

Data Path : Z:\HPCHEM1\BNA N\DATA\BN040918\
 Data File : BN000723.D
 Acq On : 09 Apr 2018 23:09
 Operator : JU/SJ
 Sample : J2273-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 10 04:35:54 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	136324	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	562715	20.00	ng	0.00
38) Acenaphthene-d10	14.26	164	276305	20.00	ng	0.00
63) Phenanthrene-d10	17.01	188	539680	20.00	ng	0.00
75) Chrysene-d12	21.22	240	449311	20.00	ng	0.00
86) Perylene-d12	23.40	264	455410	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	373058	40.41	ng	0.00
7) Phenol-d6	6.81	99	286726	22.81	ng	0.00
23) Nitrobenzene-d5	8.78	82	1056034	99.31	ng	0.00
41) 2,4,6-Tribromophenol	15.76	330	242889	89.41	ng	0.00
44) 2-Fluorobiphenyl	12.89	172	2005724	100.05	ng	0.00
78) Terphenyl-d14	19.66	244	2152116	104.62	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.25	88	246	0.058	ng	# 27
4) n-Nitrosodimethylamine	3.63	42	109	0.035	ng	# 1
6) Aniline	6.83	93	120	0.007	ng	# 1
9) Benzaldehyde	6.81	77	253	0.040	ng	# 5
10) Phenol	6.84	94	19758	1.478	ng	# 87
11) bis(2-Chloroethyl)ether	7.18	93	773	0.070	ng	# 1
15) Benzyl Alcohol	7.95	79	17853	2.085	ng	# 31
19) n-Nitroso-di-n-propylamine	8.78	70	131852	16.783	ng	# 67
24) Nitrobenzene	8.78	77	3202	0.277	ng	# 47
25) Isophorone	8.90	82	119	0.006	ng	# 69
45) 1,1'-Biphenyl	13.09	154	4489	0.181	ng	# 95
47) 2-Nitroaniline	13.73	65	631	0.119	ng	# 1
49) Dimethylphthalate	13.73	163	66542	3.025	ng	# 99
50) 2,6-Dinitrotoluene	14.26	165	35510	7.797	ng	# 19
51) Acenaphthene	14.26	154	930	0.051	ng	# 5
56) 2,4-Dinitrotoluene	14.26	165	35510	6.005	ng	# 17
57) Fluorene	15.75	166	14429	0.700	ng	# 90
59) Diethylphthalate	15.10	149	763	0.035	ng	# 58
62) Azobenzene	15.75	77	1998	0.084	ng	# 21
64) 4,6-Dinitro-2-methylphenol	15.75	198	665	0.207	ng	# 1
65) n-Nitrosodiphenylamine	15.75	169	9302	0.516	ng	# 43
66) 4-Bromophenyl-phenylether	15.75	248	16919	3.135	ng	# 1
70) Phenanthrene	17.06	178	276	0.009	ng	# 60
71) Anthracene	17.06	178	276	0.009	ng	# 59
73) Di-n-butylphthalate	18.00	149	244	0.007	ng	# 78
74) Fluoranthene	19.08	202	111	0.004	ng	# 65
76) Benzdine	19.66	184	32871	2.676	ng	# 92
77) Pyrene	19.66	202	7772	0.242	ng	# 65
80) Benzo(a)anthracene	21.22	228	1023	0.036	ng	# 53
82) Chrysene	21.22	228	1023	0.037	ng	# 49
83) Bis(2-ethylhexyl)phthalate	21.17	149	502	0.025	ng	# 50
84) Di-n-octyl phthalate	22.06	149	121	0.004	ng	# 1
89) Benzo(a)pyrene	23.40	252	1553	0.062	ng	# 60

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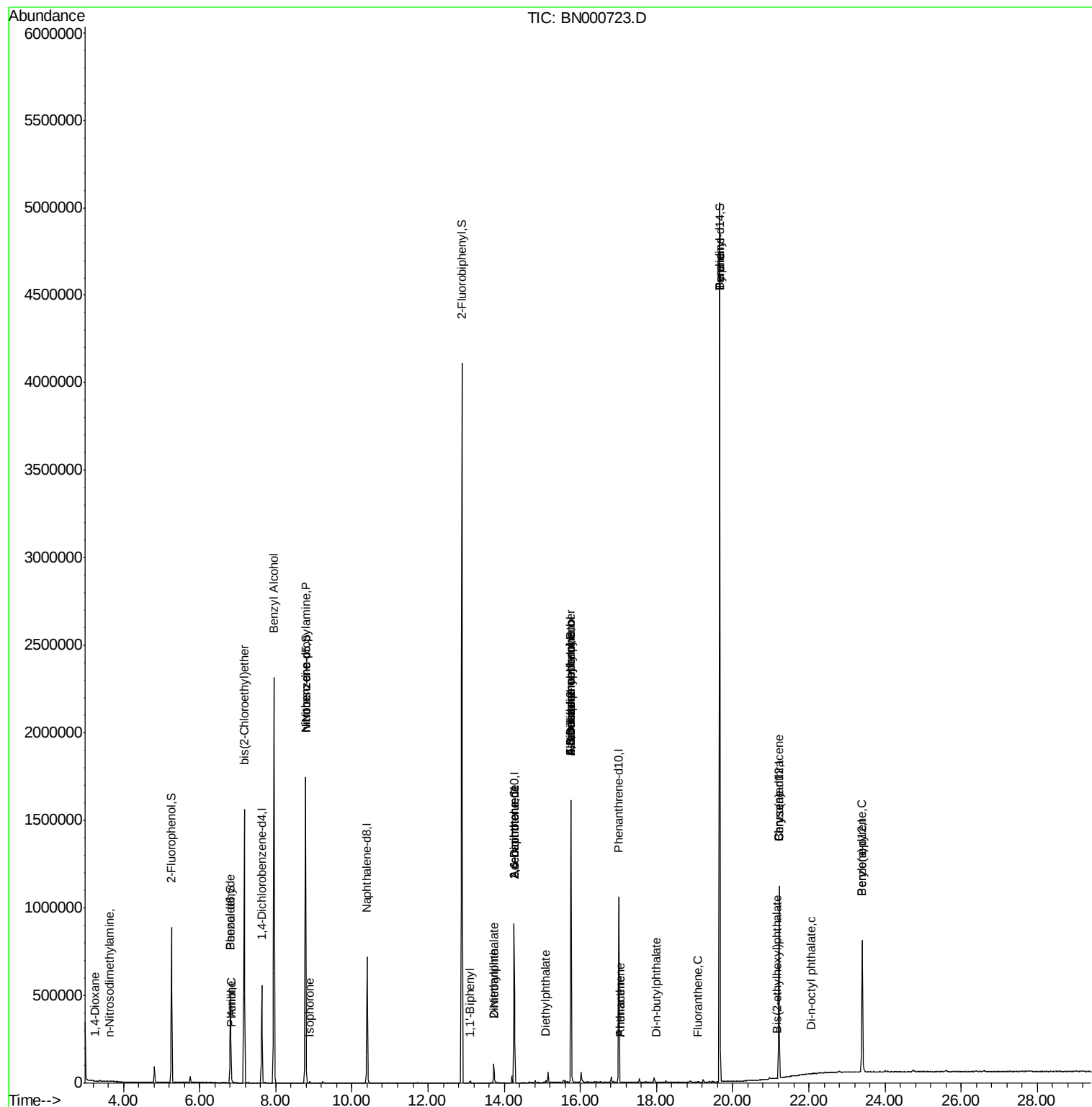
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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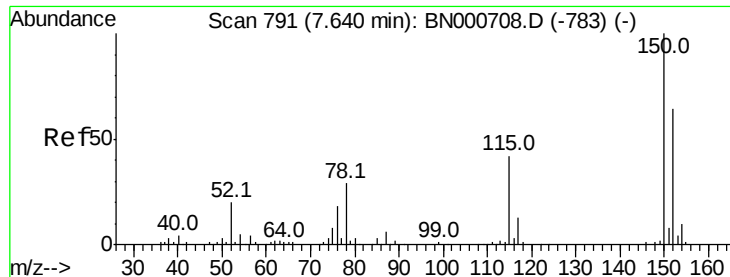
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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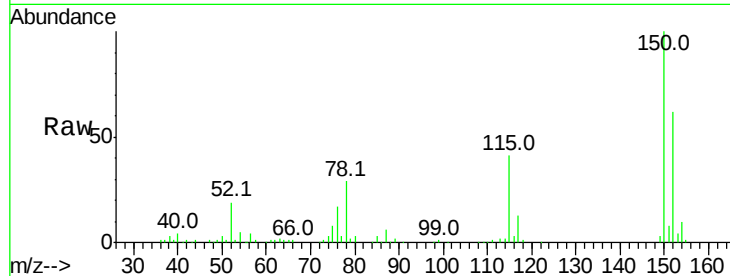


#1

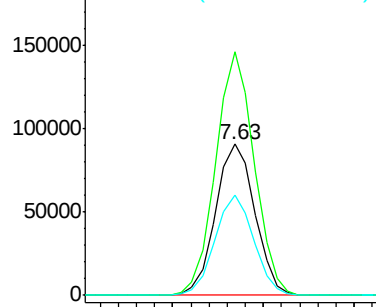
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.63 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BN000723.D
 Acq: 09 Apr 2018 23:09

Instrument :
 BNA_N
 ClientSampleId :

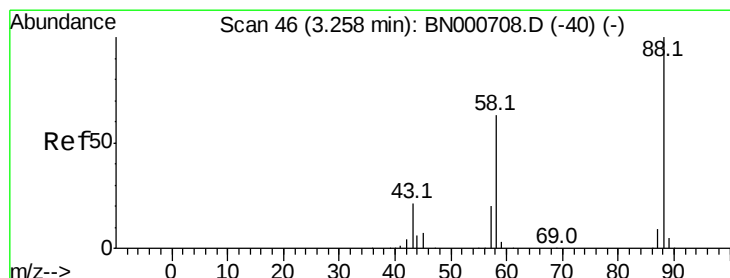
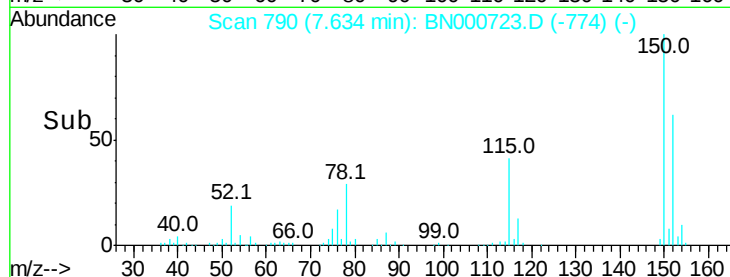
Tot Ion:152 Resp: 136324
 Ion Ratio Lower Upper
 152 100
 150 160.8 126.6 189.8
 115 66.1 53.0 79.4



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



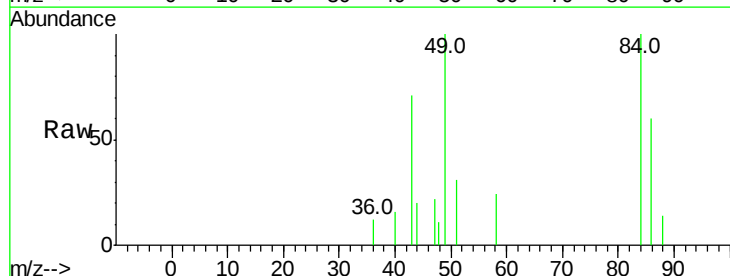
Time-->



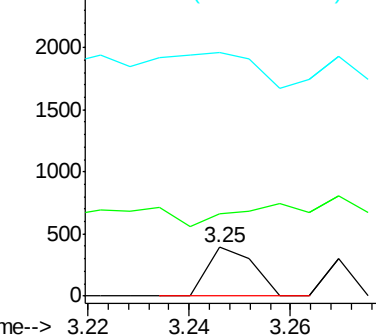
#2

1,4-Dioxane
 Concen: 0.058 ng
 RT: 3.25 min Scan# 44
 Delta R.T. -0.01 min
 Lab File: BN000723.D
 Acq: 09 Apr 2018 23:09

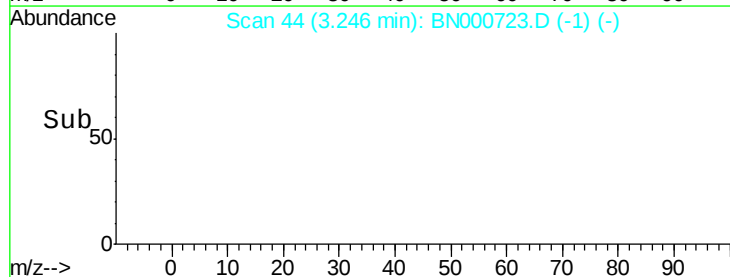
Tgt Ion: 88 Resp: 246
 Ion Ratio Lower Upper
 88 100
 58 0.0 52.0 78.0#
 43 0.0 20.0 30.0#

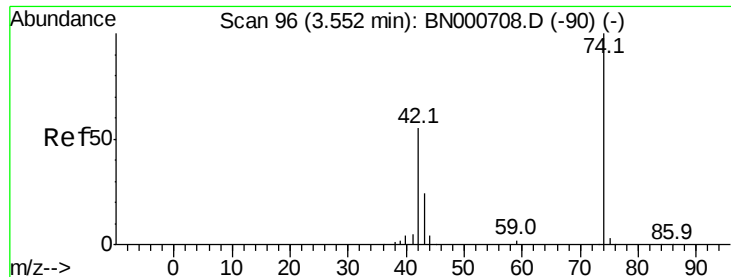


Abundance Ion 88.00 (87.70 to 88.70): BNC
 Ion 58.00 (57.70 to 58.70): BNC
 Ion 43.00 (42.70 to 43.70): BNC



Time-->



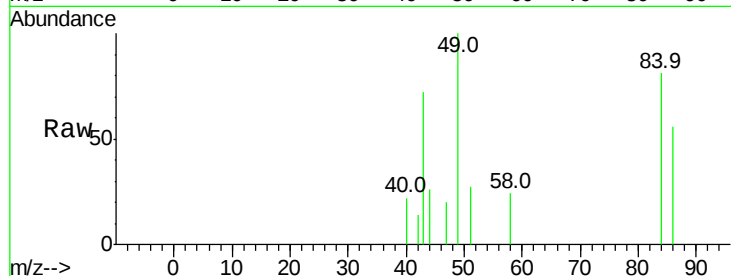


#4

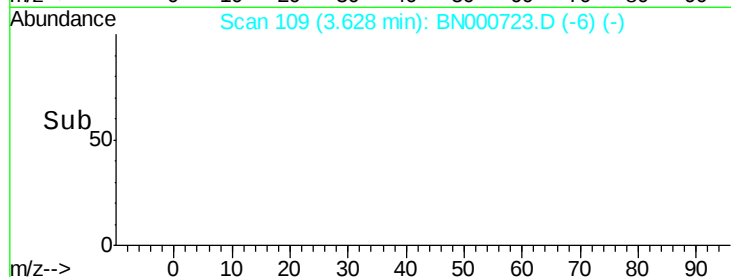
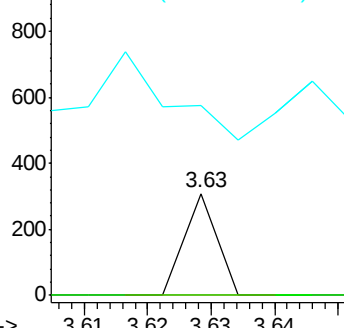
n-Nitrosodimethylamine
 Concen: 0.035 ng
 RT: 3.63 min Scan# 109
 Delta R.T. 0.08 min
 Lab File: BN000723.D
 Acq: 09 Apr 2018 23:09

Instrument :
 BNA_N
 ClientSampled :

Tot Ion: 42 Resp: 109
 Ion Ratio Lower Upper
 42 100
 74 0.0 128.0 192.0#
 44 186.1 12.0 18.0#



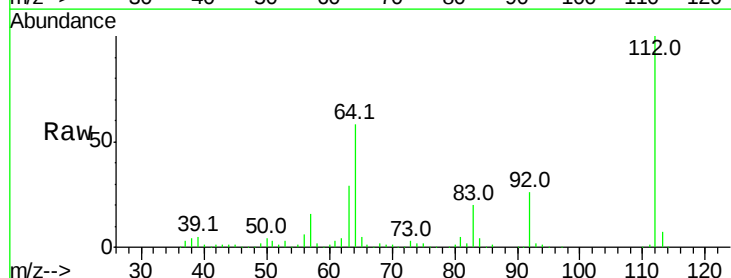
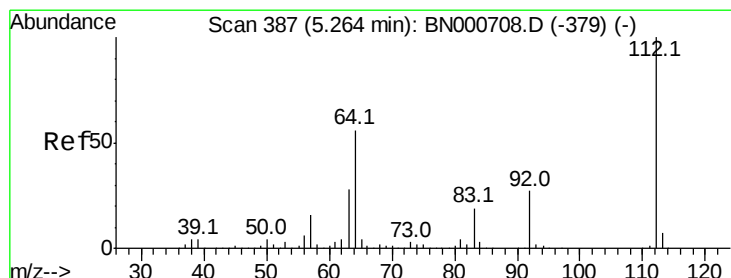
Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



