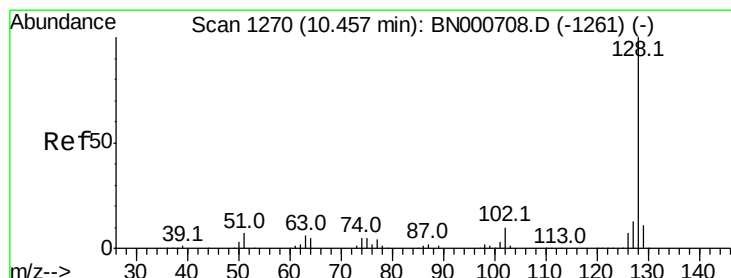
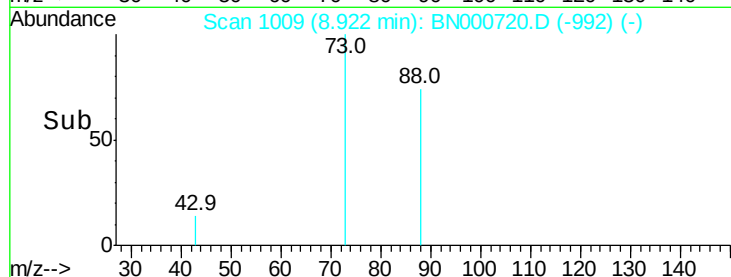
200

100

0

8.91 8.92 8.93 8.94

Time-->



#31

Naphthalene

Concen: 0.007 ng

RT: 10.45 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BN000720.D

Acq: 09 Apr 2018 21:26

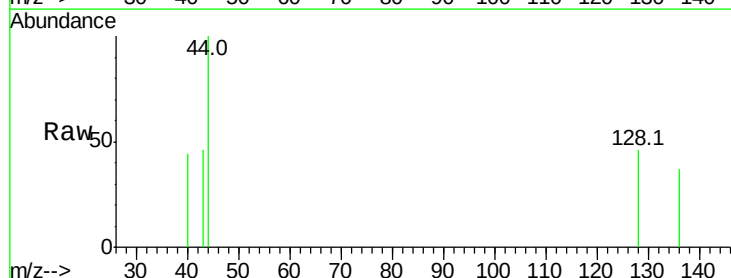
Tgt Ion: 128 Resp: 269

Ion Ratio Lower Upper

128 100

129 0.0 8.6 12.8#

127 0.0 11.6 17.4#



Abundance Ion 128.00 (127.70 to 128.70): BN000720.D (-1180) (-)

Ion 129.00 (128.70 to 129.70): BN000720.D (-1180) (-)

Ion 127.00 (126.70 to 127.70): BN000720.D (-1180) (-)

10.45

500

400

300

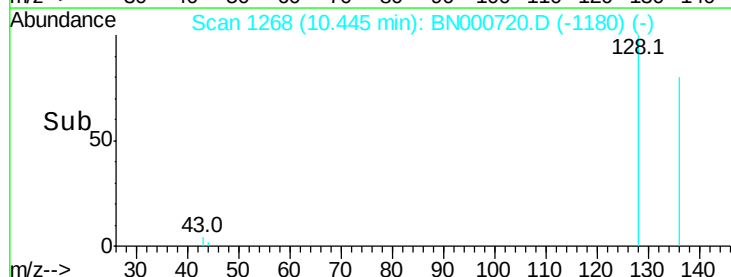
200

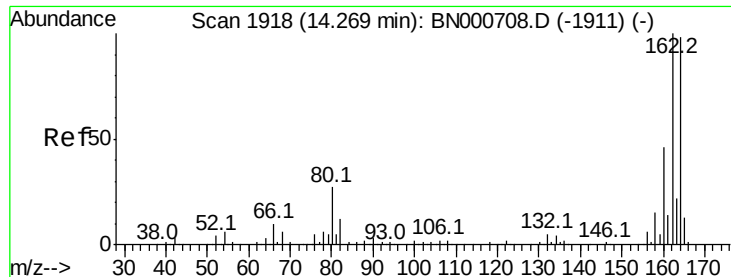
100

0

10.42 10.44 10.46

Time-->

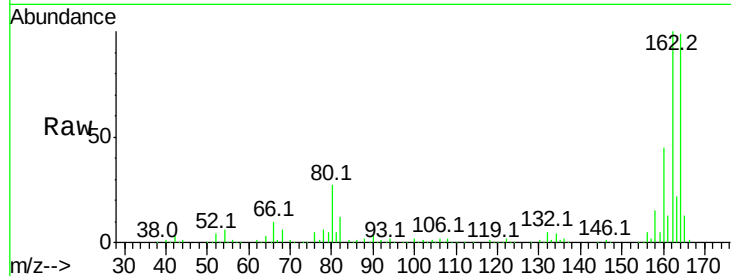




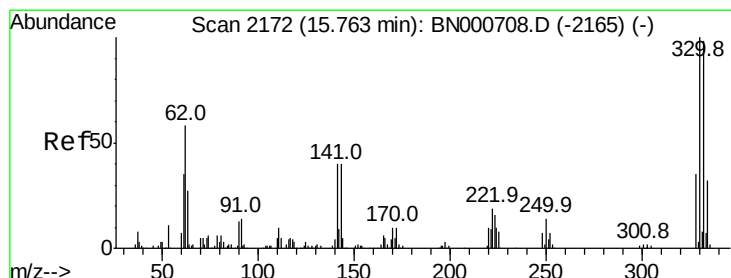
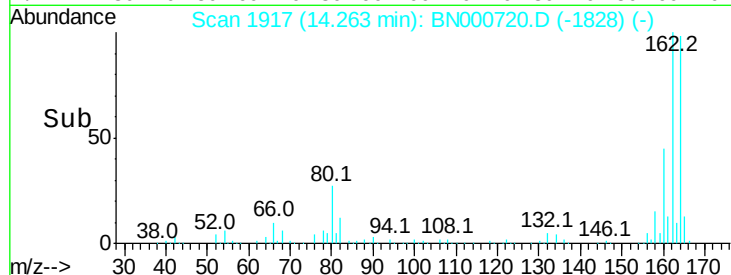
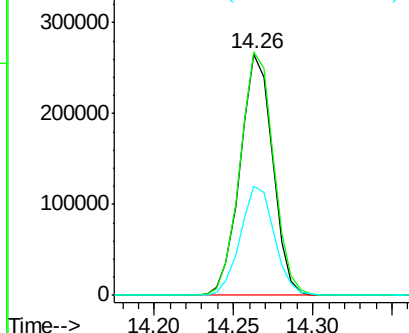
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.26 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BN000720.D
Acq: 09 Apr 2018 21:26

Instrument :
BNA_N
ClientSampleId :

Tot Ion:164 Resp: 378103
Ion Ratio Lower Upper
164 100
162 100.8 78.8 118.2
160 45.4 35.4 53.0

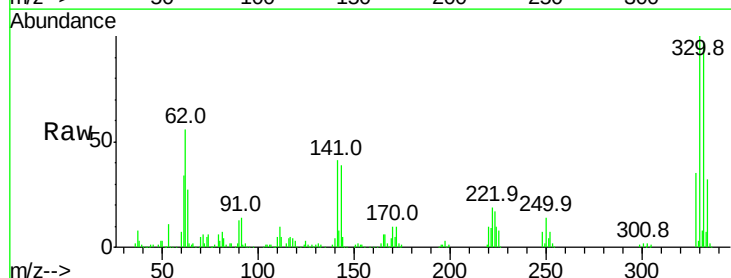


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

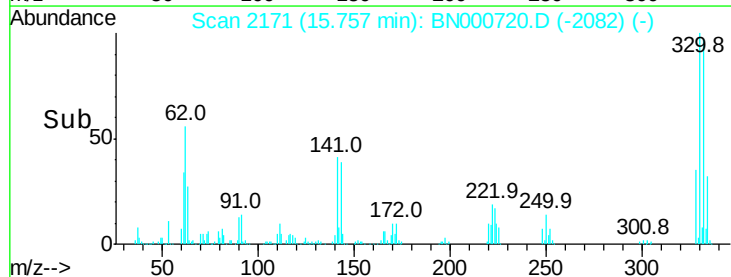
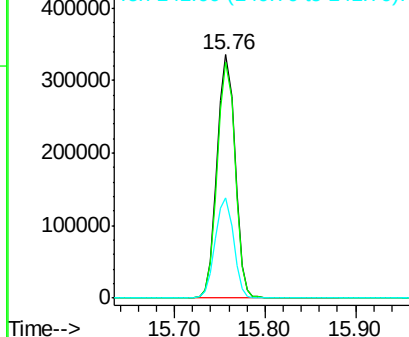


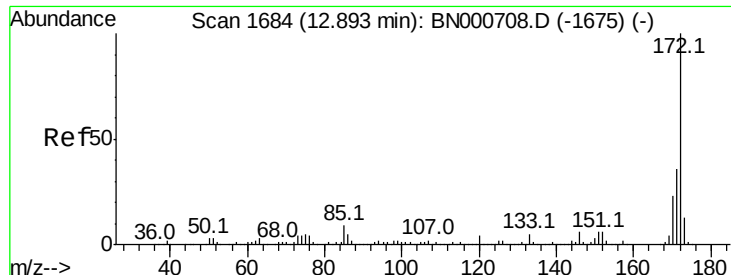
#41
2,4,6-Tribromophenol
Concen: 124.498 ng
RT: 15.76 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BN000720.D
Acq: 09 Apr 2018 21:26

Tgt Ion:330 Resp: 462816
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.6
141 42.2 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



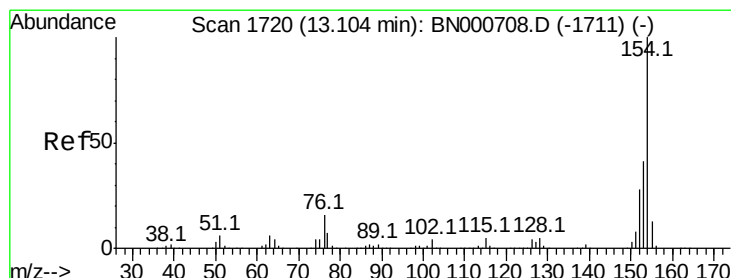
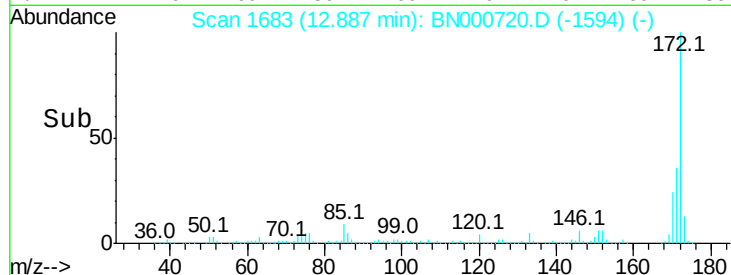
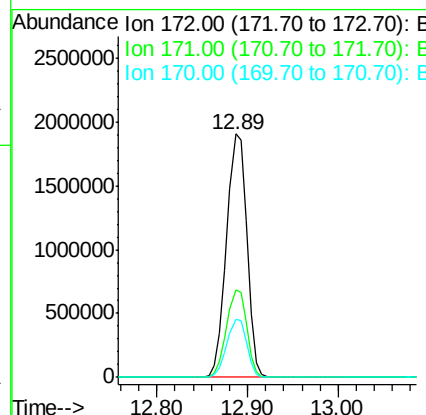
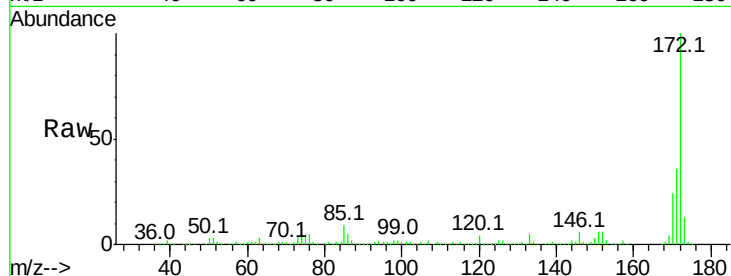


