

Data Path : Z:\HPCHEM1\BNA N\DATA\BN040918\
 Data File : BN000728.D
 Acq On : 10 Apr 2018 02:01
 Operator : JU/SJ
 Sample : J2292-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 10 04:37:57 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	145820	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	609949	20.00	ng	0.00
38) Acenaphthene-d10	14.26	164	306017	20.00	ng	0.00
63) Phenanthrene-d10	17.01	188	594606	20.00	ng	0.00
75) Chrysene-d12	21.22	240	494151	20.00	ng	0.00
86) Perylene-d12	23.40	264	490990	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	351047	35.55	ng	0.00
7) Phenol-d6	6.81	99	270231	20.10	ng	0.00
23) Nitrobenzene-d5	8.78	82	1121672	97.31	ng	0.00
41) 2,4,6-Tribromophenol	15.75	330	274101	91.10	ng	-0.01
44) 2-Fluorobiphenyl	12.89	172	2189627	98.62	ng	0.00
78) Terphenyl-d14	19.66	244	2290126	101.23	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.19	88	113	0.025	ng	# 27
4) n-Nitrosodimethylamine	3.38	42	494	0.149	ng	# 1
6) Aniline	7.17	93	1053	0.059	ng	# 1
9) Benzaldehyde	6.80	77	117	0.017	ng	# 5
10) Phenol	6.83	94	14136	0.989	ng	# 89
11) bis(2-Chloroethyl)ether	7.17	93	1053	0.090	ng	# 1
15) Benzyl Alcohol	7.95	79	19504	2.130	ng	# 36
19) n-Nitroso-di-n-propylamine	8.78	70	140739	16.748	ng	# 67
24) Nitrobenzene	8.78	77	3205	0.256	ng	# 44
25) Isophorone	8.90	82	121	0.006	ng	# 69
31) Naphthalene	10.45	128	277	0.008	ng	# 68
45) 1,1'-Biphenyl	13.09	154	5014	0.183	ng	# 90
47) 2-Nitroaniline	13.73	65	450	0.077	ng	# 1
49) Dimethylphthalate	13.73	163	57159	2.346	ng	# 97
50) 2,6-Dinitrotoluene	14.26	165	39671	7.865	ng	# 21
51) Acenaphthene	14.27	154	1169	0.058	ng	# 5
56) 2,4-Dinitrotoluene	14.26	165	39671	6.057	ng	# 18
57) Fluorene	15.75	166	16261	0.712	ng	# 93
59) Diethylphthalate	15.10	149	1388	0.058	ng	# 58
62) Azobenzene	15.75	77	2149	0.081	ng	# 11
64) 4,6-Dinitro-2-methylphenol	15.75	198	746	0.211	ng	# 1
65) n-Nitrosodiphenylamine	15.75	169	10921	0.550	ng	# 42
66) 4-Bromophenyl-phenylether	15.75	248	19307	3.247	ng	# 1
70) Phenanthrene	17.05	178	276	0.008	ng	# 60
71) Anthracene	17.05	178	276	0.008	ng	# 59
73) Di-n-butylphthalate	18.00	149	1254	0.034	ng	# 78
74) Fluoranthene	19.07	202	108	0.003	ng	# 65
76) Benzdine	19.66	184	34903	2.584	ng	# 91
77) Pyrene	19.66	202	8244	0.233	ng	# 63
80) Benzo(a)anthracene	21.21	228	1202	0.039	ng	# 50
82) Chrysene	21.25	228	112	0.004	ng	# 49
83) Bis(2-ethylhexyl)phthalate	21.16	149	2272	0.102	ng	# 93
84) Di-n-octyl phthalate	22.04	149	496	0.016	ng	# 9
89) Benzo(a)pyrene	23.41	252	1682	0.062	ng	# 45

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

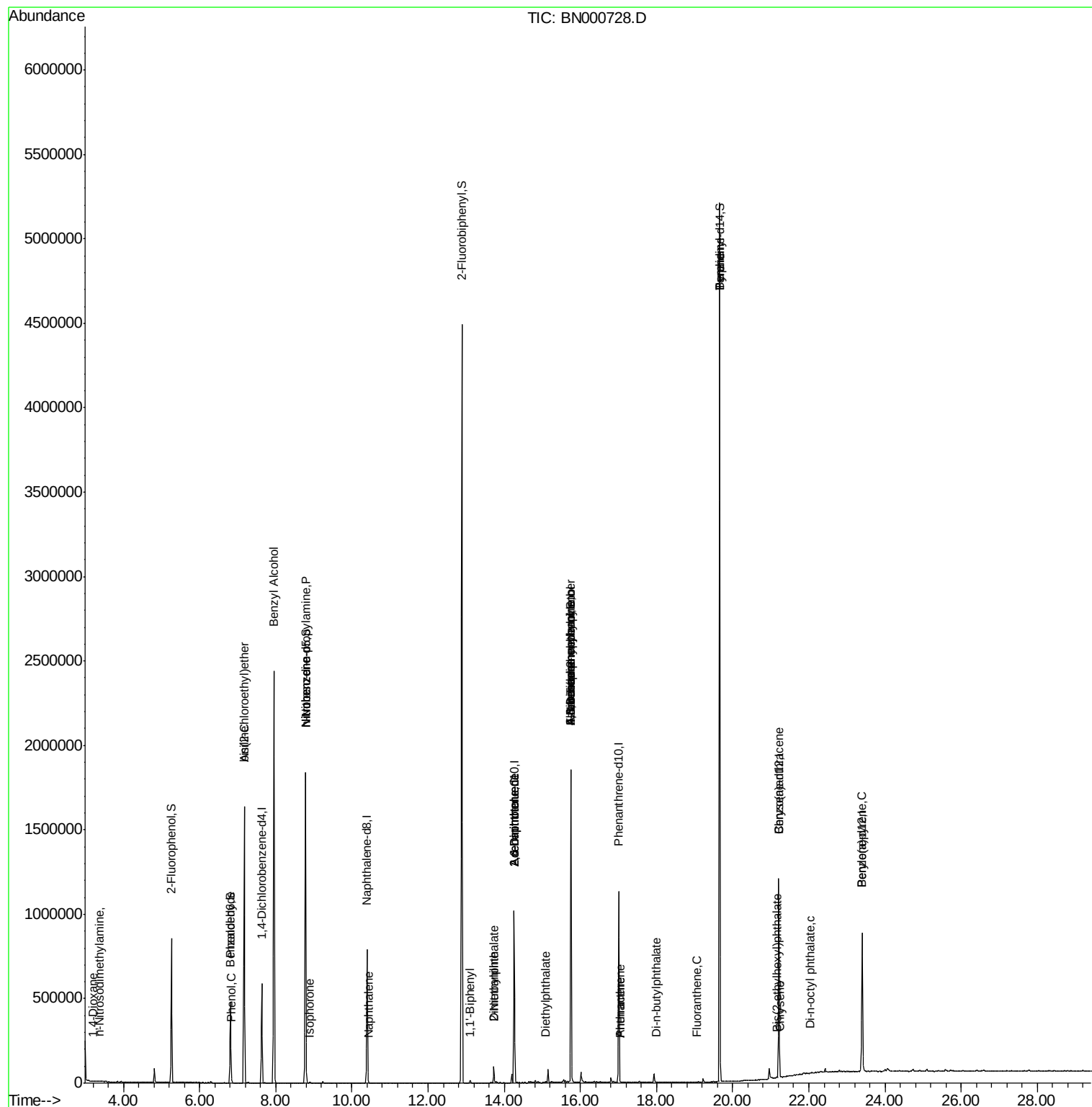
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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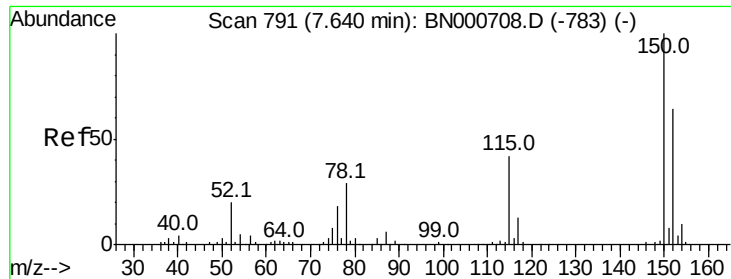
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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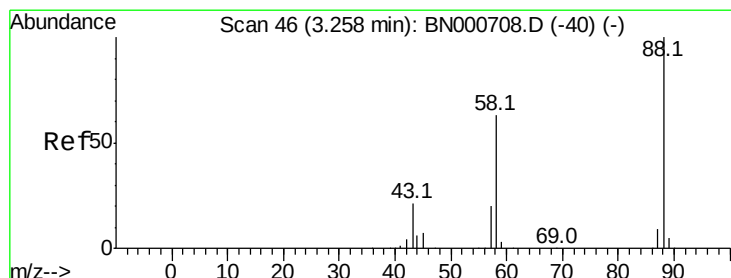
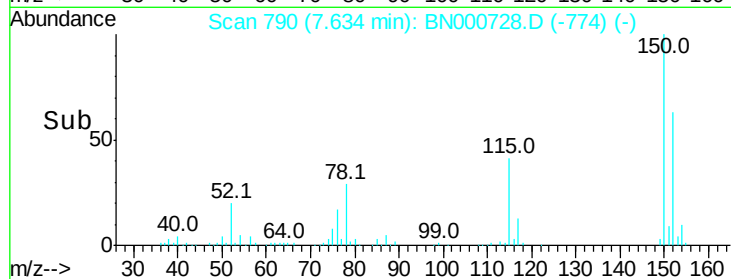
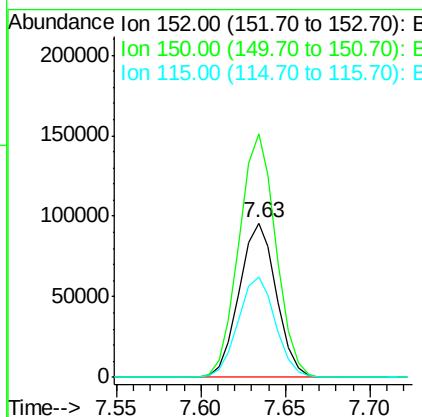
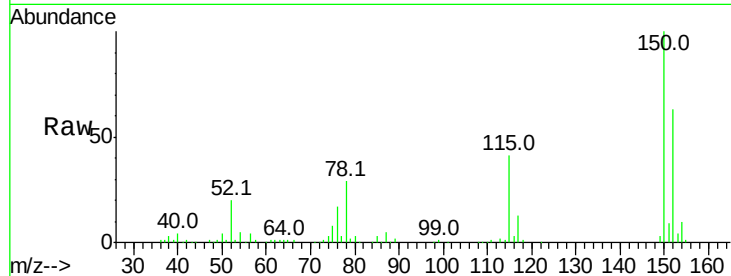


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 790
Delta R.T. -0.01 min
Lab File: BN000728.D
Acq: 10 Apr 2018 02:01

Instrument :
BNA_N
ClientSampleId :

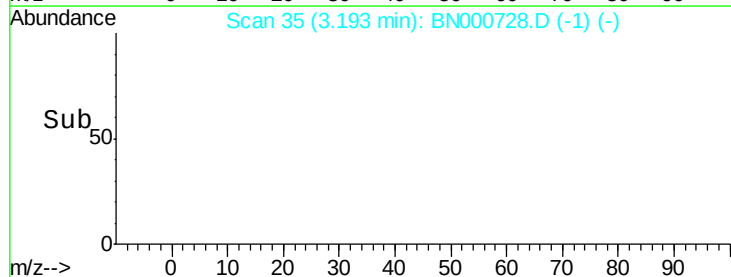
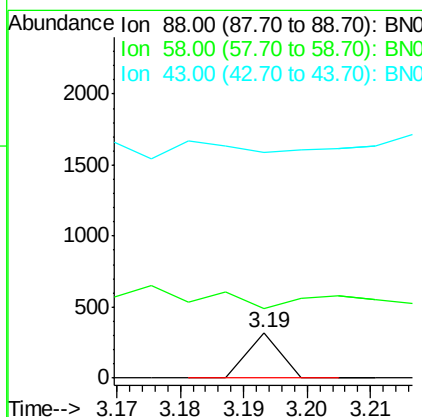
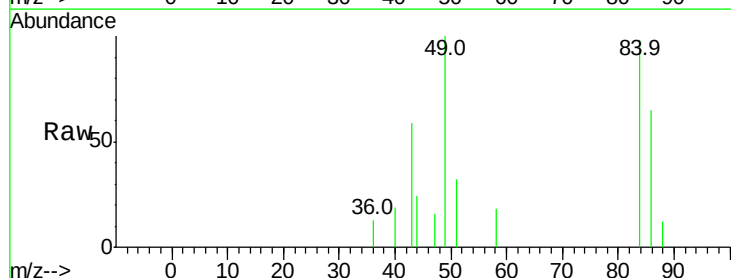
Tot Ion:152 Resp: 145820
Ion Ratio Lower Upper
152 100
150 158.0 126.6 189.8
115 65.1 53.0 79.4

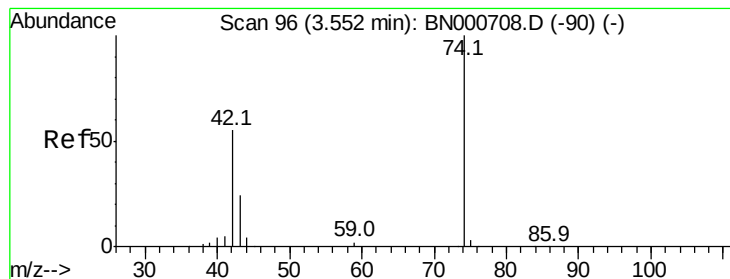


#2

1,4-Dioxane
Concen: 0.025 ng
RT: 3.19 min Scan# 35
Delta R.T. -0.06 min
Lab File: BN000728.D
Acq: 10 Apr 2018 02:01

Tgt Ion: 88 Resp: 113
Ion Ratio Lower Upper
88 100
58 0.0 52.0 78.0#
43 0.0 20.0 30.0#





#4

n-Nitrosodimethylamine

Concen: 0.149 ng

RT: 3.38 min Scan# 67

Delta R.T. -0.17 min

Lab File: BN000728.D

Acq: 10 Apr 2018 02:01

Instrument :

BNA_N

ClientSampleId :

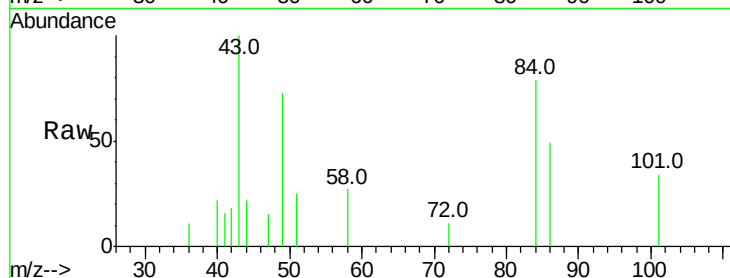
Tot Ion: 42 Resp: 494

Ion Ratio Lower Upper

42 100

74 0.0 128.0 192.0#

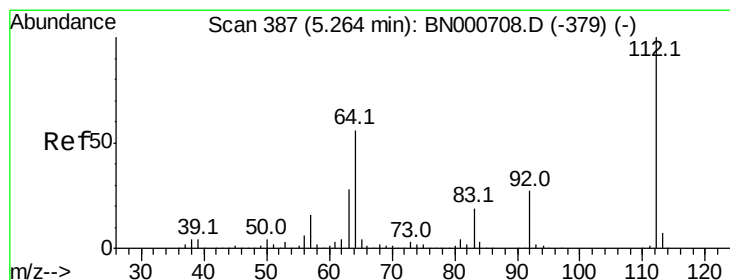
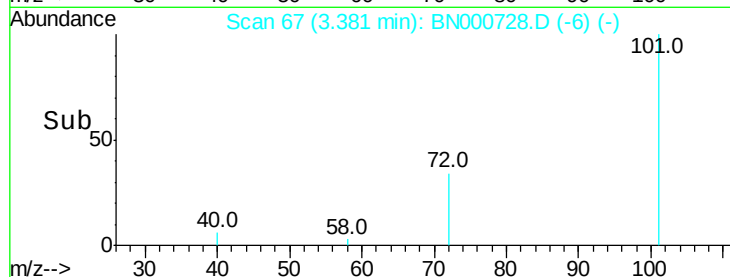
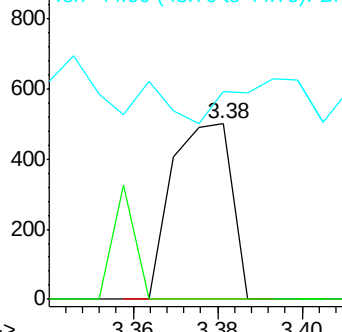
44 118.2 12.0 18.0#



