

Data Path : Z:\HPCHEM1\BNA N\DATA\BN040918\
 Data File : BN000726.D
 Acq On : 10 Apr 2018 00:52
 Operator : JU/SJ
 Sample : J2292-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 10 04:37:05 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	150386	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	616389	20.00	ng	0.00
38) Acenaphthene-d10	14.26	164	303169	20.00	ng	0.00
63) Phenanthrene-d10	17.01	188	587767	20.00	ng	0.00
75) Chrysene-d12	21.22	240	504321	20.00	ng	0.00
86) Perylene-d12	23.40	264	504946	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	402247	39.49	ng	0.00
7) Phenol-d6	6.81	99	302521	21.82	ng	0.00
23) Nitrobenzene-d5	8.78	82	1294867	111.17	ng	0.00
41) 2,4,6-Tribromophenol	15.76	330	314481	105.51	ng	0.00
44) 2-Fluorobiphenyl	12.89	172	2448904	111.33	ng	0.00
78) Terphenyl-d14	19.66	244	2569632	111.29	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.25	88	114	0.024	ng	# 1
4) n-Nitrosodimethylamine	3.38	42	786	0.230	ng	# 1
6) Aniline	6.83	93	270	0.015	ng	# 1
9) Benzaldehyde	6.81	77	280	0.040	ng	# 5
10) Phenol	6.83	94	28507	1.934	ng	# 92
11) bis(2-Chloroethyl)ether	7.17	93	1274	0.105	ng	# 1
15) Benzyl Alcohol	7.95	79	22176	2.348	ng	# 32
19) n-Nitroso-di-n-propylamine	8.78	70	163124	18.822	ng	# 66
24) Nitrobenzene	8.78	77	3827	0.303	ng	# 43
25) Isophorone	8.95	82	113	0.005	ng	# 69
31) Naphthalene	10.45	128	724	0.022	ng	# 68
37) 2-Methylnaphthalene	12.07	142	391	0.018	ng	# 17
45) 1,1'-Biphenyl	13.09	154	5868	0.216	ng	# 95
47) 2-Nitroaniline	13.73	65	462	0.080	ng	# 1
49) Dimethylphthalate	13.73	163	51872	2.149	ng	# 97
50) 2,6-Dinitrotoluene	14.26	165	38133	7.631	ng	# 20
51) Acenaphthene	14.32	154	449	0.023	ng	# 69
56) 2,4-Dinitrotoluene	14.26	165	38133	5.877	ng	# 18
57) Fluorene	15.32	166	728	0.032	ng	# 92
59) Diethylphthalate	15.11	149	983	0.041	ng	# 58
62) Azobenzene	15.75	77	2465	0.094	ng	# 22
64) 4,6-Dinitro-2-methylphenol	15.76	198	815	0.233	ng	# 1
65) n-Nitrosodiphenylamine	15.75	169	12089	0.616	ng	# 42
66) 4-Bromophenyl-phenylether	15.75	248	22455	3.821	ng	# 1
70) Phenanthrene	17.05	178	1968	0.058	ng	# 91
71) Anthracene	17.15	178	775	0.023	ng	# 59
73) Di-n-butylphthalate	18.00	149	3870	0.105	ng	# 78
74) Fluoranthene	19.07	202	1699	0.050	ng	# 65
76) Benzidine	19.66	184	39599	2.872	ng	# 92
77) Pyrene	19.43	202	1661	0.046	ng	# 80
80) Benzo(a)anthracene	21.20	228	2375	0.075	ng	# 63
82) Chrysene	21.25	228	1136	0.037	ng	# 49
83) Bis(2-ethylhexyl)phthalate	21.16	149	1115	0.049	ng	# 50
84) Di-n-octyl phthalate	22.04	149	1257	0.039	ng	# 74

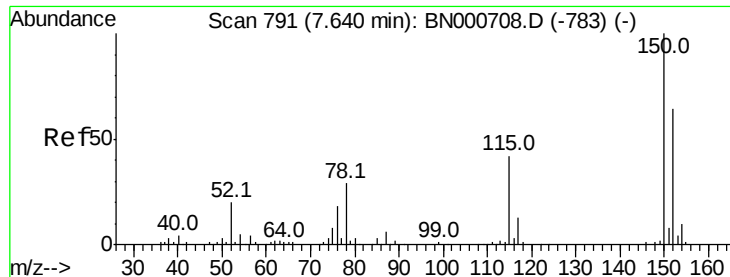
Data Path : Z:\HPCHEM1\BNA N\DATA\BN040918\
Data File : BN000726.D
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QLast Update : Mon Apr 09 13:41:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) Benzo(b)fluoranthene	22.75	252	872	0.028	ng	# 59
88) Benzo(k)fluoranthene	22.79	252	600	0.019	ng	# 60
89) Benzo(a)pyrene	23.30	252	382	0.014	ng	# 59

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

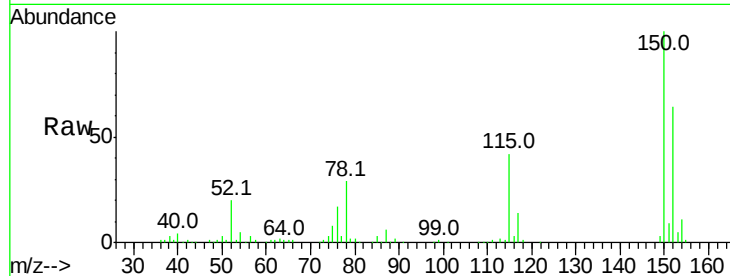


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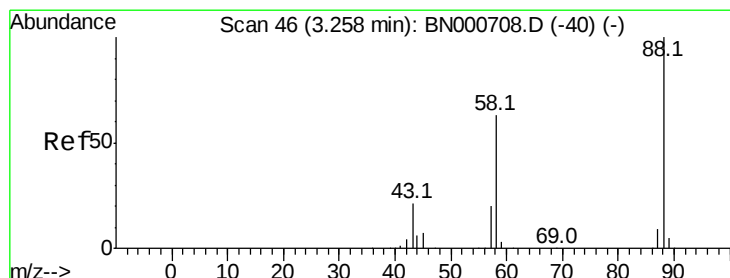
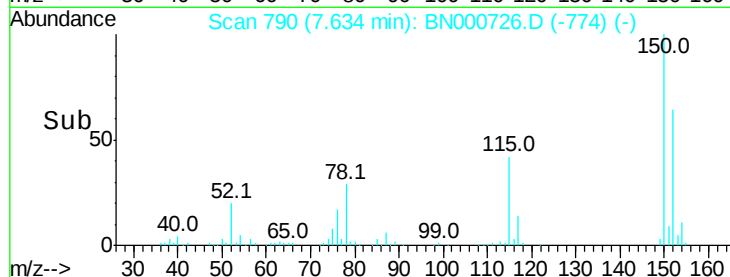
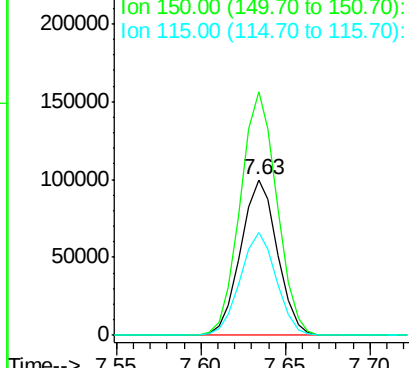
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 790
Delta R.T. -0.01 min
Lab File: BN000726.D
Acq: 10 Apr 2018 00:52

Instrument :
BNA_N
ClientSampled :

Tot Ion:152 Resp: 150386
Ion Ratio Lower Upper
152 100
150 156.7 126.6 189.8
115 66.4 53.0 79.4



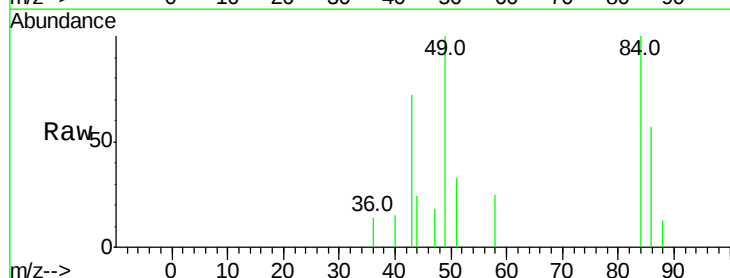
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



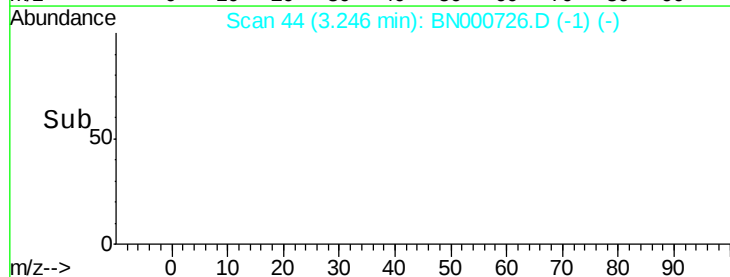
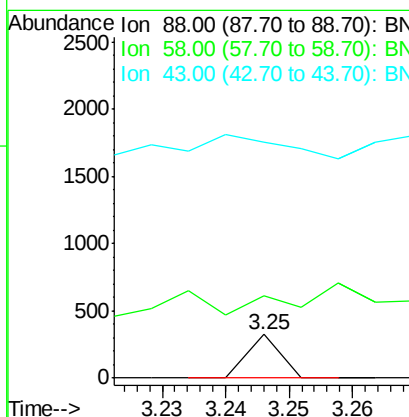
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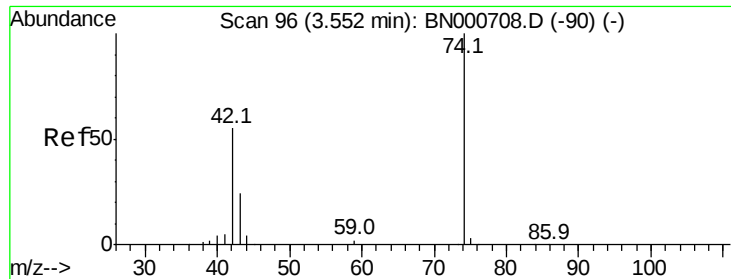
1,4-Dioxane
Concen: 0.024 ng
RT: 3.25 min Scan# 44
Delta R.T. -0.01 min
Lab File: BN000726.D
Acq: 10 Apr 2018 00:52

Tgt Ion: 88 Resp: 114
Ion Ratio Lower Upper
88 100
58 229.8 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



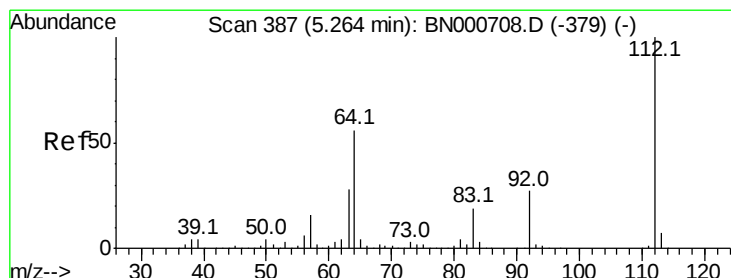
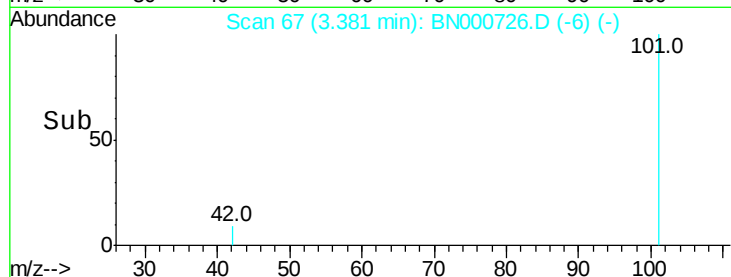
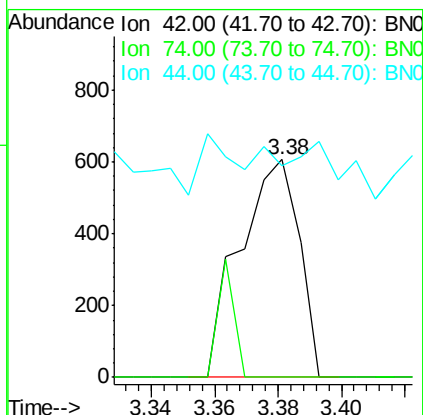
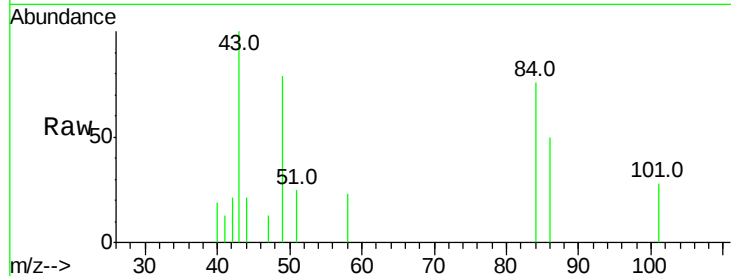


#4

n-Nitrosodimethylamine
 Concen: 0.230 ng
 RT: 3.38 min Scan# 67
 Delta R.T. -0.17 min
 Lab File: BN000726.D
 Acq: 10 Apr 2018 00:52

Instrument :
 BNA_N
 ClientSampled :

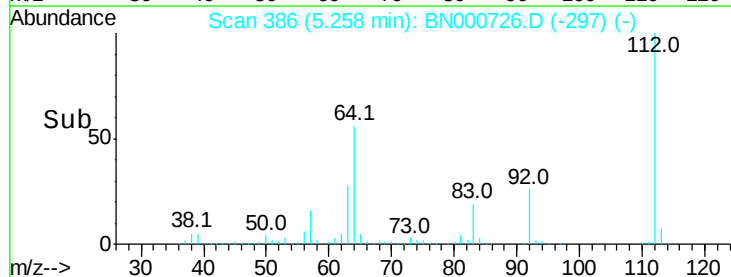
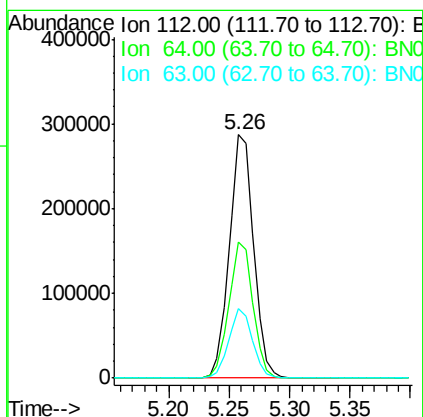
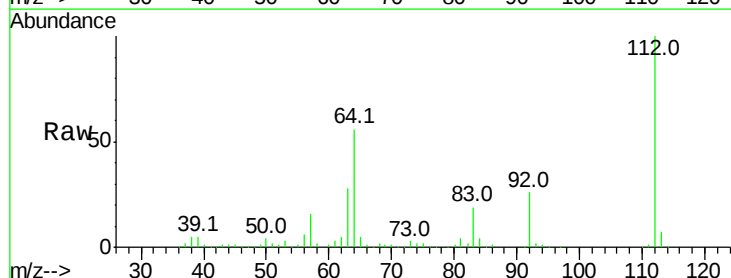
Tot Ion: 42 Resp: 786
 Ion Ratio Lower Upper
 42 100
 74 0.0 128.0 192.0#
 44 96.9 12.0 18.0#

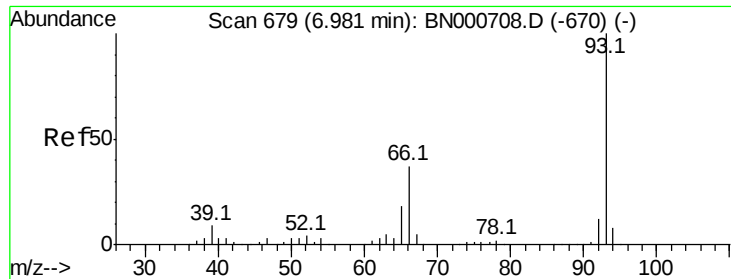


#5

2-Fluorophenol
 Concen: 39.494 ng
 RT: 5.26 min Scan# 386
 Delta R.T. -0.01 min
 Lab File: BN000726.D
 Acq: 10 Apr 2018 00:52

Tgt Ion: 112 Resp: 402247
 Ion Ratio Lower Upper
 112 100
 64 56.2 56.3 84.5#
 63 28.4 30.1 45.1#

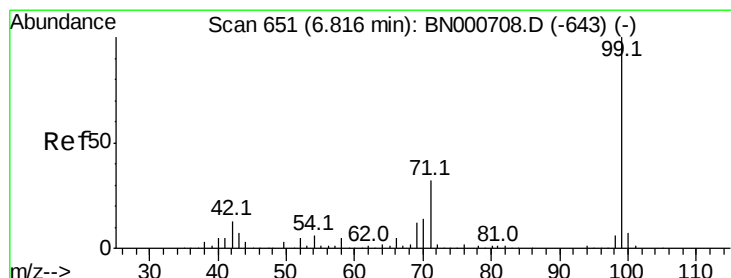
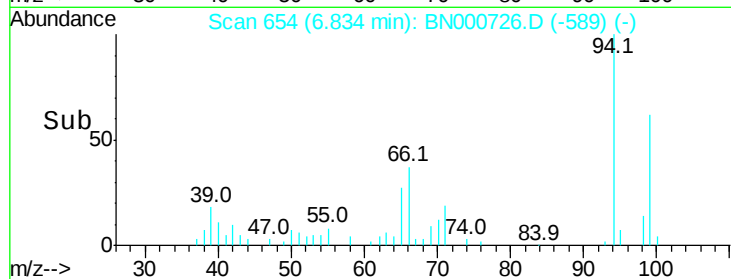
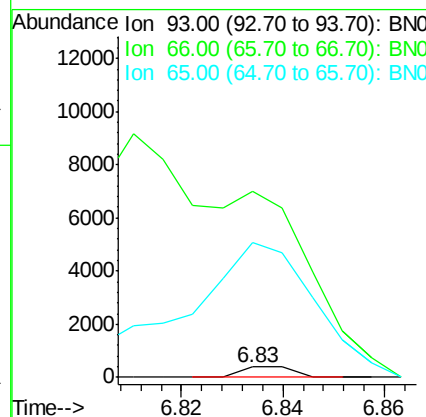
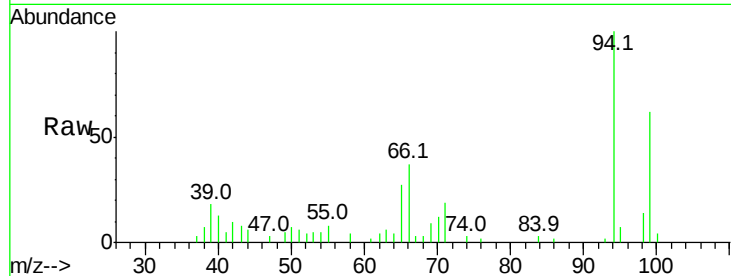