#44
 2-Fluorobiphenyl
 Concen: 108.028 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BN000720.D
 Acq: 09 Apr 2018 21:26

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:172 Resp: 2963604

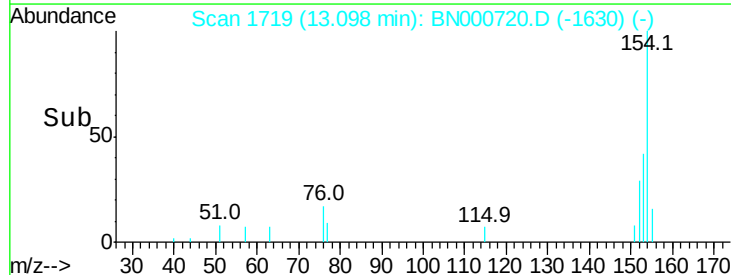
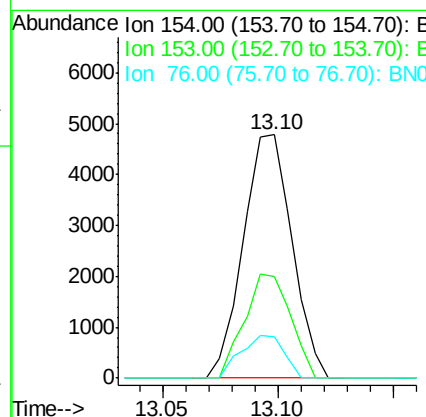
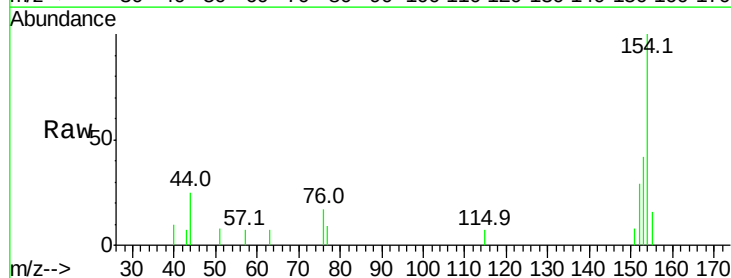
Ion	Ratio	Lower	Upper
172	100		
171	35.8	30.0	45.0
170	23.8	19.5	29.3

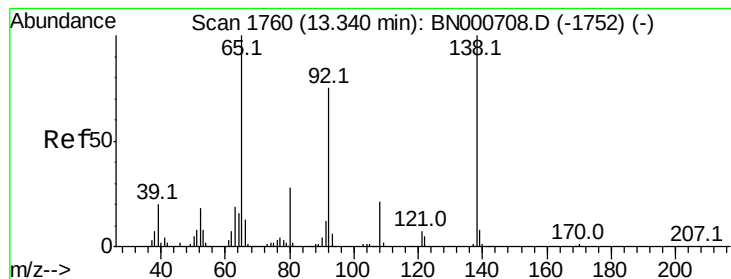


#45
 1,1'-Biphenyl
 Concen: 0.207 ng
 RT: 13.10 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BN000720.D
 Acq: 09 Apr 2018 21:26

Tgt Ion:154 Resp: 7036

Ion	Ratio	Lower	Upper
154	100		
153	41.7	19.8	59.8
76	16.8	0.0	31.9





#47

2-Nitroaniline

Concen: 0.104 ng

RT: 13.73 min Scan# 1826

Delta R.T. 0.39 min

Lab File: BN000720.D

Acq: 09 Apr 2018 21:26

Instrument :

BNA_N

ClientSampleId :

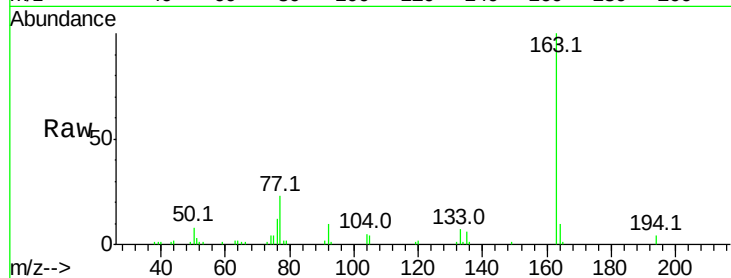
Tot Ion: 65 Resp: 751

Ion Ratio Lower Upper

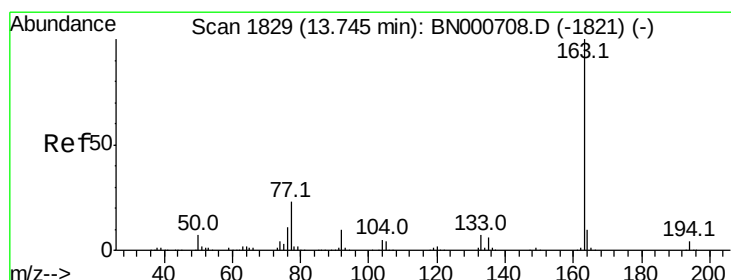
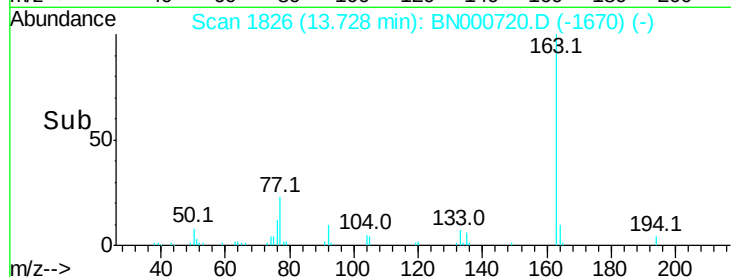
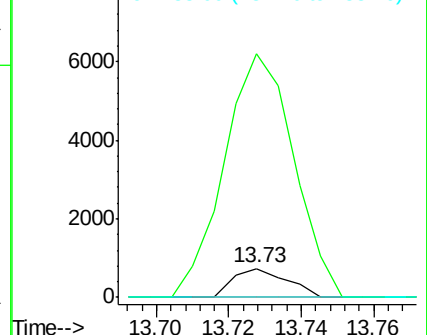
65 100

92 835.7 54.6 82.0#

138 0.0 72.9 109.3#



Abundance Ion 65.00 (64.70 to 65.70): BN0
Ion 92.00 (91.70 to 92.70): BN0
Ion 138.00 (137.70 to 138.70): E



#49

Dimethylphthalate

Concen: 2.708 ng

RT: 13.73 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BN000720.D

Acq: 09 Apr 2018 21:26

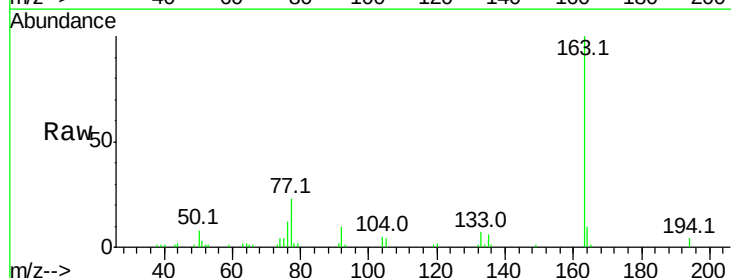
Tgt Ion:163 Resp: 81501

Ion Ratio Lower Upper

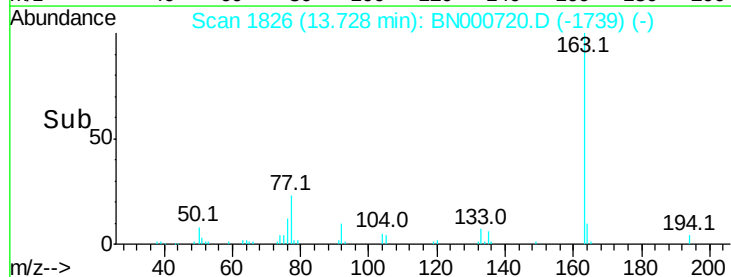
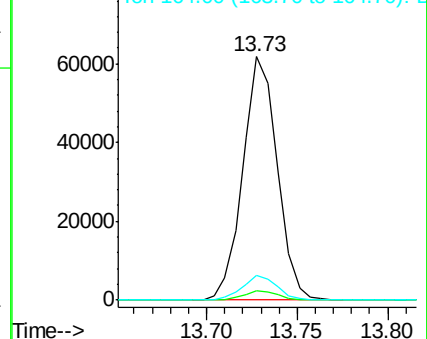
163 100