Abundance Ion 42.00 (41.70 to 42.70): BN0

Ion 74.00 (73.70 to 74.70): BN0

Ion 44.00 (43.70 to 44.70): BN0



#5

2-Fluorophenol

Concen: 35.546 ng

RT: 5.26 min Scan# 386

Delta R.T. -0.01 min

Lab File: BN000728.D

Acq: 10 Apr 2018 02:01

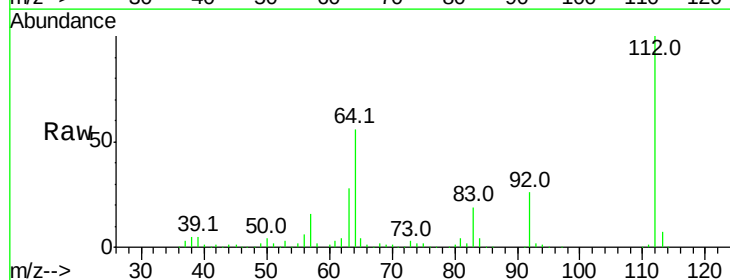
Tgt Ion: 112 Resp: 351047

Ion Ratio Lower Upper

112 100

64 55.8 56.3 84.5#

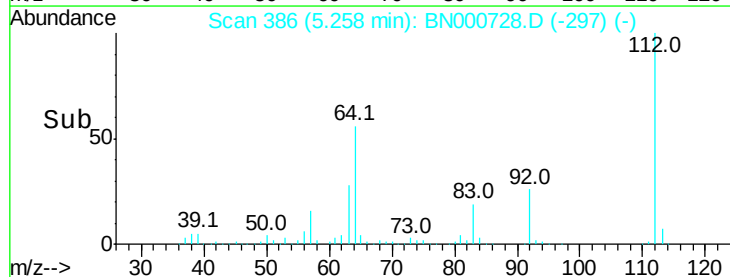
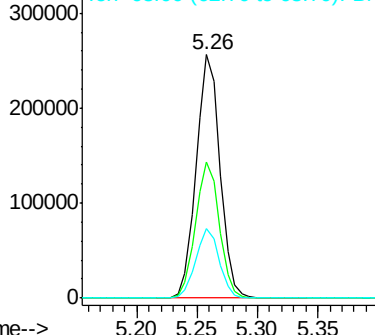
63 28.4 30.1 45.1#

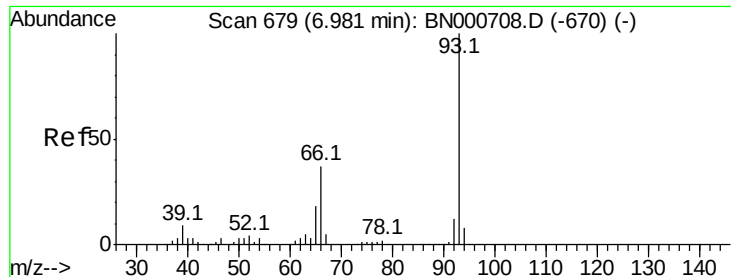


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0





#6

Aniline

Concen: 0.059 ng

RT: 7.17 min Scan# 711

Delta R.T. 0.19 min

Lab File: BN000728.D

Acq: 10 Apr 2018 02:01

Instrument :

BNA_N

ClientSampled :

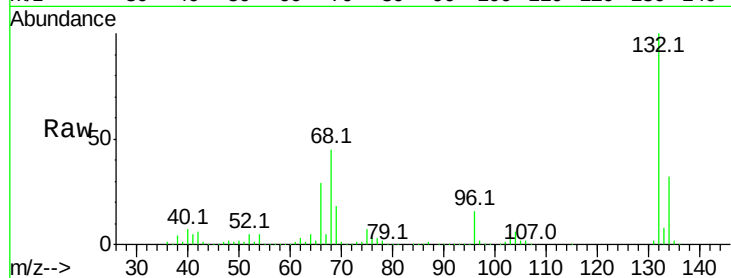
Tot Ion: 93 Resp: 1053

Ion Ratio Lower Upper

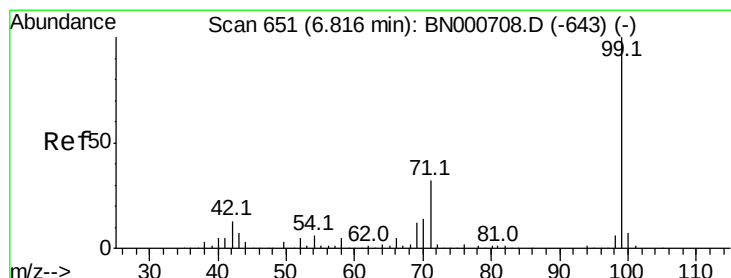
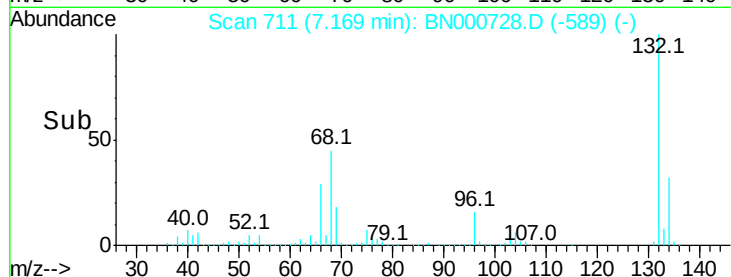
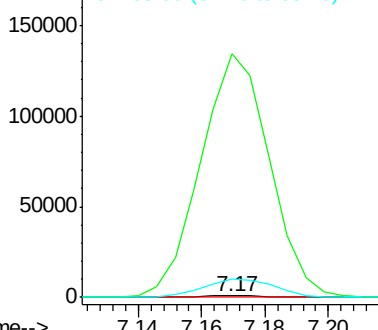
93 100

66 17347.8 33.7 50.5#

65 1281.0 16.1 24.1#



Abundance Ion 93.00 (92.70 to 93.70): BN0
Ion 66.00 (65.70 to 66.70): BN0
Ion 65.00 (64.70 to 65.70): BN0



#7

Phenol-d6

Concen: 20.100 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.01 min

Lab File: BN000728.D

Acq: 10 Apr 2018 02:01

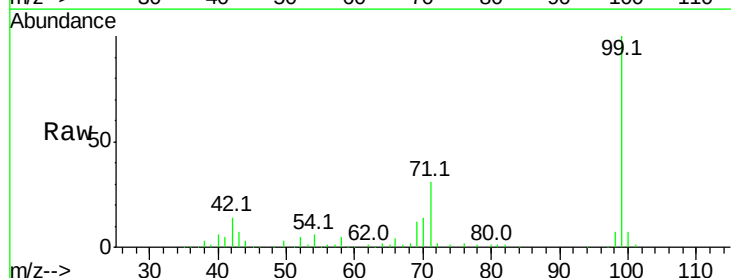
Tgt Ion: 99 Resp: 270231

Ion Ratio Lower Upper

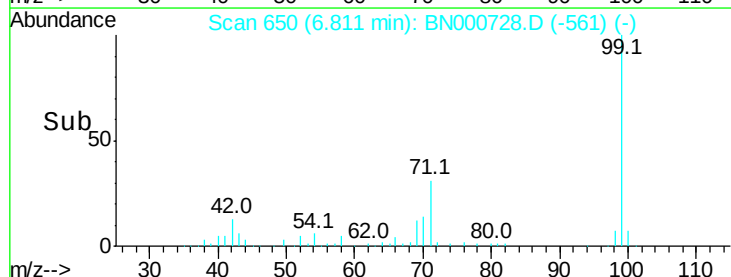
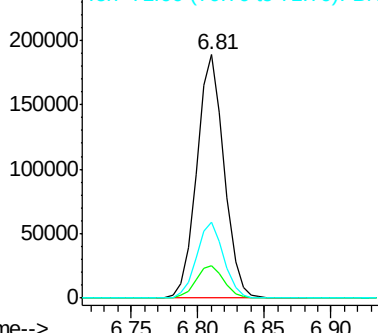
99 100

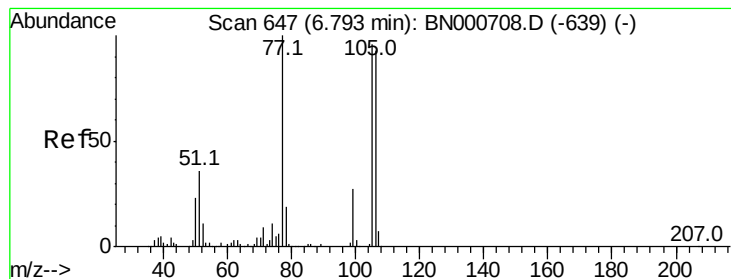
42 13.5 14.1 21.1#

71 31.1 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 71.00 (70.70 to 71.70): BN0





#9

Benzaldehyde

Concen: 0.017 ng

RT: 6.80 min Scan# 648

Delta R.T. 0.01 min

Lab File: BN000728.D

Acq: 10 Apr 2018 02:01

Instrument :

BNA_N

ClientSampleId :

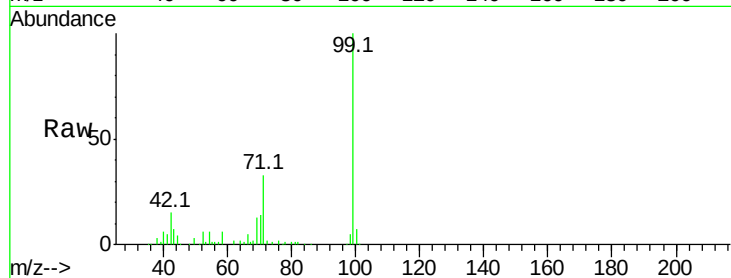
Tot Ion: 77 Resp: 117

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

6.80

400

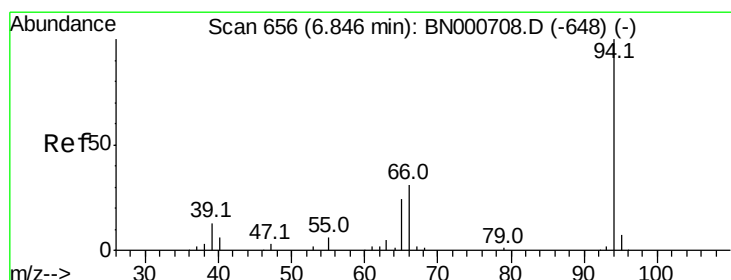
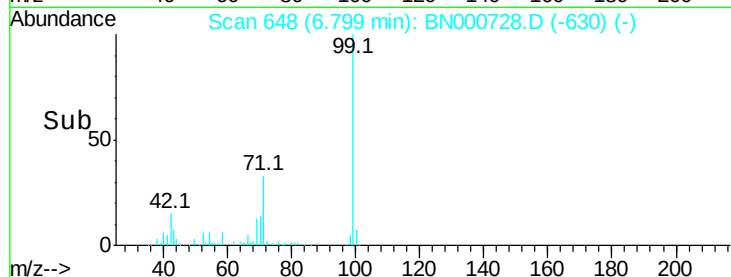
300

200

100

0

Time-->



#10

Phenol

Concen: 0.989 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.01 min

Lab File: BN000728.D

Acq: 10 Apr 2018 02:01

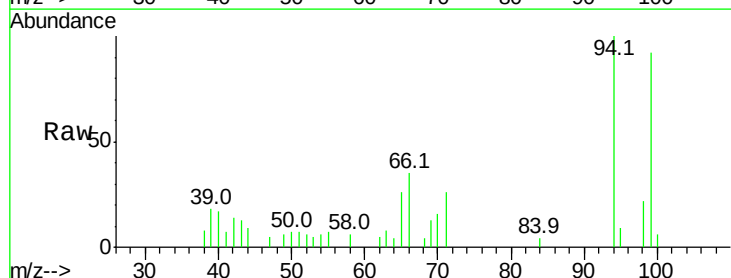
Tgt Ion: 94 Resp: 14136

Ion Ratio Lower Upper

94 100

65 25.5 11.9 51.9

66 35.5 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

6.83

12000

10000

8000

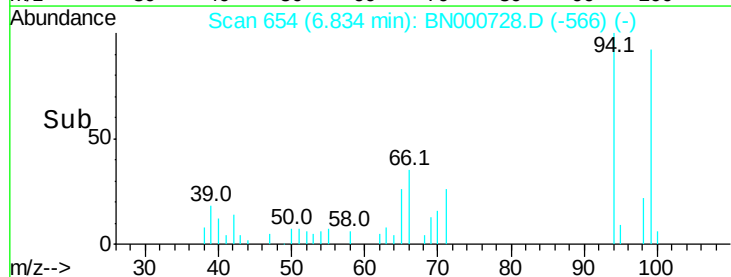
6000

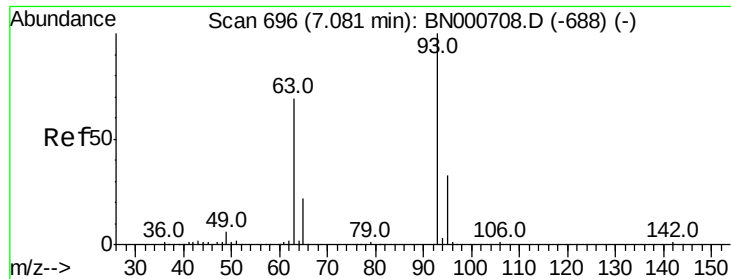
4000

2000

0

Time-->

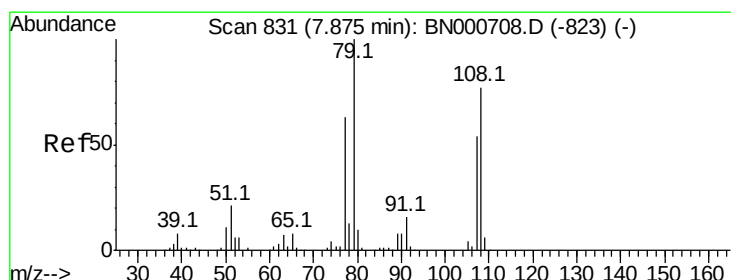
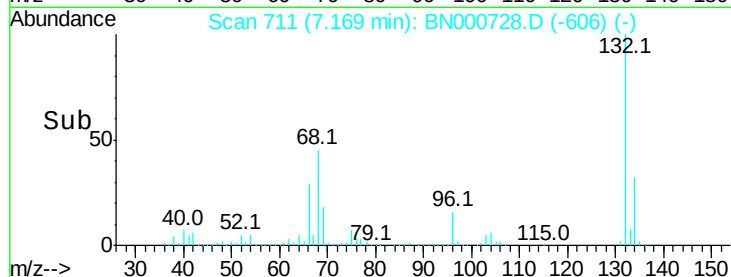
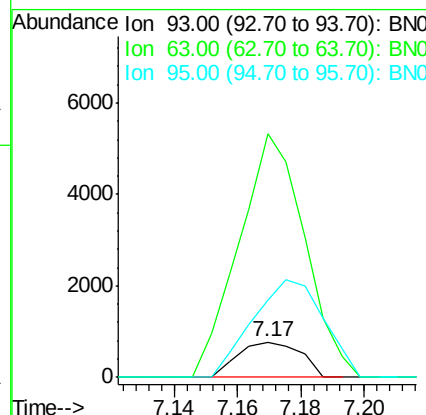
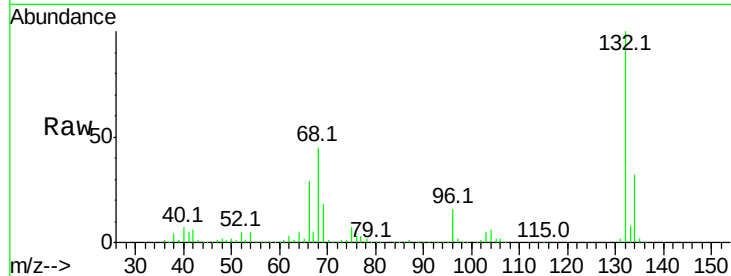




#11
 bis(2-Chloroethyl)ether
 Concen: 0.090 ng
 RT: 7.17 min Scan# 711
 Delta R.T. 0.09 min
 Lab File: BN000728.D
 Acq: 10 Apr 2018 02:01