#6
Aniline
Concen: 0.015 ng
RT: 6.83 min Scan# 654
Delta R.T. -0.15 min
Lab File: BN000726.D
Acq: 10 Apr 2018 00:52

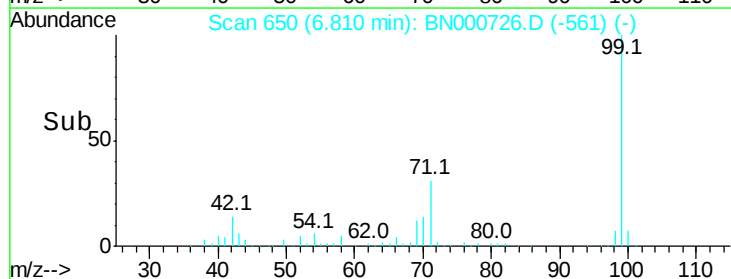
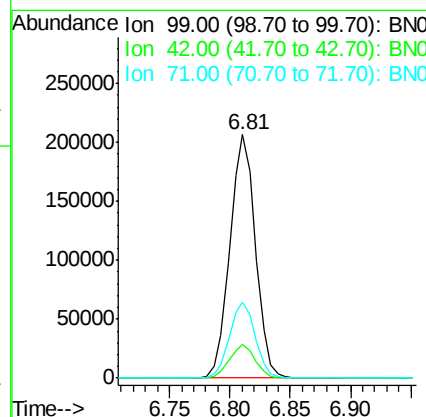
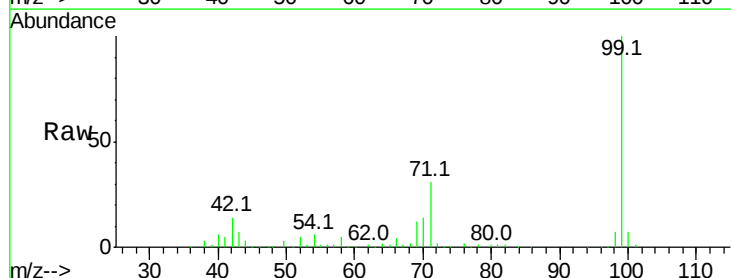
Instrument :
BNA_N
ClientSampleId :

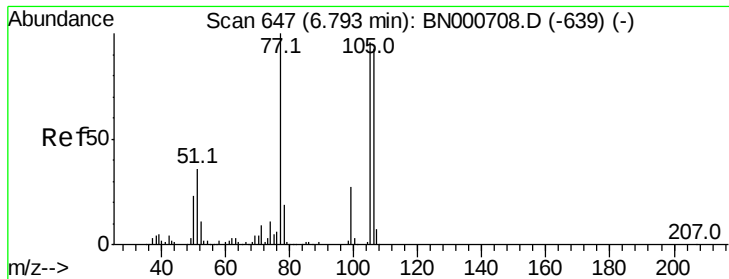
Tot Ion: 93 Resp: 270
Ion Ratio Lower Upper
93 100
66 1816.6 33.7 50.5#
65 1322.1 16.1 24.1#



#7
Phenol-d6
Concen: 21.819 ng
RT: 6.81 min Scan# 650
Delta R.T. -0.01 min
Lab File: BN000726.D
Acq: 10 Apr 2018 00:52

Tgt Ion: 99 Resp: 302521
Ion Ratio Lower Upper
99 100
42 13.8 14.1 21.1#
71 31.2 26.1 39.1





#9

Benzaldehyde

Concen: 0.040 ng

RT: 6.81 min Scan# 650

Delta R.T. 0.02 min

Lab File: BN000726.D

Acq: 10 Apr 2018 00:52

Instrument :

BNA_N

ClientSampled :

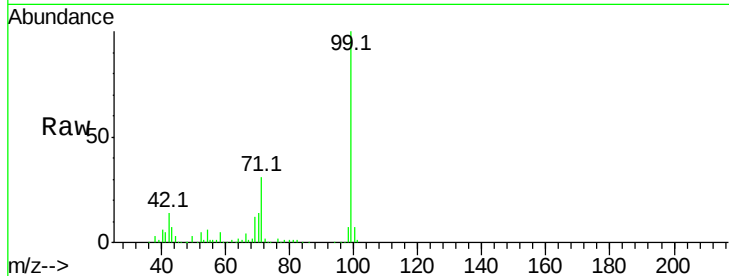
Tot Ion: 77 Resp: 280

Ion Ratio Lower Upper

77 100

105 0.0 71.3 111.3#

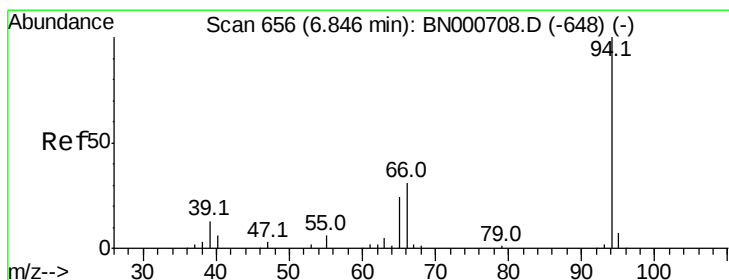
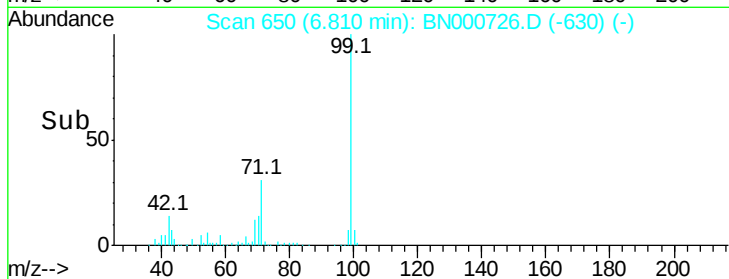
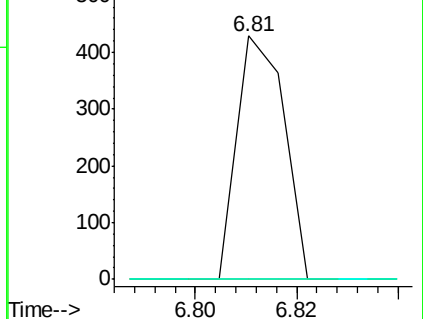
106 0.0 64.2 104.2#



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: 1.934 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.01 min

Lab File: BN000726.D

Acq: 10 Apr 2018 00:52

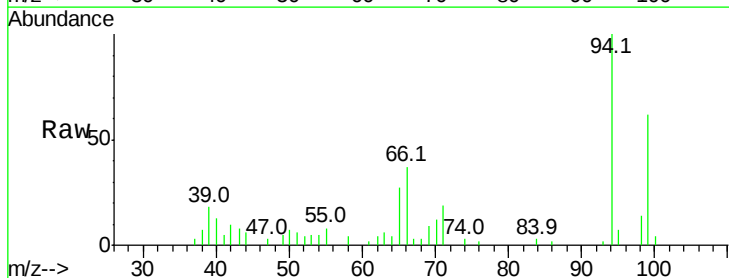
Tgt Ion: 94 Resp: 28507

Ion Ratio Lower Upper

94 100

65 27.2 11.9 51.9

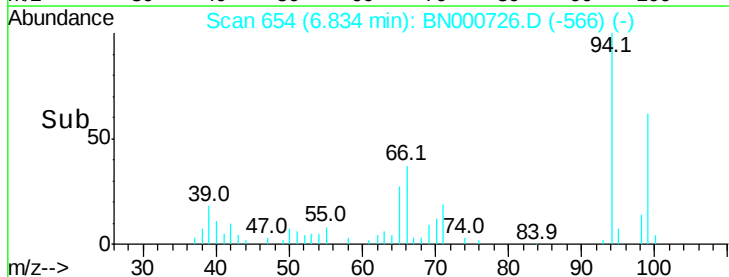
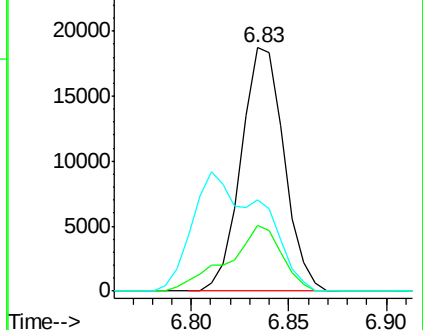
66 37.3 22.2 62.2

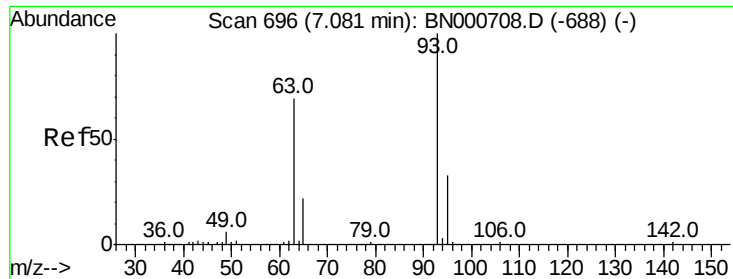


Abundance Ion 94.00 (93.70 to 94.70): BNC

Ion 65.00 (64.70 to 65.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

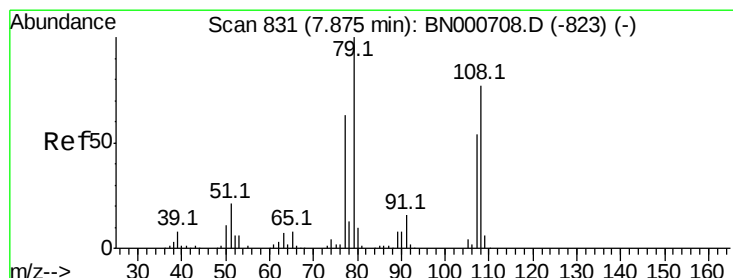
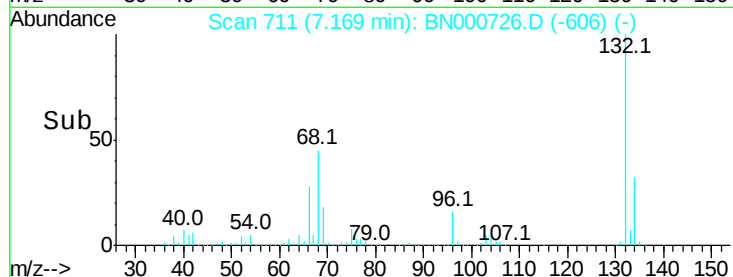
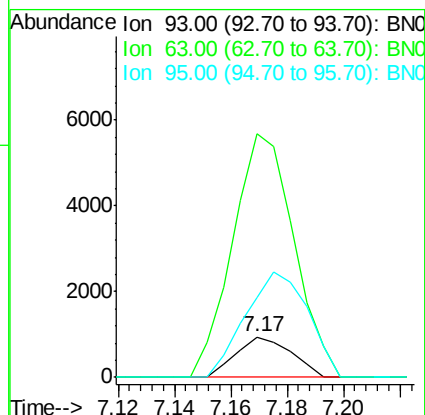
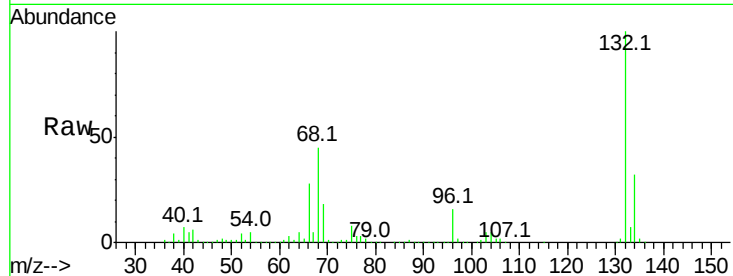




#11
bis(2-Chloroethyl)ether
Concen: 0.105 ng
RT: 7.17 min Scan# 711
Delta R.T. 0.09 min
Lab File: BN000726.D
Acq: 10 Apr 2018 00:52

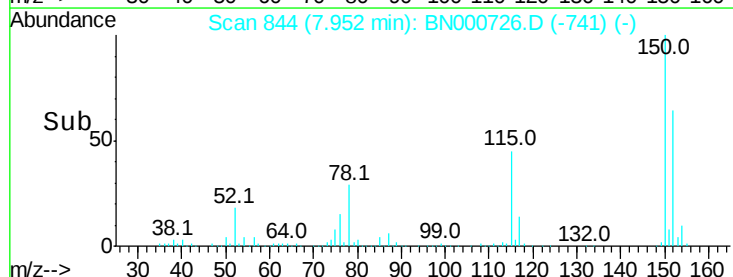
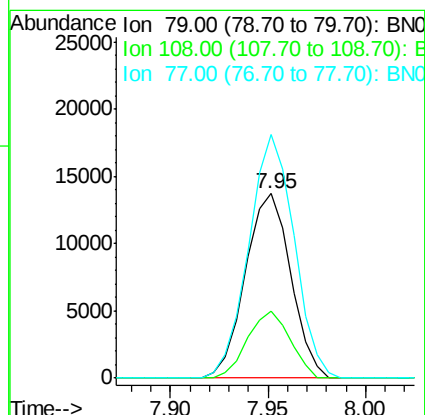
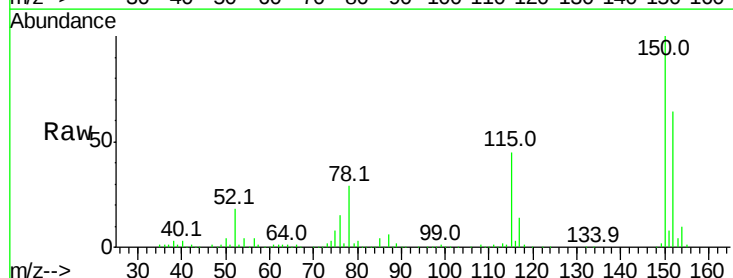
Instrument :
BNA_N
ClientSampled :

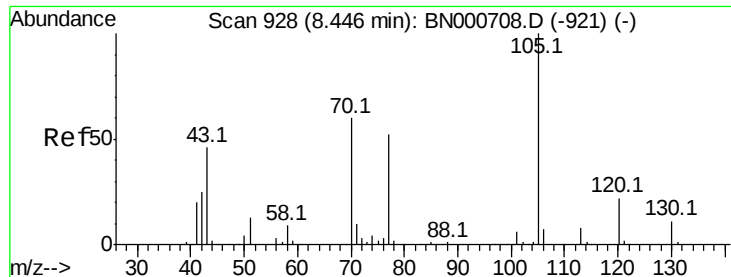
Tot Ion: 93 Resp: 1274
Ion Ratio Lower Upper
93 100
63 604.5 67.1 107.1#
95 197.8 11.5 51.5#



#15
Benzyl Alcohol
Concen: 2.348 ng
RT: 7.95 min Scan# 844
Delta R.T. 0.08 min
Lab File: BN000726.D
Acq: 10 Apr 2018 00:52

Tgt Ion: 79 Resp: 22176
Ion Ratio Lower Upper
79 100
108 36.6 57.2 85.8#
77 132.1 46.1 69.1#

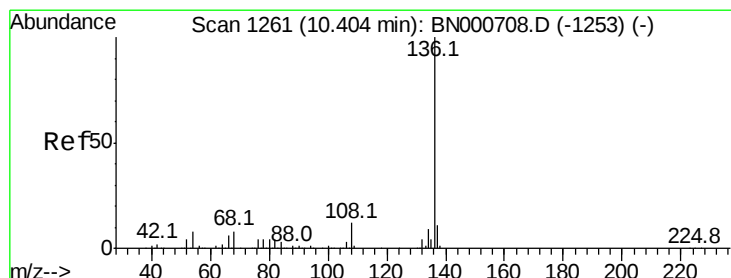
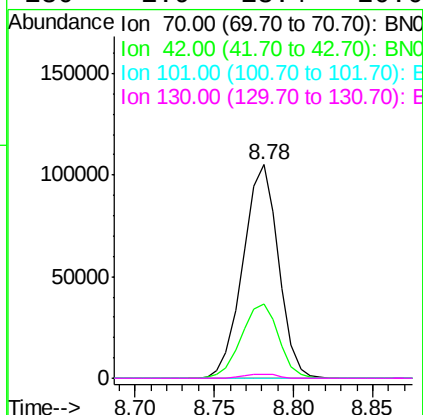
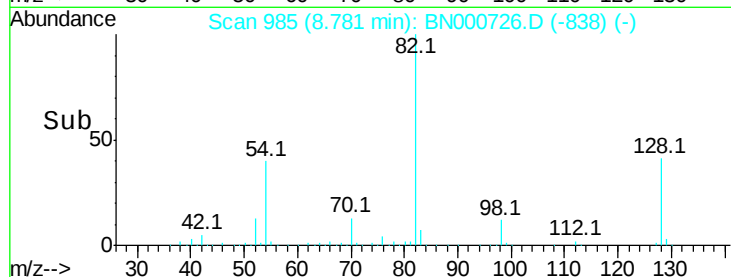
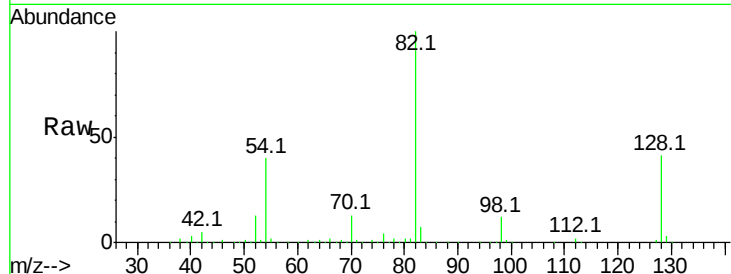