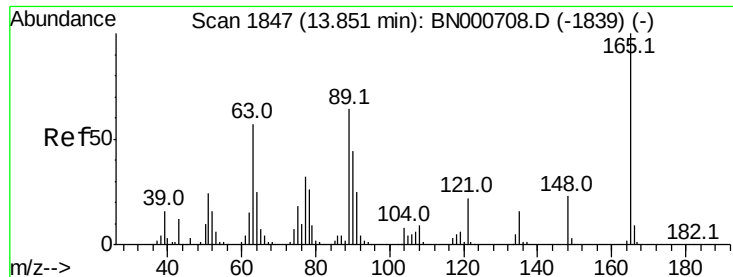
194 3.7 3.4 5.2

164 10.2 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

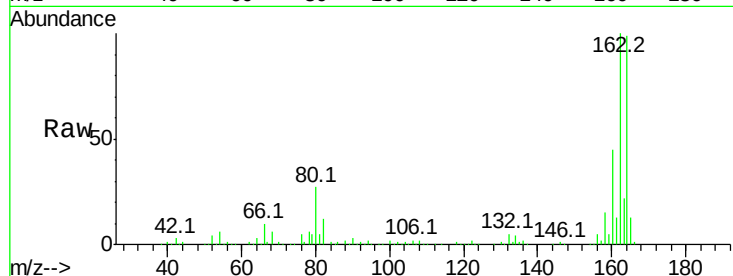




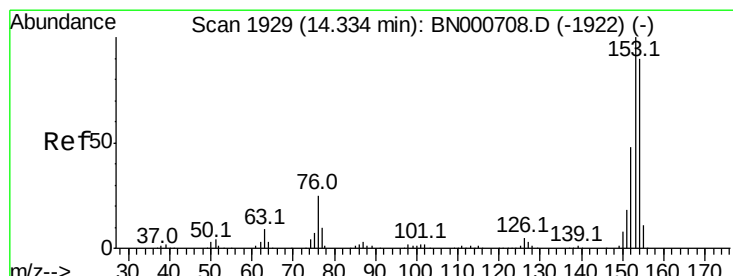
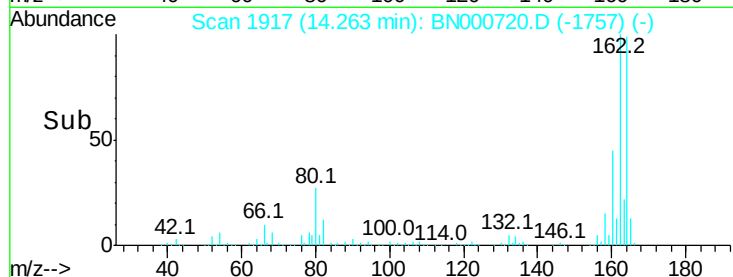
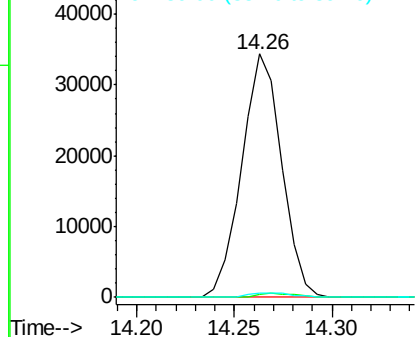
#50
 2,6-Dinitrotoluene
 Concen: 7.794 ng
 RT: 14.26 min Scan# 1917
 Delta R.T. 0.41 min
 Lab File: BN000720.D
 Acq: 09 Apr 2018 21:26

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:165 Resp: 48577
 Ion Ratio Lower Upper
 165 100
 63 1.2 52.7 79.1#
 89 1.7 49.2 73.8#

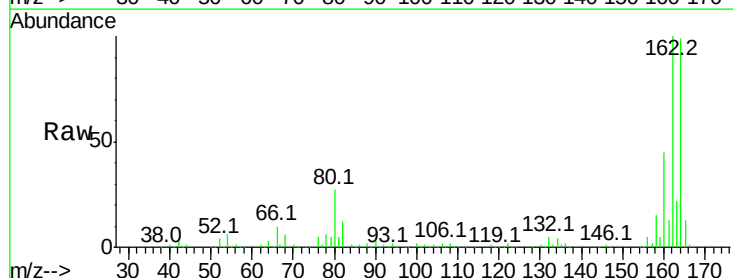


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 89.00 (88.70 to 89.70): BNC

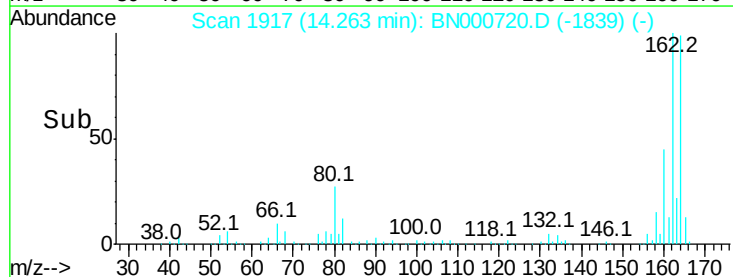
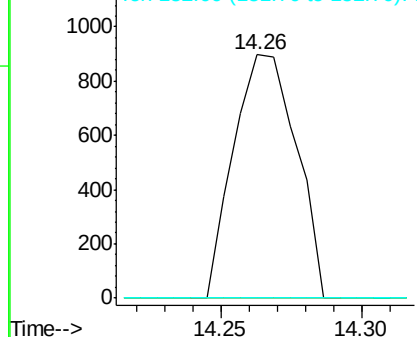


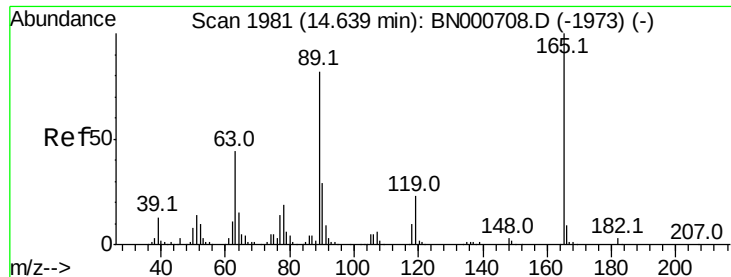
#51
 Acenaphthene
 Concen: 0.056 ng
 RT: 14.26 min Scan# 1917
 Delta R.T. -0.07 min
 Lab File: BN000720.D
 Acq: 09 Apr 2018 21:26

Tgt Ion:154 Resp: 1381
 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

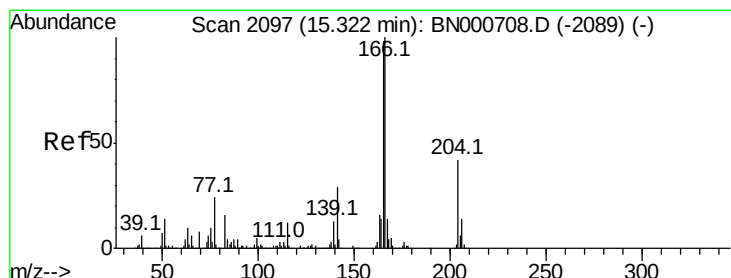
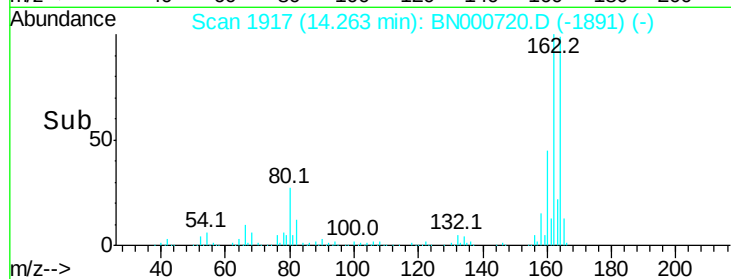
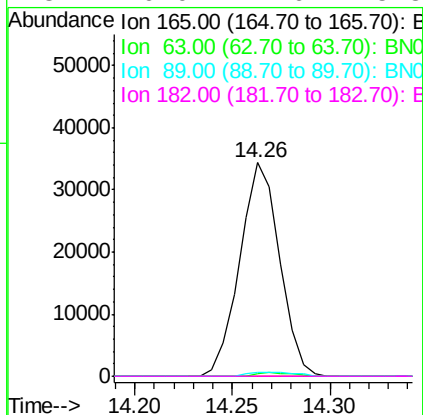
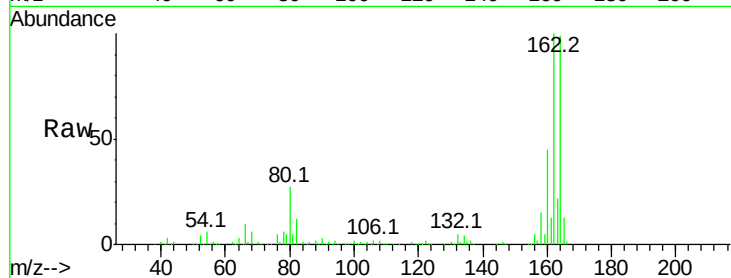




#56
2,4-Dinitrotoluene
Concen: 6.003 ng
RT: 14.26 min Scan# 1917
Delta R.T. -0.38 min
Lab File: BN000720.D
Acq: 09 Apr 2018 21:26

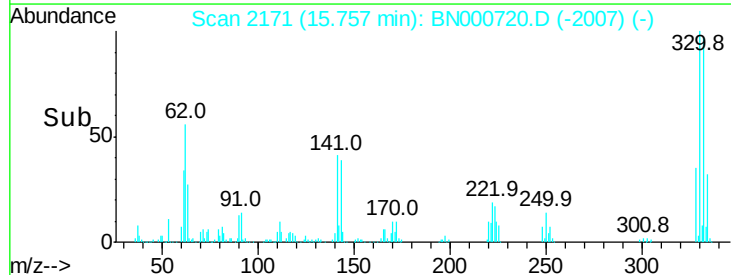
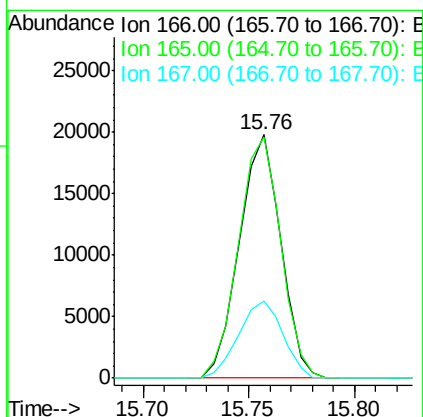
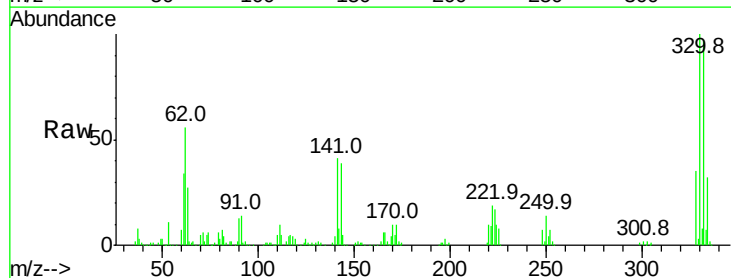
Instrument :
BNA_N
ClientSampled :

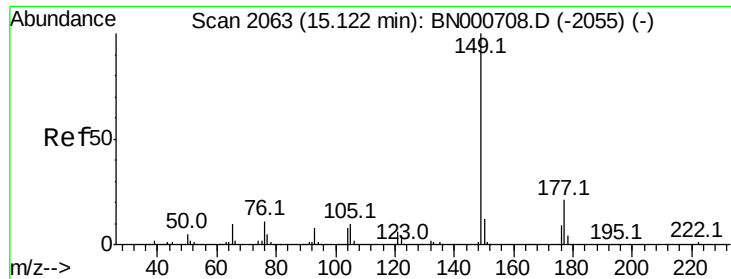
Tot Ion:165 Resp: 48577
Ion Ratio Lower Upper
165 100
63 1.2 42.0 63.0#
89 1.7 66.9 100.3#
182 0.0 2.6 3.8#



#57
Fluorene
Concen: 0.956 ng
RT: 15.76 min Scan# 2171
Delta R.T. 0.44 min
Lab File: BN000720.D
Acq: 09 Apr 2018 21:26

Tgt Ion:166 Resp: 26950
Ion Ratio Lower Upper
166 100
165 98.9 80.6 121.0
167 31.7 10.4 15.6#