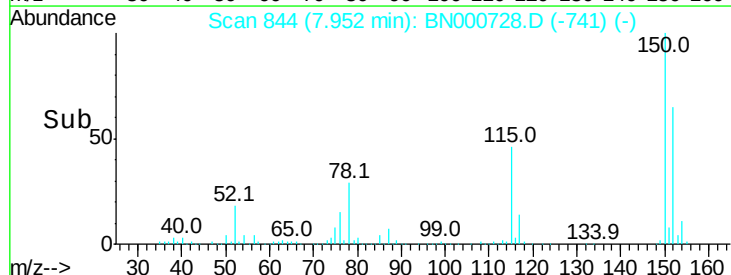
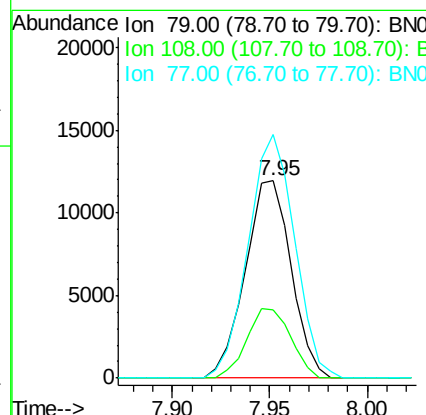
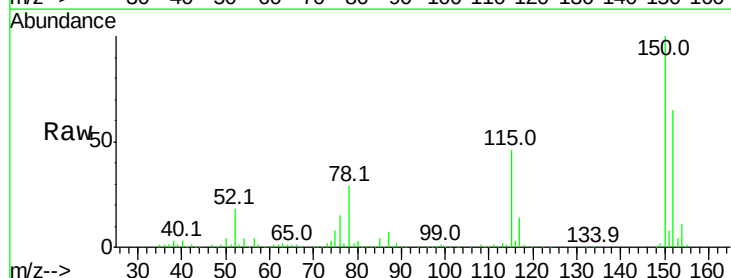
Instrument :
 BNA_N
 ClientSampleId :

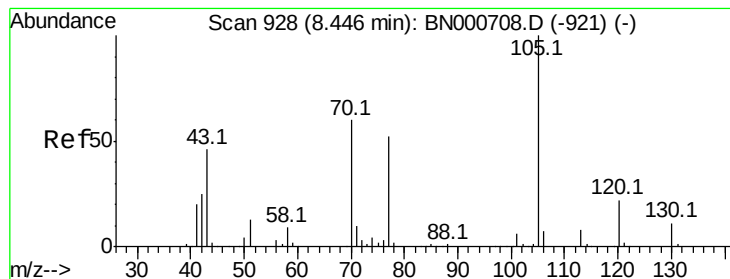
Tot Ion: 93 Resp: 1053
 Ion Ratio Lower Upper
 93 100
 63 688.1 67.1 107.1#
 95 219.8 11.5 51.5#



#15
 Benzyl Alcohol
 Concen: 2.130 ng
 RT: 7.95 min Scan# 844
 Delta R.T. 0.08 min
 Lab File: BN000728.D
 Acq: 10 Apr 2018 02:01

Tgt Ion: 79 Resp: 19504
 Ion Ratio Lower Upper
 79 100
 108 34.9 57.2 85.8#
 77 123.5 46.1 69.1#





#19

n-Nitroso-di-n-propylamine

Concen: 16.748 ng

RT: 8.78 min Scan# 985

Delta R.T. 0.34 min

Lab File: BN000728.D

Acq: 10 Apr 2018 02:01

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 70 Resp: 140739

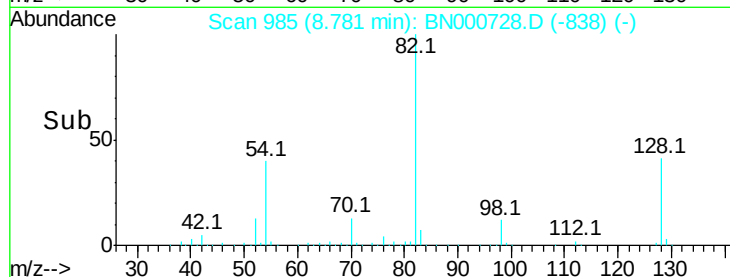
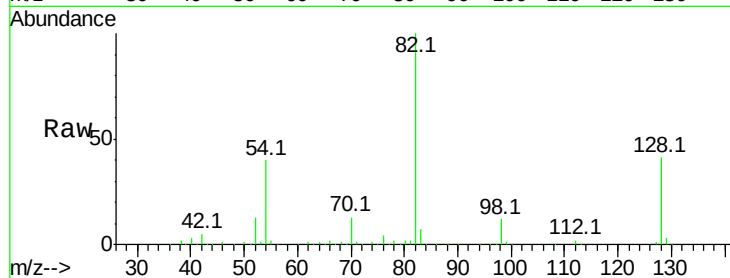
Ion Ratio Lower Upper

70 100

42 36.3 49.1 73.7#

101 0.0 8.5 12.7#

130 2.0 13.4 20.0#

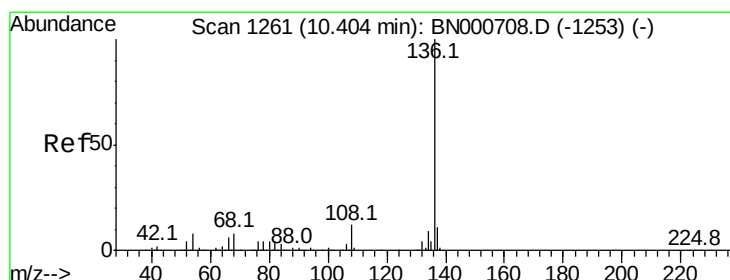
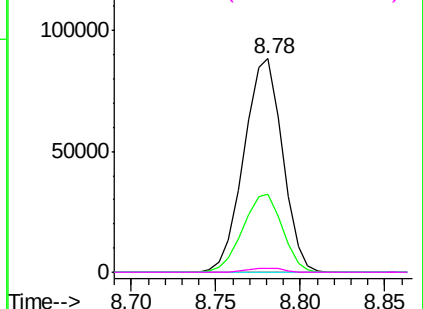


Abundance Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.40 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BN000728.D

Acq: 10 Apr 2018 02:01

Tgt Ion:136 Resp: 609949

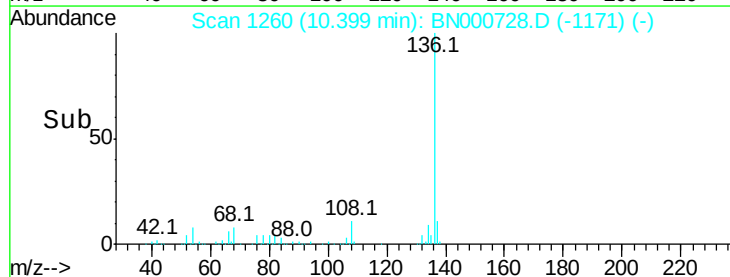
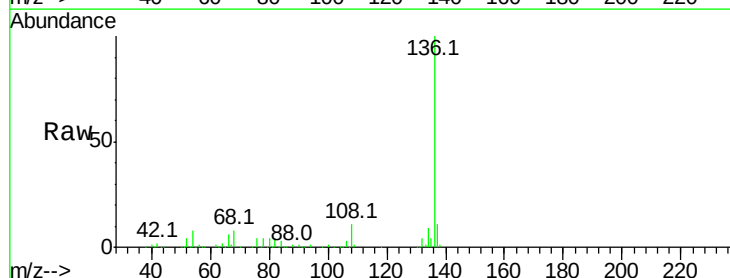
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 7.8 10.3 15.5#

68 7.8 4.5 6.7#

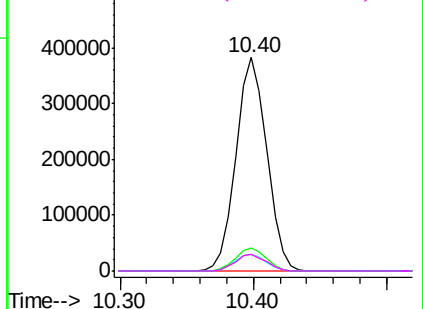


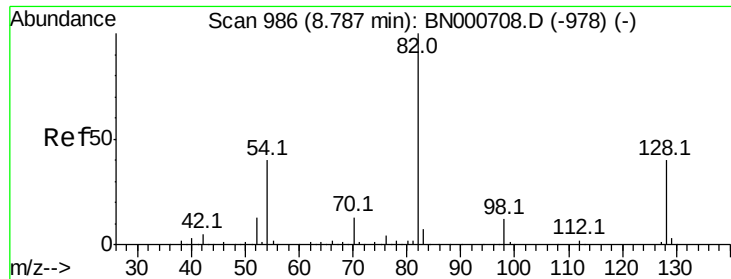
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BN0

Ion 68.00 (67.70 to 68.70): BN0

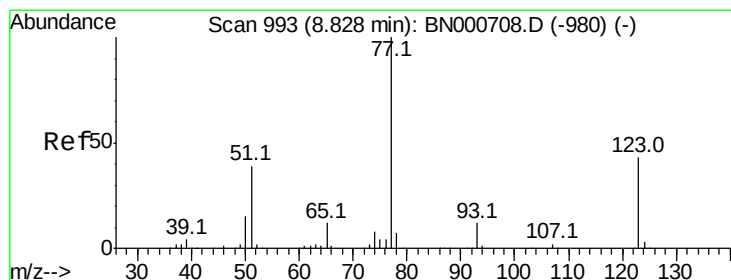
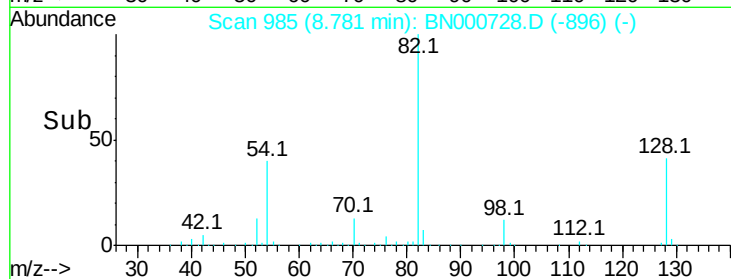
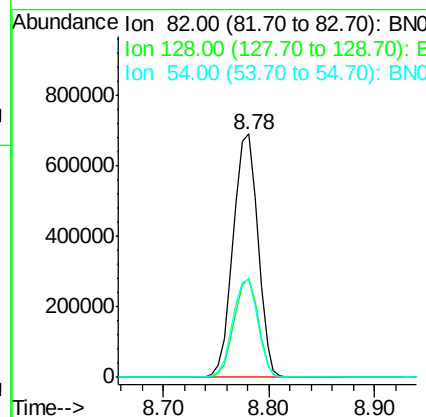
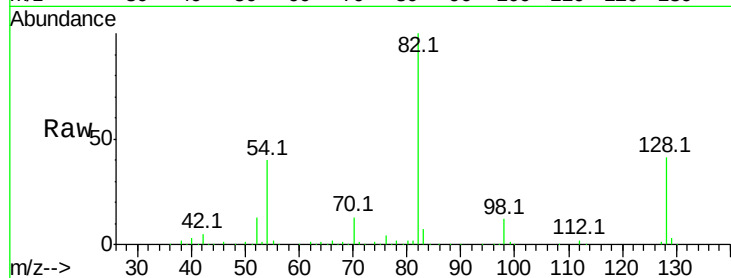




#23
 Nitrobenzene-d5
 Concen: 97.314 ng
 RT: 8.78 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BN000728.D
 Acq: 10 Apr 2018 02:01

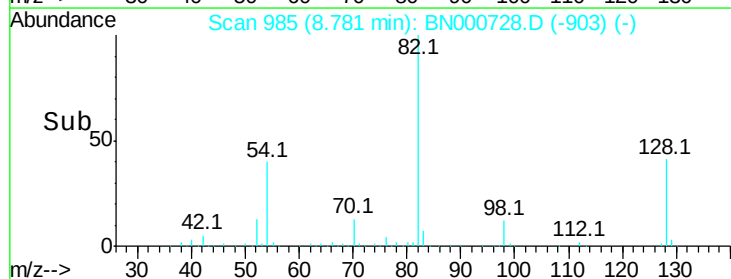
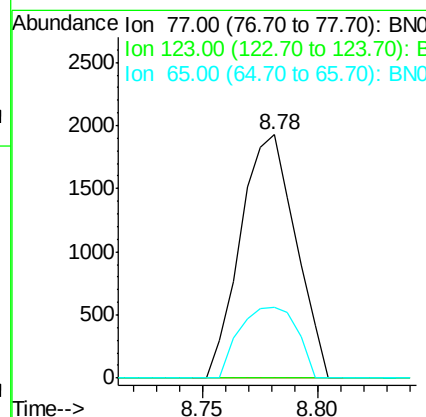
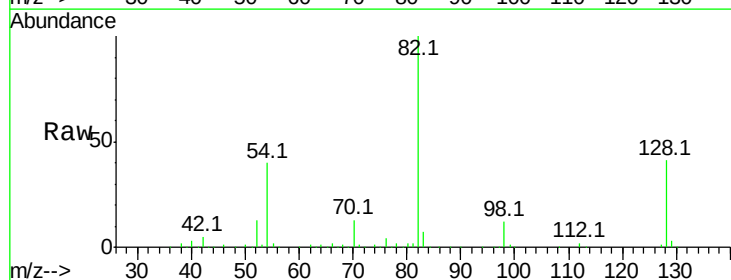
Instrument :
 BNA_N
 ClientSampleId :

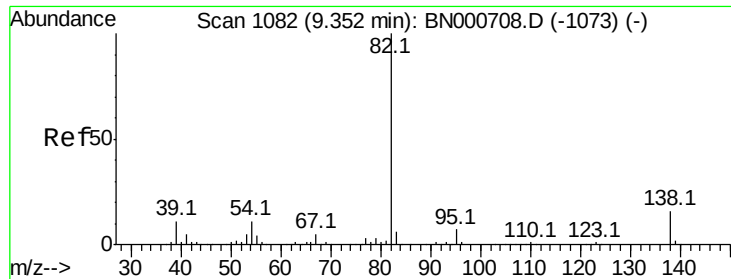
Tot Ion: 82 Resp: 1121672
 Ion Ratio Lower Upper
 82 100
 128 40.7 29.7 44.5
 54 40.0 43.1 64.7#



#24
 Nitrobenzene
 Concen: 0.256 ng
 RT: 8.78 min Scan# 985
 Delta R.T. -0.05 min
 Lab File: BN000728.D
 Acq: 10 Apr 2018 02:01

Tgt Ion: 77 Resp: 3205
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.0 49.6#
 65 29.2 13.0 19.6#





#25

Isophorone

Concen: 0.006 ng

RT: 8.90 min Scan# 1006

Delta R.T. -0.45 min

Lab File: BN000728.D

Acq: 10 Apr 2018 02:01

Instrument :

BNA_N

ClientSampled :

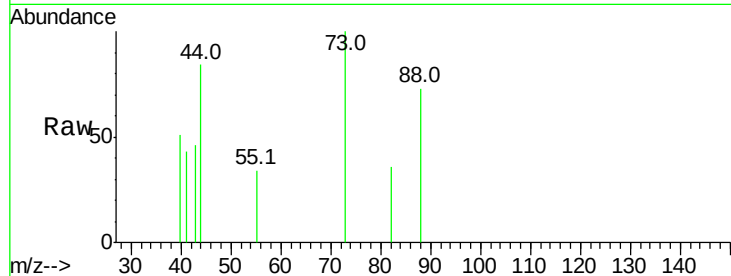
Tot Ion: 82 Resp: 121

Ion Ratio Lower Upper

82 100

95 0.0 6.2 9.2#

138 0.0 12.1 18.1#



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

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

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

8.90

400

300

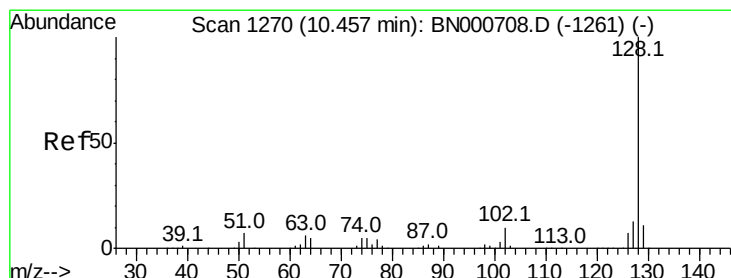
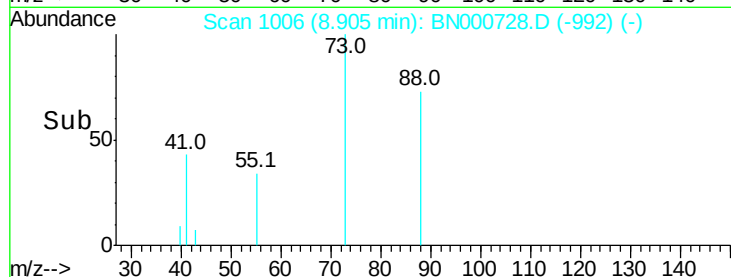
200

