

Data Path : Z:\HPCHEM1\BNA N\DATA\BN040918\
 Data File : BN000721.D
 Acq On : 09 Apr 2018 22:01
 Operator : JU/SJ
 Sample : J2273-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 10 04:34:49 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	146663	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	607783	20.00	ng	0.00
38) Acenaphthene-d10	14.26	164	300653	20.00	ng	0.00
63) Phenanthrene-d10	17.01	188	585537	20.00	ng	0.00
75) Chrysene-d12	21.22	240	484979	20.00	ng	0.00
86) Perylene-d12	23.40	264	395061	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	435526	43.85	ng	0.00
7) Phenol-d6	6.81	99	332671	24.60	ng	0.00
23) Nitrobenzene-d5	8.78	82	1236349	107.65	ng	0.00
41) 2,4,6-Tribromophenol	15.76	330	298329	100.92	ng	0.00
44) 2-Fluorobiphenyl	12.89	172	2265250	103.84	ng	0.00
78) Terphenyl-d14	19.66	244	2412223	108.64	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.26	88	619	0.136	ng	# 27
4) n-Nitrosodimethylamine	3.66	42	135	0.041	ng	# 1
6) Aniline	6.84	93	670	0.037	ng	# 1
9) Benzaldehyde	6.81	77	625	0.091	ng	# 5
10) Phenol	6.84	94	35279	2.454	ng	# 88
11) bis(2-Chloroethyl)ether	7.18	93	1128	0.095	ng	# 1
15) Benzyl Alcohol	7.95	79	20605	2.237	ng	# 34
19) n-Nitroso-di-n-propylamine	8.78	70	157523	18.637	ng	# 66
24) Nitrobenzene	8.78	77	3449	0.277	ng	# 40
25) Isophorone	8.96	82	117	0.006	ng	# 69
31) Naphthalene	10.45	128	348	0.011	ng	# 68
45) 1,1'-Biphenyl	13.09	154	5348	0.198	ng	# 97
47) 2-Nitroaniline	13.73	65	711	0.124	ng	# 1
49) Dimethylphthalate	13.73	163	77410	3.234	ng	# 100
50) 2,6-Dinitrotoluene	14.26	165	38280	7.724	ng	# 20
51) Acenaphthene	14.26	154	992	0.050	ng	# 5
56) 2,4-Dinitrotoluene	14.26	165	38280	5.949	ng	# 18
57) Fluorene	15.76	166	17218	0.768	ng	# 88
59) Diethylphthalate	15.10	149	3407	0.145	ng	# 83
62) Azobenzene	15.75	77	2235	0.086	ng	# 21
64) 4,6-Dinitro-2-methylphenol	15.76	198	779	0.223	ng	# 1
65) n-Nitrosodiphenylamine	15.76	169	11914	0.610	ng	# 44
66) 4-Bromophenyl-phenylether	15.76	248	20875	3.565	ng	# 1
70) Phenanthrene	17.05	178	480	0.014	ng	# 60
71) Anthracene	17.05	178	480	0.014	ng	# 59
73) Di-n-butylphthalate	18.00	149	1178	0.032	ng	# 78
74) Fluoranthene	19.07	202	261	0.008	ng	# 65
76) Benzdine	19.66	184	36923	2.785	ng	# 91
77) Pyrene	19.44	202	293	0.008	ng	# 57
80) Benzo(a)anthracene	21.22	228	1207	0.040	ng	# 53
82) Chrysene	21.25	228	137	0.005	ng	# 49
83) Bis(2-ethylhexyl)phthalate	21.16	149	2052	0.094	ng	# 93
84) Di-n-octyl phthalate	22.04	149	340	0.011	ng	# 1
87) Benzo(b)fluoranthene	22.75	252	115	0.005	ng	# 59

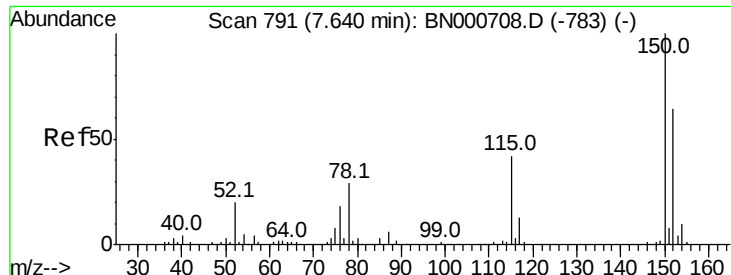
Data Path : Z:\HPCHEM1\BNA N\DATA\BN040918\
Data File : BN000721.D
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(k)fluoranthene	22.75	252	115	0.005	ng	# 60
89) Benzo(a)pyrene	23.40	252	1336	0.061	ng	# 33

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

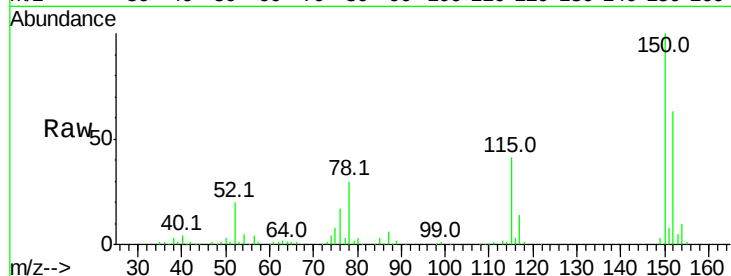


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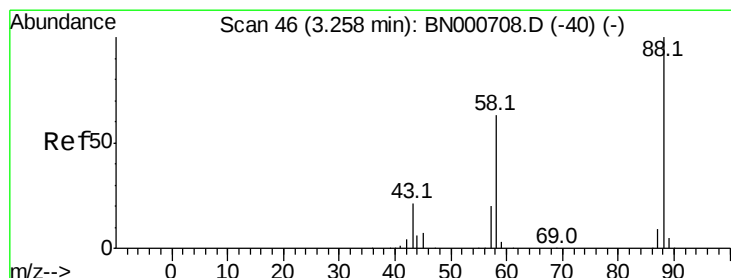
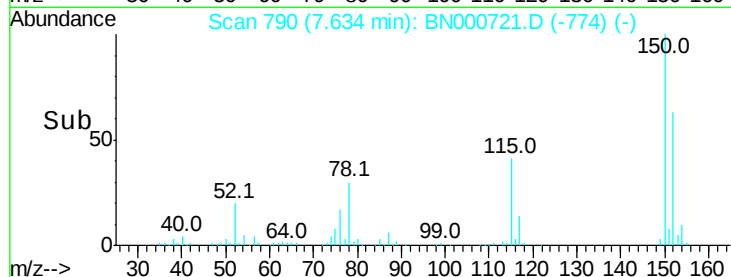
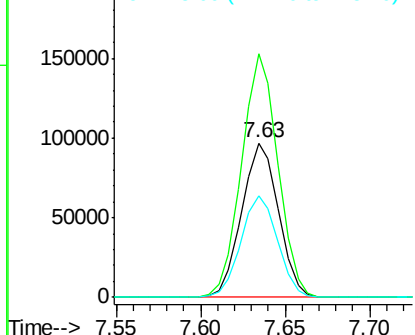
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 790
Delta R.T. -0.01 min
Lab File: BN000721.D
Acq: 09 Apr 2018 22:01

Instrument :
BNA_N
ClientSampled :

Tot Ion:152 Resp: 146663
Ion Ratio Lower Upper
152 100
150 158.1 126.6 189.8
115 65.5 53.0 79.4



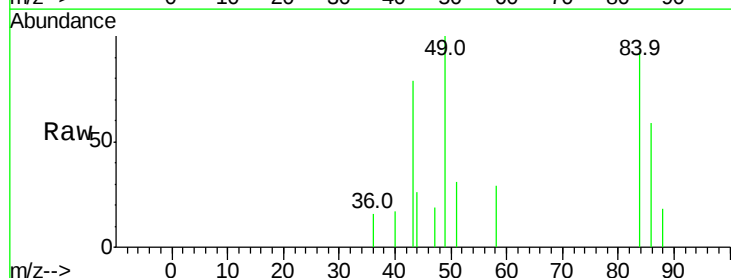
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



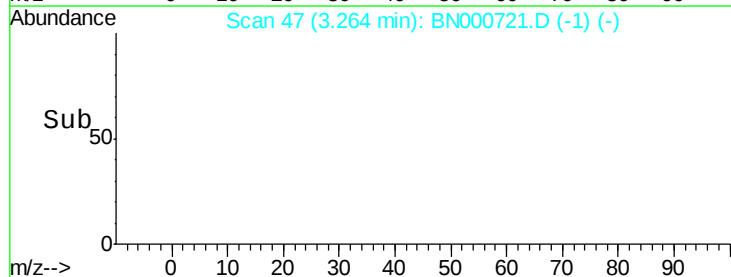
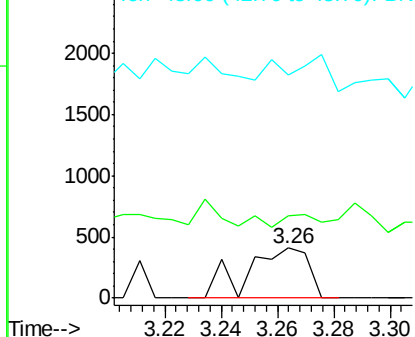
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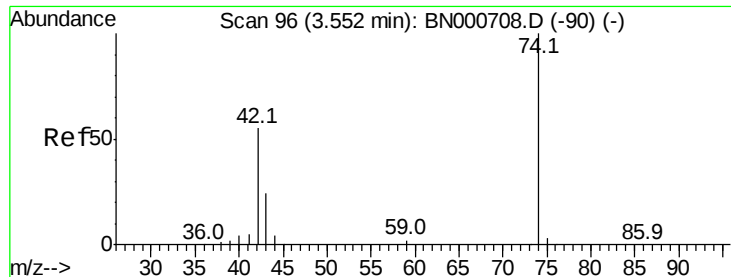
1,4-Dioxane
Concen: 0.136 ng
RT: 3.26 min Scan# 47
Delta R.T. 0.01 min
Lab File: BN000721.D
Acq: 09 Apr 2018 22:01

Tgt Ion: 88 Resp: 619
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



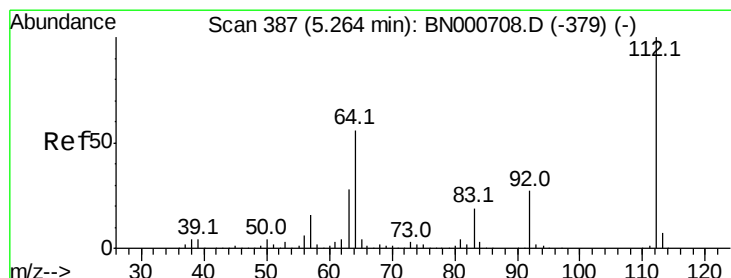
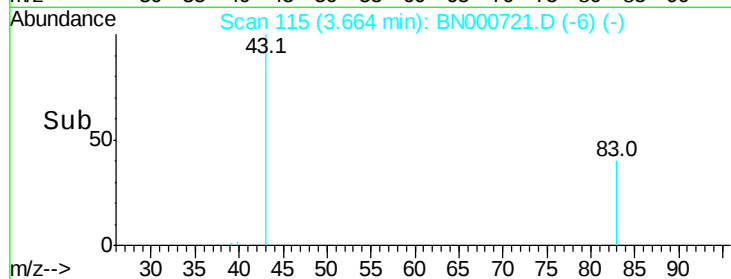
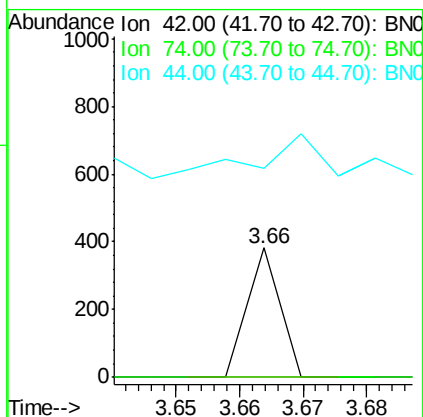
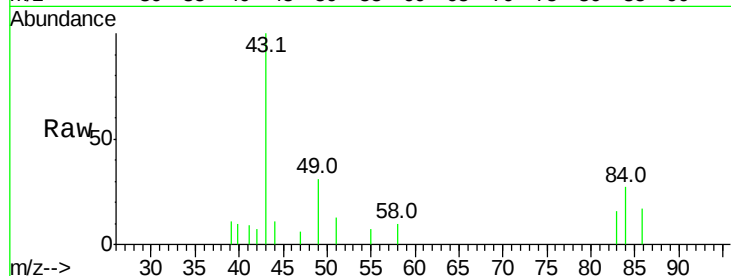


#4

n-Nitrosodimethylamine
 Concen: 0.041 ng
 RT: 3.66 min Scan# 115
 Delta R.T. 0.11 min
 Lab File: BN000721.D
 Acq: 09 Apr 2018 22:01

Instrument :
 BNA_N
 ClientSampleId :

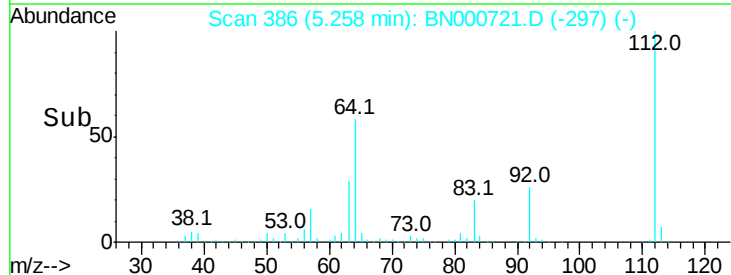
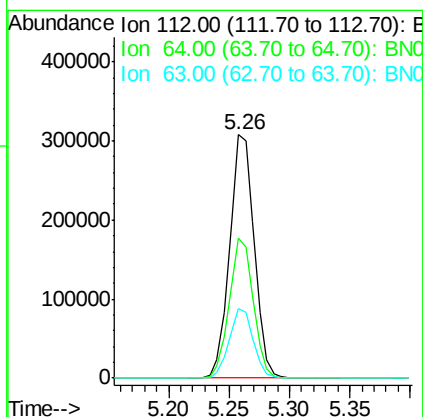
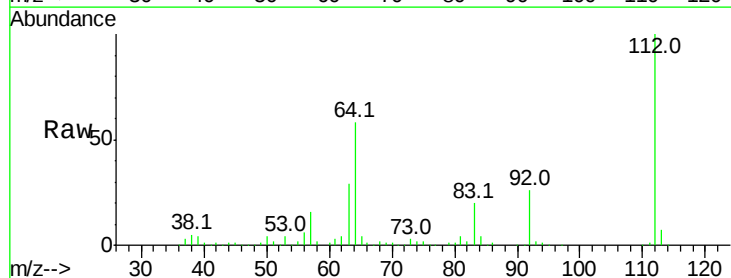
Tot Ion: 42 Resp: 135
 Ion Ratio Lower Upper
 42 100
 74 0.0 128.0 192.0#
 44 161.8 12.0 18.0#

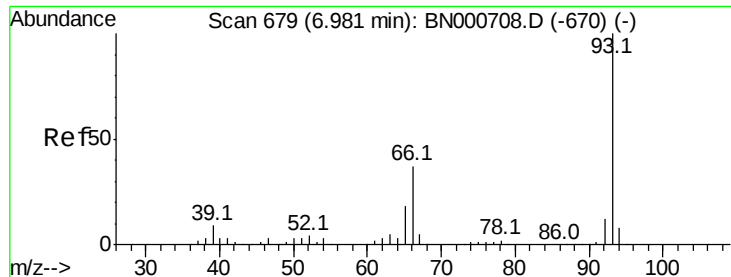


#5

2-Fluorophenol
 Concen: 43.847 ng
 RT: 5.26 min Scan# 386
 Delta R.T. -0.01 min
 Lab File: BN000721.D
 Acq: 09 Apr 2018 22:01

Tgt Ion:112 Resp: 435526
 Ion Ratio Lower Upper
 112 100
 64 57.7 56.3 84.5
 63 28.5 30.1 45.1#





#6

Aniline

Concen: 0.037 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.14 min

Lab File: BN000721.D

Acq: 09 Apr 2018 22:01

Instrument :

BNA_N

ClientSampleId :