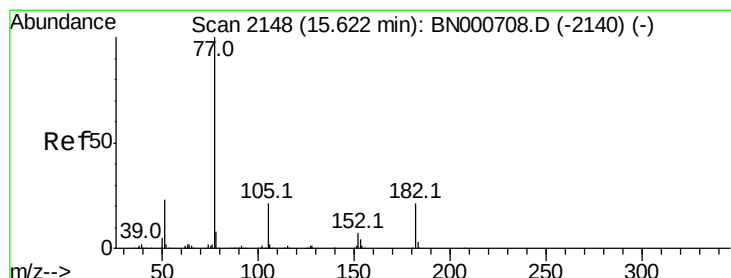
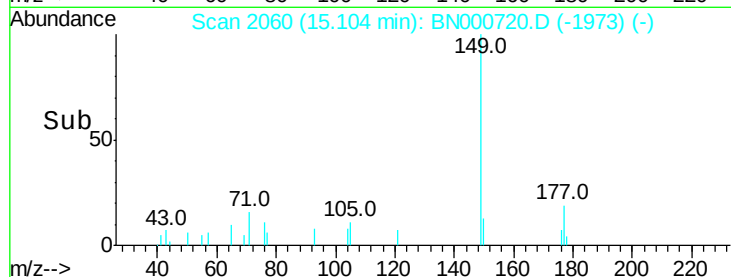
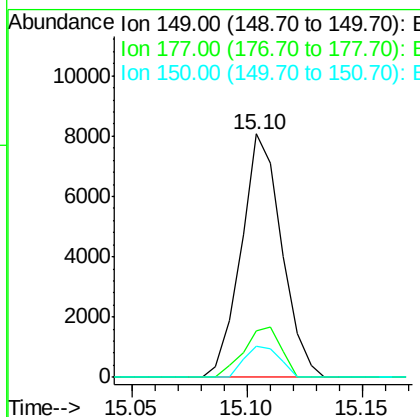
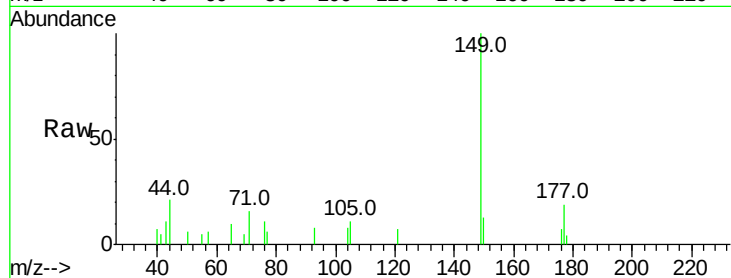




#59
Diethylphthalate
Concen: 0.334 ng
RT: 15.10 min Scan# 2060
Delta R.T. -0.02 min
Lab File: BN000720.D
Acq: 09 Apr 2018 21:26

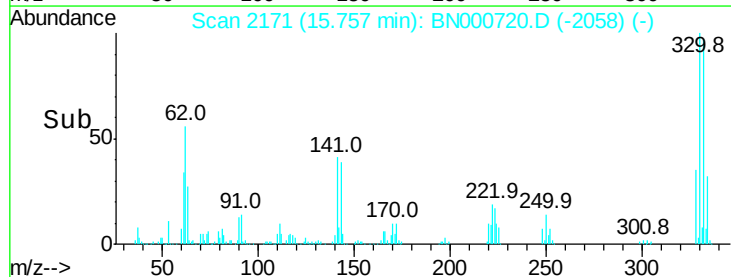
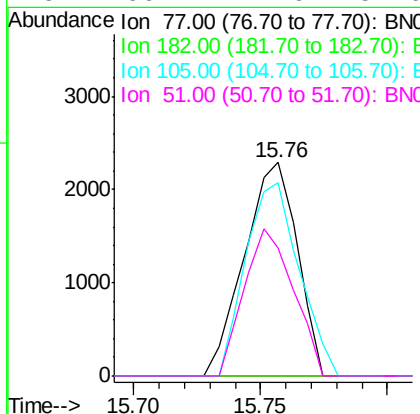
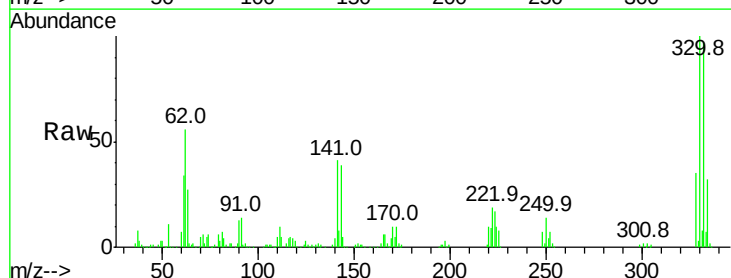
Instrument :
BNA_N
ClientSampled :

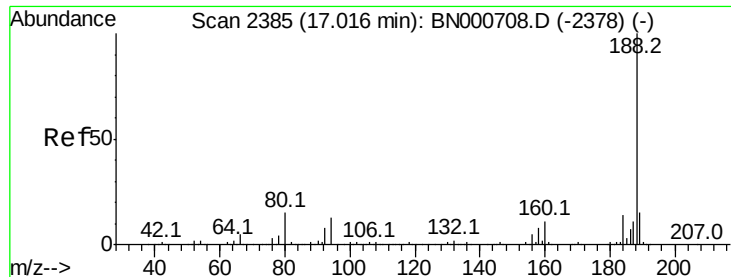
Tot Ion:149 Resp: 9877
Ion Ratio Lower Upper
149 100
177 19.1 18.5 27.7
150 12.6 10.2 15.2



#62
Azobenzene
Concen: 0.102 ng
RT: 15.76 min Scan# 2171
Delta R.T. 0.14 min
Lab File: BN000720.D
Acq: 09 Apr 2018 21:26

Tgt Ion: 77 Resp: 3336
Ion Ratio Lower Upper
77 100
182 0.0 7.4 47.4#
105 90.4 0.3 40.3#
51 60.2 11.6 51.6#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.01 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BN000720.D

Acq: 09 Apr 2018 21:26

Instrument :

BNA_N

ClientSampleId :

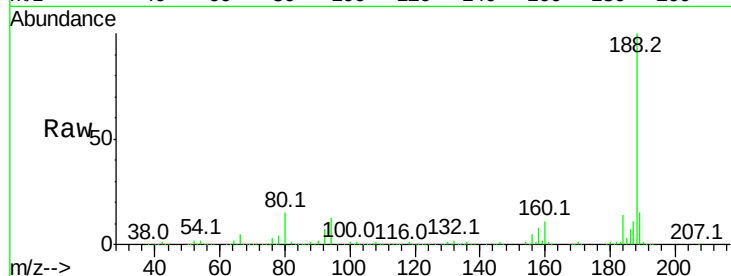
Tot Ion:188 Resp: 813553

Ion Ratio Lower Upper

188 100

94 13.2 6.9 10.3#

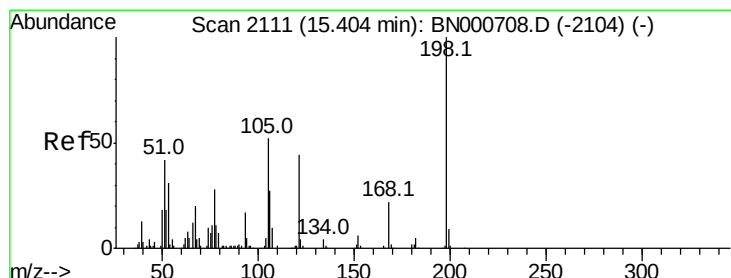
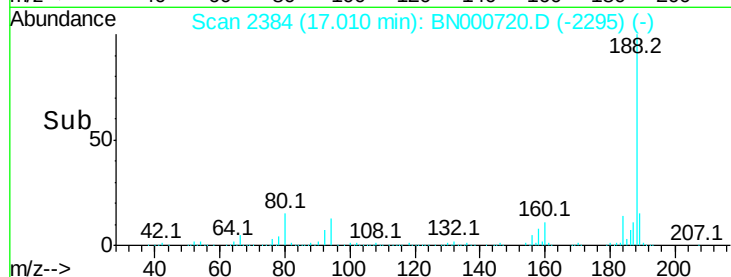
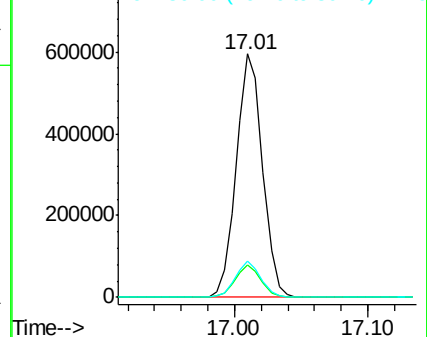
80 14.6 7.7 11.5#



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



#64

4,6-Dinitro-2-methylphenol

Concen: 0.289 ng

RT: 15.76 min Scan# 2171

Delta R.T. 0.35 min

Lab File: BN000720.D

Acq: 09 Apr 2018 21:26

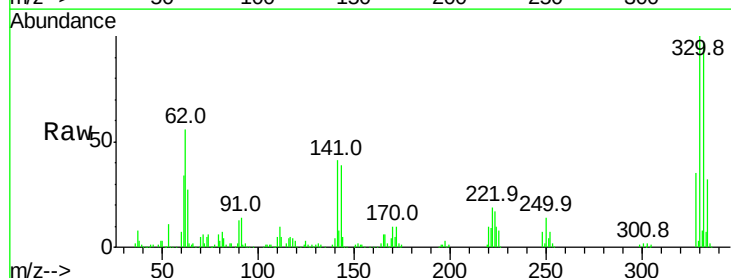
Tgt Ion:198 Resp: 1399

Ion Ratio Lower Upper

198 100

51 125.6 30.6 70.6#

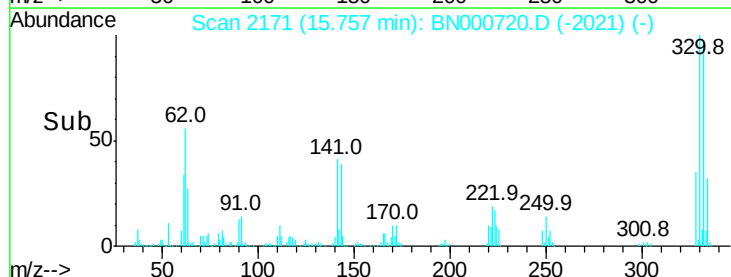
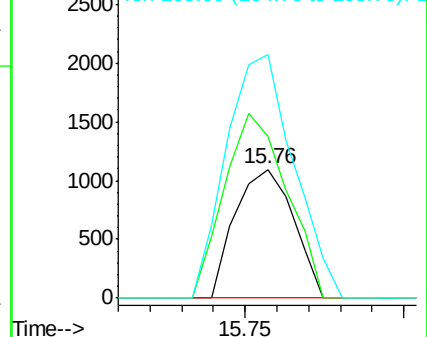
105 188.7 23.8 63.8#