100

0

8.89 8.90 8.91 8.92

Time-->



#31

Naphthalene

Concen: 0.008 ng

RT: 10.45 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BN000728.D

Acq: 10 Apr 2018 02:01

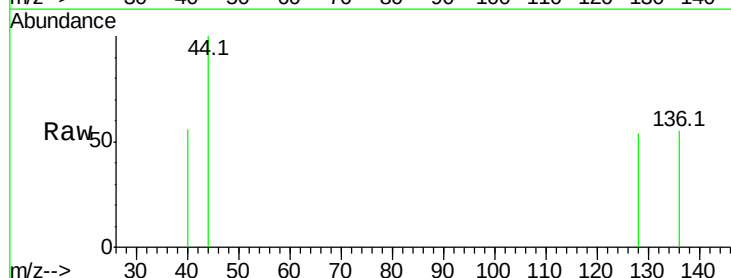
Tgt Ion: 128 Resp: 277

Ion Ratio Lower Upper

128 100

129 0.0 8.6 12.8#

127 0.0 11.6 17.4#



Abundance Ion 128.00 (127.70 to 128.70): BN000708.D (-1261) (-)

Ion 129.00 (128.70 to 129.70): BN000708.D (-1261) (-)

Ion 127.00 (126.70 to 127.70): BN000708.D (-1261) (-)

10.45

600

500

400

300

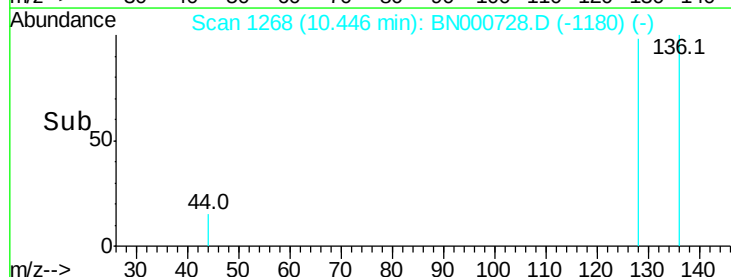
200

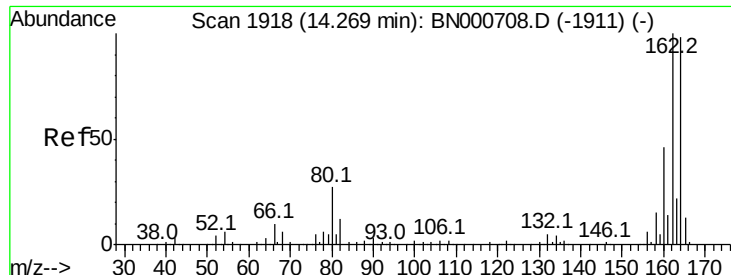
100

0

10.42 10.44 10.46

Time-->





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.26 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BN000728.D

Acq: 10 Apr 2018 02:01

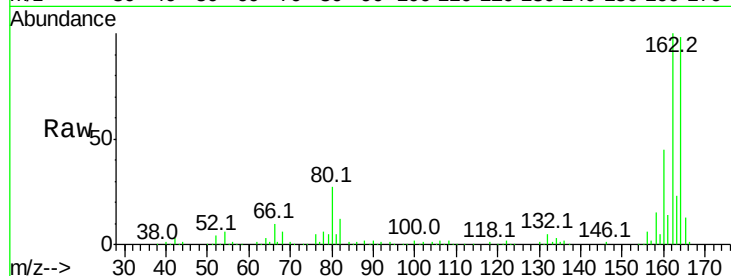
Instrument :

BNA_N

ClientSampleId :

Tot Ion:164 Resp: 306017

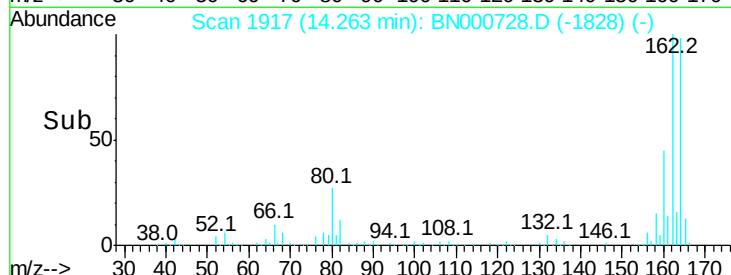
Ion	Ratio	Lower	Upper
164	100		
162	101.7	78.8	118.2
160	45.4	35.4	53.0



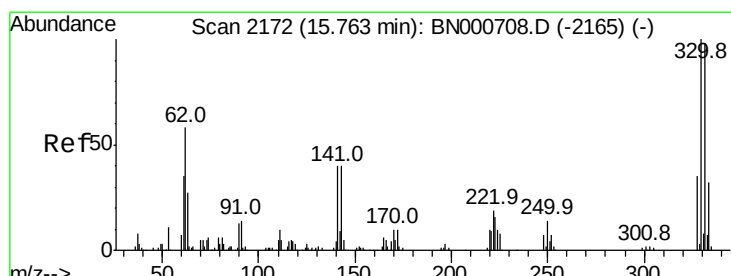
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#41

2,4,6-Tribromophenol

Concen: 91.102 ng

RT: 15.75 min Scan# 2170

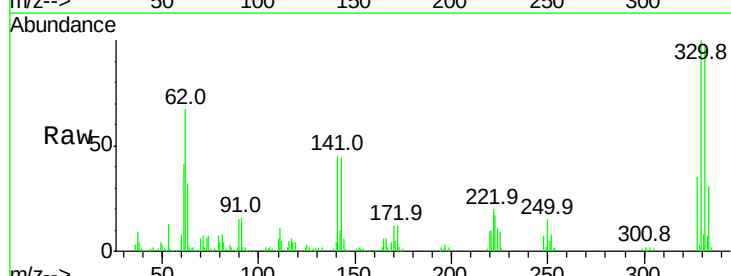
Delta R.T. -0.01 min

Lab File: BN000728.D

Acq: 10 Apr 2018 02:01

Tgt Ion:330 Resp: 274101

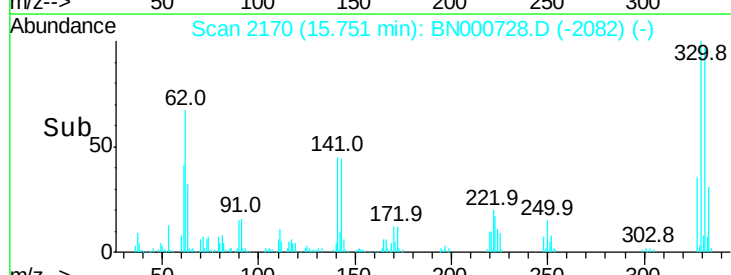
Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	44.0	25.2	37.8



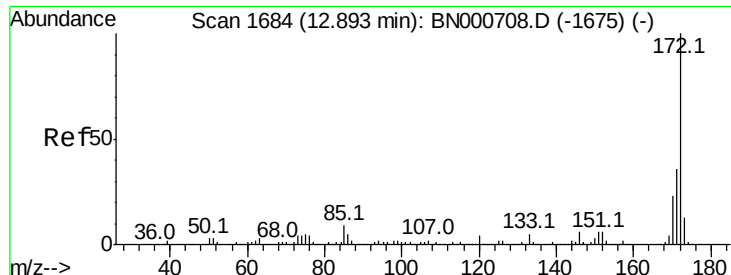
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



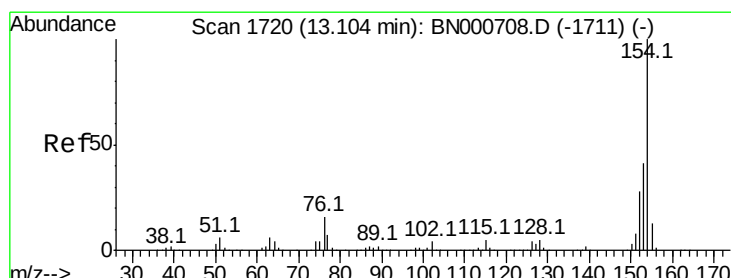
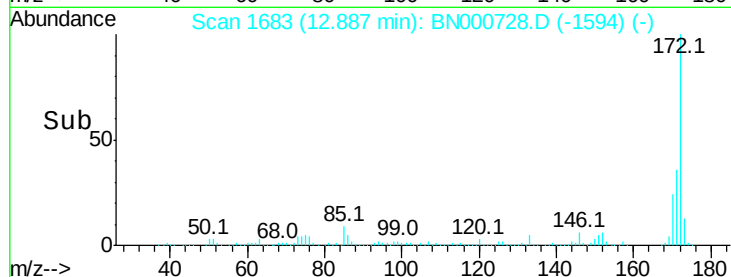
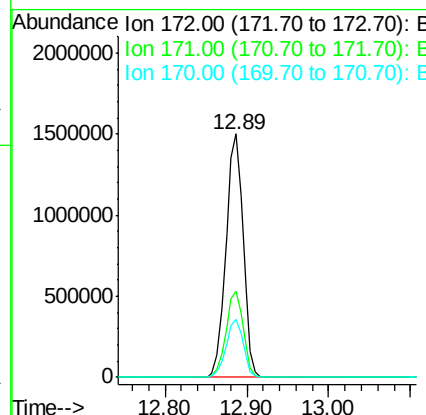
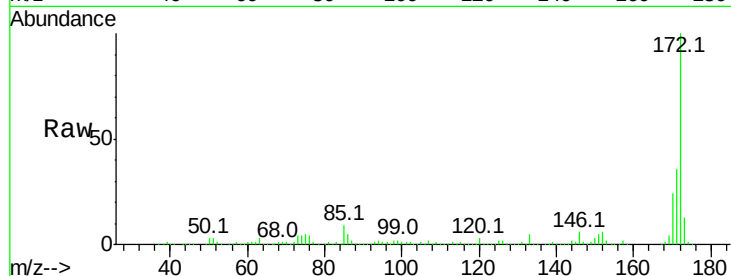
Time-->



#44
2-Fluorobiphenyl
Concen: 98.617 ng
RT: 12.89 min Scan# 1683
Delta R.T. -0.01 min
Lab File: BN000728.D
Acq: 10 Apr 2018 02:01

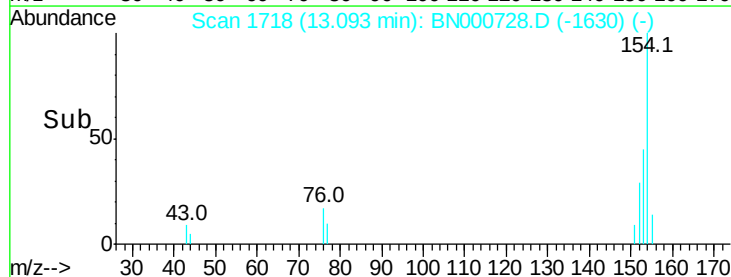
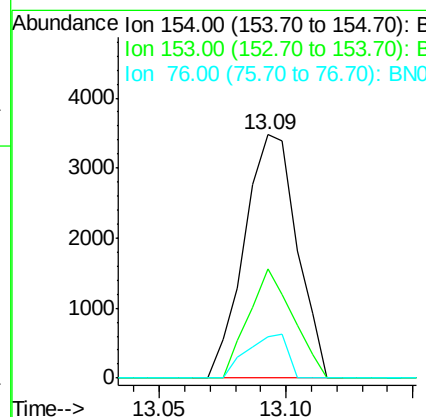
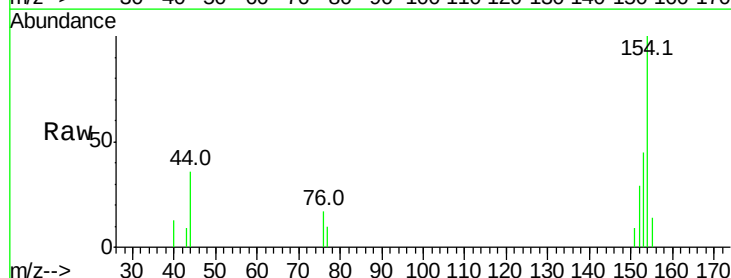
Instrument :
BNA_N
ClientSampleId :

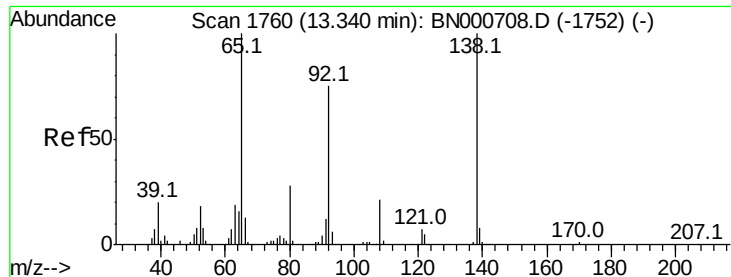
Tot Ion:172 Resp: 2189627
Ion Ratio Lower Upper
172 100
171 35.7 30.0 45.0
170 23.6 19.5 29.3



#45
1,1'-Biphenyl
Concen: 0.183 ng
RT: 13.09 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BN000728.D
Acq: 10 Apr 2018 02:01

Tgt Ion:154 Resp: 5014
Ion Ratio Lower Upper
154 100
153 45.1 19.8 59.8
76 16.8 0.0 31.9





#47

2-Nitroaniline

Concen: 0.077 ng

RT: 13.73 min Scan# 1826

Delta R.T. 0.39 min

Lab File: BN000728.D

Acq: 10 Apr 2018 02:01

Instrument :

BNA_N

ClientSampleId :

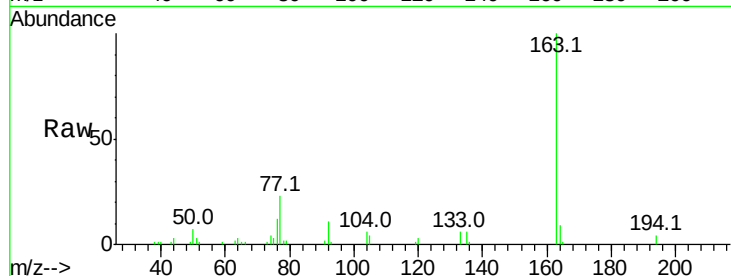
Tot Ion: 65 Resp: 450

Ion Ratio Lower Upper

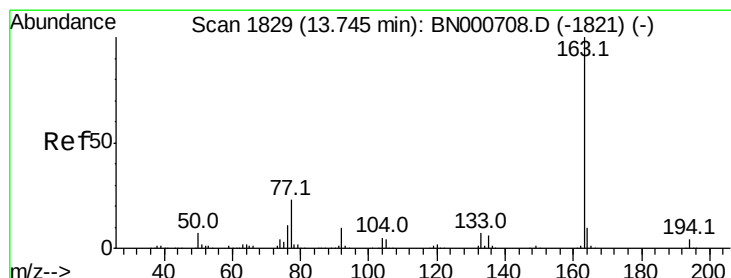
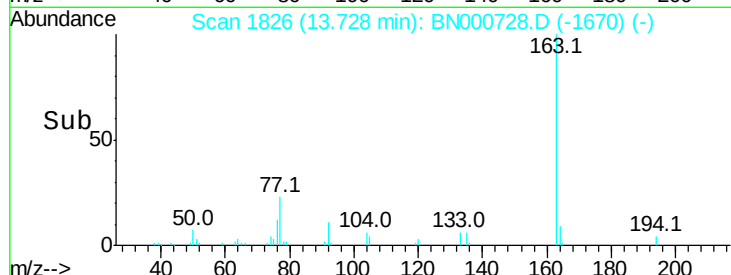
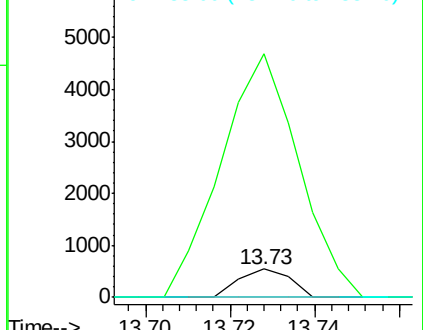
65 100