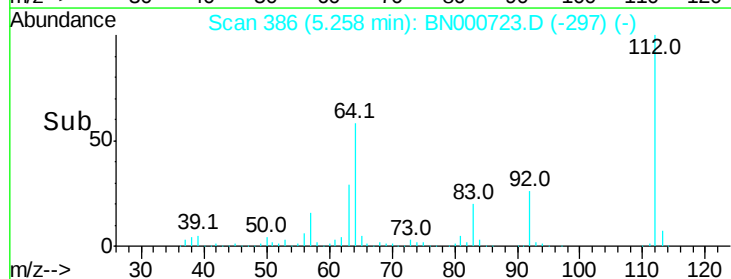
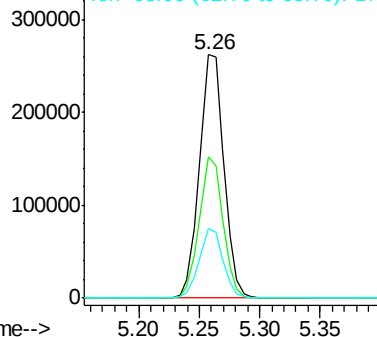
#5

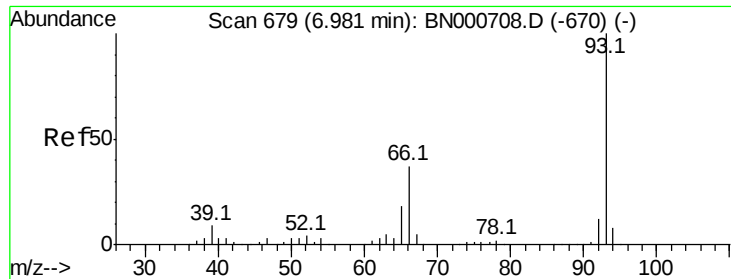
2-Fluorophenol
 Concen: 40.407 ng
 RT: 5.26 min Scan# 386
 Delta R.T. -0.01 min
 Lab File: BN000723.D
 Acq: 09 Apr 2018 23:09

Tgt Ion: 112 Resp: 373058
 Ion Ratio Lower Upper
 112 100
 64 57.8 56.3 84.5
 63 28.6 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BN0
 Ion 63.00 (62.70 to 63.70): BN0

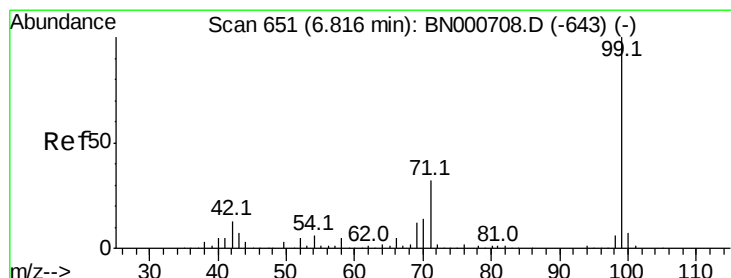
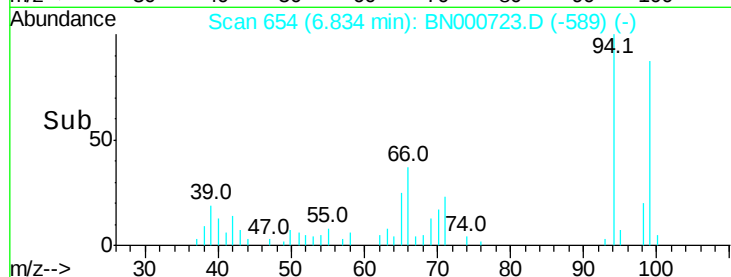
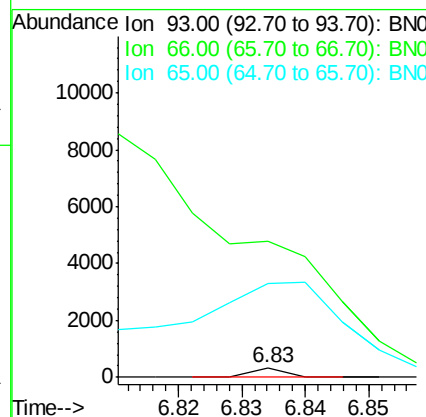
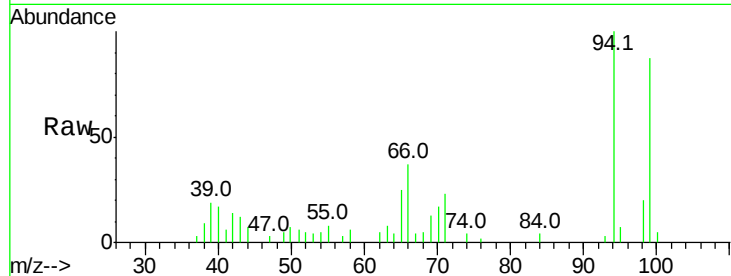




#6
Aniline
Concen: 0.007 ng
RT: 6.83 min Scan# 654
Delta R.T. -0.15 min
Lab File: BN000723.D
Acq: 09 Apr 2018 23:09

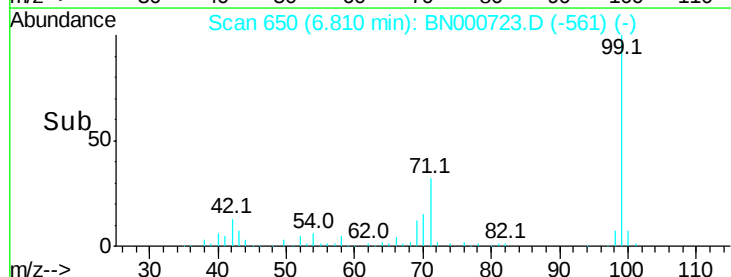
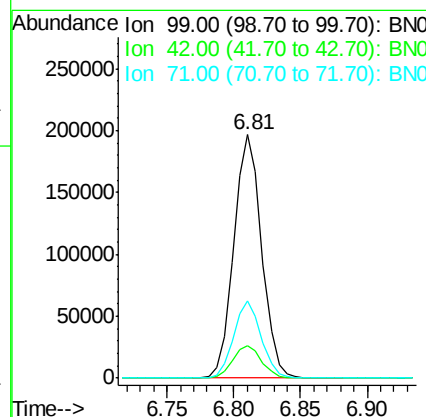
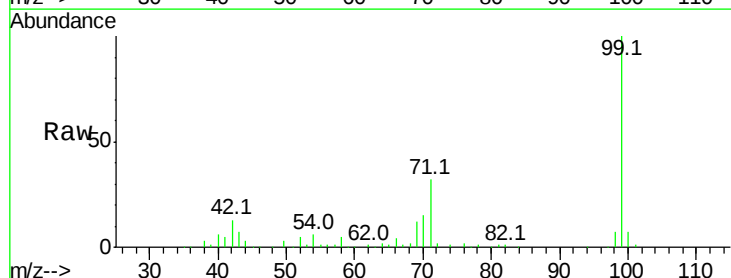
Instrument :
BNA_N
ClientSampled :

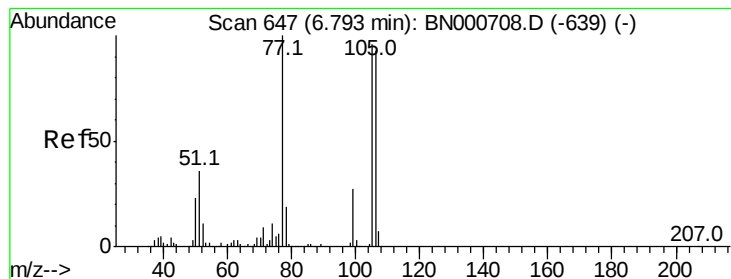
Tot Ion: 93 Resp: 120
Ion Ratio Lower Upper
93 100
66 1413.3 33.7 50.5#
65 968.7 16.1 24.1#



#7
Phenol-d6
Concen: 22.813 ng
RT: 6.81 min Scan# 650
Delta R.T. -0.01 min
Lab File: BN000723.D
Acq: 09 Apr 2018 23:09

Tgt Ion: 99 Resp: 286726
Ion Ratio Lower Upper
99 100
42 13.4 14.1 21.1#
71 31.7 26.1 39.1





#9

Benzaldehyde

Concen: 0.040 ng

RT: 6.81 min Scan# 650

Delta R.T. 0.02 min

Lab File: BN000723.D

Acq: 09 Apr 2018 23:09

Instrument :

BNA_N

ClientSampled :

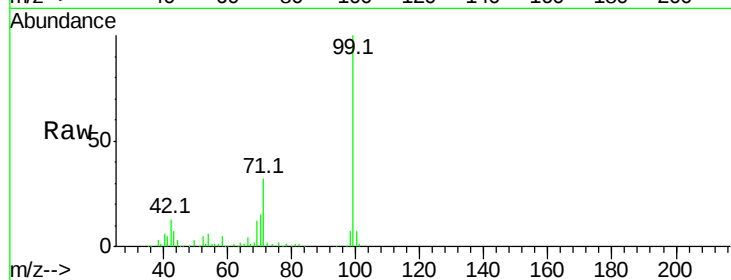
Tot Ion: 77 Resp: 253

Ion Ratio Lower Upper

77 100

105 0.0 71.3 111.3#

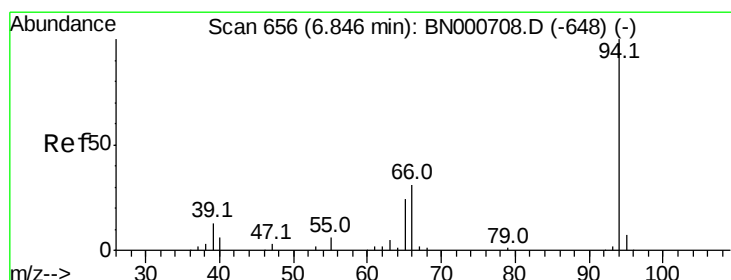
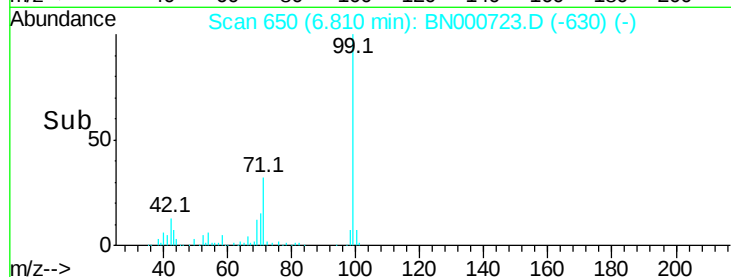
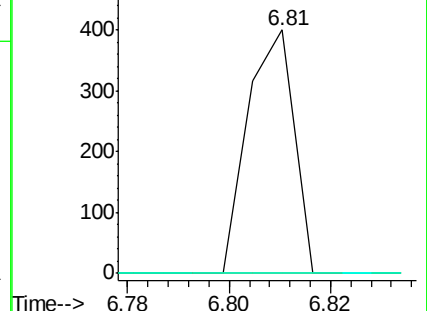
106 0.0 64.2 104.2#



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: 1.478 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BN000723.D

Acq: 09 Apr 2018 23:09

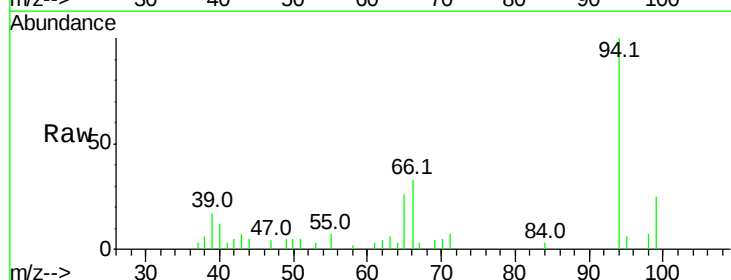
Tgt Ion: 94 Resp: 19758

Ion Ratio Lower Upper

94 100

65 25.6 11.9 51.9

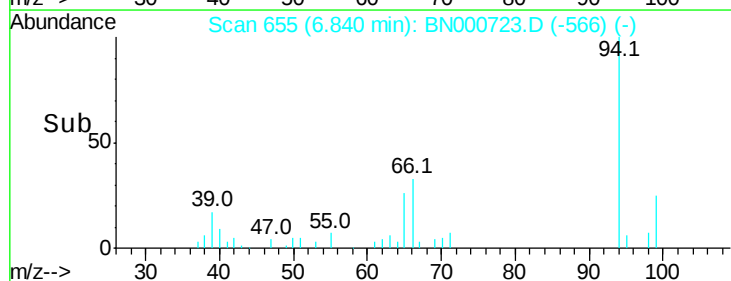
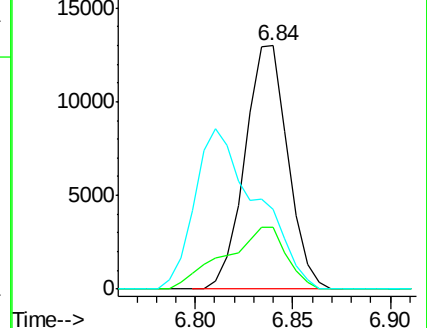
66 32.8 22.2 62.2

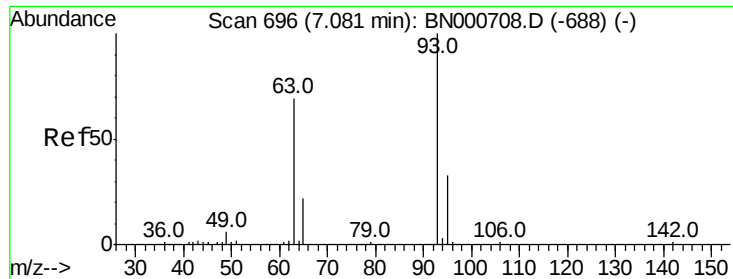


Abundance Ion 94.00 (93.70 to 94.70): BNC

Ion 65.00 (64.70 to 65.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

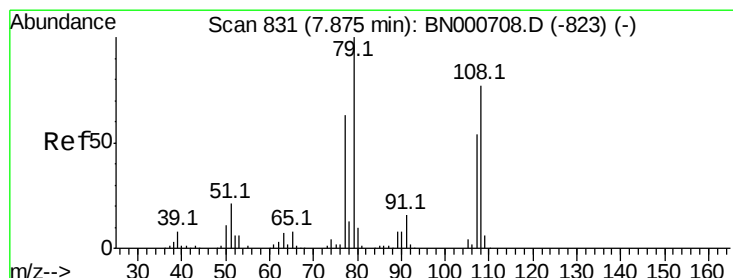
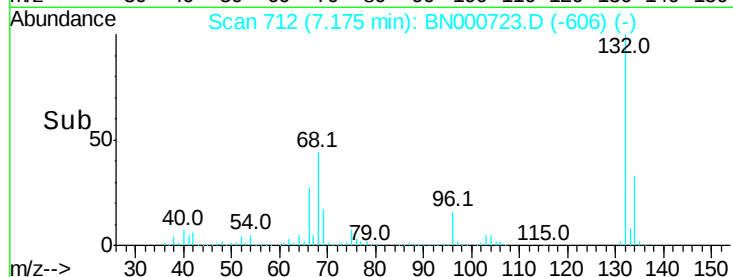
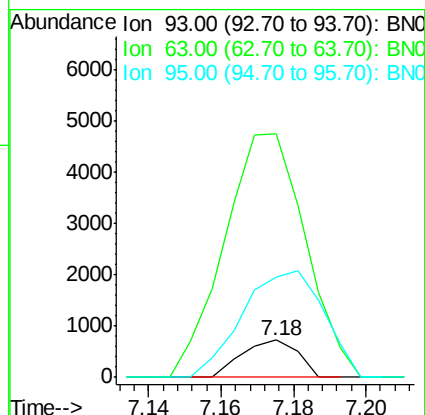
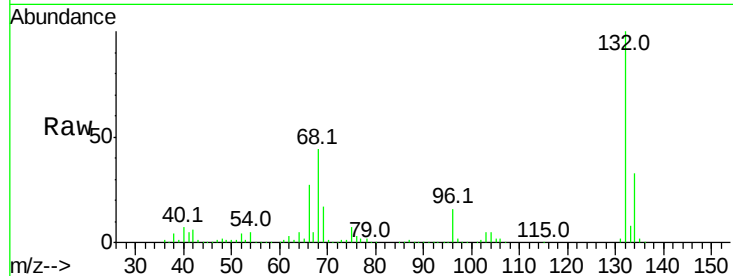