#19
n-Nitroso-di-n-propylamine
Concen: 18.822 ng
RT: 8.78 min Scan# 985
Delta R.T. 0.34 min
Lab File: BN000726.D
Acq: 10 Apr 2018 00:52

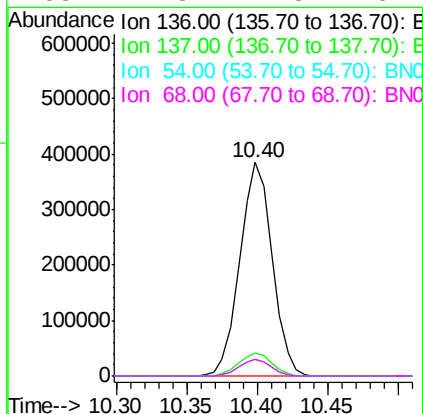
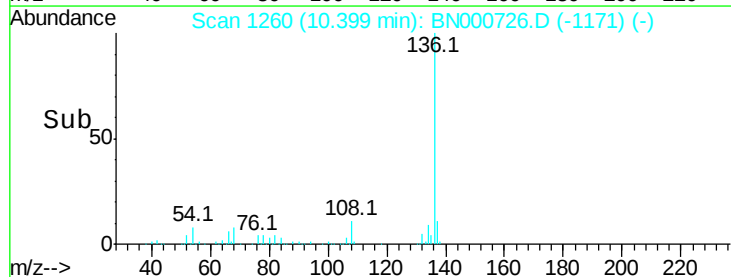
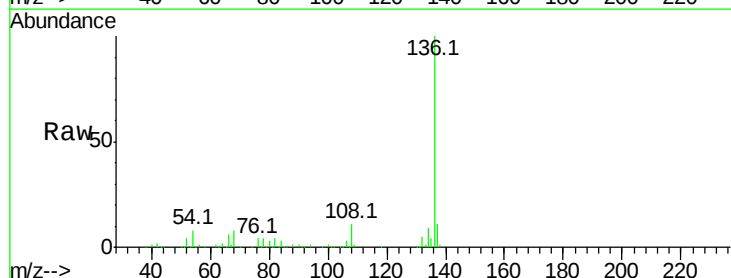
Instrument :
BNA_N
ClientSampleId :

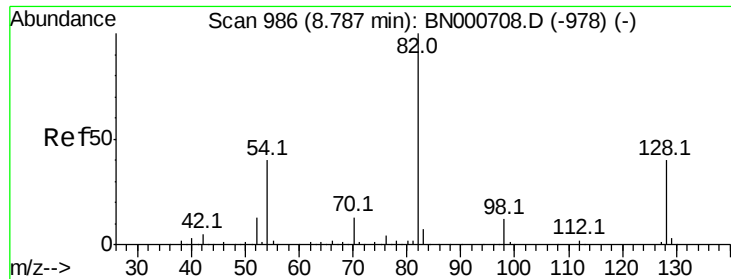
Tot Ion: 70 Resp: 163124
Ion Ratio Lower Upper
70 100
42 34.9 49.1 73.7#
101 0.0 8.5 12.7#
130 1.9 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.40 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BN000726.D
Acq: 10 Apr 2018 00:52

Tgt Ion:136 Resp: 616389
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 7.8 10.3 15.5#
68 7.8 4.5 6.7#

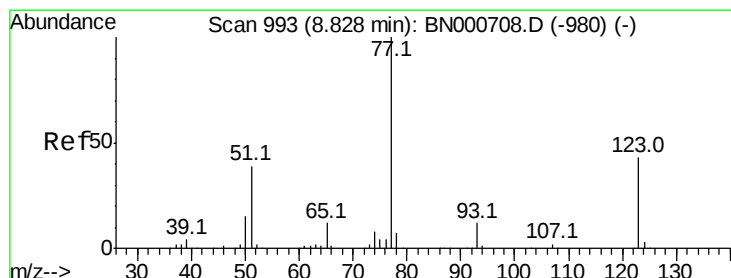
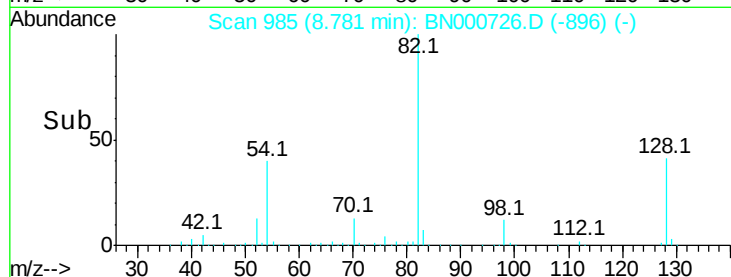
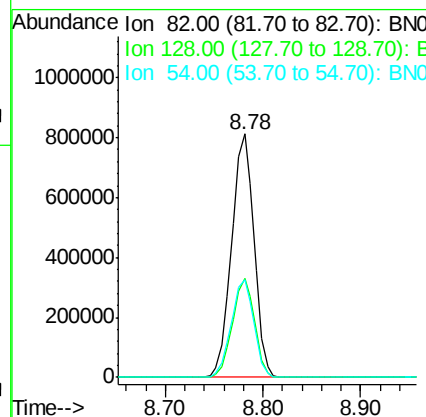
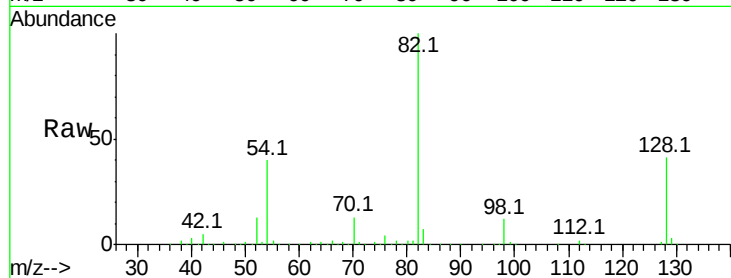




#23
 Nitrobenzene-d5
 Concen: 111.166 ng
 RT: 8.78 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BN000726.D
 Acq: 10 Apr 2018 00:52

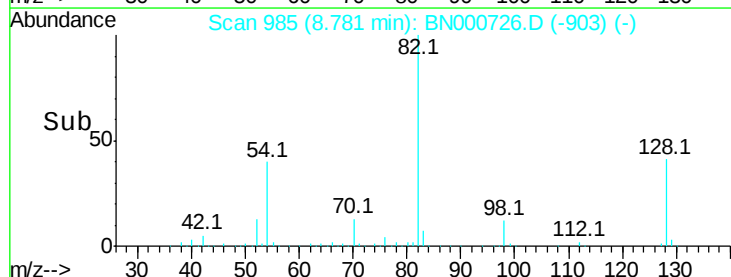
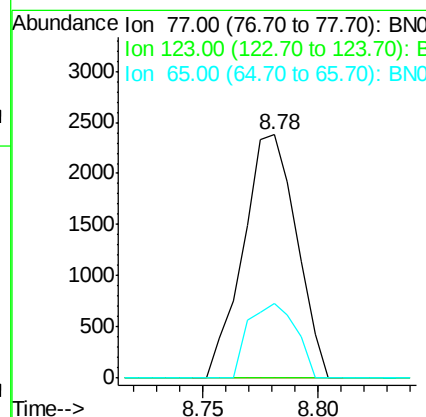
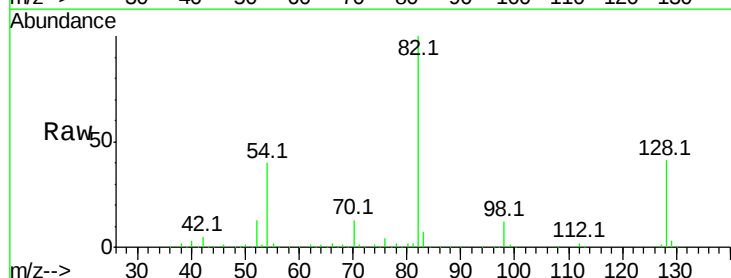
Instrument :
 BNA_N
 ClientSampleId :

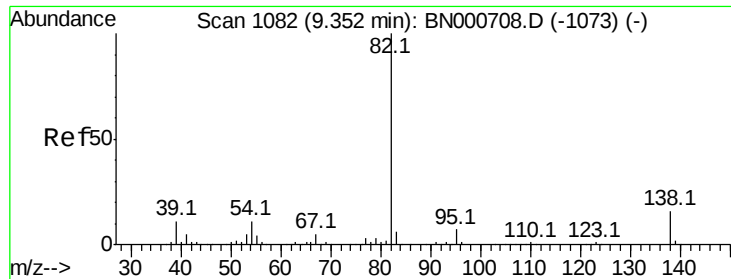
Tot Ion: 82 Resp: 1294867
 Ion Ratio Lower Upper
 82 100
 128 40.7 29.7 44.5
 54 40.1 43.1 64.7#



#24
 Nitrobenzene
 Concen: 0.303 ng
 RT: 8.78 min Scan# 985
 Delta R.T. -0.05 min
 Lab File: BN000726.D
 Acq: 10 Apr 2018 00:52

Tgt Ion: 77 Resp: 3827
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.0 49.6#
 65 30.8 13.0 19.6#





#25

Isophorone

Concen: 0.005 ng

RT: 8.95 min Scan# 1013

Delta R.T. -0.41 min

Lab File: BN000726.D

Acq: 10 Apr 2018 00:52

Instrument :

BNA_N

ClientSampleId :

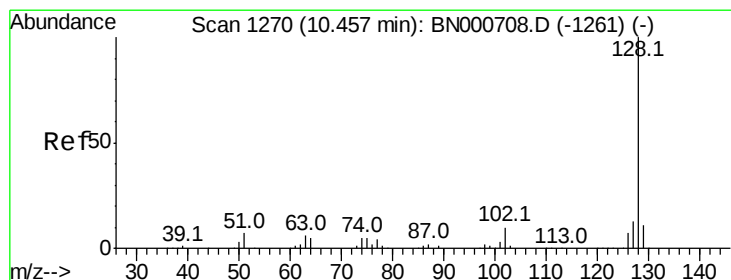
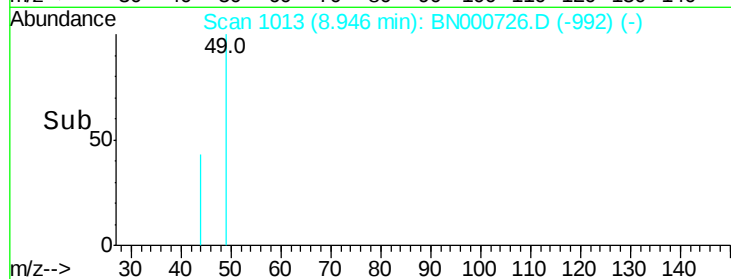
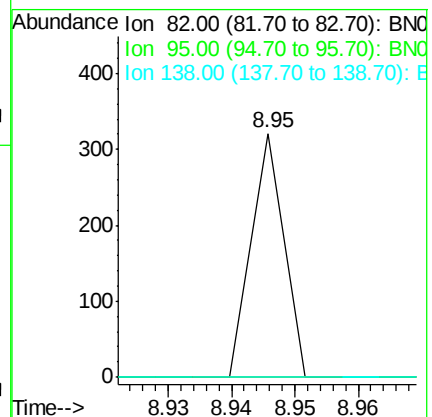
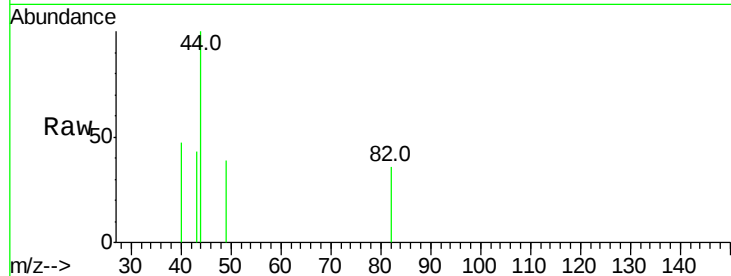
Tot Ion: 82 Resp: 113

Ion Ratio Lower Upper

82 100

95 0.0 6.2 9.2#

138 0.0 12.1 18.1#



#31

Naphthalene

Concen: 0.022 ng

RT: 10.45 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BN000726.D

Acq: 10 Apr 2018 00:52

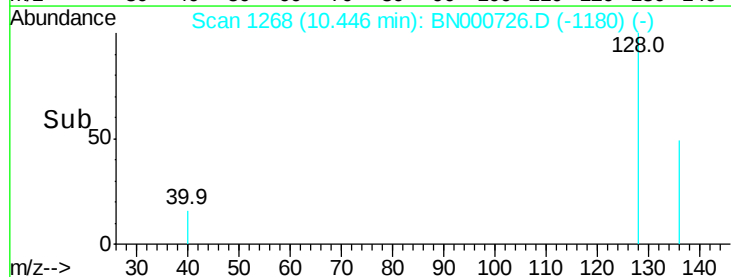
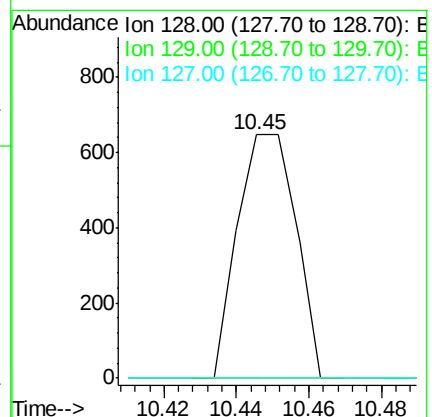
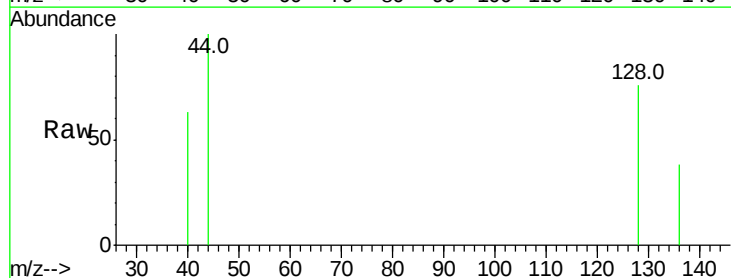
Tgt Ion: 128 Resp: 724

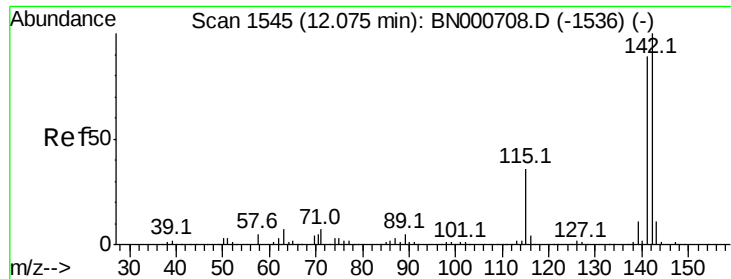
Ion Ratio Lower Upper

128 100

129 0.0 8.6 12.8#

127 0.0 11.6 17.4#

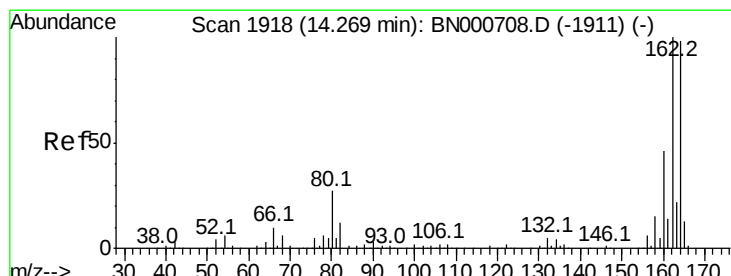
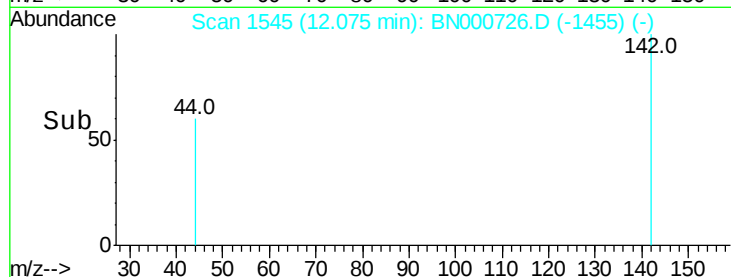
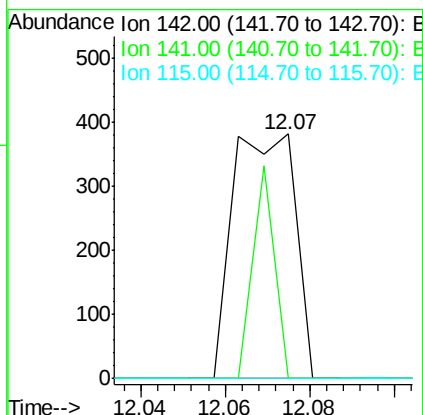
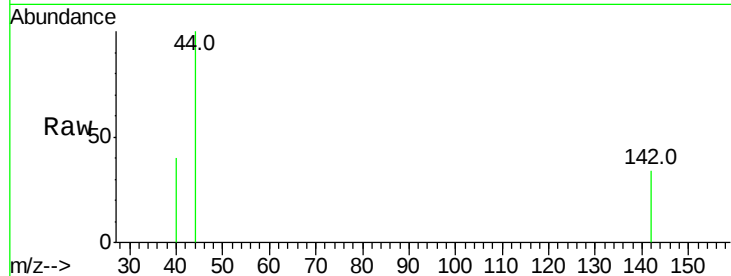




