

Data Path : Z:\HPCHEM1\BNA N\DATA\BN040918\
 Data File : BN000724.D
 Acq On : 09 Apr 2018 23:44
 Operator : JU/SJ
 Sample : J2292-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 10 04:36:13 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	161168	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	695762	20.00	ng	0.00
38) Acenaphthene-d10	14.26	164	375327	20.00	ng	0.00
63) Phenanthrene-d10	17.01	188	791647	20.00	ng	0.00
75) Chrysene-d12	21.22	240	667620	20.00	ng	0.00
86) Perylene-d12	23.40	264	574554	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	420670	38.54	ng	0.00
7) Phenol-d6	6.81	99	330796	22.26	ng	0.00
23) Nitrobenzene-d5	8.78	82	1364866	103.81	ng	0.00
41) 2,4,6-Tribromophenol	15.76	330	395001	107.04	ng	0.00
44) 2-Fluorobiphenyl	12.89	172	2688608	98.73	ng	0.00
78) Terphenyl-d14	19.66	244	3302636	108.05	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.25	88	126	0.025	ng	# 27
4) n-Nitrosodimethylamine	3.38	42	548	0.150	ng	# 1
6) Aniline	7.18	93	1174	0.059	ng	# 1
9) Benzaldehyde	6.81	77	412	0.055	ng	# 5
10) Phenol	6.83	94	18437	1.167	ng	# 94
11) bis(2-Chloroethyl)ether	7.18	93	1174	0.090	ng	# 1
15) Benzyl Alcohol	7.95	79	22549	2.228	ng	# 37
19) n-Nitroso-di-n-propylamine	8.78	70	172370	18.558	ng	# 67
22) Acetophenone	7.95	105	111	0.006	ng	# 1
24) Nitrobenzene	8.78	77	3932	0.275	ng	# 44
25) Isophorone	8.92	82	219	0.009	ng	# 69
31) Naphthalene	10.45	128	234	0.006	ng	# 68
45) 1,1'-Biphenyl	13.09	154	6480	0.192	ng	# 97
47) 2-Nitroaniline	13.73	65	585	0.081	ng	# 1
49) Dimethylphthalate	13.73	163	74351	2.489	ng	# 100
50) 2,6-Dinitrotoluene	14.26	165	47622	7.698	ng	# 20
51) Acenaphthene	14.26	154	1211	0.049	ng	# 5
56) 2,4-Dinitrotoluene	14.26	165	47622	5.928	ng	# 18
57) Fluorene	15.75	166	23132	0.826	ng	# 93
59) Diethylphthalate	15.10	149	2334	0.079	ng	# 58
62) Azobenzene	15.75	77	2885	0.089	ng	# 29
64) 4,6-Dinitro-2-methylphenol	15.76	198	1069	0.227	ng	# 1
65) n-Nitrosodiphenylamine	15.76	169	15061	0.570	ng	# 43
66) 4-Bromophenyl-phenylether	15.76	248	28101	3.550	ng	# 1
70) Phenanthrene	17.05	178	259	0.006	ng	# 60
71) Anthracene	17.05	178	259	0.006	ng	# 59
73) Di-n-butylphthalate	18.00	149	7800	0.158	ng	# 96
74) Fluoranthene	19.07	202	120	0.003	ng	# 65
76) Benzidine	19.66	184	49884	2.733	ng	# 91
77) Pyrene	19.66	202	11619	0.243	ng	# 62
80) Benzo(a)anthracene	21.22	228	1712	0.041	ng	# 60
82) Chrysene	21.22	228	1712	0.042	ng	# 56
83) Bis(2-ethylhexyl)phthalate	21.16	149	29941	0.995	ng	# 92
84) Di-n-octyl phthalate	22.00	149	241	0.006	ng	# 1

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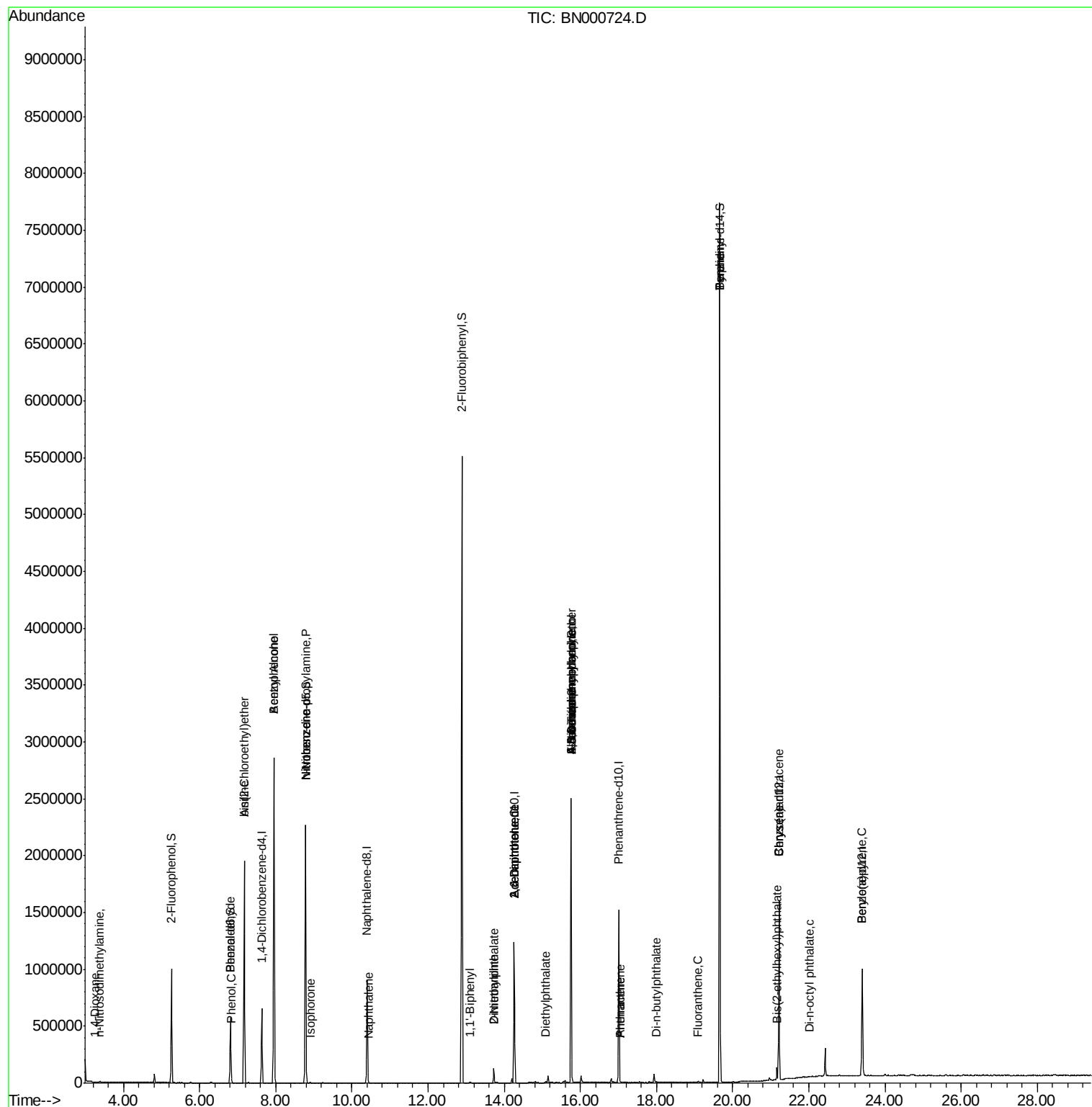
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Benzo(a)pyrene	23.40	252	1907	0.060	ng	# 67

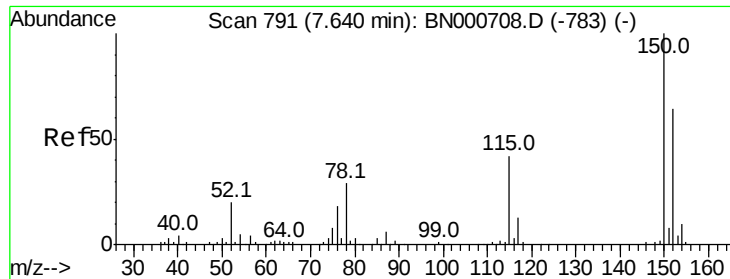
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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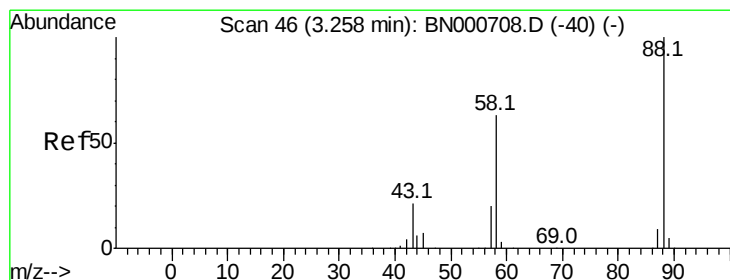
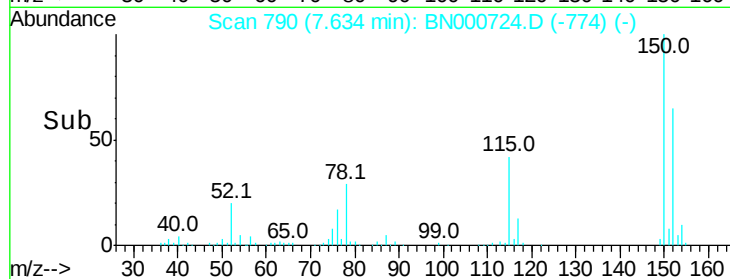
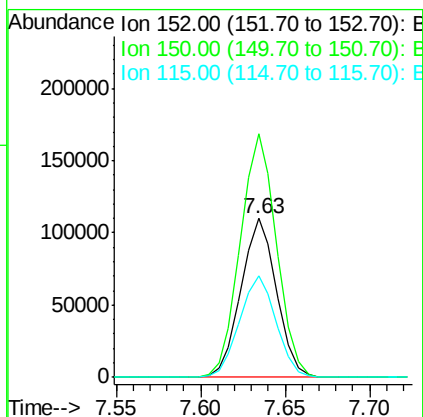
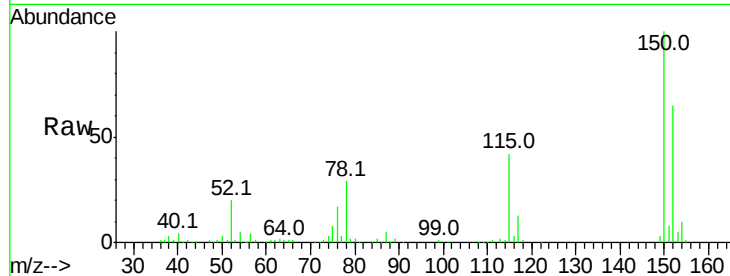


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 790
Delta R.T. -0.01 min
Lab File: BN000724.D
Acq: 09 Apr 2018 23:44

Instrument :
BNA_N
ClientSampleId :

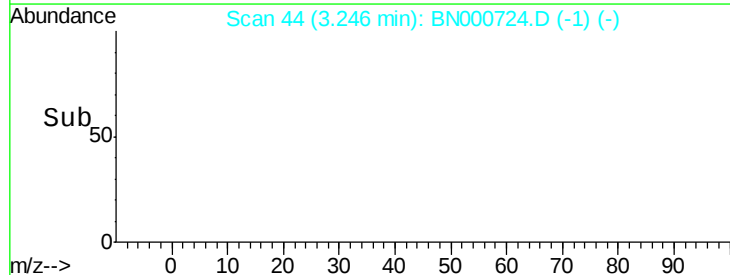
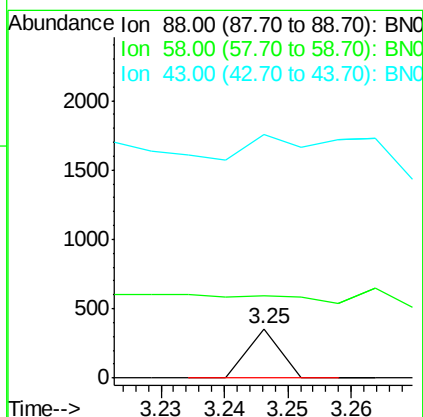
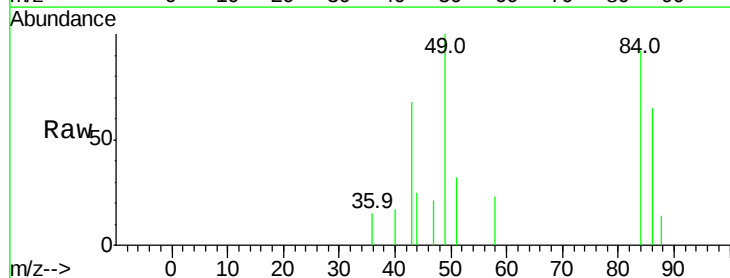
Tot Ion:152 Resp: 161168
Ion Ratio Lower Upper
152 100
150 153.3 126.6 189.8
115 64.1 53.0 79.4

