

Data Path : Z:\HPCHEM1\BNA N\DATA\BN040918\
 Data File : BN000729.D
 Acq On : 10 Apr 2018 02:35
 Operator : JU/SJ
 Sample : J2292-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 10 04:38:22 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	141155	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	594076	20.00	ng	0.00
38) Acenaphthene-d10	14.26	164	299142	20.00	ng	0.00
63) Phenanthrene-d10	17.01	188	583852	20.00	ng	0.00
75) Chrysene-d12	21.21	240	469555	20.00	ng	-0.01
86) Perylene-d12	23.40	264	466329	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	353771	37.01	ng	0.00
7) Phenol-d6	6.81	99	268862	20.66	ng	0.00
23) Nitrobenzene-d5	8.78	82	1130520	100.70	ng	0.00
41) 2,4,6-Tribromophenol	15.75	330	273379	92.95	ng	-0.01
44) 2-Fluorobiphenyl	12.89	172	2202994	101.50	ng	0.00
78) Terphenyl-d14	19.66	244	2264176	105.32	ng	-0.01

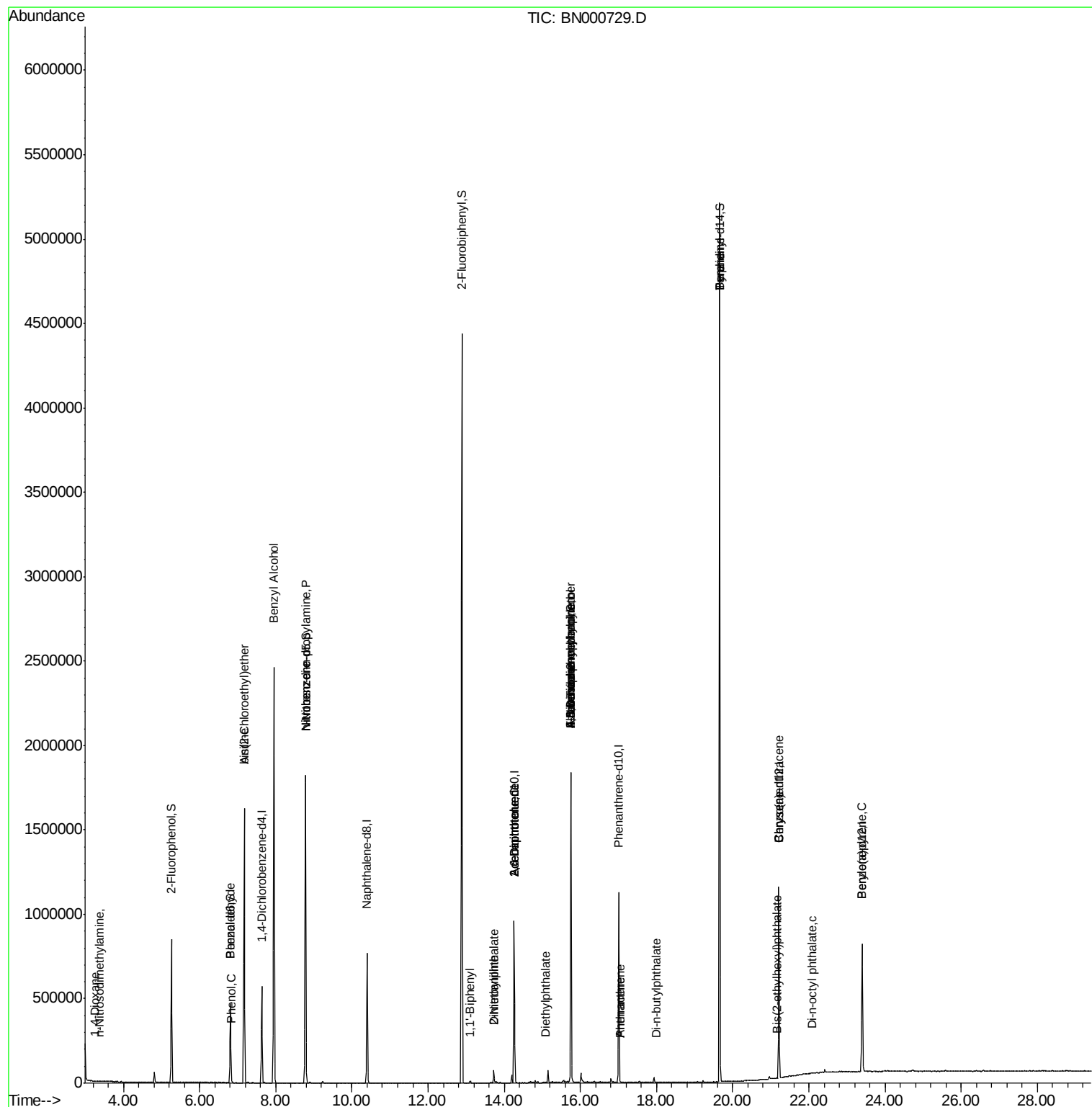
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.25	88	128	0.029	ng	# 80
4) n-Nitrosodimethylamine	3.38	42	224	0.070	ng	# 1
6) Aniline	7.17	93	784	0.045	ng	# 1
9) Benzaldehyde	6.81	77	241	0.037	ng	# 5
10) Phenol	6.83	94	7765	0.561	ng	# 94
11) bis(2-Chloroethyl)ether	7.17	93	784	0.069	ng	# 1
15) Benzyl Alcohol	7.95	79	19516	2.202	ng	# 35
19) n-Nitroso-di-n-propylamine	8.78	70	140815	17.311	ng	# 67
24) Nitrobenzene	8.78	77	3375	0.277	ng	# 42
45) 1,1'-Biphenyl	13.09	154	5270	0.196	ng	# 97
47) 2-Nitroaniline	13.73	65	272	0.048	ng	# 1
49) Dimethylphthalate	13.73	163	44102	1.852	ng	# 99
50) 2,6-Dinitrotoluene	14.26	165	38401	7.788	ng	# 20
51) Acenaphthene	14.26	154	980	0.050	ng	# 5
56) 2,4-Dinitrotoluene	14.26	165	38401	5.998	ng	# 18
57) Fluorene	15.75	166	15871	0.711	ng	# 90
59) Diethylphthalate	15.10	149	870	0.037	ng	# 58
62) Azobenzene	15.75	77	2175	0.084	ng	# 14
64) 4,6-Dinitro-2-methylphenol	15.75	198	724	0.208	ng	# 1
65) n-Nitrosodiphenylamine	15.75	169	11026	0.566	ng	# 45
66) 4-Bromophenyl-phenylether	15.75	248	19457	3.333	ng	# 1
70) Phenanthrene	17.05	178	250	0.007	ng	# 60
71) Anthracene	17.05	178	250	0.008	ng	# 59
73) Di-n-butylphthalate	18.00	149	1472	0.040	ng	# 78
76) Benzidine	19.66	184	34577	2.694	ng	# 90
77) Pyrene	19.66	202	8044	0.240	ng	# 69
80) Benzo(a)anthracene	21.21	228	1012	0.034	ng	# 50
82) Chrysene	21.21	228	1012	0.035	ng	# 49
83) Bis(2-ethylhexyl)phthalate	21.16	149	809	0.038	ng	# 50
84) Di-n-octyl phthalate	22.09	149	699	0.024	ng	# 33
89) Benzo(a)pyrene	23.40	252	1571	0.061	ng	# 39

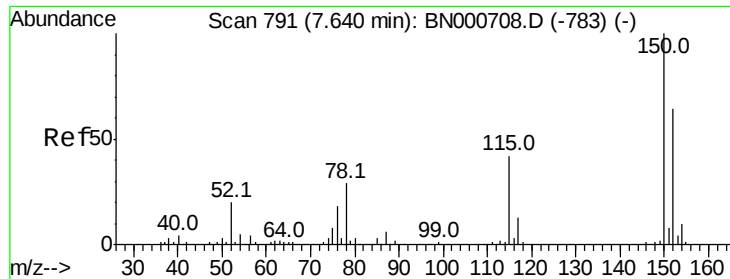
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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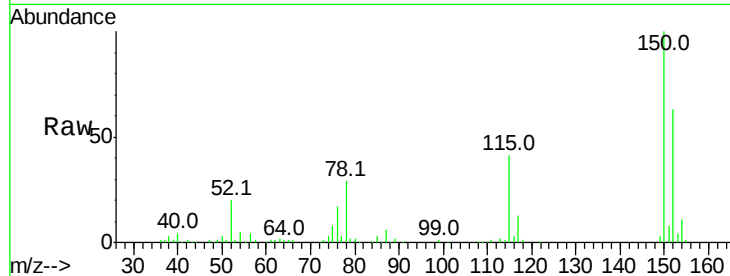


#1

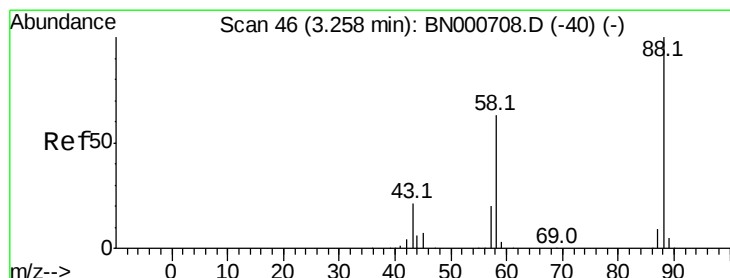
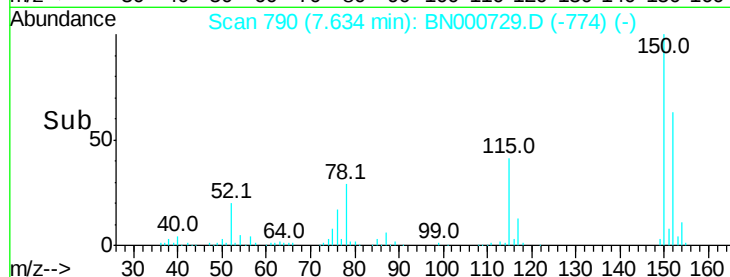
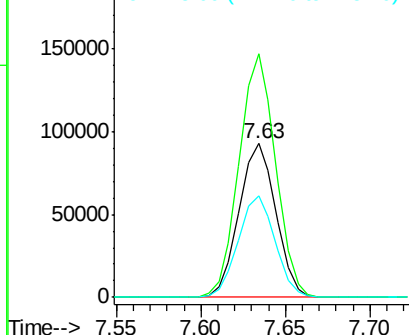
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 790
Delta R.T. -0.01 min
Lab File: BN000729.D
Acq: 10 Apr 2018 02:35

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 141155
Ion Ratio Lower Upper
152 100
150 158.5 126.6 189.8
115 65.7 53.0 79.4



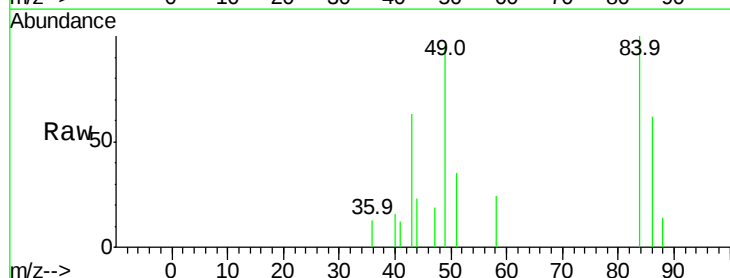
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



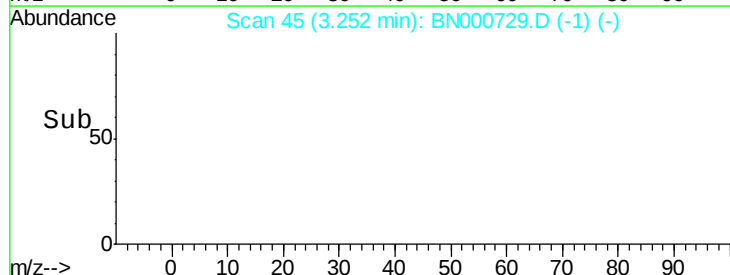
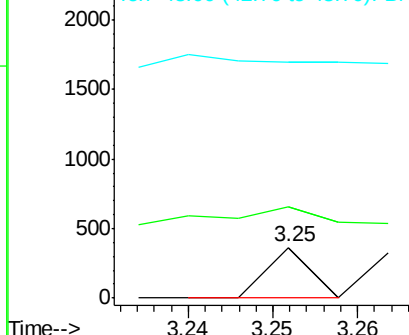
#2

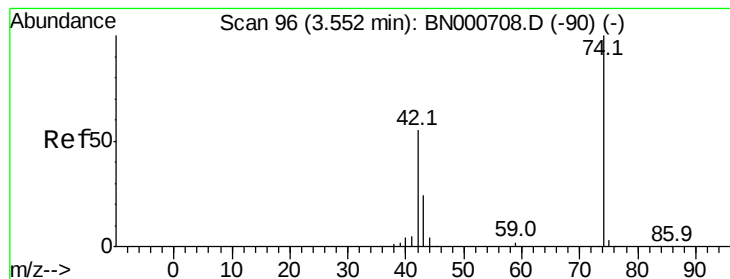
1,4-Dioxane
Concen: 0.029 ng
RT: 3.25 min Scan# 45
Delta R.T. -0.01 min
Lab File: BN000729.D
Acq: 10 Apr 2018 02:35

Tgt Ion: 88 Resp: 128
Ion Ratio Lower Upper
88 100
58 71.9 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: 0.070 ng

RT: 3.38 min Scan# 66

Delta R.T. -0.18 min

Lab File: BN000729.D

Acq: 10 Apr 2018 02:35

Instrument :

BNA_N

ClientSampleId :

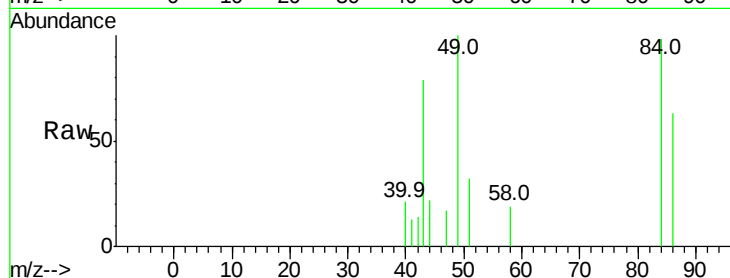
Tot Ion: 42 Resp: 224

Ion Ratio Lower Upper

42 100

74 0.0 128.0 192.0#

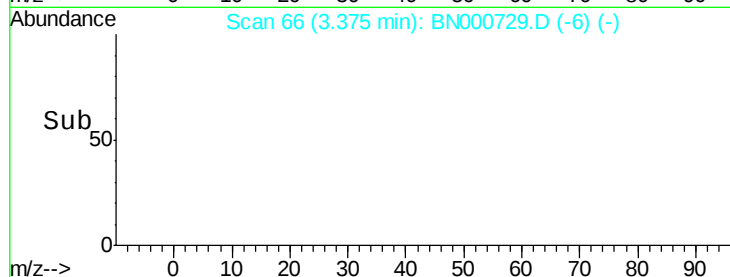
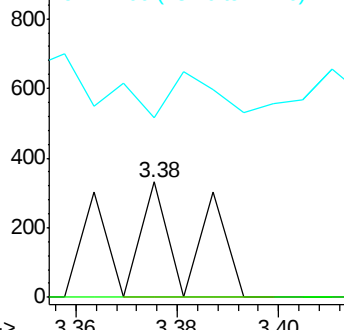
44 156.2 12.0 18.0#



Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC



#5

2-Fluorophenol

Concen: 37.006 ng

RT: 5.26 min Scan# 386

Delta R.T. -0.01 min

Lab File: BN000729.D

Acq: 10 Apr 2018 02:35

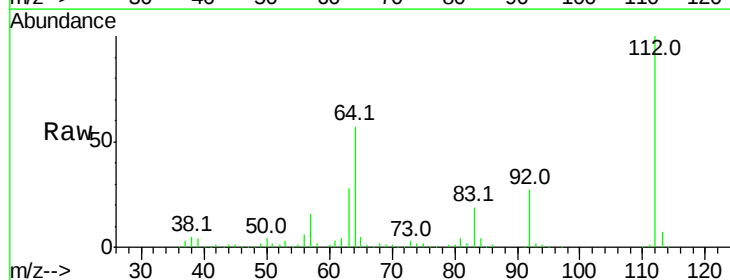
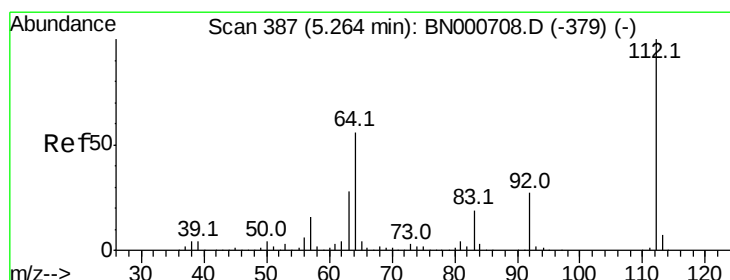
Tgt Ion: 112 Resp: 353771

Ion Ratio Lower Upper

112 100

64 56.7 56.3 84.5

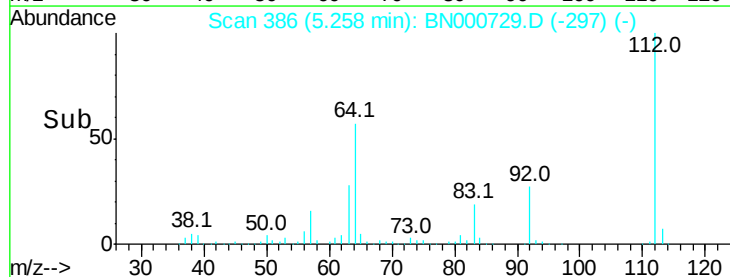
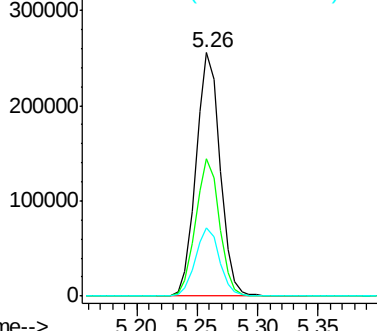
63 28.2 30.1 45.1#

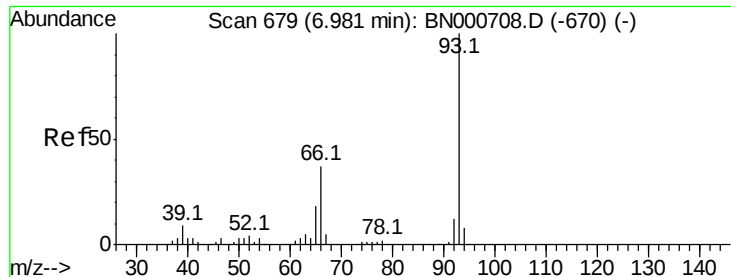


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#6

Aniline

Concen: 0.045 ng

RT: 7.17 min Scan# 711

Delta R.T. 0.19 min

Lab File: BN000729.D

Acq: 10 Apr 2018 02:35

Instrument :

BNA_N

ClientSampleId :

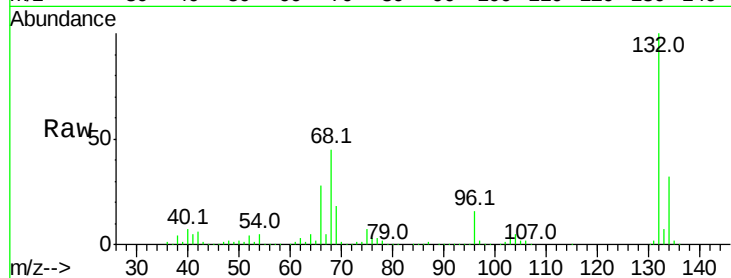
Tot Ion: 93 Resp: 784

Ion Ratio Lower Upper

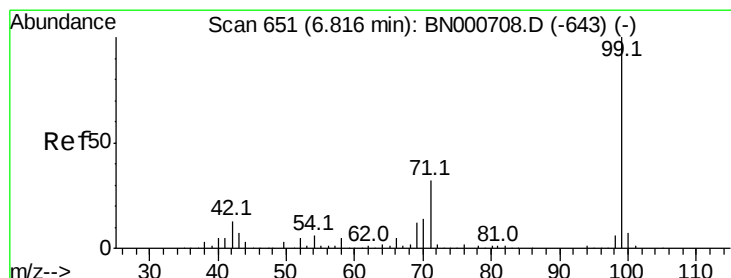
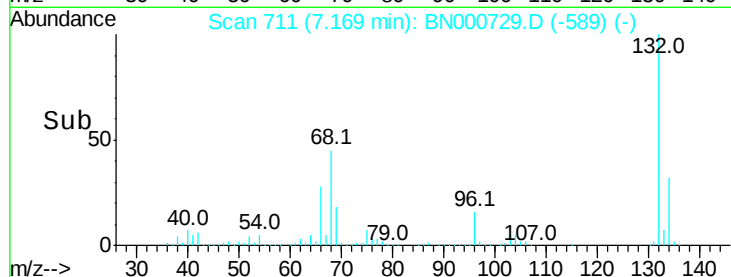
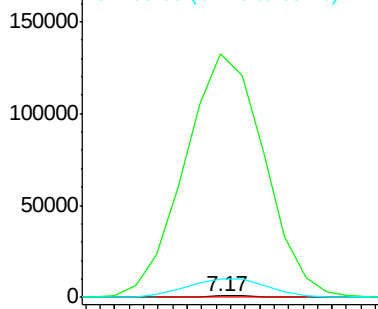
93 100

66 19116.9 33.7 50.5#

65 1410.2 16.1 24.1#



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



#7

Phenol-d6

Concen: 20.659 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.01 min

Lab File: BN000729.D

Acq: 10 Apr 2018 02:35

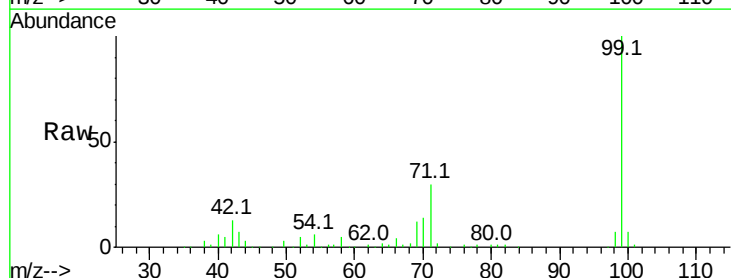
Tgt Ion: 99 Resp: 268862

Ion Ratio Lower Upper

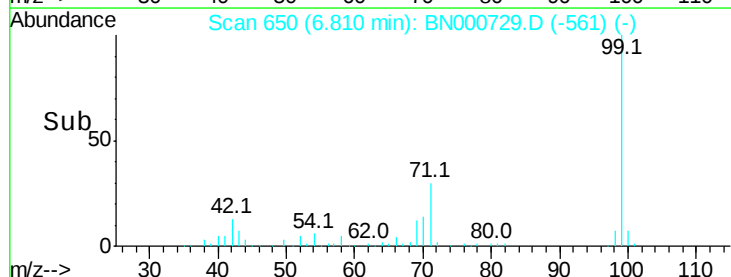
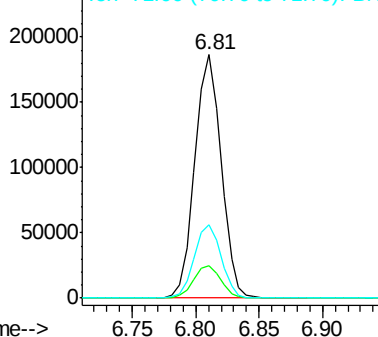
99 100

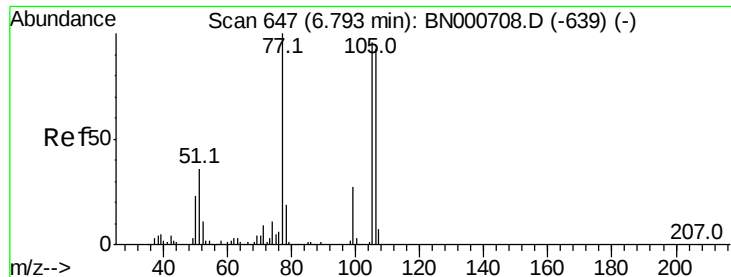
42 13.3 14.1 21.1#

71 30.4 26.1 39.1



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





#9

Benzaldehyde

Concen: 0.037 ng

RT: 6.81 min Scan# 650

Delta R.T. 0.02 min

Lab File: BN000729.D

Acq: 10 Apr 2018 02:35

Instrument :

BNA_N

ClientSampled :

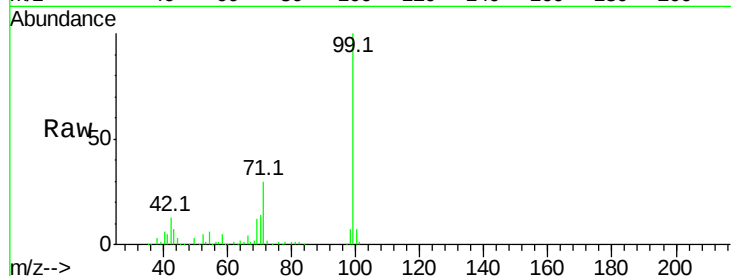
Tot Ion: 77 Resp: 241

Ion Ratio Lower Upper

77 100

105 0.0 71.3 111.3#

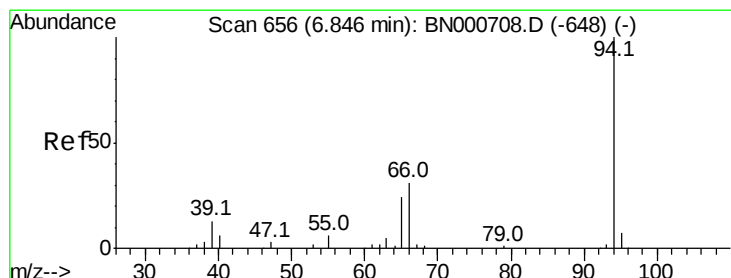
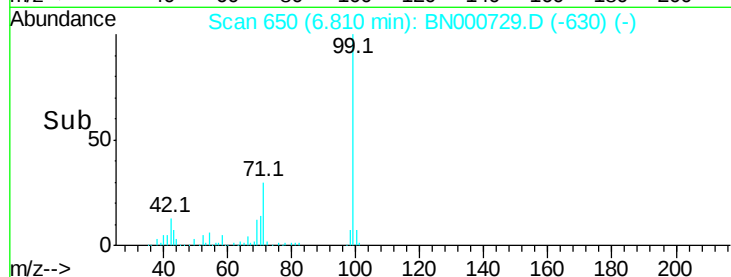
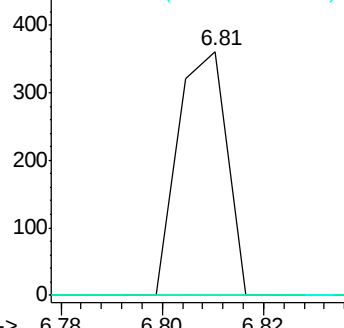
106 0.0 64.2 104.2#



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: 0.561 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.01 min

Lab File: BN000729.D

Acq: 10 Apr 2018 02:35

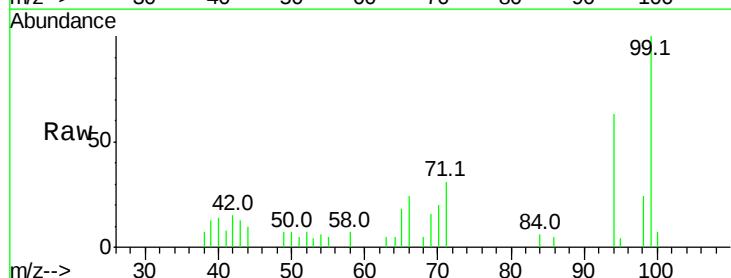
Tgt Ion: 94 Resp: 7765

Ion Ratio Lower Upper

94 100

65 29.2 11.9 51.9

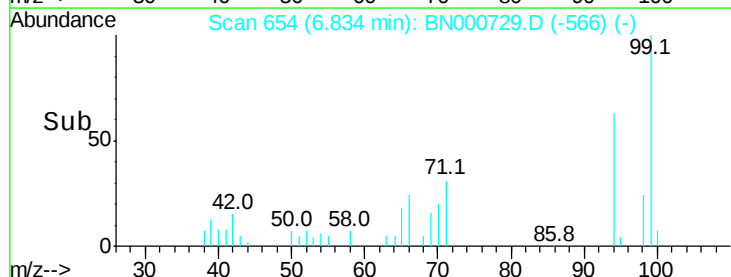
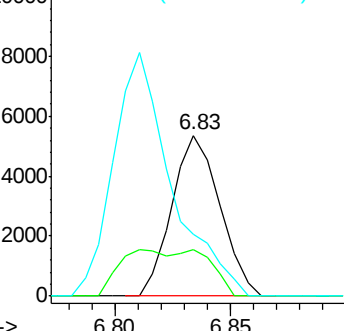
66 38.3 22.2 62.2

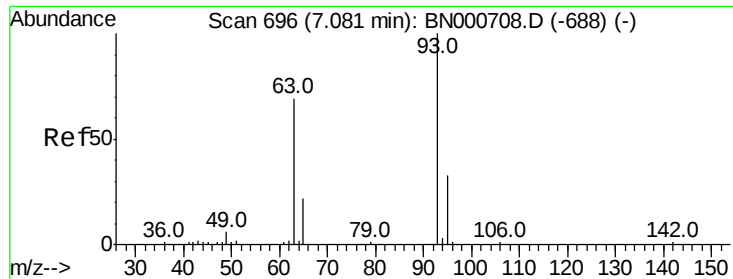


Abundance Ion 94.00 (93.70 to 94.70): BNC

Ion 65.00 (64.70 to 65.70): BNC

Ion 66.00 (65.70 to 66.70): BNC





#11

bis(2-Chloroethyl)ether

Concen: 0.069 ng

RT: 7.17 min Scan# 711

Delta R.T. 0.09 min

Lab File: BN000729.D

Acq: 10 Apr 2018 02:35

Instrument :

BNA_N

ClientSampleId :

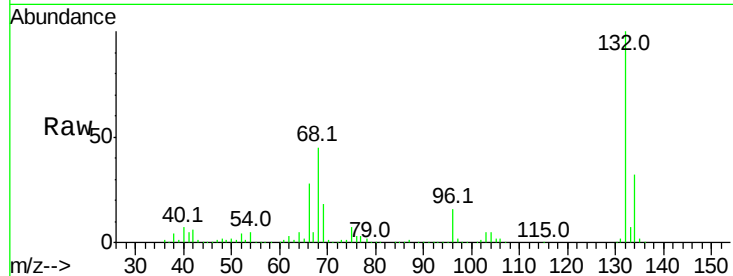
Tot Ion: 93 Resp: 784

Ion Ratio Lower Upper

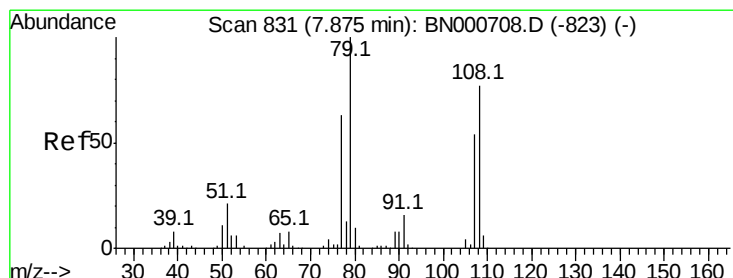
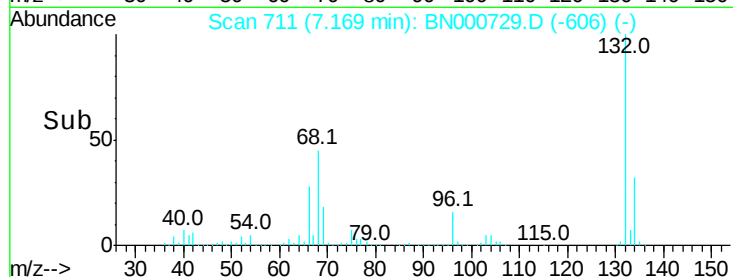
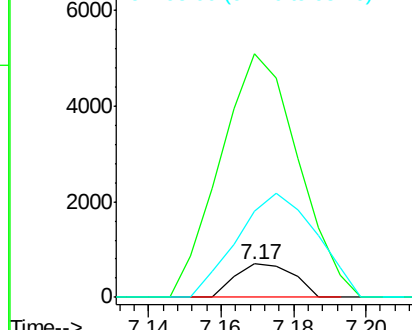
93 100