#37
2-Methylnaphthalene
Concen: 0.018 ng
RT: 12.07 min Scan# 1545
Delta R.T. -0.00 min
Lab File: BN000726.D
Acq: 10 Apr 2018 00:52

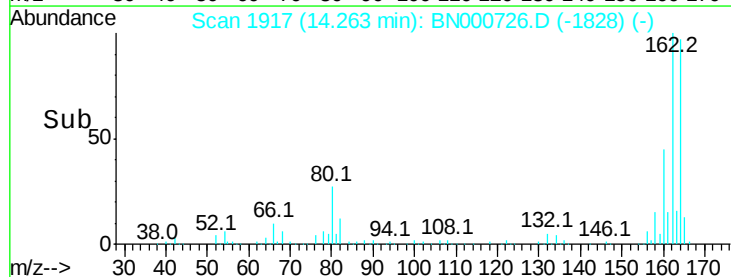
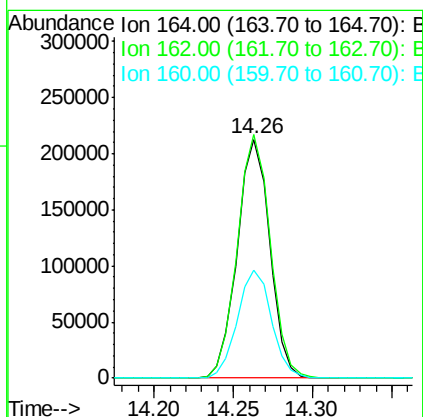
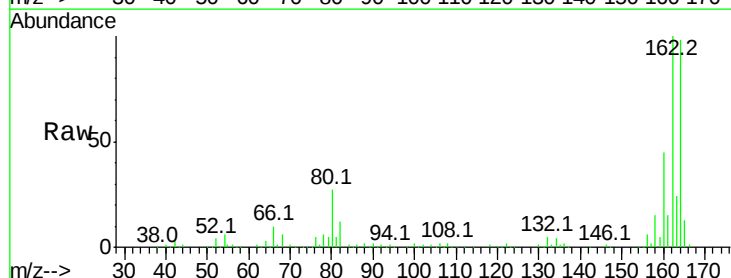
Instrument :
BNA_N
ClientSampled :

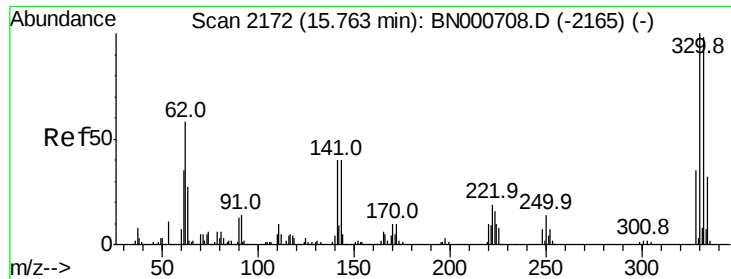
Tot Ion:142 Resp: 391
Ion Ratio Lower Upper
142 100
141 0.0 67.1 100.7#
115 0.0 30.7 46.1#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.26 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BN000726.D
Acq: 10 Apr 2018 00:52

Tgt Ion:164 Resp: 303169
Ion Ratio Lower Upper
164 100
162 102.0 78.8 118.2
160 45.5 35.4 53.0

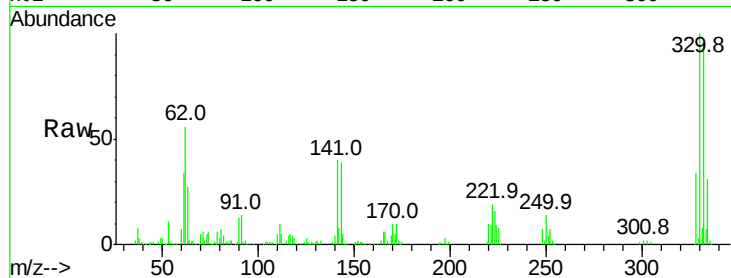




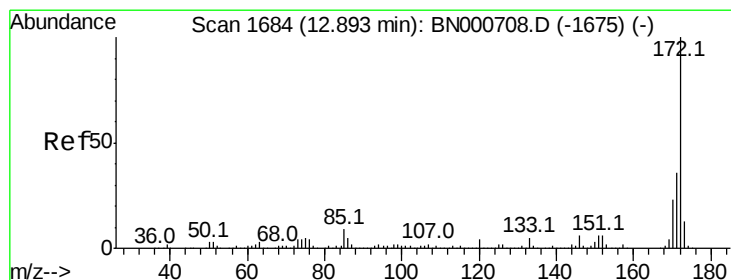
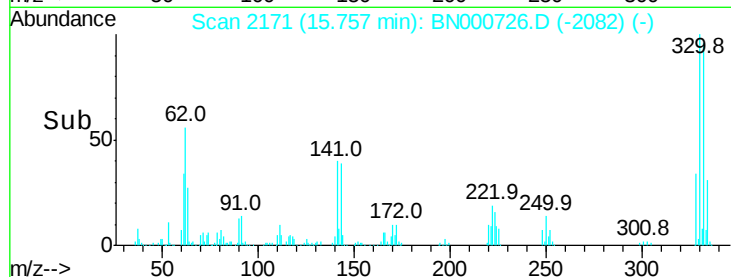
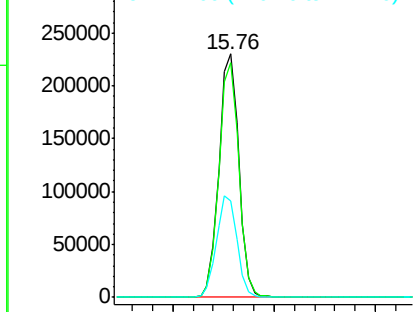
#41
 2,4,6-Tribromophenol
 Concen: 105.505 ng
 RT: 15.76 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BN000726.D
 Acq: 10 Apr 2018 00:52

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:330 Resp: 314481
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 43.1 25.2 37.8#

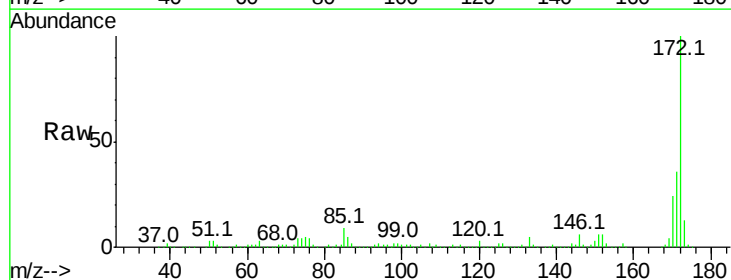


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

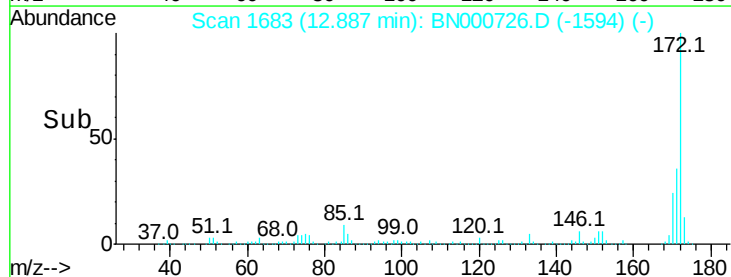
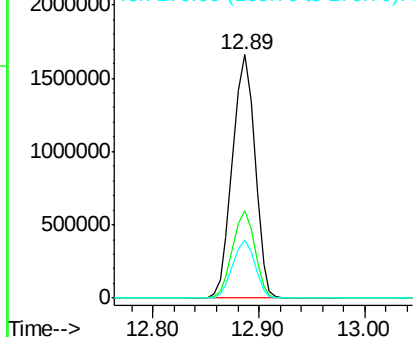


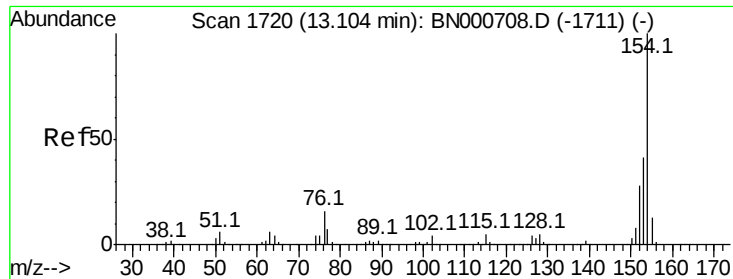
#44
 2-Fluorobiphenyl
 Concen: 111.330 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BN000726.D
 Acq: 10 Apr 2018 00:52

Tgt Ion:172 Resp: 2448904
 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

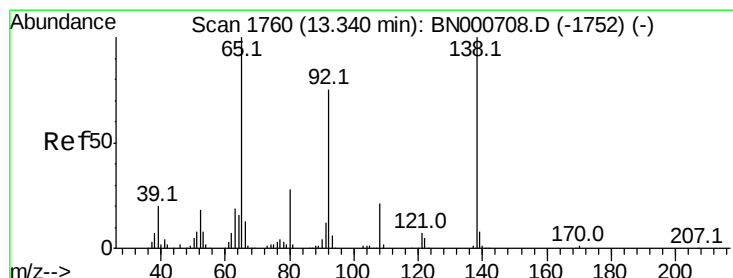
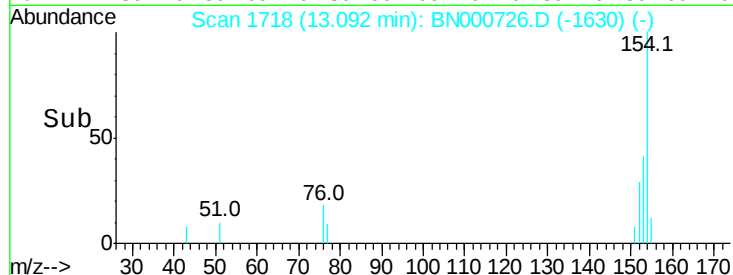
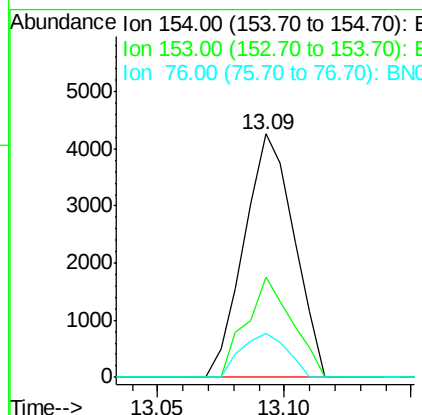
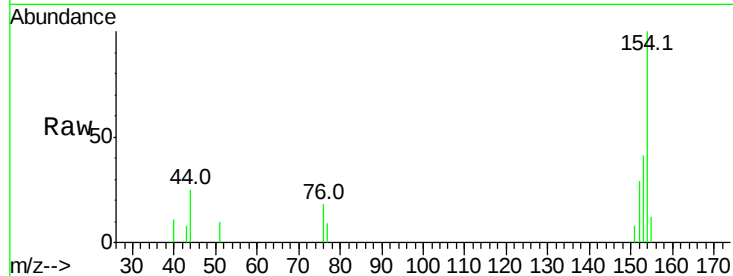




#45
 1,1'-Biphenyl
 Concen: 0.216 ng
 RT: 13.09 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BN000726.D
 Acq: 10 Apr 2018 00:52

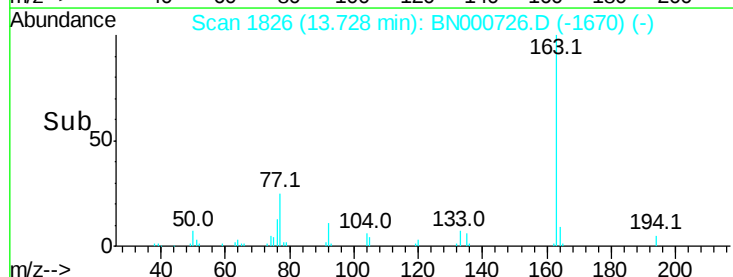
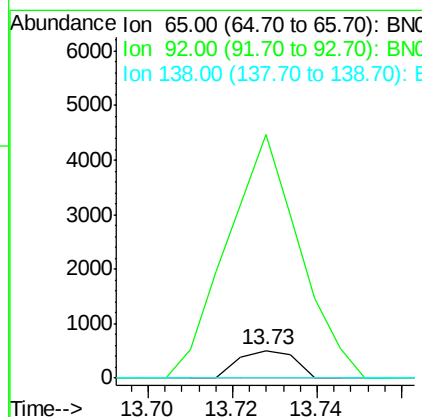
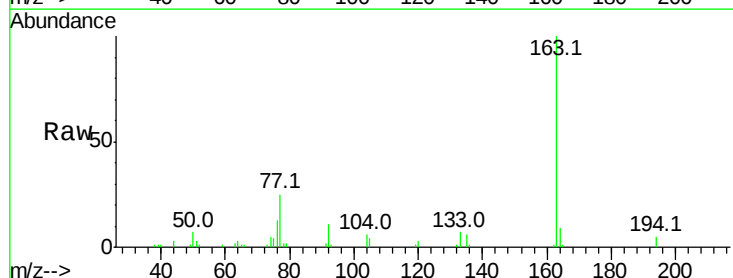
Instrument :
 BNA_N
 ClientSampled :

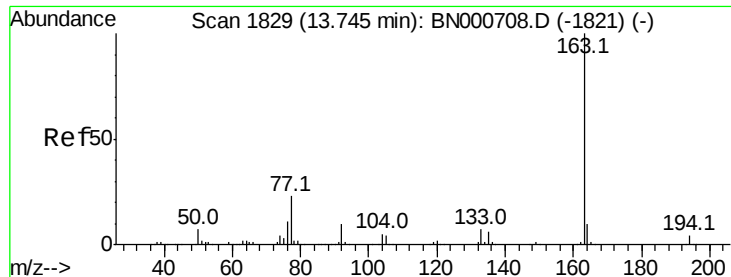
Tot Ion:154 Resp: 5868
 Ion Ratio Lower Upper
 154 100
 153 41.1 19.8 59.8
 76 18.0 0.0 31.9



#47
 2-Nitroaniline
 Concen: 0.080 ng
 RT: 13.73 min Scan# 1826
 Delta R.T. 0.39 min
 Lab File: BN000726.D
 Acq: 10 Apr 2018 00:52

Tgt Ion: 65 Resp: 462
 Ion Ratio Lower Upper
 65 100
 92 879.5 54.6 82.0#
 138 0.0 72.9 109.3#





#49

Dimethylphthalate

Concen: 2.149 ng

RT: 13.73 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BN000726.D

Acq: 10 Apr 2018 00:52

Instrument :

BNA_N

ClientSampled :

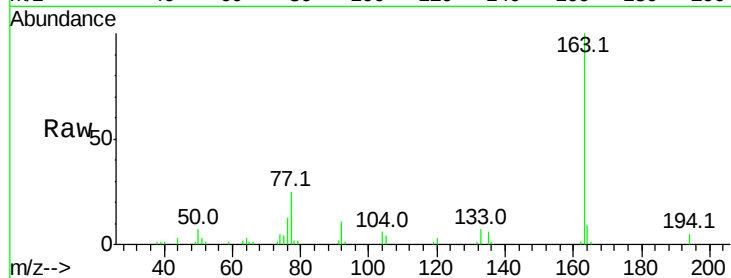
Tot Ion:163 Resp: 51872

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.2

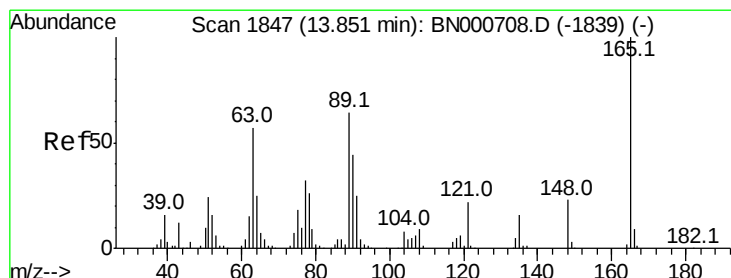
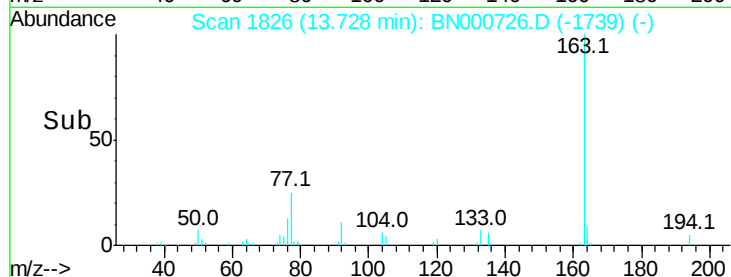
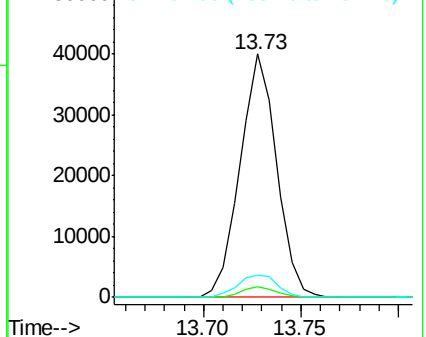
164 9.1 8.2 12.4