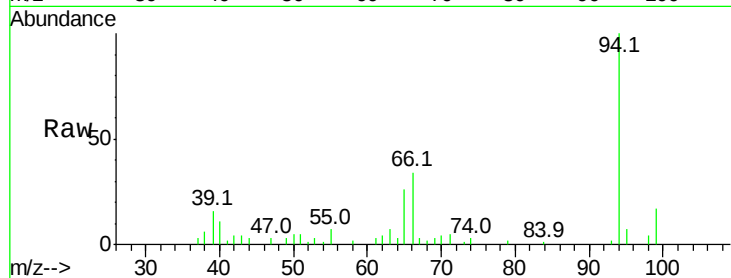
Tot Ion: 93 Resp: 670

Ion Ratio Lower Upper

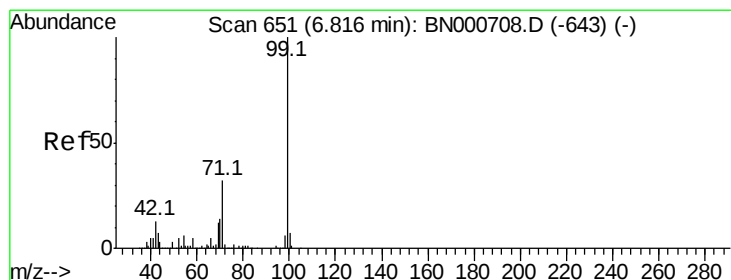
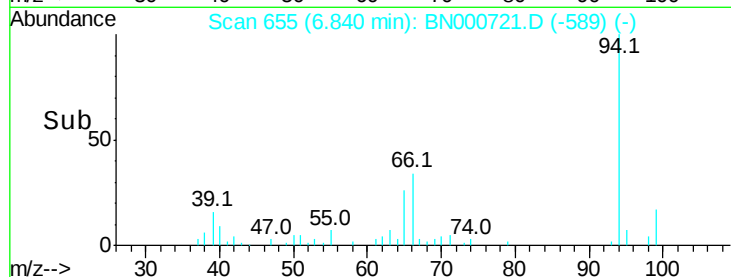
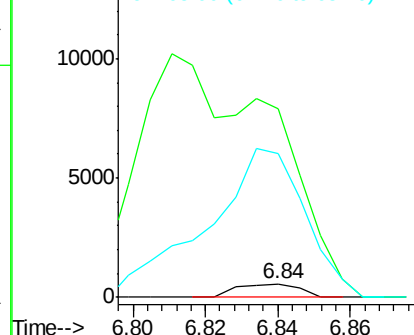
93 100

66 1368.1 33.7 50.5#

65 1044.4 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: 24.602 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.01 min

Lab File: BN000721.D

Acq: 09 Apr 2018 22:01

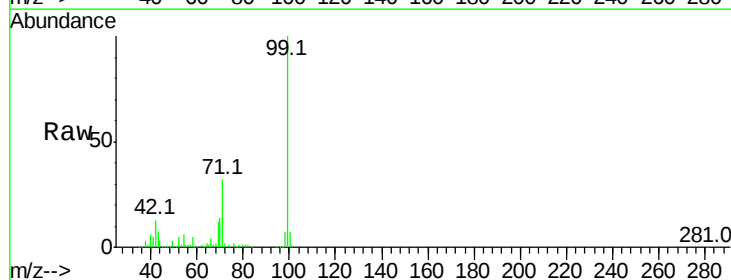
Tgt Ion: 99 Resp: 332671

Ion Ratio Lower Upper

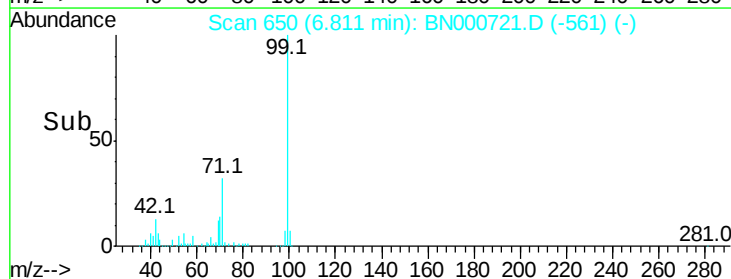
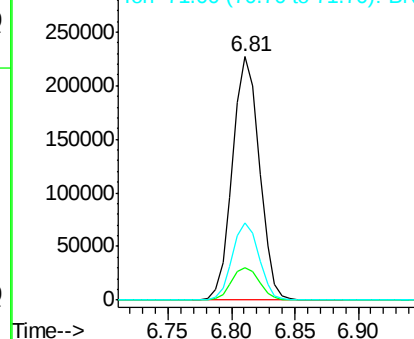
99 100

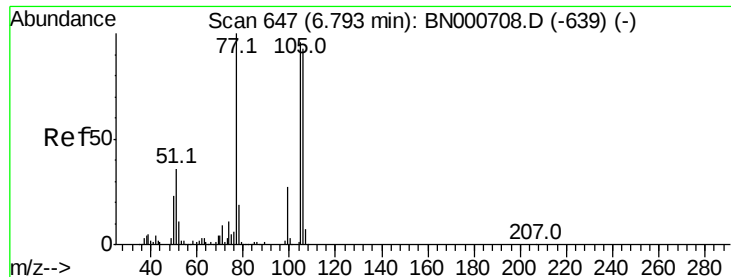
42 13.3 14.1 21.1#

71 31.9 26.1 39.1



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





#9

Benzaldehyd

Concen: 0.091 ng

RT: 6.81 min Scan# 650

Delta R.T. 0.02 min

Lab File: BN000721.D

Acq: 09 Apr 2018 22:01

Instrument :

BNA_N

ClientSampleId :

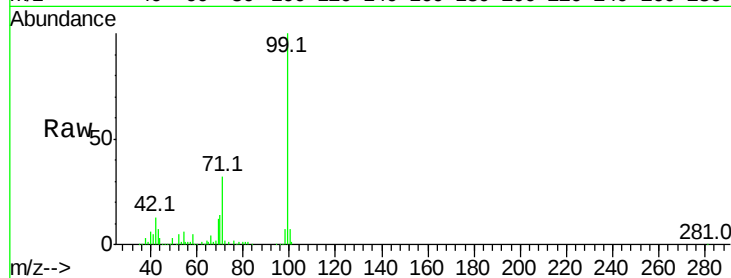
Tot Ion: 77 Resp: 625

Ion Ratio Lower Upper

77 100

105 0.0 71.3 111.3#

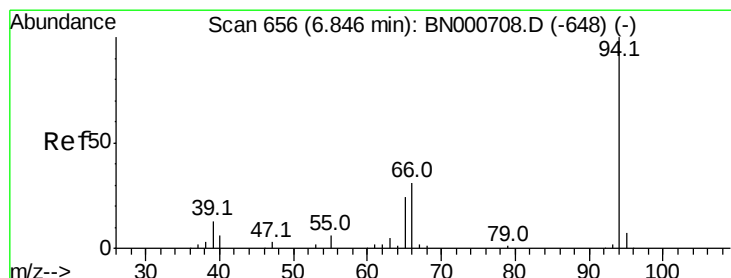
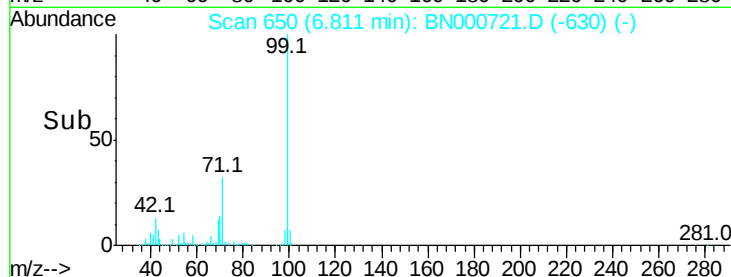
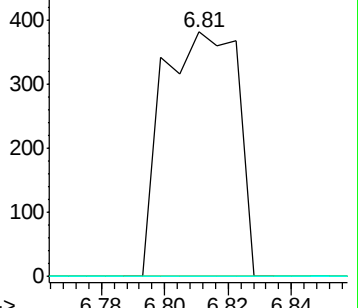
106 0.0 64.2 104.2#



Abundance Ion 77.00 (76.70 to 77.70): BN0

Ion 105.00 (104.70 to 105.70): BN0

Ion 106.00 (105.70 to 106.70): BN0



#10

Phenol

Concen: 2.454 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BN000721.D

Acq: 09 Apr 2018 22:01

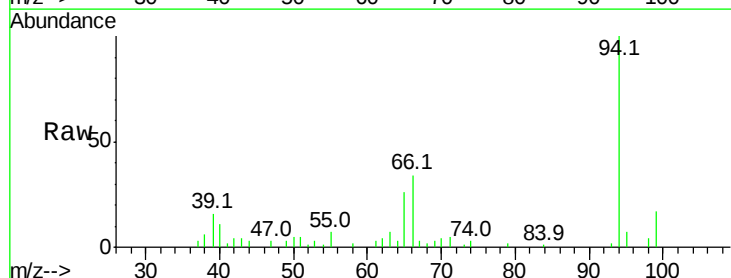
Tgt Ion: 94 Resp: 35279

Ion Ratio Lower Upper

94 100

65 25.9 11.9 51.9

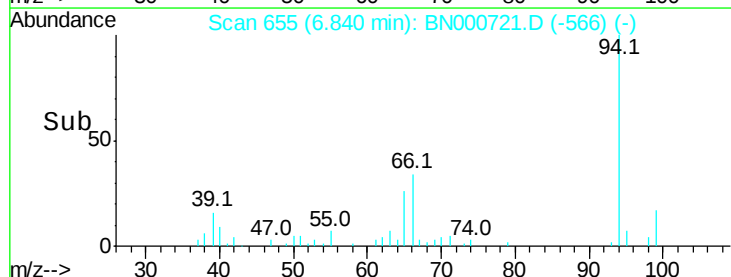
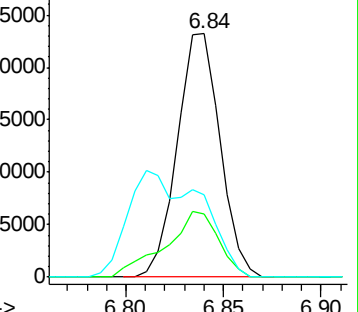
66 33.9 22.2 62.2

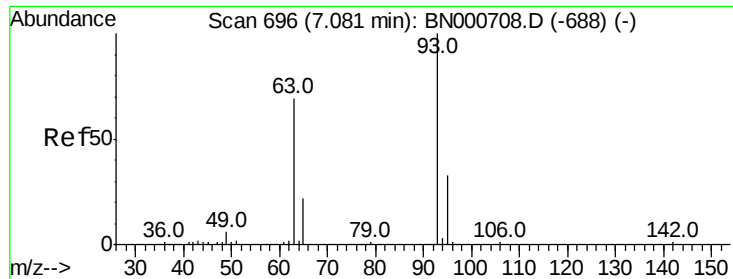


Abundance Ion 94.00 (93.70 to 94.70): BN0

Ion 65.00 (64.70 to 65.70): BN0

Ion 66.00 (65.70 to 66.70): BN0

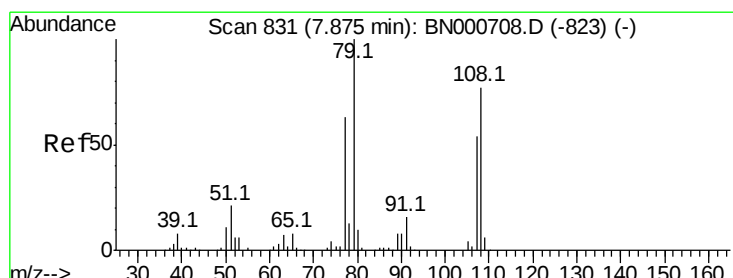
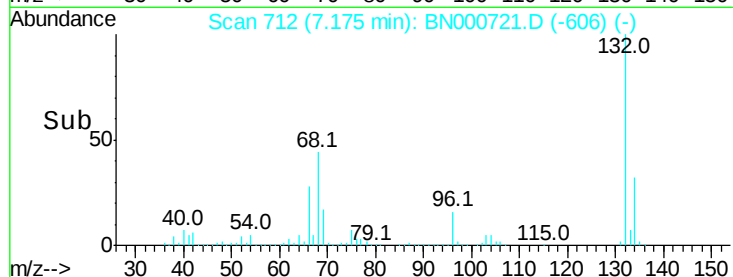
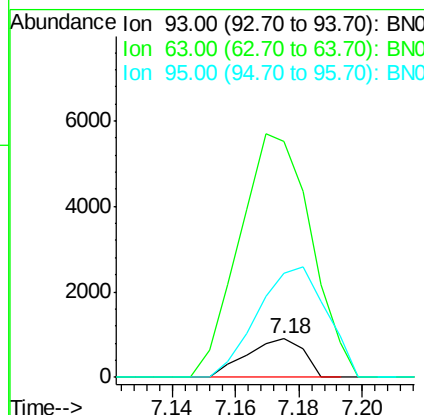
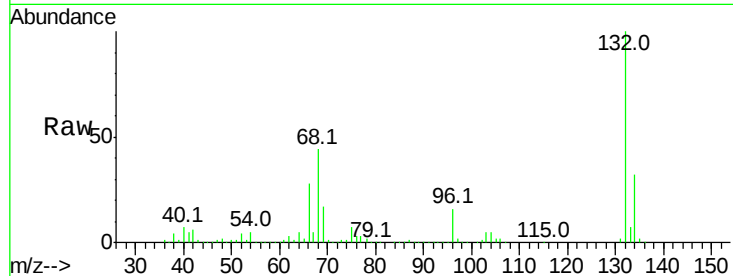




#11
 bis(2-Chloroethyl)ether
 Concen: 0.095 ng
 RT: 7.18 min Scan# 712
 Delta R.T. 0.09 min
 Lab File: BN000721.D
 Acq: 09 Apr 2018 22:01

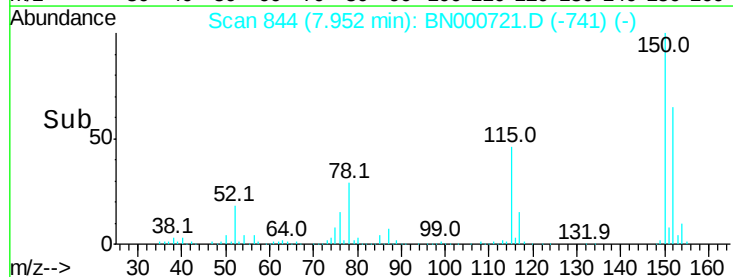
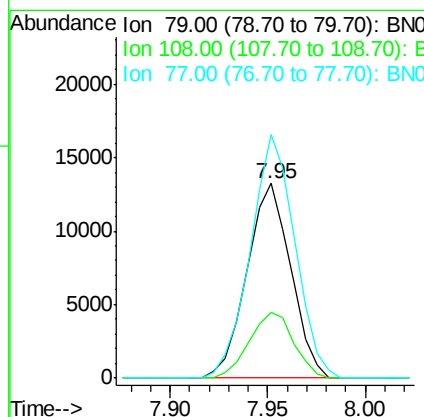
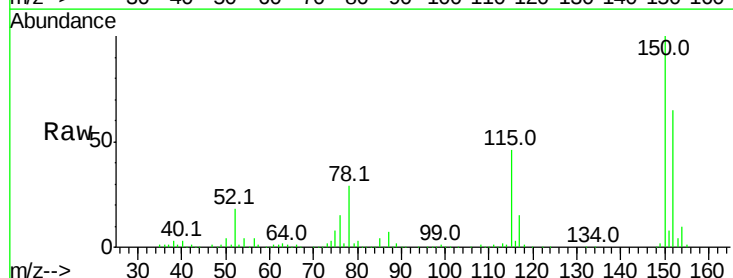
Instrument :
 BNA_N
 ClientSampleId :

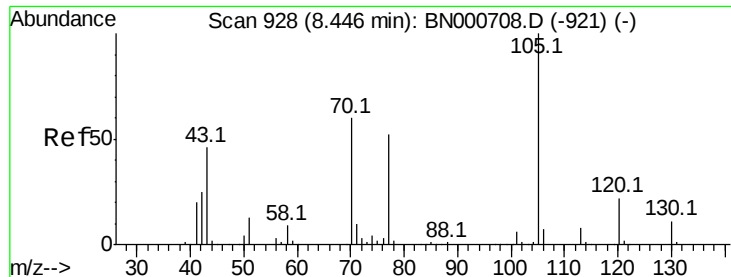
Tot Ion: 93 Resp: 1128
 Ion Ratio Lower Upper
 93 100
 63 614.8 67.1 107.1#
 95 269.5 11.5 51.5#



#15
 Benzyl Alcohol
 Concen: 2.237 ng
 RT: 7.95 min Scan# 844
 Delta R.T. 0.08 min
 Lab File: BN000721.D
 Acq: 09 Apr 2018 22:01

Tgt Ion: 79 Resp: 20605
 Ion Ratio Lower Upper
 79 100
 108 33.7 57.2 85.8#
 77 124.9 46.1 69.1#