63 735.5 67.1 107.1#

95 260.0 11.5 51.5#



Abundance Ion 93.00 (92.70 to 93.70): BN0
Ion 63.00 (62.70 to 63.70): BN0
Ion 95.00 (94.70 to 95.70): BN0



#15

Benzyl Alcohol

Concen: 2.202 ng

RT: 7.95 min Scan# 844

Delta R.T. 0.08 min

Lab File: BN000729.D

Acq: 10 Apr 2018 02:35

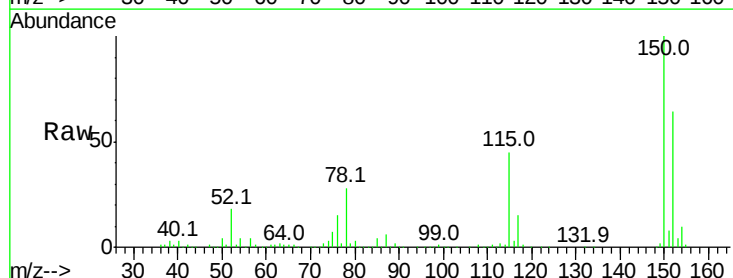
Tgt Ion: 79 Resp: 19516

Ion Ratio Lower Upper

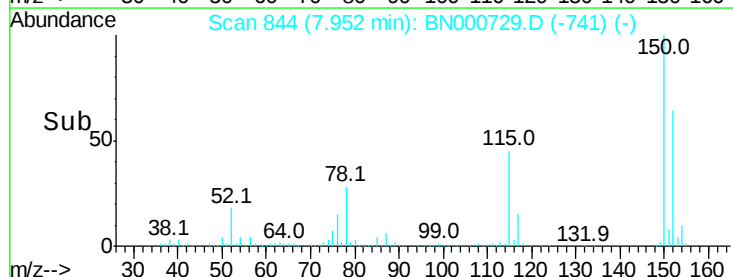
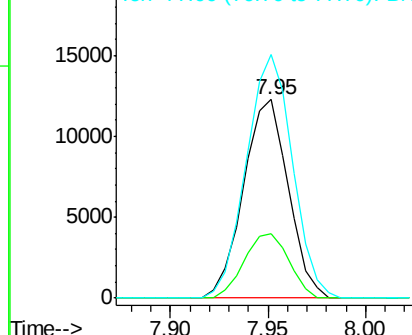
79 100

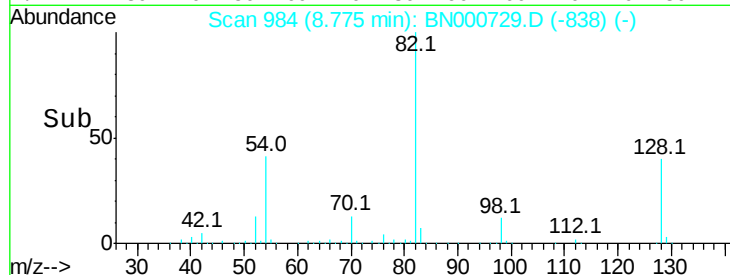
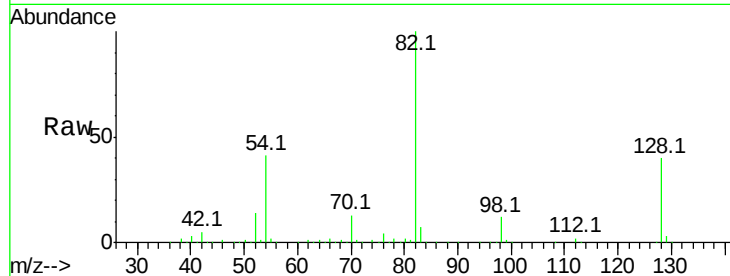
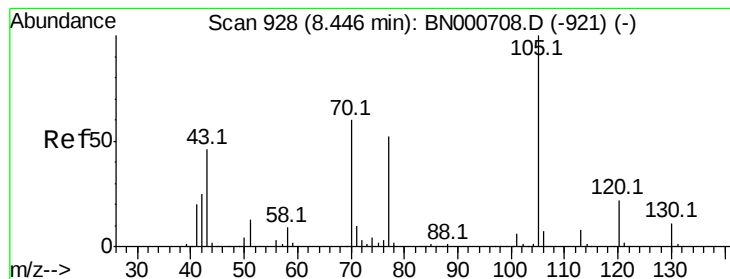
108 32.8 57.2 85.8#

77 122.8 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BN0
Ion 108.00 (107.70 to 108.70): BN0
Ion 77.00 (76.70 to 77.70): BN0





#19

n-Nitroso-di-n-propylamine

Concen: 17.311 ng

RT: 8.78 min Scan# 984

Delta R.T. 0.33 min

Lab File: BN000729.D

Acq: 10 Apr 2018 02:35

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 70 Resp: 140815

Ion Ratio Lower Upper

70 100

42 36.0 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): BN000708.D (-921) (-)

Ion 42.00 (41.70 to 42.70): BN000708.D (-921) (-)

Ion 101.00 (100.70 to 101.70): BN000708.D (-921) (-)

Ion 130.00 (129.70 to 130.70): BN000708.D (-921) (-)

Time-->

8.70 8.75 8.80 8.85

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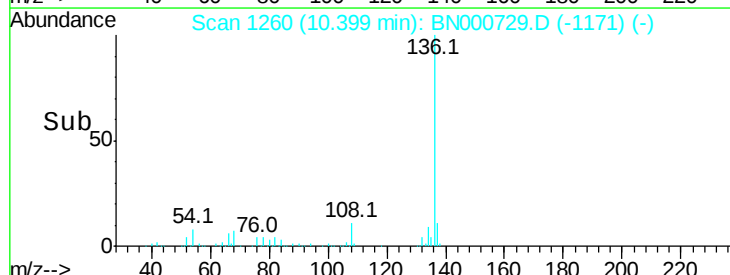
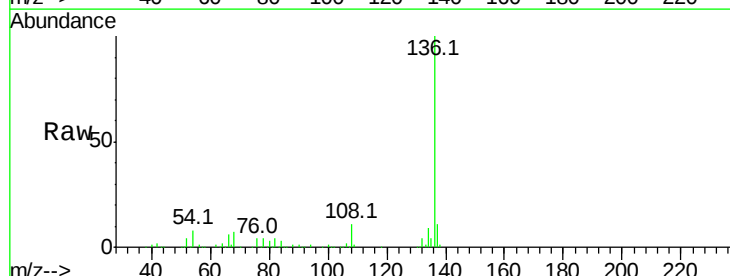
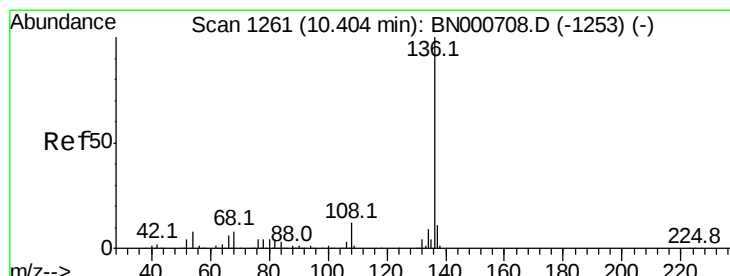
8.78

8.78

8.78

8.78

8.78



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.40 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BN000729.D

Acq: 10 Apr 2018 02:35

Tgt Ion:136 Resp: 594076

Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 7.7 10.3 15.5#

68 7.3 4.5 6.7#

Abundance Ion 136.00 (135.70 to 136.70): BN000708.D (-1253) (-)

Ion 137.00 (136.70 to 137.70): BN000708.D (-1253) (-)

Ion 54.00 (53.70 to 54.70): BN000708.D (-1253) (-)

Ion 68.00 (67.70 to 68.70): BN000708.D (-1253) (-)

Time-->

10.30 10.40

10.40

10.40

10.40

10.40

10.40

10.40

10.40

10.40

10.40

10.40

10.40

10.40

10.40

10.40

10.40

10.40

10.40

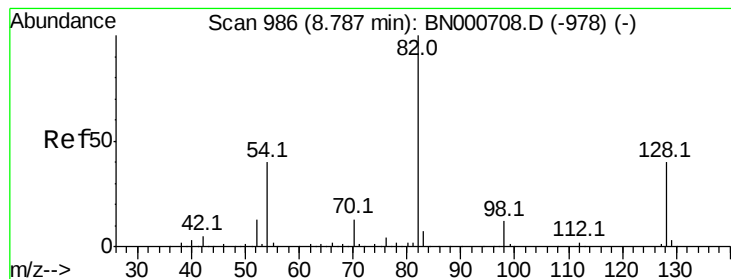
10.40

10.40

10.40

10.40

10.40



#23

Nitrobenzene-d5

Concen: 100.702 ng

RT: 8.78 min Scan# 985

Delta R.T. -0.01 min

Lab File: BN000729.D

Acq: 10 Apr 2018 02:35

Instrument :

BNA_N

ClientSampleId :

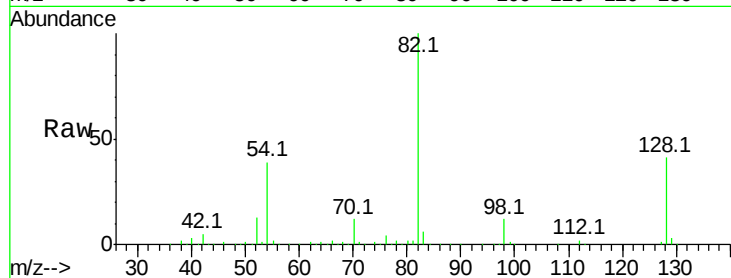
Tot Ion: 82 Resp: 1130520

Ion Ratio Lower Upper

82 100

128 40.5 29.7 44.5

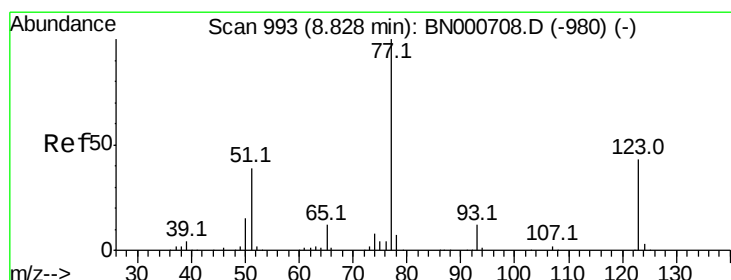
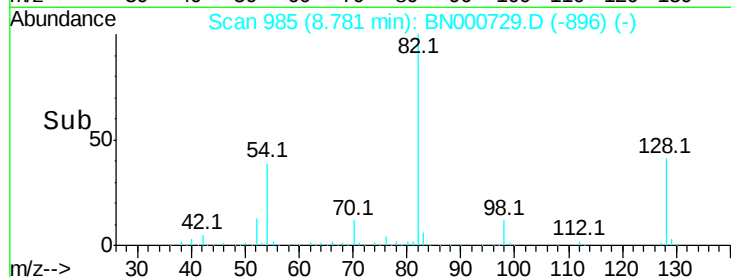
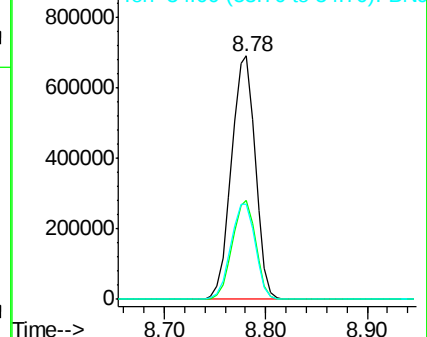
54 39.0 43.1 64.7#



Abundance Ion 82.00 (81.70 to 82.70): BN0

Ion 128.00 (127.70 to 128.70): BN0

Ion 54.00 (53.70 to 54.70): BN0



#24

Nitrobenzene

Concen: 0.277 ng

RT: 8.78 min Scan# 985

Delta R.T. -0.05 min

Lab File: BN000729.D

Acq: 10 Apr 2018 02:35

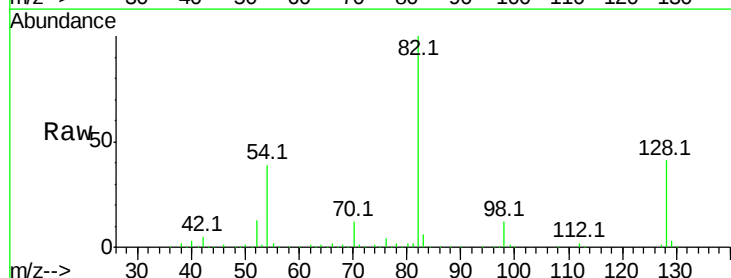
Tgt Ion: 77 Resp: 3375

Ion Ratio Lower Upper

77 100

123 0.0 33.0 49.6#

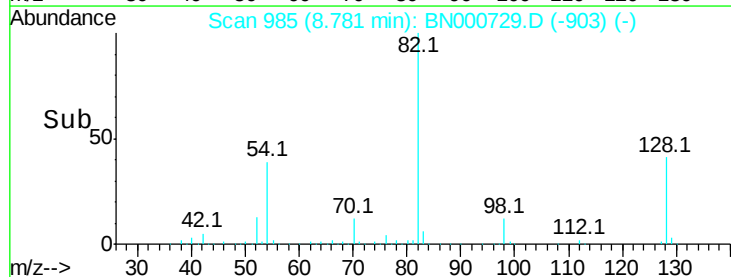
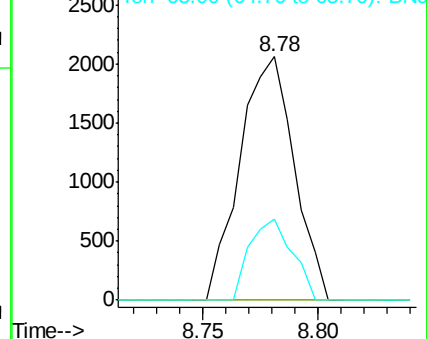
65 33.3 13.0 19.6#

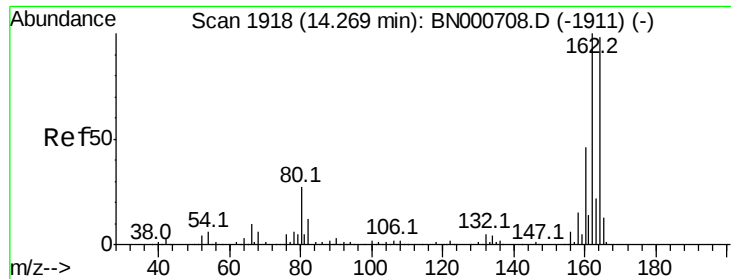


Abundance Ion 77.00 (76.70 to 77.70): BN0

Ion 123.00 (122.70 to 123.70): BN0

Ion 65.00 (64.70 to 65.70): BN0





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.26 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BN000729.D

Acq: 10 Apr 2018 02:35

Instrument :

BNA_N

ClientSampleId :