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: 7.631 ng

RT: 14.26 min Scan# 1917

Delta R.T. 0.41 min

Lab File: BN000726.D

Acq: 10 Apr 2018 00:52

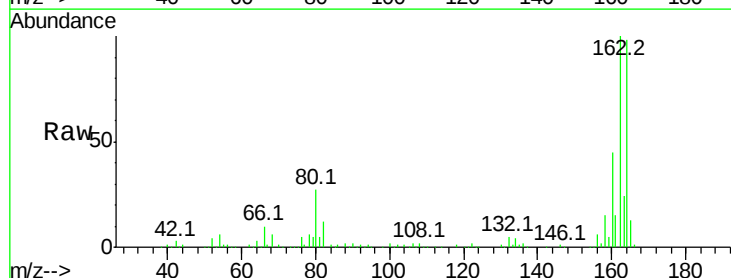
Tgt Ion:165 Resp: 38133

Ion Ratio Lower Upper

165 100

63 1.3 52.7 79.1#

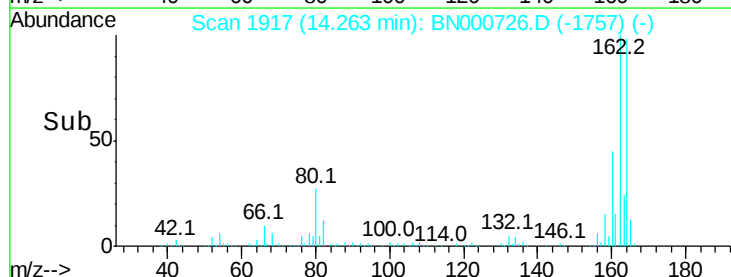
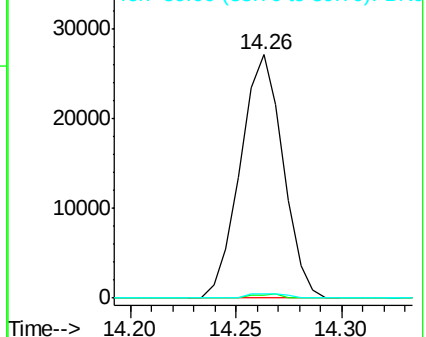
89 1.7 49.2 73.8#

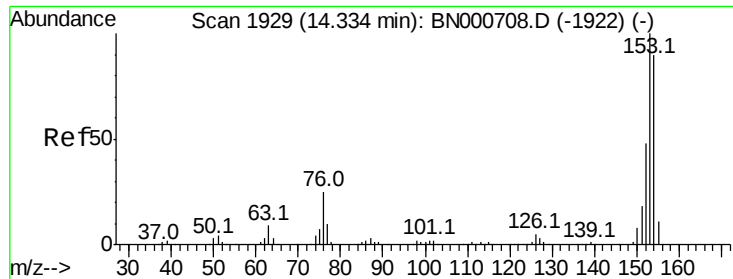


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC





#51

Acenaphthene

Concen: 0.023 ng

RT: 14.32 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BN000726.D

Acq: 10 Apr 2018 00:52

Instrument :

BNA_N

ClientSampleId :

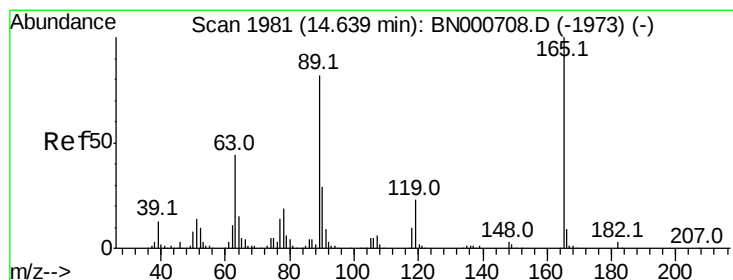
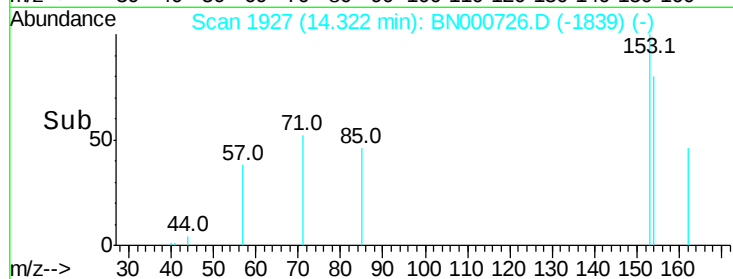
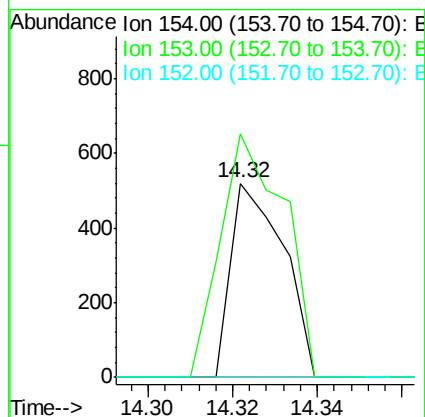
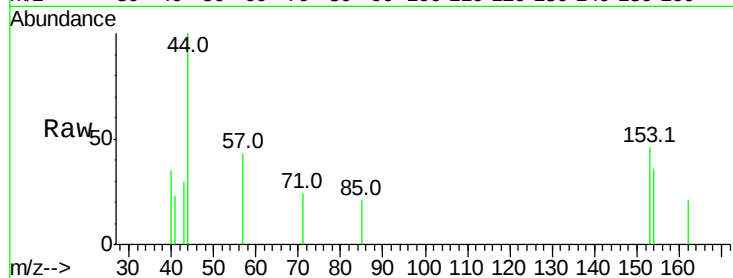
Tot Ion:154 Resp: 449

Ion Ratio Lower Upper

154 100

153 125.6 90.4 135.6

152 0.0 41.6 62.4#



#56

2,4-Dinitrotoluene

Concen: 5.877 ng

RT: 14.26 min Scan# 1917

Delta R.T. -0.38 min

Lab File: BN000726.D

Acq: 10 Apr 2018 00:52

Tgt Ion:165 Resp: 38133

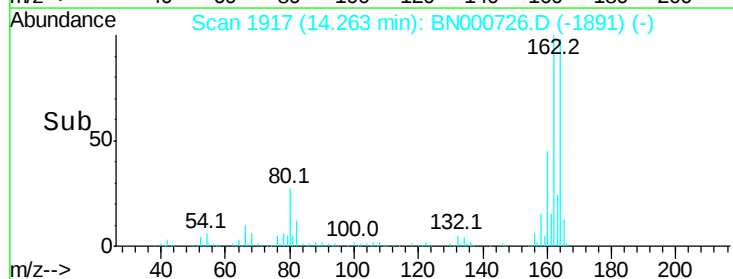
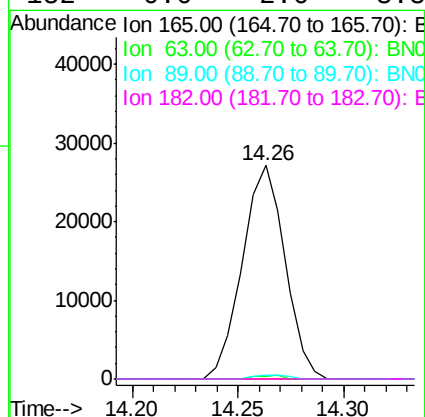
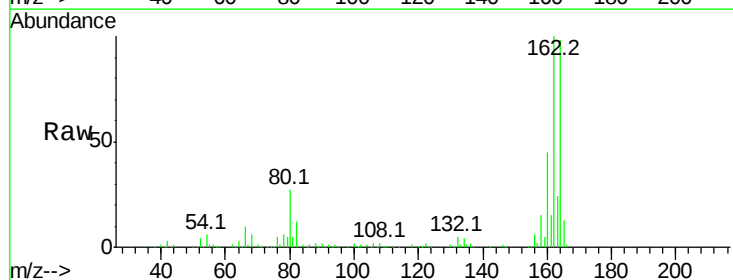
Ion Ratio Lower Upper

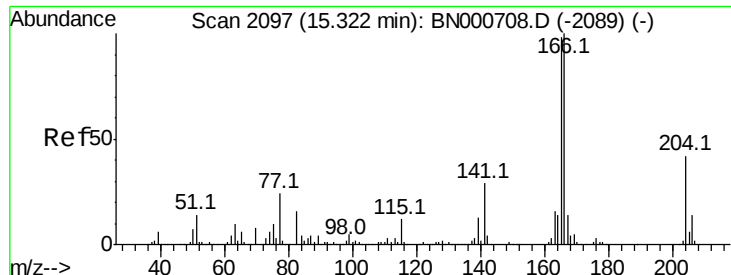
165 100

63 1.3 42.0 63.0#

89 1.7 66.9 100.3#

182 0.0 2.6 3.8#

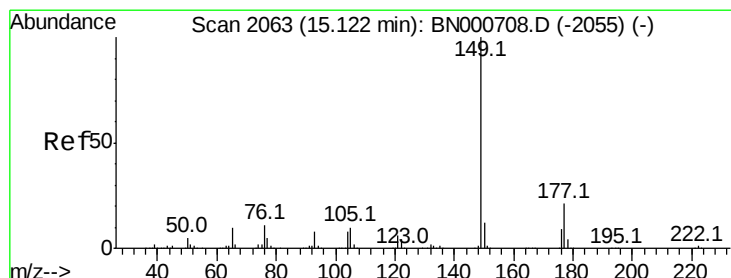
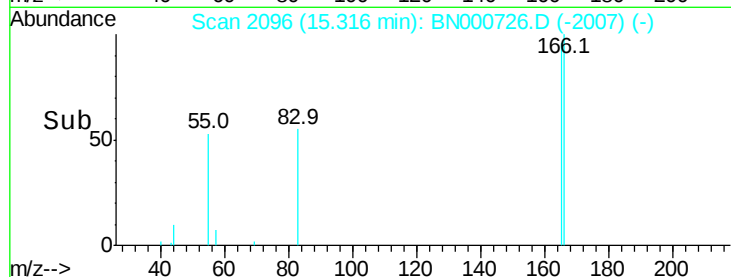
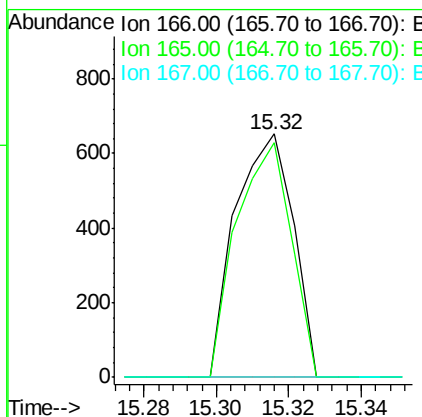
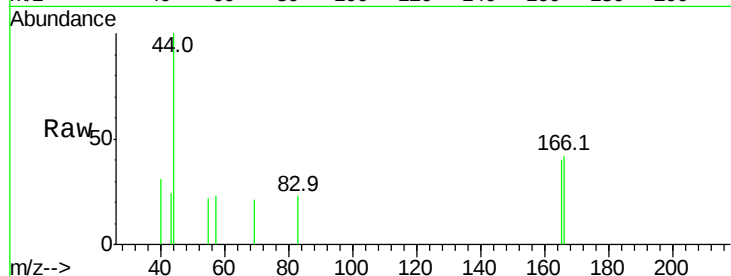




#57
Fluorene
 Concen: 0.032 ng
 RT: 15.32 min Scan# 2096
 Delta R.T. -0.01 min
 Lab File: BN000726.D
 Acq: 10 Apr 2018 00:52

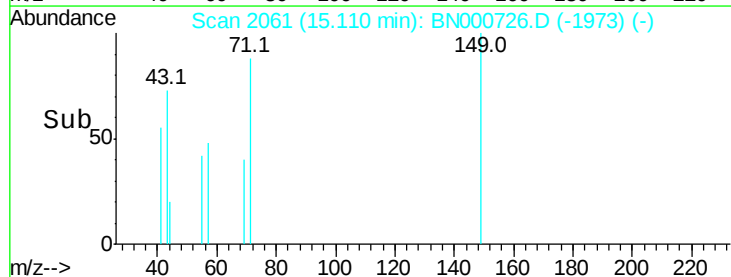
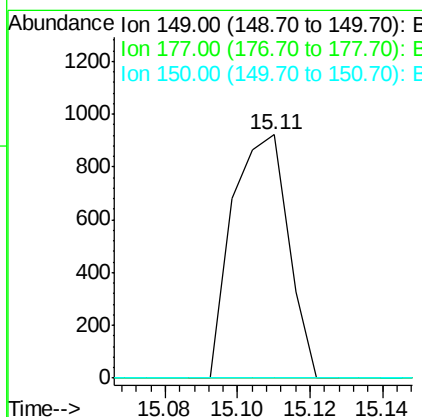
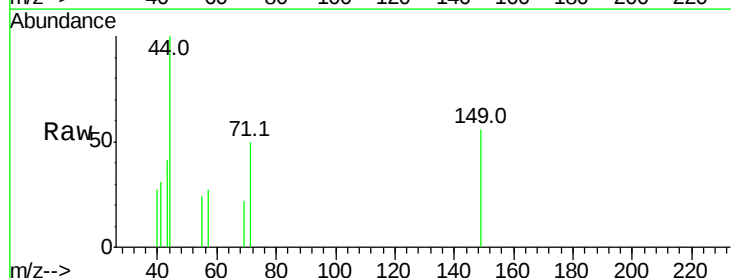
Instrument :
 BNA_N
 ClientSampled :

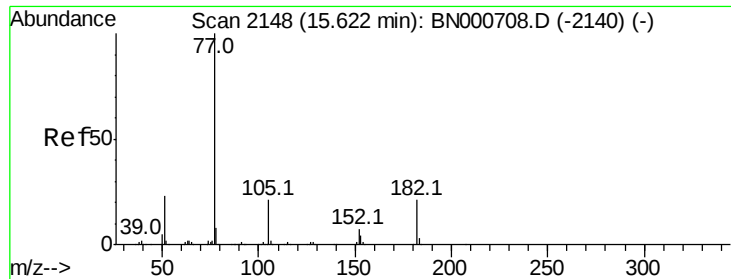
Tot Ion:166 Resp: 728
 Ion Ratio Lower Upper
 166 100
 165 96.5 80.6 121.0
 167 0.0 10.4 15.6#



#59
Diethylphthalate
 Concen: 0.041 ng
 RT: 15.11 min Scan# 2061
 Delta R.T. -0.01 min
 Lab File: BN000726.D
 Acq: 10 Apr 2018 00:52

Tgt Ion:149 Resp: 983
 Ion Ratio Lower Upper
 149 100
 177 0.0 18.5 27.7#
 150 0.0 10.2 15.2#





#62

Azobenzene

Concen: 0.094 ng

RT: 15.75 min Scan# 2170

Delta R.T. 0.13 min

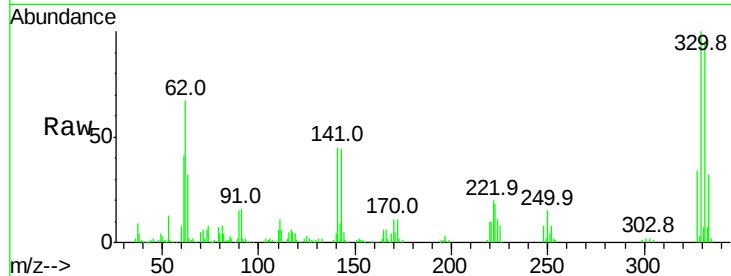
Lab File: BN000726.D

Acq: 10 Apr 2018 00:52

Instrument :

BNA_N

ClientSampled :



Tot Ion: 77 Resp: 2465

Ion Ratio Lower Upper

77 100

182 0.0 7.4 47.4#

105 89.8 0.3 40.3#

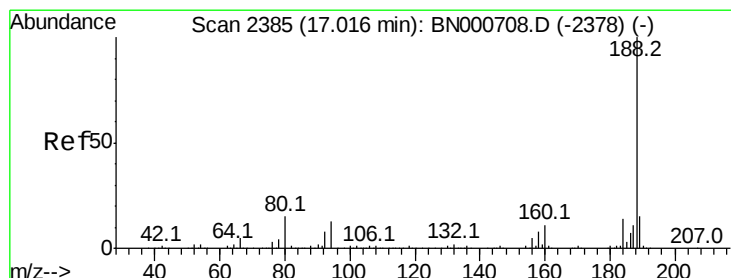
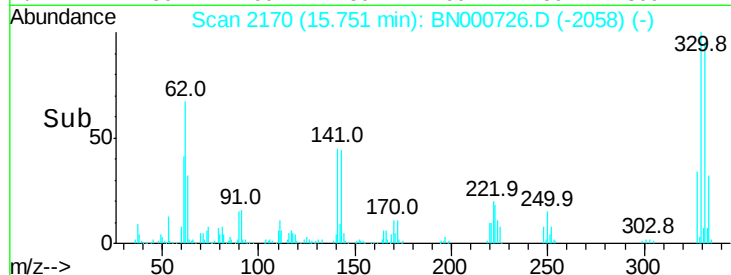
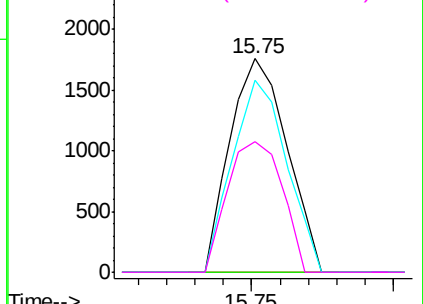
51 61.2 11.6 51.6#

Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 182.00 (181.70 to 182.70): BNC