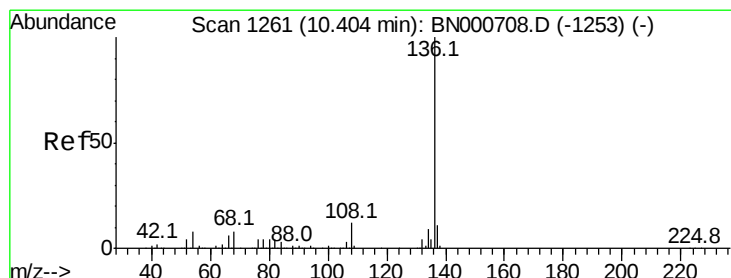
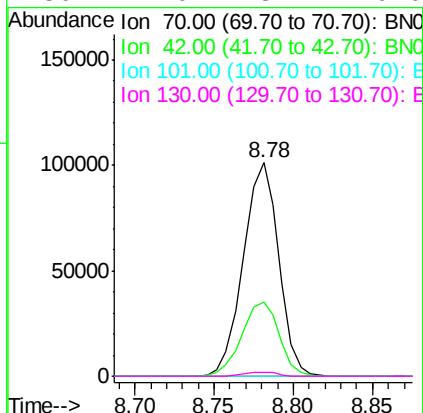
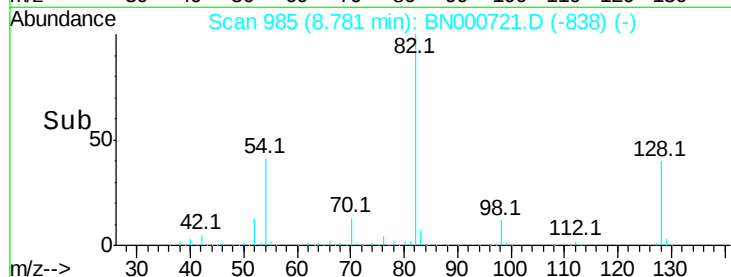
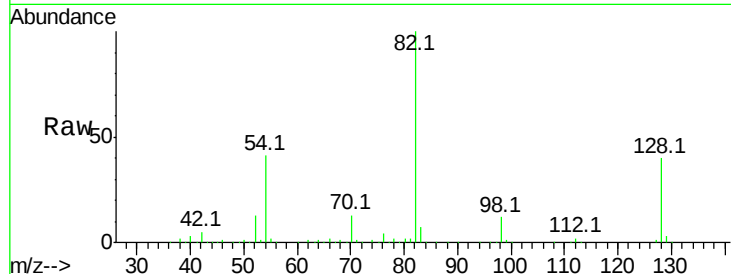




#19
n-Nitroso-di-n-propylamine
Concen: 18.637 ng
RT: 8.78 min Scan# 985
Delta R.T. 0.34 min
Lab File: BN000721.D
Acq: 09 Apr 2018 22:01

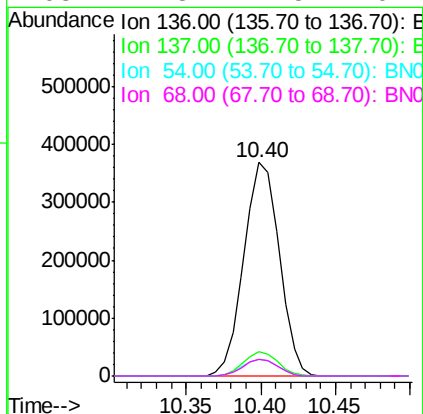
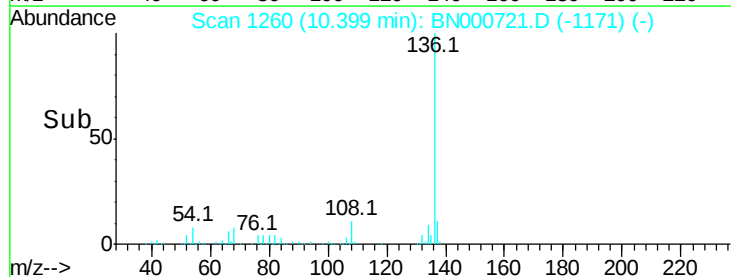
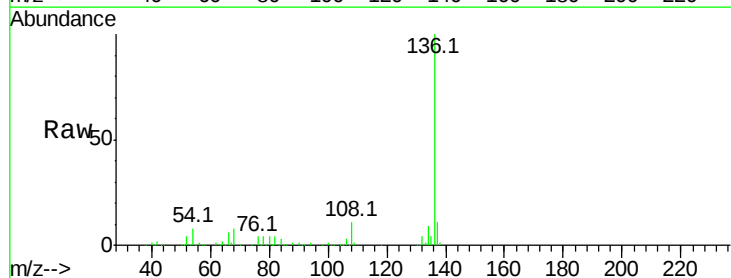
Instrument :
BNA_N
ClientSampleId :

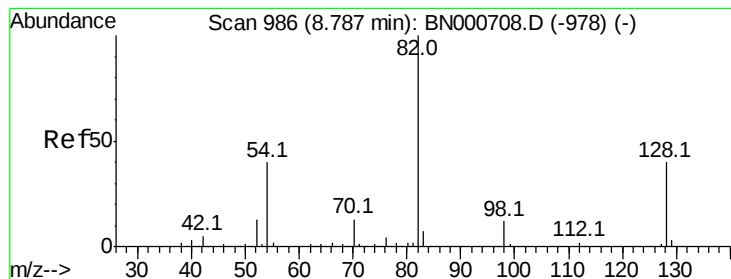
Tot Ion: 70 Resp: 157523
Ion Ratio Lower Upper
70 100
42 35.1 49.1 73.7#
101 0.0 8.5 12.7#
130 2.0 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.40 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BN000721.D
Acq: 09 Apr 2018 22:01

Tgt Ion: 136 Resp: 607783
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 8.0 10.3 15.5#
68 7.8 4.5 6.7#





#23

Nitrobenzene-d5

Concen: 107.645 ng

RT: 8.78 min Scan# 985

Delta R.T. -0.01 min

Lab File: BN000721.D

Acq: 09 Apr 2018 22:01

Instrument :

BNA_N

ClientSampled :

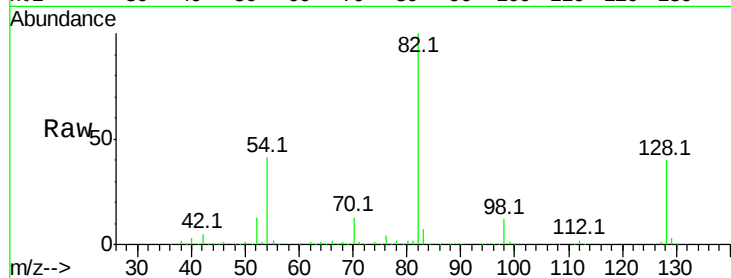
Tot Ion: 82 Resp: 1236349

Ion Ratio Lower Upper

82 100

128 40.3 29.7 44.5

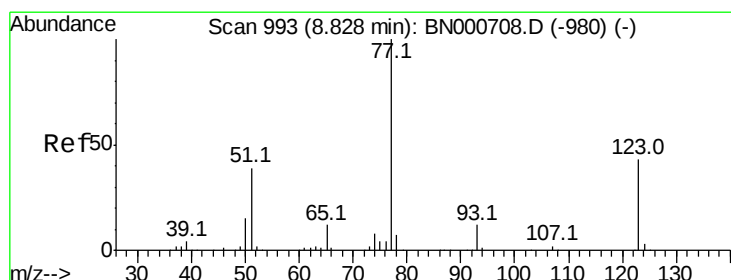
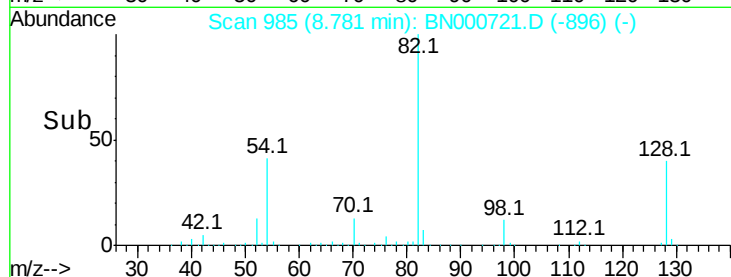
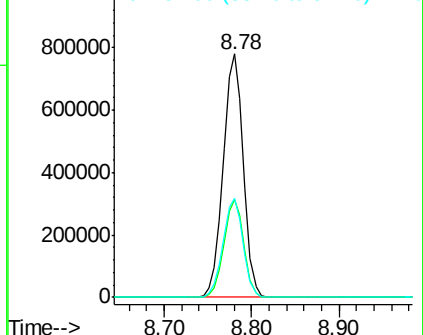
54 40.5 43.1 64.7#



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): BNC

Ion 54.00 (53.70 to 54.70): BNC



#24

Nitrobenzene

Concen: 0.277 ng

RT: 8.78 min Scan# 985

Delta R.T. -0.05 min

Lab File: BN000721.D

Acq: 09 Apr 2018 22:01

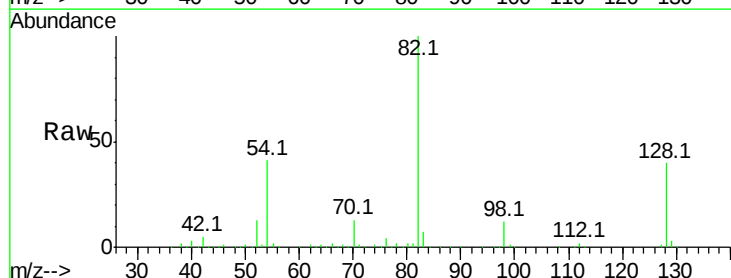
Tgt Ion: 77 Resp: 3449

Ion Ratio Lower Upper

77 100

123 0.0 33.0 49.6#

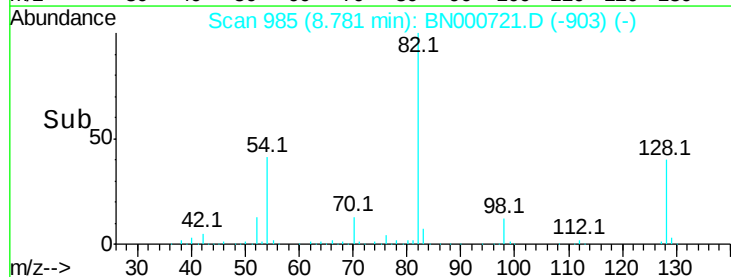
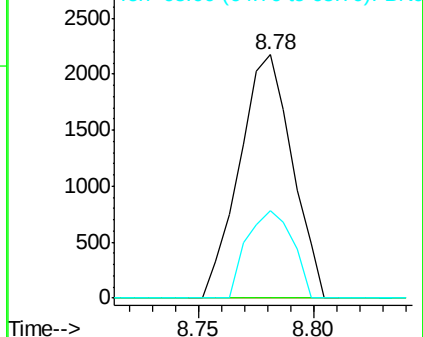
65 35.8 13.0 19.6#

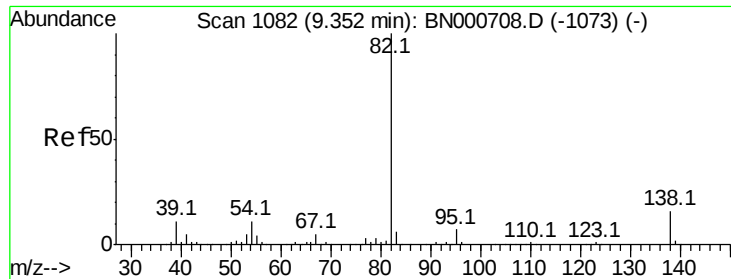


Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 123.00 (122.70 to 123.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#25

Isophorone

Concen: 0.006 ng

RT: 8.96 min Scan# 1015

Delta R.T. -0.39 min

Lab File: BN000721.D

Acq: 09 Apr 2018 22:01

Instrument :

BNA_N

ClientSampleId :

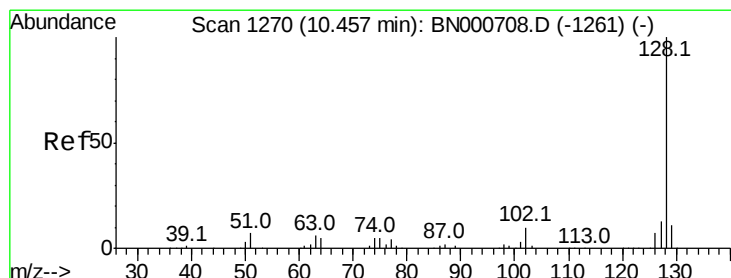
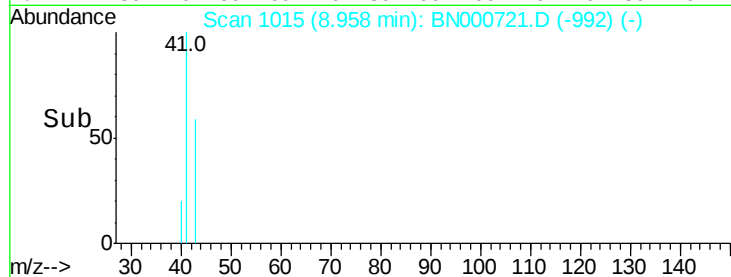
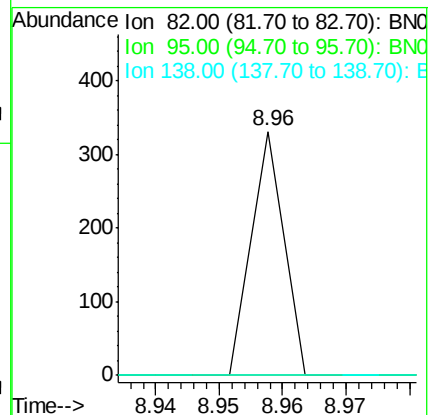
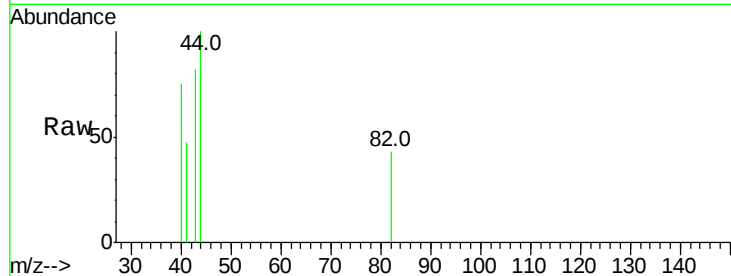
Tot Ion: 82 Resp: 117

Ion Ratio Lower Upper

82 100

95 0.0 6.2 9.2#

138 0.0 12.1 18.1#



#31

Naphthalene

Concen: 0.011 ng

RT: 10.45 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BN000721.D

Acq: 09 Apr 2018 22:01

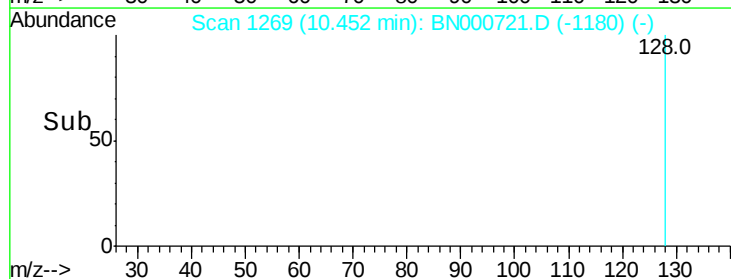
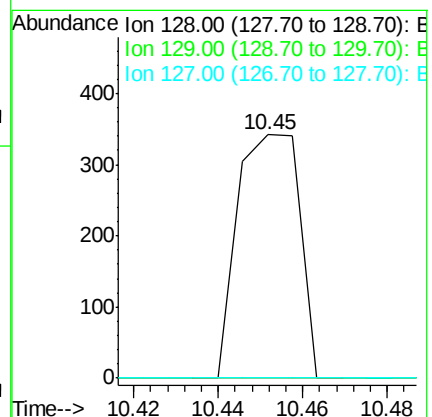
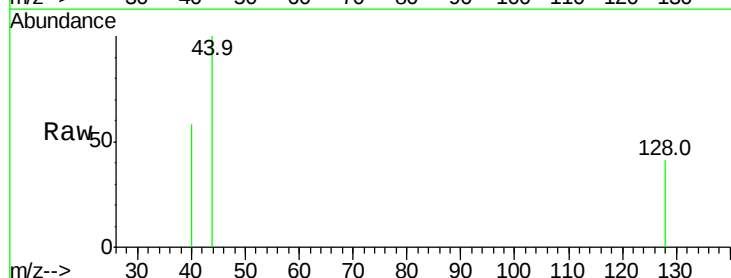
Tgt Ion:128 Resp: 348

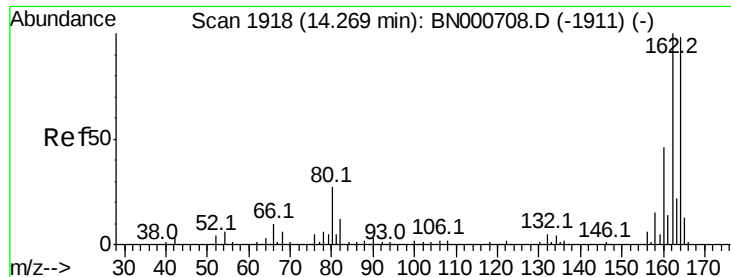
Ion Ratio Lower Upper

128 100

129 0.0 8.6 12.8#

127 0.0 11.6 17.4#

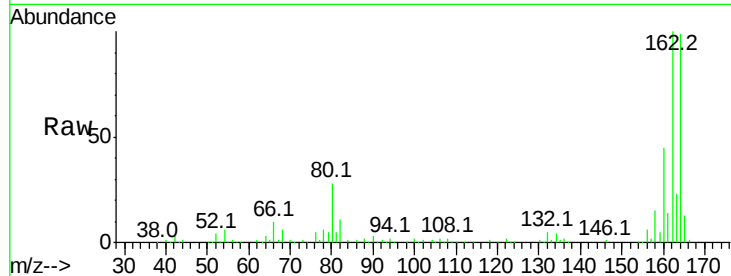




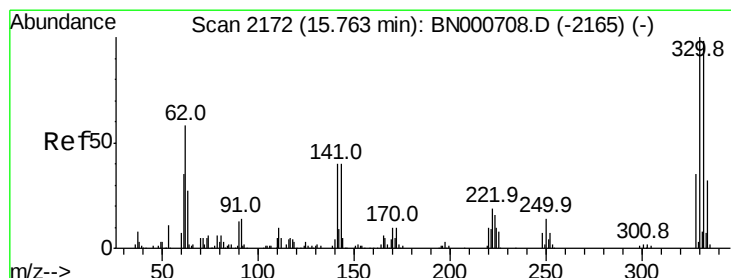
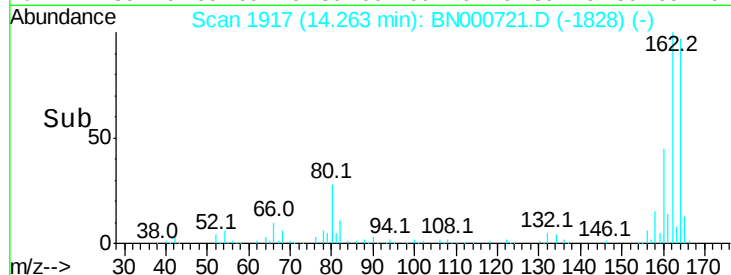
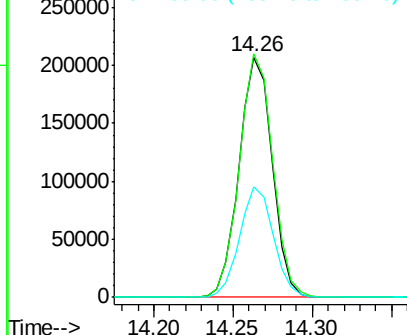
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.26 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BN000721.D
Acq: 09 Apr 2018 22:01