92 862.8 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: 2.346 ng

RT: 13.73 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BN000728.D

Acq: 10 Apr 2018 02:01

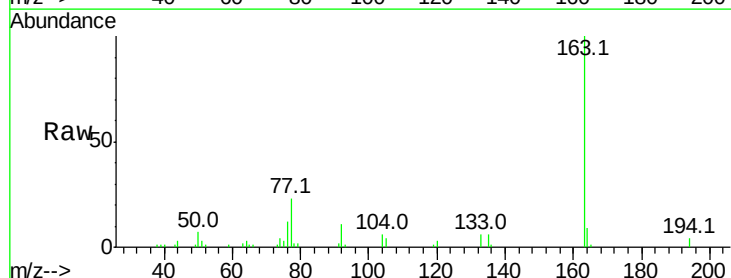
Tgt Ion:163 Resp: 57159

Ion Ratio Lower Upper

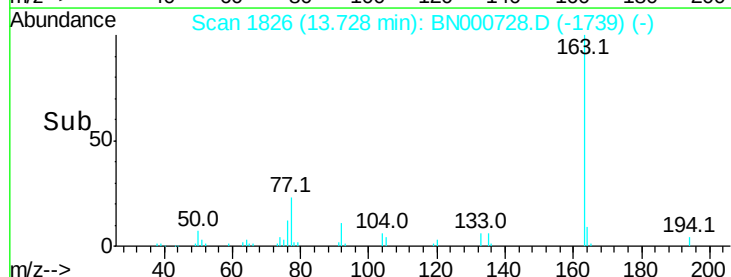
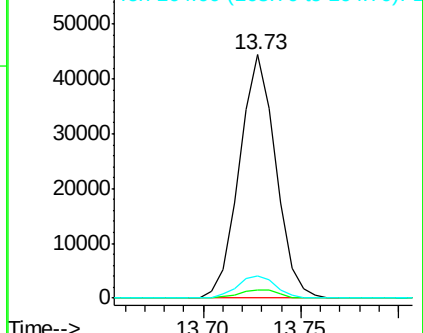
163 100

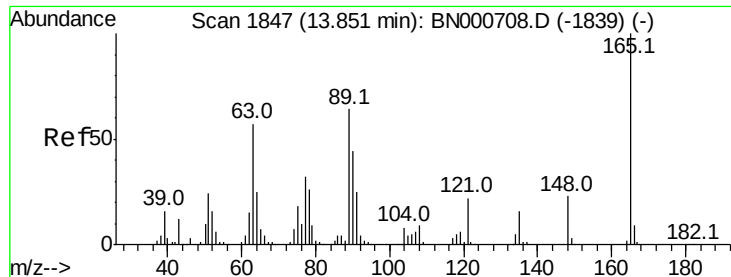
194 3.5 3.4 5.2

164 9.0 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

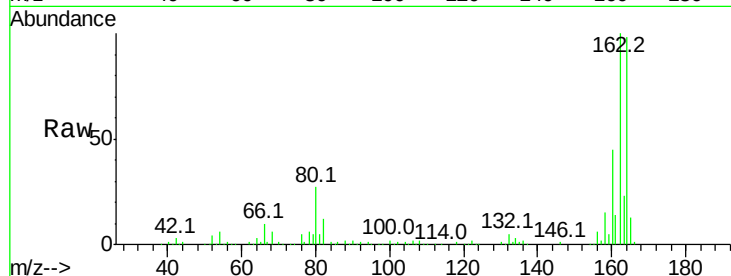




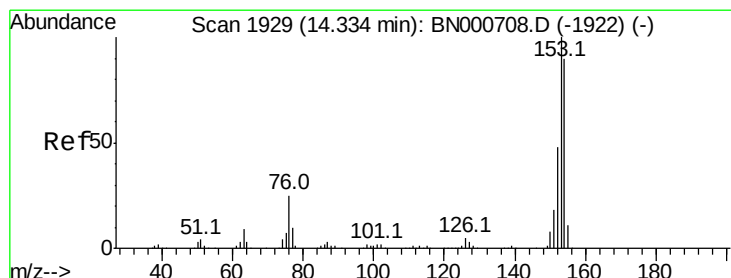
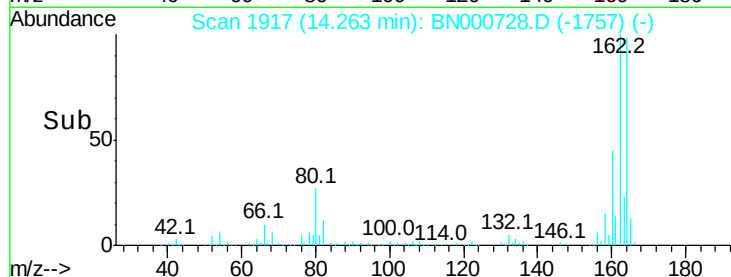
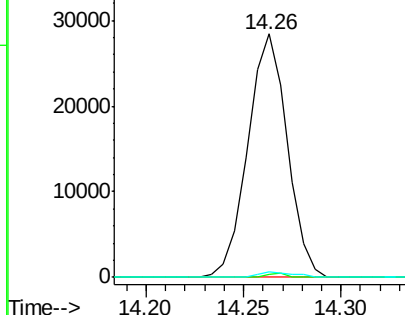
#50
2,6-Dinitrotoluene
Concen: 7.865 ng
RT: 14.26 min Scan# 1917
Delta R.T. 0.41 min
Lab File: BN000728.D
Acq: 10 Apr 2018 02:01

Instrument :
BNA_N
ClientSampleId :

Tot Ion:165 Resp: 39671
Ion Ratio Lower Upper
165 100
63 1.3 52.7 79.1#
89 2.2 49.2 73.8#

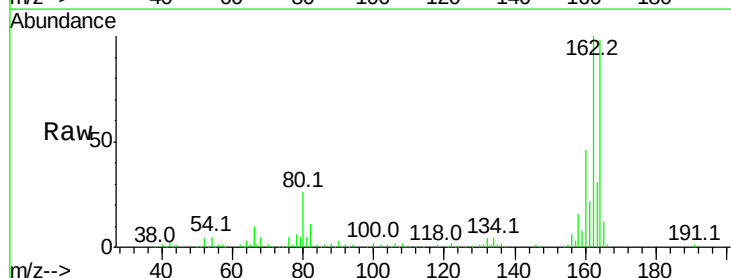


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BNC
Ion 89.00 (88.70 to 89.70): BNC

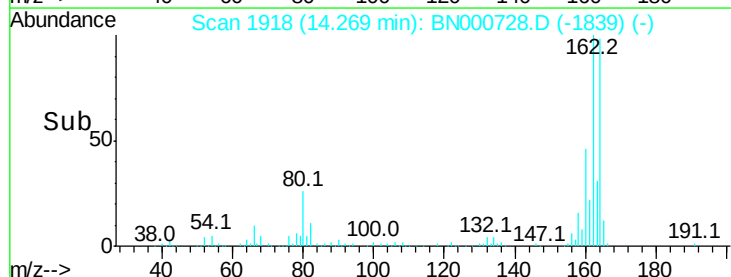
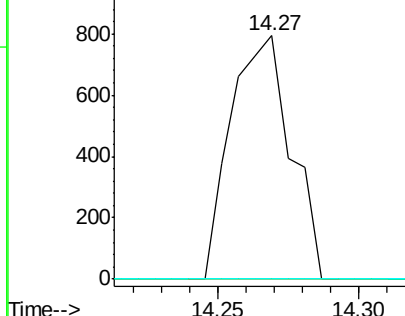


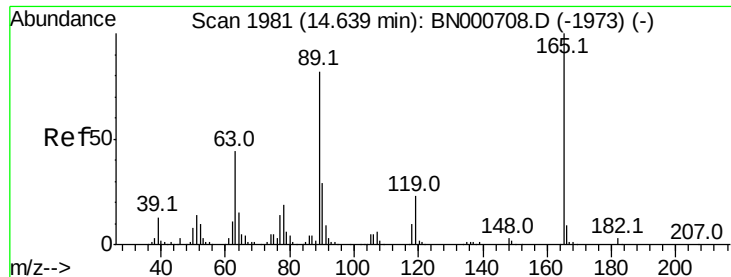
#51
Acenaphthene
Concen: 0.058 ng
RT: 14.27 min Scan# 1918
Delta R.T. -0.06 min
Lab File: BN000728.D
Acq: 10 Apr 2018 02:01

Tgt Ion:154 Resp: 1169
Ion Ratio Lower Upper
154 100
153 0.0 90.4 135.6#
152 0.0 41.6 62.4#



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

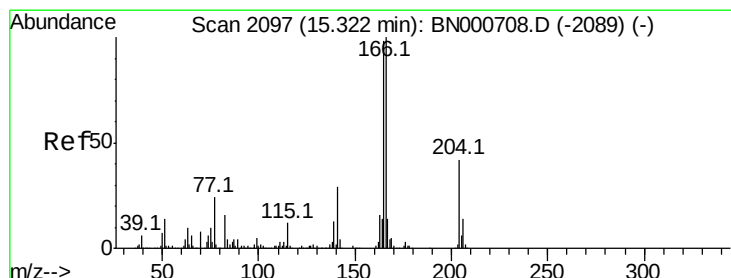
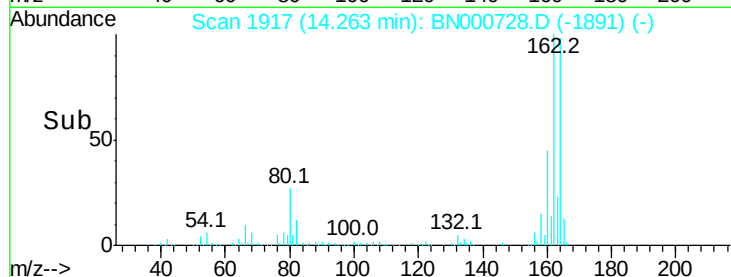
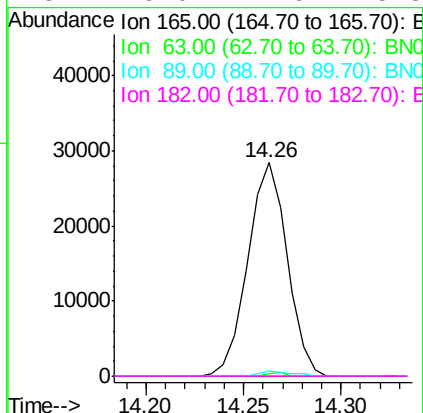
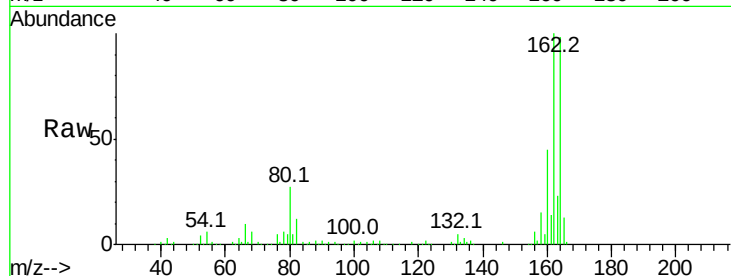




#56
 2,4-Dinitrotoluene
 Concen: 6.057 ng
 RT: 14.26 min Scan# 1917
 Delta R.T. -0.38 min
 Lab File: BN000728.D
 Acq: 10 Apr 2018 02:01

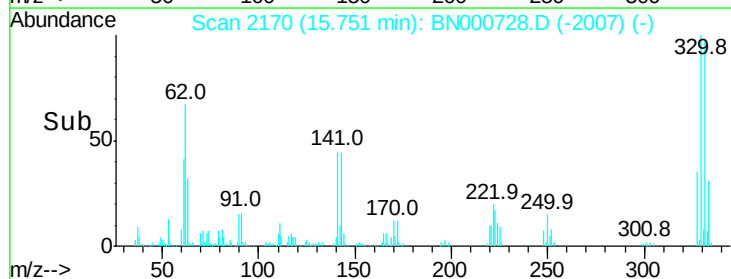
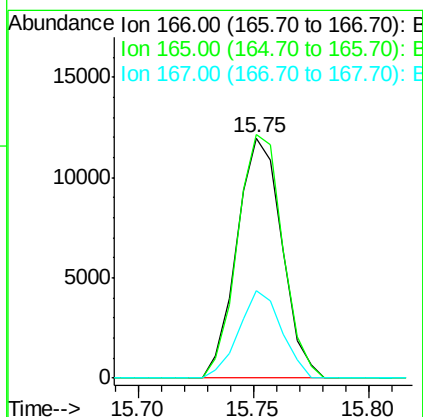
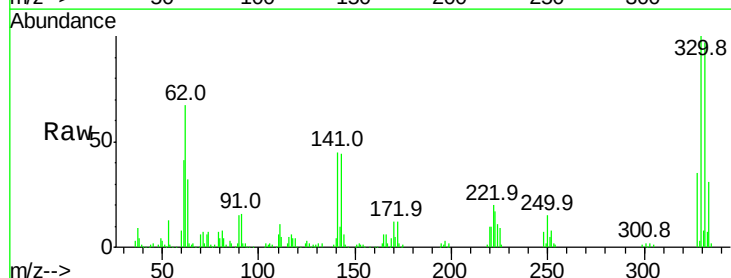
Instrument :
 BNA_N
 ClientSampleId :

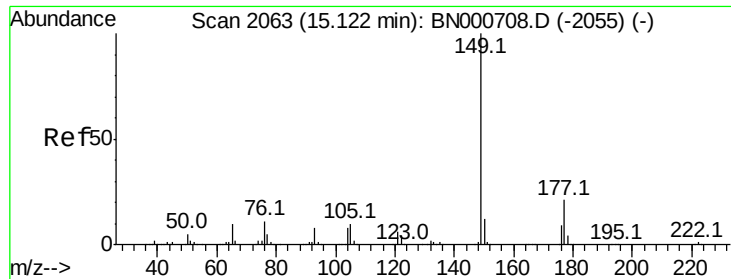
Tot Ion:165 Resp: 39671
 Ion Ratio Lower Upper
 165 100
 63 1.3 42.0 63.0#
 89 2.2 66.9 100.3#
 182 0.0 2.6 3.8#



#57
 Fluorene
 Concen: 0.712 ng
 RT: 15.75 min Scan# 2170
 Delta R.T. 0.43 min
 Lab File: BN000728.D
 Acq: 10 Apr 2018 02:01

Tgt Ion:166 Resp: 16261
 Ion Ratio Lower Upper
 166 100
 165 101.5 80.6 121.0
 167 36.7 10.4 15.6#

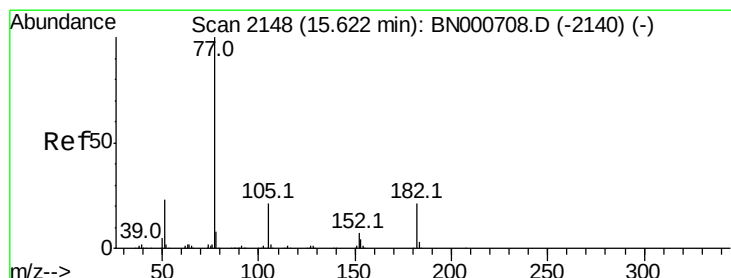
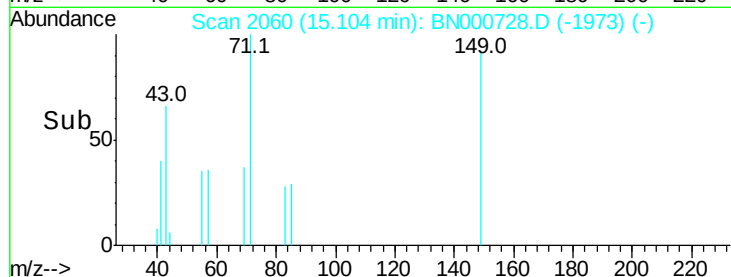
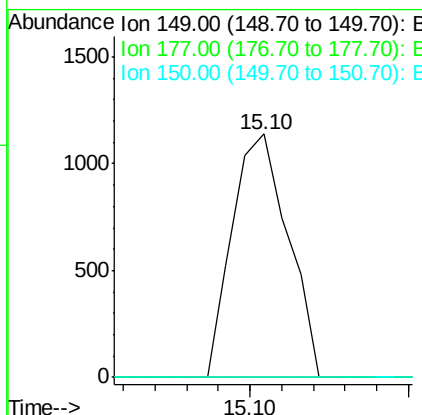
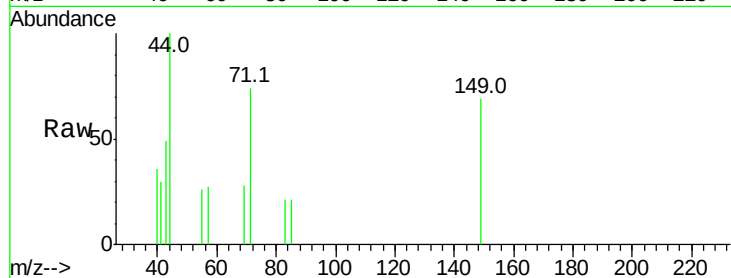




#59
Diethylphthalate
Concen: 0.058 ng
RT: 15.10 min Scan# 2060
Delta R.T. -0.02 min
Lab File: BN000728.D
Acq: 10 Apr 2018 02:01