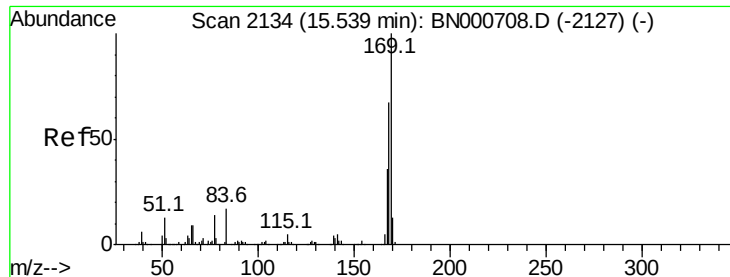


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

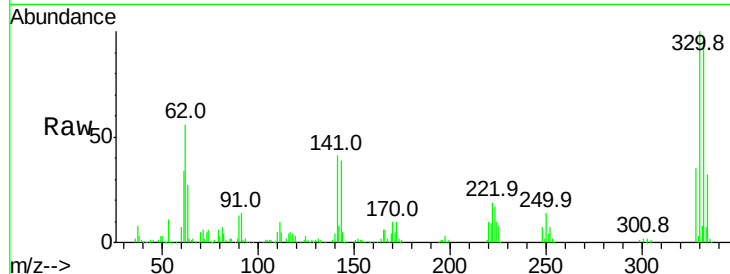




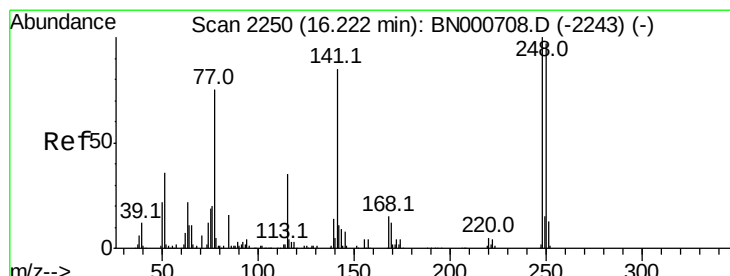
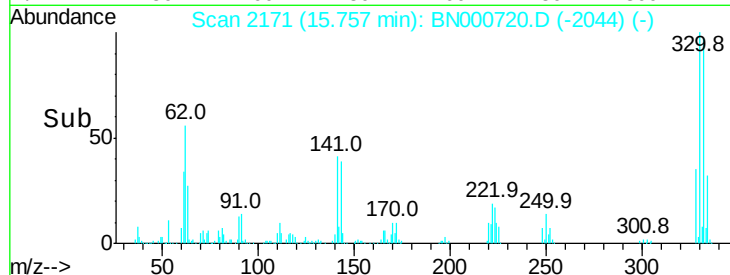
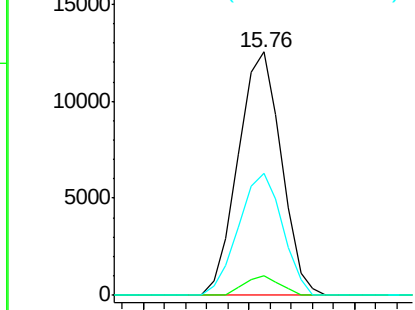
#65
 n-Nitrosodiphenylamine
 Concen: 0.653 ng
 RT: 15.76 min Scan# 2171
 Delta R.T. 0.22 min
 Lab File: BN000720.D
 Acq: 09 Apr 2018 21:26

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:169 Resp: 17737
 Ion Ratio Lower Upper
 169 100
 168 8.0 55.7 83.5#
 167 50.0 30.1 45.1#

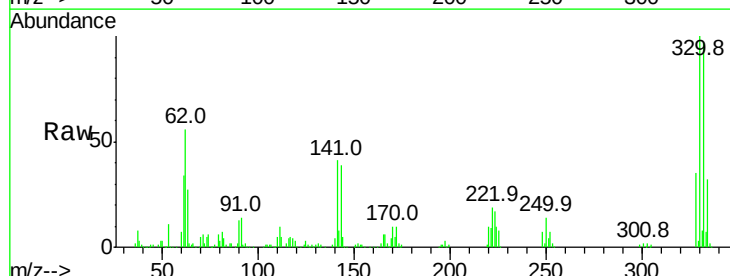


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

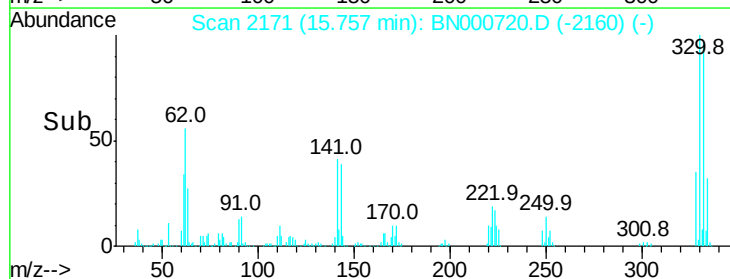
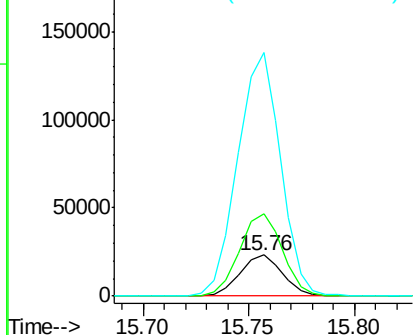


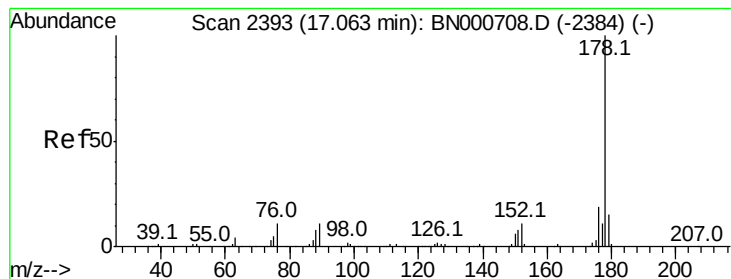
#66
 4-Bromophenyl-phenylether
 Concen: 3.980 ng
 RT: 15.76 min Scan# 2171
 Delta R.T. -0.46 min
 Lab File: BN000720.D
 Acq: 09 Apr 2018 21:26

Tgt Ion:248 Resp: 32376
 Ion Ratio Lower Upper
 248 100
 250 199.4 77.1 115.7#
 141 589.9 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





#70

Phenanthrene

Concen: 0.009 ng

RT: 17.05 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BN000720.D

Acq: 09 Apr 2018 21:26

Instrument :

BNA_N

ClientSampleId :

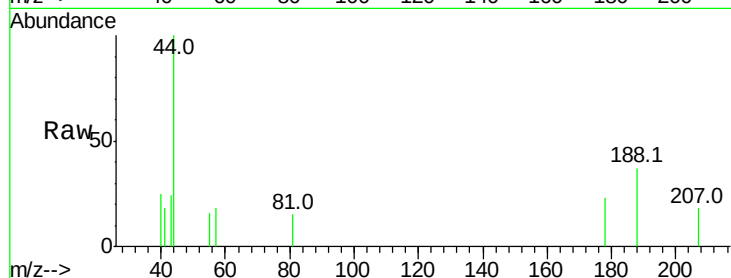
Tot Ion:178 Resp: 435

Ion Ratio Lower Upper

178 100

176 0.0 15.7 23.5#

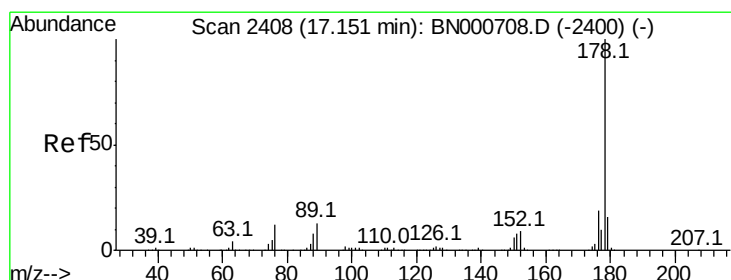
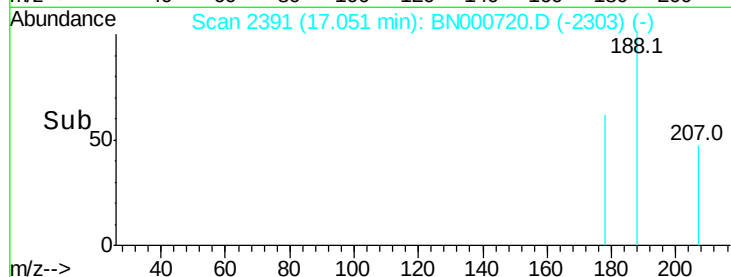
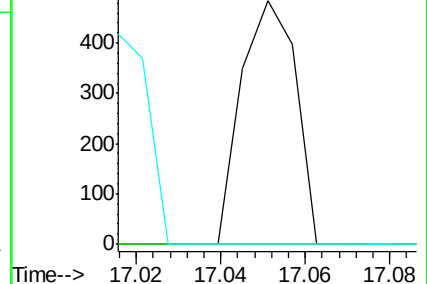
179 0.0 12.5 18.7#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 0.009 ng

RT: 17.05 min Scan# 2391

Delta R.T. -0.10 min

Lab File: BN000720.D

Acq: 09 Apr 2018 21:26

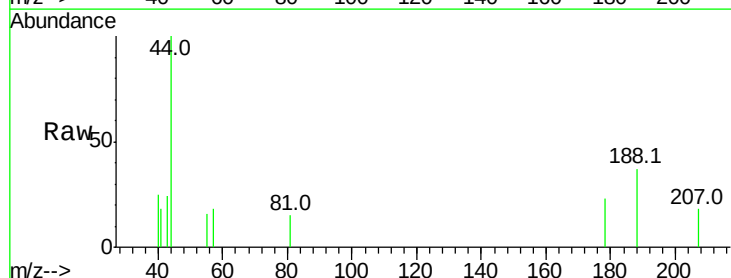
Tgt Ion:178 Resp: 435

Ion Ratio Lower Upper

178 100

176 0.0 16.0 24.0#

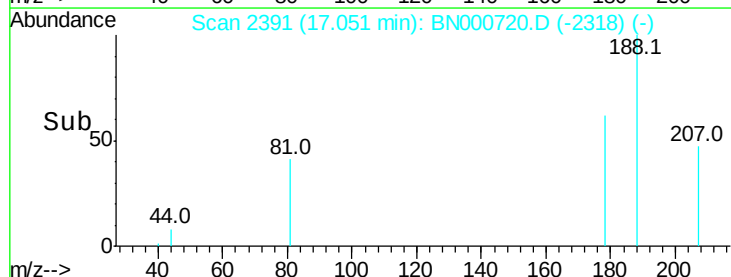
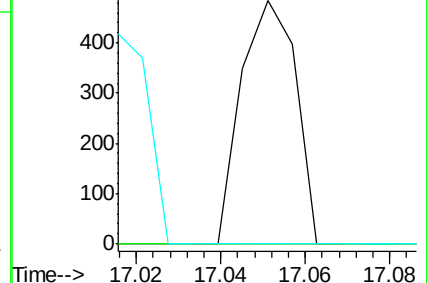
179 0.0 12.5 18.7#