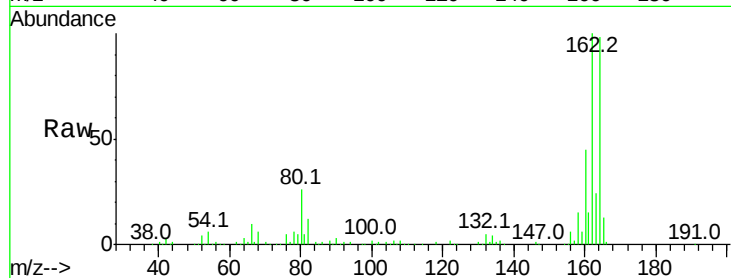
Tot Ion:164 Resp: 299142

Ion Ratio Lower Upper

164 100

162 102.3 78.8 118.2

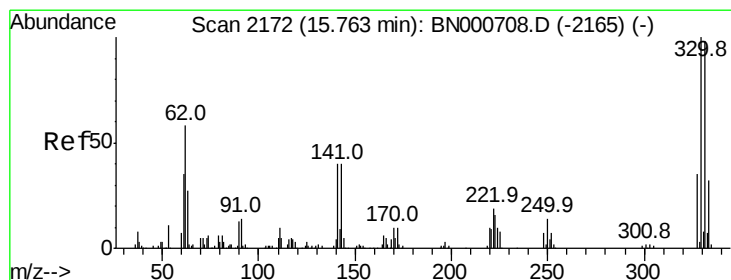
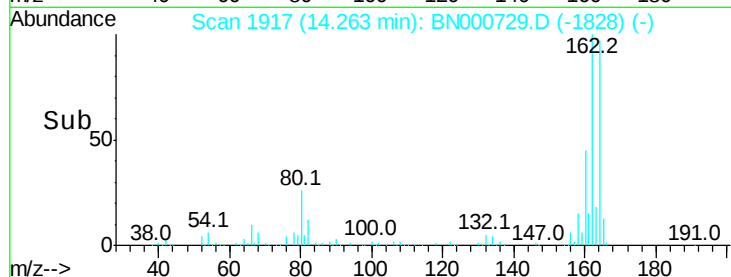
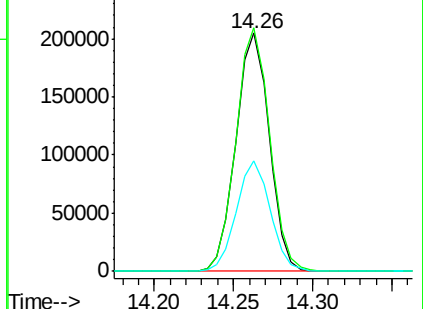
160 46.3 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 92.951 ng

RT: 15.75 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BN000729.D

Acq: 10 Apr 2018 02:35

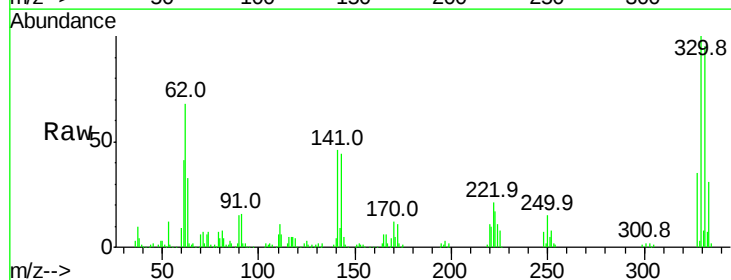
Tgt Ion:330 Resp: 273379

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

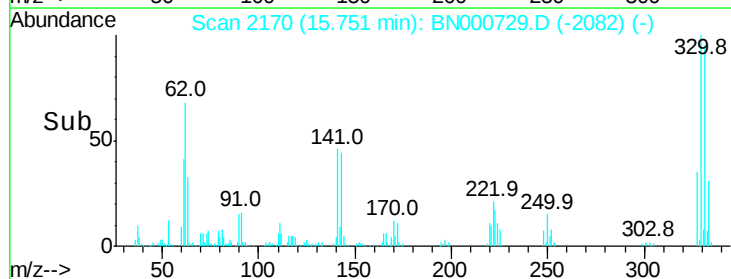
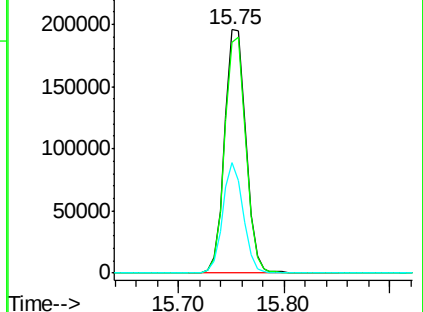
141 44.1 25.2 37.8#

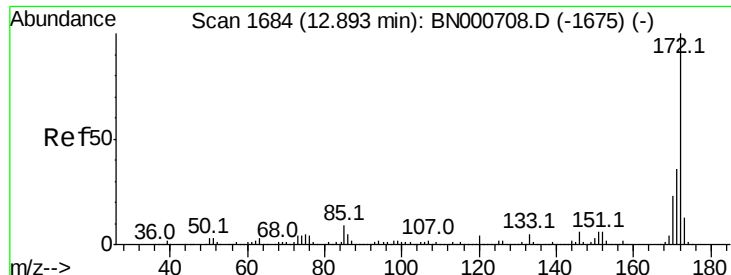


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



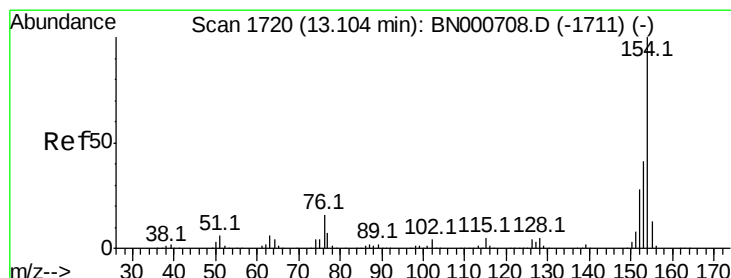
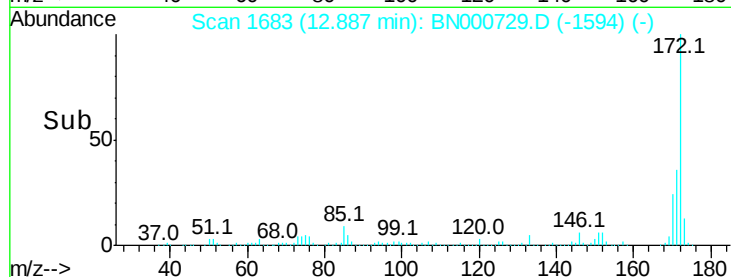
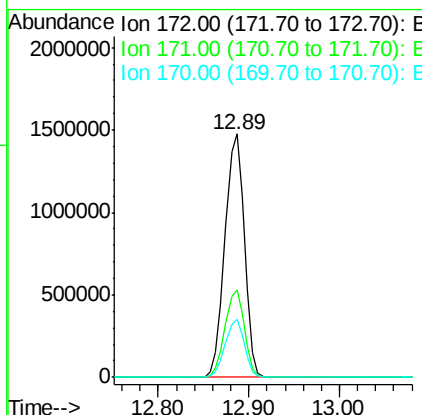
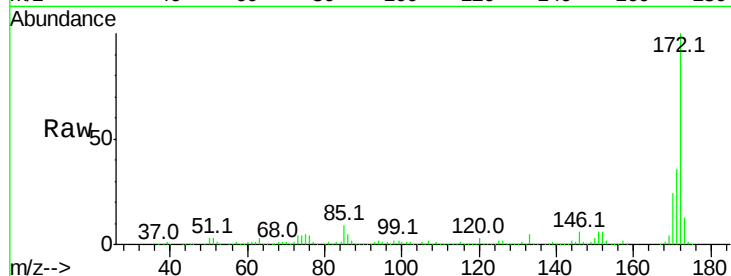


#44
 2-Fluorobiphenyl
 Concen: 101.499 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BN000729.D
 Acq: 10 Apr 2018 02:35

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:172 Resp: 2202994

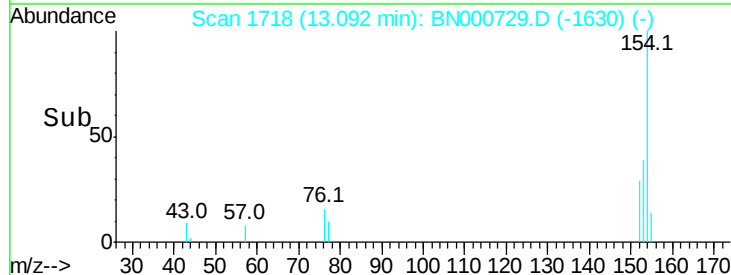
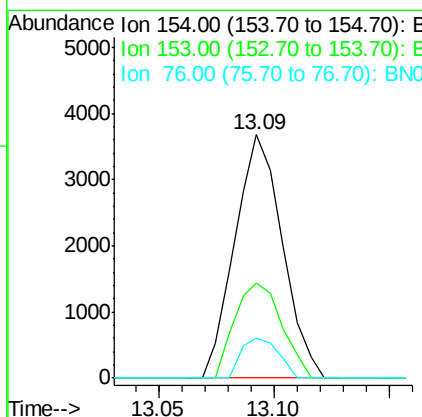
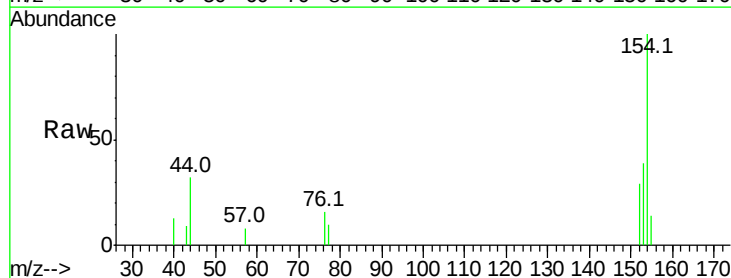
Ion	Ratio	Lower	Upper
172	100		
171	35.8	30.0	45.0
170	23.7	19.5	29.3

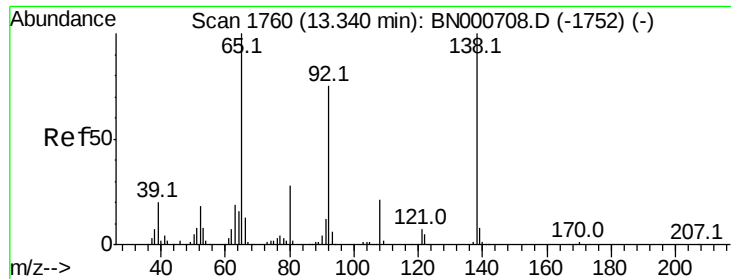


#45
 1,1'-Biphenyl
 Concen: 0.196 ng
 RT: 13.09 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BN000729.D
 Acq: 10 Apr 2018 02:35

Tgt Ion:154 Resp: 5270

Ion	Ratio	Lower	Upper
154	100		
153	39.3	19.8	59.8
76	16.4	0.0	31.9





#47

2-Nitroaniline

Concen: 0.048 ng

RT: 13.73 min Scan# 1826

Delta R.T. 0.39 min

Lab File: BN000729.D

Acq: 10 Apr 2018 02:35

Instrument :

BNA_N

ClientSampled :

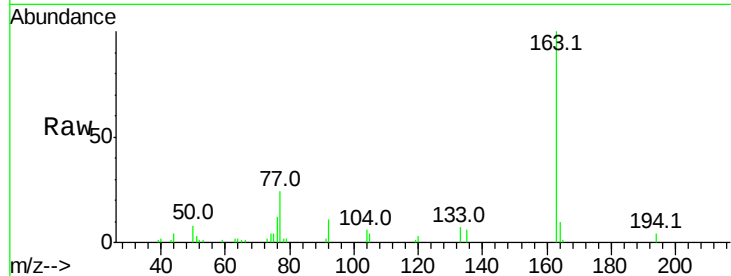
Tot Ion: 65 Resp: 272

Ion Ratio Lower Upper

65 100

92 896.7 54.6 82.0#

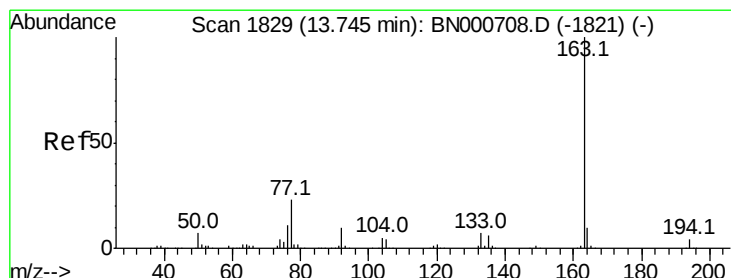
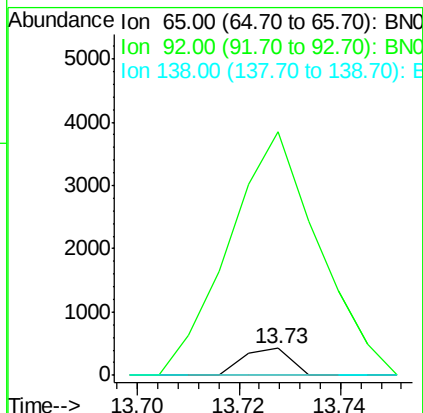
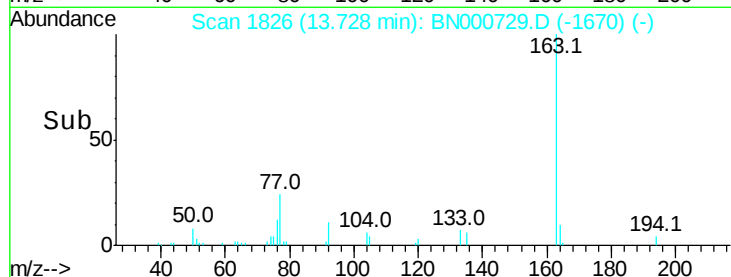
138 0.0 72.9 109.3#



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: 1.852 ng

RT: 13.73 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BN000729.D

Acq: 10 Apr 2018 02:35

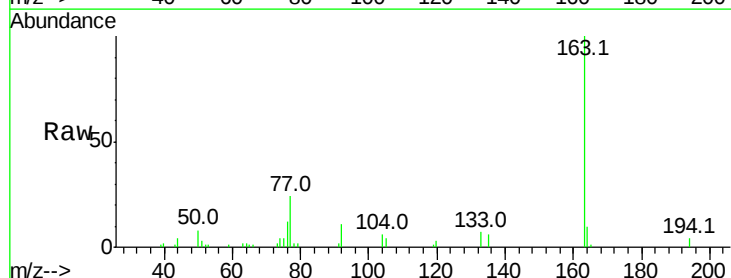
Tgt Ion:163 Resp: 44102

Ion Ratio Lower Upper

163 100

194 3.6 3.4 5.2

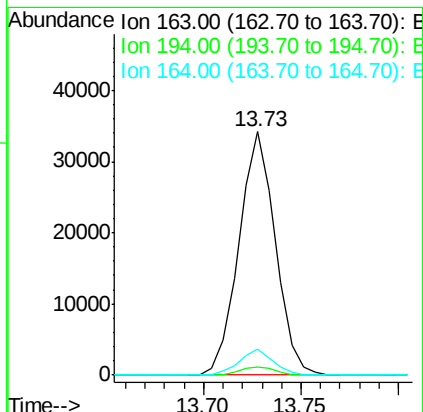
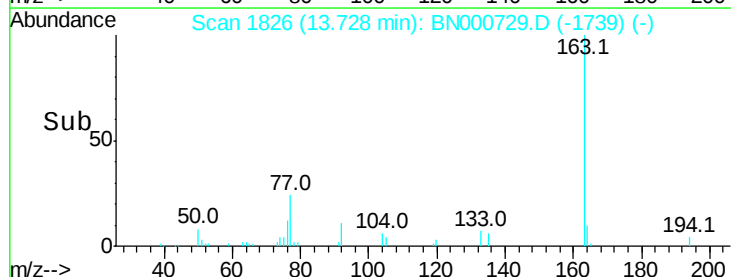
164 10.4 8.2 12.4