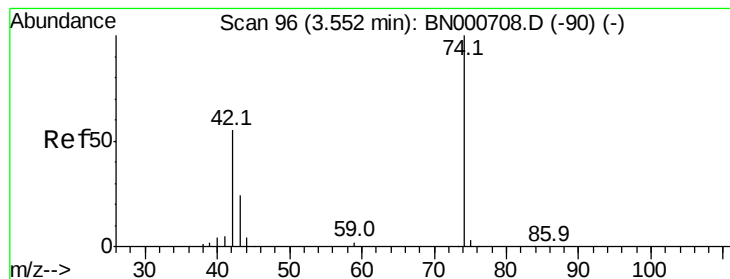


#2

1,4-Dioxane
Concen: 0.025 ng
RT: 3.25 min Scan# 44
Delta R.T. -0.01 min
Lab File: BN000724.D
Acq: 09 Apr 2018 23:44

Tgt Ion: 88 Resp: 126
Ion Ratio Lower Upper
88 100
58 0.0 52.0 78.0#
43 0.0 20.0 30.0#





#4

n-Nitrosodimethylamine

Concen: 0.150 ng

RT: 3.38 min Scan# 67

Delta R.T. -0.17 min

Lab File: BN000724.D

Acq: 09 Apr 2018 23:44

Instrument :

BNA_N

ClientSampleId :

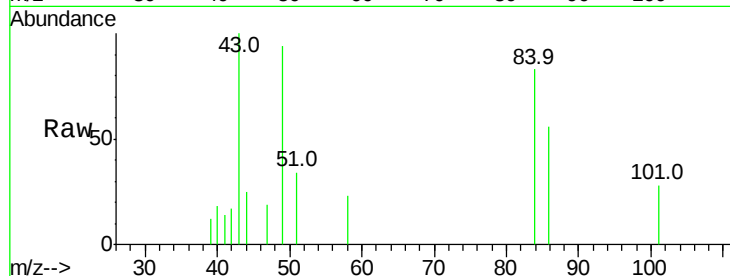
Tot Ion: 42 Resp: 548

Ion Ratio Lower Upper

42 100

74 0.0 128.0 192.0#

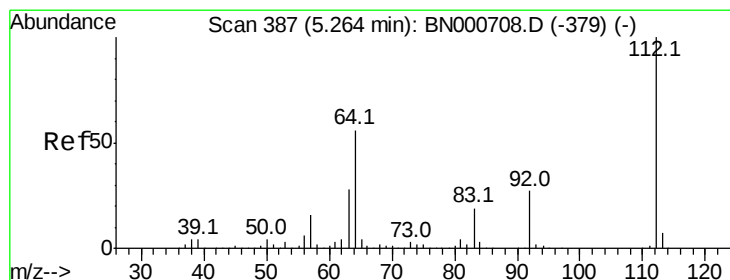
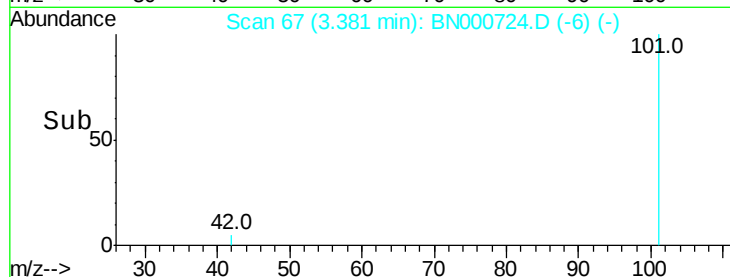
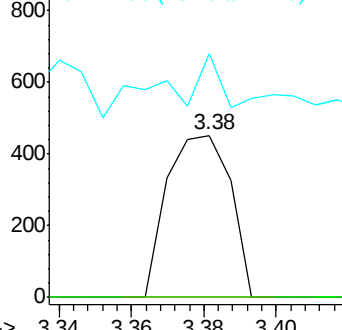
44 150.2 12.0 18.0#



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: 38.540 ng

RT: 5.26 min Scan# 386

Delta R.T. -0.01 min

Lab File: BN000724.D

Acq: 09 Apr 2018 23:44

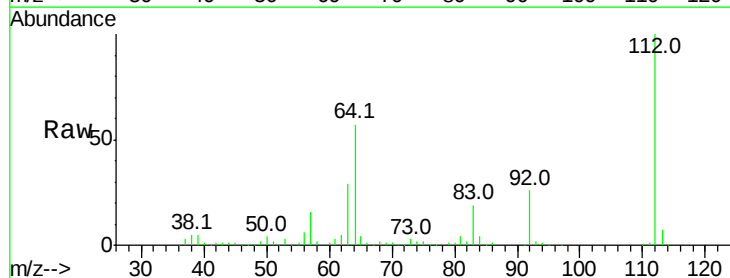
Tgt Ion: 112 Resp: 420670

Ion Ratio Lower Upper

112 100

64 56.9 56.3 84.5

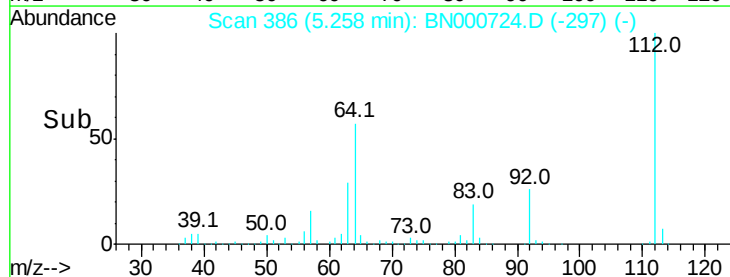
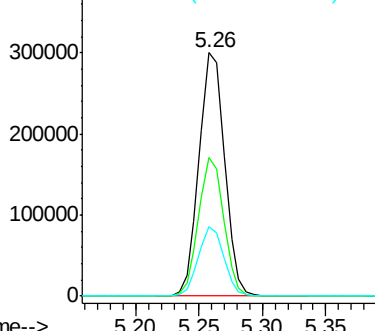
63 28.5 30.1 45.1#

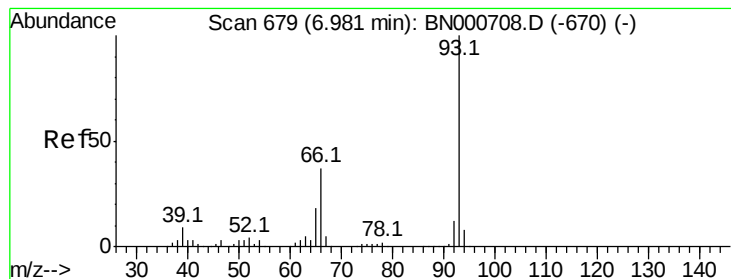


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#6

Aniline

Concen: 0.059 ng

RT: 7.18 min Scan# 712

Delta R.T. 0.19 min

Lab File: BN000724.D

Acq: 09 Apr 2018 23:44

Instrument :

BNA_N

ClientSampled :

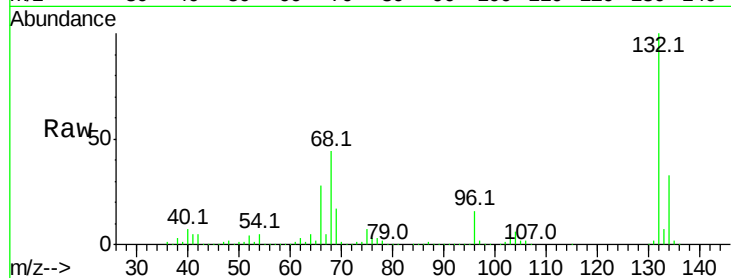
Tot Ion: 93 Resp: 1174

Ion Ratio Lower Upper

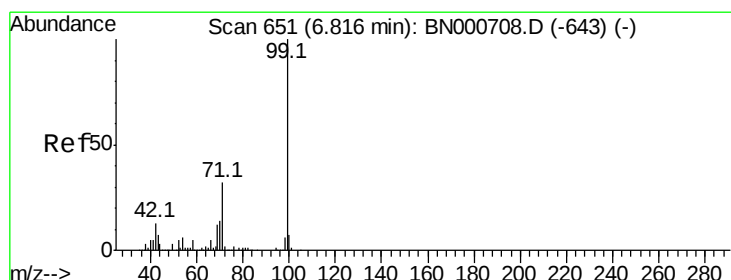
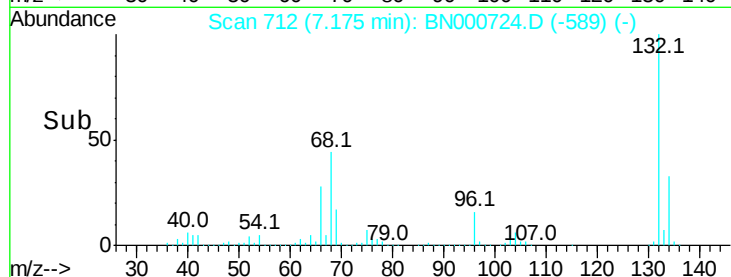
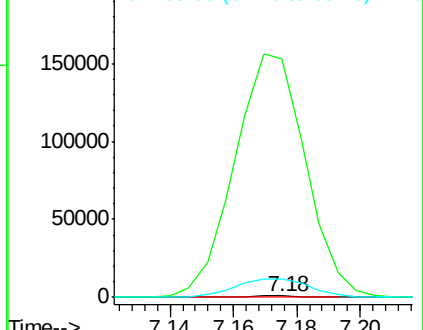
93 100

66 17556.0 33.7 50.5#

65 1377.6 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: 22.262 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.01 min

Lab File: BN000724.D

Acq: 09 Apr 2018 23:44

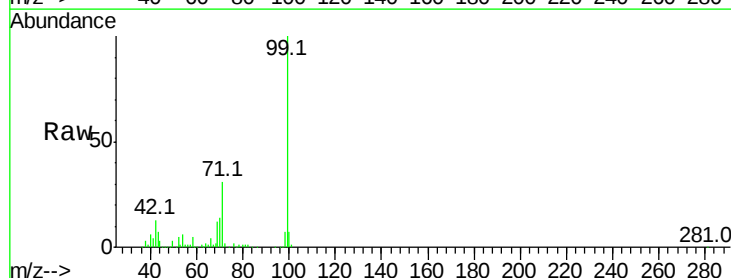
Tgt Ion: 99 Resp: 330796

Ion Ratio Lower Upper

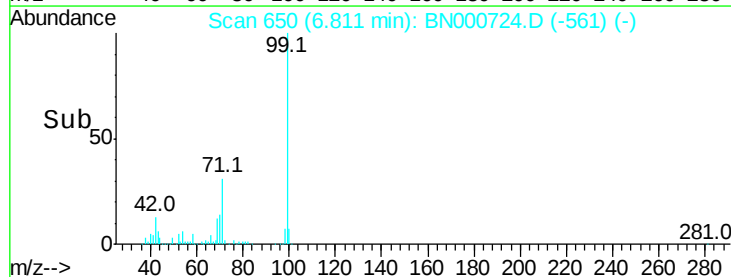
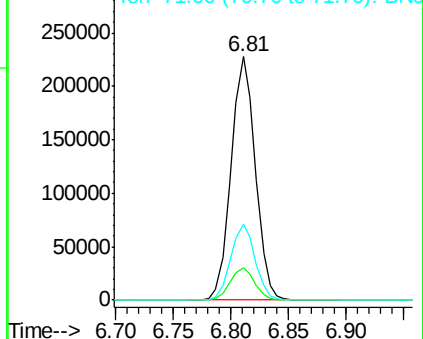
99 100