Instrument :
BNA_N
ClientSampleId :

Tot Ion:164 Resp: 300653
Ion Ratio Lower Upper
164 100
162 101.4 78.8 118.2
160 45.7 35.4 53.0

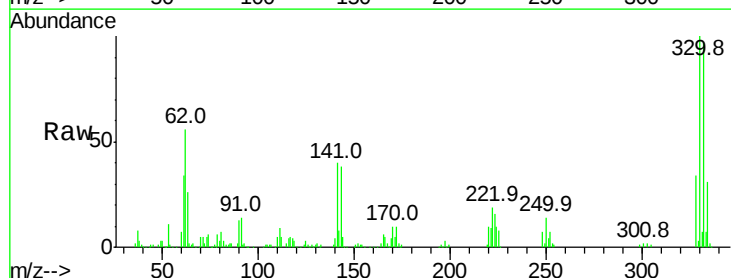


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

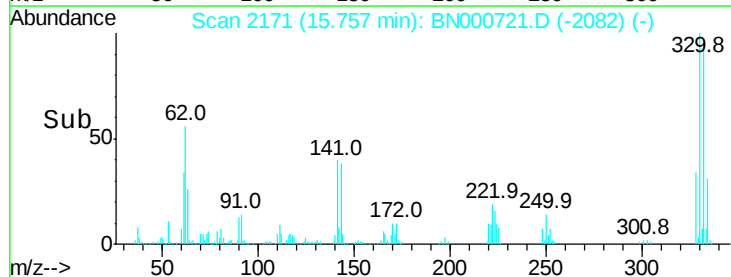
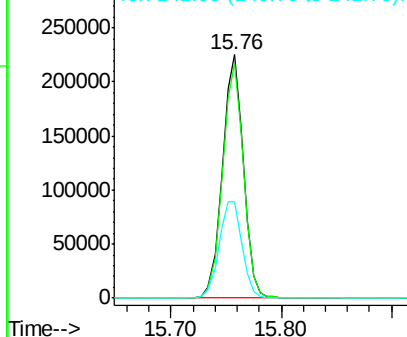


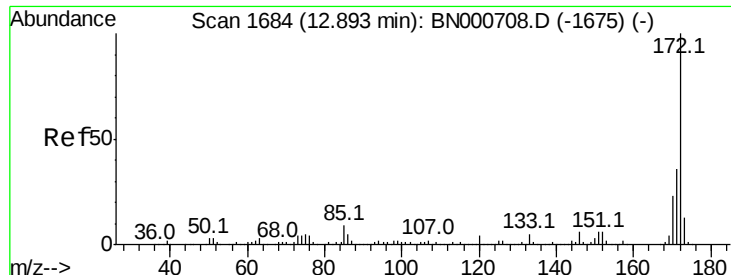
#41
2,4,6-Tribromophenol
Concen: 100.924 ng
RT: 15.76 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BN000721.D
Acq: 09 Apr 2018 22:01

Tgt Ion:330 Resp: 298329
Ion Ratio Lower Upper
330 100
332 96.6 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



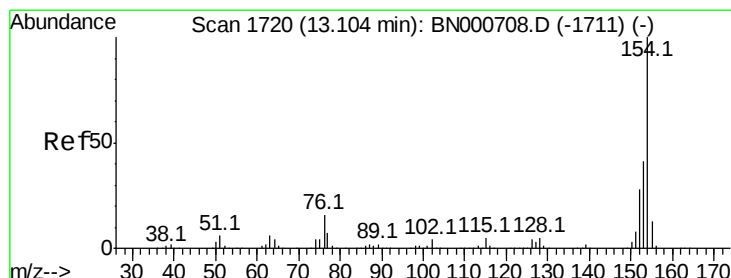
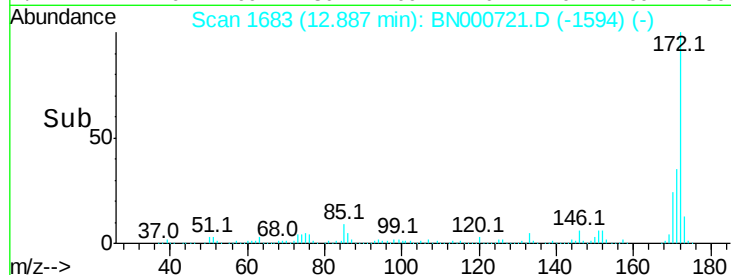
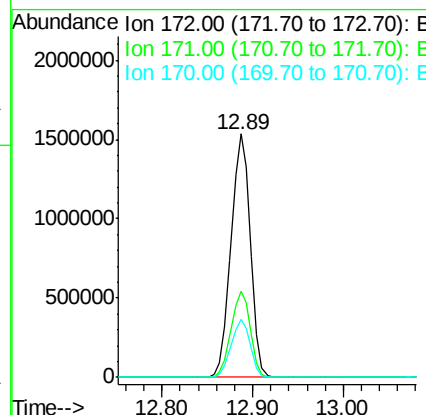
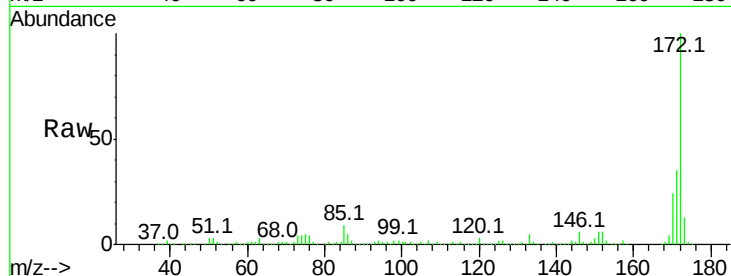


#44
 2-Fluorobiphenyl
 Concen: 103.843 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BN000721.D
 Acq: 09 Apr 2018 22:01

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:172 Resp: 2265250

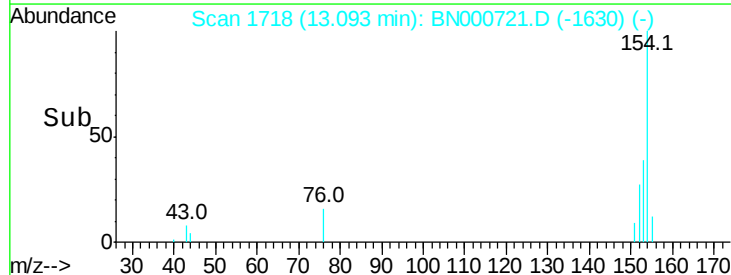
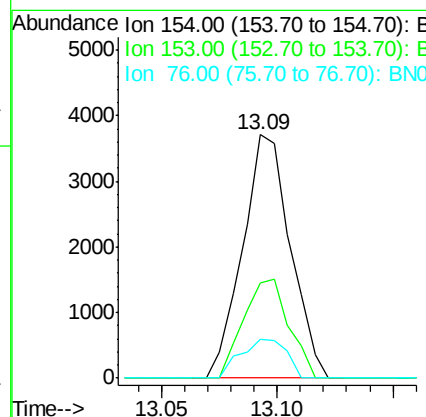
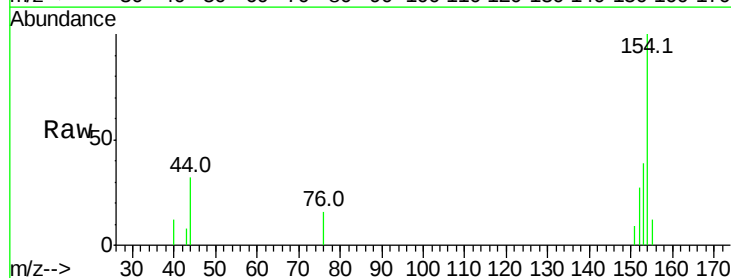
Ion	Ratio	Lower	Upper
172	100		
171	35.3	30.0	45.0
170	23.7	19.5	29.3

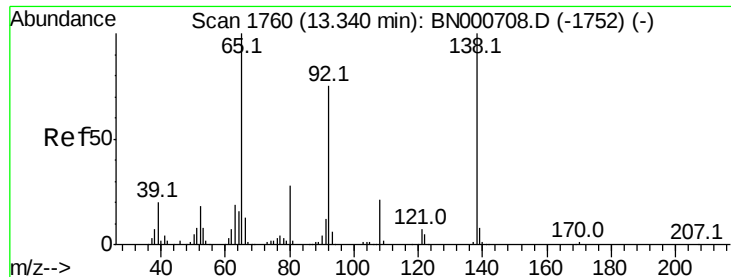


#45
 1,1'-Biphenyl
 Concen: 0.198 ng
 RT: 13.09 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BN000721.D
 Acq: 09 Apr 2018 22:01

Tgt Ion:154 Resp: 5348

Ion	Ratio	Lower	Upper
154	100		
153	39.1	19.8	59.8
76	16.2	0.0	31.9





#47

2-Nitroaniline

Concen: 0.124 ng

RT: 13.73 min Scan# 1826

Delta R.T. 0.39 min

Lab File: BN000721.D

Acq: 09 Apr 2018 22:01

Instrument :

BNA_N

ClientSampleId :

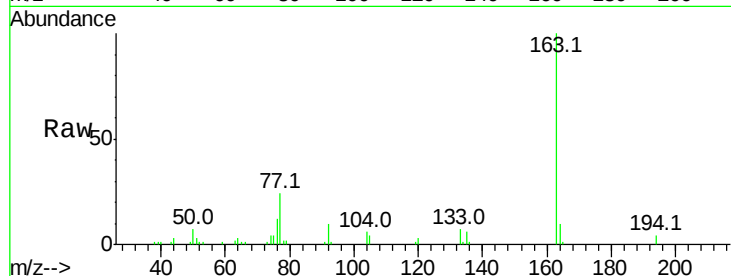
Tot Ion: 65 Resp: 711

Ion Ratio Lower Upper

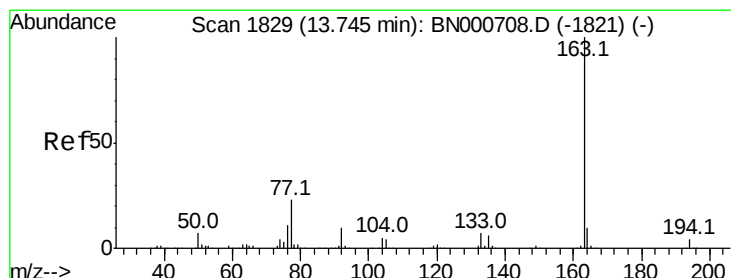
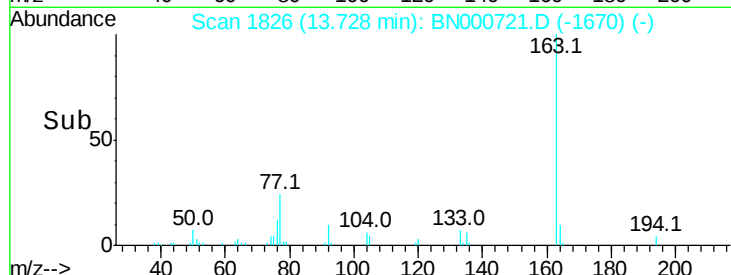
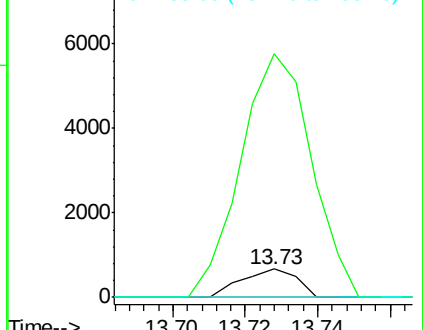
65 100

92 860.6 54.6 82.0#

138 0.0 72.9 109.3#



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



#49

Dimethylphthalate

Concen: 3.234 ng

RT: 13.73 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BN000721.D

Acq: 09 Apr 2018 22:01

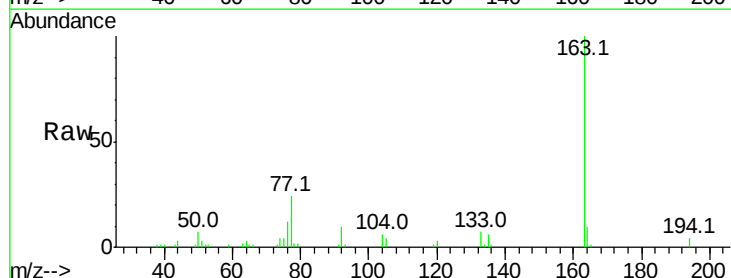
Tgt Ion: 163 Resp: 77410

Ion Ratio Lower Upper

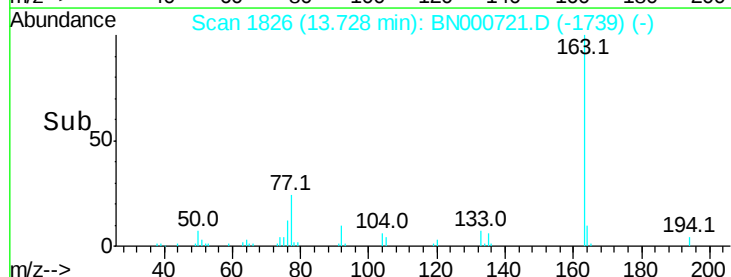
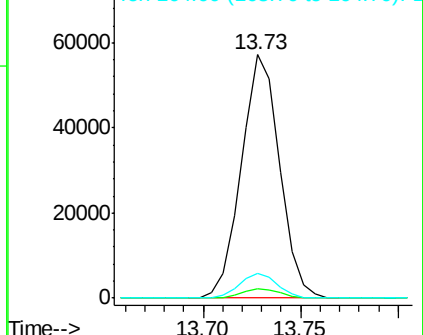
163 100

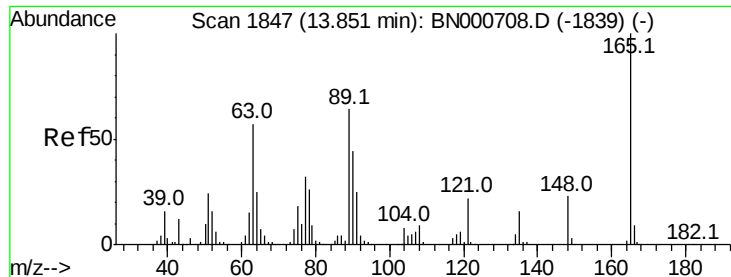
194 4.0 3.4 5.2

164 10.4 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

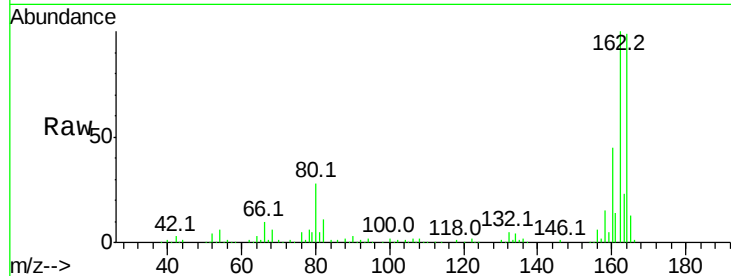




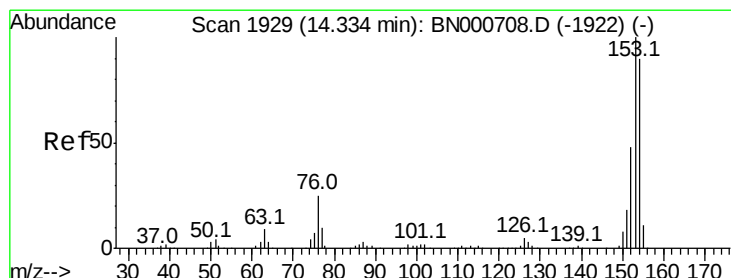
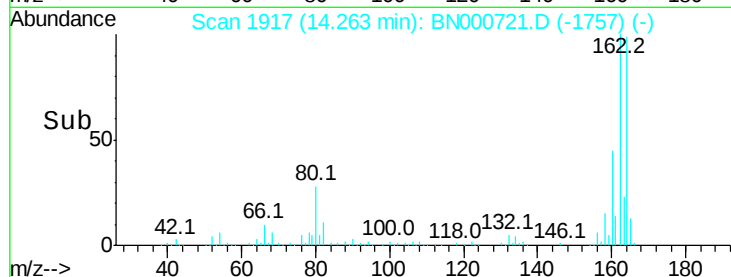
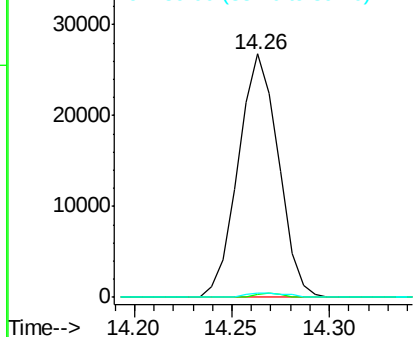
#50
2,6-Dinitrotoluene
Concen: 7.724 ng
RT: 14.26 min Scan# 1917
Delta R.T. 0.41 min
Lab File: BN000721.D
Acq: 09 Apr 2018 22:01