#11
 bis(2-Chloroethyl)ether
 Concen: 0.070 ng
 RT: 7.18 min Scan# 712
 Delta R.T. 0.09 min
 Lab File: BN000723.D
 Acq: 09 Apr 2018 23:09

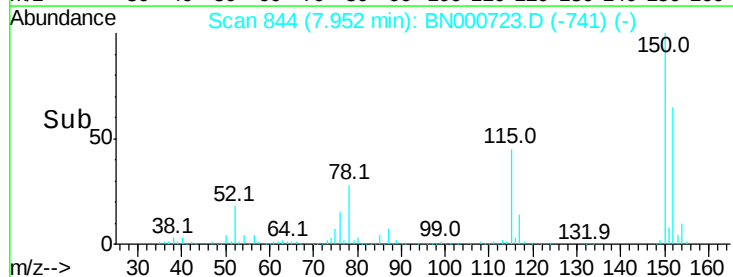
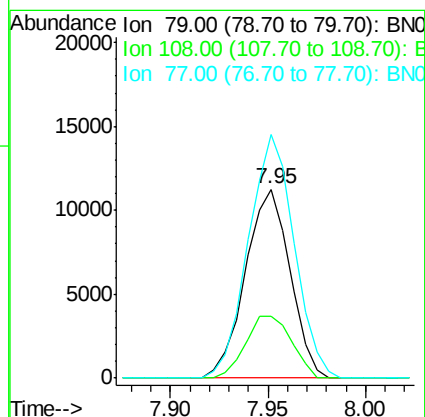
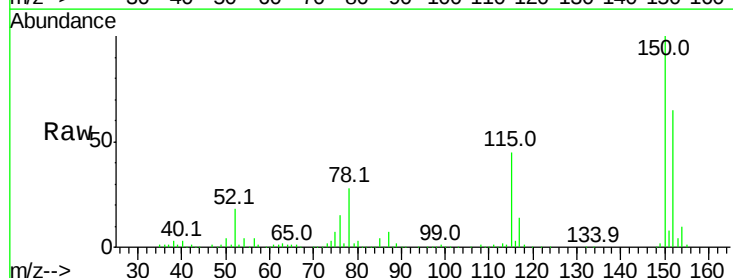
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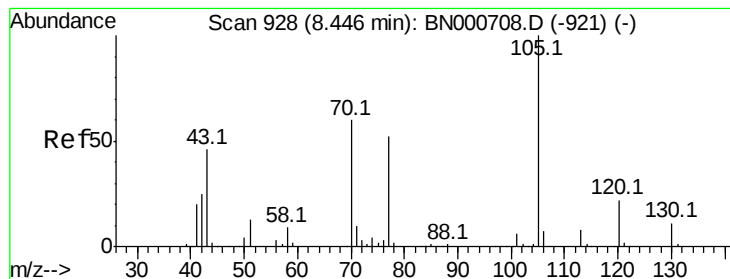
Tot Ion: 93 Resp: 773
 Ion Ratio Lower Upper
 93 100
 63 659.4 67.1 107.1#
 95 270.6 11.5 51.5#



#15
 Benzyl Alcohol
 Concen: 2.085 ng
 RT: 7.95 min Scan# 844
 Delta R.T. 0.08 min
 Lab File: BN000723.D
 Acq: 09 Apr 2018 23:09

Tgt Ion: 79 Resp: 17853
 Ion Ratio Lower Upper
 79 100
 108 32.9 57.2 85.8#
 77 128.9 46.1 69.1#





#19

n-Nitroso-di-n-propylamine

Concen: 16.783 ng

RT: 8.78 min Scan# 985

Delta R.T. 0.34 min

Lab File: BN000723.D

Acq: 09 Apr 2018 23:09

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 70 Resp: 131852

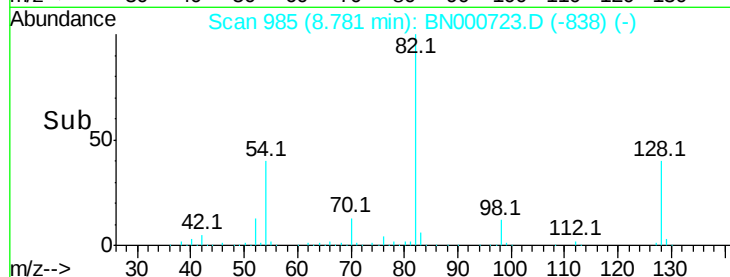
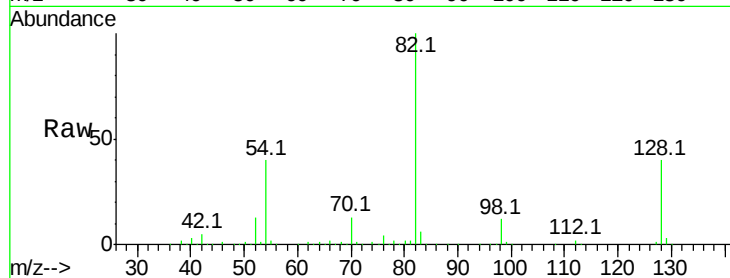
Ion Ratio Lower Upper

70 100

42 35.9 49.1 73.7#

101 0.0 8.5 12.7#

130 2.1 13.4 20.0#

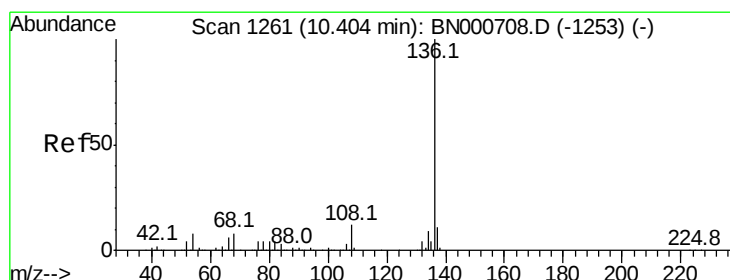
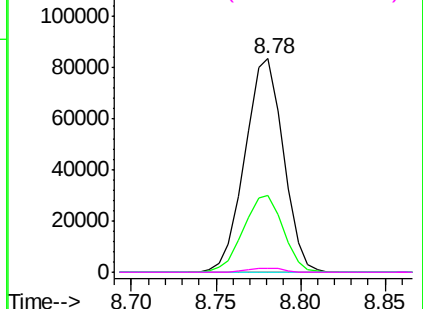


Abundance Ion 70.00 (69.70 to 70.70): BN0

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: BN000723.D

Acq: 09 Apr 2018 23:09

Tgt Ion:136 Resp: 562715

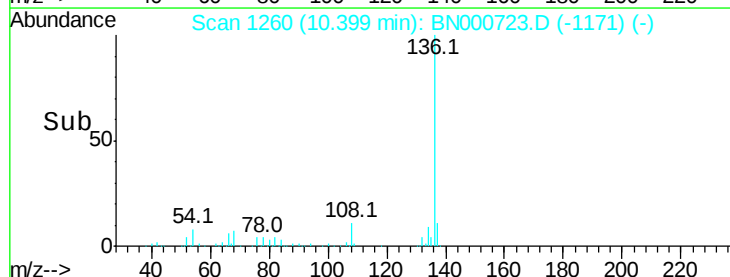
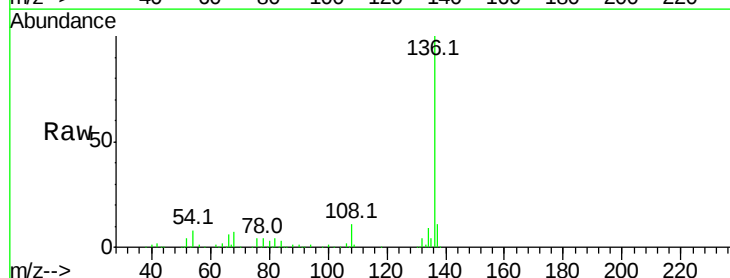
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 7.8 10.3 15.5#

68 7.5 4.5 6.7#

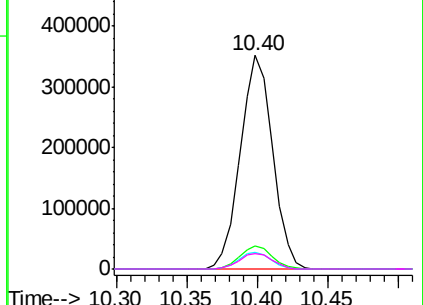


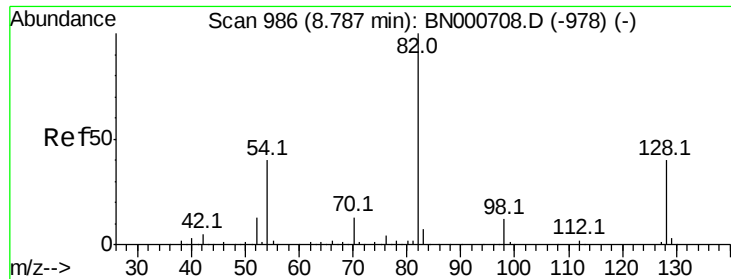
Abundance Ion 136.00 (135.70 to 136.70): E

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

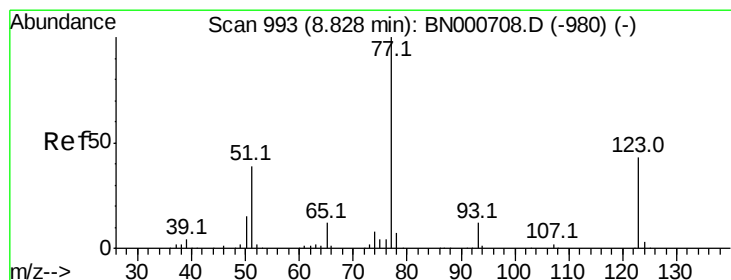
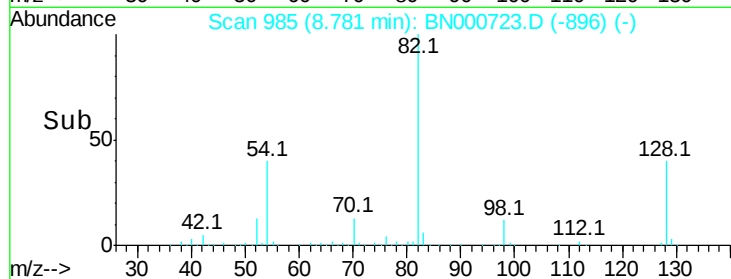
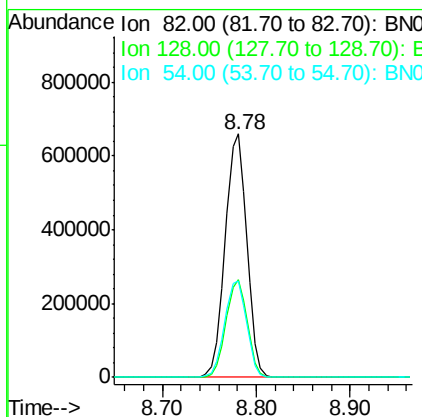
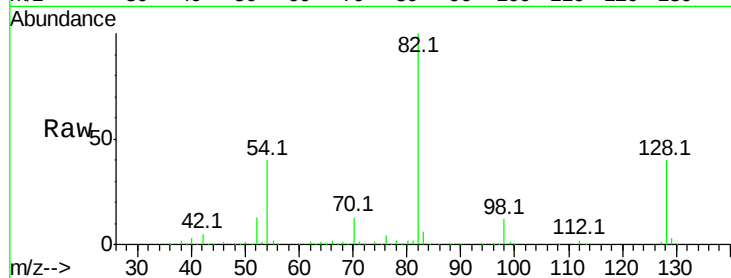




#23
 Nitrobenzene-d5
 Concen: 99.310 ng
 RT: 8.78 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BN000723.D
 Acq: 09 Apr 2018 23:09

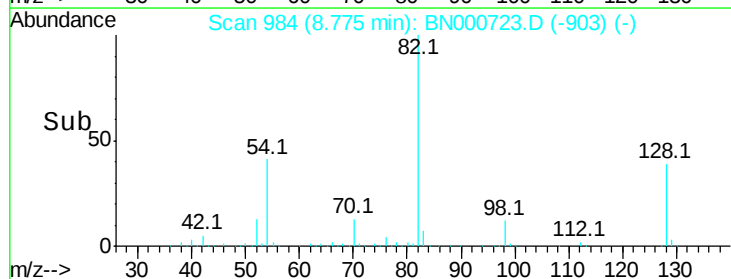
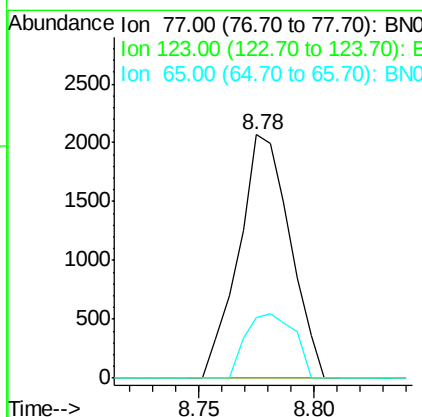
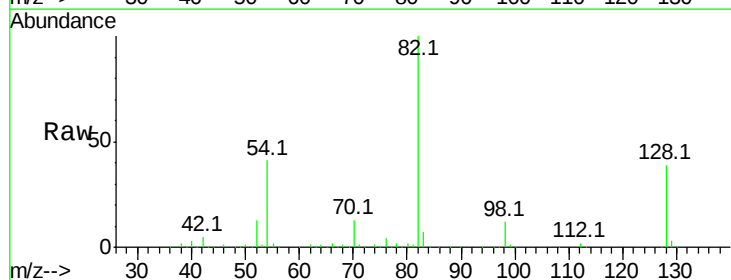
Instrument :
 BNA_N
 ClientSampleId :

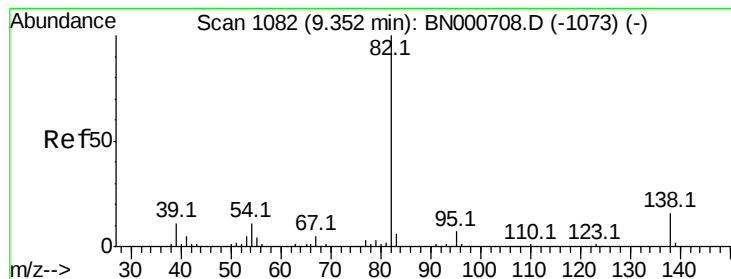
Tot Ion: 82 Resp: 1056034
 Ion Ratio Lower Upper
 82 100
 128 40.4 29.7 44.5
 54 39.6 43.1 64.7#



#24
 Nitrobenzene
 Concen: 0.277 ng
 RT: 8.78 min Scan# 984
 Delta R.T. -0.05 min
 Lab File: BN000723.D
 Acq: 09 Apr 2018 23:09

Tgt Ion: 77 Resp: 3202
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.0 49.6#
 65 24.9 13.0 19.6#





#25

Isophorone

Concen: 0.006 ng

RT: 8.90 min Scan# 1005

Delta R.T. -0.45 min

Lab File: BN000723.D

Acq: 09 Apr 2018 23:09

Instrument :

BNA_N

ClientSampleId :