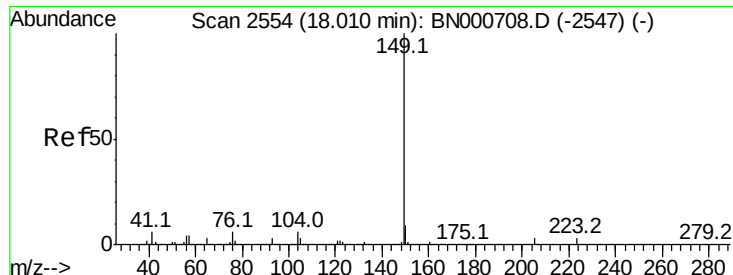


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Di-n-butylphthalate

Concen: 0.028 ng

RT: 18.00 min Scan# 2553

Delta R.T. -0.01 min

Lab File: BN000720.D

Acq: 09 Apr 2018 21:26

Instrument :

BNA_N

ClientSampleId :

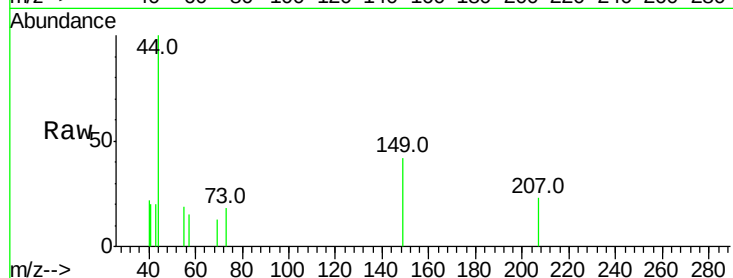
Tot Ion:149 Resp: 1425

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

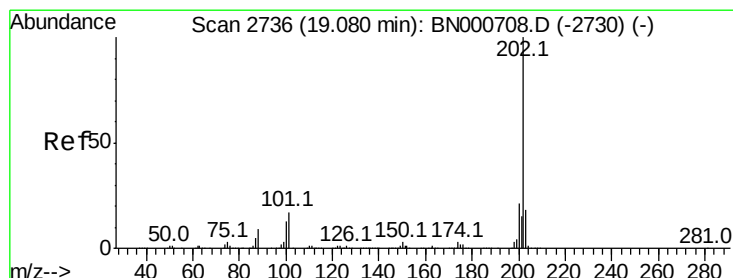
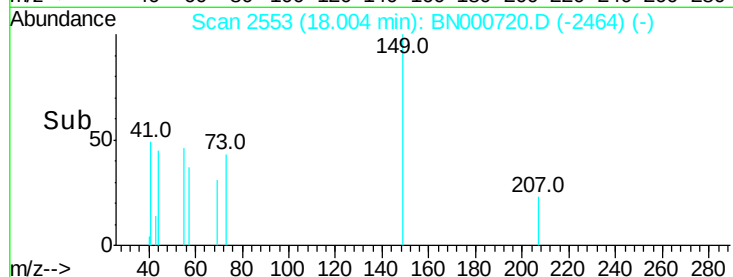
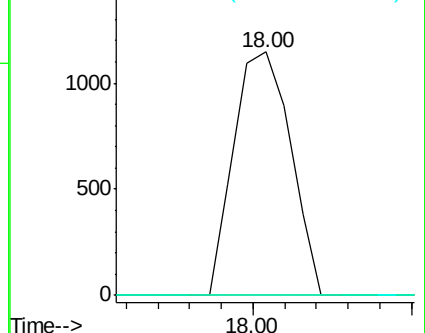
104 0.0 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 0.009 ng

RT: 19.07 min Scan# 2735

Delta R.T. -0.01 min

Lab File: BN000720.D

Acq: 09 Apr 2018 21:26

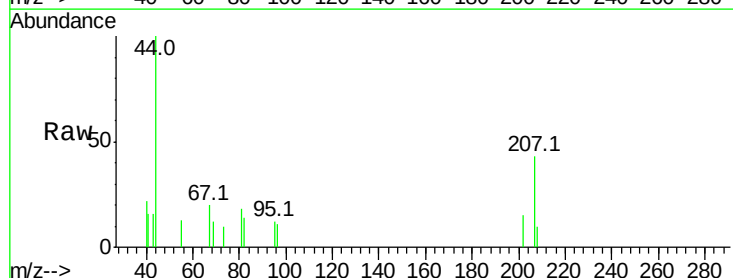
Tgt Ion:202 Resp: 406

Ion Ratio Lower Upper

202 100

101 0.0 0.0 28.9

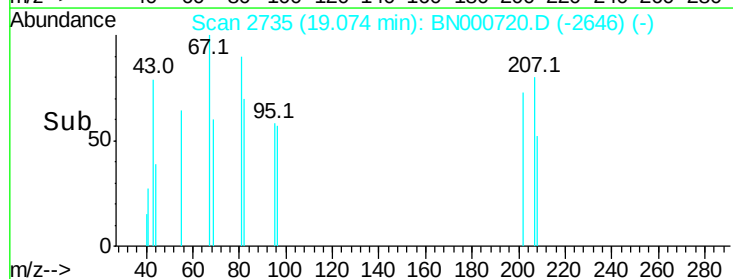
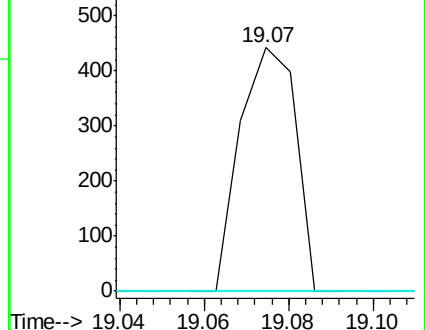
203 0.0 0.0 37.5

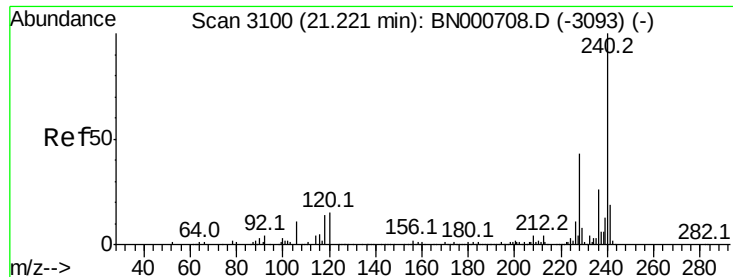


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.22 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BN000720.D

Acq: 09 Apr 2018 21:26

Instrument :

BNA_N

ClientSampleId :

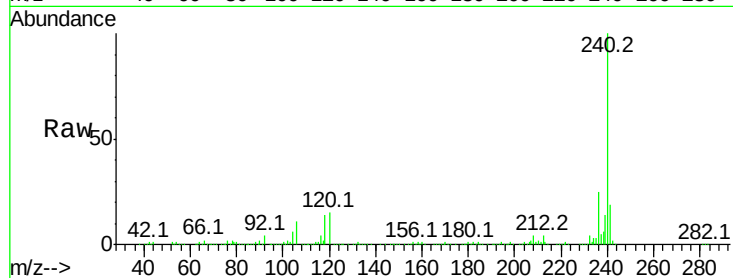
Tot Ion:240 Resp: 743692

Ion Ratio Lower Upper

240 100

120 15.3 6.8 10.2#

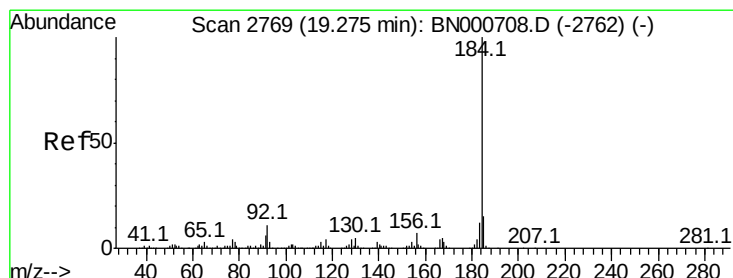
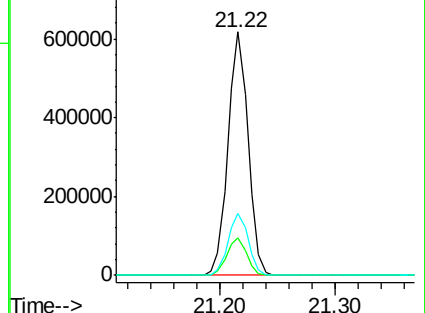
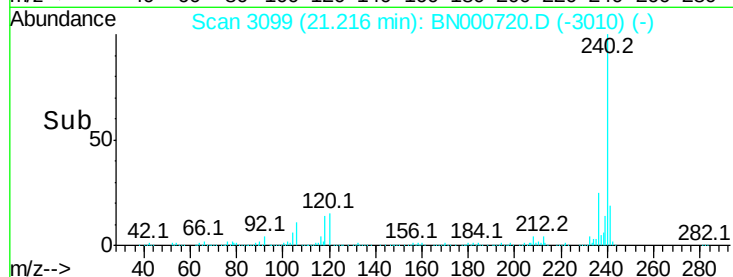
236 25.5 20.9 31.3



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: 2.816 ng

RT: 19.66 min Scan# 2835

Delta R.T. 0.39 min

Lab File: BN000720.D

Acq: 09 Apr 2018 21:26

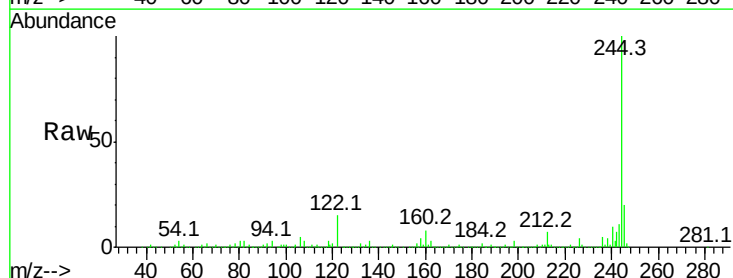
Tgt Ion:184 Resp: 57243

Ion Ratio Lower Upper

184 100

185 16.9 11.1 16.7#

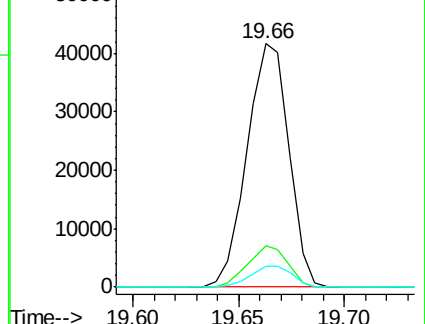
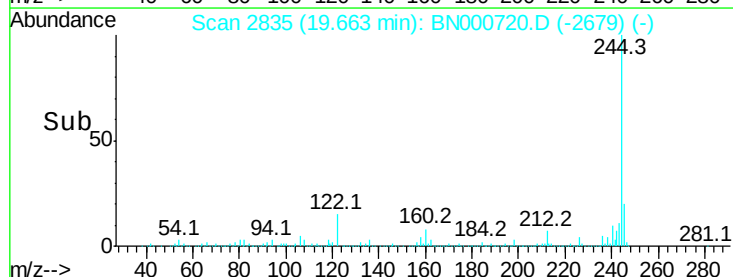
183 8.6 10.6 16.0#