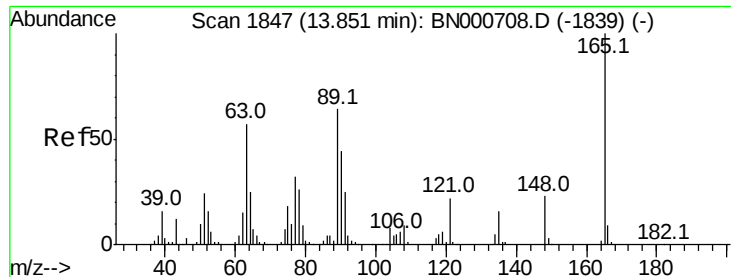


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

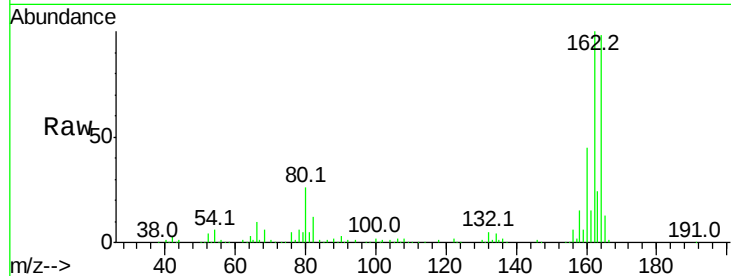




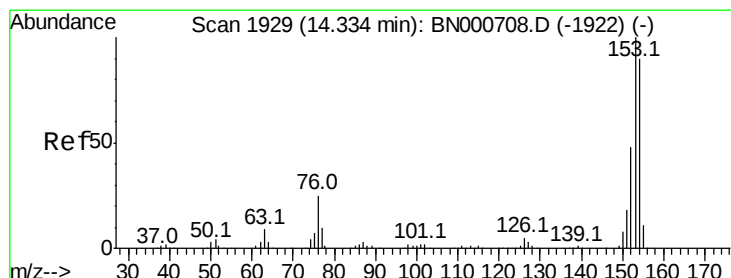
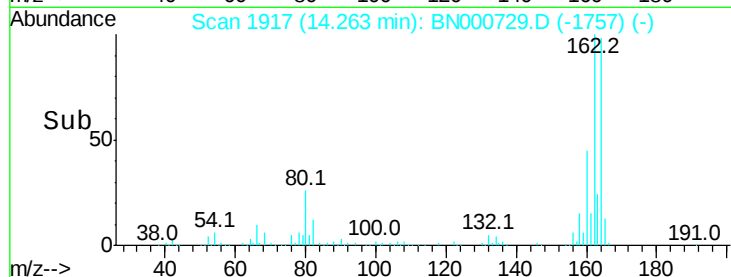
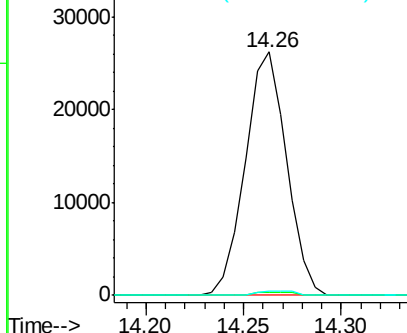
#50
2,6-Dinitrotoluene
Concen: 7.788 ng
RT: 14.26 min Scan# 1917
Delta R.T. 0.41 min
Lab File: BN000729.D
Acq: 10 Apr 2018 02:35

Instrument :
BNA_N
ClientSampleId :

Tot Ion:165 Resp: 38401
Ion Ratio Lower Upper
165 100
63 1.4 52.7 79.1#
89 1.8 49.2 73.8#

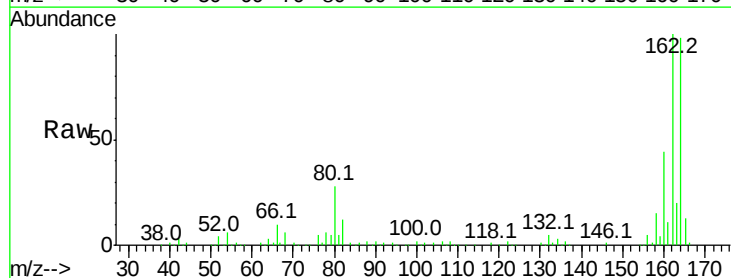


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BNC
Ion 89.00 (88.70 to 89.70): BNC

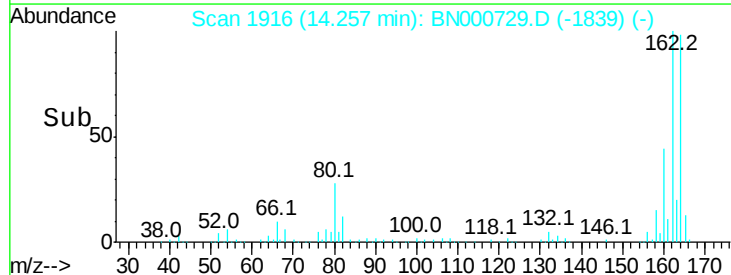
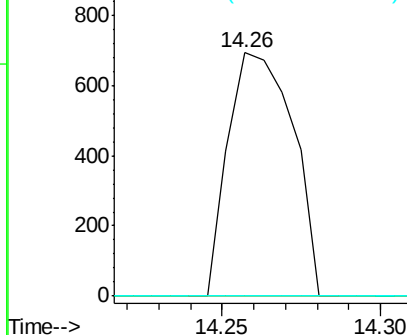


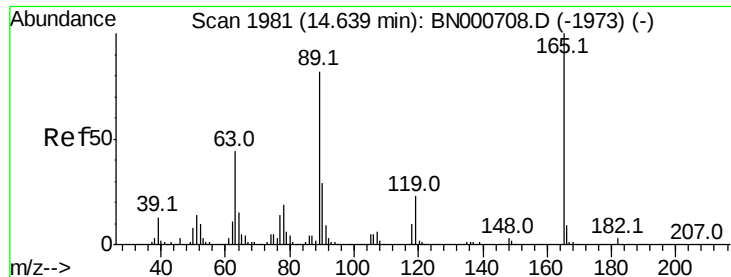
#51
Acenaphthene
Concen: 0.050 ng
RT: 14.26 min Scan# 1916
Delta R.T. -0.08 min
Lab File: BN000729.D
Acq: 10 Apr 2018 02:35

Tgt Ion:154 Resp: 980
Ion Ratio Lower Upper
154 100
153 0.0 90.4 135.6#
152 0.0 41.6 62.4#



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

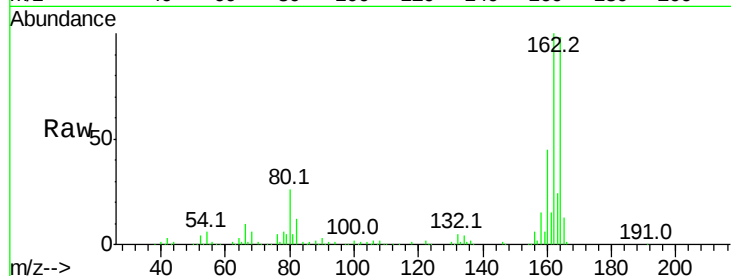




#56
2,4-Dinitrotoluene
Concen: 5.998 ng
RT: 14.26 min Scan# 1917
Delta R.T. -0.38 min
Lab File: BN000729.D
Acq: 10 Apr 2018 02:35

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	42.0	63.0#
89	1.8	66.9	100.3#
182	0.0	2.6	3.8#

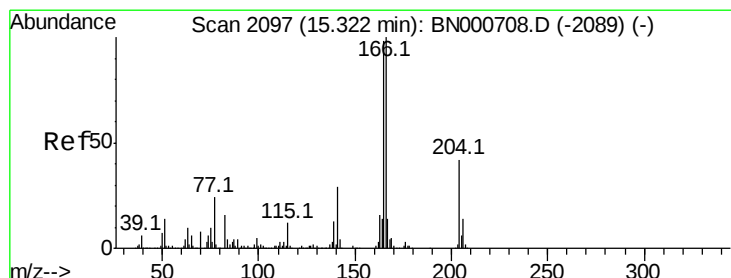
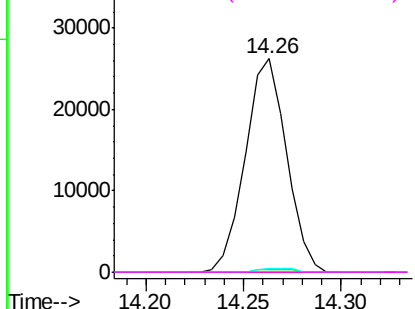
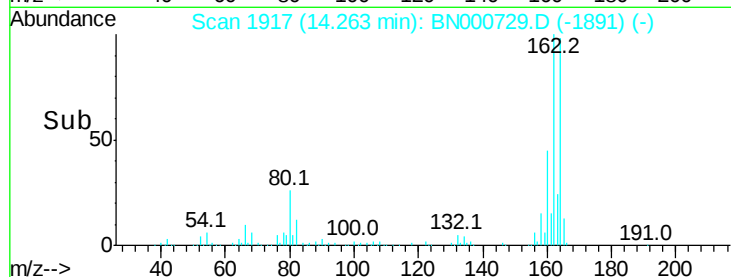


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

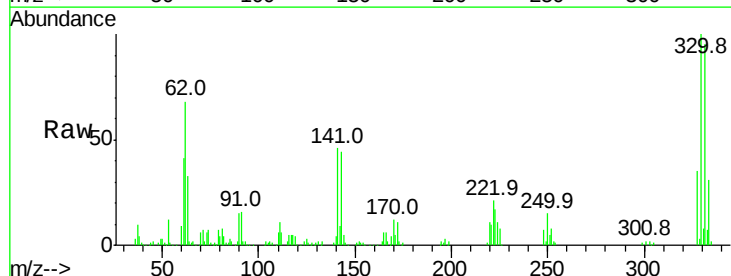
Ion 89.00 (88.70 to 89.70): BNC

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 0.711 ng
RT: 15.75 min Scan# 2170
Delta R.T. 0.43 min
Lab File: BN000729.D
Acq: 10 Apr 2018 02:35

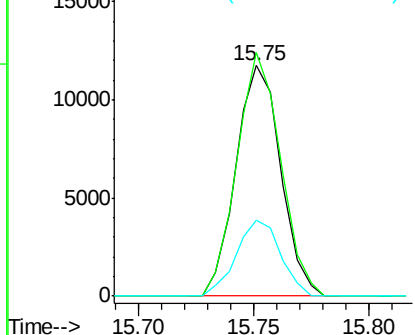
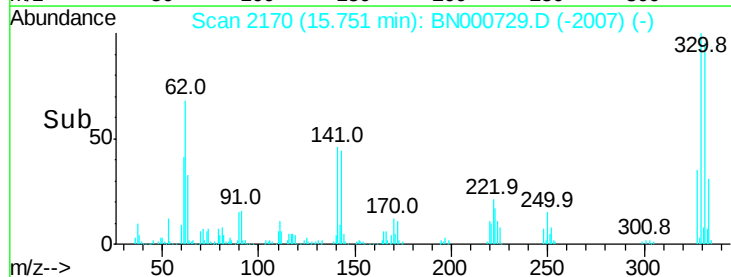
Tgt Ion	Ratio	Lower	Upper
166	100		
165	105.6	80.6	121.0
167	33.1	10.4	15.6#

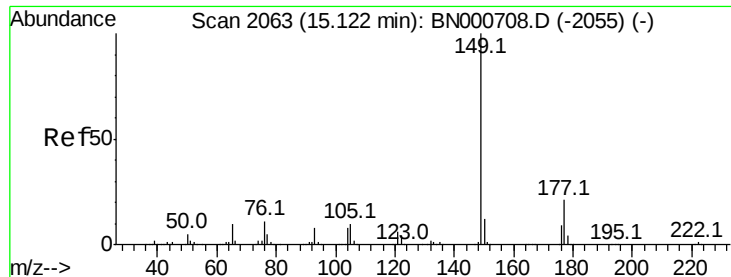


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

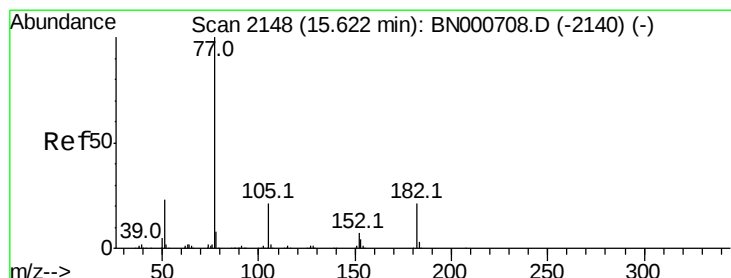
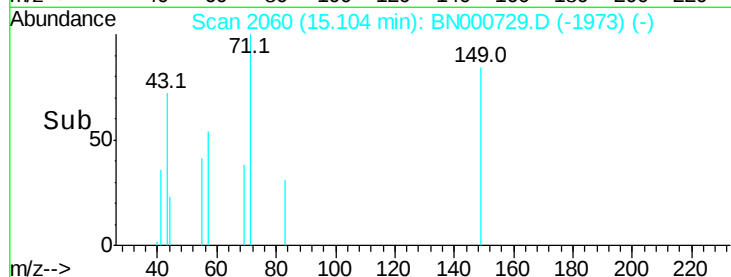
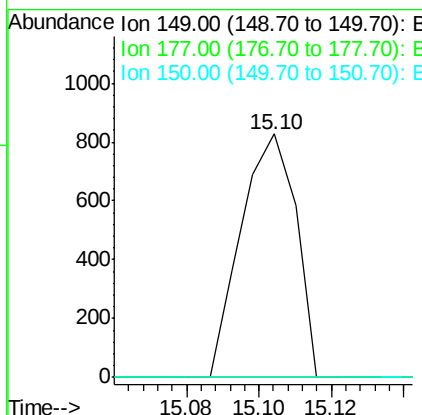
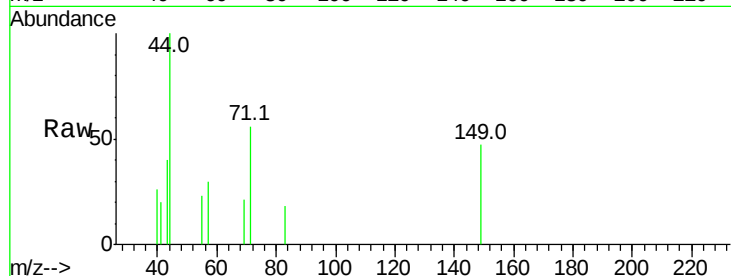




#59
Diethylphthalate
Concen: 0.037 ng
RT: 15.10 min Scan# 2060
Delta R.T. -0.02 min
Lab File: BN000729.D
Acq: 10 Apr 2018 02:35

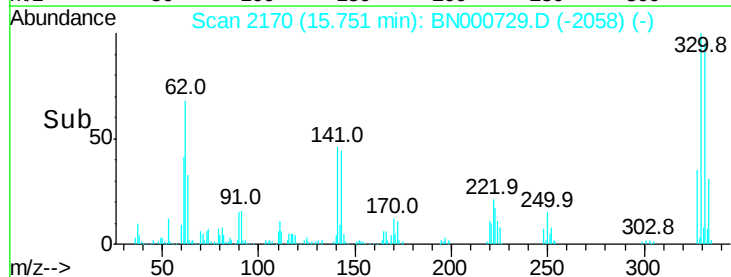
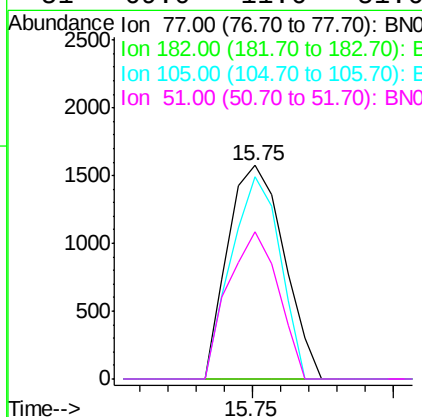
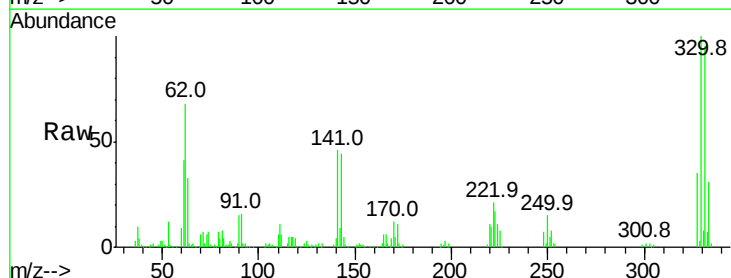
Instrument :
BNA_N
ClientSampled :