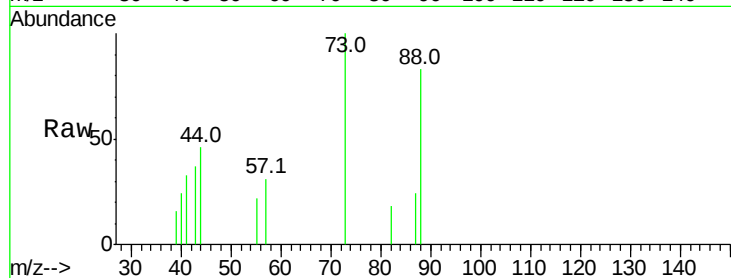
Tot Ion: 82 Resp: 119

Ion Ratio Lower Upper

82 100

95 0.0 6.2 9.2#

138 0.0 12.1 18.1#

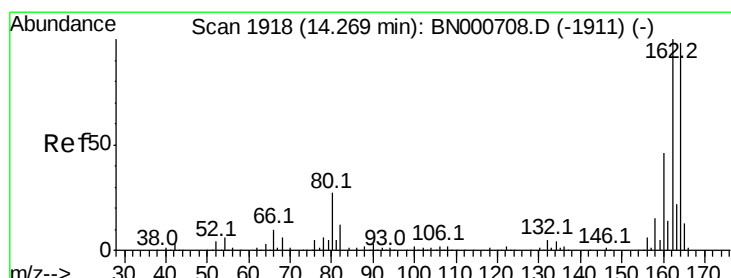
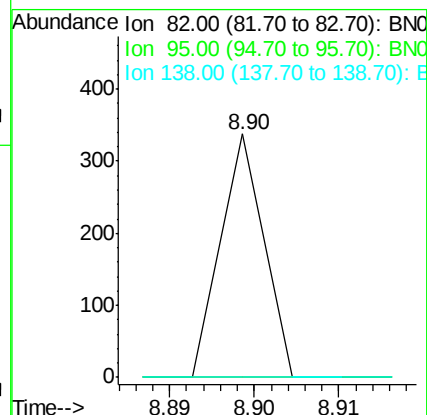
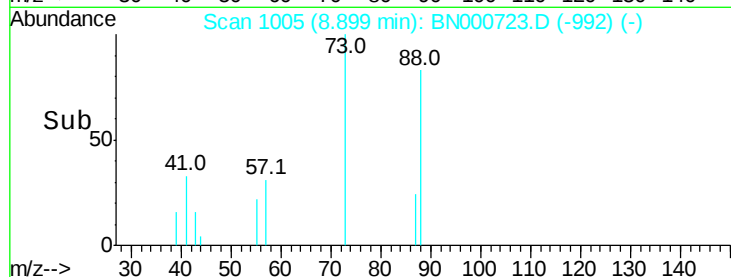


Abundance Ion 82.00 (81.70 to 82.70): BN000708.D (-1073) (-)

Ion 95.00 (94.70 to 95.70): BN000708.D (-1073) (-)

Ion 138.00 (137.70 to 138.70): BN000708.D (-1073) (-)

Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.26 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BN000723.D

Acq: 09 Apr 2018 23:09

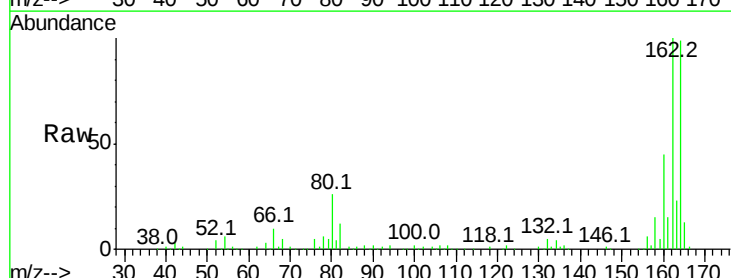
Tgt Ion:164 Resp: 276305

Ion Ratio Lower Upper

164 100

162 100.9 78.8 118.2

160 45.8 35.4 53.0

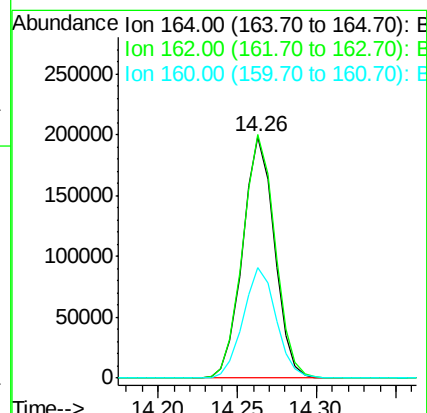
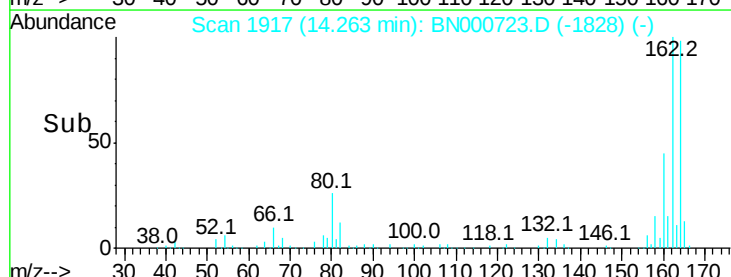


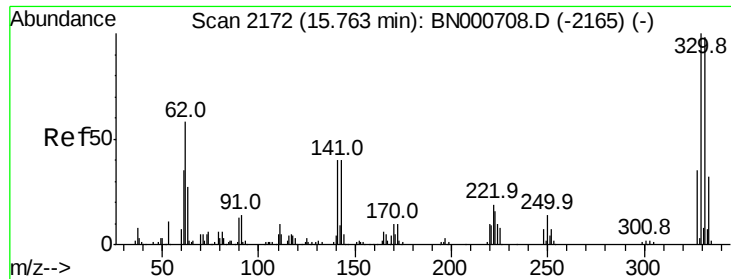
Abundance Ion 164.00 (163.70 to 164.70): BN000708.D (-1911) (-)

Ion 162.00 (161.70 to 162.70): BN000708.D (-1911) (-)

Ion 160.00 (159.70 to 160.70): BN000708.D (-1911) (-)

Time-->

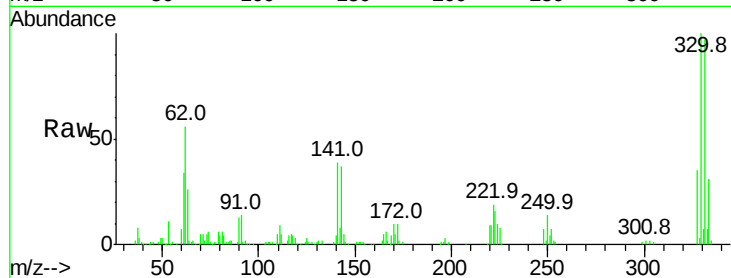




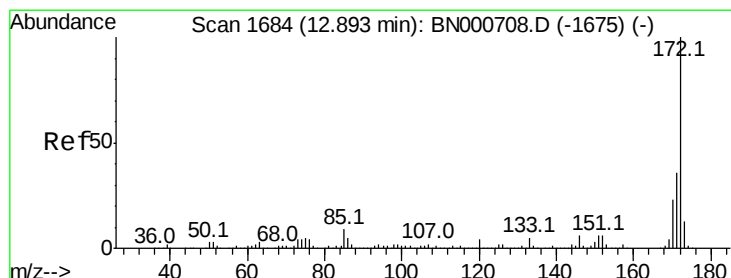
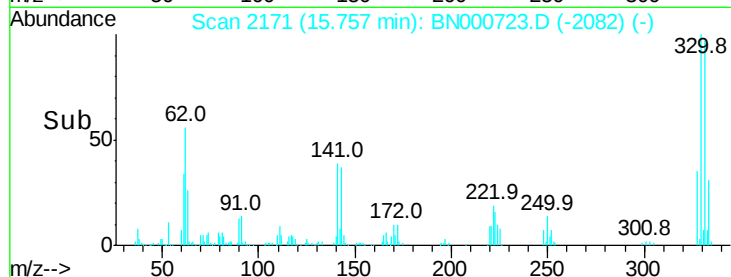
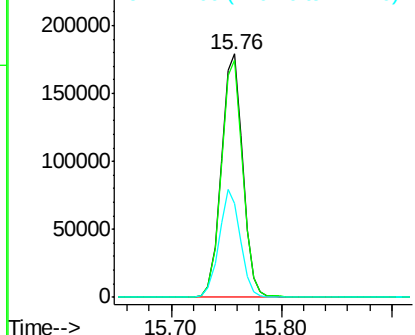
#41
 2,4,6-Tribromophenol
 Concen: 89.410 ng
 RT: 15.76 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BN000723.D
 Acq: 09 Apr 2018 23:09

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:330 Resp: 242889
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.0 115.6
 141 43.5 25.2 37.8#

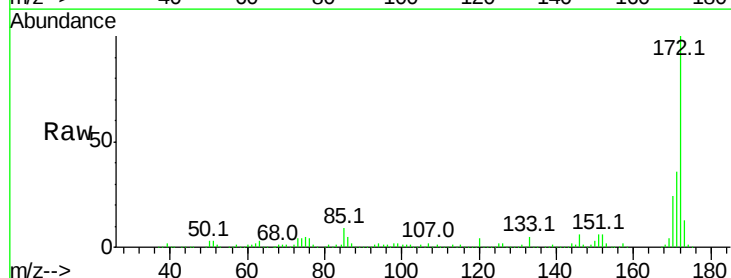


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

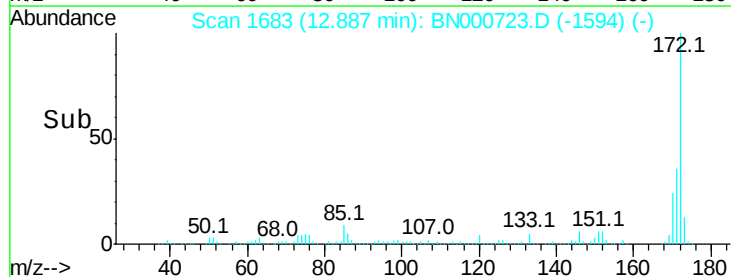
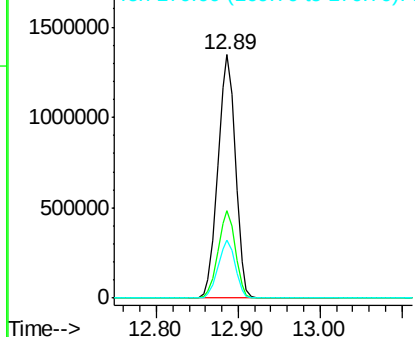


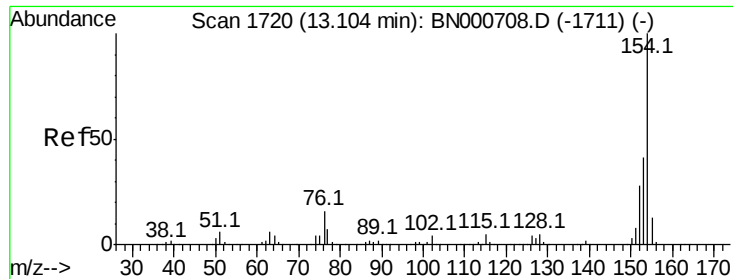
#44
 2-Fluorobiphenyl
 Concen: 100.048 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BN000723.D
 Acq: 09 Apr 2018 23:09

Tgt Ion:172 Resp: 2005724
 Ion Ratio Lower Upper
 172 100
 171 35.8 30.0 45.0
 170 23.6 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

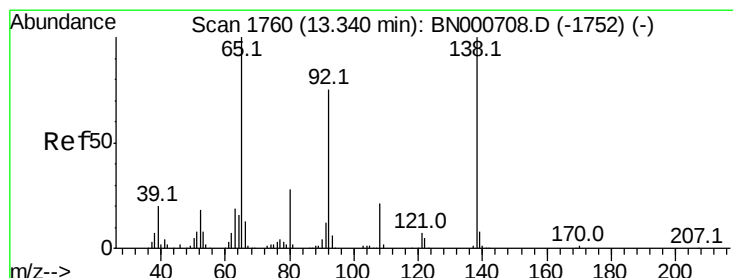
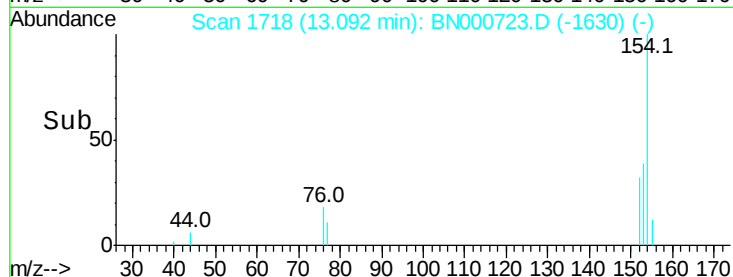
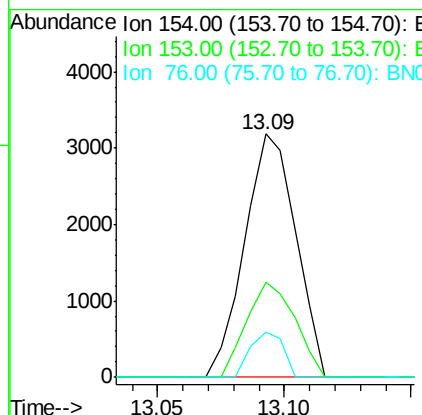
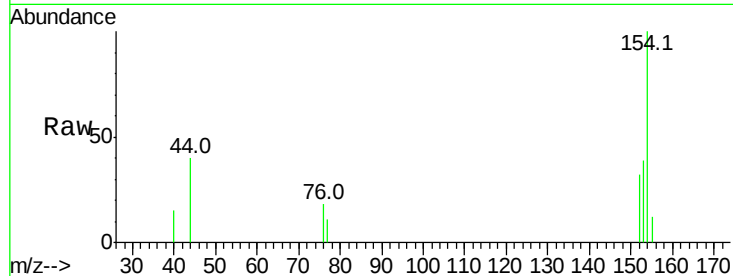




#45
 1,1'-Biphenyl
 Concen: 0.181 ng
 RT: 13.09 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BN000723.D
 Acq: 09 Apr 2018 23:09

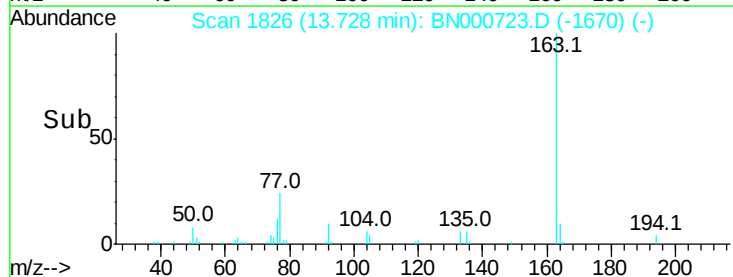
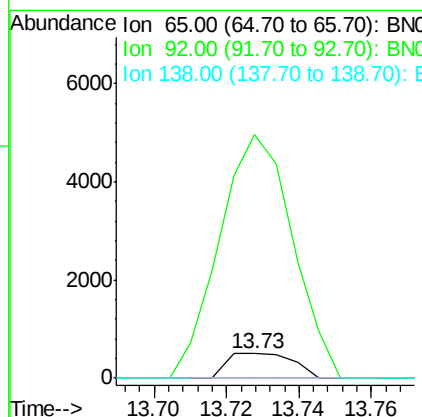
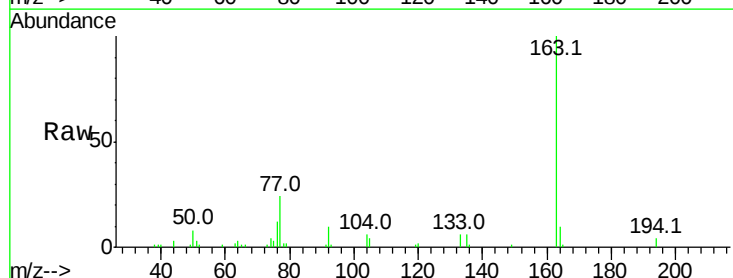
Instrument :
 BNA_N
 ClientSampleId :

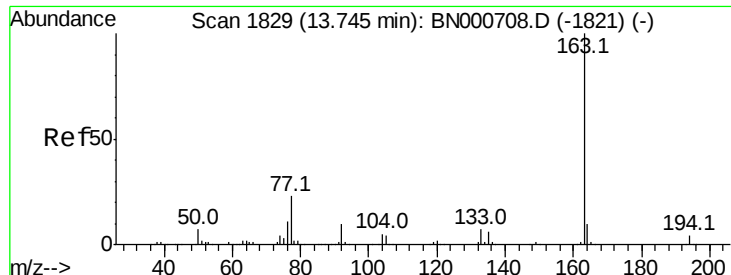
Tot Ion:	154	Resp:	4489
Ion	Ratio	Lower	Upper
154	100		
153	39.2	19.8	59.8
76	18.4	0.0	31.9



#47
 2-Nitroaniline
 Concen: 0.119 ng
 RT: 13.73 min Scan# 1826
 Delta R.T. 0.39 min
 Lab File: BN000723.D
 Acq: 09 Apr 2018 23:09

Tgt Ion:	65	Resp:	631
Ion	Ratio	Lower	Upper
65	100		
92	996.0	54.6	82.0#
138	0.0	72.9	109.3#