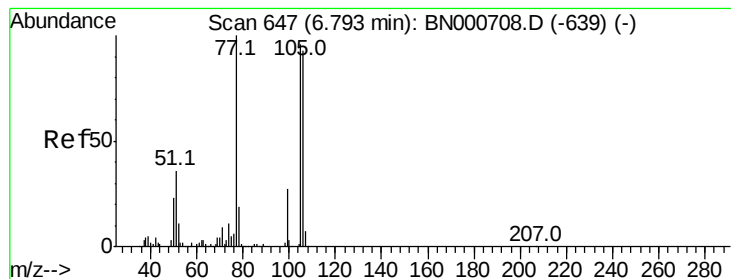
42 13.3 14.1 21.1#

71 31.4 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

Benzaldehyd

Concen: 0.055 ng

RT: 6.81 min Scan# 650

Delta R.T. 0.02 min

Lab File: BN000724.D

Acq: 09 Apr 2018 23:44

Instrument :

BNA_N

ClientSampled :

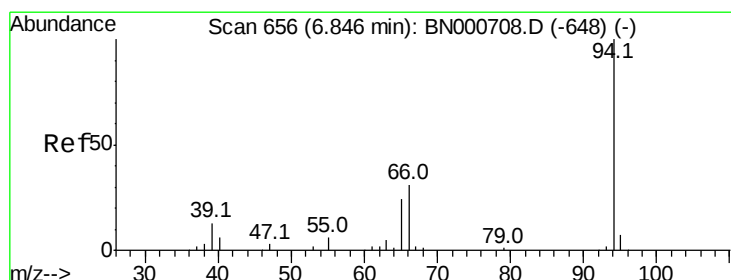
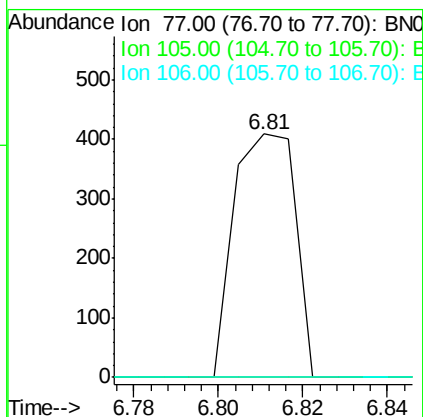
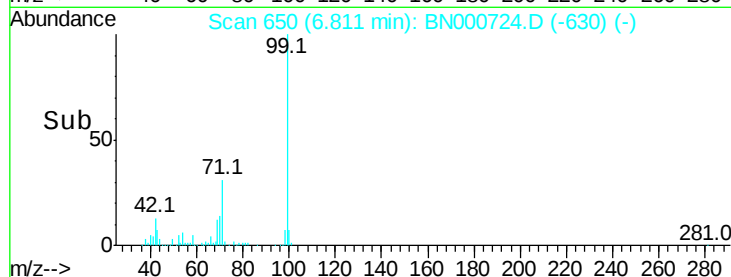
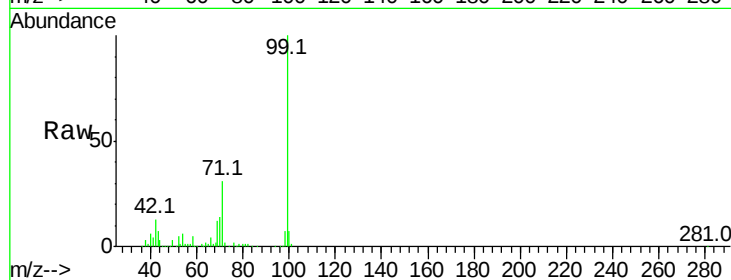
Tot Ion: 77 Resp: 412

Ion Ratio Lower Upper

77 100

105 0.0 71.3 111.3#

106 0.0 64.2 104.2#



#10

Phenol

Concen: 1.167 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.01 min

Lab File: BN000724.D

Acq: 09 Apr 2018 23:44

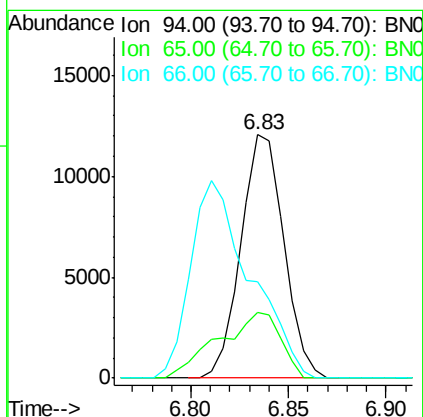
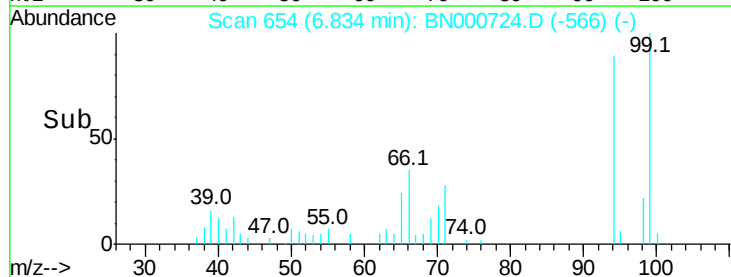
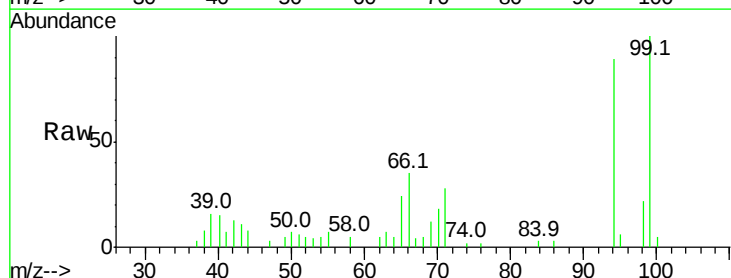
Tgt Ion: 94 Resp: 18437

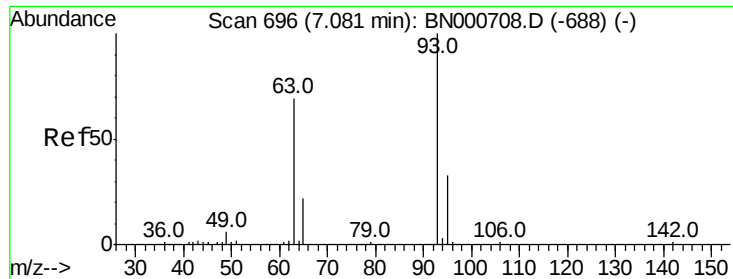
Ion Ratio Lower Upper

94 100

65 27.0 11.9 51.9

66 39.7 22.2 62.2





#11

bis(2-Chloroethyl)ether

Concen: 0.090 ng

RT: 7.18 min Scan# 712

Delta R.T. 0.09 min

Lab File: BN000724.D

Acq: 09 Apr 2018 23:44

Instrument :

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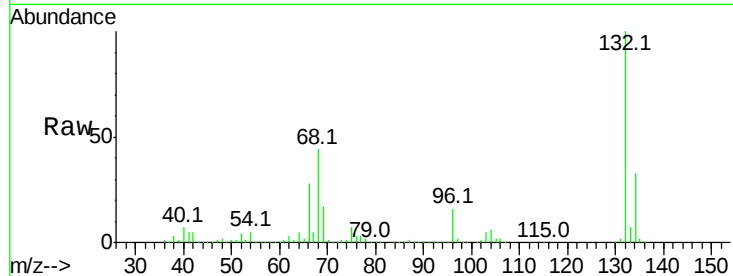
Tot Ion: 93 Resp: 1174

Ion Ratio Lower Upper

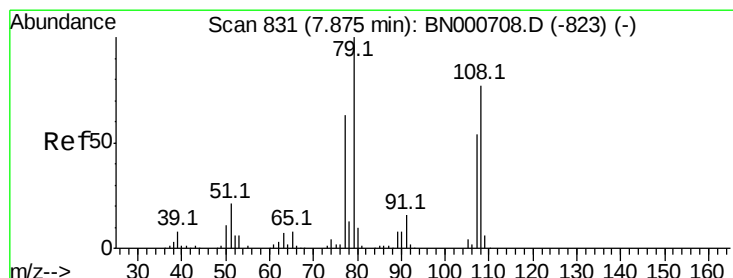
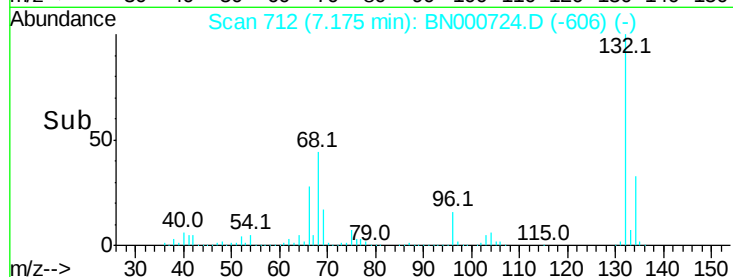
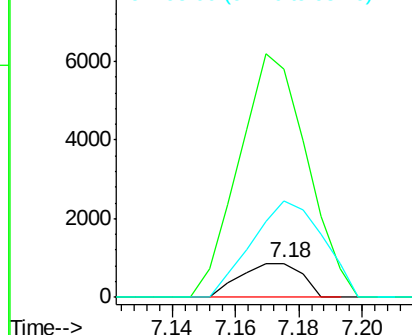
93 100

63 665.6 67.1 107.1#

95 282.9 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: 2.228 ng

RT: 7.95 min Scan# 844

Delta R.T. 0.08 min

Lab File: BN000724.D

Acq: 09 Apr 2018 23:44

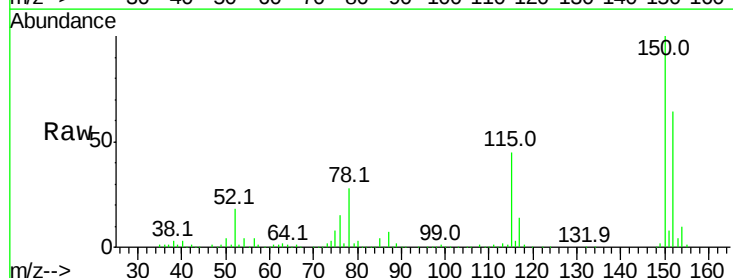
Tgt Ion: 79 Resp: 22549

Ion Ratio Lower Upper

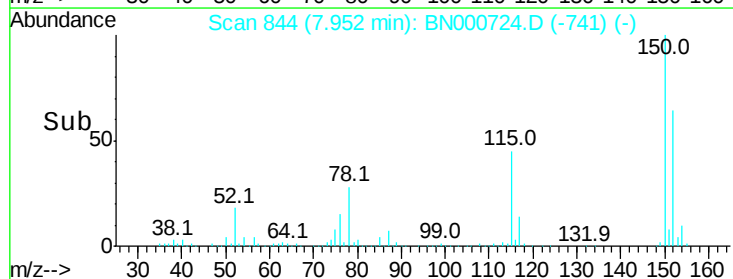
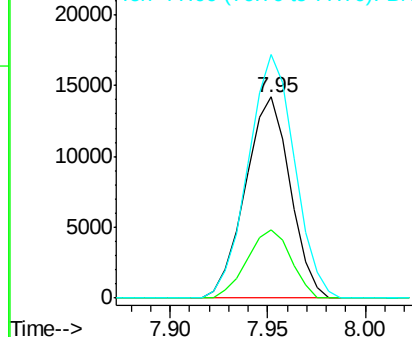
79 100

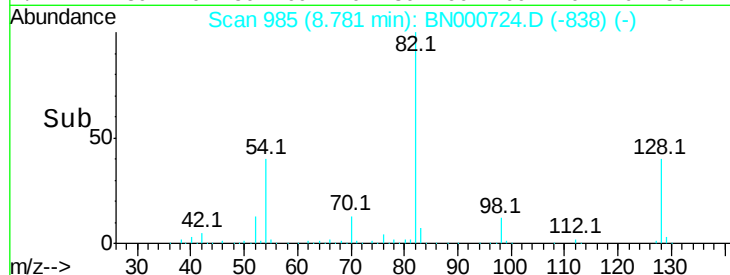
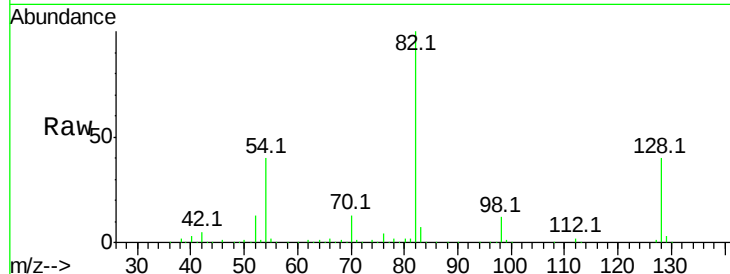
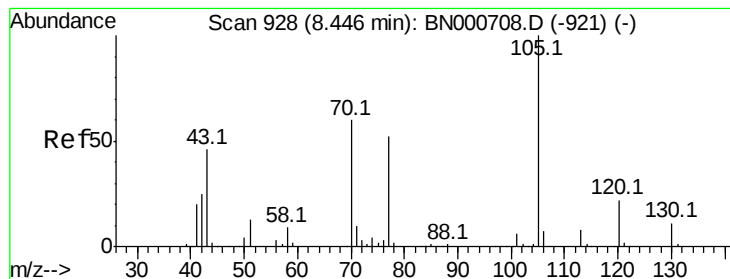
108 34.1 57.2 85.8#