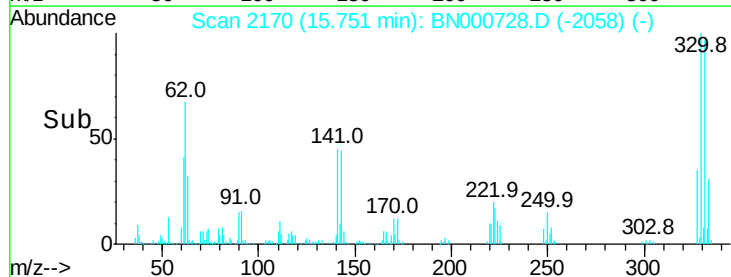
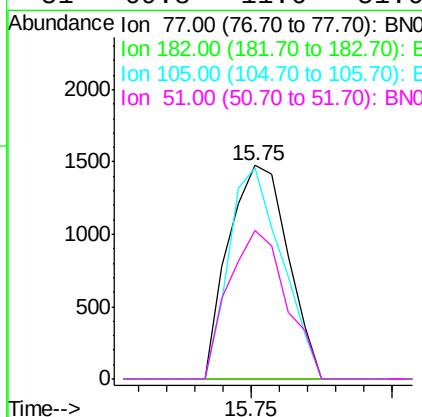
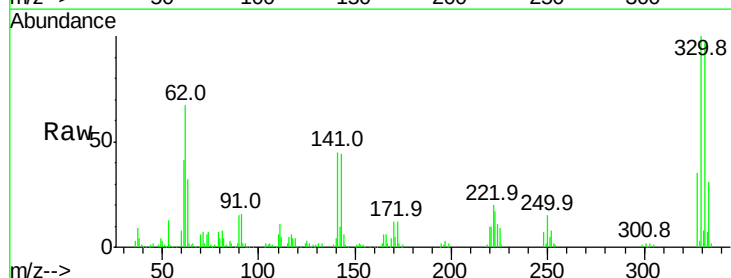
Instrument :
BNA_N
ClientSampled :

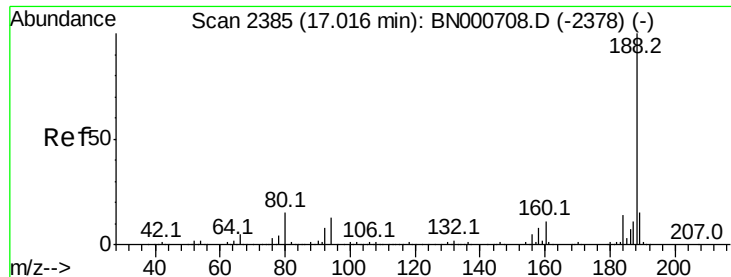
Tot Ion:149 Resp: 1388
Ion Ratio Lower Upper
149 100
177 0.0 18.5 27.7#
150 0.0 10.2 15.2#



#62
Azobenzene
Concen: 0.081 ng
RT: 15.75 min Scan# 2170
Delta R.T. 0.13 min
Lab File: BN000728.D
Acq: 10 Apr 2018 02:01

Tgt Ion: 77 Resp: 2149
Ion Ratio Lower Upper
77 100
182 0.0 7.4 47.4#
105 98.8 0.3 40.3#
51 69.8 11.6 51.6#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.01 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BN000728.D

Acq: 10 Apr 2018 02:01

Instrument :

BNA_N

ClientSampled :

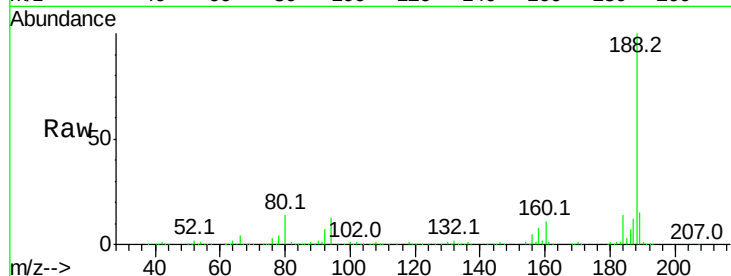
Tot Ion:188 Resp: 594606

Ion Ratio Lower Upper

188 100

94 12.5 6.9 10.3#

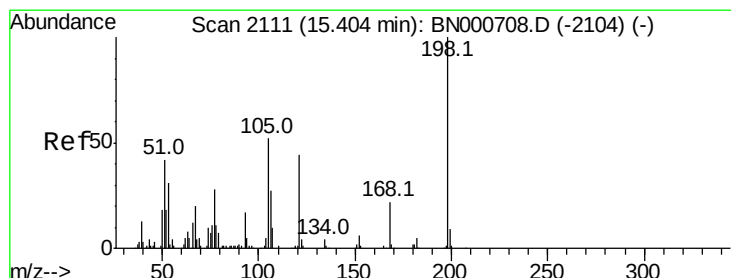
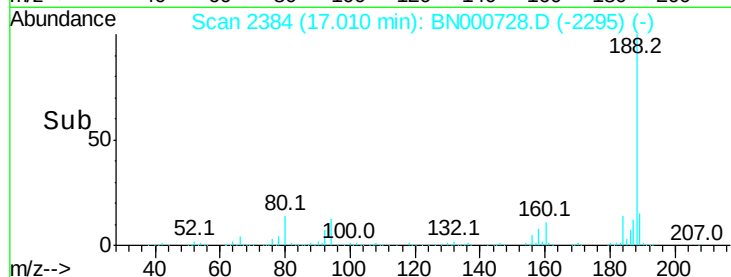
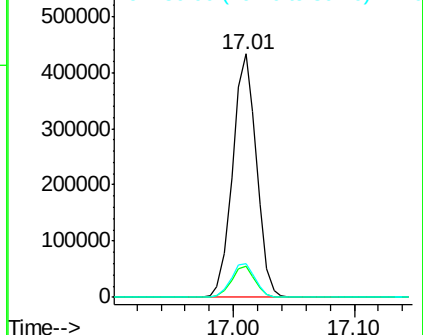
80 13.7 7.7 11.5#



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: 0.211 ng

RT: 15.75 min Scan# 2170

Delta R.T. 0.35 min

Lab File: BN000728.D

Acq: 10 Apr 2018 02:01

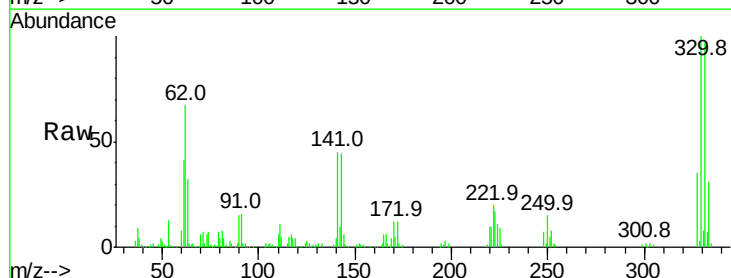
Tgt Ion:198 Resp: 746

Ion Ratio Lower Upper

198 100

51 147.4 30.6 70.6#

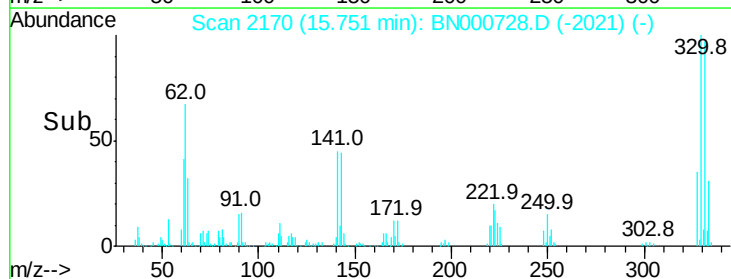
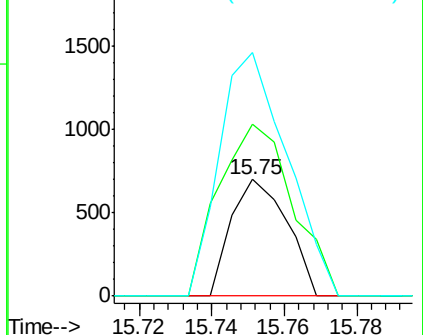
105 208.6 23.8 63.8#

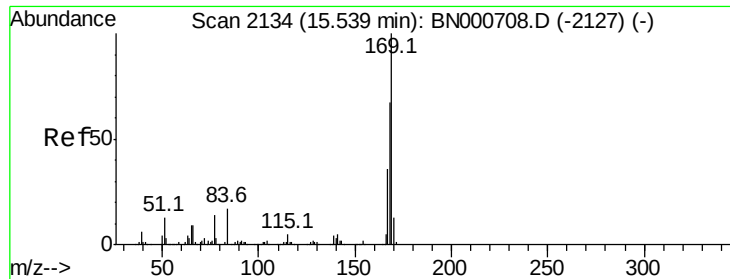


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

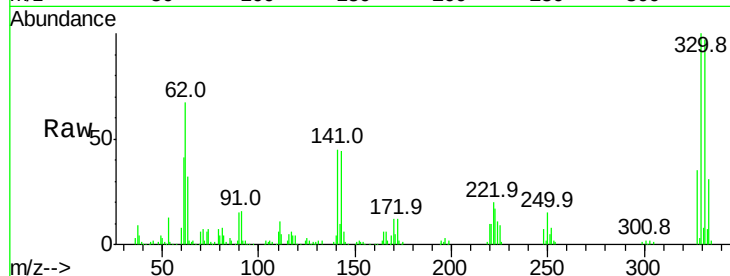




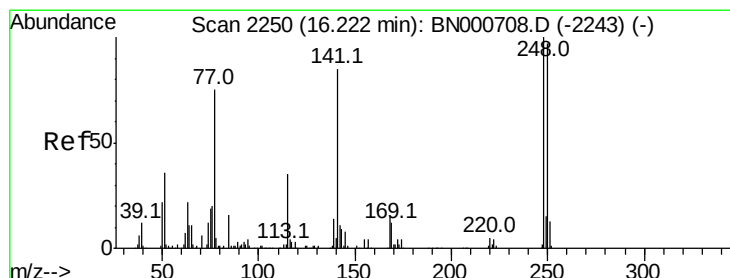
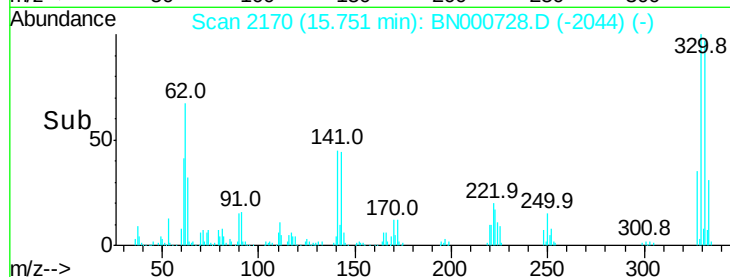
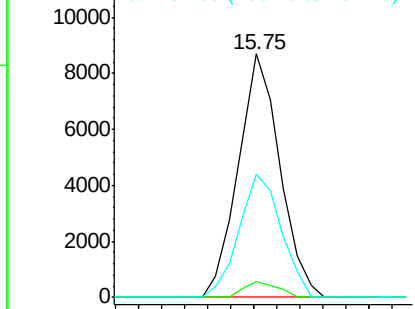
#65
n-Nitrosodiphenylamine
Concen: 0.550 ng
RT: 15.75 min Scan# 2170
Delta R.T. 0.21 min
Lab File: BN000728.D
Acq: 10 Apr 2018 02:01

Instrument :
BNA_N
ClientSampleId :

Tot Ion:169 Resp: 10921
Ion Ratio Lower Upper
169 100
168 6.5 55.7 83.5#
167 50.5 30.1 45.1#

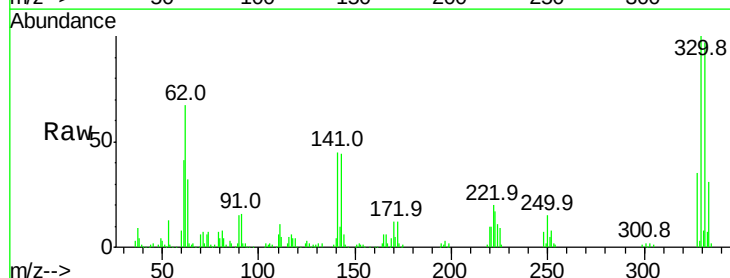


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

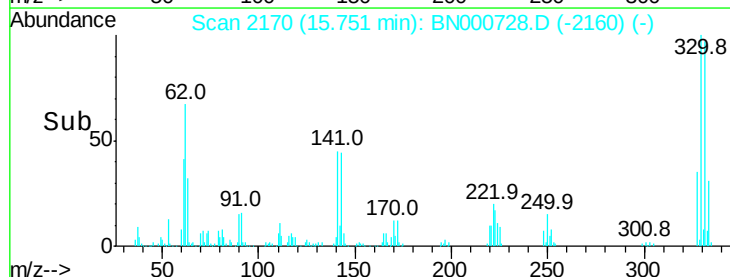
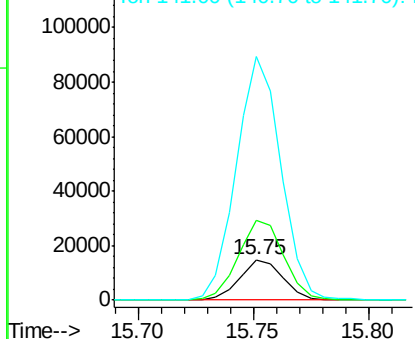


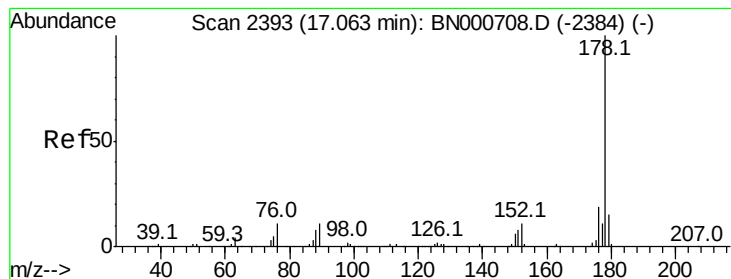
#66
4-Bromophenyl-phenylether
Concen: 3.247 ng
RT: 15.75 min Scan# 2170
Delta R.T. -0.47 min
Lab File: BN000728.D
Acq: 10 Apr 2018 02:01

Tgt Ion:248 Resp: 19307
Ion Ratio Lower Upper
248 100
250 198.5 77.1 115.7#
141 604.8 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: 0.008 ng

RT: 17.05 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BN000728.D

Acq: 10 Apr 2018 02:01

Instrument :

BNA_N

ClientSampled :

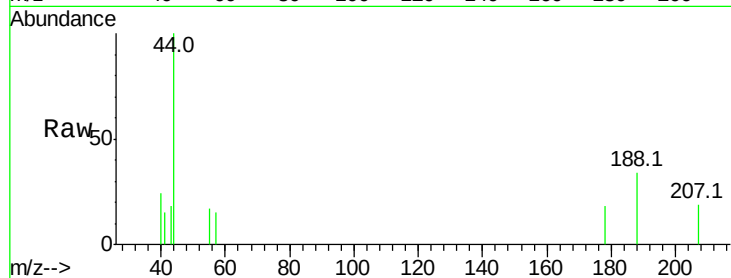
Tot Ion:178 Resp: 276

Ion Ratio Lower Upper

178 100

176 0.0 15.7 23.5#

179 0.0 12.5 18.7#



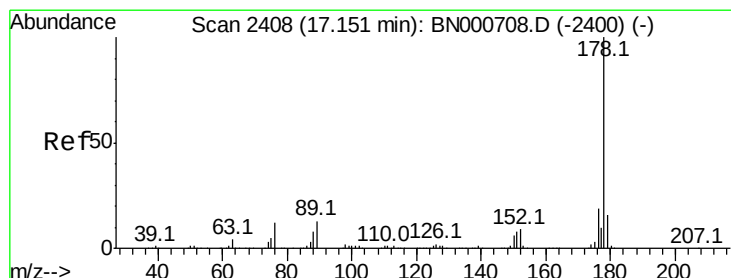
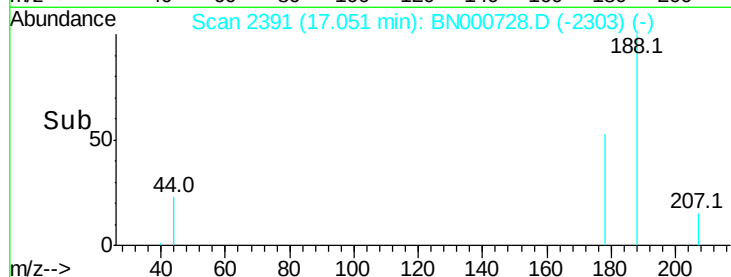
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