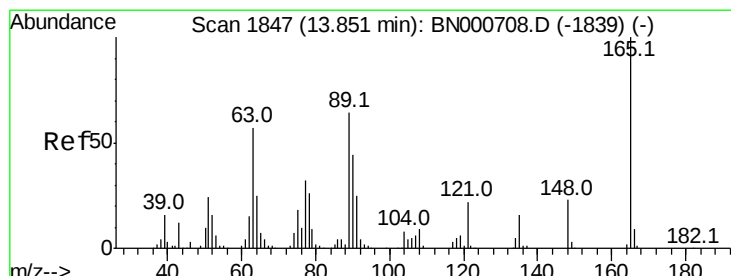
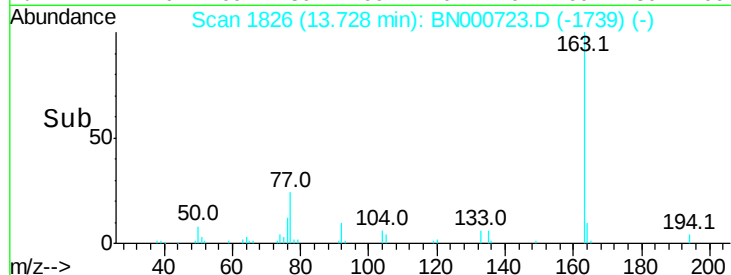
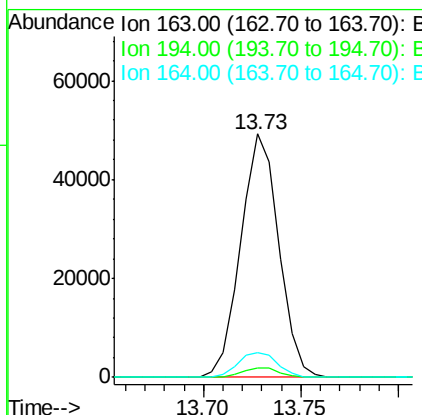
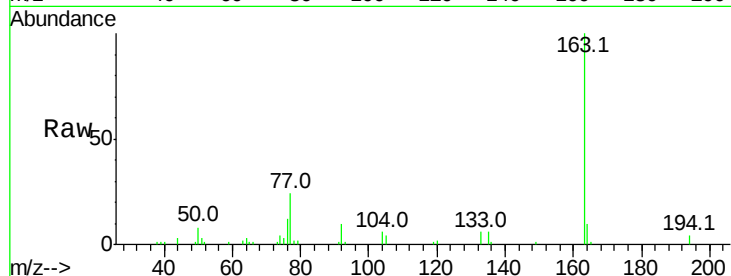




#49
Dimethylphthalate
Concen: 3.025 ng
RT: 13.73 min Scan# 1826
Delta R.T. -0.02 min
Lab File: BN000723.D
Acq: 09 Apr 2018 23:09

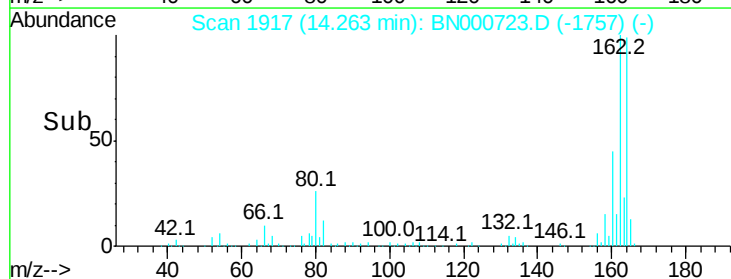
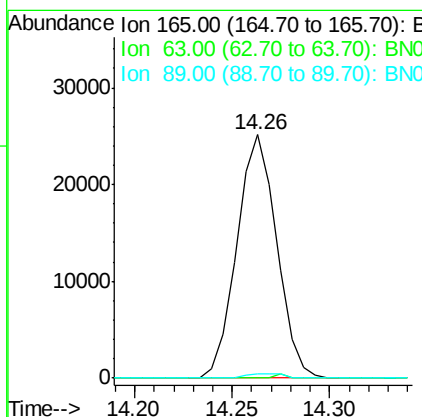
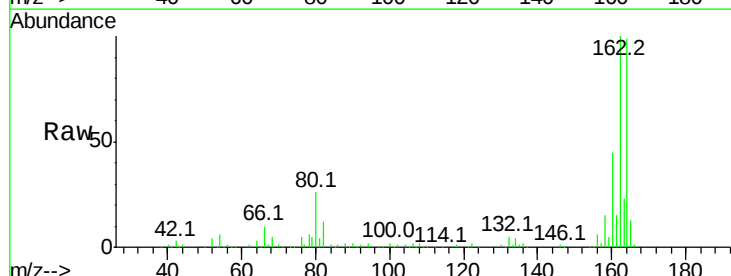
Instrument :
BNA_N
ClientSampleId :

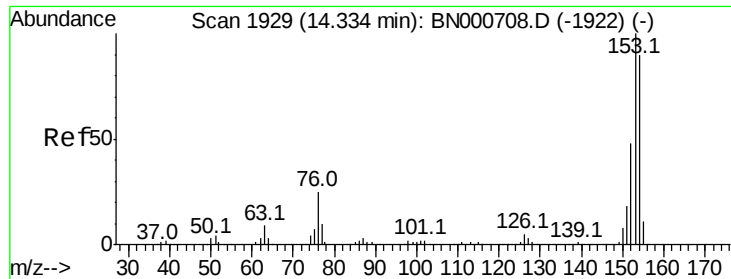
Tot Ion:163 Resp: 66542
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.2
164 10.3 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 7.797 ng
RT: 14.26 min Scan# 1917
Delta R.T. 0.41 min
Lab File: BN000723.D
Acq: 09 Apr 2018 23:09

Tgt Ion:165 Resp: 35510
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 1.7 49.2 73.8#





#51

Acenaphthene

Concen: 0.051 ng

RT: 14.26 min Scan# 1917

Delta R.T. -0.07 min

Lab File: BN000723.D

Acq: 09 Apr 2018 23:09

Instrument :

BNA_N

ClientSampleId :

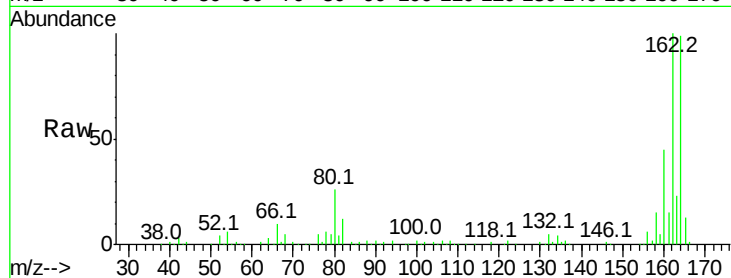
Tot Ion:154 Resp: 930

Ion Ratio Lower Upper

154 100

153 0.0 90.4 135.6#

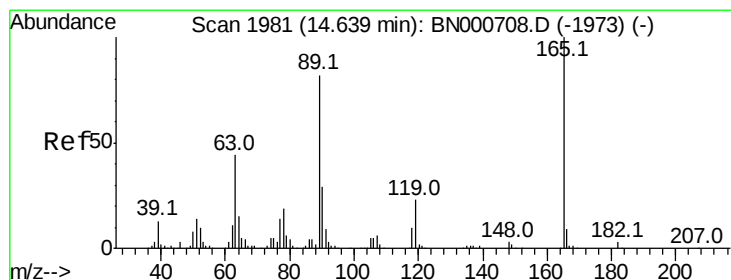
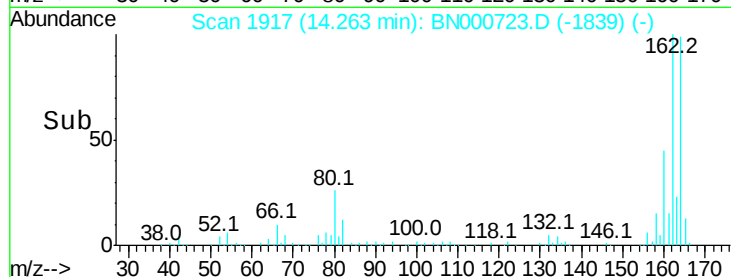
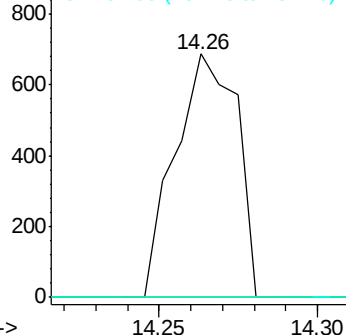
152 0.0 41.6 62.4#



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: 6.005 ng

RT: 14.26 min Scan# 1917

Delta R.T. -0.38 min

Lab File: BN000723.D

Acq: 09 Apr 2018 23:09

Tgt Ion:165 Resp: 35510

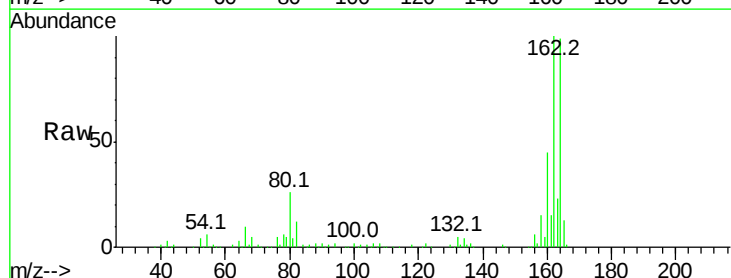
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 1.7 66.9 100.3#

182 0.0 2.6 3.8#

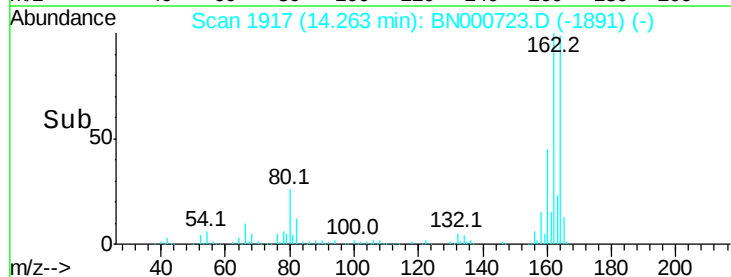
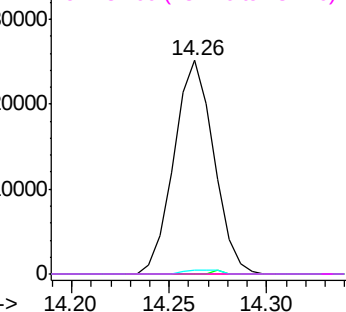


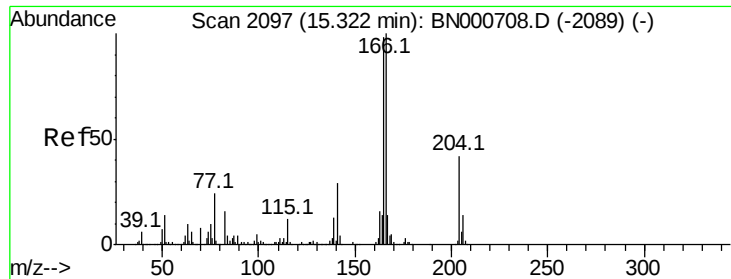
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC

Ion 182.00 (181.70 to 182.70): E

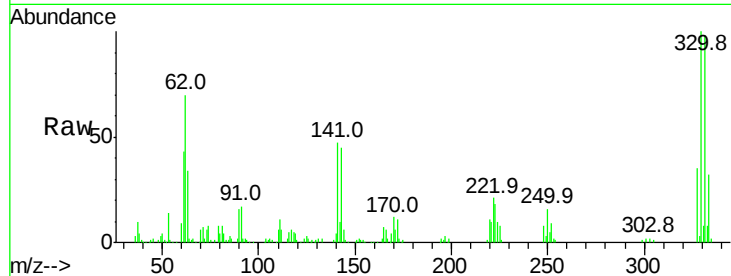




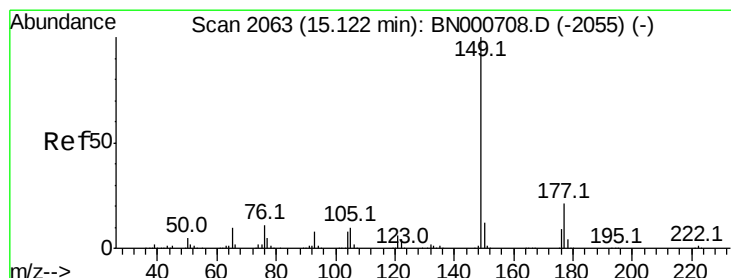
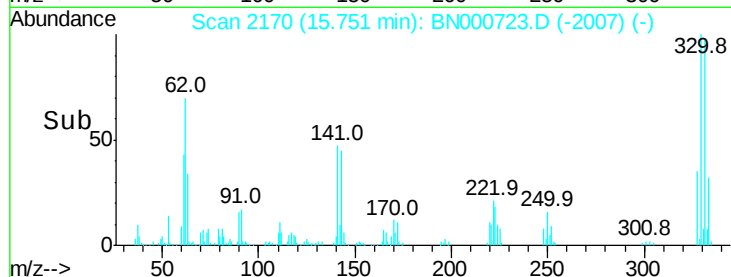
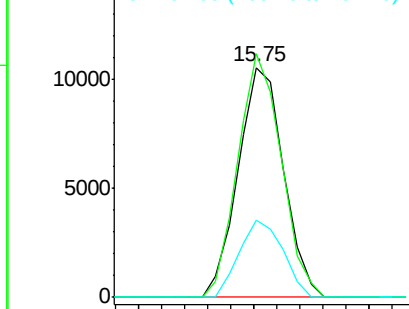
#57
 Fluorene
 Concen: 0.700 ng
 RT: 15.75 min Scan# 2170
 Delta R.T. 0.43 min
 Lab File: BN000723.D
 Acq: 09 Apr 2018 23:09

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:166 Resp: 14429
 Ion Ratio Lower Upper
 166 100
 165 105.8 80.6 121.0
 167 33.6 10.4 15.6#

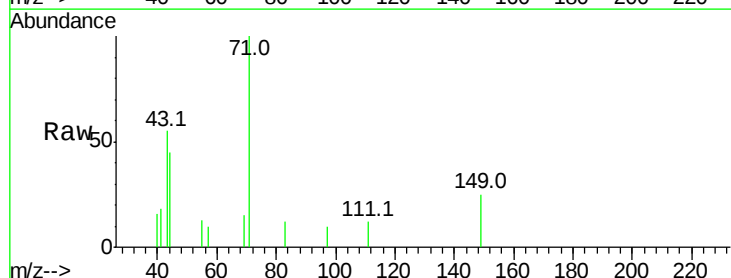


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

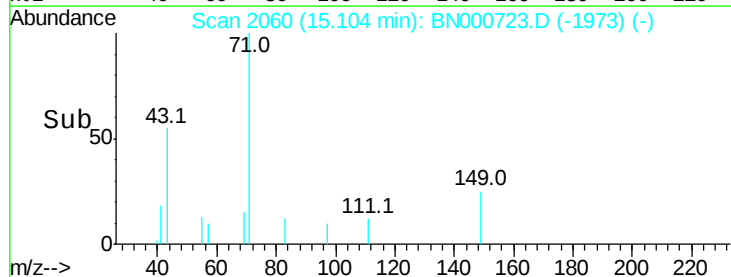
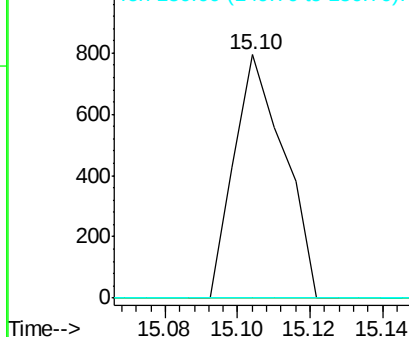


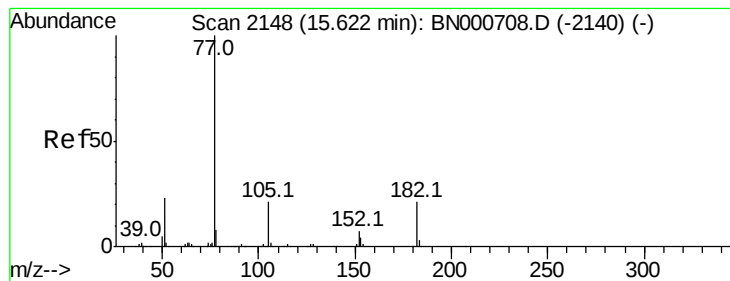
#59
 Diethylphthalate
 Concen: 0.035 ng
 RT: 15.10 min Scan# 2060
 Delta R.T. -0.02 min
 Lab File: BN000723.D
 Acq: 09 Apr 2018 23:09

Tgt Ion:149 Resp: 763
 Ion Ratio Lower Upper
 149 100
 177 0.0 18.5 27.7#
 150 0.0 10.2 15.2#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