77 121.1 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: 18.558 ng

RT: 8.78 min Scan# 985

Delta R.T. 0.34 min

Lab File: BN000724.D

Acq: 09 Apr 2018 23:44

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 70 Resp: 172370

Ion Ratio Lower Upper

70 100

42 35.5 49.1 73.7#

101 0.0 8.5 12.7#

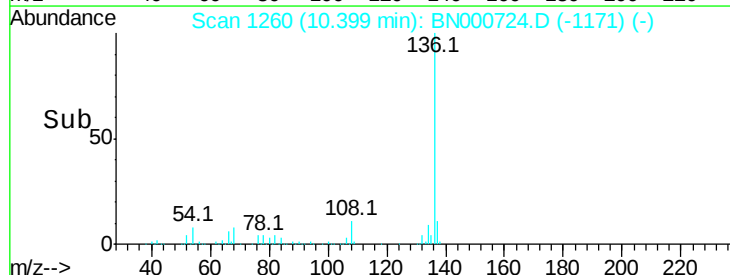
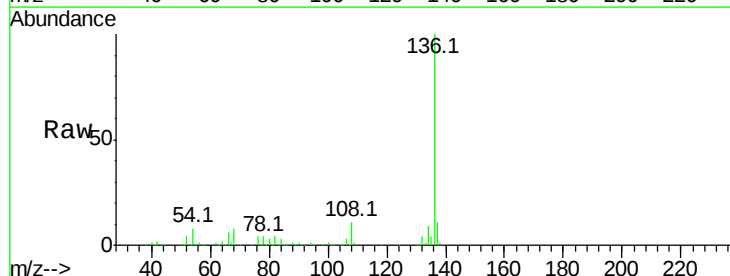
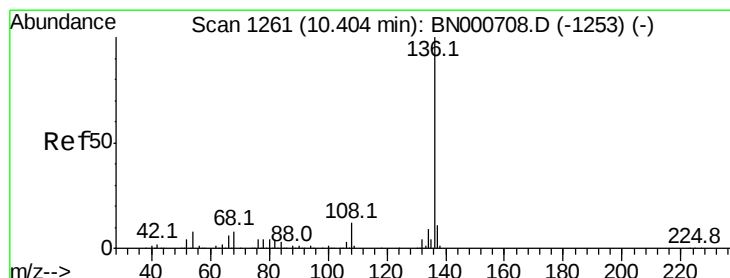
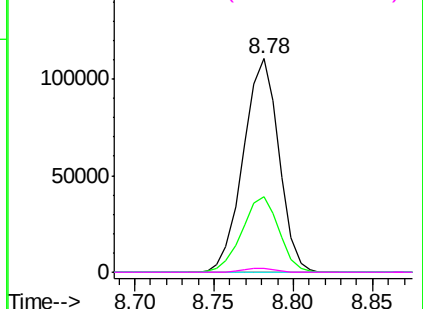
130 2.0 13.4 20.0#

Abundance Ion 70.00 (69.70 to 70.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 101.00 (100.70 to 101.70): BNC

Ion 130.00 (129.70 to 130.70): BNC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.40 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BN000724.D

Acq: 09 Apr 2018 23:44

Tgt Ion:136 Resp: 695762

Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 8.1 10.3 15.5#

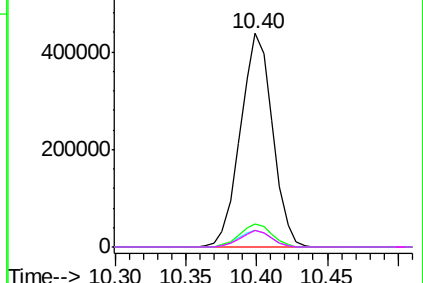
68 7.7 4.5 6.7#

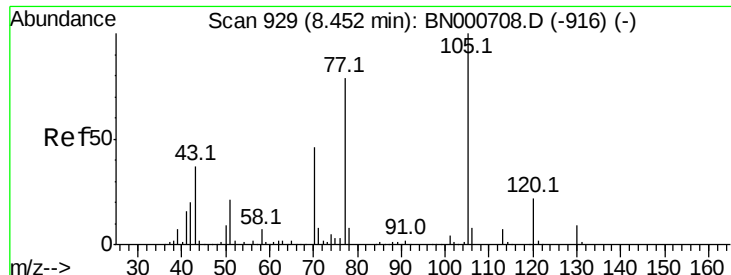
Abundance Ion 136.00 (135.70 to 136.70): BNC

Ion 137.00 (136.70 to 137.70): BNC

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC





#22

Acetophenone

Concen: 0.006 ng

RT: 7.95 min Scan# 844

Delta R.T. -0.50 min

Lab File: BN000724.D

Acq: 09 Apr 2018 23:44

Instrument :

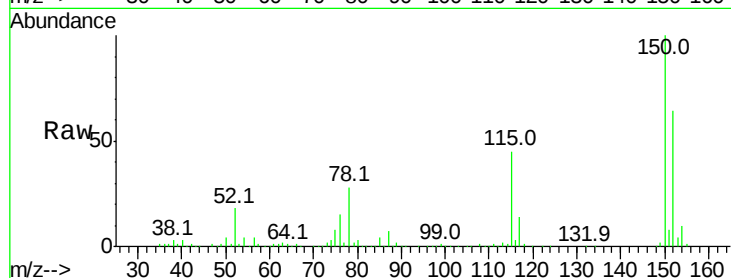
BNA_N

ClientSampleId :

Tot Ion:105 Resp: 111

Ion Ratio Lower Upper

105	100		
71	494.6	3.0	4.4#
51	1770.2	26.1	39.1#
120	256.8	17.4	26.2#

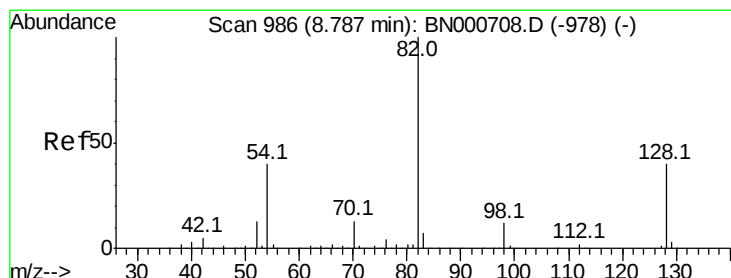
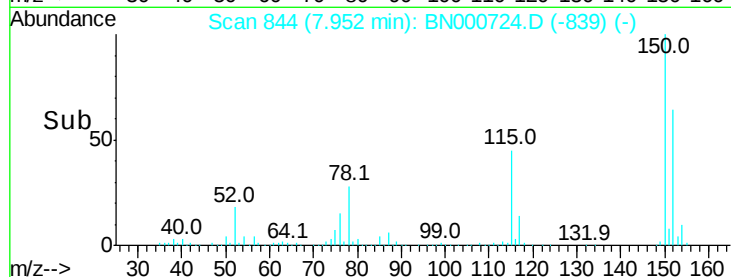
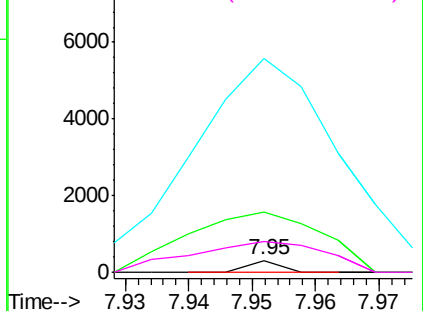


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BNC

Ion 51.00 (50.70 to 51.70): BNC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 103.808 ng

RT: 8.78 min Scan# 985

Delta R.T. -0.01 min

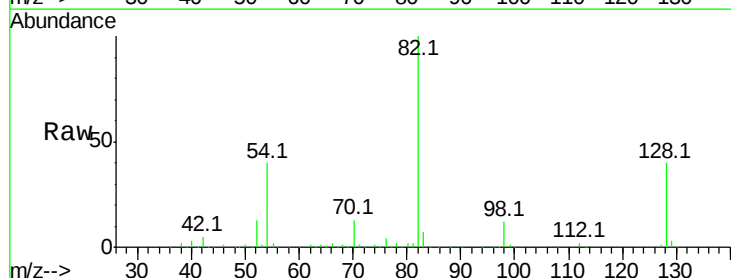
Lab File: BN000724.D

Acq: 09 Apr 2018 23:44

Tgt Ion: 82 Resp: 1364866

Ion Ratio Lower Upper

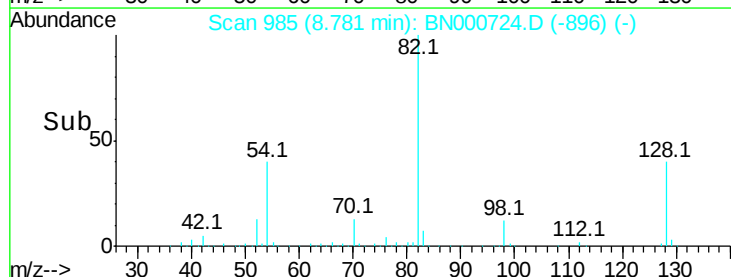
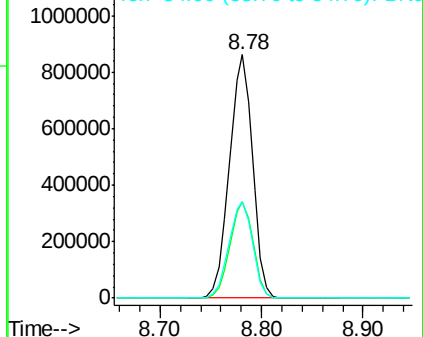
82	100		
128	39.5	29.7	44.5
54	39.7	43.1	64.7#

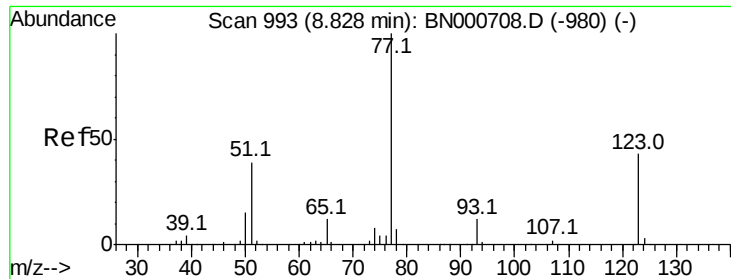


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#24

Nitrobenzene

Concen: 0.275 ng

RT: 8.78 min Scan# 985

Delta R.T. -0.05 min

Lab File: BN000724.D

Acq: 09 Apr 2018 23:44

Instrument :

BNA_N

ClientSampleId :