Instrument :
BNA_N
ClientSampleId :

Tot Ion:165 Resp: 38280
Ion Ratio Lower Upper
165 100
63 1.4 52.7 79.1#
89 1.7 49.2 73.8#

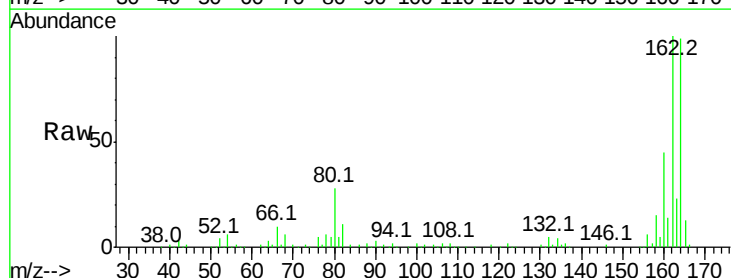


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BNC
Ion 89.00 (88.70 to 89.70): BNC

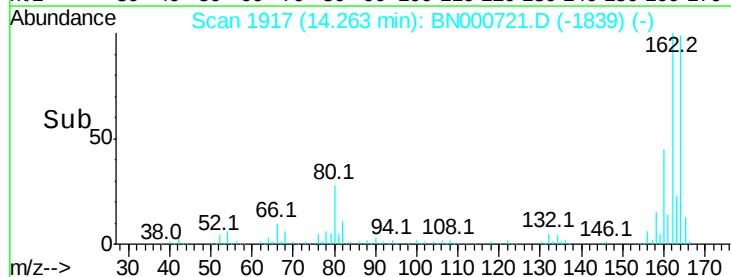
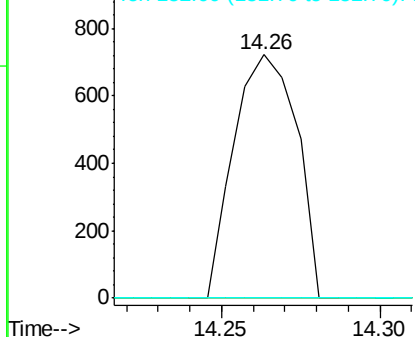


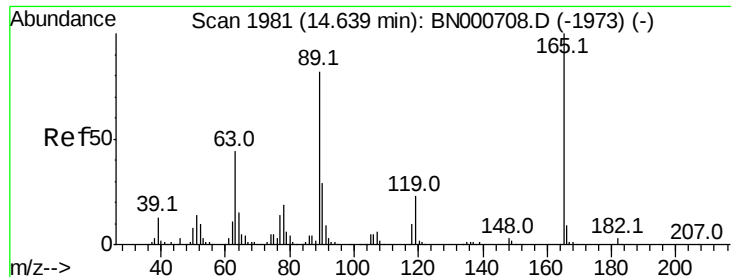
#51
Acenaphthene
Concen: 0.050 ng
RT: 14.26 min Scan# 1917
Delta R.T. -0.07 min
Lab File: BN000721.D
Acq: 09 Apr 2018 22:01

Tgt Ion:154 Resp: 992
Ion Ratio Lower Upper
154 100
153 0.0 90.4 135.6#
152 0.0 41.6 62.4#



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

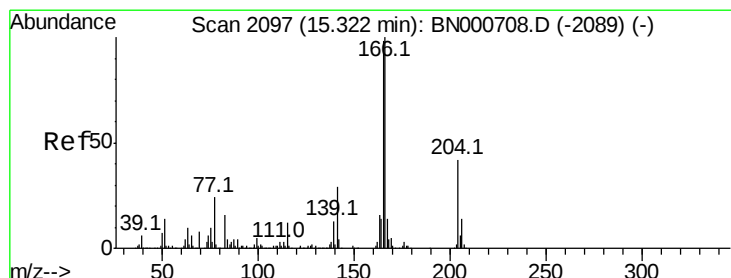
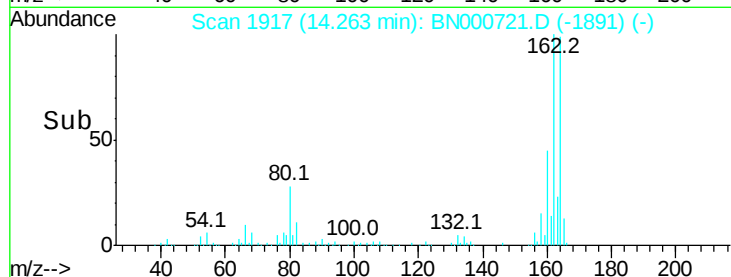
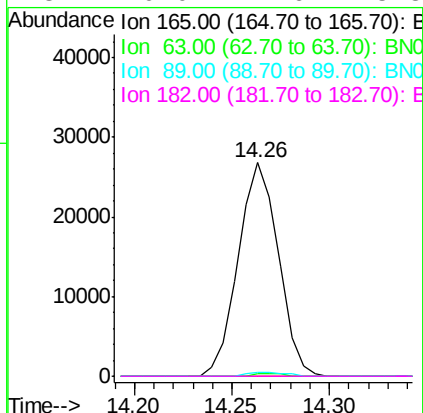
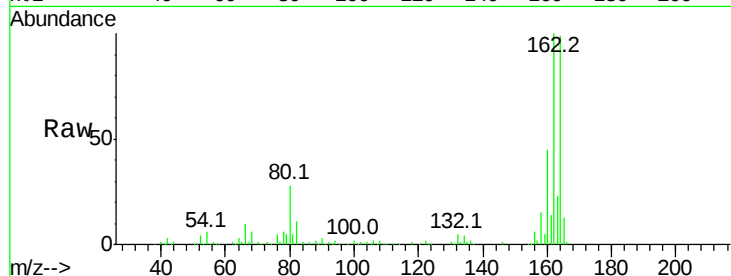




#56
 2,4-Dinitrotoluene
 Concen: 5.949 ng
 RT: 14.26 min Scan# 1917
 Delta R.T. -0.38 min
 Lab File: BN000721.D
 Acq: 09 Apr 2018 22:01

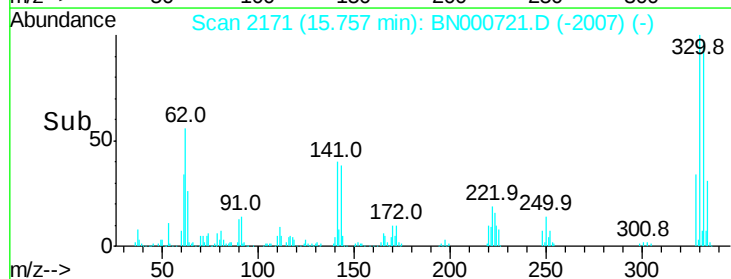
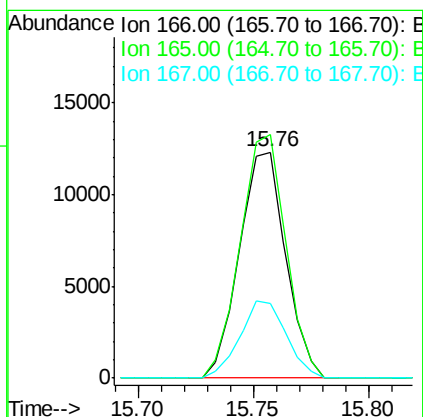
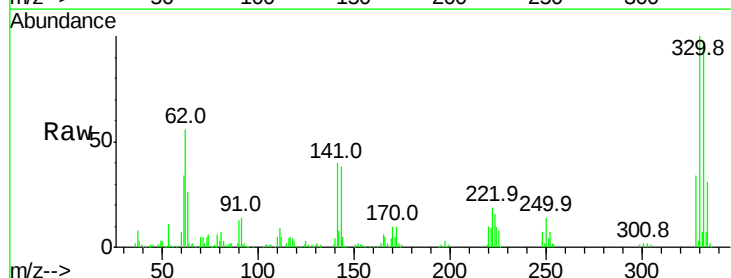
Instrument :
 BNA_N
 ClientSampleId :

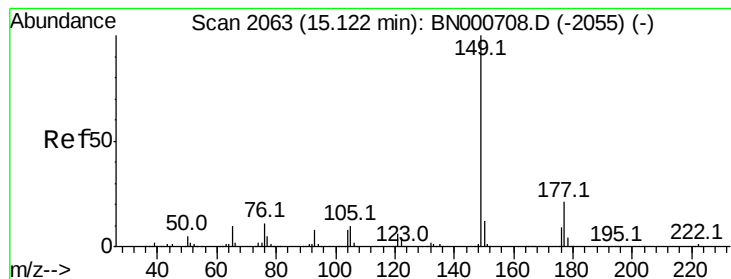
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	42.0	63.0#
89	1.7	66.9	100.3#
182	0.0	2.6	3.8#



#57
 Fluorene
 Concen: 0.768 ng
 RT: 15.76 min Scan# 2171
 Delta R.T. 0.44 min
 Lab File: BN000721.D
 Acq: 09 Apr 2018 22:01

Tgt Ion	Ratio	Lower	Upper
166	100		
165	107.8	80.6	121.0
167	33.3	10.4	15.6#





#59

Diethylphthalate

Concen: 0.145 ng

RT: 15.10 min Scan# 2060

Delta R.T. -0.02 min

Lab File: BN000721.D

Acq: 09 Apr 2018 22:01

Instrument :

BNA_N

ClientSampleId :

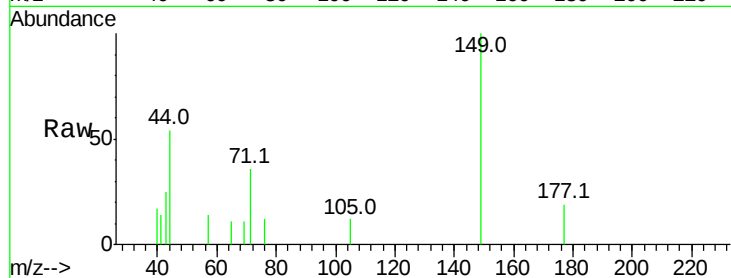
Tot Ion:149 Resp: 3407

Ion Ratio Lower Upper

149 100

177 19.1 18.5 27.7

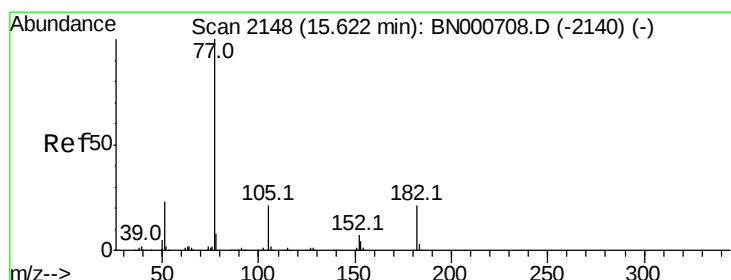
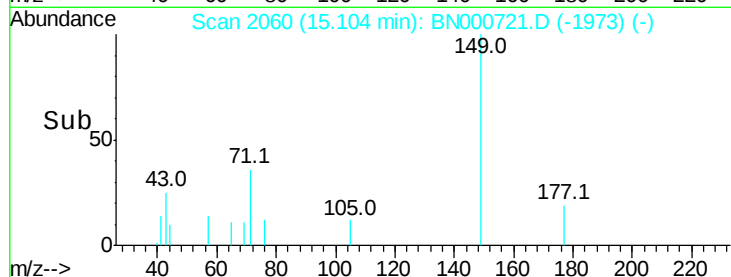
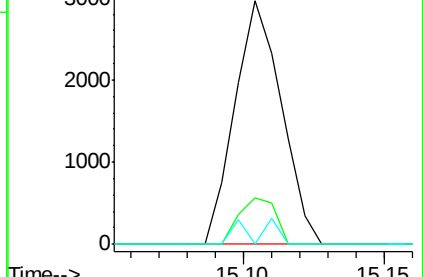
150 0.0 10.2 15.2#



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: 0.086 ng

RT: 15.75 min Scan# 2170

Delta R.T. 0.13 min

Lab File: BN000721.D

Acq: 09 Apr 2018 22:01

Tgt Ion: 77 Resp: 2235

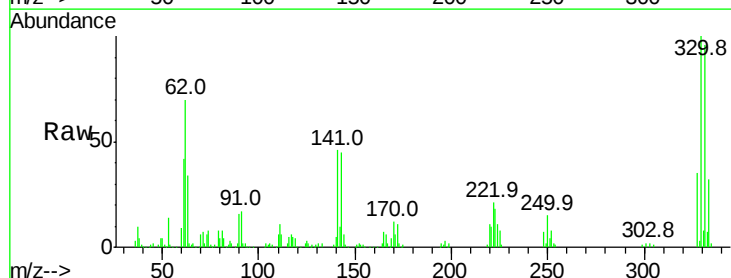
Ion Ratio Lower Upper

77 100

182 0.0 7.4 47.4#

105 90.3 0.3 40.3#

51 62.6 11.6 51.6#

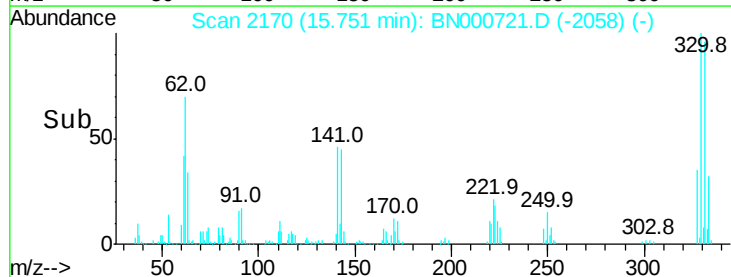
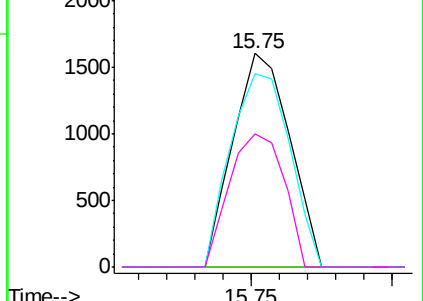


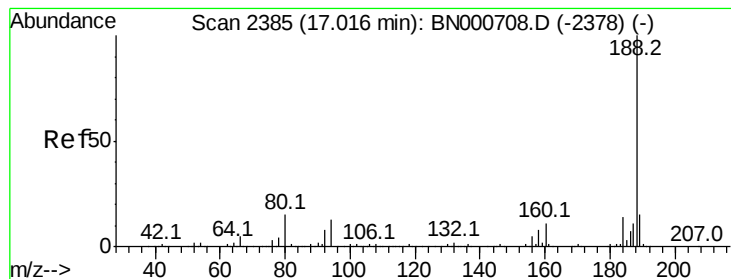
Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BNC





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.01 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BN000721.D

Acq: 09 Apr 2018 22:01

Instrument :

BNA_N

ClientSampled :