Ion 105.00 (104.70 to 105.70): BNC

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: BN000726.D

Acq: 10 Apr 2018 00:52

Tgt Ion: 188 Resp: 587767

Ion Ratio Lower Upper

188 100

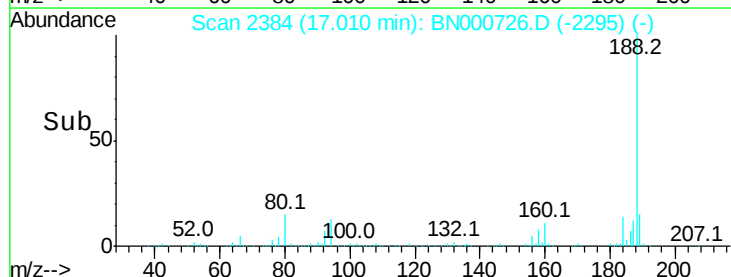
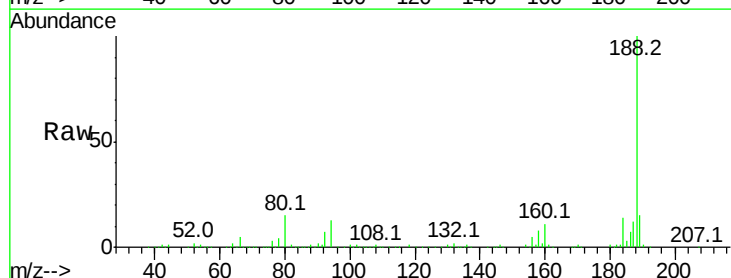
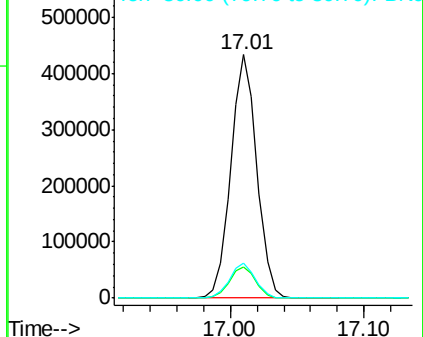
94 12.8 6.9 10.3#

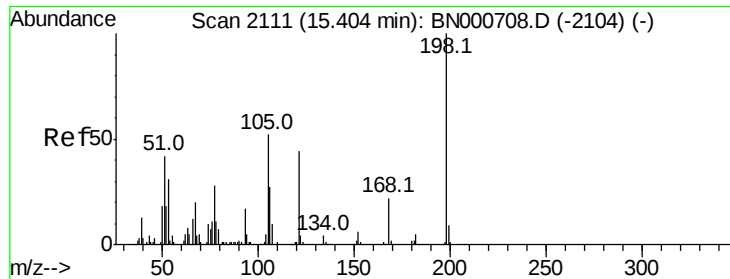
80 14.5 7.7 11.5#

Abundance Ion 188.00 (187.70 to 188.70): BNC

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

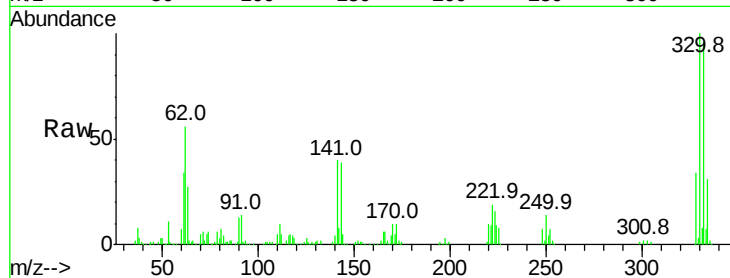




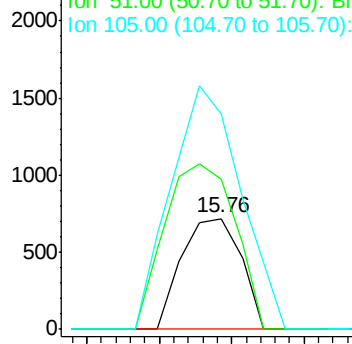
#64
4,6-Dinitro-2-methylphenol
Concen: 0.233 ng
RT: 15.76 min Scan# 2171
Delta R.T. 0.35 min
Lab File: BN000726.D
Acq: 10 Apr 2018 00:52

Instrument :
BNA_N
ClientSampled :

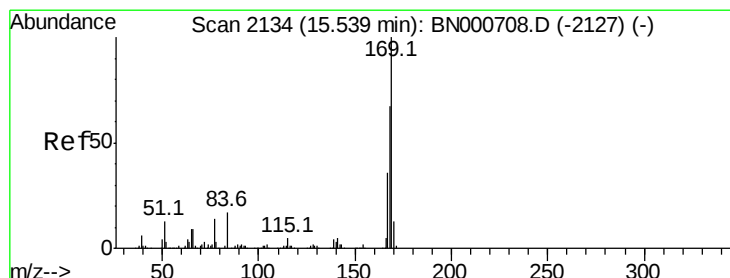
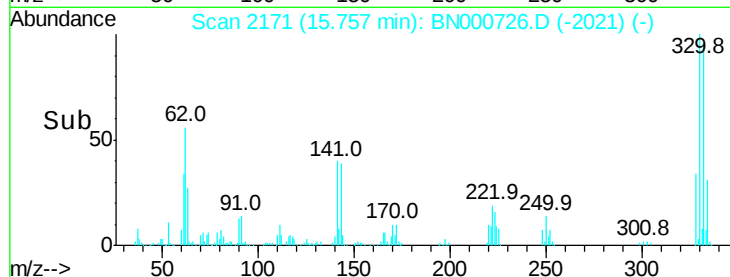
Tot Ion:198 Resp: 815
Ion Ratio Lower Upper
198 100
51 135.7 30.6 70.6#
105 195.0 23.8 63.8#



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

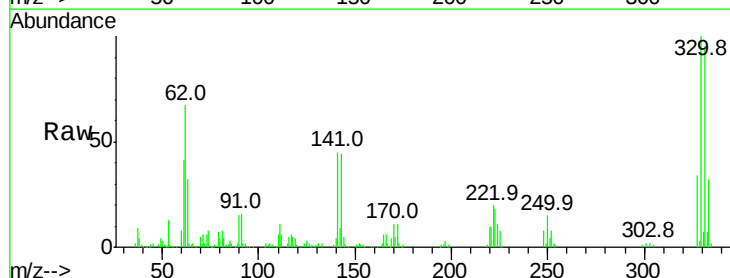


Time--> 15.72 15.74 15.76 15.78

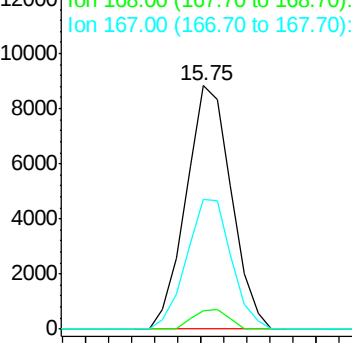


#65
n-Nitrosodiphenylamine
Concen: 0.616 ng
RT: 15.75 min Scan# 2170
Delta R.T. 0.21 min
Lab File: BN000726.D
Acq: 10 Apr 2018 00:52

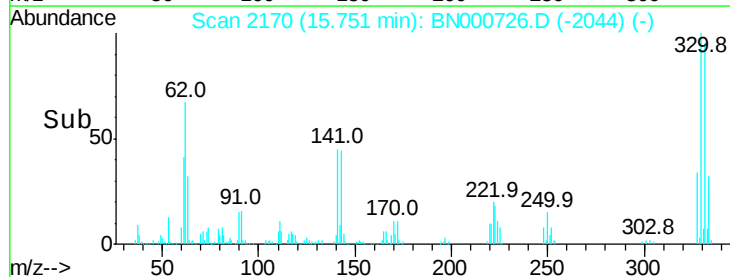
Tgt Ion:169 Resp: 12089
Ion Ratio Lower Upper
169 100
168 7.4 55.7 83.5#
167 53.1 30.1 45.1#

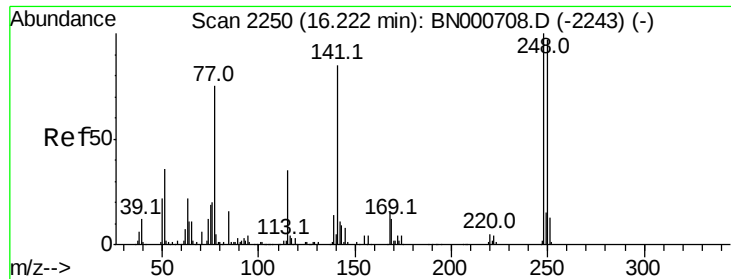


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



Time--> 15.70 15.75 15.80

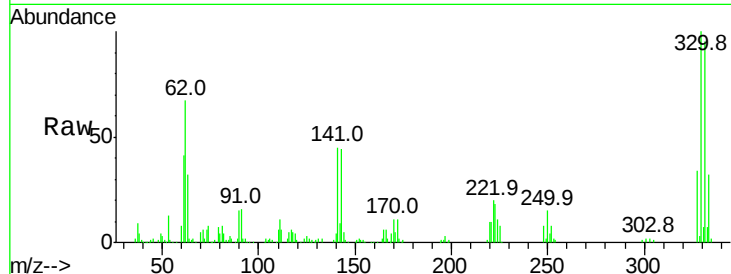




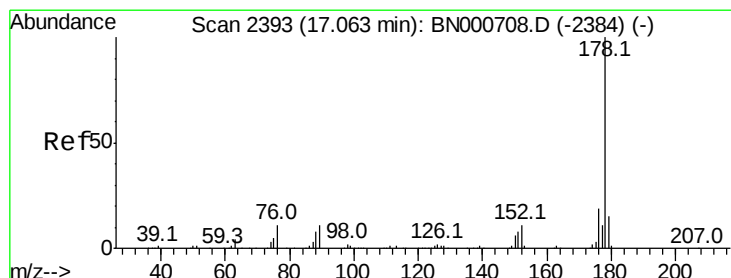
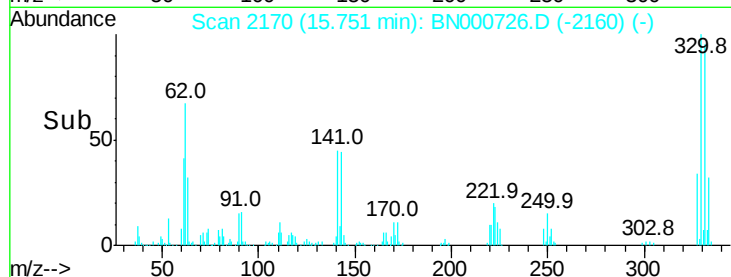
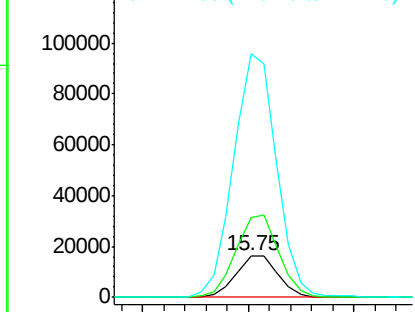
#66
 4-Bromophenyl-phenylether
 Concen: 3.821 ng
 RT: 15.75 min Scan# 2170
 Delta R.T. -0.47 min
 Lab File: BN000726.D
 Acq: 10 Apr 2018 00:52

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:248 Resp: 22455
 Ion Ratio Lower Upper
 248 100
 250 192.0 77.1 115.7#
 141 584.2 50.8 76.2#

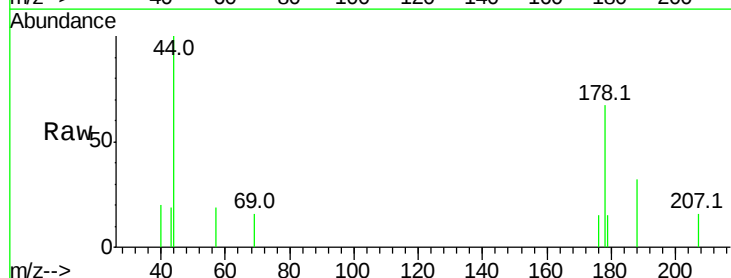


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

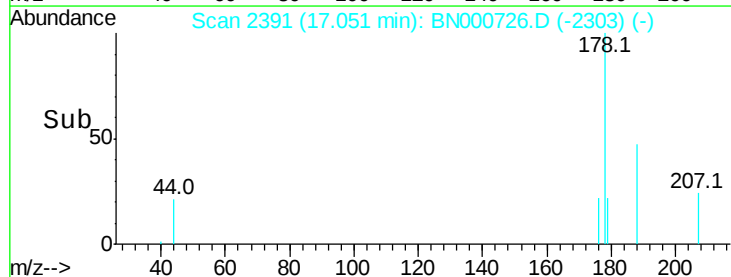
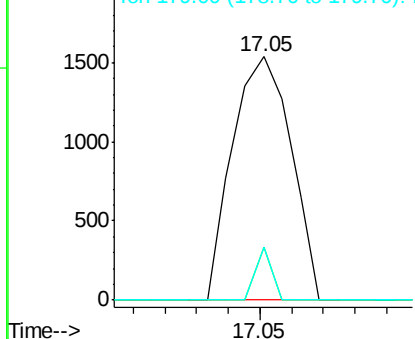


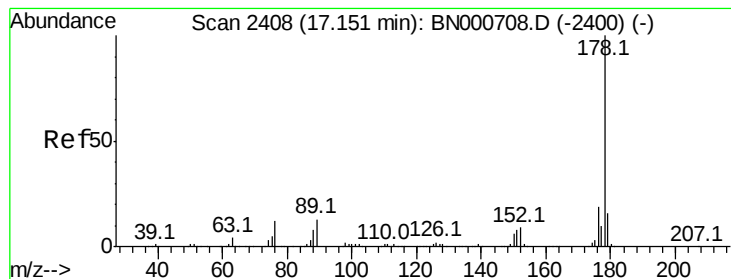
#70
 Phenanthrene
 Concen: 0.058 ng
 RT: 17.05 min Scan# 2391
 Delta R.T. -0.01 min
 Lab File: BN000726.D
 Acq: 10 Apr 2018 00:52

Tgt Ion:178 Resp: 1968
 Ion Ratio Lower Upper
 178 100
 176 21.9 15.7 23.5
 179 21.7 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: 0.023 ng

RT: 17.15 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BN000726.D

Acq: 10 Apr 2018 00:52

Instrument :

BNA_N

ClientSampleId :

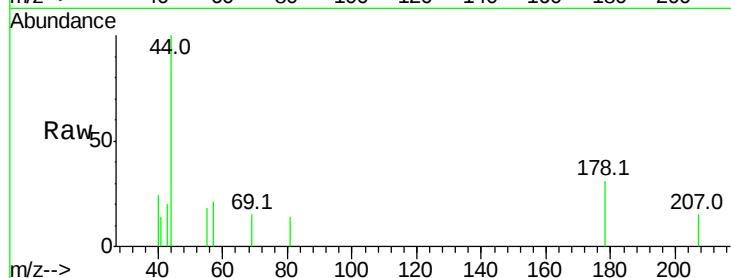
Tot Ion:178 Resp: 775

Ion Ratio Lower Upper

178 100

176 0.0 16.0 24.0#

179 0.0 12.5 18.7#



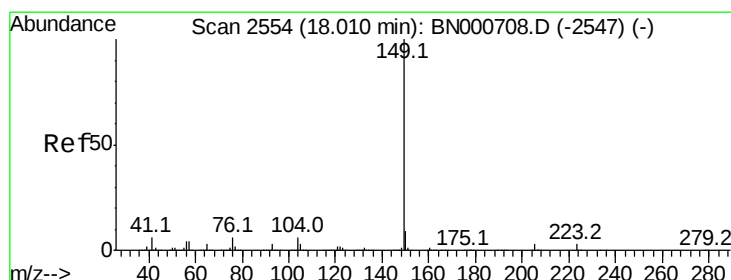
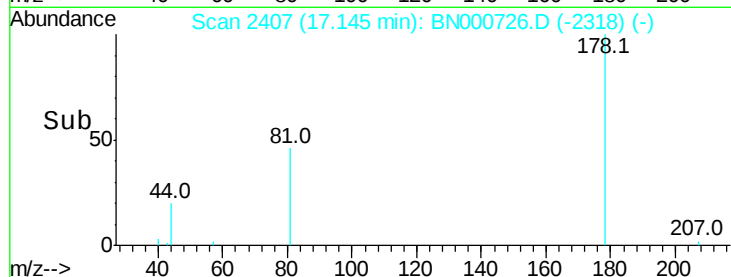
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

17.15

Time-->



#73

Di-n-butylphthalate

Concen: 0.105 ng

RT: 18.00 min Scan# 2552

Delta R.T. -0.01 min

Lab File: BN000726.D

Acq: 10 Apr 2018 00:52

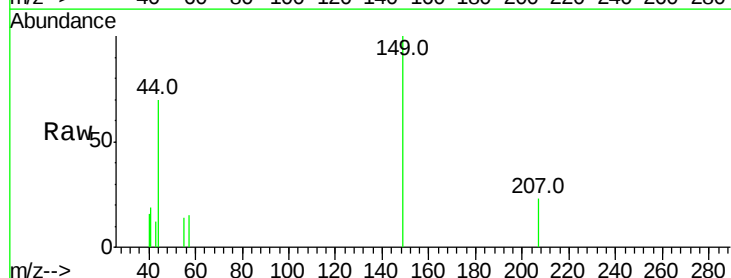
Tgt Ion:149 Resp: 3870

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

104 0.0 3.9 5.9#



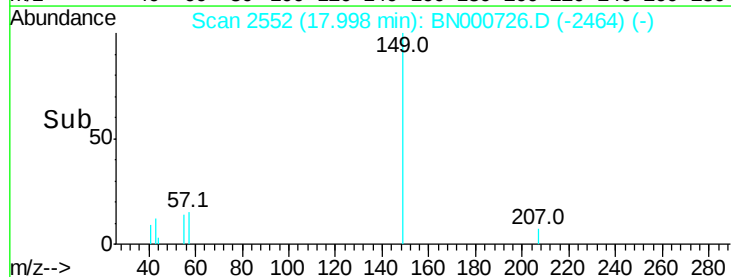
Abundance Ion 149.00 (148.70 to 149.70): E