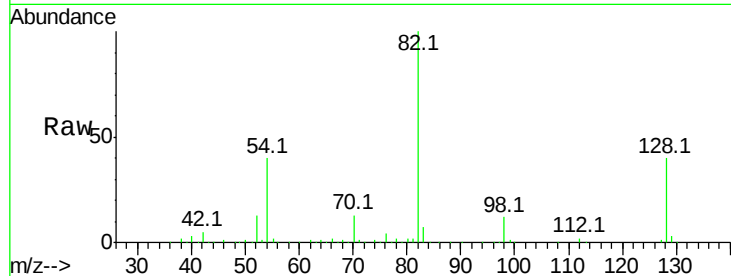
Tot Ion: 77 Resp: 3932

Ion Ratio Lower Upper

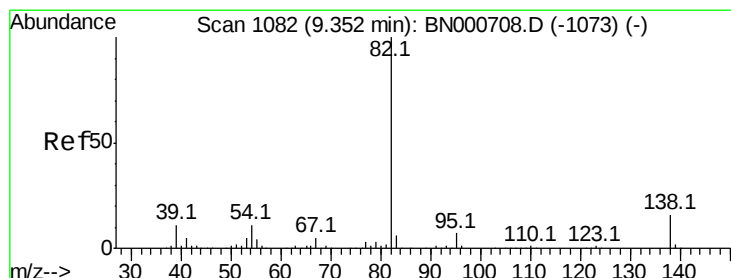
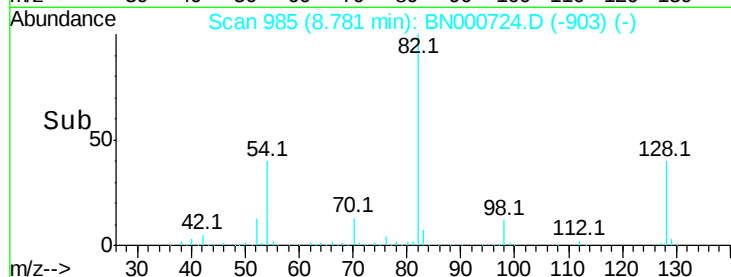
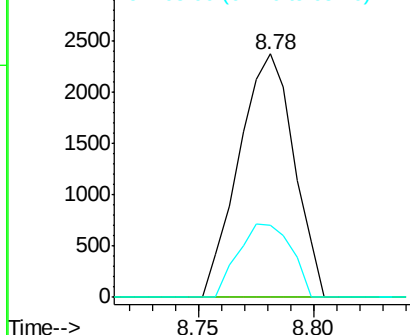
77 100

123 0.0 33.0 49.6#

65 29.6 13.0 19.6#



Abundance Ion 77.00 (76.70 to 77.70): BNC
Ion 123.00 (122.70 to 123.70): BNC
Ion 65.00 (64.70 to 65.70): BNC



#25

Isophorone

Concen: 0.009 ng

RT: 8.92 min Scan# 1009

Delta R.T. -0.43 min

Lab File: BN000724.D

Acq: 09 Apr 2018 23:44

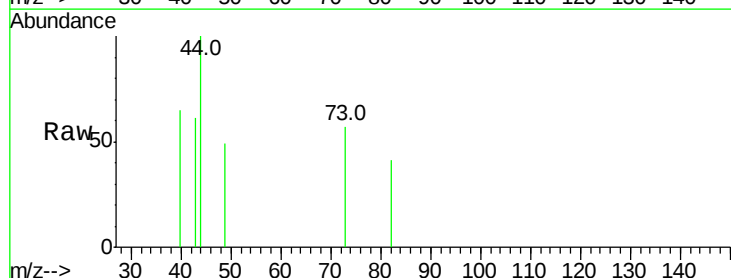
Tgt Ion: 82 Resp: 219

Ion Ratio Lower Upper

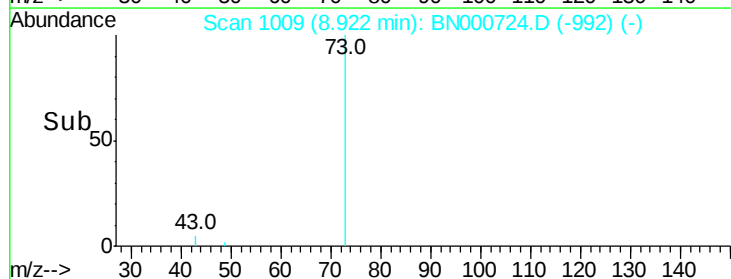
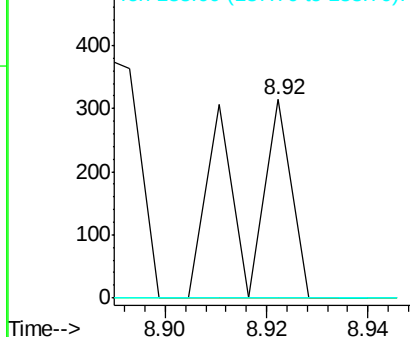
82 100

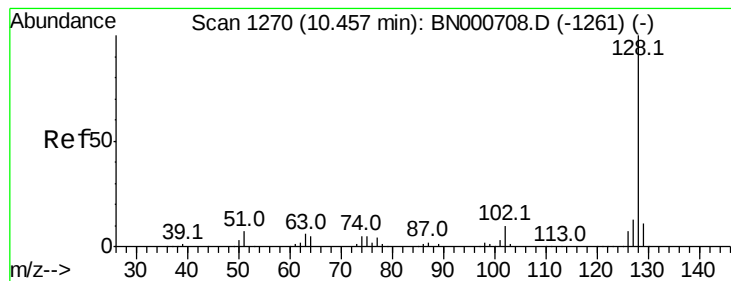
95 0.0 6.2 9.2#

138 0.0 12.1 18.1#



Abundance Ion 82.00 (81.70 to 82.70): BNC
Ion 95.00 (94.70 to 95.70): BNC
Ion 138.00 (137.70 to 138.70): BNC





#31

Naphthalene

Concen: 0.006 ng

RT: 10.45 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BN000724.D

Acq: 09 Apr 2018 23:44

Instrument :

BNA_N

ClientSampleId :

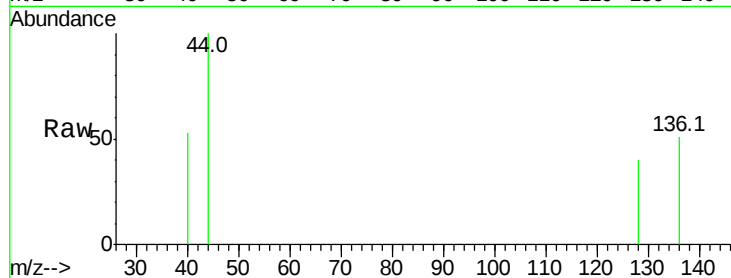
Tot Ion:128 Resp: 234

Ion Ratio Lower Upper

128 100

129 0.0 8.6 12.8#

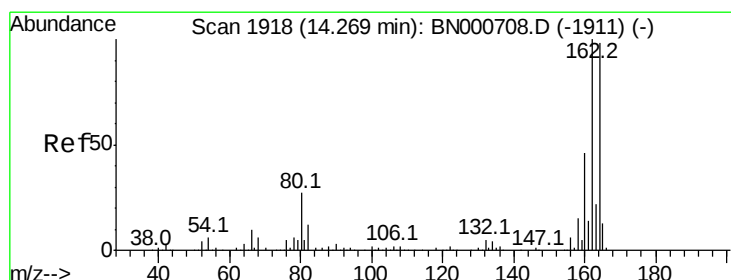
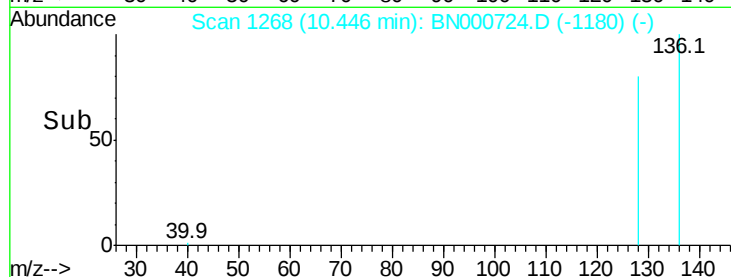
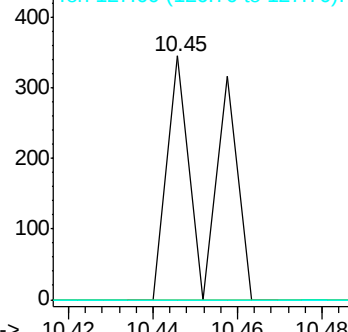
127 0.0 11.6 17.4#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.26 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BN000724.D

Acq: 09 Apr 2018 23:44

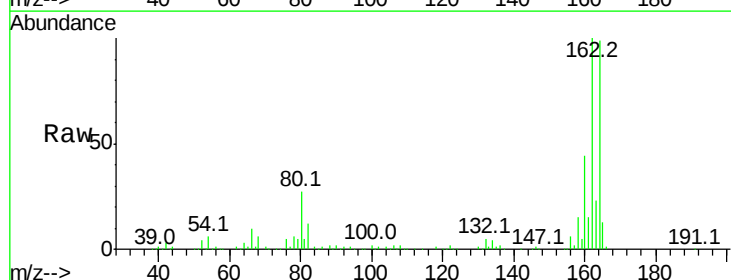
Tgt Ion:164 Resp: 375327

Ion Ratio Lower Upper

164 100

162 100.6 78.8 118.2

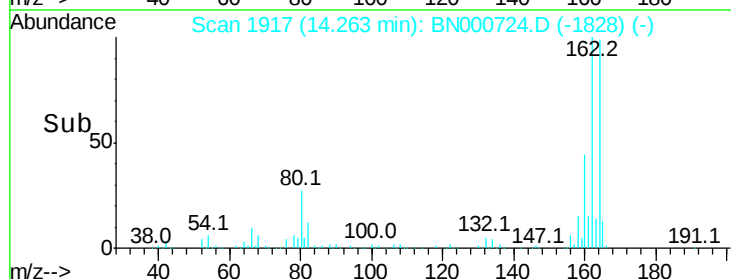
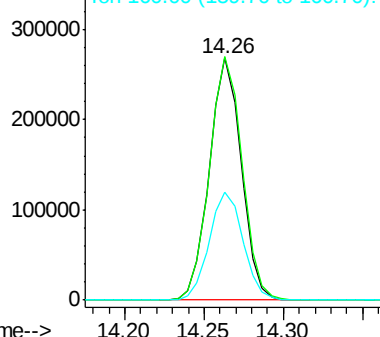
160 44.6 35.4 53.0

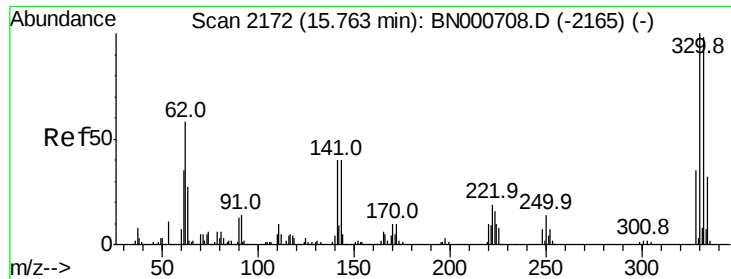


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

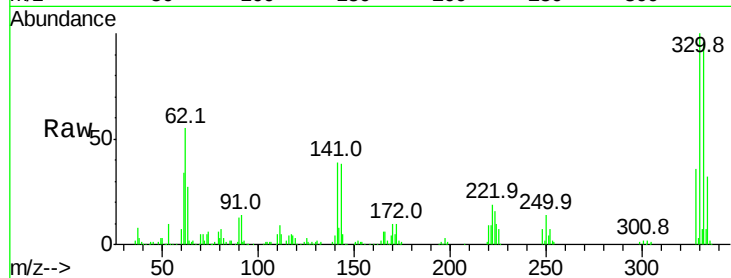




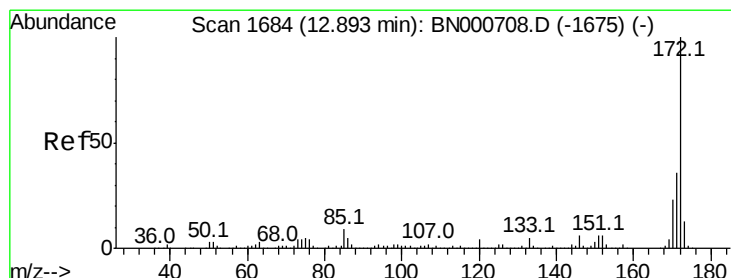
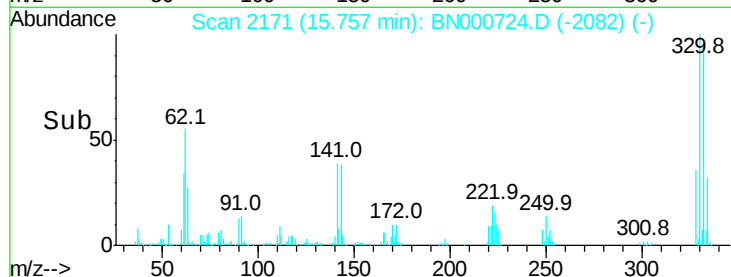
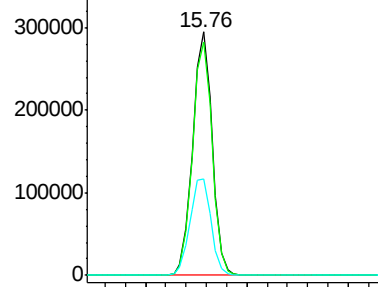
#41
 2,4,6-Tribromophenol
 Concen: 107.042 ng
 RT: 15.76 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BN000724.D
 Acq: 09 Apr 2018 23:44