#62

Azobenzene

Concen: 0.084 ng

RT: 15.75 min Scan# 2170

Delta R.T. 0.13 min

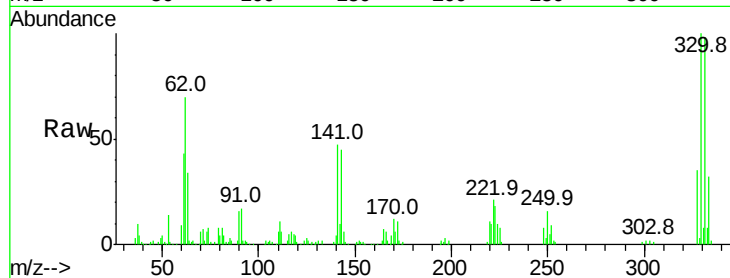
Lab File: BN000723.D

Acq: 09 Apr 2018 23:09

Instrument :

BNA_N

ClientSampled :



Tot Ion: 77 Resp: 1998

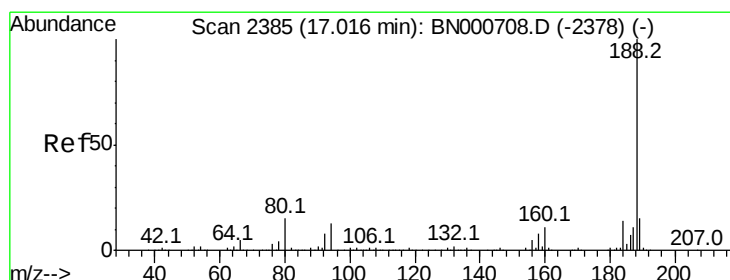
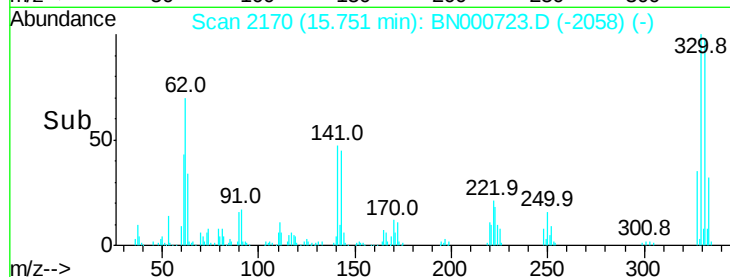
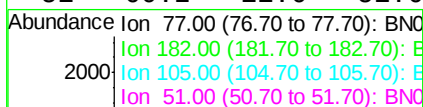
Ion Ratio Lower Upper

77 100

182 0.0 7.4 47.4#

105 93.1 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: BN000723.D

Acq: 09 Apr 2018 23:09

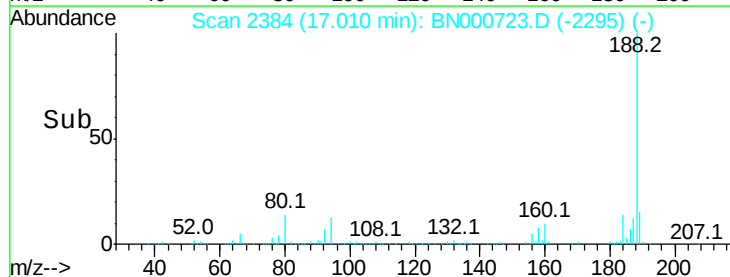
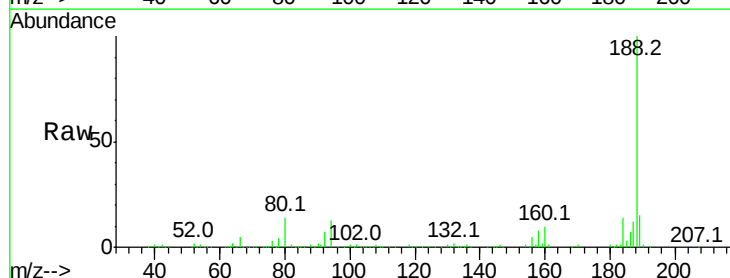
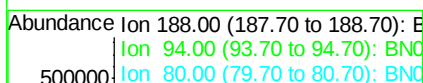
Tgt Ion: 188 Resp: 539680

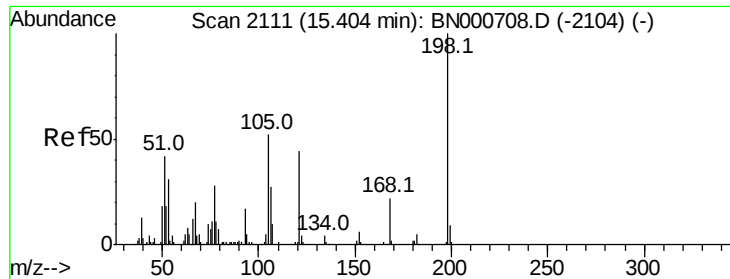
Ion Ratio Lower Upper

188 100

94 12.8 6.9 10.3#

80 14.0 7.7 11.5#

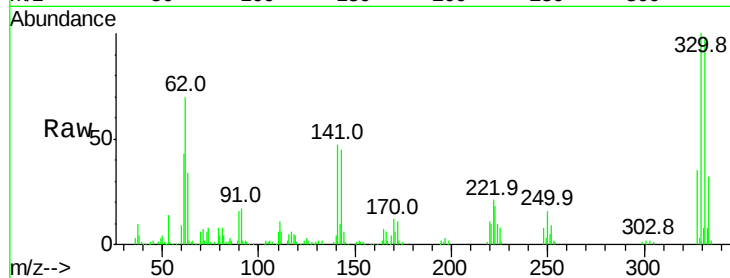




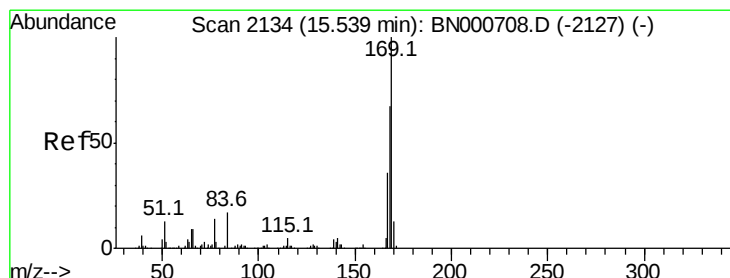
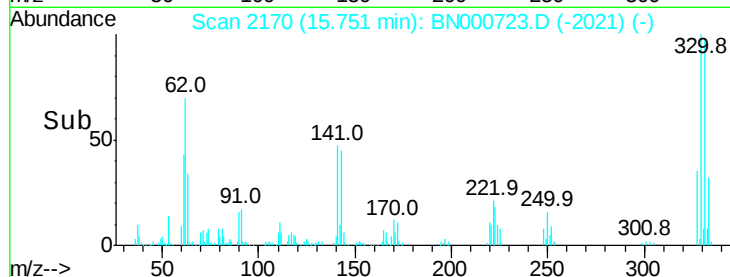
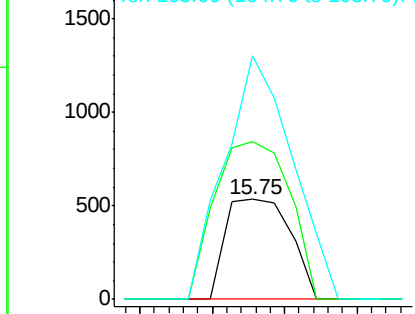
#64
4,6-Dinitro-2-methylphenol
Concen: 0.207 ng
RT: 15.75 min Scan# 2170
Delta R.T. 0.35 min
Lab File: BN000723.D
Acq: 09 Apr 2018 23:09

Instrument :
BNA_N
ClientSampleId :

Tot Ion:198 Resp: 665
Ion Ratio Lower Upper
198 100
51 157.4 30.6 70.6#
105 243.4 23.8 63.8#

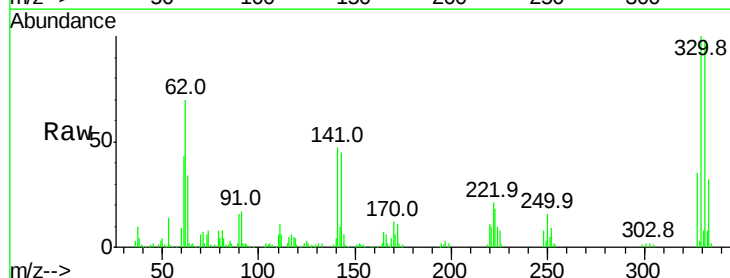


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BNO
Ion 105.00 (104.70 to 105.70): E

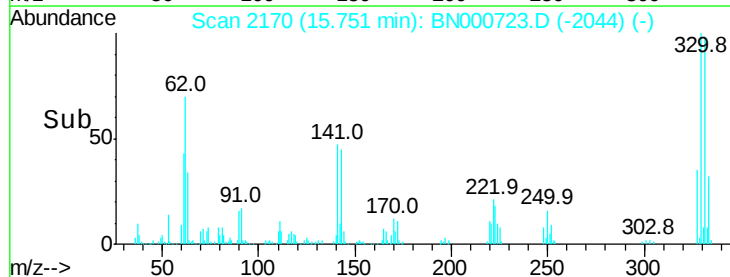
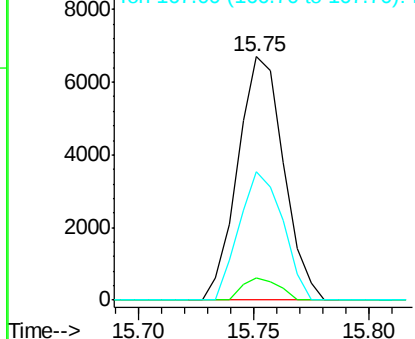


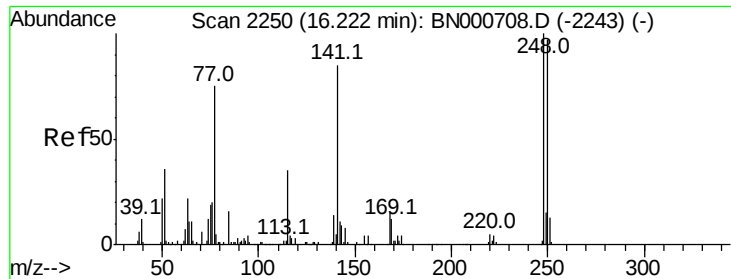
#65
n-Nitrosodiphenylamine
Concen: 0.516 ng
RT: 15.75 min Scan# 2170
Delta R.T. 0.21 min
Lab File: BN000723.D
Acq: 09 Apr 2018 23:09

Tgt Ion:169 Resp: 9302
Ion Ratio Lower Upper
169 100
168 8.9 55.7 83.5#
167 52.8 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

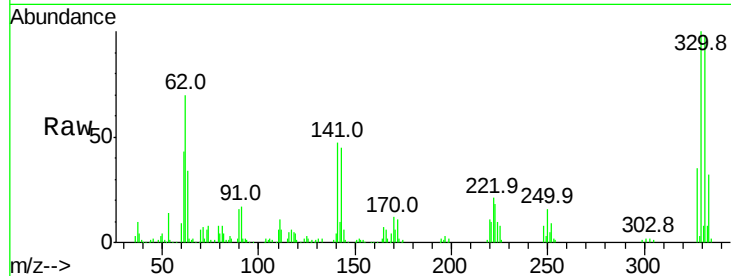




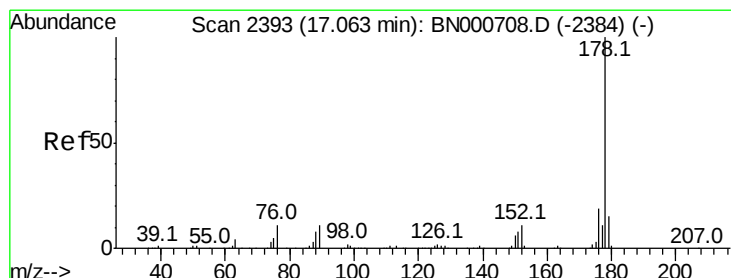
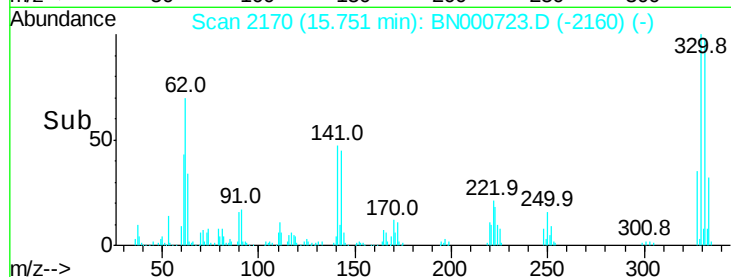
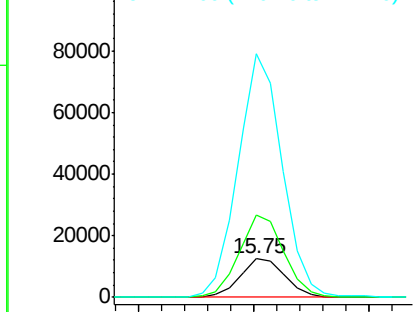
#66
 4-Bromophenyl-phenylether
 Concen: 3.135 ng
 RT: 15.75 min Scan# 2170
 Delta R.T. -0.47 min
 Lab File: BN000723.D
 Acq: 09 Apr 2018 23:09

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:248 Resp: 16919
 Ion Ratio Lower Upper
 248 100
 250 211.3 77.1 115.7#
 141 628.9 50.8 76.2#

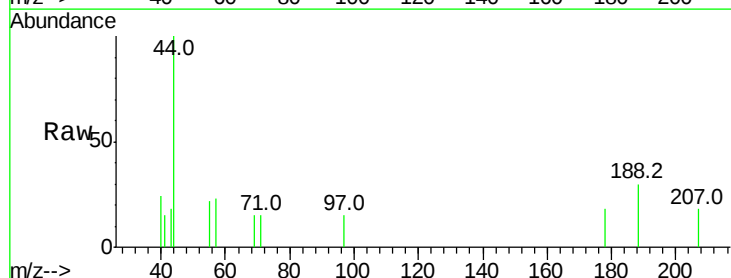


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

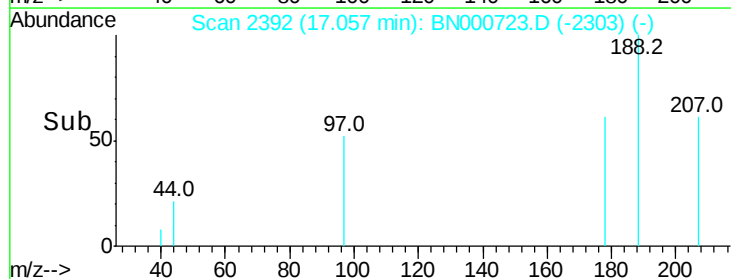
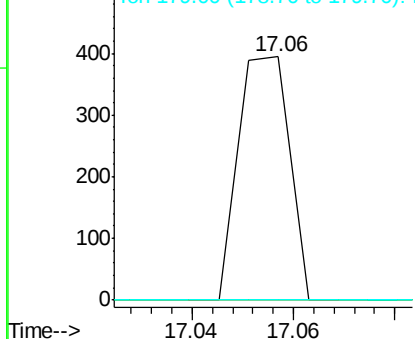


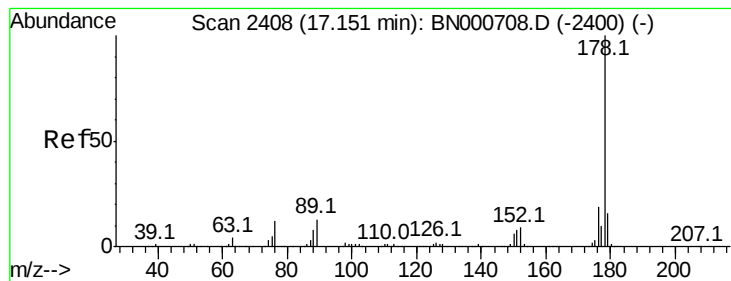
#70
 Phenanthrene
 Concen: 0.009 ng
 RT: 17.06 min Scan# 2392
 Delta R.T. -0.01 min
 Lab File: BN000723.D
 Acq: 09 Apr 2018 23:09

Tgt Ion:178 Resp: 276
 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: 17.06 min Scan# 2392

Delta R.T. -0.09 min

Lab File: BN000723.D

Acq: 09 Apr 2018 23:09

Instrument :

BNA_N

ClientSampleId :