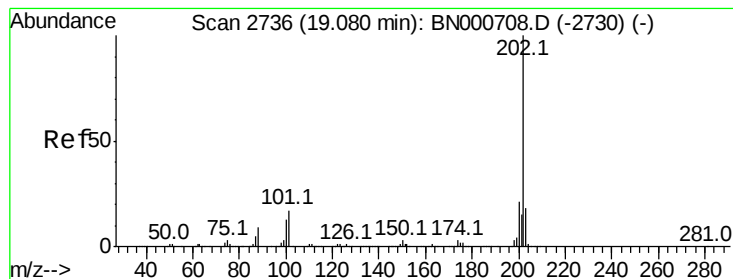
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

18.00

Time-->





#74

Fluoranthene

Concen: 0.050 ng

RT: 19.07 min Scan# 2735

Delta R.T. -0.01 min

Lab File: BN000726.D

Acq: 10 Apr 2018 00:52

Instrument :

BNA_N

ClientSampleId :

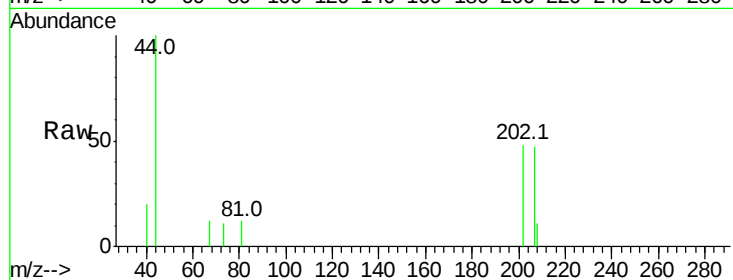
Tot Ion:202 Resp: 1699

Ion Ratio Lower Upper

202 100

101 0.0 0.0 28.9

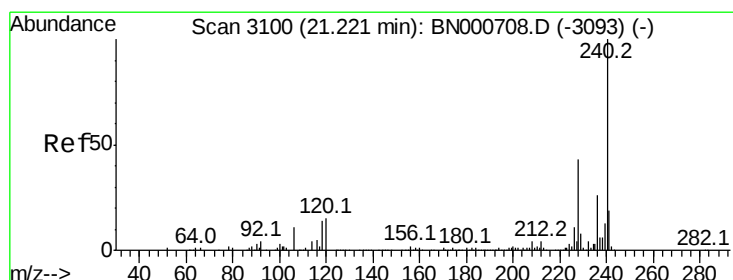
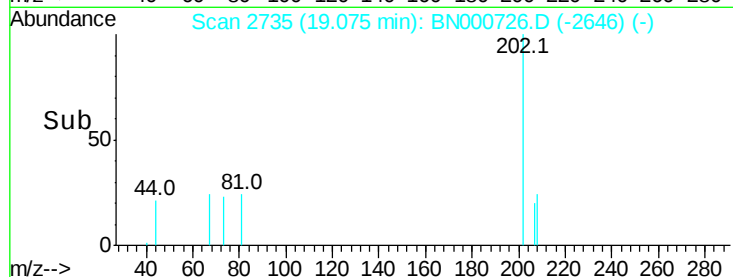
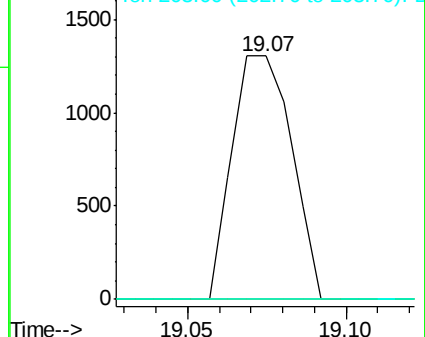
203 0.0 0.0 37.5



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: BN000726.D

Acq: 10 Apr 2018 00:52

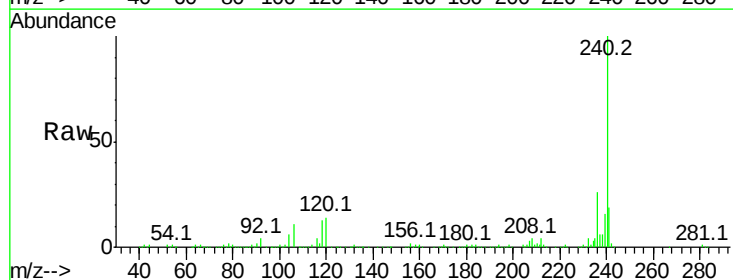
Tgt Ion:240 Resp: 504321

Ion Ratio Lower Upper

240 100

120 14.0 6.8 10.2#

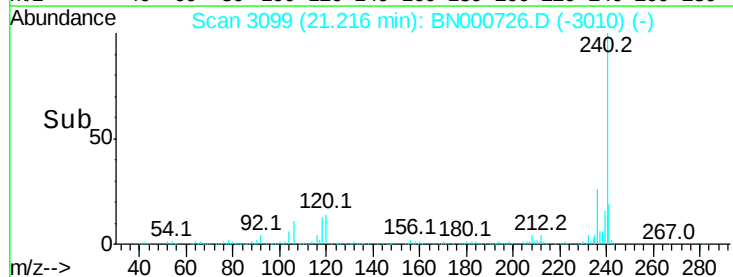
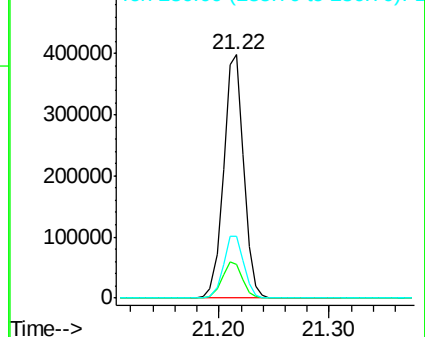
236 25.6 20.9 31.3

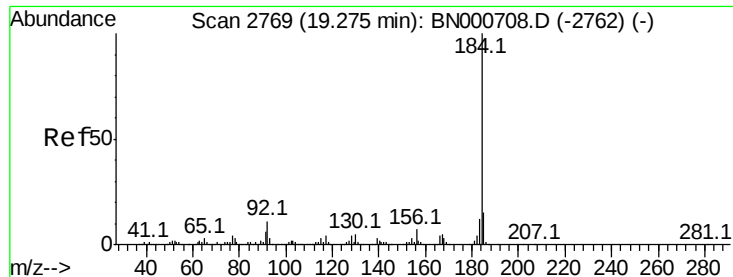


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 2.872 ng

RT: 19.66 min Scan# 2835

Delta R.T. 0.39 min

Lab File: BN000726.D

Acq: 10 Apr 2018 00:52

Instrument :

BNA_N

ClientSampleId :

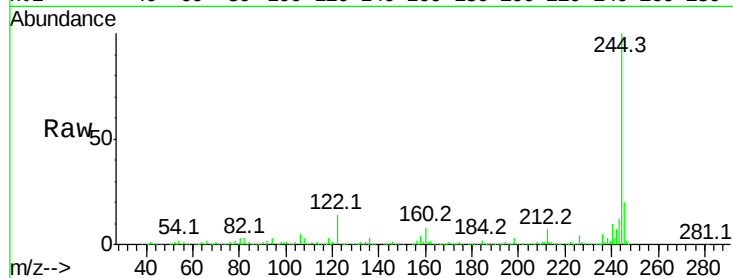
Tot Ion:184 Resp: 39599

Ion Ratio Lower Upper

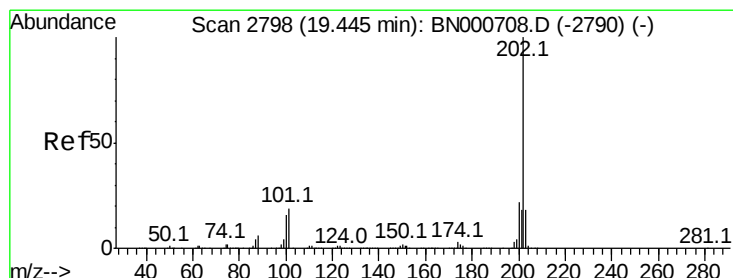
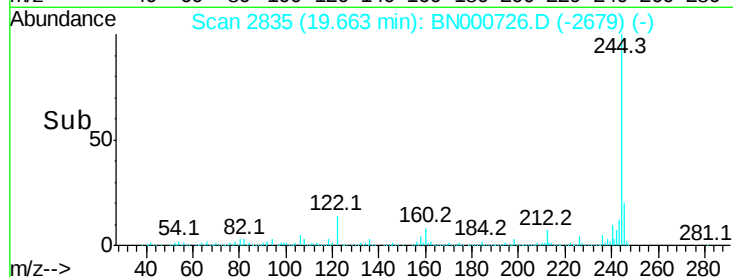
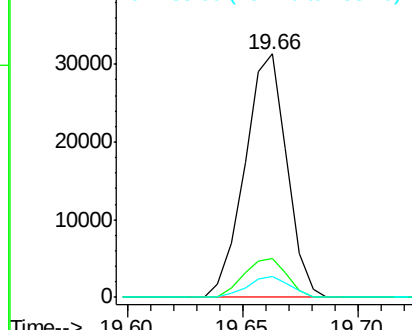
184 100

185 16.0 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

Pyrene

Concen: 0.046 ng

RT: 19.43 min Scan# 2796

Delta R.T. -0.01 min

Lab File: BN000726.D

Acq: 10 Apr 2018 00:52

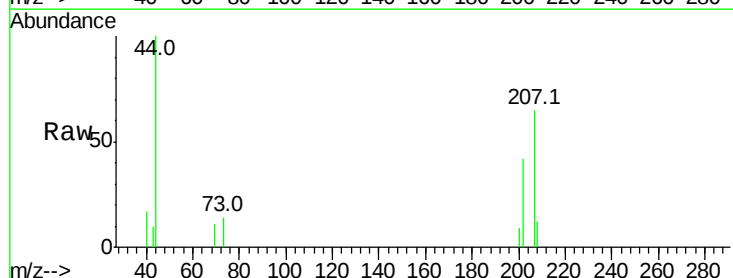
Tgt Ion:202 Resp: 1661

Ion Ratio Lower Upper

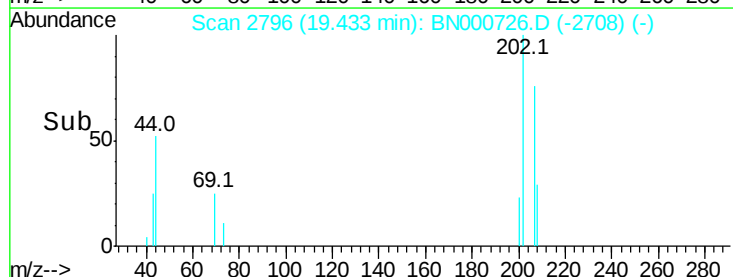
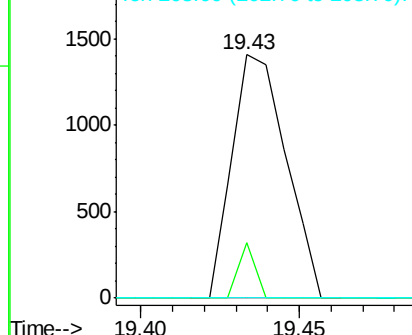
202 100

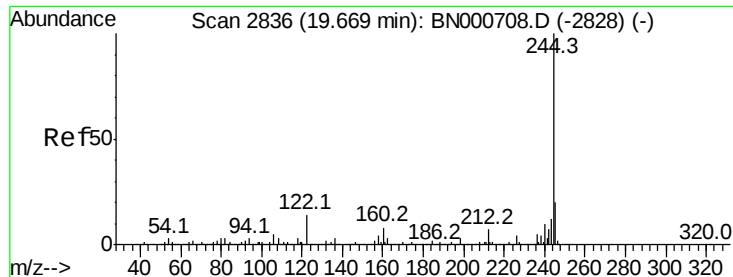
200 22.5 16.9 25.3

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: 111.292 ng

RT: 19.66 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BN000726.D

Acq: 10 Apr 2018 00:52

Instrument :

BNA_N

ClientSampleId :

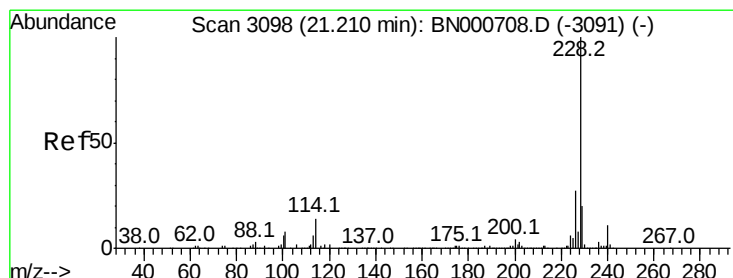
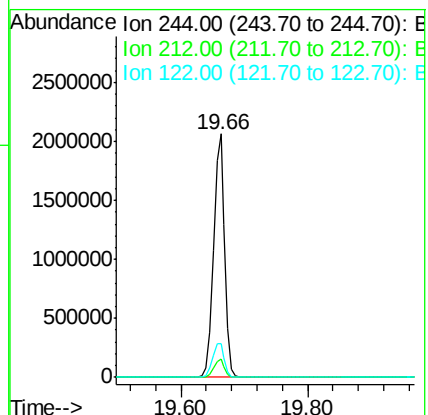
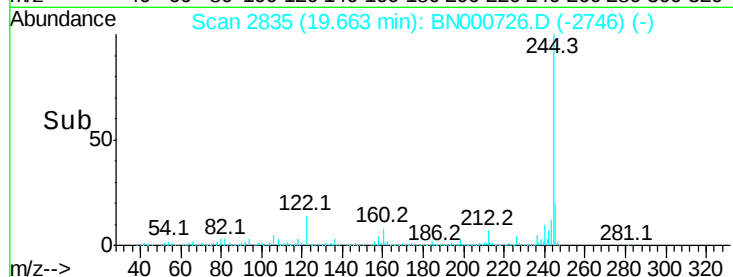
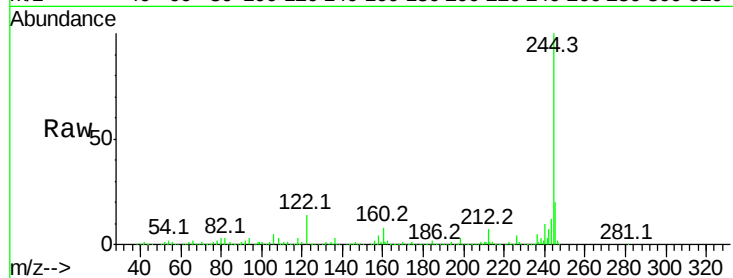
Tot Ion:244 Resp: 2569632

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: 0.075 ng

RT: 21.20 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BN000726.D

Acq: 10 Apr 2018 00:52

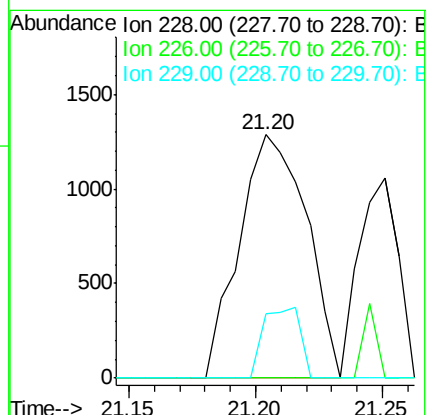
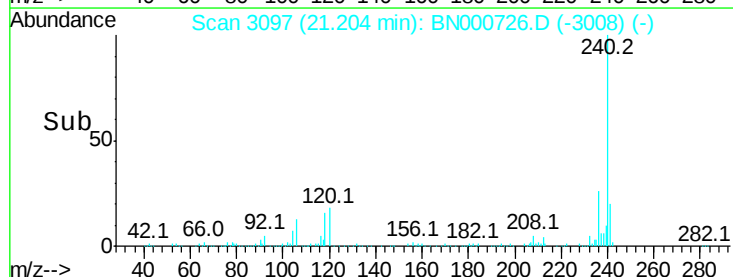
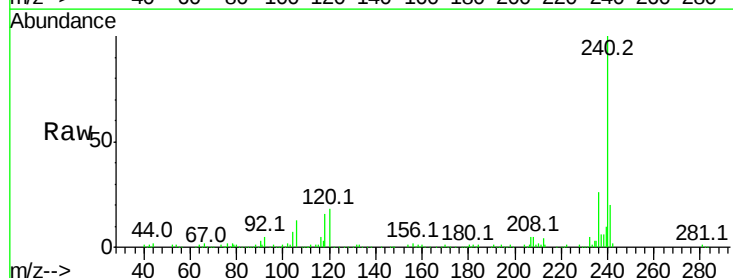
Tgt Ion:228 Resp: 2375

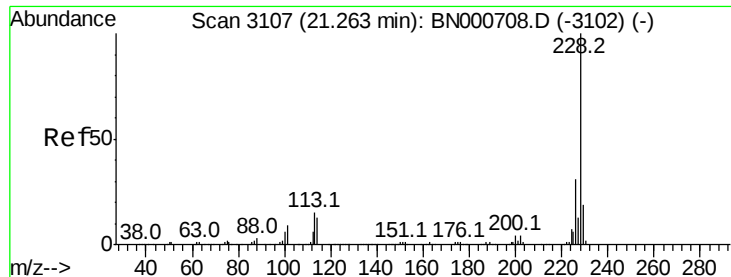
Ion Ratio Lower Upper

228 100

226 0.0 22.7 34.1#

229 26.4 16.2 24.2#





#82

Chrysene

Concen: 0.037 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BN000726.D

Acq: 10 Apr 2018 00:52

Instrument :