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	42.7	25.2	37.8#

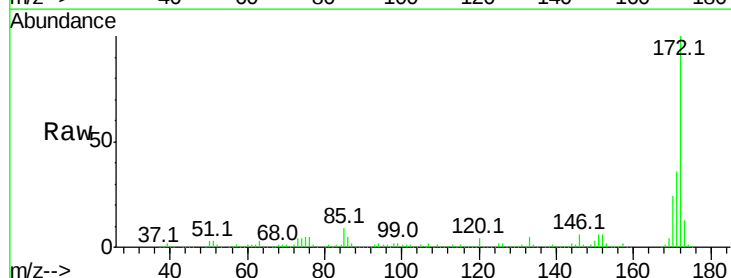


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

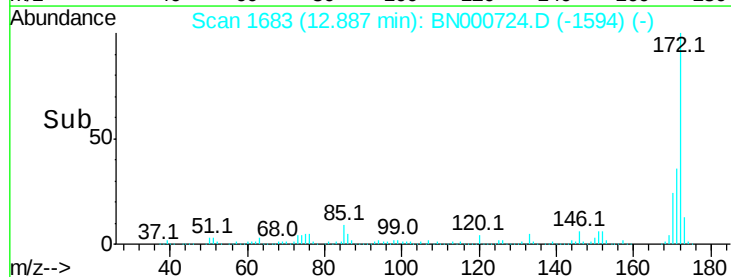
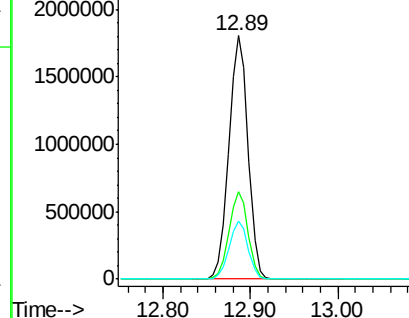


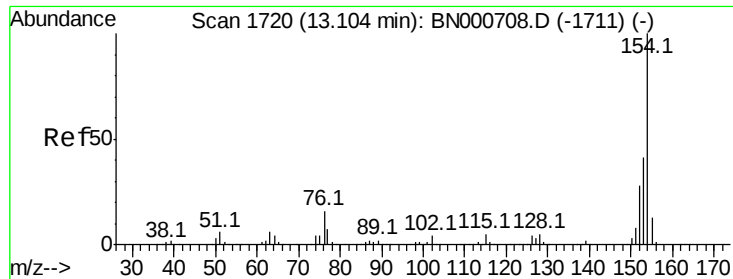
#44
 2-Fluorobiphenyl
 Concen: 98.729 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BN000724.D
 Acq: 09 Apr 2018 23:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.0	45.0
170	23.7	19.5	29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

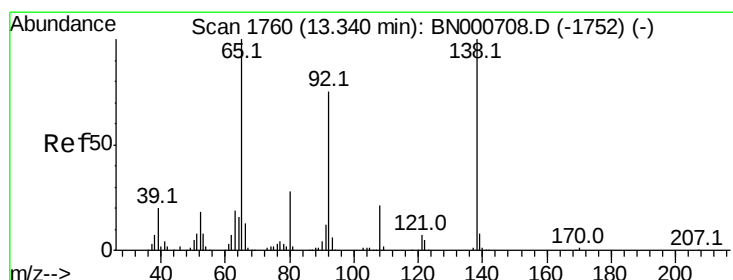
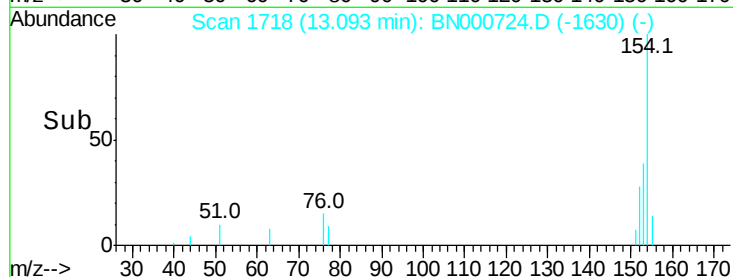
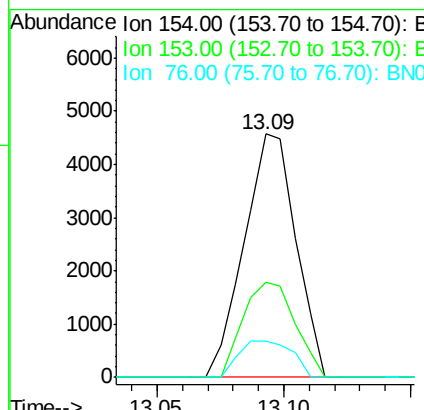
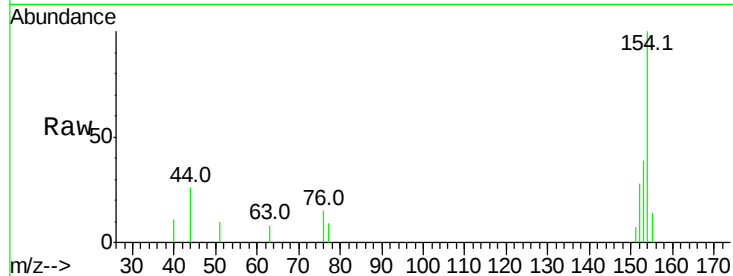




#45
 1,1'-Biphenyl
 Concen: 0.192 ng
 RT: 13.09 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BN000724.D
 Acq: 09 Apr 2018 23:44

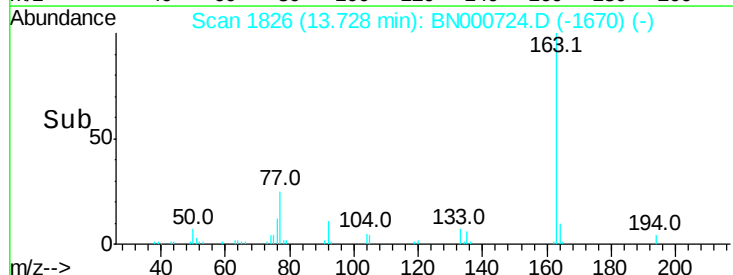
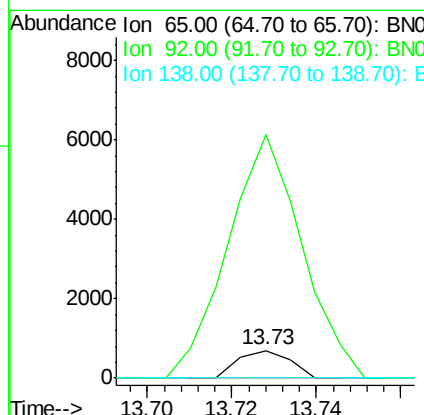
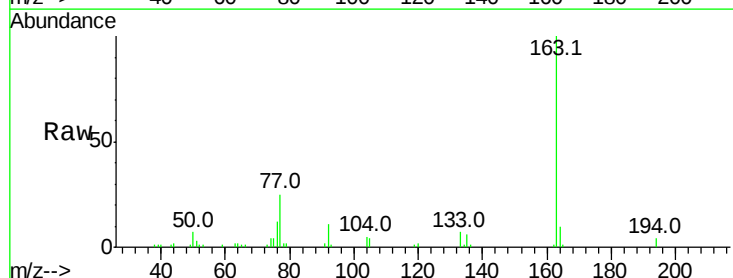
Instrument :
 BNA_N
 ClientSampleId :

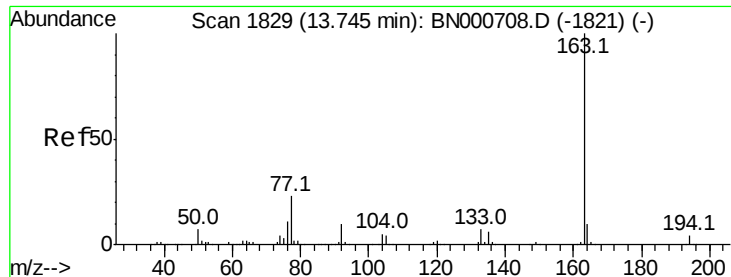
Tot Ion:	154	Resp:	6480
Ion	Ratio	Lower	Upper
154	100		
153	38.9	19.8	59.8
76	14.8	0.0	31.9



#47
 2-Nitroaniline
 Concen: 0.081 ng
 RT: 13.73 min Scan# 1826
 Delta R.T. 0.39 min
 Lab File: BN000724.D
 Acq: 09 Apr 2018 23:44

Tgt Ion:	65	Resp:	585
Ion	Ratio	Lower	Upper
65	100		
92	888.6	54.6	82.0#
138	0.0	72.9	109.3#

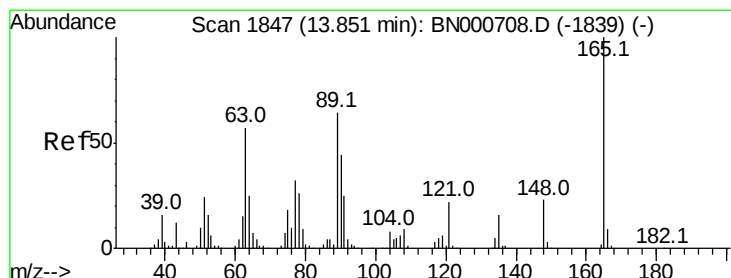
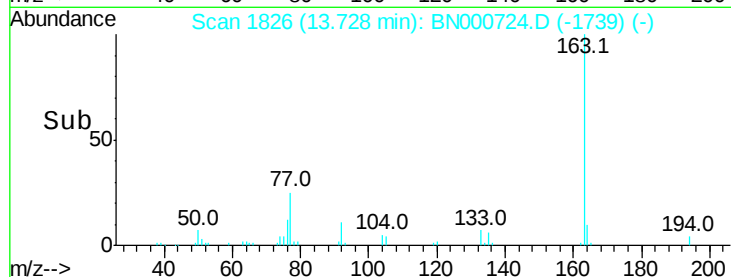
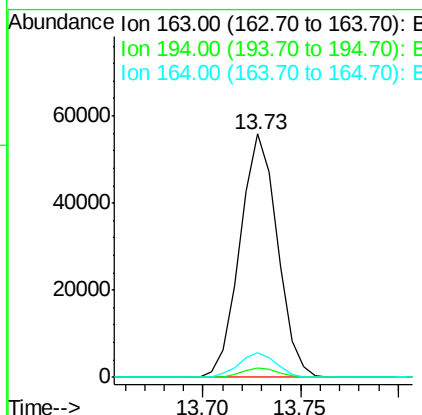
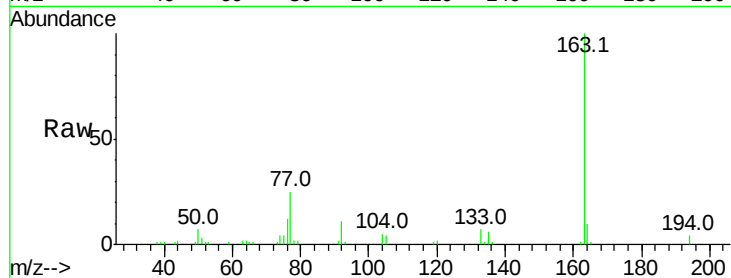




#49
Dimethylphthalate
Concen: 2.489 ng
RT: 13.73 min Scan# 1826
Delta R.T. -0.02 min
Lab File: BN000724.D
Acq: 09 Apr 2018 23:44