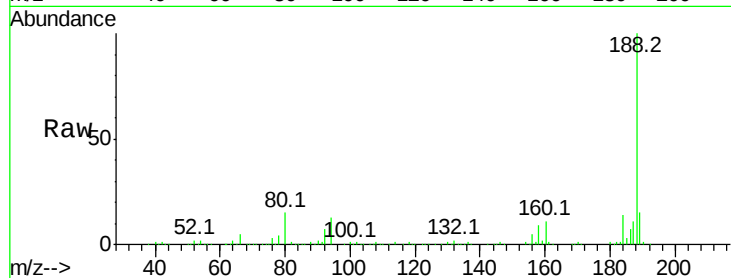
Tot Ion:188 Resp: 58537

Ion Ratio Lower Upper

188 100

94 13.0 6.9 10.3#

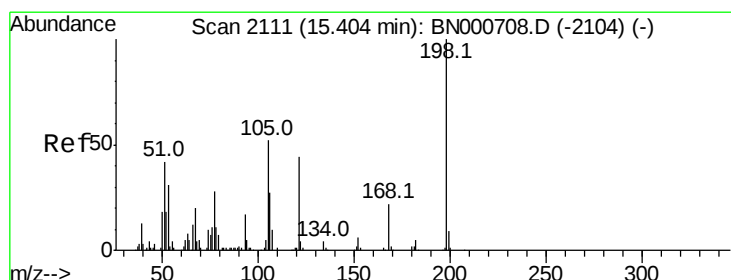
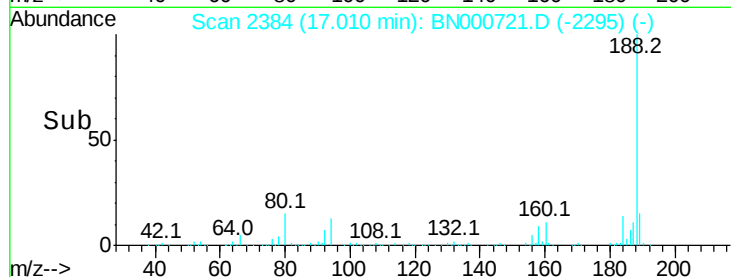
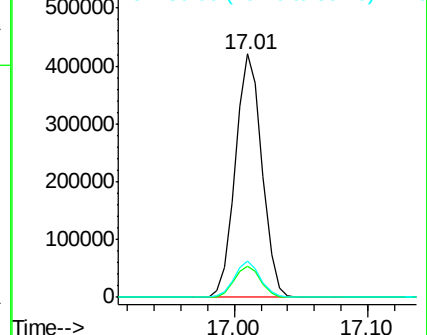
80 15.1 7.7 11.5#



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: 0.223 ng

RT: 15.76 min Scan# 2171

Delta R.T. 0.35 min

Lab File: BN000721.D

Acq: 09 Apr 2018 22:01

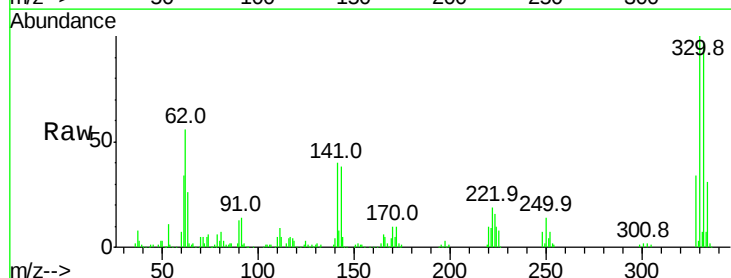
Tgt Ion:198 Resp: 779

Ion Ratio Lower Upper

198 100

51 145.1 30.6 70.6#

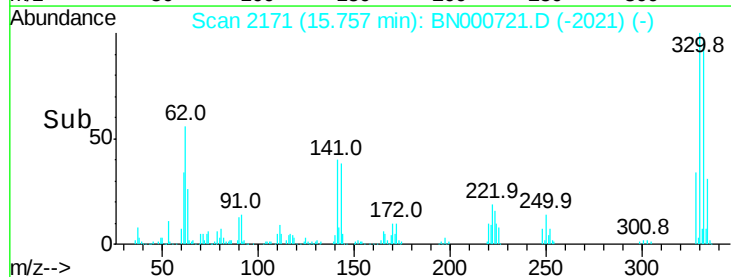
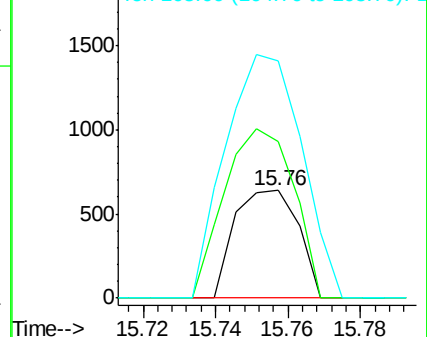
105 220.4 23.8 63.8#

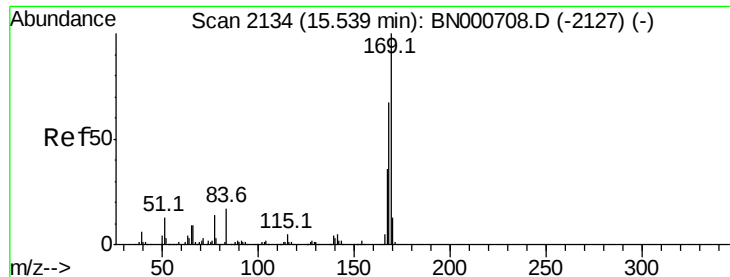


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

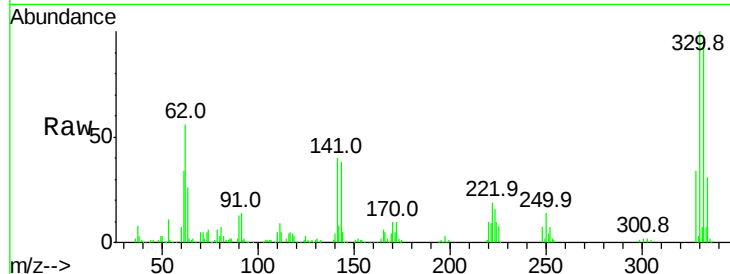




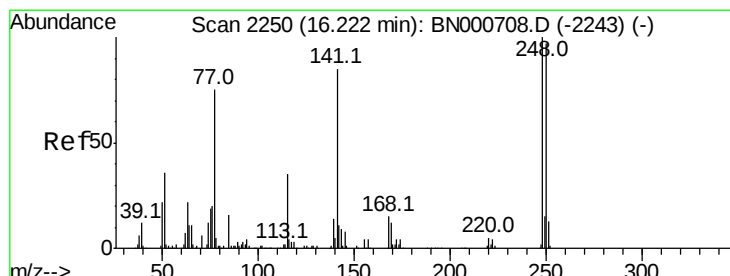
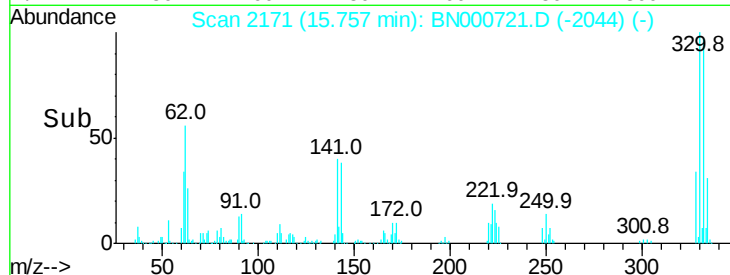
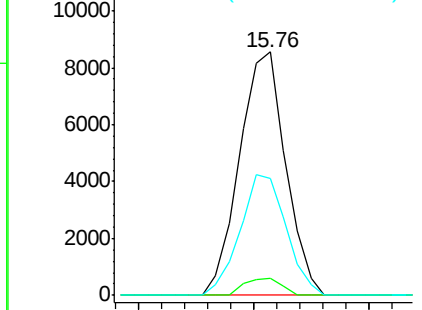
#65
 n-Nitrosodiphenylamine
 Concen: 0.610 ng
 RT: 15.76 min Scan# 2171
 Delta R.T. 0.22 min
 Lab File: BN000721.D
 Acq: 09 Apr 2018 22:01

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:169 Resp: 11914
 Ion Ratio Lower Upper
 169 100
 168 7.1 55.7 83.5#
 167 47.9 30.1 45.1#

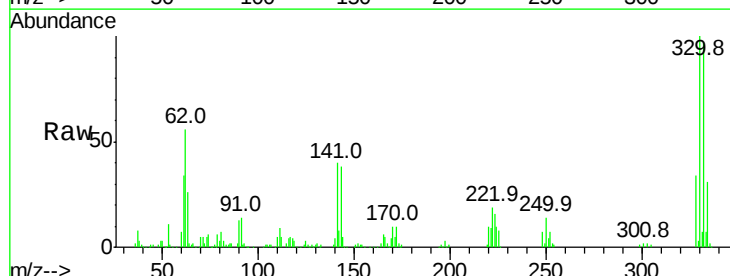


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

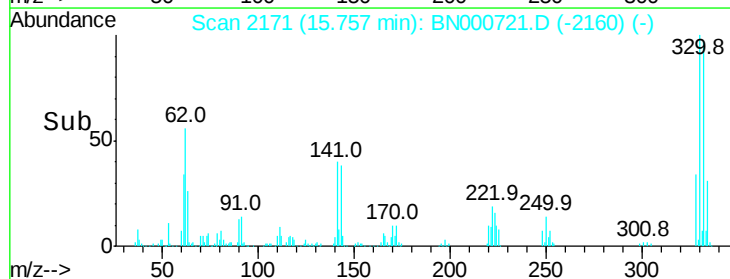
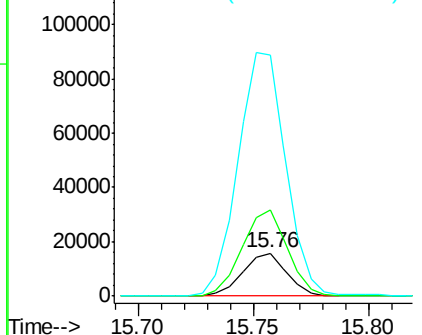


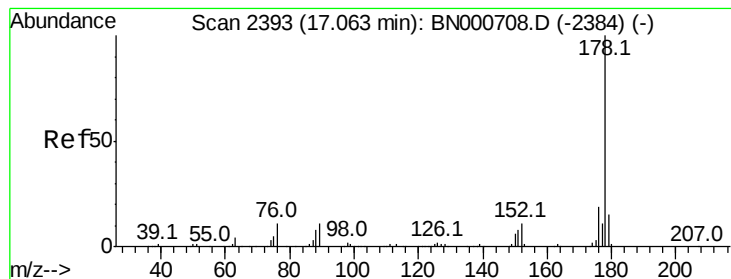
#66
 4-Bromophenyl-phenylether
 Concen: 3.565 ng
 RT: 15.76 min Scan# 2171
 Delta R.T. -0.46 min
 Lab File: BN000721.D
 Acq: 09 Apr 2018 22:01

Tgt Ion:248 Resp: 20875
 Ion Ratio Lower Upper
 248 100
 250 200.6 77.1 115.7#
 141 563.4 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: 0.014 ng

RT: 17.05 min Scan# 2390

Delta R.T. -0.02 min

Lab File: BN000721.D

Acq: 09 Apr 2018 22:01

Instrument :

BNA_N

ClientSampleId :

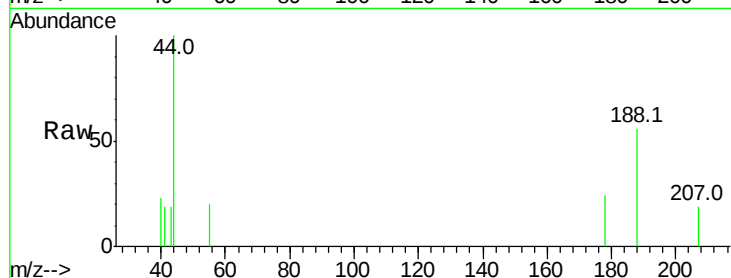
Tot Ion:178 Resp: 480

Ion Ratio Lower Upper

178 100

176 0.0 15.7 23.5#

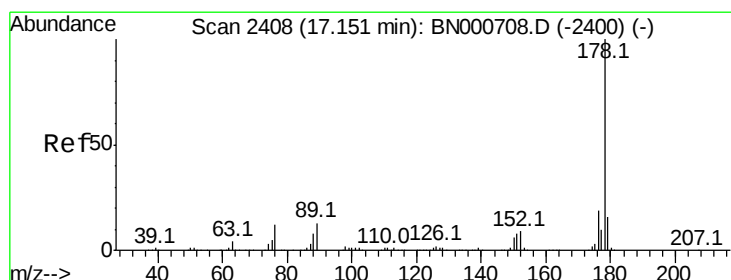
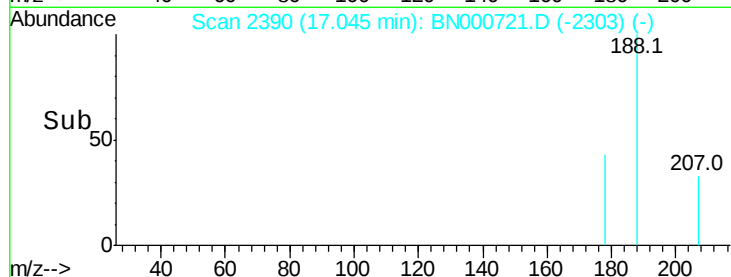
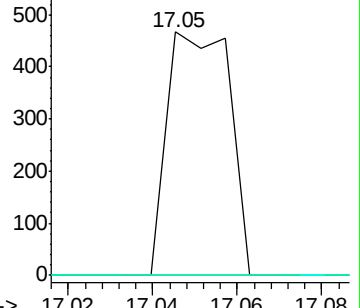
179 0.0 12.5 18.7#



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: 0.014 ng

RT: 17.05 min Scan# 2390

Delta R.T. -0.11 min

Lab File: BN000721.D

Acq: 09 Apr 2018 22:01

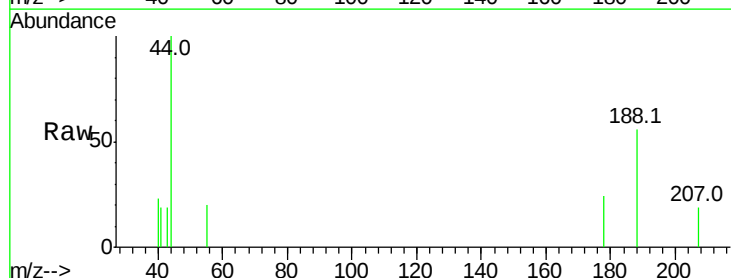
Tgt Ion:178 Resp: 480

Ion Ratio Lower Upper

178 100

176 0.0 16.0 24.0#

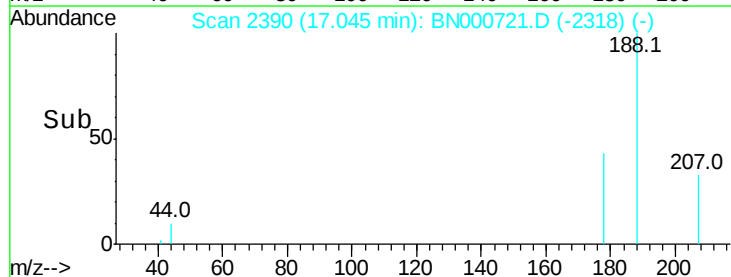
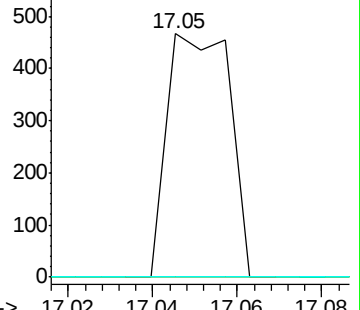
179 0.0 12.5 18.7#

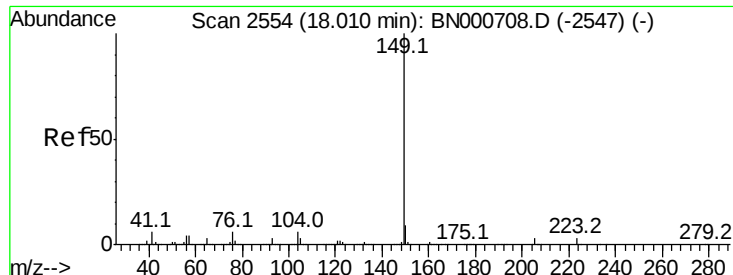


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Di-n-butylphthalate

Concen: 0.032 ng

RT: 18.00 min Scan# 2552

Delta R.T. -0.01 min

Lab File: BN000721.D

Acq: 09 Apr 2018 22:01

Instrument :

BNA_N

ClientSampleId :

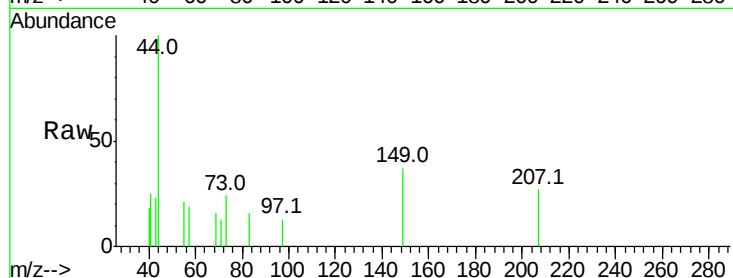
Tot Ion:149 Resp: 1178

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

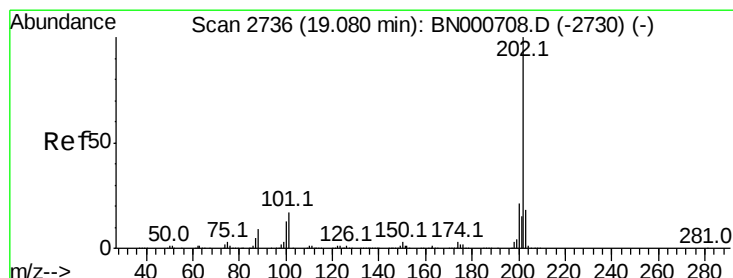
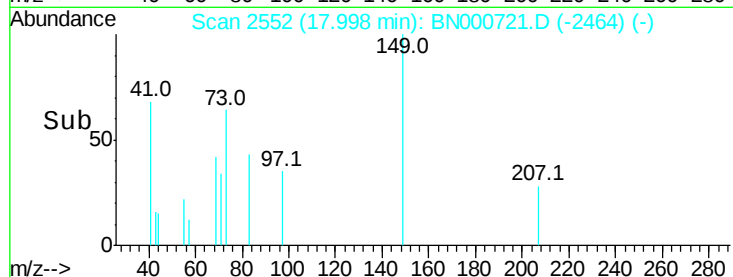
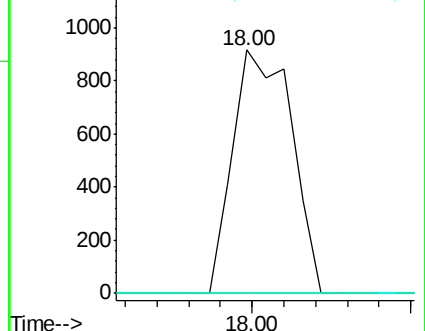
104 0.0 3.9 5.9#