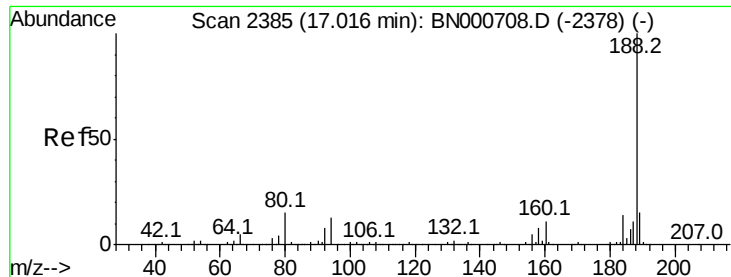
Tot Ion:149 Resp: 870
Ion Ratio Lower Upper
149 100
177 0.0 18.5 27.7#
150 0.0 10.2 15.2#



#62
Azobenzene
Concen: 0.084 ng
RT: 15.75 min Scan# 2170
Delta R.T. 0.13 min
Lab File: BN000729.D
Acq: 10 Apr 2018 02:35

Tgt Ion: 77 Resp: 2175
Ion Ratio Lower Upper
77 100
182 0.0 7.4 47.4#
105 94.7 0.3 40.3#
51 69.0 11.6 51.6#

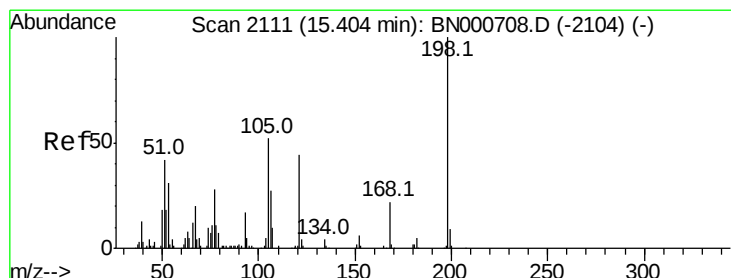
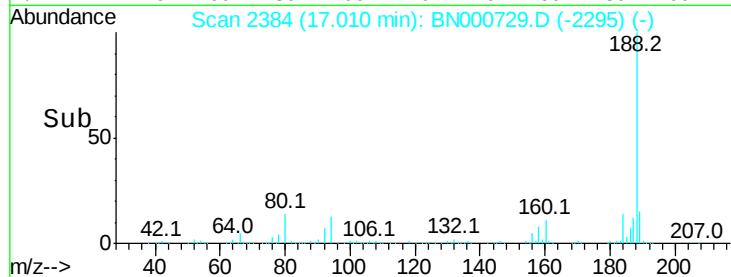
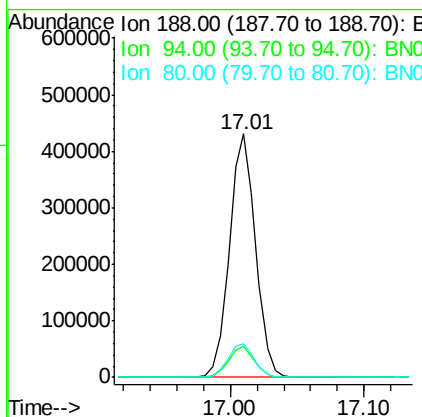
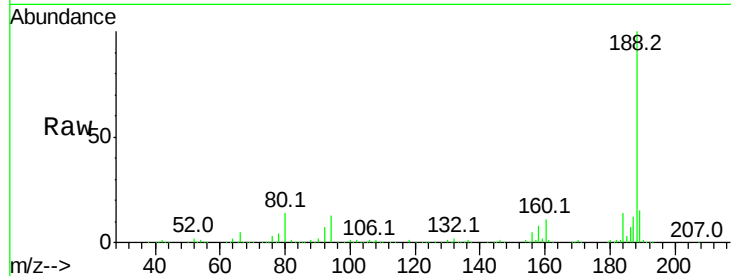




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.01 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BN000729.D
Acq: 10 Apr 2018 02:35

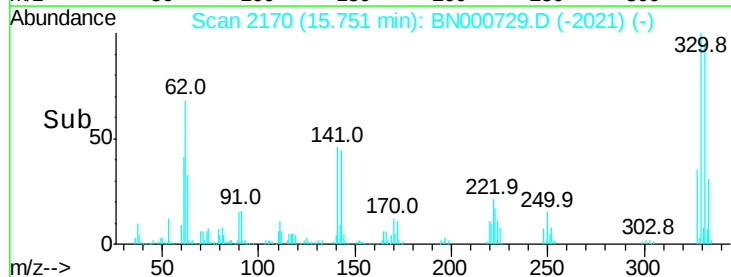
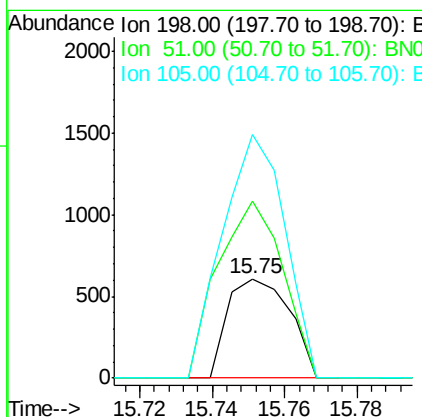
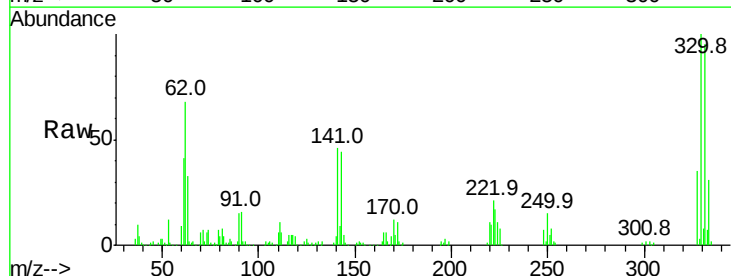
Instrument :
BNA_N
ClientSampled :

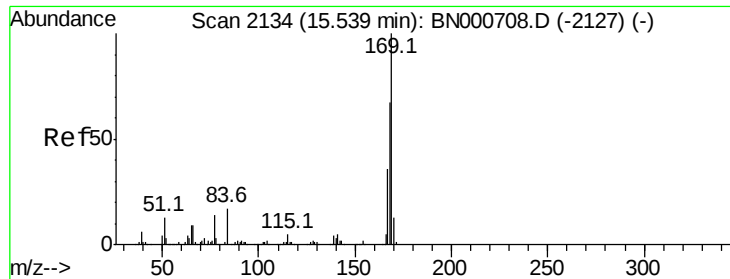
Tot Ion:188 Resp: 583852
Ion Ratio Lower Upper
188 100
94 12.6 6.9 10.3#
80 14.0 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 0.208 ng
RT: 15.75 min Scan# 2170
Delta R.T. 0.35 min
Lab File: BN000729.D
Acq: 10 Apr 2018 02:35

Tgt Ion:198 Resp: 724
Ion Ratio Lower Upper
198 100
51 178.5 30.6 70.6#
105 244.8 23.8 63.8#

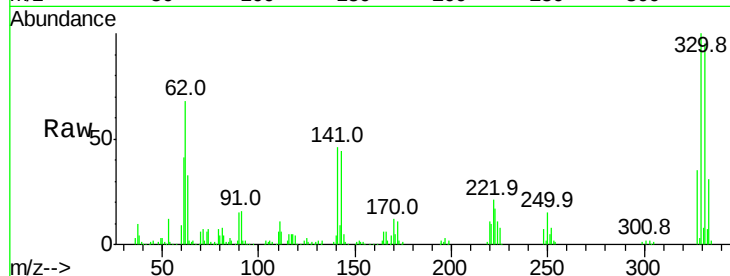




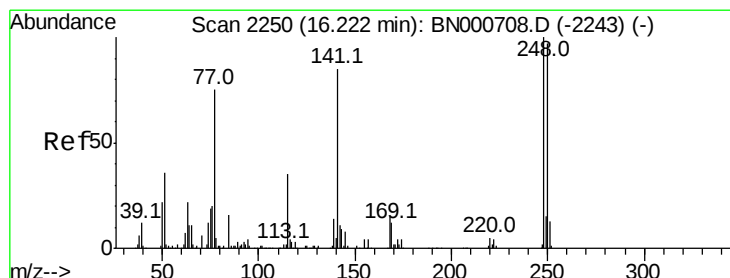
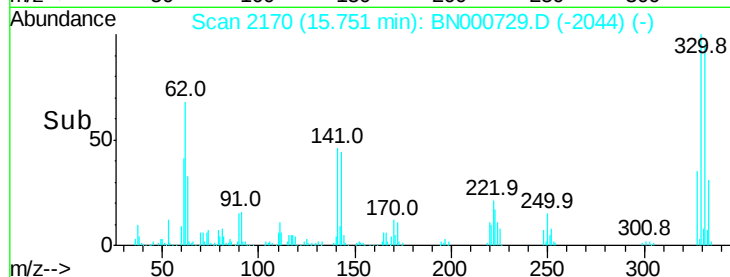
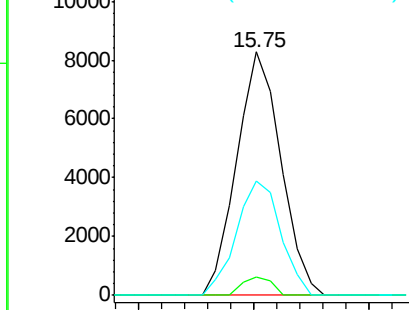
#65
n-Nitrosodiphenylamine
Concen: 0.566 ng
RT: 15.75 min Scan# 2170
Delta R.T. 0.21 min
Lab File: BN000729.D
Acq: 10 Apr 2018 02:35

Instrument :
BNA_N
ClientSampleId :

Tot Ion:169 Resp: 11026
Ion Ratio Lower Upper
169 100
168 7.7 55.7 83.5#
167 46.9 30.1 45.1#

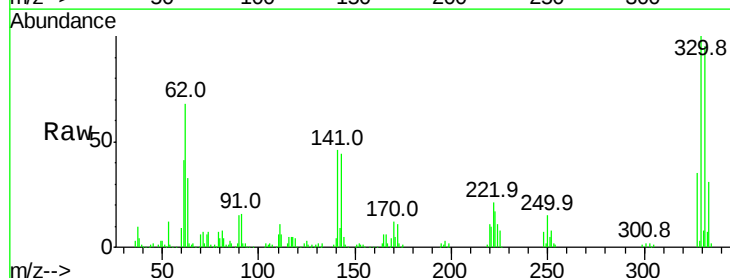


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

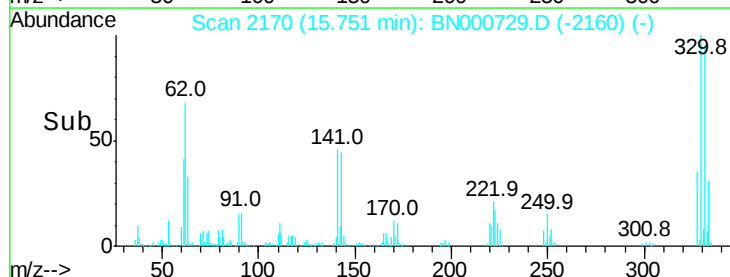
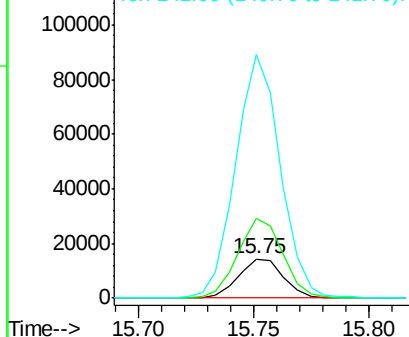


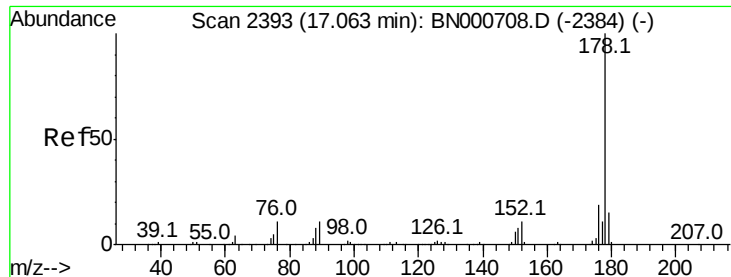
#66
4-Bromophenyl-phenylether
Concen: 3.333 ng
RT: 15.75 min Scan# 2170
Delta R.T. -0.47 min
Lab File: BN000729.D
Acq: 10 Apr 2018 02:35

Tgt Ion:248 Resp: 19457
Ion Ratio Lower Upper
248 100
250 202.6 77.1 115.7#
141 619.7 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: 0.007 ng

RT: 17.05 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BN000729.D

Acq: 10 Apr 2018 02:35

Instrument :

BNA_N

ClientSampleId :

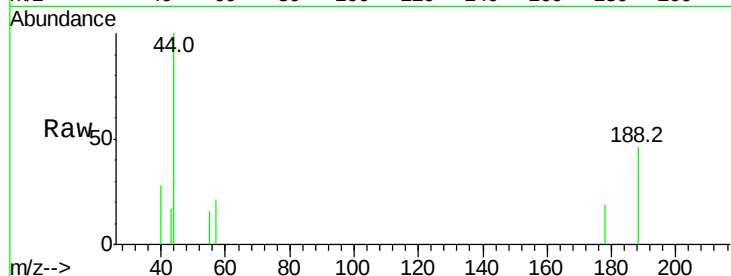
Tot Ion:178 Resp: 250

Ion Ratio Lower Upper

178 100

176 0.0 15.7 23.5#

179 0.0 12.5 18.7#

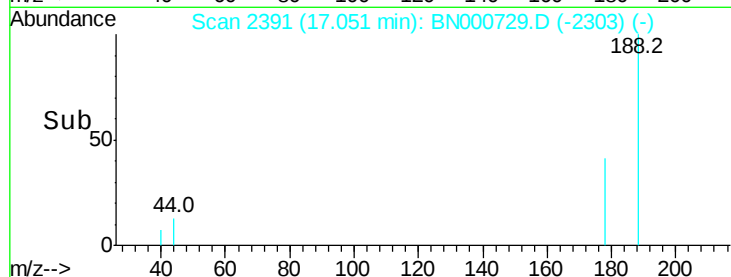


Abundance Ion 178.00 (177.70 to 178.70): E

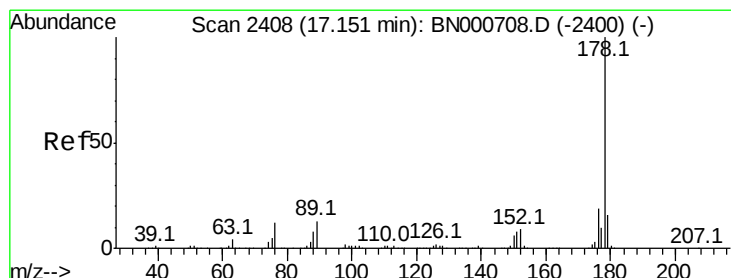
Ion 176.00 (175.70 to 176.70): E

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: BN000729.D

Acq: 10 Apr 2018 02:35

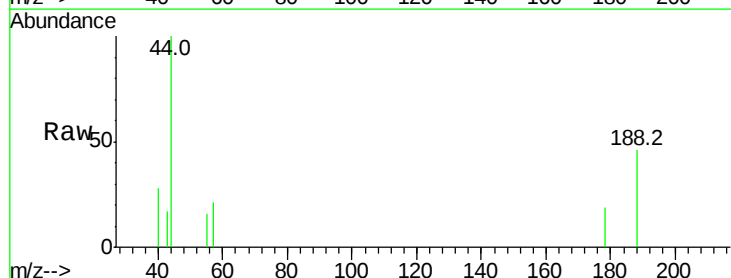
Tgt Ion:178 Resp: 250

Ion Ratio Lower Upper

178 100

176 0.0 16.0 24.0#

179 0.0 12.5 18.7#

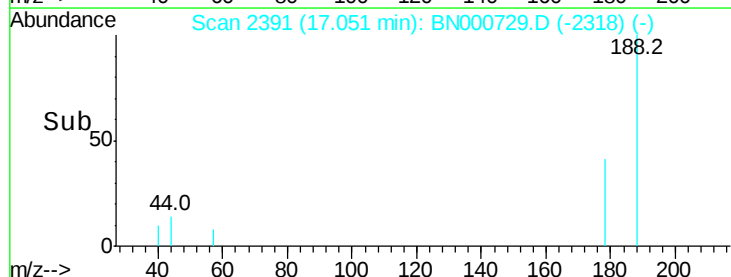


Abundance Ion 178.00 (177.70 to 178.70): E

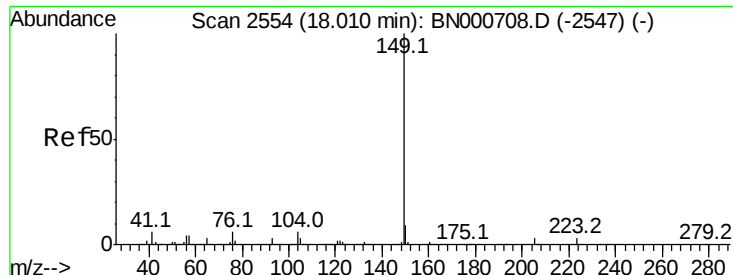
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