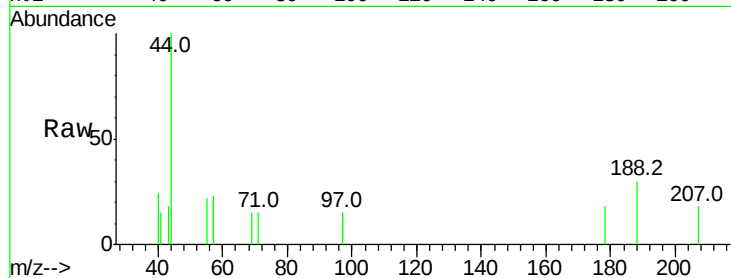
Tot Ion:178 Resp: 276

Ion Ratio Lower Upper

178 100

176 0.0 16.0 24.0#

179 0.0 12.5 18.7#

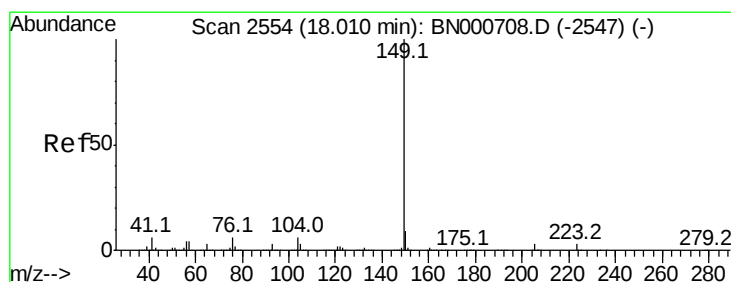
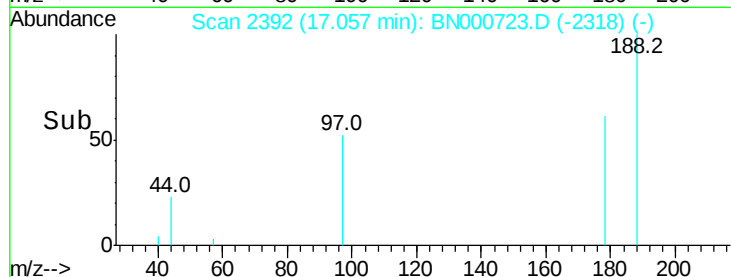
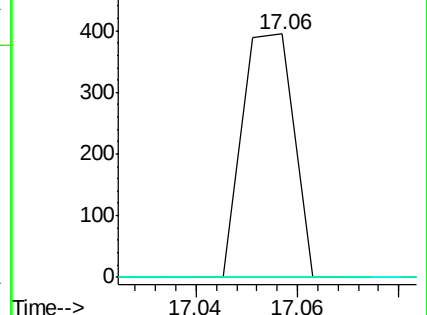


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

17.06



#73

Di-n-butylphthalate

Concen: 0.007 ng

RT: 18.00 min Scan# 2552

Delta R.T. -0.01 min

Lab File: BN000723.D

Acq: 09 Apr 2018 23:09

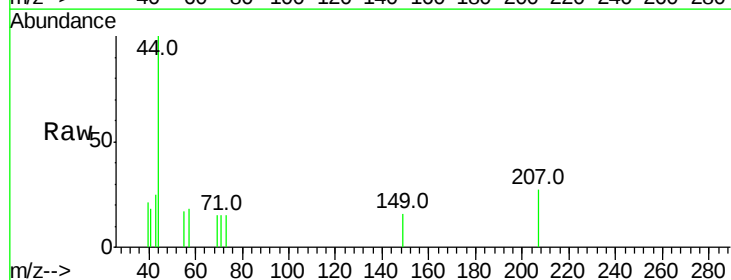
Tgt Ion:149 Resp: 244

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

104 0.0 3.9 5.9#

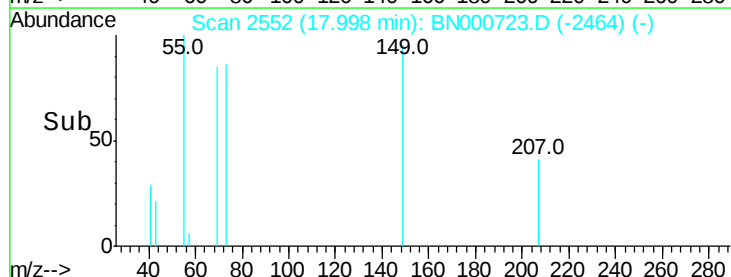
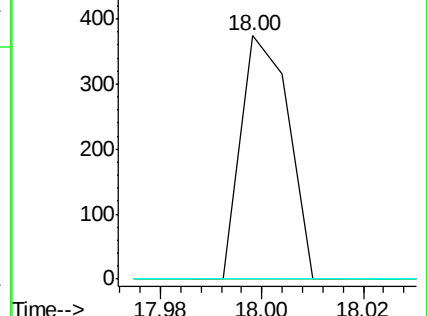


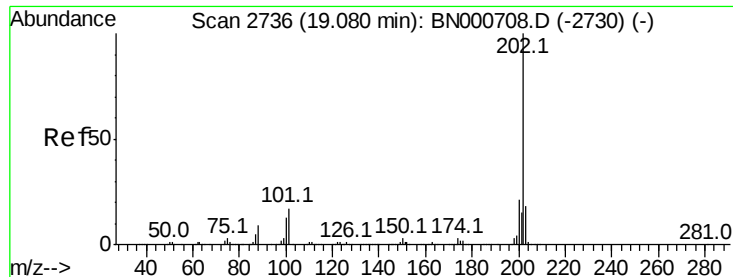
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

18.00





#74

Fluoranthene

Concen: 0.004 ng

RT: 19.08 min Scan# 2736

Delta R.T. -0.00 min

Lab File: BN000723.D

Acq: 09 Apr 2018 23:09

Instrument :

BNA_N

ClientSampleId :

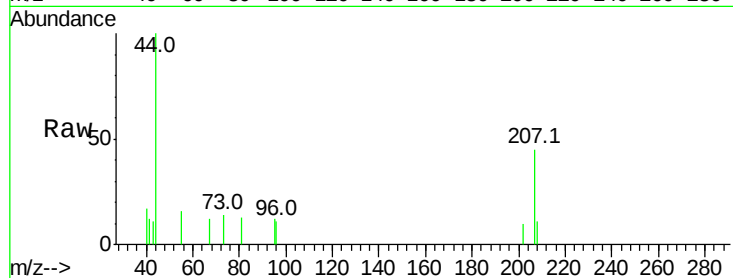
Tot Ion:202 Resp: 111

Ion Ratio Lower Upper

202 100

101 0.0 0.0 28.9

203 0.0 0.0 37.5



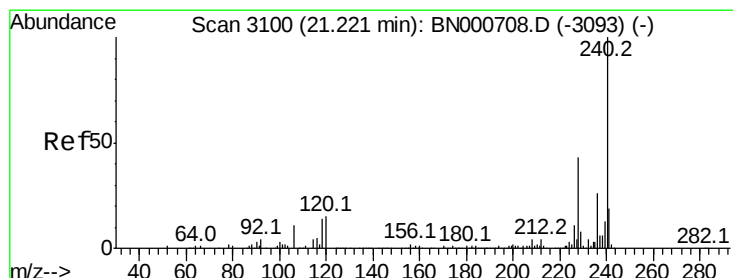
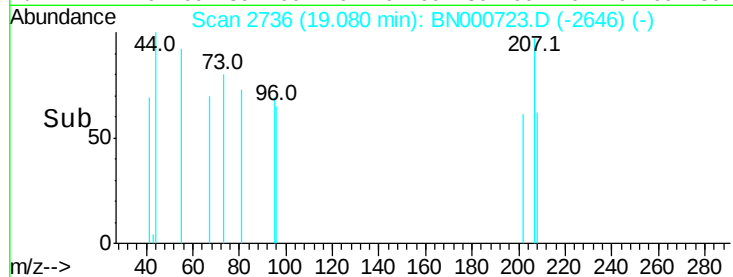
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

19.08

Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.22 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BN000723.D

Acq: 09 Apr 2018 23:09

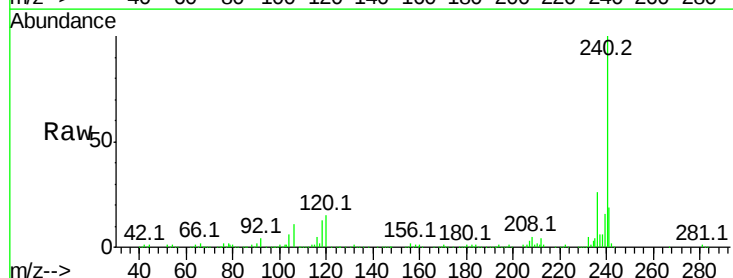
Tgt Ion:240 Resp: 449311

Ion Ratio Lower Upper

240 100

120 14.8 6.8 10.2#

236 26.3 20.9 31.3



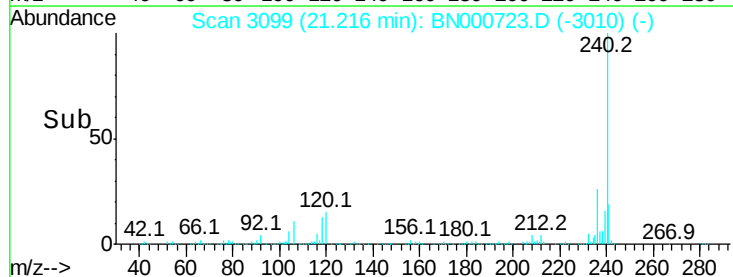
Abundance Ion 240.00 (239.70 to 240.70): E

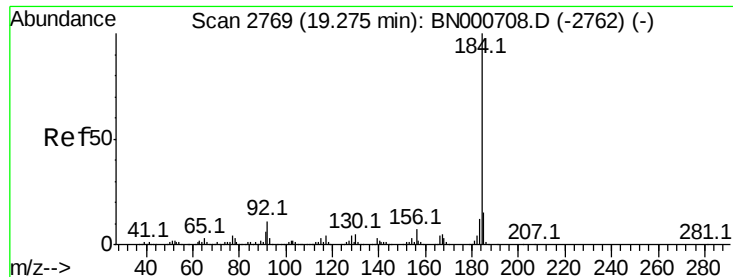
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.22

Time-->





#76

Benzidine

Concen: 2.676 ng

RT: 19.66 min Scan# 2835

Delta R.T. 0.39 min

Lab File: BN000723.D

Acq: 09 Apr 2018 23:09

Instrument :

BNA_N

ClientSampleId :

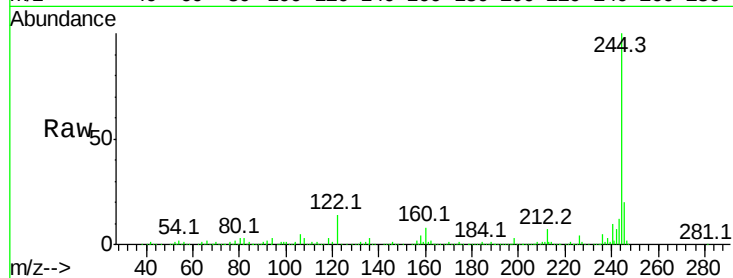
Tot Ion:184 Resp: 32871

Ion Ratio Lower Upper

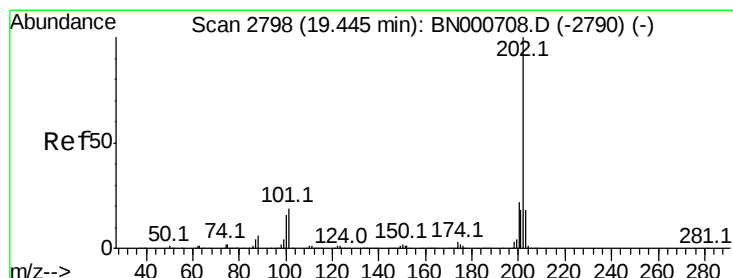
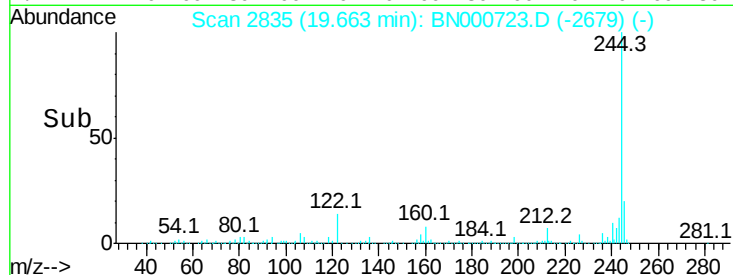
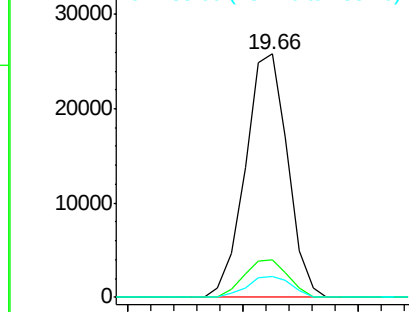
184 100

185 15.5 11.1 16.7

183 8.5 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: 0.242 ng

RT: 19.66 min Scan# 2835

Delta R.T. 0.22 min

Lab File: BN000723.D

Acq: 09 Apr 2018 23:09

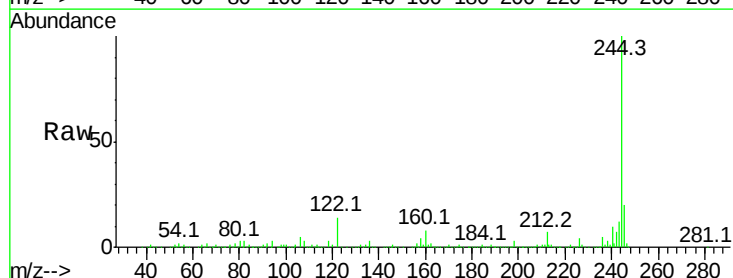
Tgt Ion:202 Resp: 7772

Ion Ratio Lower Upper

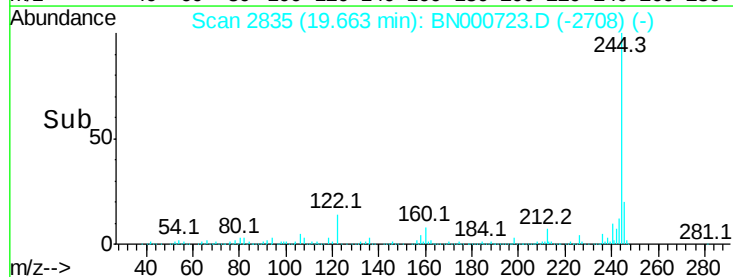
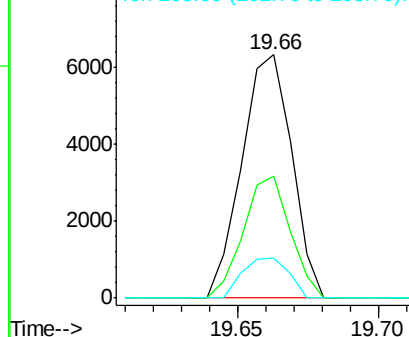
202 100

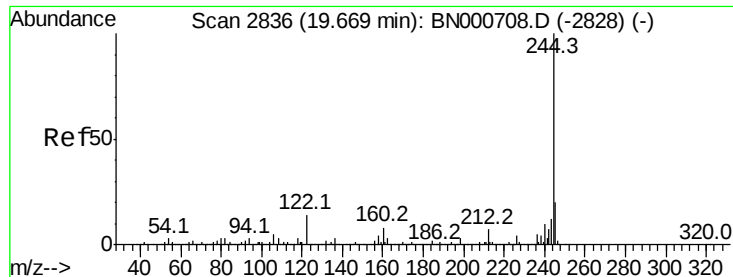
200 50.1 16.9 25.3#

203 16.7 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: 104.621 ng

RT: 19.66 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BN000723.D

Acq: 09 Apr 2018 23:09

Instrument :

BNA_N

ClientSampleId :