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: 0.008 ng

RT: 19.07 min Scan# 2735

Delta R.T. -0.01 min

Lab File: BN000721.D

Acq: 09 Apr 2018 22:01

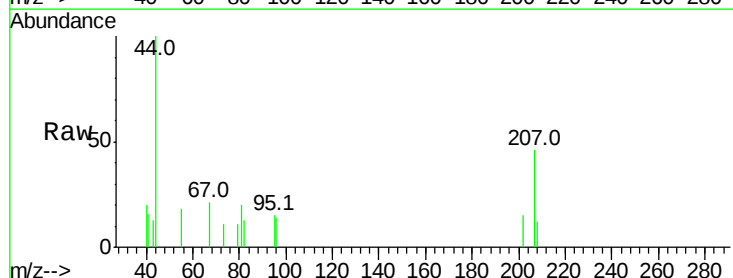
Tgt Ion:202 Resp: 261

Ion Ratio Lower Upper

202 100

101 0.0 0.0 28.9

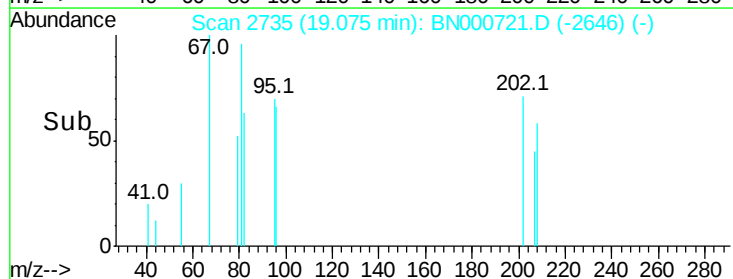
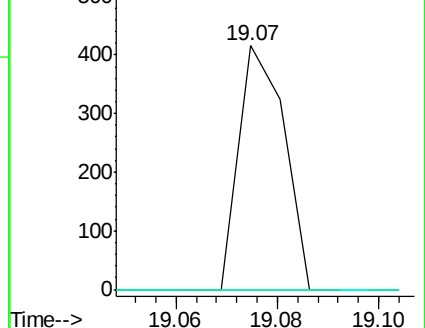
203 0.0 0.0 37.5

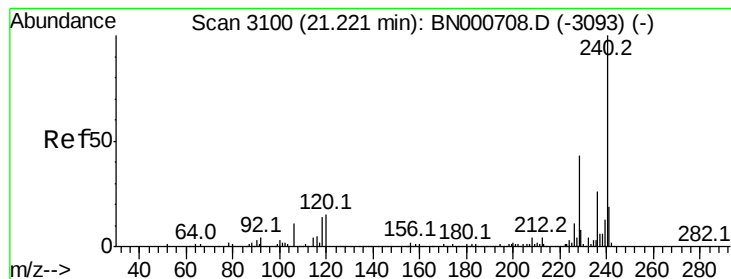


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN000721.D

Acq: 09 Apr 2018 22:01

Instrument :

BNA_N

ClientSampleId :

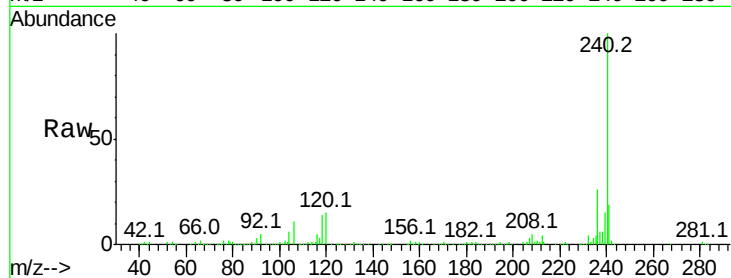
Tot Ion:240 Resp: 484979

Ion Ratio Lower Upper

240 100

120 15.3 6.8 10.2#

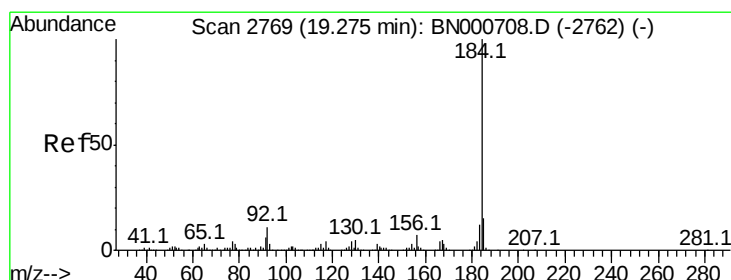
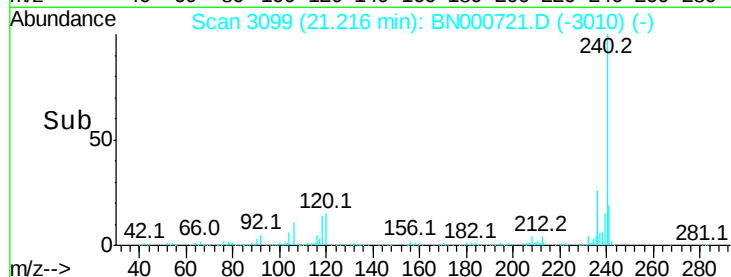
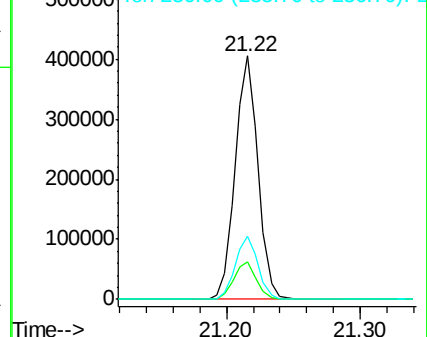
236 26.0 20.9 31.3



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: 2.785 ng

RT: 19.66 min Scan# 2835

Delta R.T. 0.39 min

Lab File: BN000721.D

Acq: 09 Apr 2018 22:01

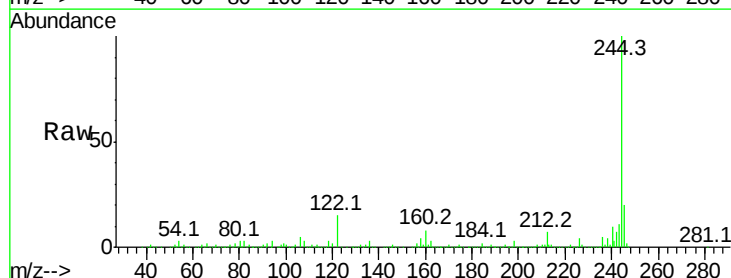
Tgt Ion:184 Resp: 36923

Ion Ratio Lower Upper

184 100

185 16.2 11.1 16.7

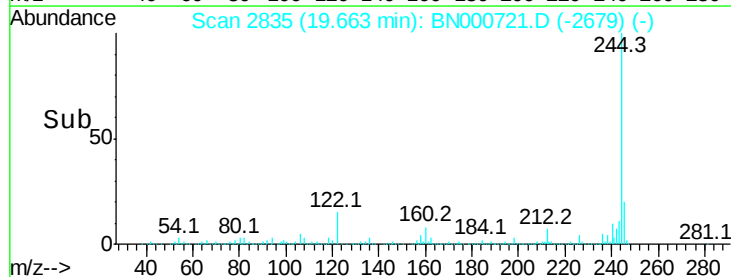
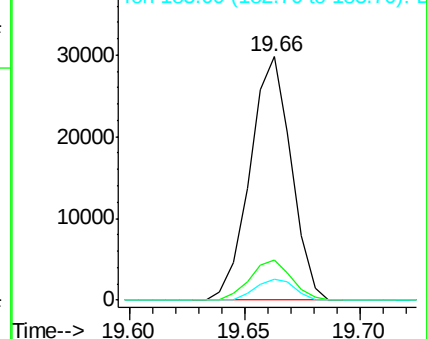
183 8.7 10.6 16.0#

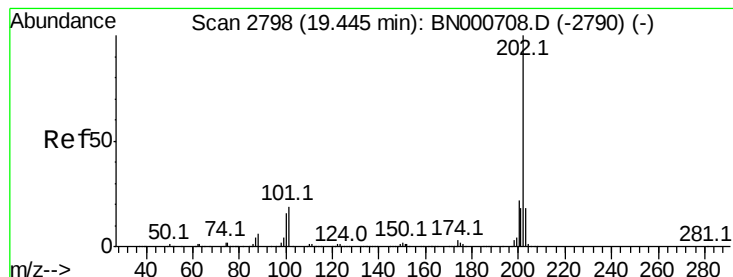


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 0.008 ng

RT: 19.44 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BN000721.D

Acq: 09 Apr 2018 22:01

Instrument :

BNA_N

ClientSampled :

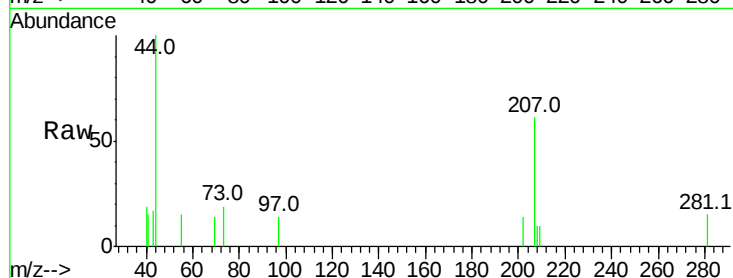
Tot Ion:202 Resp: 293

Ion Ratio Lower Upper

202 100

200 0.0 16.9 25.3#

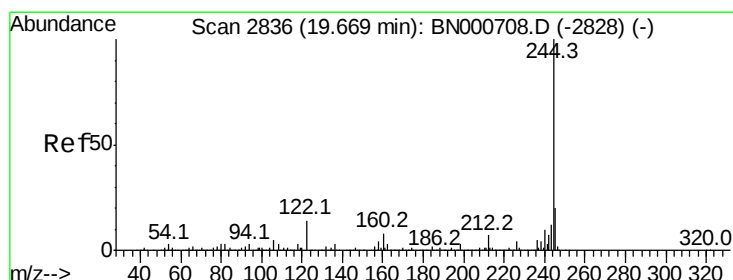
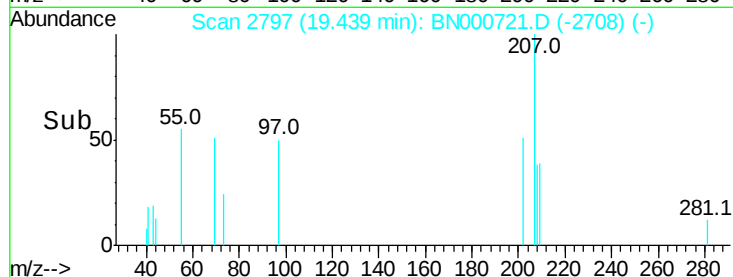
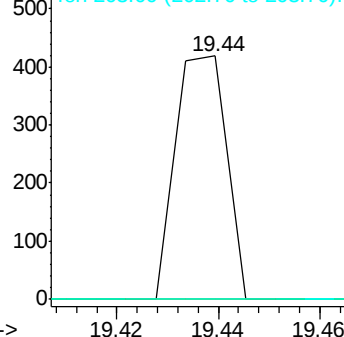
203 0.0 13.9 20.9#



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: 108.642 ng

RT: 19.66 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BN000721.D

Acq: 09 Apr 2018 22:01

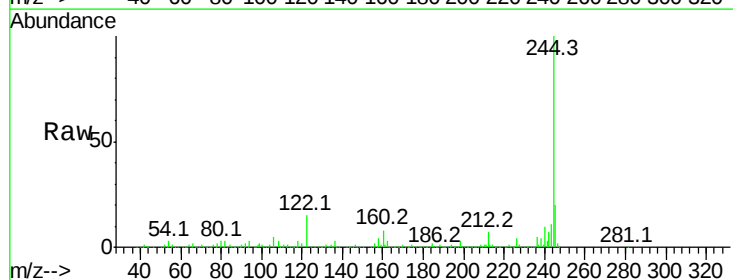
Tgt Ion:244 Resp: 2412223

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

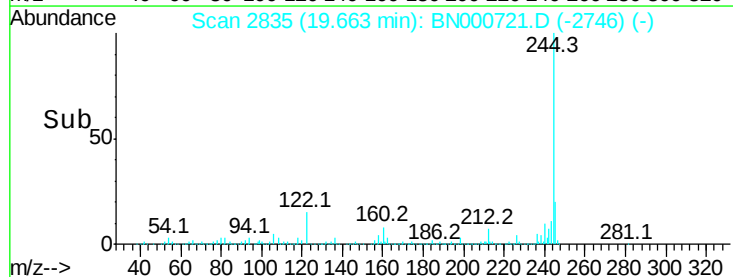
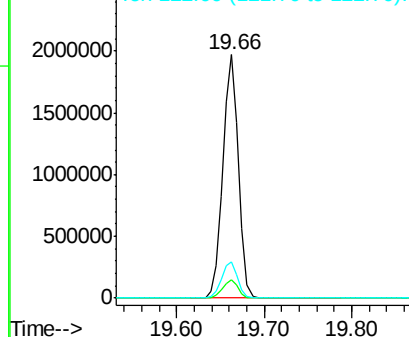
122 14.7 7.0 10.4#

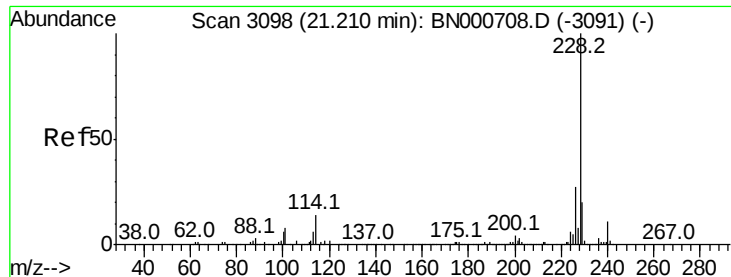


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 0.040 ng

RT: 21.22 min Scan# 3099

Delta R.T. 0.01 min

Lab File: BN000721.D

Acq: 09 Apr 2018 22:01

Instrument :

BNA_N

ClientSampled :

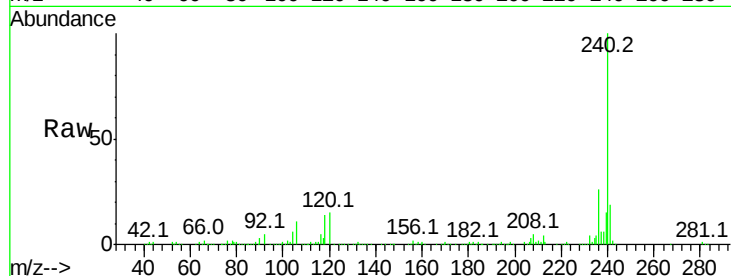
Tot Ion:228 Resp: 1207

Ion Ratio Lower Upper

228 100

226 0.0 22.7 34.1#

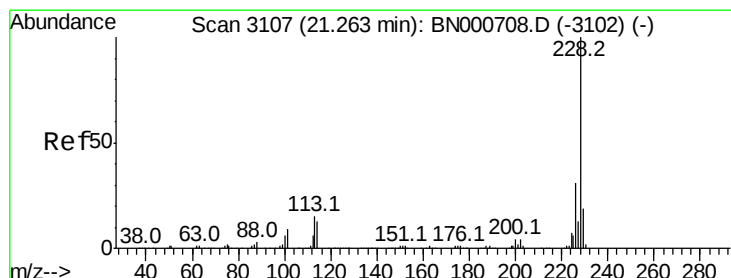
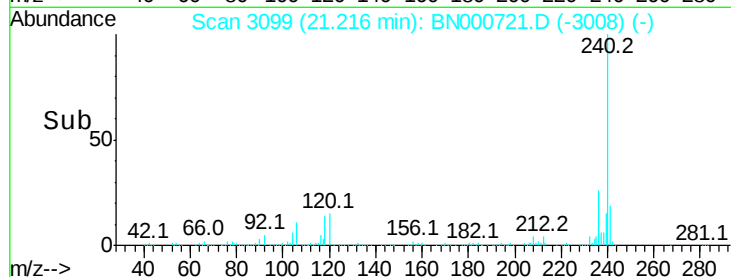
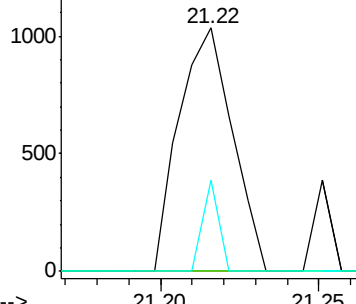
229 37.4 16.2 24.2#