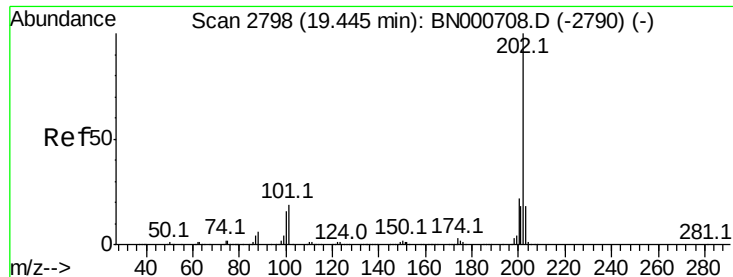


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

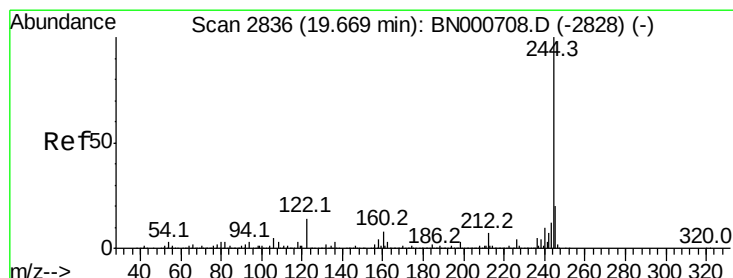
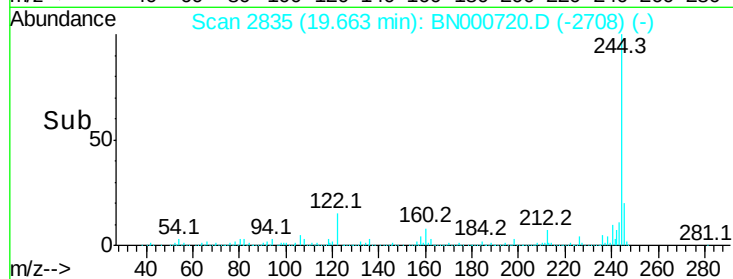
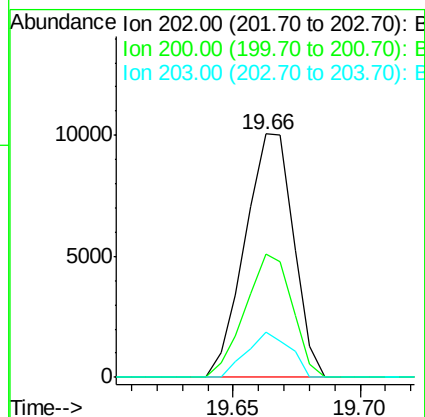
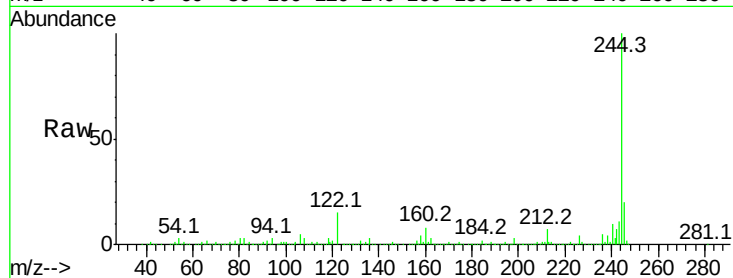




#77
Pvrene
Concen: 0.253 ng
RT: 19.66 min Scan# 2835
Delta R.T. 0.22 min
Lab File: BN000720.D
Acq: 09 Apr 2018 21:26

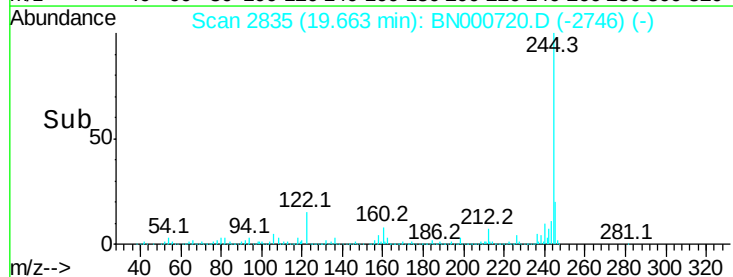
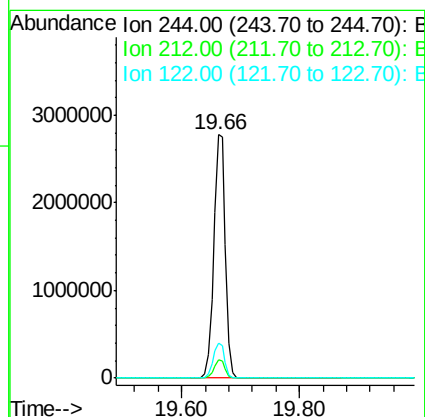
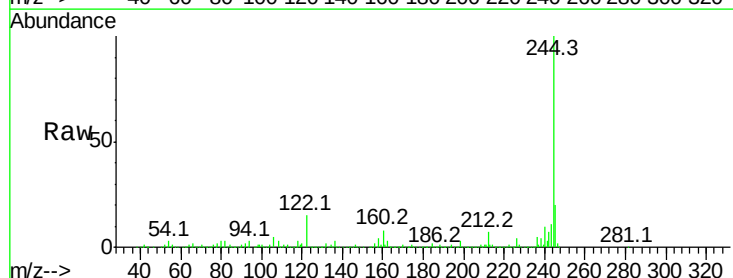
Instrument :
BNA_N
ClientSampleId :

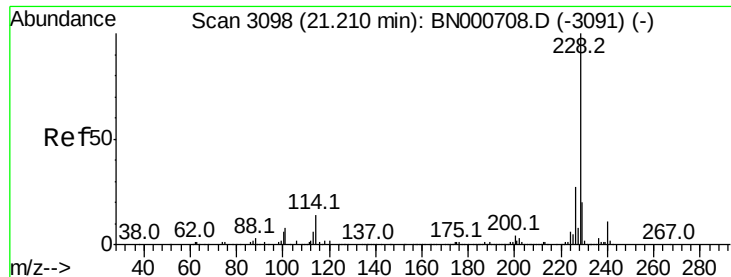
Tot Ion:202 Resp: 13446
Ion Ratio Lower Upper
202 100
200 50.6 16.9 25.3#
203 18.5 13.9 20.9



#78
Terphenyl-d14
Concen: 110.459 ng
RT: 19.66 min Scan# 2835
Delta R.T. -0.01 min
Lab File: BN000720.D
Acq: 09 Apr 2018 21:26

Tgt Ion:244 Resp: 3760898
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.8
122 14.6 7.0 10.4#





#80

Benzo(a)anthracene

Concen: 0.045 ng

RT: 21.22 min Scan# 3099

Delta R.T. 0.01 min

Lab File: BN000720.D

Acq: 09 Apr 2018 21:26

Instrument :

BNA_N

ClientSampled :

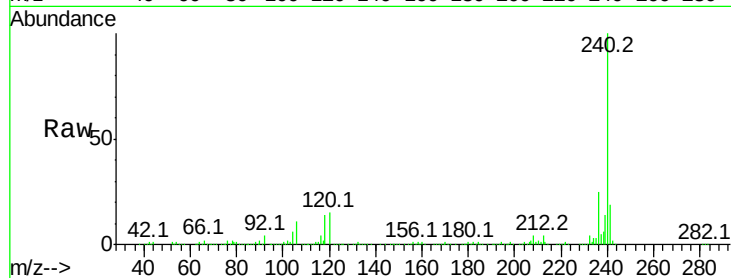
Tot Ion:228 Resp: 2087

Ion Ratio Lower Upper

228 100

226 0.0 22.7 34.1#

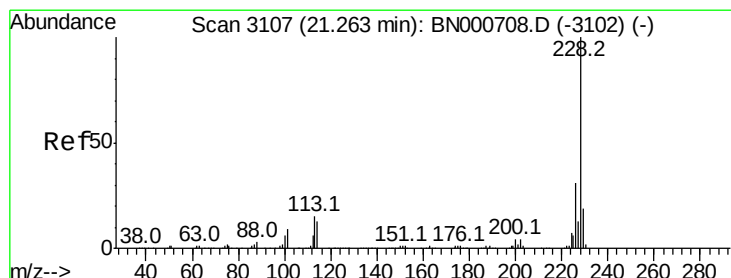
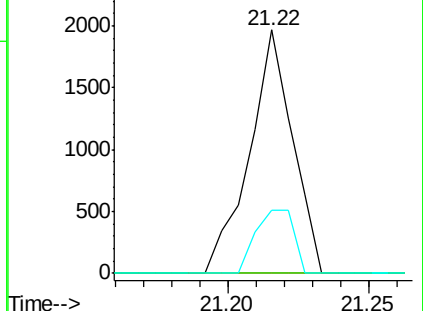
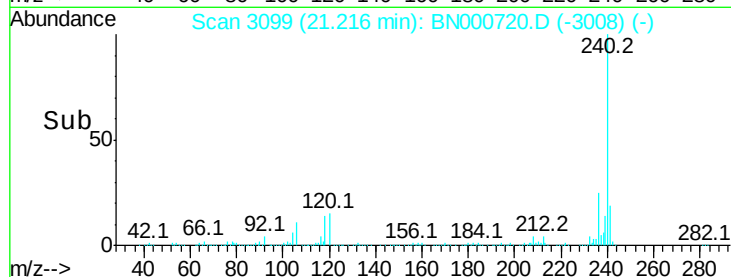
229 25.7 16.2 24.2#