17.05



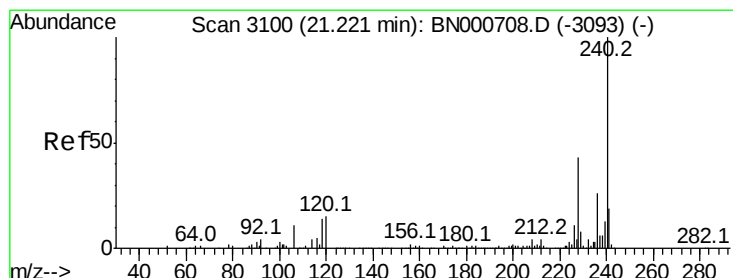
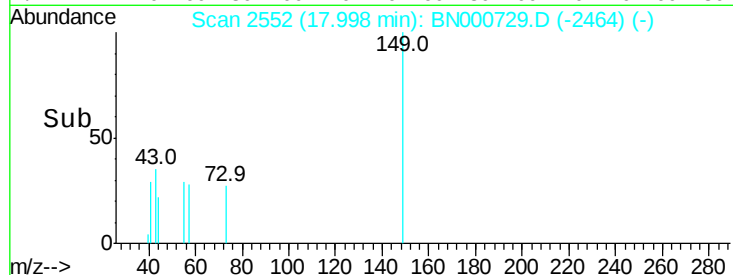
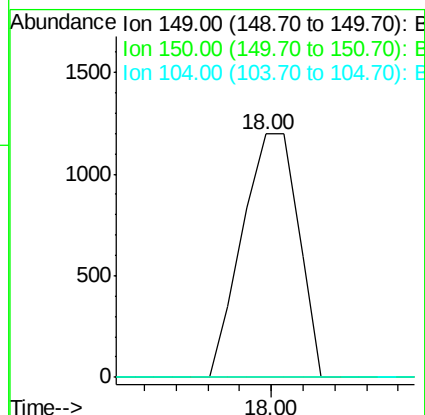
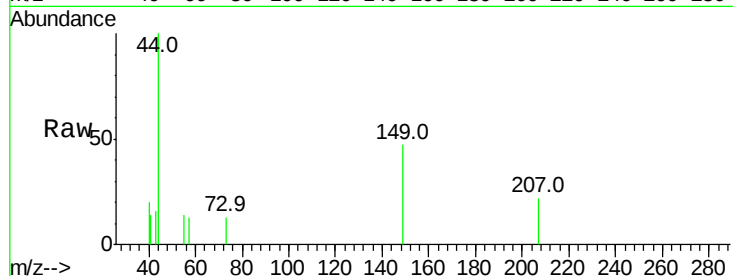
Time--> 17.02 17.04 17.06



#73
Di-n-butylphthalate
Concen: 0.040 ng
RT: 18.00 min Scan# 2552
Delta R.T. -0.01 min
Lab File: BN000729.D
Acq: 10 Apr 2018 02:35

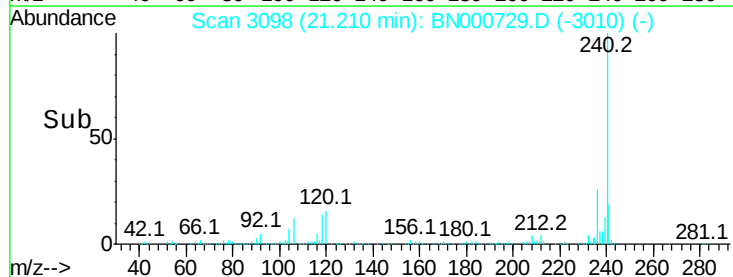
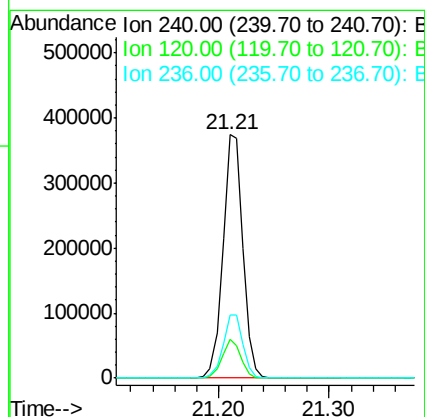
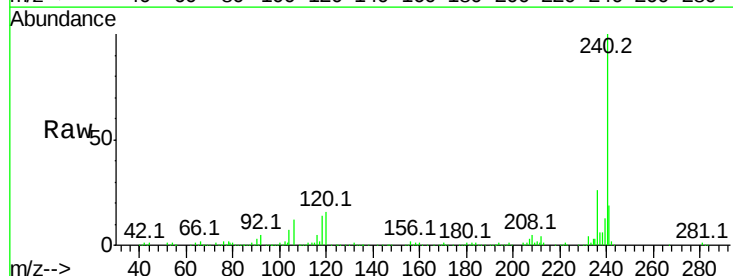
Instrument :
BNA_N
ClientSampleId :

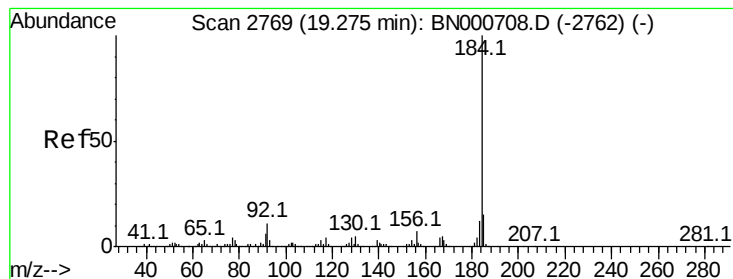
Tot Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.8	11.6#
104	0.0	3.9	5.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.21 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BN000729.D
Acq: 10 Apr 2018 02:35

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.9	6.8	10.2#
236	25.8	20.9	31.3





#76

Benzidine

Concen: 2.694 ng

RT: 19.66 min Scan# 2834

Delta R.T. 0.38 min

Lab File: BN000729.D

Acq: 10 Apr 2018 02:35

Instrument :

BNA_N

ClientSampleId :

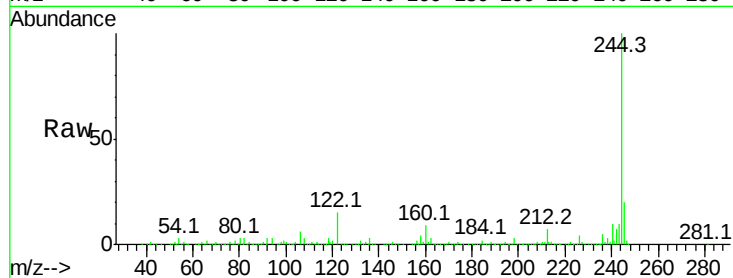
Tot Ion:184 Resp: 34577

Ion Ratio Lower Upper

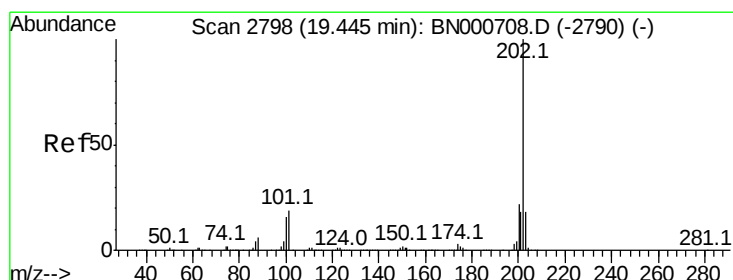
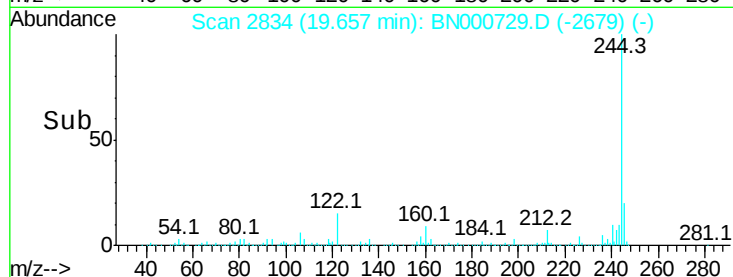
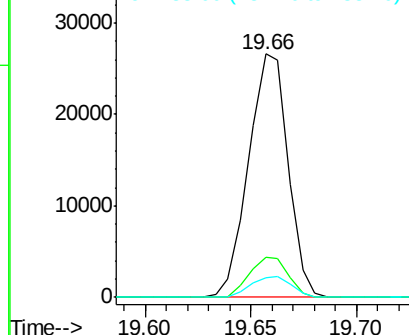
184 100

185 16.5 11.1 16.7

183 8.2 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: 0.240 ng

RT: 19.66 min Scan# 2835

Delta R.T. 0.22 min

Lab File: BN000729.D

Acq: 10 Apr 2018 02:35

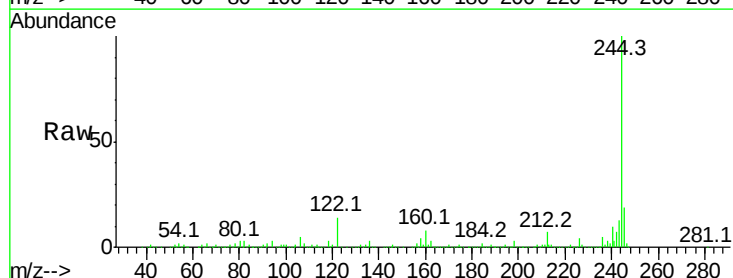
Tgt Ion:202 Resp: 8044

Ion Ratio Lower Upper

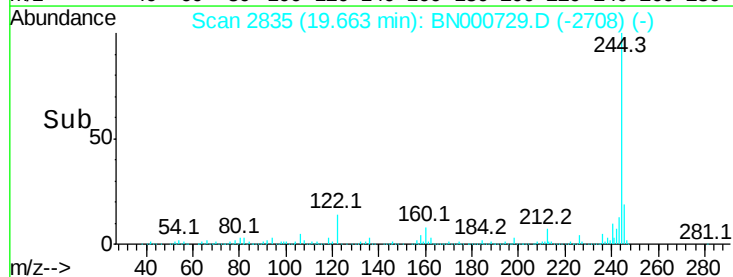
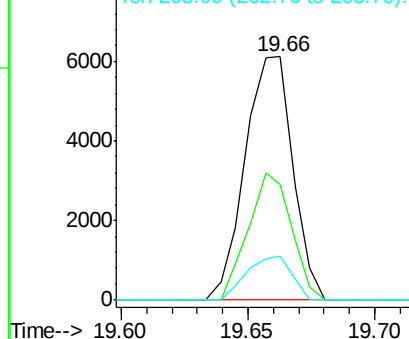
202 100

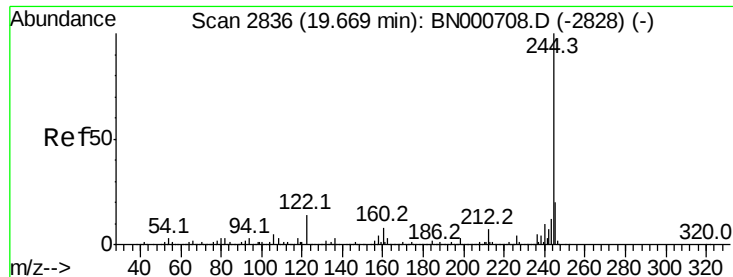
200 47.2 16.9 25.3#

203 18.0 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: 105.324 ng

RT: 19.66 min Scan# 2834

Delta R.T. -0.01 min

Lab File: BN000729.D

Acq: 10 Apr 2018 02:35

Instrument :

BNA_N

ClientSampleId :

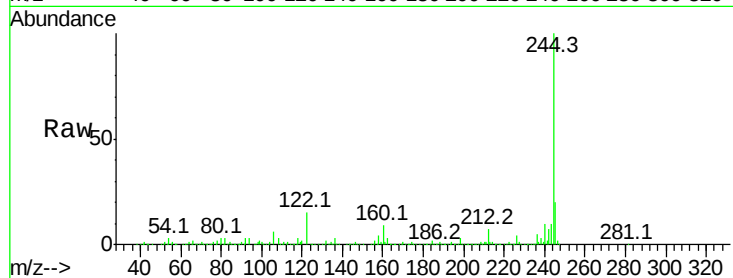
Tot Ion:244 Resp: 2264176

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

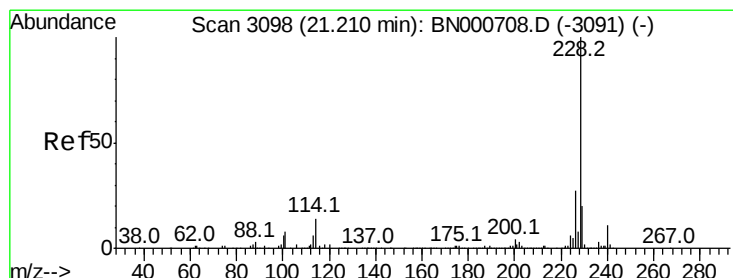
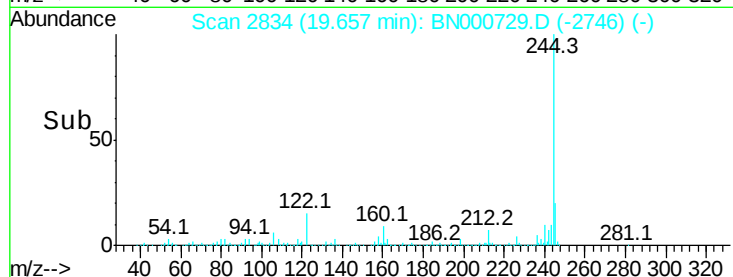
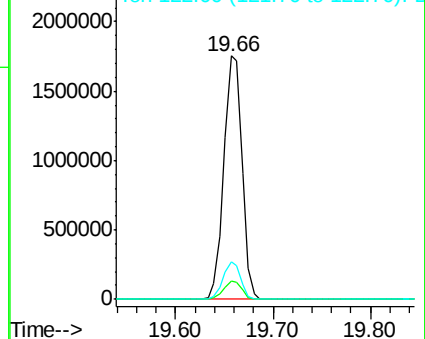
122 15.2 7.0 10.4#