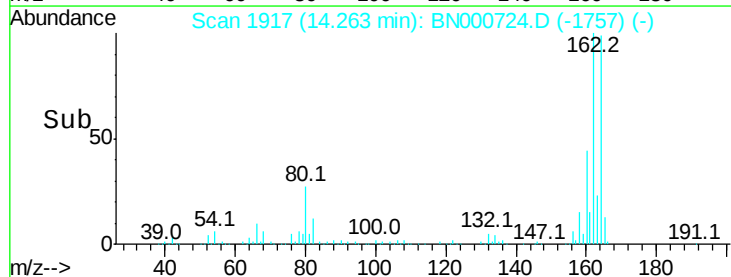
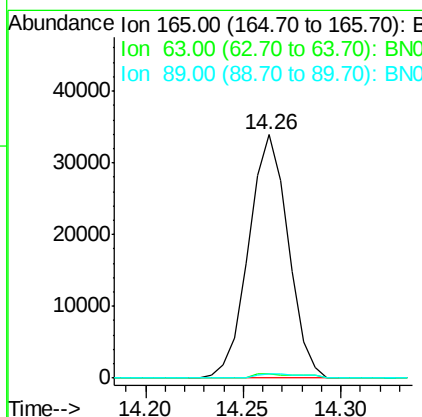
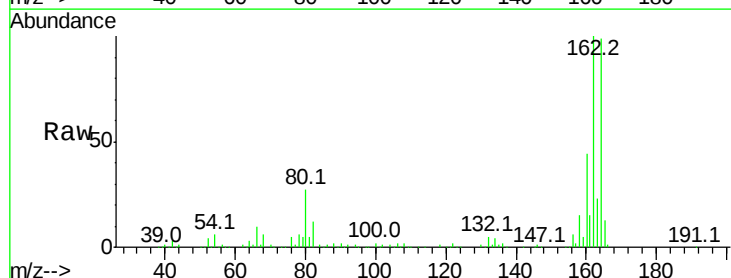
Instrument :
BNA_N
ClientSampleId :

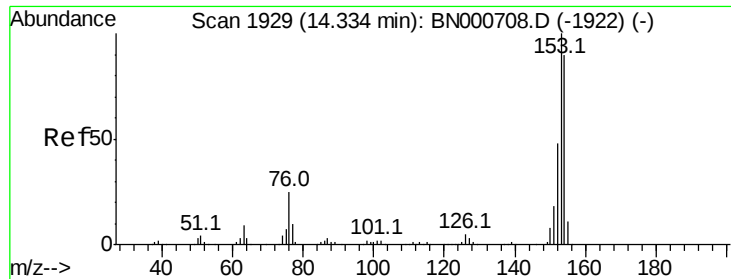
Tot Ion:163 Resp: 74351
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 10.3 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 7.698 ng
RT: 14.26 min Scan# 1917
Delta R.T. 0.41 min
Lab File: BN000724.D
Acq: 09 Apr 2018 23:44

Tgt Ion:165 Resp: 47622
Ion Ratio Lower Upper
165 100
63 1.6 52.7 79.1#
89 1.7 49.2 73.8#





#51

Acenaphthene

Concen: 0.049 ng

RT: 14.26 min Scan# 1917

Delta R.T. -0.07 min

Lab File: BN000724.D

Acq: 09 Apr 2018 23:44

Instrument :

BNA_N

ClientSampleId :

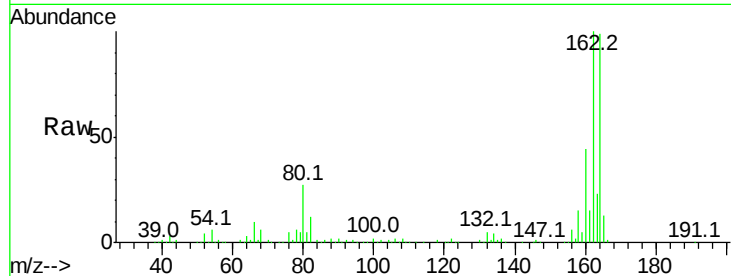
Tot Ion:154 Resp: 1211

Ion Ratio Lower Upper

154 100

153 0.0 90.4 135.6#

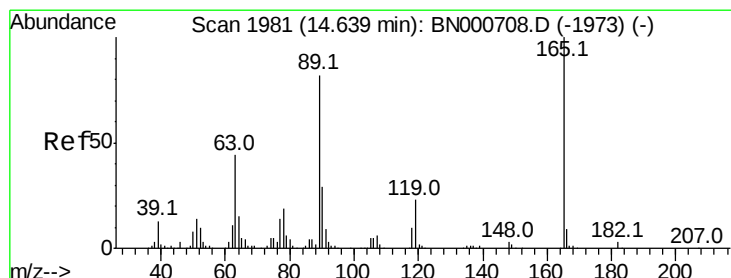
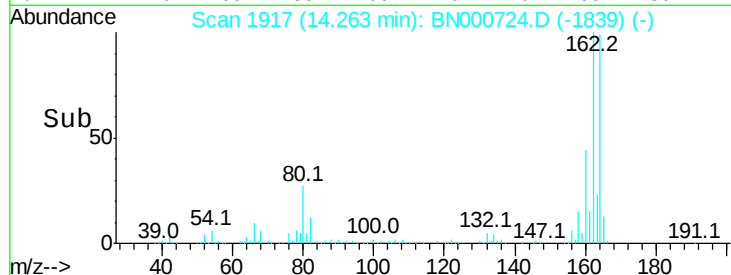
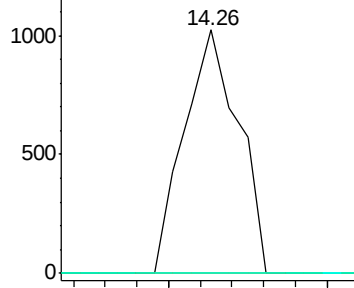
152 0.0 41.6 62.4#



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: 5.928 ng

RT: 14.26 min Scan# 1917

Delta R.T. -0.38 min

Lab File: BN000724.D

Acq: 09 Apr 2018 23:44

Tgt Ion:165 Resp: 47622

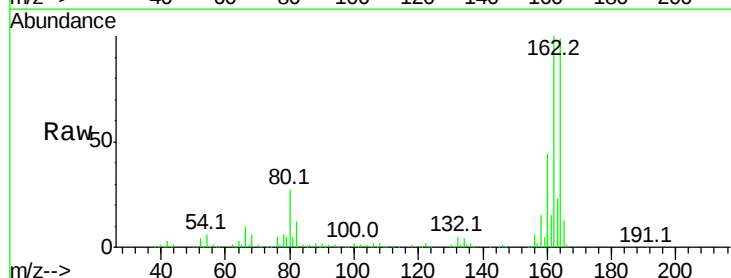
Ion Ratio Lower Upper

165 100

63 1.6 42.0 63.0#

89 1.7 66.9 100.3#

182 0.0 2.6 3.8#

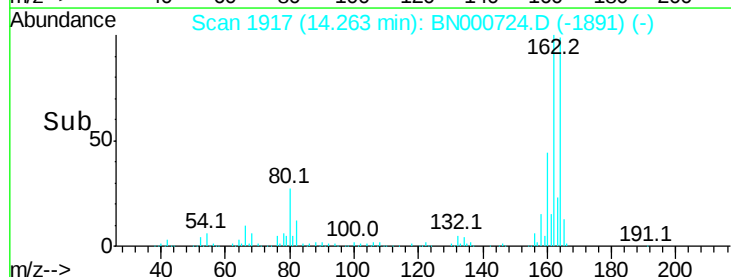
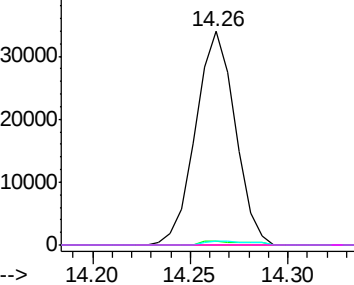


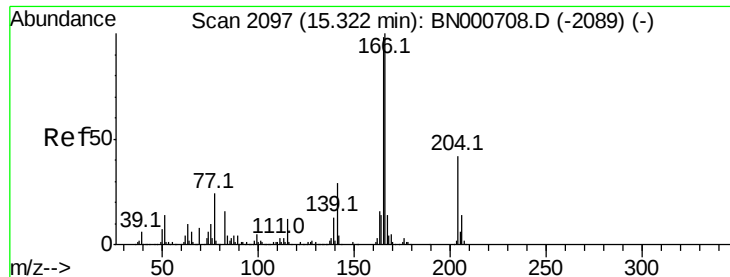
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 0.826 ng

RT: 15.75 min Scan# 2170

Delta R.T. 0.43 min

Lab File: BN000724.D

Acq: 09 Apr 2018 23:44

Instrument :

BNA_N

ClientSampleId :

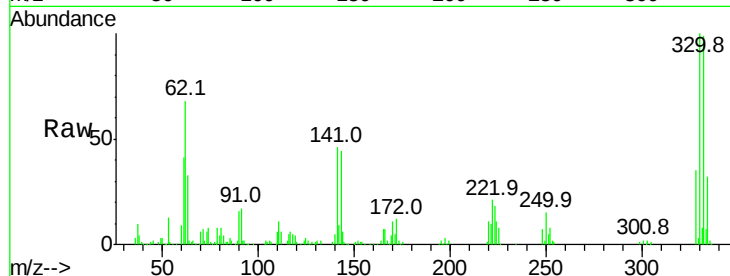
Tot Ion:166 Resp: 23132

Ion Ratio Lower Upper

166 100

165 99.9 80.6 121.0

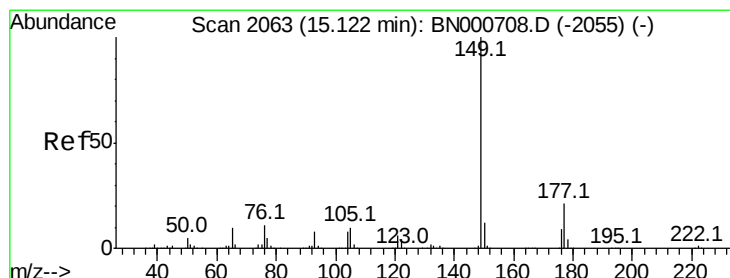
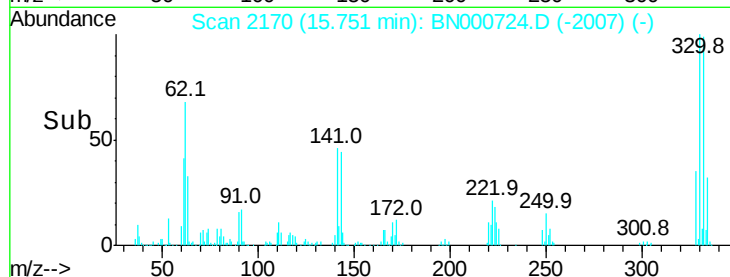
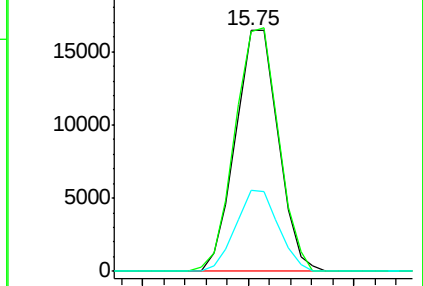
167 33.7 10.4 15.6#



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: 0.079 ng

RT: 15.10 min Scan# 2060

Delta R.T. -0.02 min

Lab File: BN000724.D

Acq: 09 Apr 2018 23:44

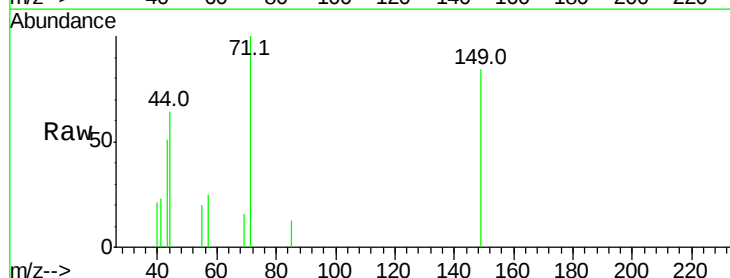
Tgt Ion:149 Resp: 2334

Ion Ratio Lower Upper

149 100

177 0.0 18.5 27.7#

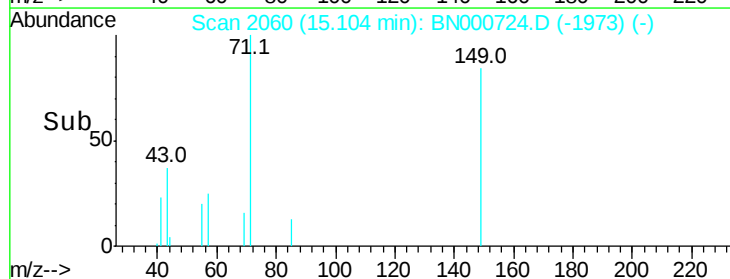
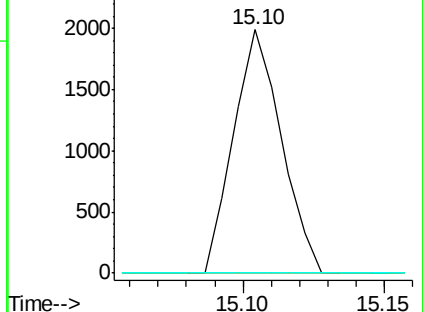
150 0.0 10.2 15.2#