17.05

Time--> 17.02 17.04 17.06



#71

Anthracene

Concen: 0.008 ng

RT: 17.05 min Scan# 2391

Delta R.T. -0.10 min

Lab File: BN000728.D

Acq: 10 Apr 2018 02:01

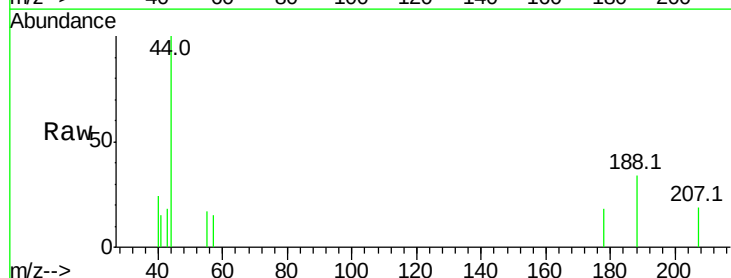
Tgt Ion:178 Resp: 276

Ion Ratio Lower Upper

178 100

176 0.0 16.0 24.0#

179 0.0 12.5 18.7#



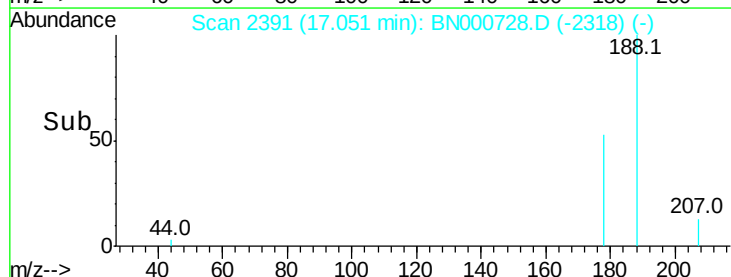
Abundance Ion 178.00 (177.70 to 178.70): E

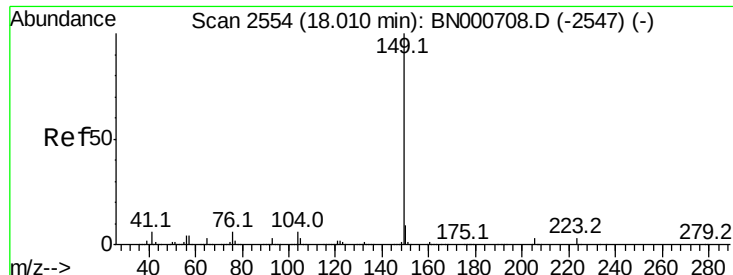
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

17.05

Time--> 17.02 17.04 17.06





#73

Di-n-butylphthalate

Concen: 0.034 ng

RT: 18.00 min Scan# 2553

Delta R.T. -0.01 min

Lab File: BN000728.D

Acq: 10 Apr 2018 02:01

Instrument :

BNA_N

ClientSampleId :

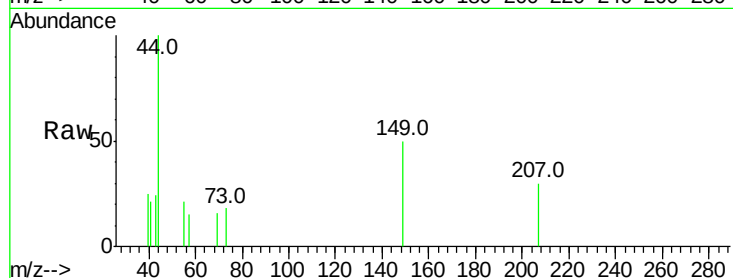
Tot Ion:149 Resp: 1254

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

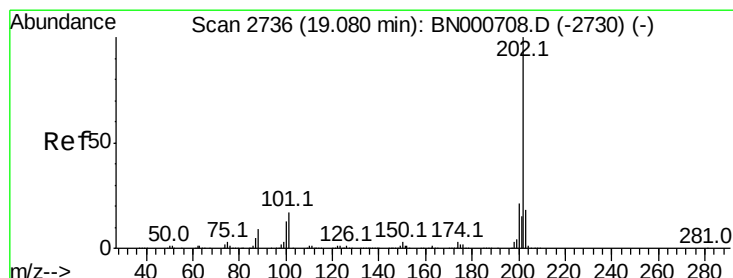
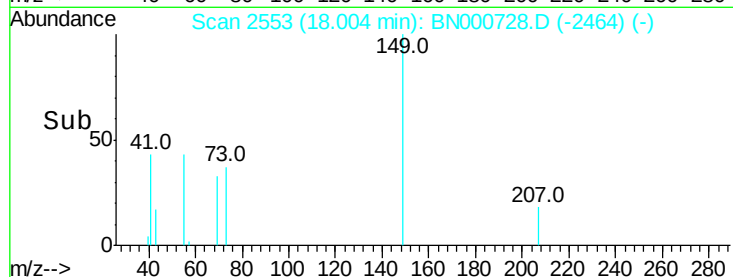
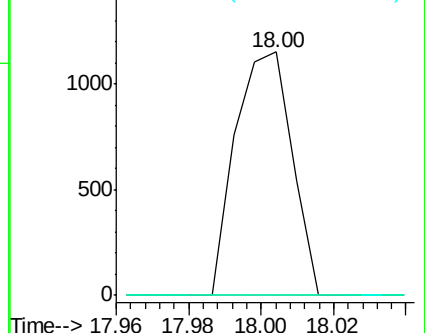
104 0.0 3.9 5.9#



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: 0.003 ng

RT: 19.07 min Scan# 2734

Delta R.T. -0.01 min

Lab File: BN000728.D

Acq: 10 Apr 2018 02:01

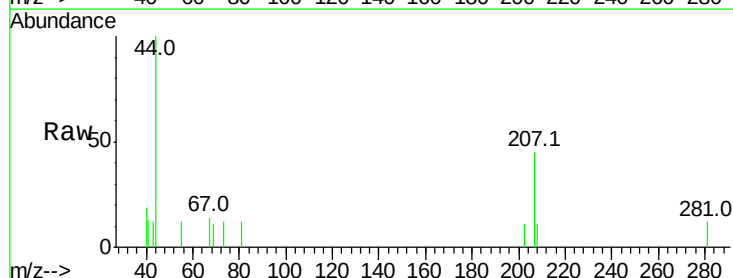
Tgt Ion:202 Resp: 108

Ion Ratio Lower Upper

202 100

101 0.0 0.0 28.9

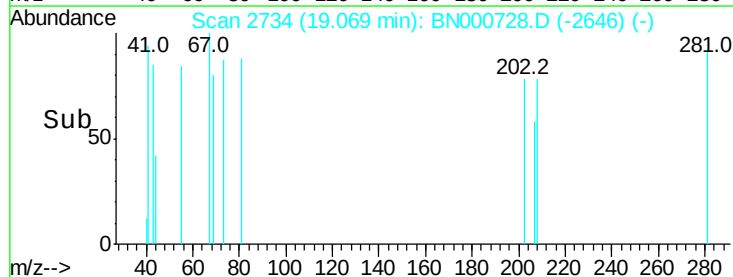
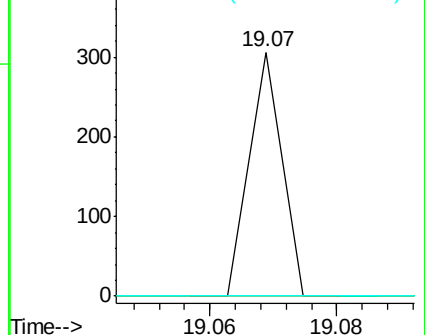
203 0.0 0.0 37.5

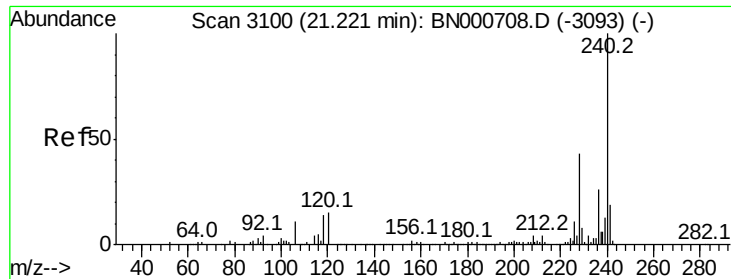


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN000728.D

Acq: 10 Apr 2018 02:01

Instrument :

BNA_N

ClientSampled :

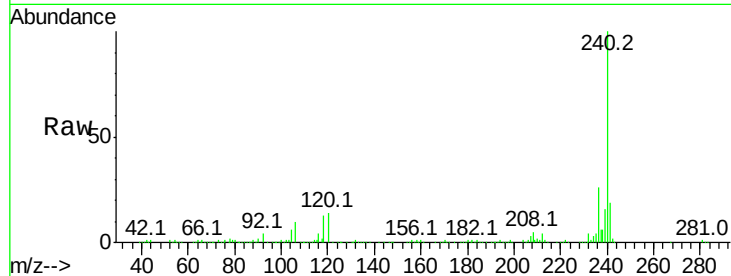
Tot Ion:240 Resp: 494151

Ion Ratio Lower Upper

240 100

120 14.2 6.8 10.2#

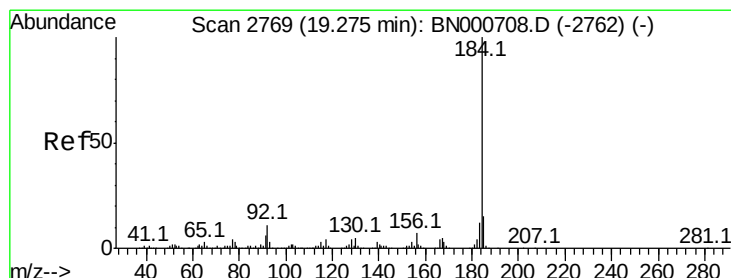
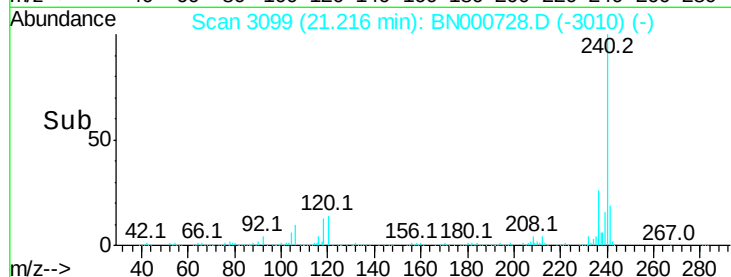
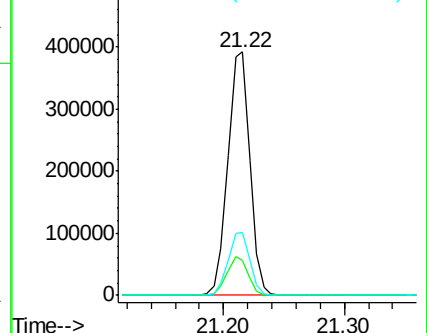
236 26.0 20.9 31.3



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: 2.584 ng

RT: 19.66 min Scan# 2834

Delta R.T. 0.38 min

Lab File: BN000728.D

Acq: 10 Apr 2018 02:01

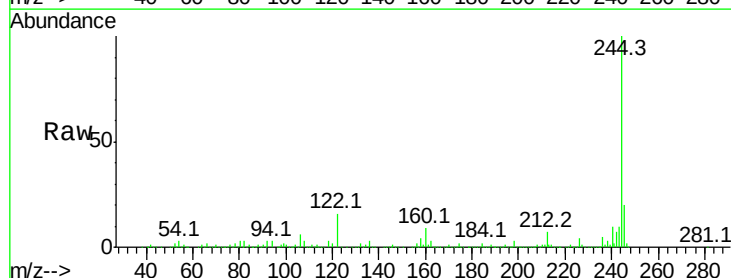
Tgt Ion:184 Resp: 34903

Ion Ratio Lower Upper

184 100

185 15.9 11.1 16.7

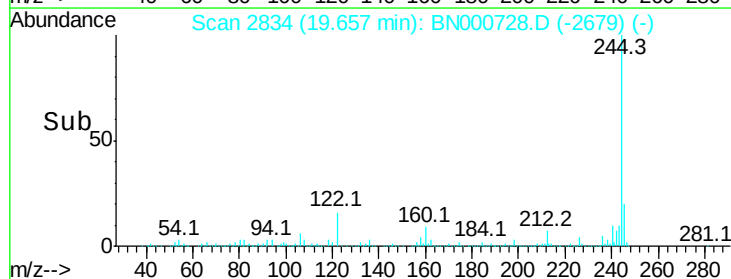
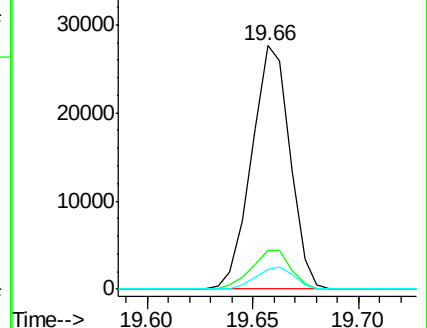
183 8.1 10.6 16.0#

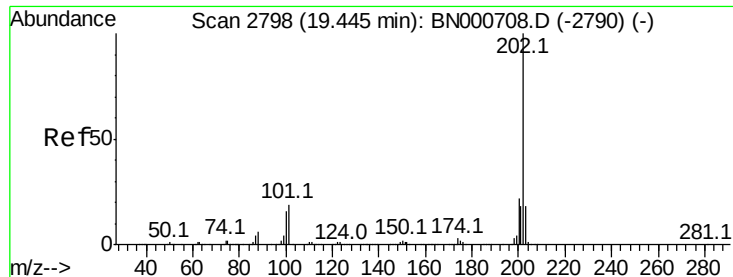


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 0.233 ng

RT: 19.66 min Scan# 2834

Delta R.T. 0.21 min

Lab File: BN000728.D

Acq: 10 Apr 2018 02:01

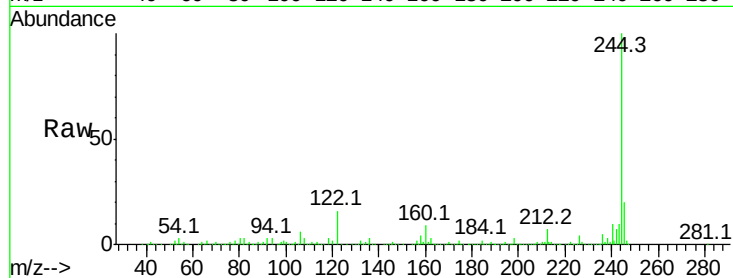
Instrument :

BNA_N

ClientSampleId :

Tot Ion:202 Resp: 8244

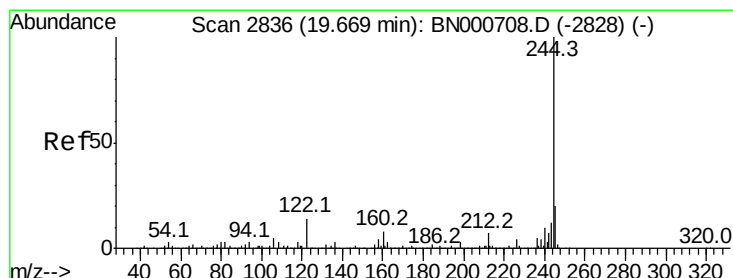
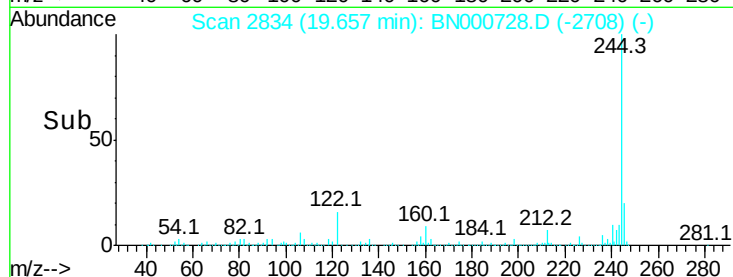
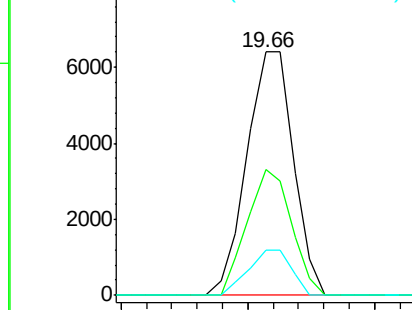
Ion	Ratio	Lower	Upper
202	100		
200	51.6	16.9	25.3#
203	18.3	13.9	20.9