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: 0.005 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BN000721.D

Acq: 09 Apr 2018 22:01

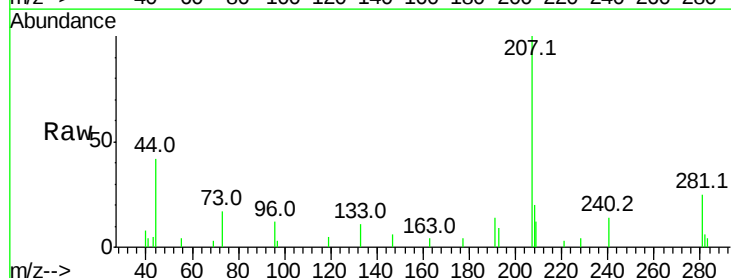
Tgt Ion:228 Resp: 137

Ion Ratio Lower Upper

228 100

226 0.0 24.9 37.3#

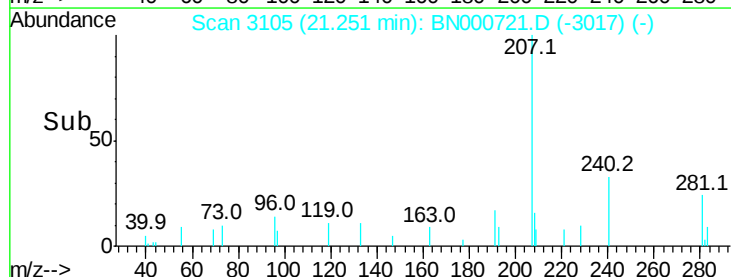
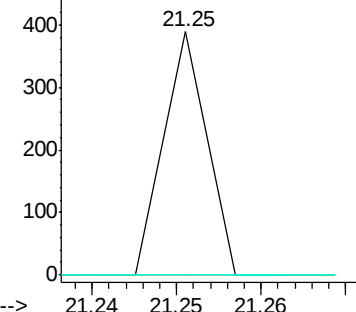
229 0.0 15.0 22.4#

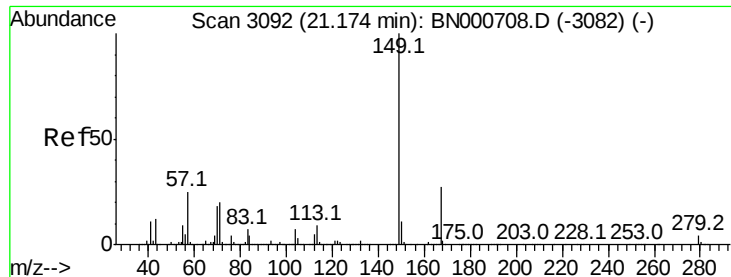


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.094 ng

RT: 21.16 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BN000721.D

Acq: 09 Apr 2018 22:01

Instrument :

BNA_N

ClientSampled :

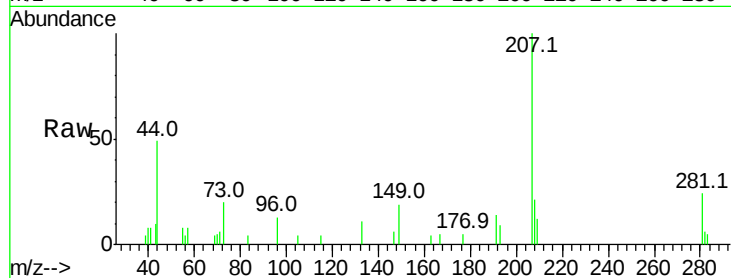
Tot Ion:149 Resp: 2052

Ion Ratio Lower Upper

149 100

167 27.2 24.3 36.5

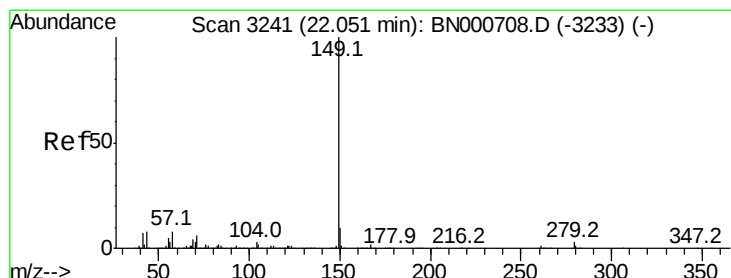
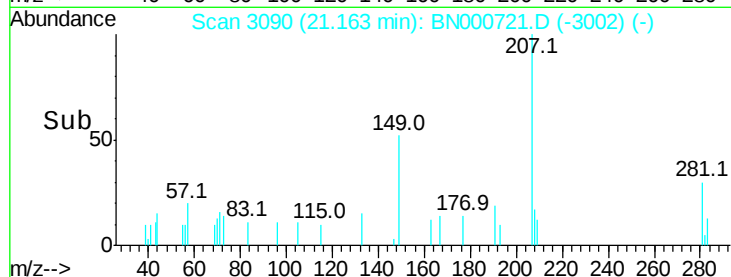
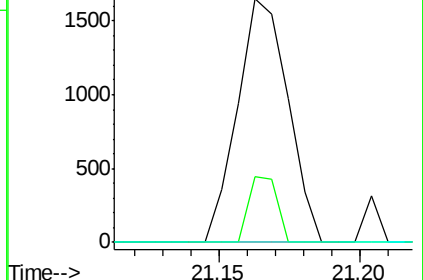
279 0.0 4.0 6.0#



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: 0.011 ng

RT: 22.04 min Scan# 3239

Delta R.T. -0.01 min

Lab File: BN000721.D

Acq: 09 Apr 2018 22:01

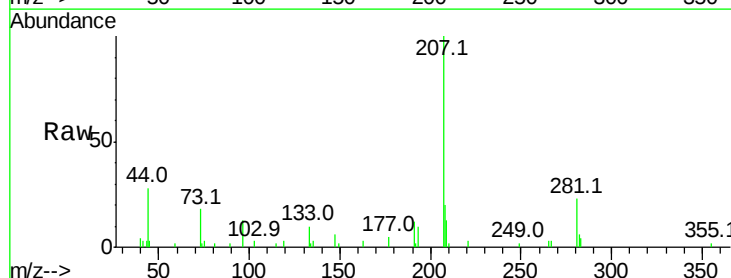
Tgt Ion:149 Resp: 340

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.0#

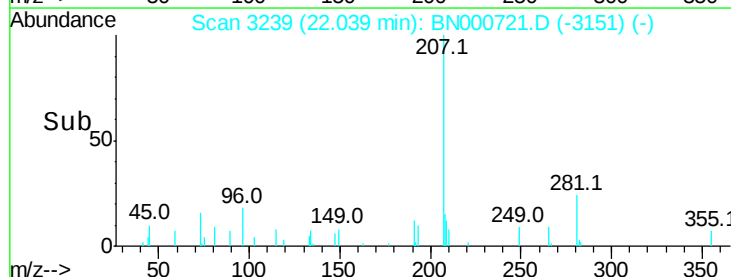
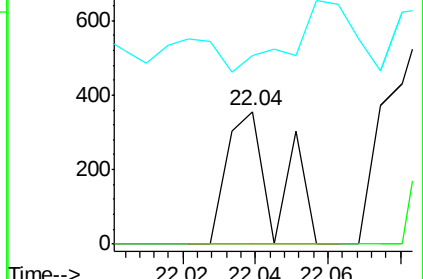
43 57.1 8.9 13.3#

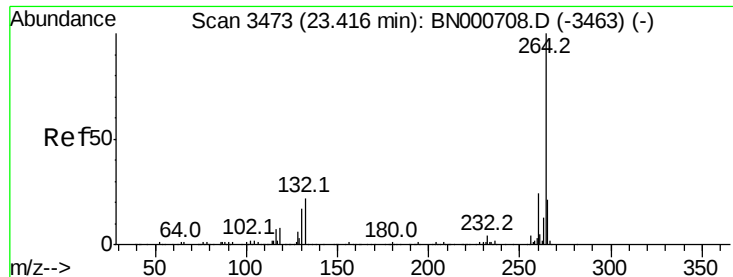


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.40 min Scan# 3471

Delta R.T. -0.01 min

Lab File: BN000721.D

Acq: 09 Apr 2018 22:01

Instrument :

BNA_N

ClientSampleId :

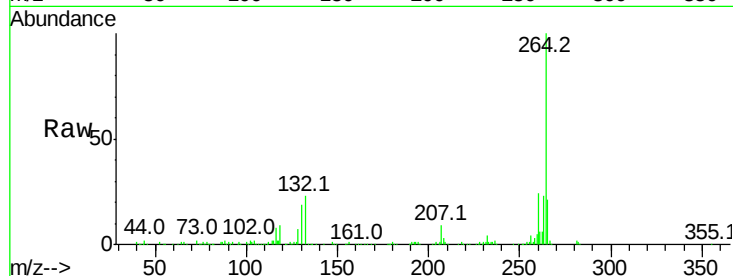
Tot Ion:264 Resp: 395061

Ion Ratio Lower Upper

264 100

260 24.1 17.4 26.0

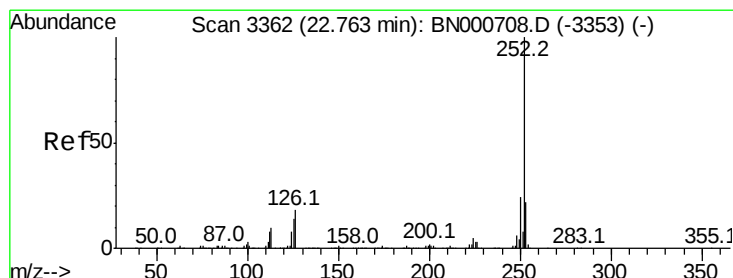
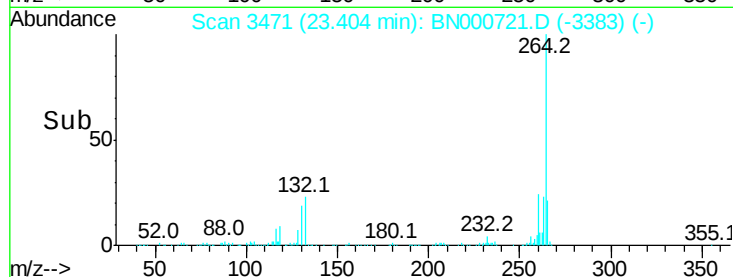
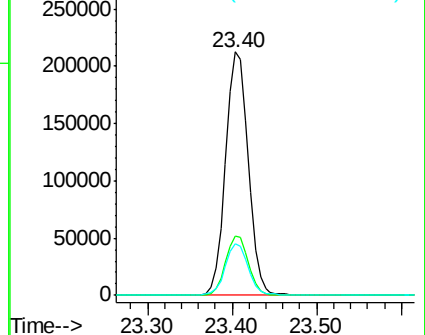
265 21.1 17.7 26.5



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



#87

Benzo(b)fluoranthene

Concen: 0.005 ng

RT: 22.75 min Scan# 3360

Delta R.T. -0.01 min

Lab File: BN000721.D

Acq: 09 Apr 2018 22:01

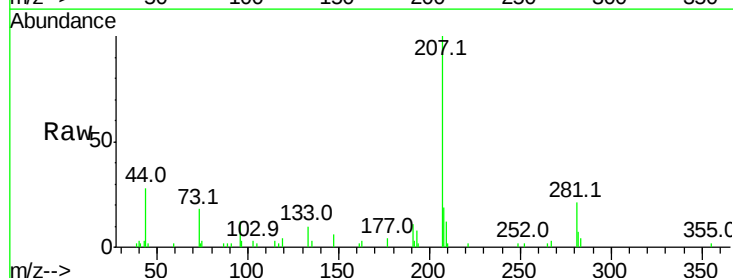
Tgt Ion:252 Resp: 115

Ion Ratio Lower Upper

252 100

253 0.0 18.2 27.4#

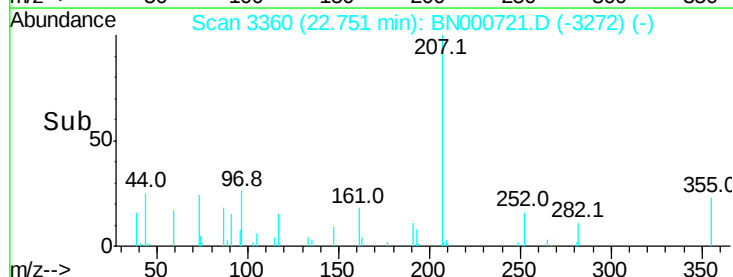
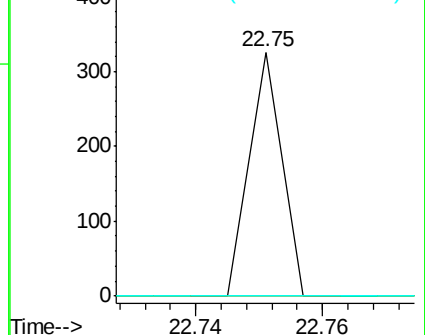
125 0.0 7.2 10.8#

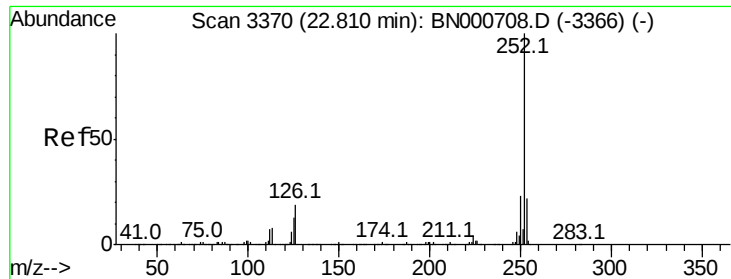


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

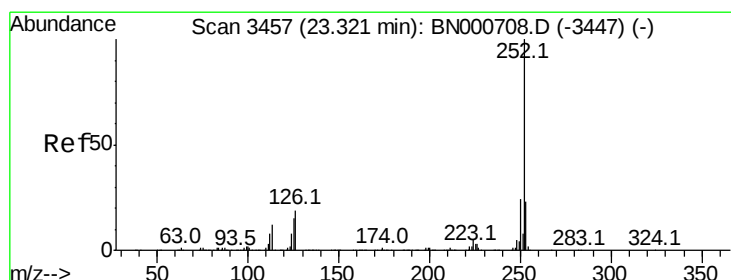
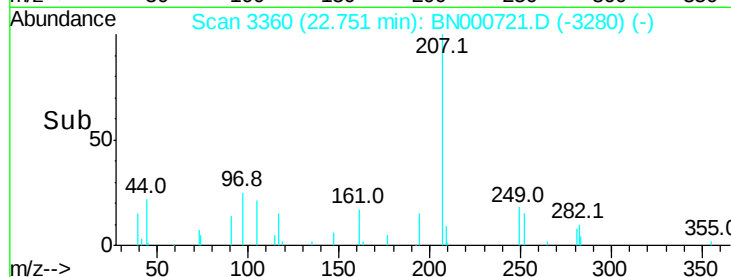
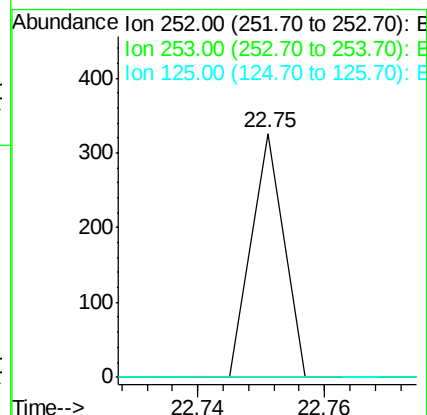
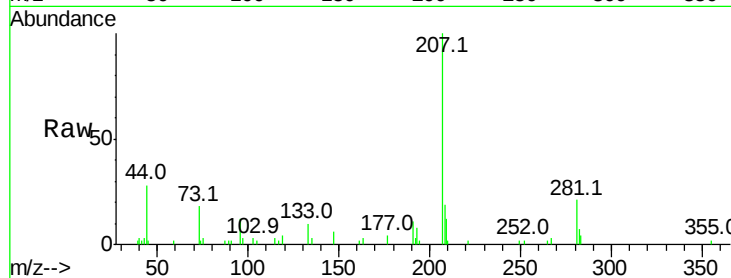




#88
Benzo(k)fluoranthene
Concen: 0.005 ng
RT: 22.75 min Scan# 3360
Delta R.T. -0.06 min
Lab File: BN000721.D
Acq: 09 Apr 2018 22:01

Instrument :
BNA_N
ClientSampleId :

Tot Ion:252 Resp: 115
Ion Ratio Lower Upper
252 100
253 0.0 17.4 26.2#
125 0.0 6.6 9.8#



#89
Benzo(a)pyrene
Concen: 0.061 ng
RT: 23.40 min Scan# 3471
Delta R.T. 0.08 min
Lab File: BN000721.D
Acq: 09 Apr 2018 22:01

Tgt Ion:252 Resp: 1336
Ion Ratio Lower Upper
252 100
253 51.4 18.3 27.5#
125 41.2 7.3 10.9#