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



#82

Chrysene

Concen: 0.046 ng

RT: 21.22 min Scan# 3099

Delta R.T. -0.05 min

Lab File: BN000720.D

Acq: 09 Apr 2018 21:26

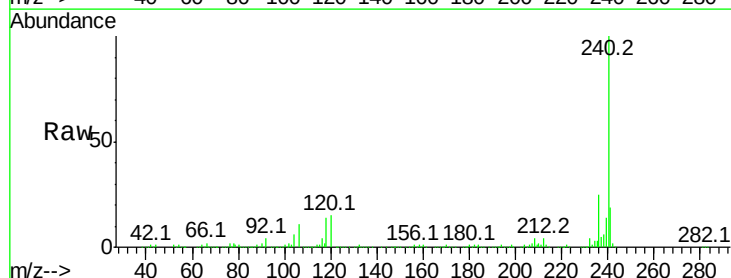
Tgt Ion:228 Resp: 2087

Ion Ratio Lower Upper

228 100

226 0.0 24.9 37.3#

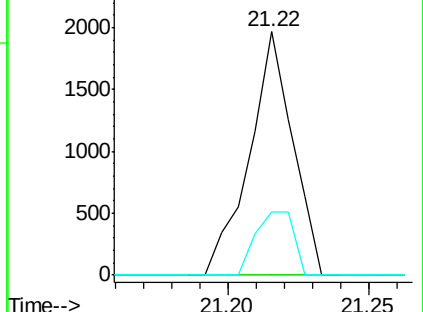
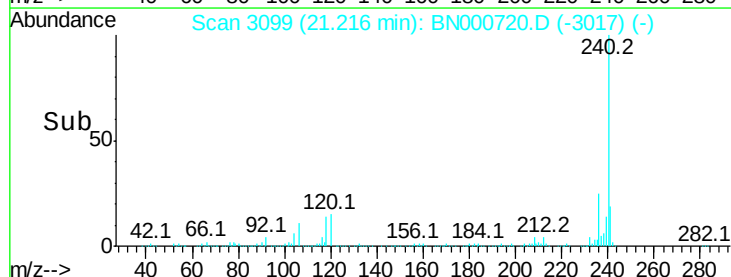
229 25.7 15.0 22.4#

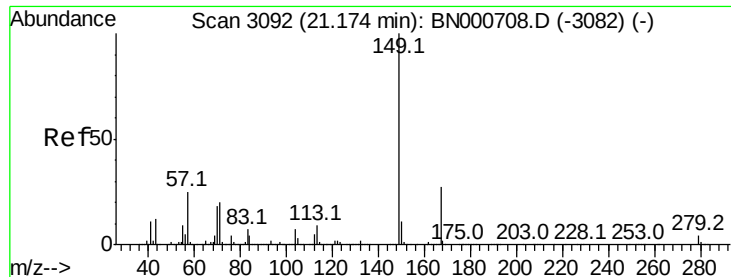


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.076 ng

RT: 21.17 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BN000720.D

Acq: 09 Apr 2018 21:26

Instrument :

BNA_N

ClientSampleId :

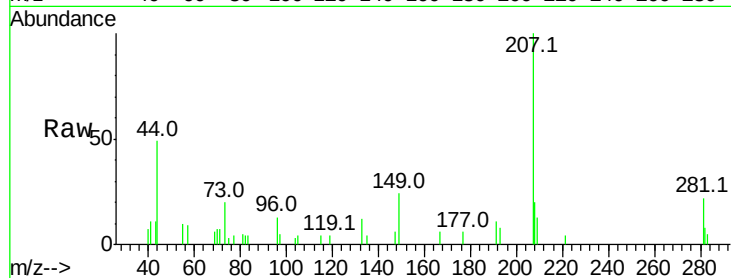
Tot Ion:149 Resp: 2546

Ion Ratio Lower Upper

149 100

167 24.2 24.3 36.5#

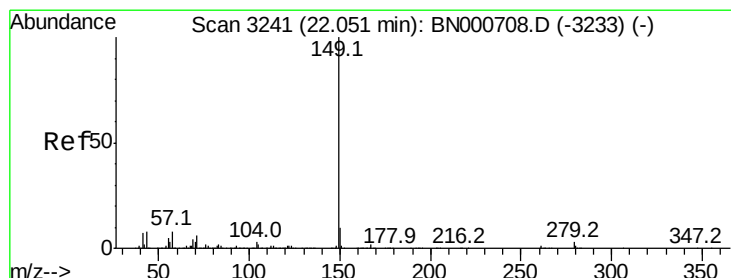
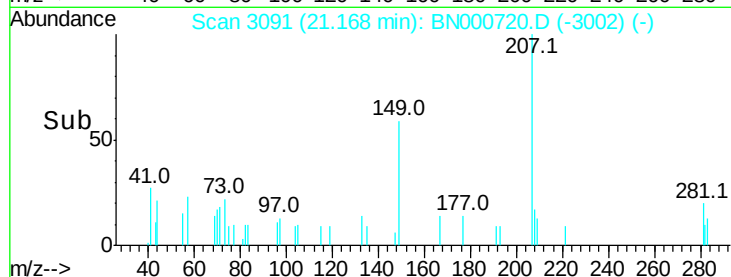
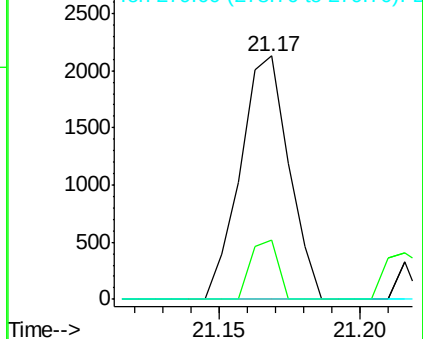
279 0.0 4.0 6.0#



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



#84

Di-n-octyl phthalate

Concen: 0.003 ng

RT: 22.06 min Scan# 3242

Delta R.T. 0.01 min

Lab File: BN000720.D

Acq: 09 Apr 2018 21:26

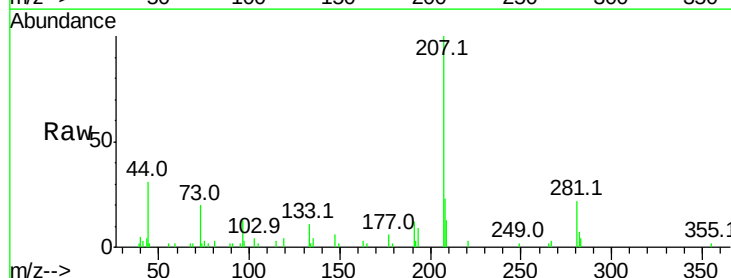
Tgt Ion:149 Resp: 120

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.0#

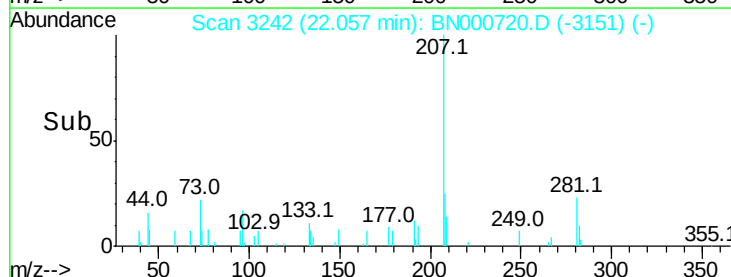
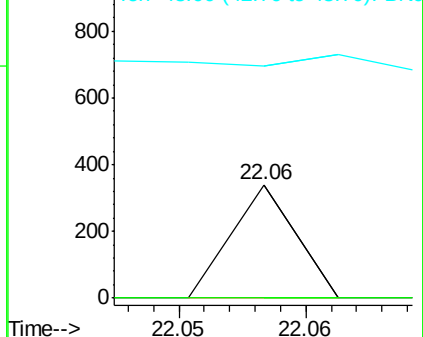
43 0.0 8.9 13.3#

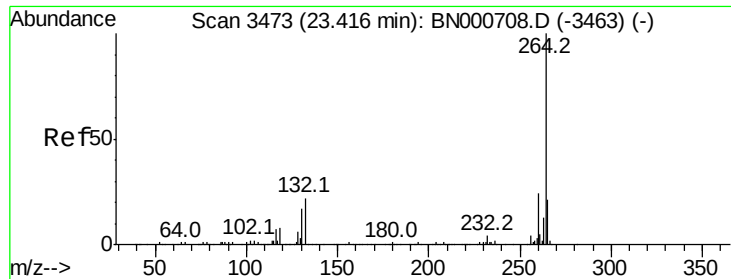


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNC

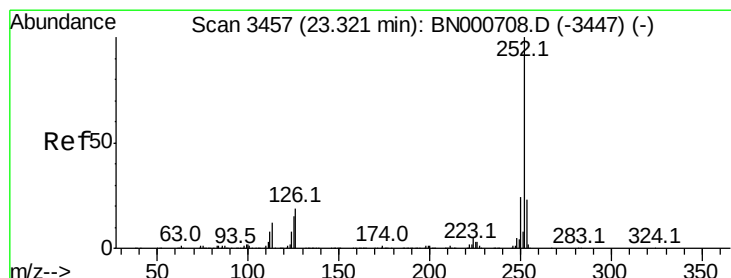
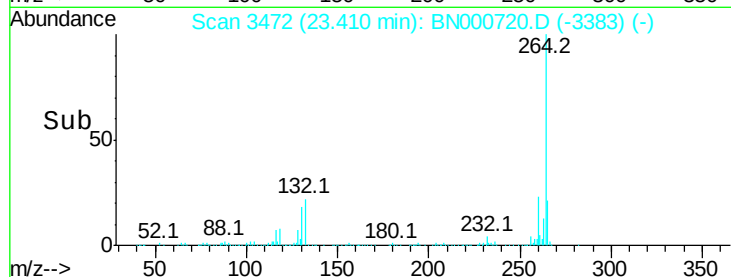
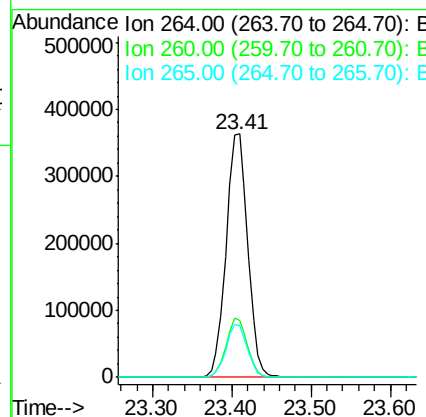
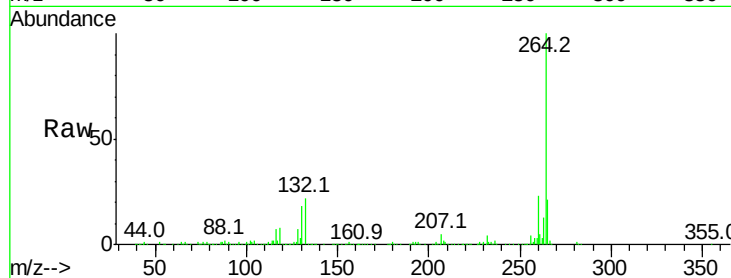




#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.41 min Scan# 3472
Delta R.T. -0.01 min
Lab File: BN000720.D
Acq: 09 Apr 2018 21:26

Instrument :
BNA_N
ClientSampleId :

Tot Ion:264 Resp: 685600
Ion Ratio Lower Upper
264 100
260 23.1 17.4 26.0
265 20.9 17.7 26.5



#89
Benzo(a)pyrene
Concen: 0.062 ng
RT: 23.41 min Scan# 3472
Delta R.T. 0.09 min
Lab File: BN000720.D
Acq: 09 Apr 2018 21:26

Tgt Ion:252 Resp: 2365
Ion Ratio Lower Upper
252 100
253 35.1 18.3 27.5#
125 38.7 7.3 10.9#