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: 101.228 ng

RT: 19.66 min Scan# 2834

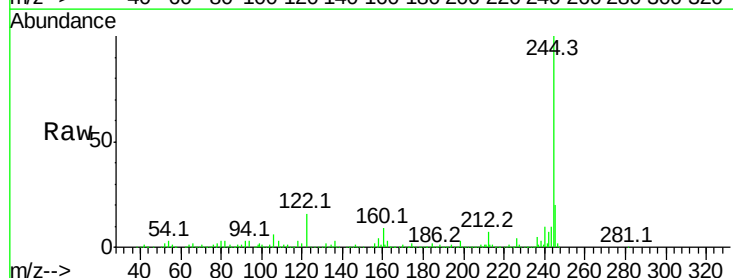
Delta R.T. -0.01 min

Lab File: BN000728.D

Acq: 10 Apr 2018 02:01

Tgt Ion:244 Resp: 2290126

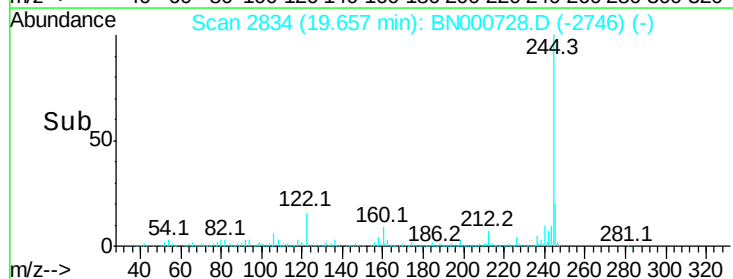
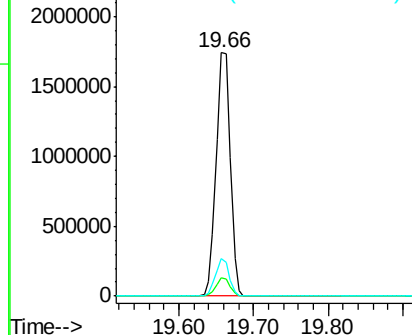
Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	15.5	7.0	10.4#

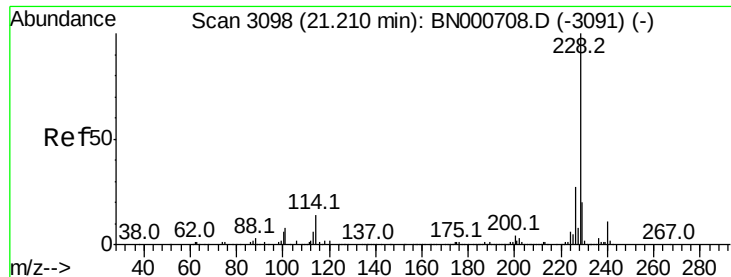


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 0.039 ng

RT: 21.21 min Scan# 3098

Delta R.T. 0.00 min

Lab File: BN000728.D

Acq: 10 Apr 2018 02:01

Instrument :

BNA_N

ClientSampled :

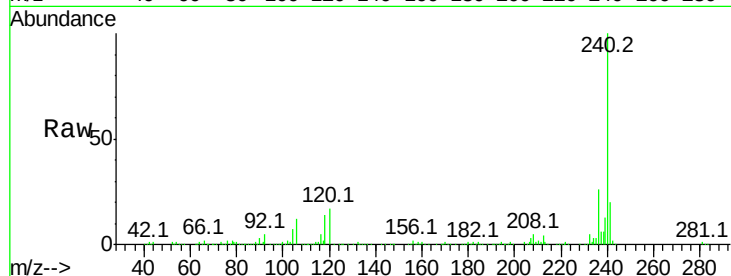
Tot Ion:228 Resp: 1202

Ion Ratio Lower Upper

228 100

226 0.0 22.7 34.1#

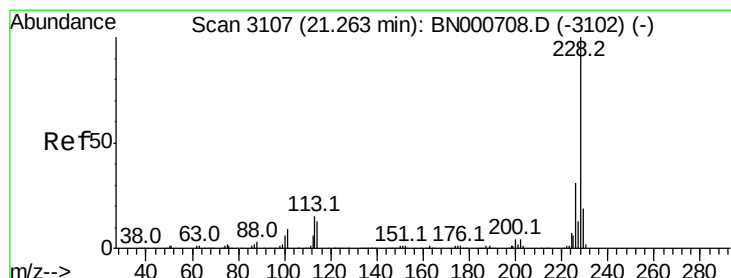
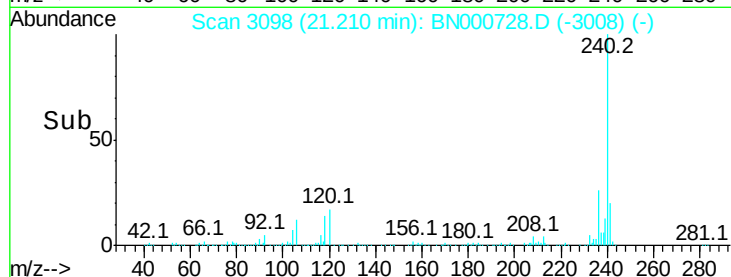
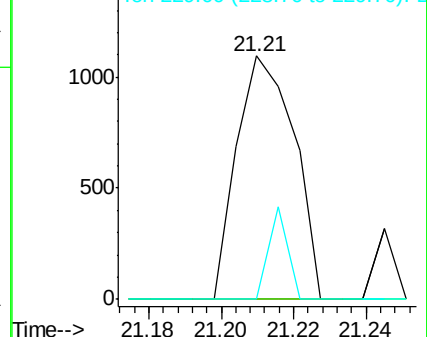
229 0.0 16.2 24.2#



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: 0.004 ng

RT: 21.25 min Scan# 3104

Delta R.T. -0.02 min

Lab File: BN000728.D

Acq: 10 Apr 2018 02:01

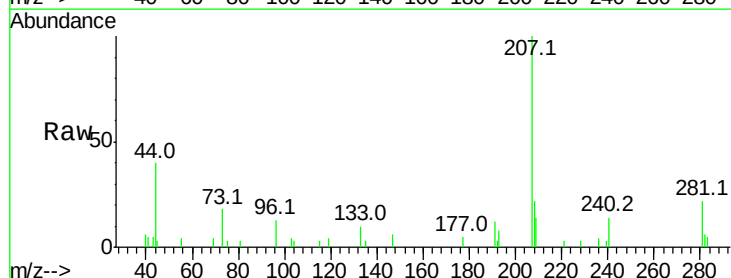
Tgt Ion:228 Resp: 112

Ion Ratio Lower Upper

228 100

226 0.0 24.9 37.3#

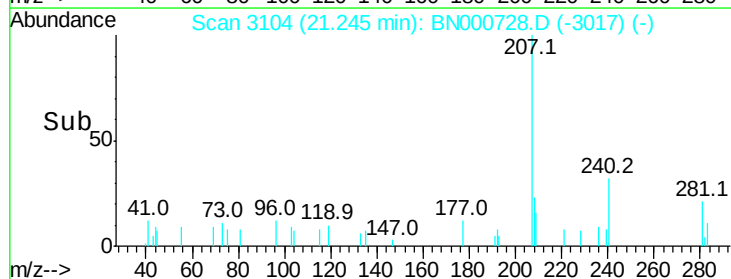
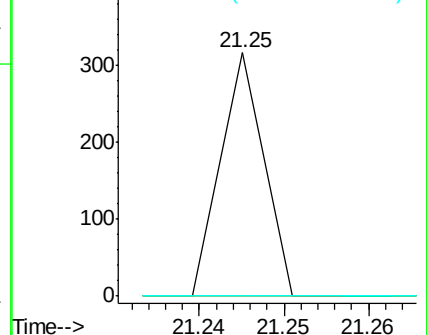
229 0.0 15.0 22.4#

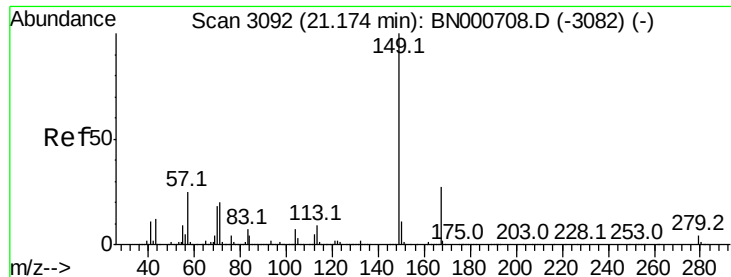


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

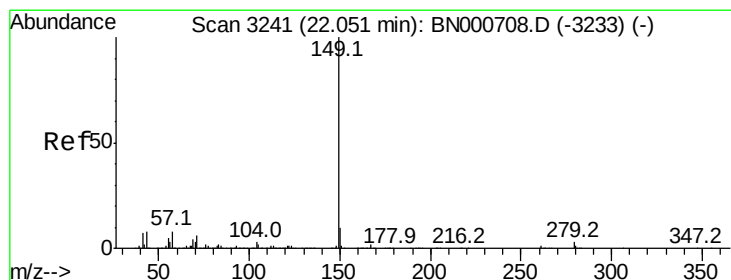
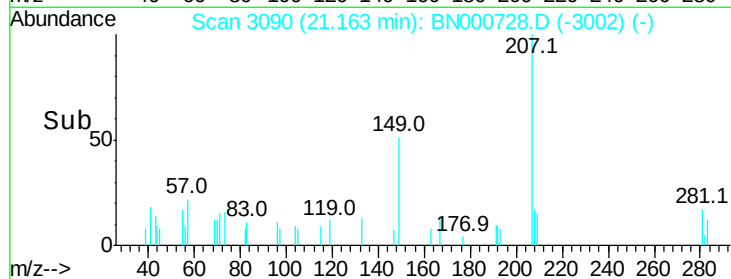
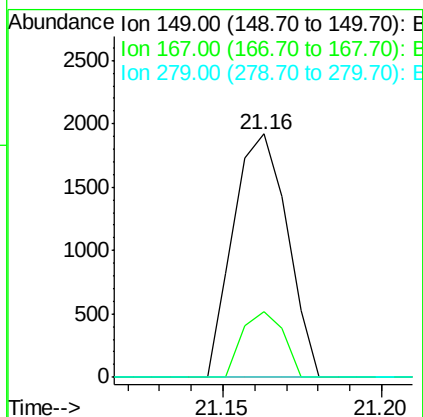
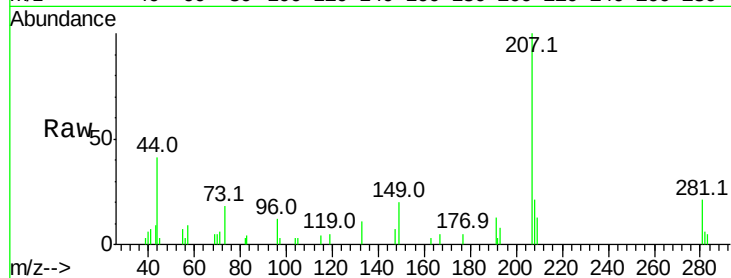




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.102 ng
 RT: 21.16 min Scan# 3090
 Delta R.T. -0.01 min
 Lab File: BN000728.D
 Acq: 10 Apr 2018 02:01

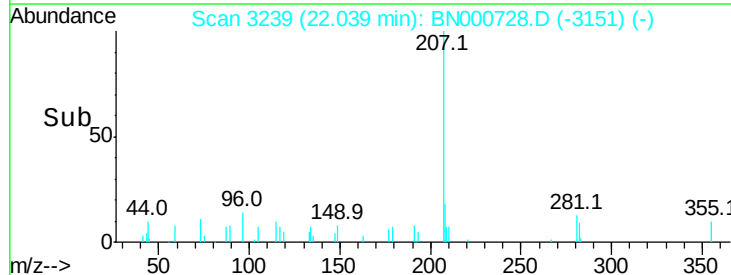
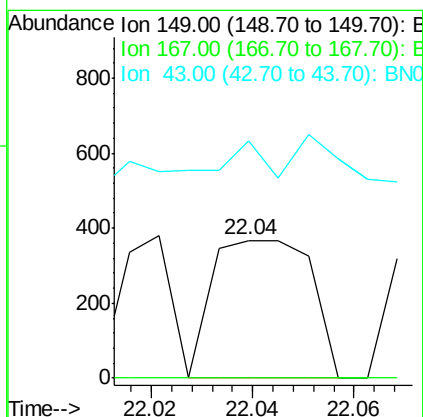
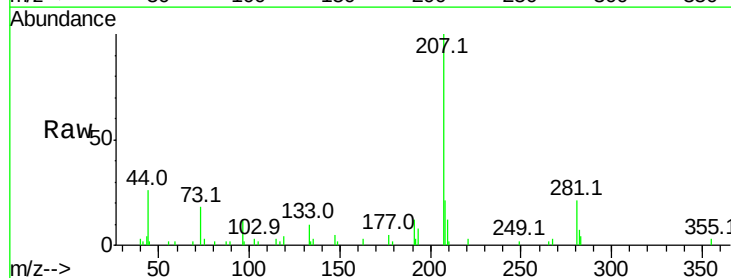
Instrument :
 BNA_N
 ClientSampled :

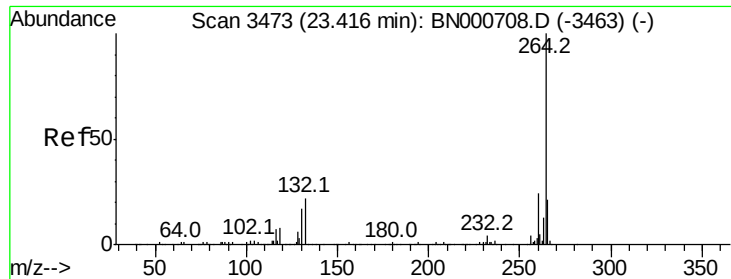
Tot Ion:149 Resp: 2272
 Ion Ratio Lower Upper
 149 100
 167 27.1 24.3 36.5
 279 0.0 4.0 6.0#



#84
 Di-n-octyl phthalate
 Concen: 0.016 ng
 RT: 22.04 min Scan# 3239
 Delta R.T. -0.01 min
 Lab File: BN000728.D
 Acq: 10 Apr 2018 02:01

Tgt Ion:149 Resp: 496
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.4 2.0#
 43 50.6 8.9 13.3#



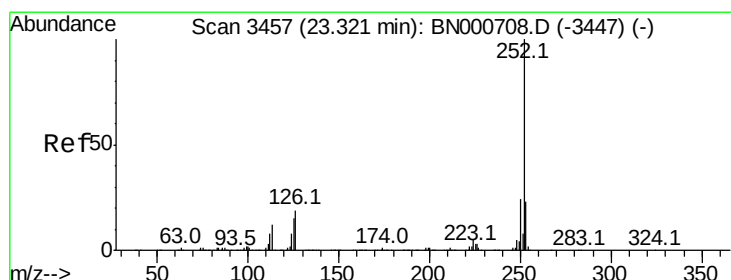
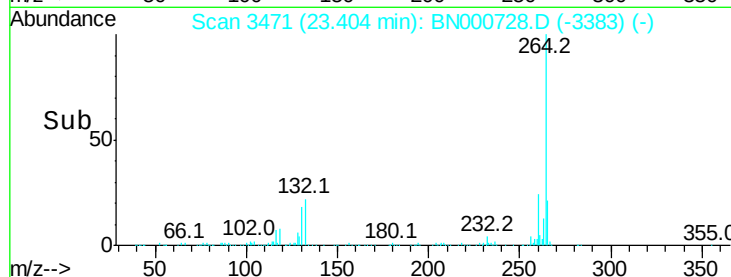
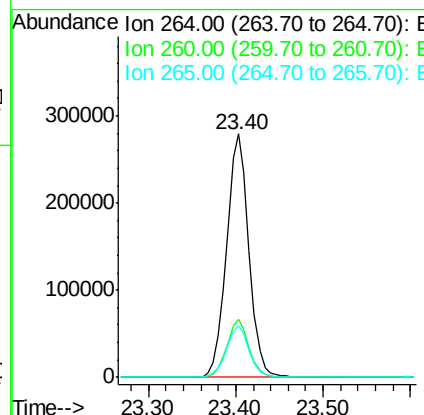
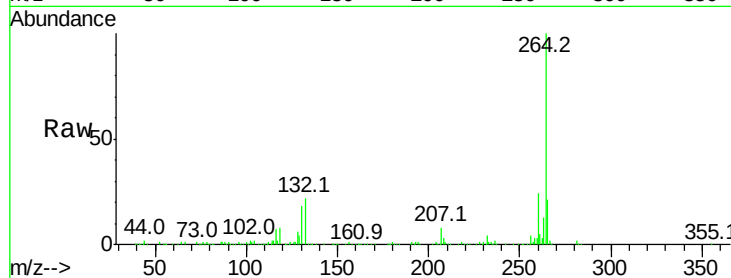


#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.40 min Scan# 3471
Delta R.T. -0.01 min
Lab File: BN000728.D
Acq: 10 Apr 2018 02:01

Instrument :
BNA_N
ClientSampleId :

Tot Ion:264 Resp: 490990

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	21.2	17.7	26.5



#89
Benzo(a)pyrene
Concen: 0.062 ng
RT: 23.41 min Scan# 3472
Delta R.T. 0.09 min
Lab File: BN000728.D
Acq: 10 Apr 2018 02:01

Tgt Ion:252 Resp: 1682

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.3	27.5#
125	36.1	7.3	10.9#