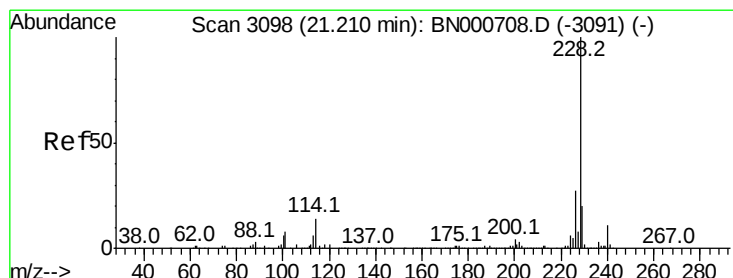
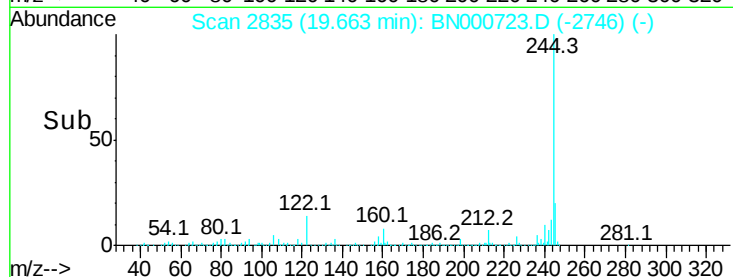
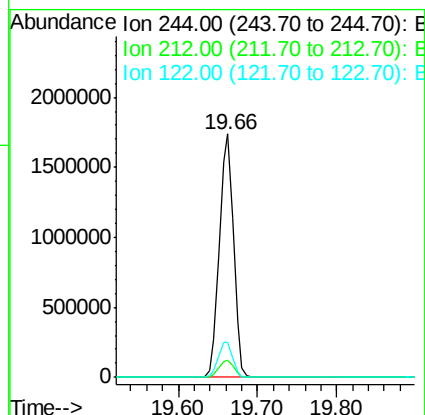
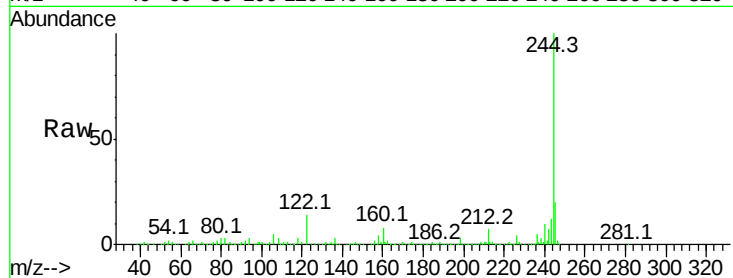
Tot Ion:244 Resp: 2152116

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 14.1 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: BN000723.D

Acq: 09 Apr 2018 23:09

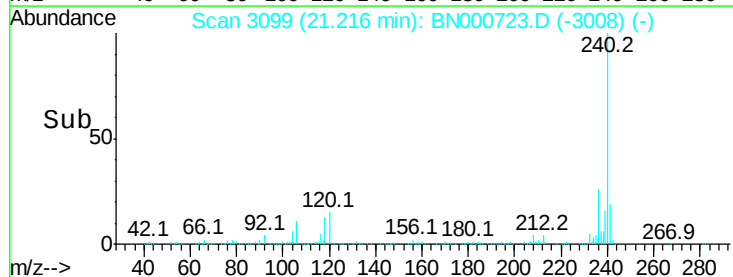
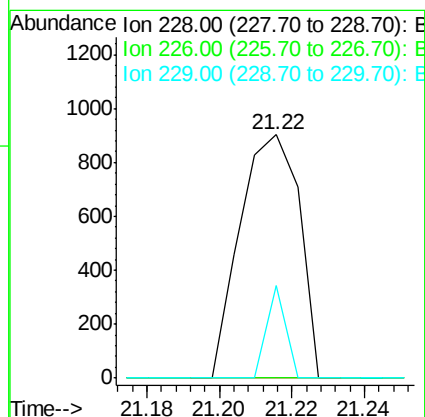
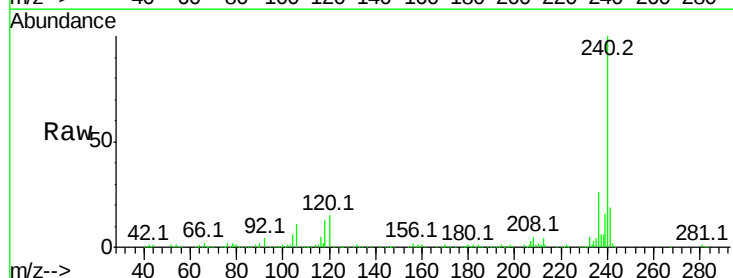
Tgt Ion:228 Resp: 1023

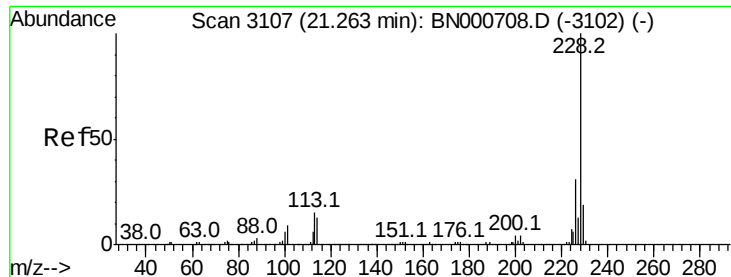
Ion Ratio Lower Upper

228 100

226 0.0 22.7 34.1#

229 37.8 16.2 24.2#





#82

Chrysene

Concen: 0.037 ng

RT: 21.22 min Scan# 3099

Delta R.T. -0.05 min

Lab File: BN000723.D

Acq: 09 Apr 2018 23:09

Instrument :

BNA_N

ClientSampleId :

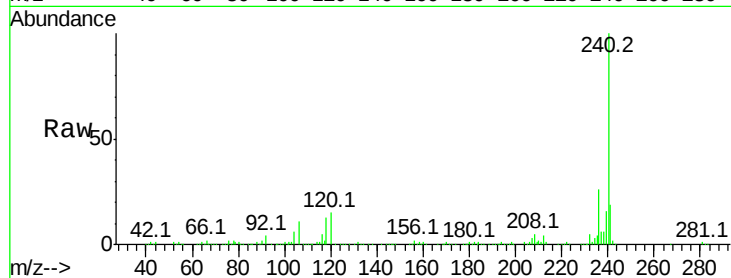
Tot Ion:228 Resp: 1023

Ion Ratio Lower Upper

228 100

226 0.0 24.9 37.3#

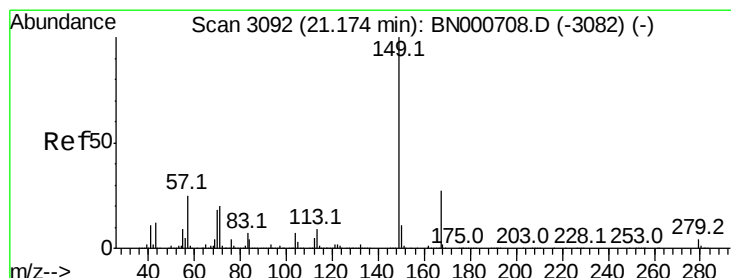
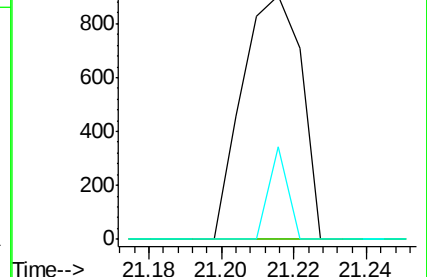
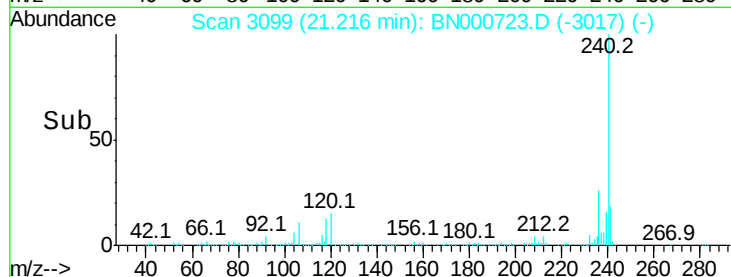
229 37.8 15.0 22.4#



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: 0.025 ng

RT: 21.17 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BN000723.D

Acq: 09 Apr 2018 23:09

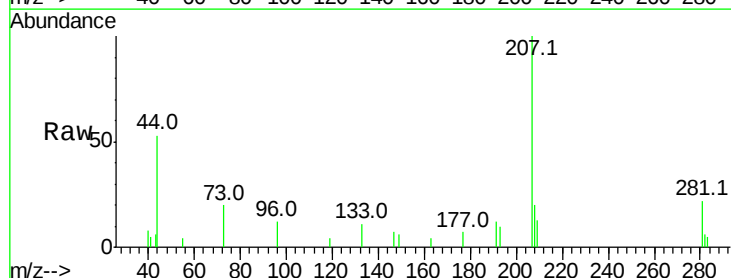
Tgt Ion:149 Resp: 502

Ion Ratio Lower Upper

149 100

167 0.0 24.3 36.5#

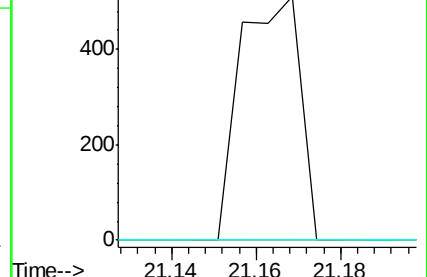
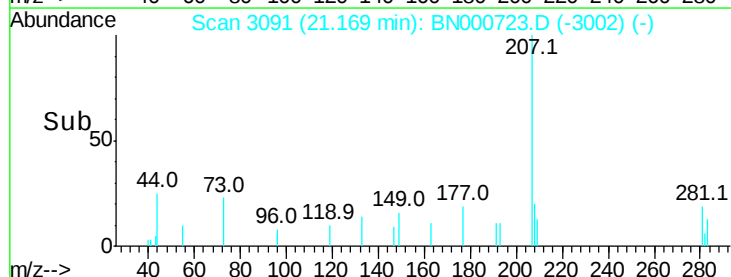
279 0.0 4.0 6.0#

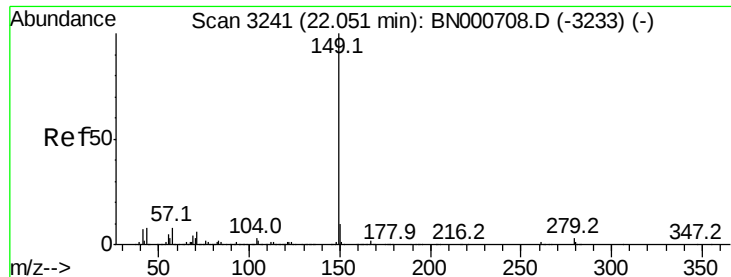


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

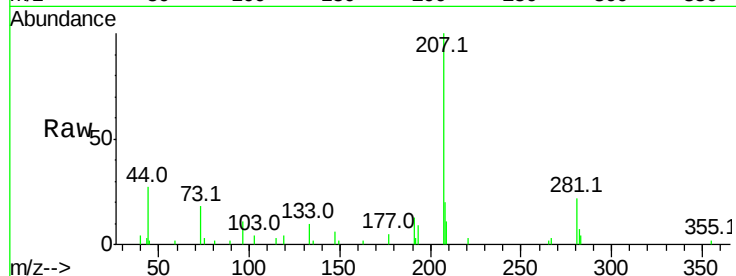




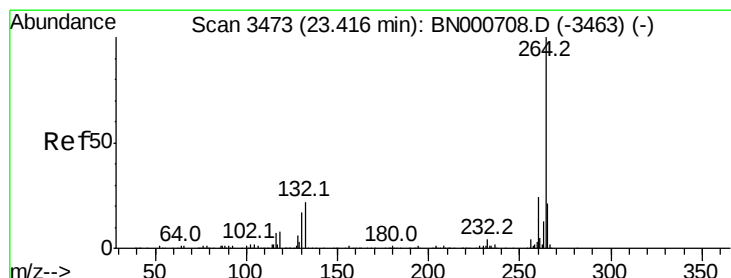
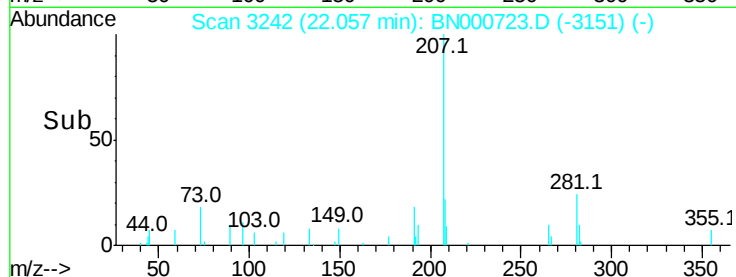
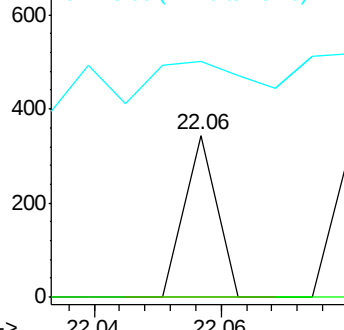
#84
Di-n-octyl phthalate
Concen: 0.004 ng
RT: 22.06 min Scan# 3242
Delta R.T. 0.01 min
Lab File: BN000723.D
Acq: 09 Apr 2018 23:09

Instrument :
BNA_N
ClientSampleId :

Tot Ion:149 Resp: 121
Ion Ratio Lower Upper
149 100
167 0.0 1.4 2.0#
43 78.5 8.9 13.3#

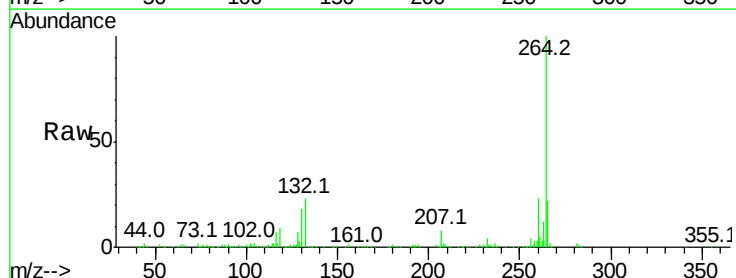


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BNC

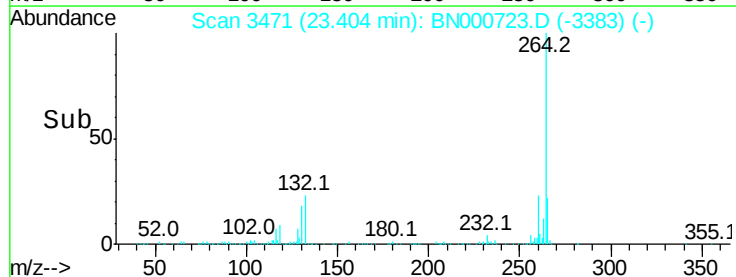
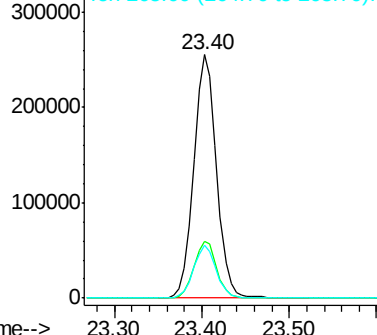


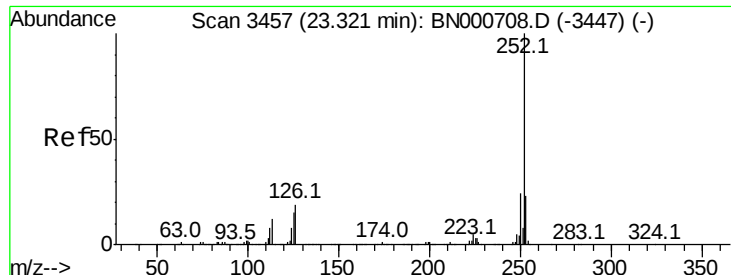
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.40 min Scan# 3471
Delta R.T. -0.01 min
Lab File: BN000723.D
Acq: 09 Apr 2018 23:09

Tgt Ion:264 Resp: 455410
Ion Ratio Lower Upper
264 100
260 23.2 17.4 26.0
265 21.7 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: 0.062 ng

RT: 23.40 min Scan# 3471

Delta R.T. 0.08 min

Lab File: BN000723.D

Acq: 09 Apr 2018 23:09

Instrument :

BNA_N

ClientSampleId :

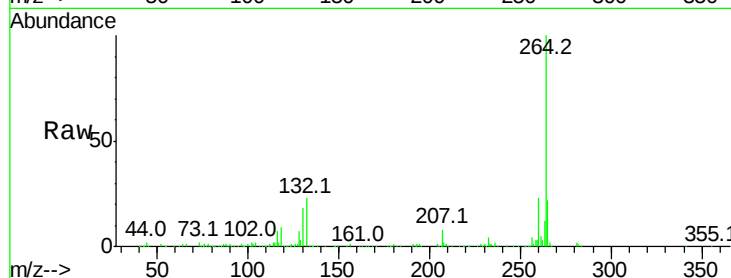
Tot Ion:252 Resp: 1553

Ion Ratio Lower Upper

252 100

253 36.1 18.3 27.5#

125 35.8 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