BNA_N

ClientSampleId :

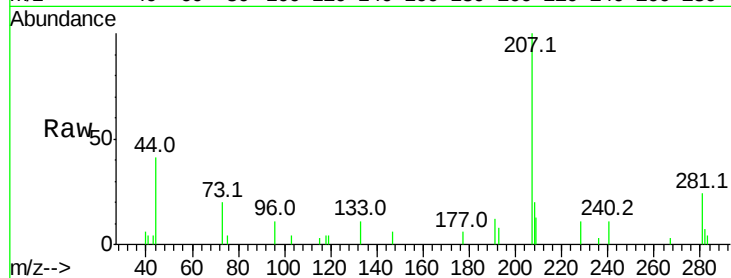
Tot Ion:228 Resp: 1136

Ion Ratio Lower Upper

228 100

226 0.0 24.9 37.3#

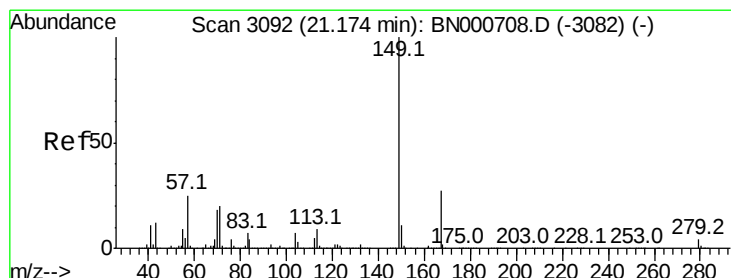
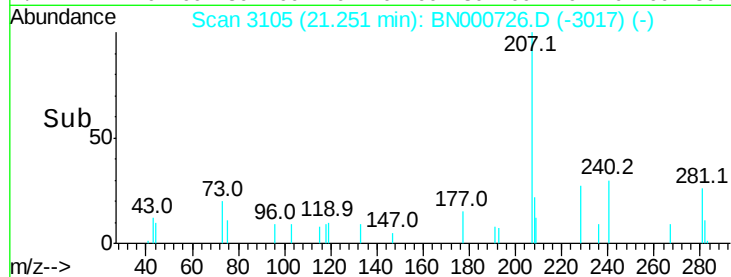
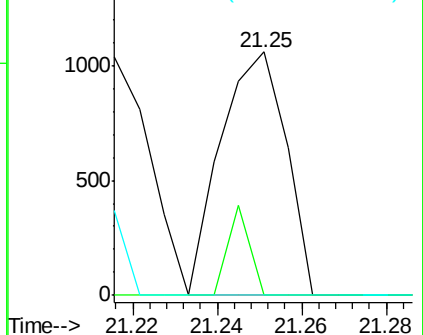
229 0.0 15.0 22.4#



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: 0.049 ng

RT: 21.16 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BN000726.D

Acq: 10 Apr 2018 00:52

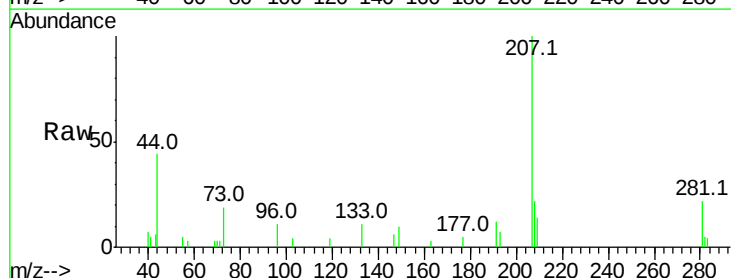
Tgt Ion:149 Resp: 1115

Ion Ratio Lower Upper

149 100

167 0.0 24.3 36.5#

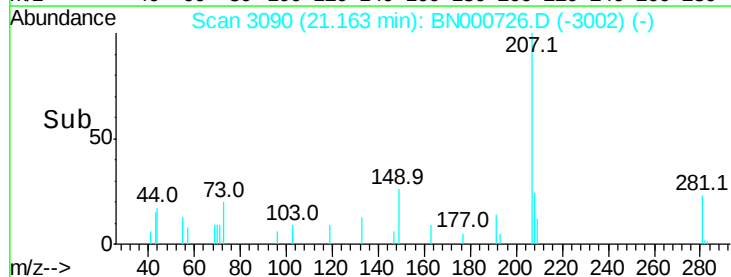
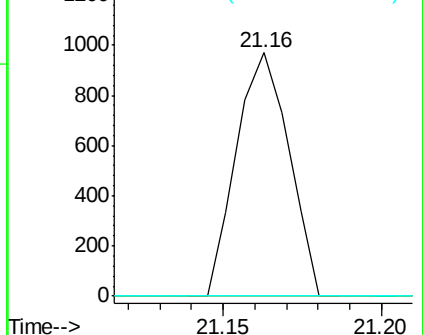
279 0.0 4.0 6.0#

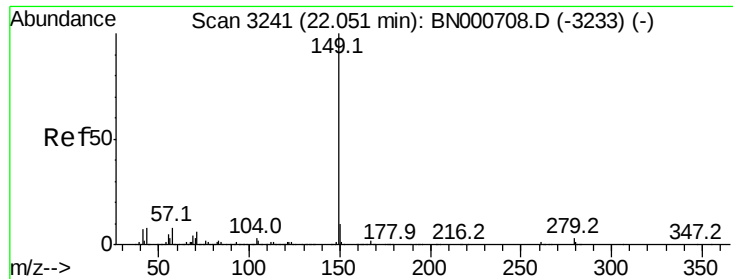


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

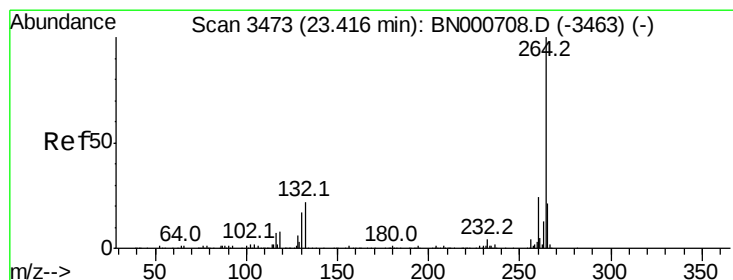
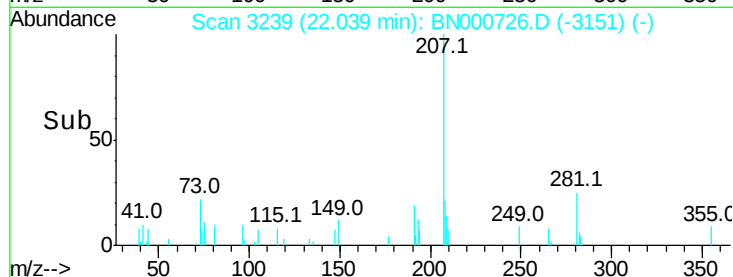
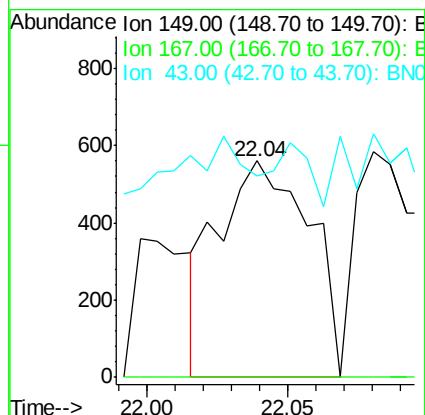
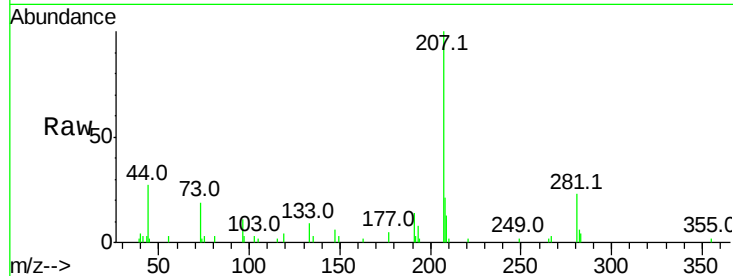




#84
Di-n-octyl phthalate
Concen: 0.039 ng
RT: 22.04 min Scan# 3239
Delta R.T. -0.01 min
Lab File: BN000726.D
Acq: 10 Apr 2018 00:52

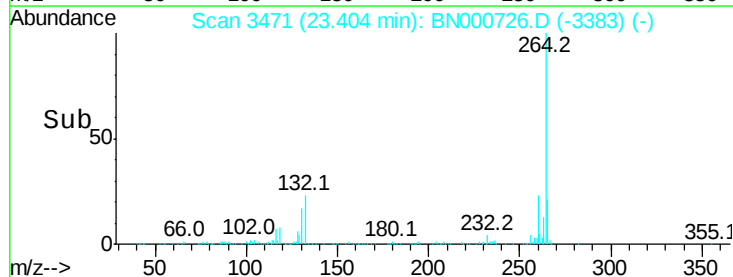
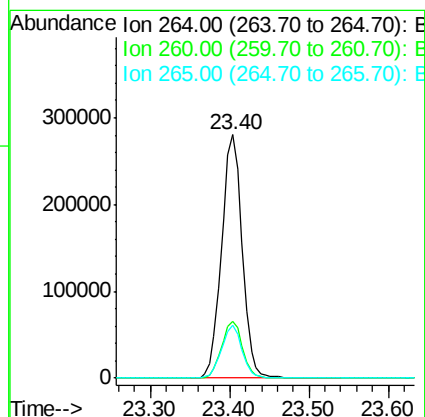
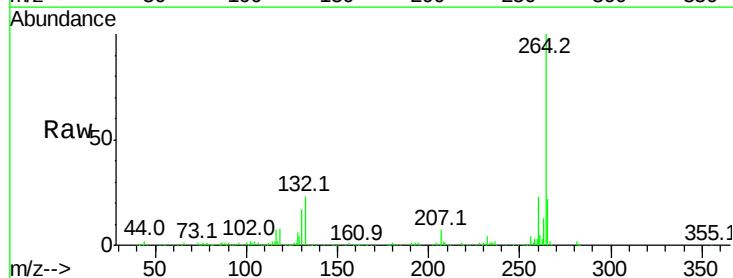
Instrument :
BNA_N
ClientSampled :

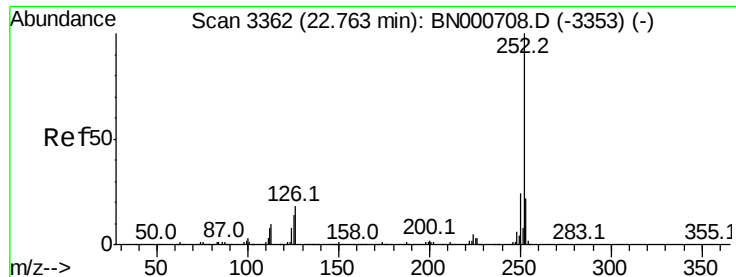
Tot Ion:149 Resp: 1257
Ion Ratio Lower Upper
149 100
167 0.0 1.4 2.0#
43 0.0 8.9 13.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.40 min Scan# 3471
Delta R.T. -0.01 min
Lab File: BN000726.D
Acq: 10 Apr 2018 00:52

Tgt Ion:264 Resp: 504946
Ion Ratio Lower Upper
264 100
260 23.3 17.4 26.0
265 21.7 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 0.028 ng

RT: 22.75 min Scan# 3360

Delta R.T. -0.01 min

Lab File: BN000726.D

Acq: 10 Apr 2018 00:52

Instrument :

BNA_N

ClientSampled :

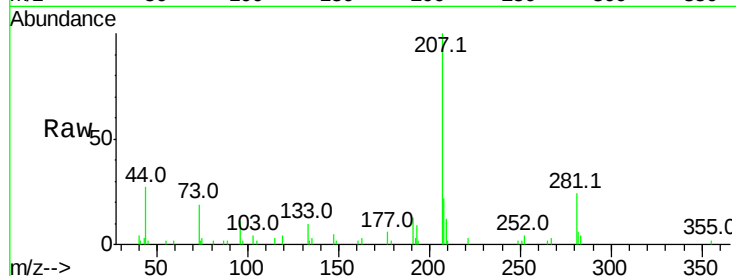
Tot Ion:252 Resp: 872

Ion Ratio Lower Upper

252 100

253 0.0 18.2 27.4#

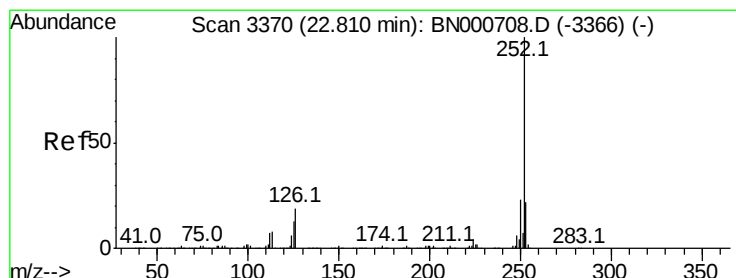
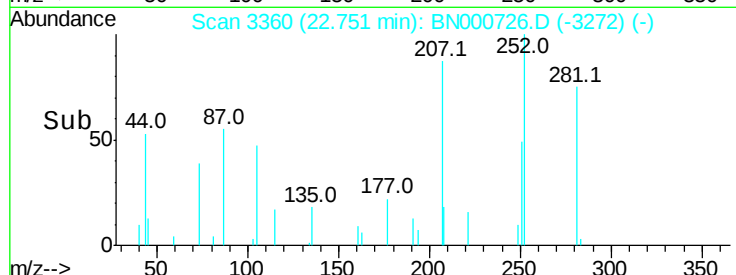
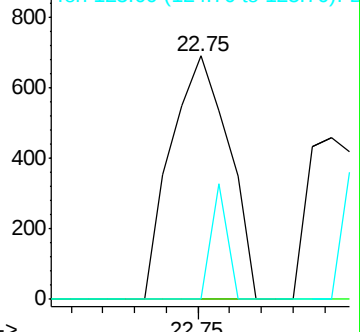
125 0.0 7.2 10.8#



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: 0.019 ng

RT: 22.79 min Scan# 3367

Delta R.T. -0.02 min

Lab File: BN000726.D

Acq: 10 Apr 2018 00:52

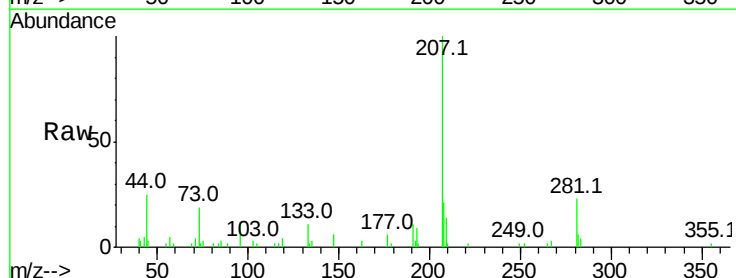
Tgt Ion:252 Resp: 600

Ion Ratio Lower Upper

252 100

253 0.0 17.4 26.2#

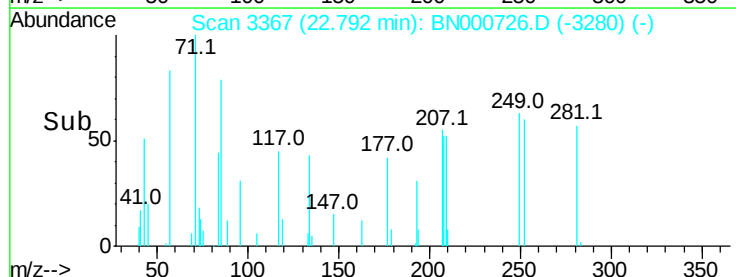
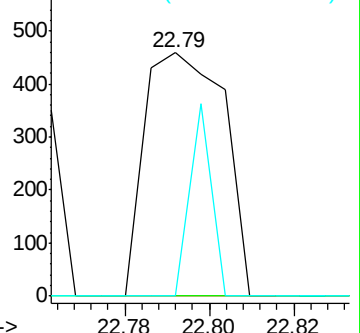
125 0.0 6.6 9.8#

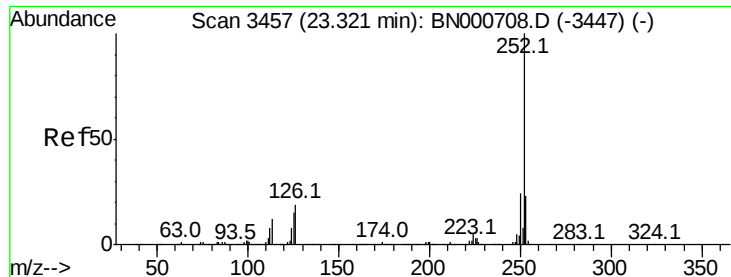


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 0.014 ng

RT: 23.30 min Scan# 3454

Delta R.T. -0.02 min

Lab File: BN000726.D

Acq: 10 Apr 2018 00:52

Instrument :

BNA_N

ClientSampleId :

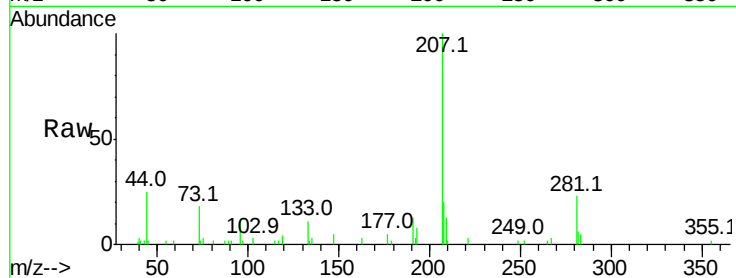
Tot Ion:252 Resp: 382

Ion Ratio Lower Upper

252 100

253 0.0 18.3 27.5#

125 0.0 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