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: 0.034 ng

RT: 21.21 min Scan# 3098

Delta R.T. -0.00 min

Lab File: BN000729.D

Acq: 10 Apr 2018 02:35

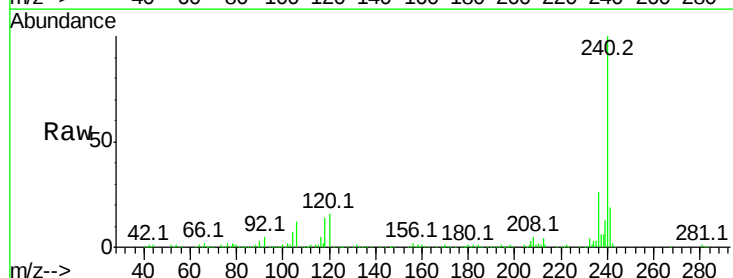
Tgt Ion:228 Resp: 1012

Ion Ratio Lower Upper

228 100

226 0.0 22.7 34.1#

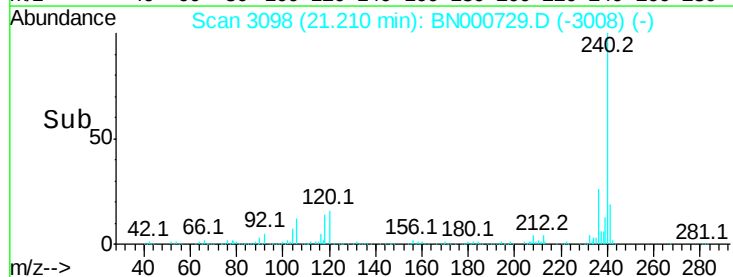
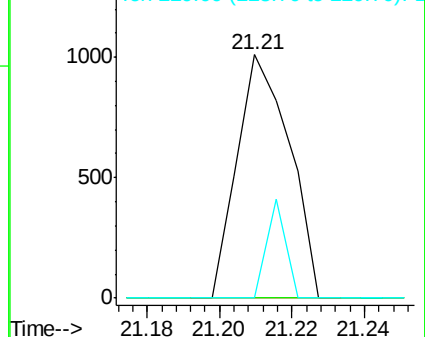
229 0.0 16.2 24.2#

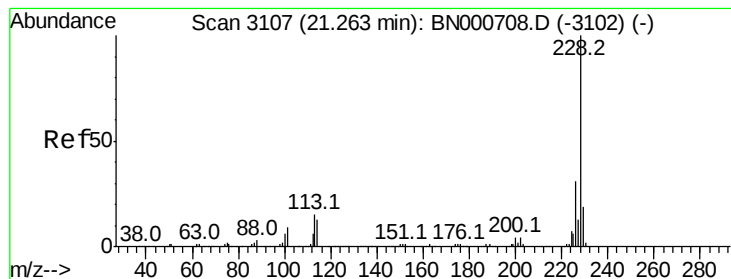


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 0.035 ng

RT: 21.21 min Scan# 3098

Delta R.T. -0.05 min

Lab File: BN000729.D

Acq: 10 Apr 2018 02:35

Instrument :

BNA_N

ClientSampled :

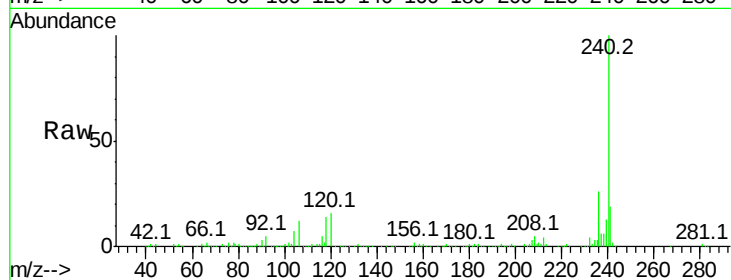
Tot Ion:228 Resp: 1012

Ion Ratio Lower Upper

228 100

226 0.0 24.9 37.3#

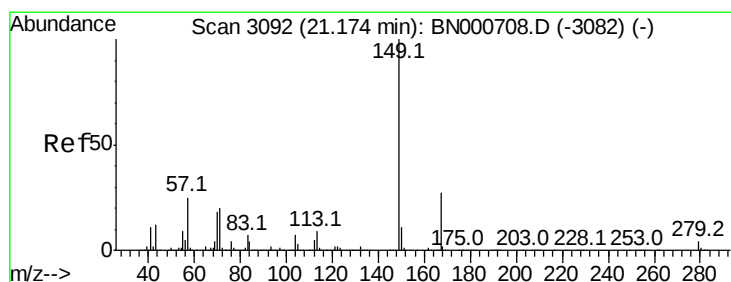
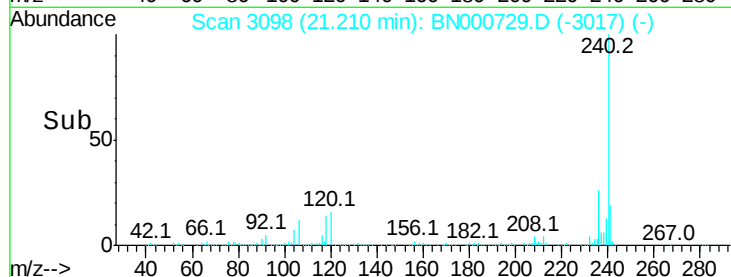
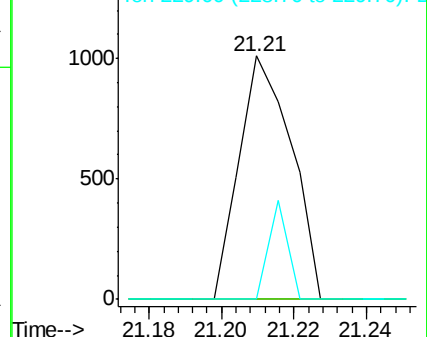
229 0.0 15.0 22.4#



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: 0.038 ng

RT: 21.16 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BN000729.D

Acq: 10 Apr 2018 02:35

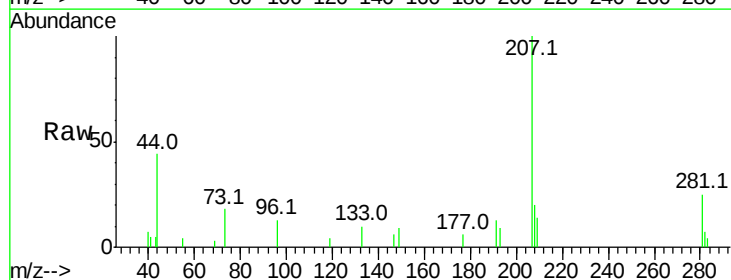
Tgt Ion:149 Resp: 809

Ion Ratio Lower Upper

149 100

167 0.0 24.3 36.5#

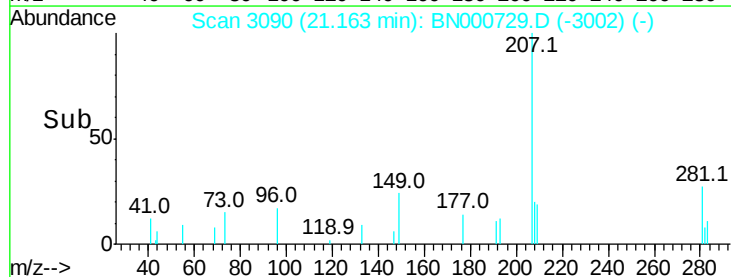
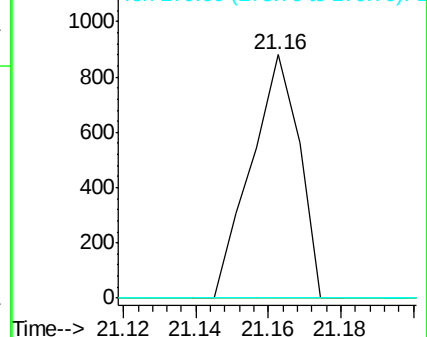
279 0.0 4.0 6.0#

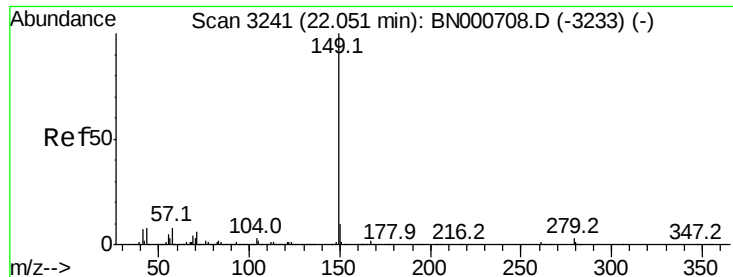


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

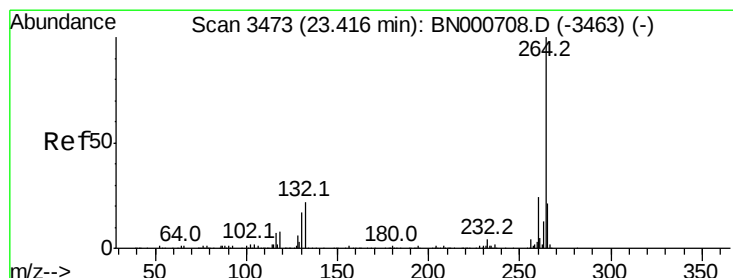
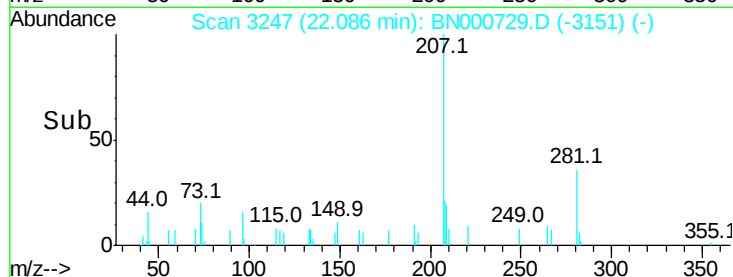
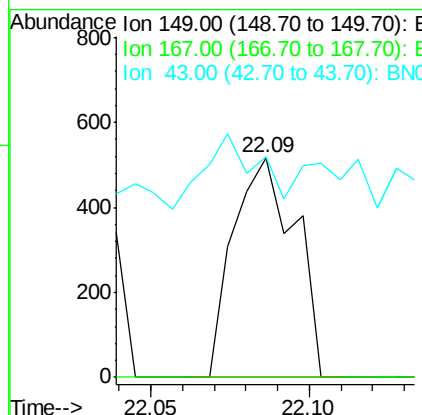
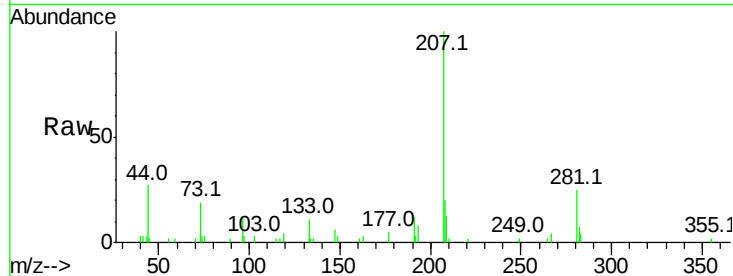




#84
Di-n-octyl phthalate
Concen: 0.024 ng
RT: 22.09 min Scan# 3247
Delta R.T. 0.04 min
Lab File: BN000729.D
Acq: 10 Apr 2018 02:35

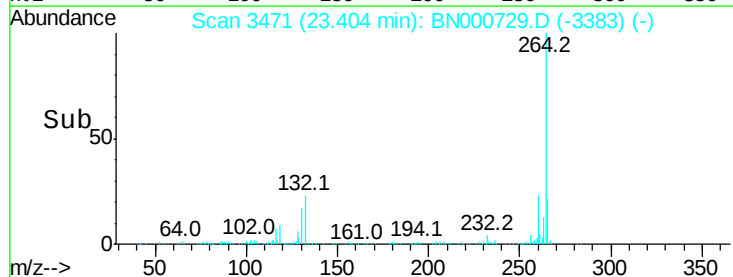
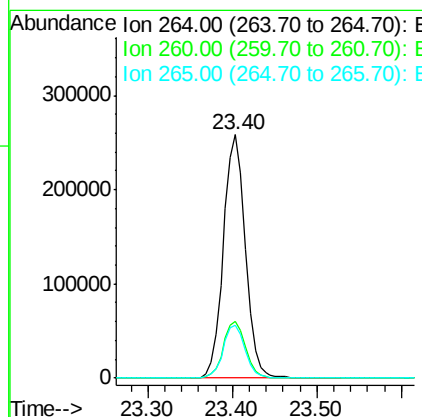
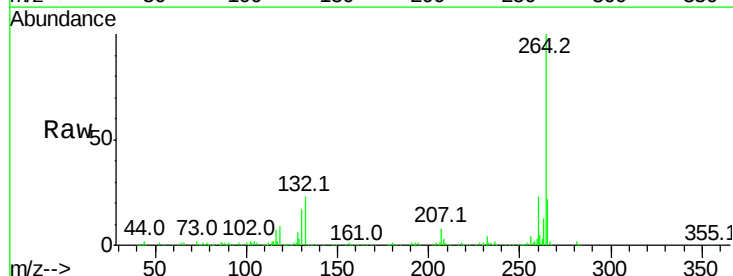
Instrument :
BNA_N
ClientSampleId :

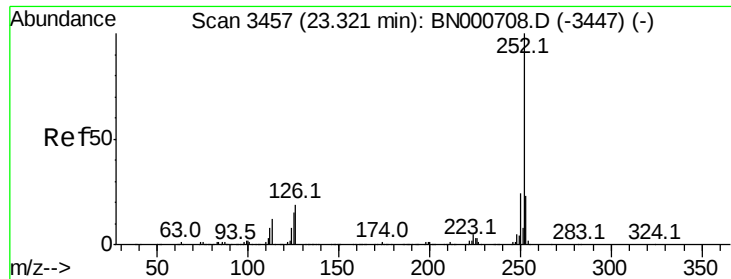
Tot Ion:149 Resp: 699
Ion Ratio Lower Upper
149 100
167 0.0 1.4 2.0#
43 40.1 8.9 13.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.40 min Scan# 3471
Delta R.T. -0.01 min
Lab File: BN000729.D
Acq: 10 Apr 2018 02:35

Tgt Ion:264 Resp: 466329
Ion Ratio Lower Upper
264 100
260 23.1 17.4 26.0
265 21.7 17.7 26.5





#89

Benzo(a)pyrene

Concen: 0.061 ng

RT: 23.40 min Scan# 3471

Delta R.T. 0.08 min

Lab File: BN000729.D

Acq: 10 Apr 2018 02:35

Instrument :

BNA_N

ClientSampleId :

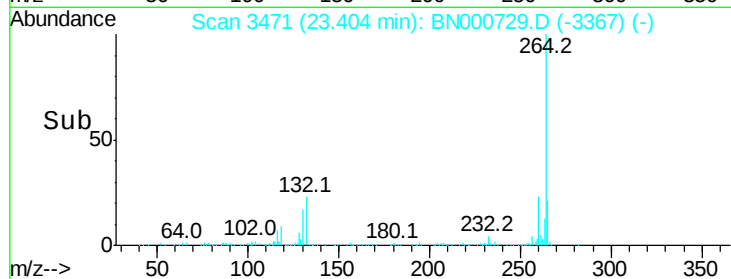
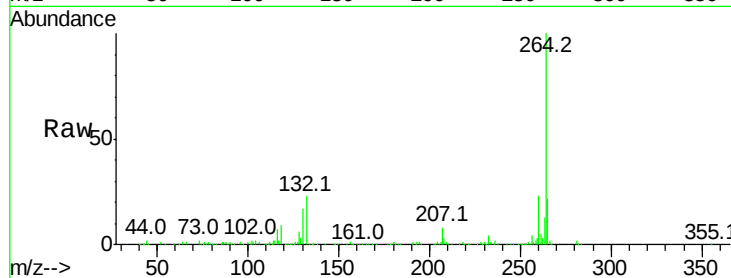
Tot Ion:252 Resp: 1571

Ion Ratio Lower Upper

252 100

253 50.4 18.3 27.5#

125 34.7 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