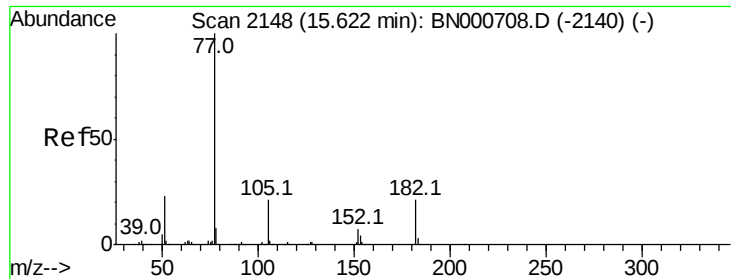


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

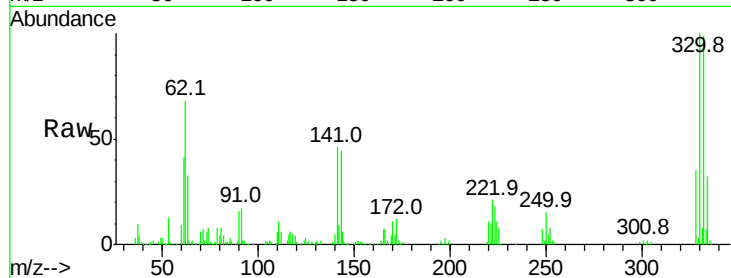




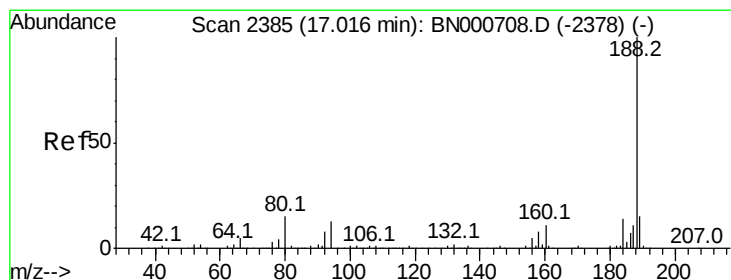
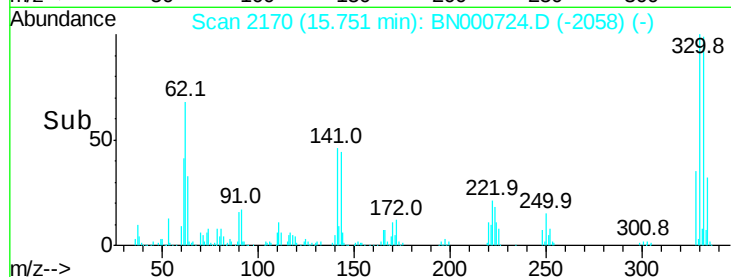
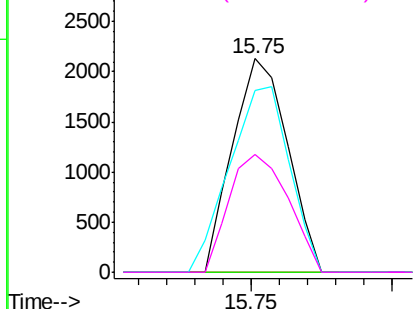
#62
Azobenzene
Concen: 0.089 ng
RT: 15.75 min Scan# 2170
Delta R.T. 0.13 min
Lab File: BN000724.D
Acq: 09 Apr 2018 23:44

Instrument :
BNA_N
ClientSampleId :

Tot Ion: 77 Resp: 2885
Ion Ratio Lower Upper
77 100
182 0.0 7.4 47.4#
105 84.9 0.3 40.3#
51 55.2 11.6 51.6#

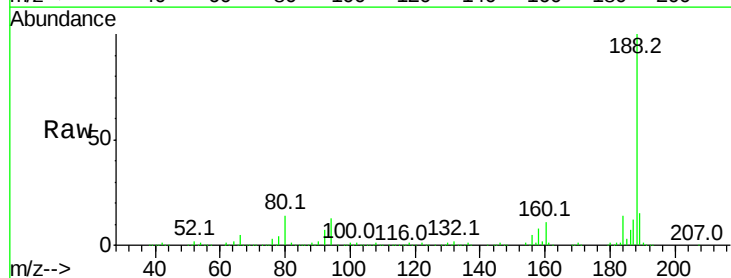


Abundance Ion 77.00 (76.70 to 77.70): BN000708.D (-2140) (-)
Ion 182.00 (181.70 to 182.70): BN000708.D (-2140) (-)
Ion 105.00 (104.70 to 105.70): BN000708.D (-2140) (-)
Ion 51.00 (50.70 to 51.70): BN000708.D (-2140) (-)

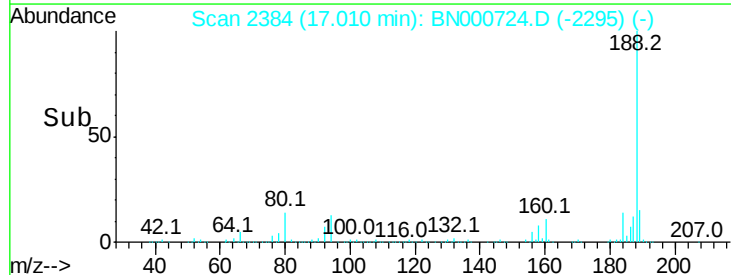
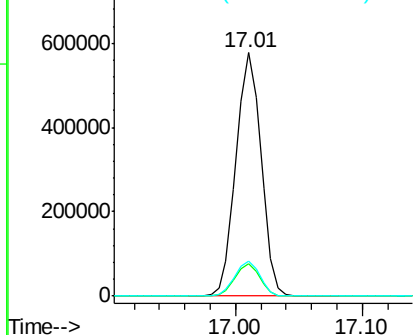


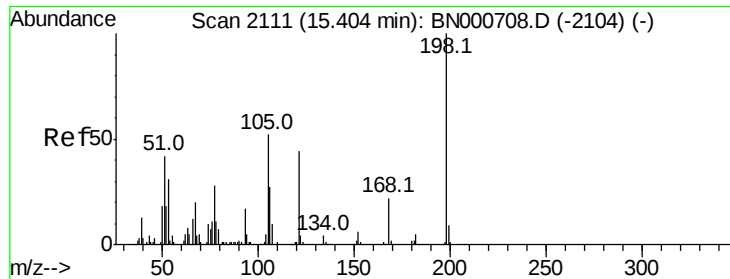
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.01 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BN000724.D
Acq: 09 Apr 2018 23:44

Tgt Ion: 188 Resp: 791647
Ion Ratio Lower Upper
188 100
94 13.2 6.9 10.3#
80 14.4 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): BN000708.D (-2378) (-)
Ion 94.00 (93.70 to 94.70): BN000708.D (-2378) (-)
Ion 80.00 (79.70 to 80.70): BN000708.D (-2378) (-)

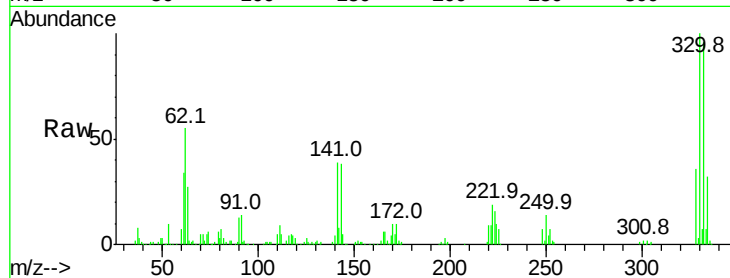




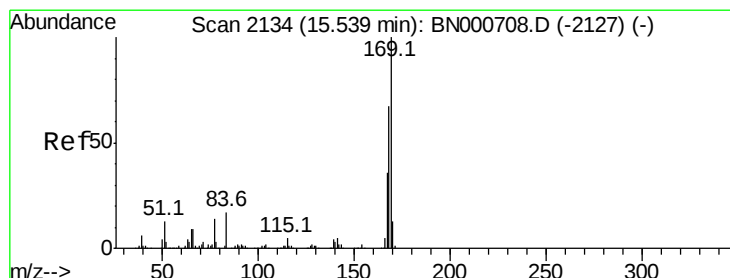
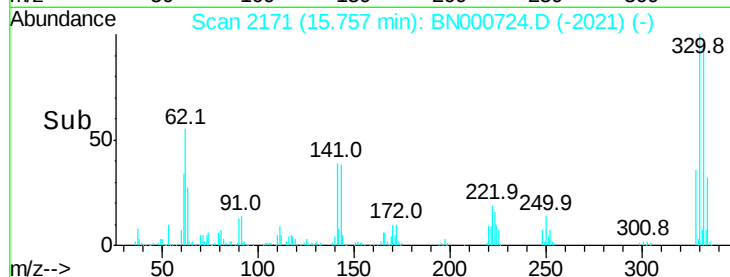
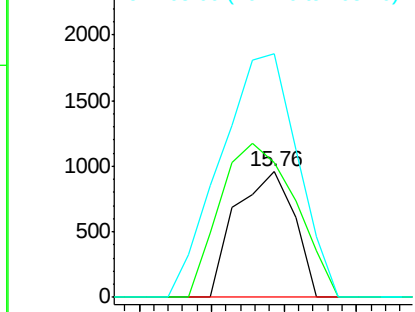
#64
4,6-Dinitro-2-methylphenol
Concen: 0.227 ng
RT: 15.76 min Scan# 2171
Delta R.T. 0.35 min
Lab File: BN000724.D
Acq: 09 Apr 2018 23:44

Instrument :
BNA_N
ClientSampled :

Tot Ion:198 Resp: 1069
Ion Ratio Lower Upper
198 100
51 107.6 30.6 70.6#
105 193.6 23.8 63.8#

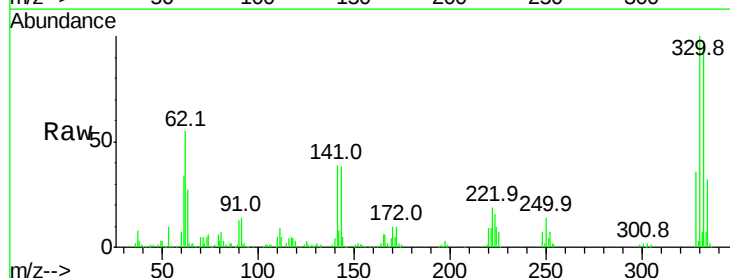


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BNO
Ion 105.00 (104.70 to 105.70): E

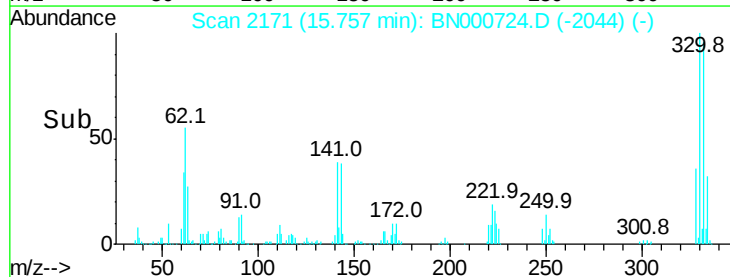
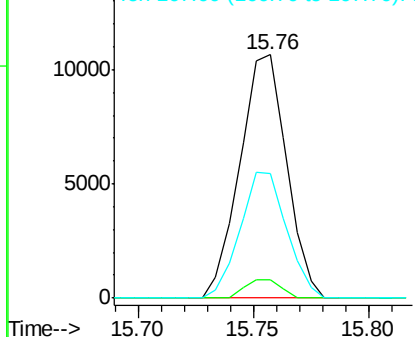


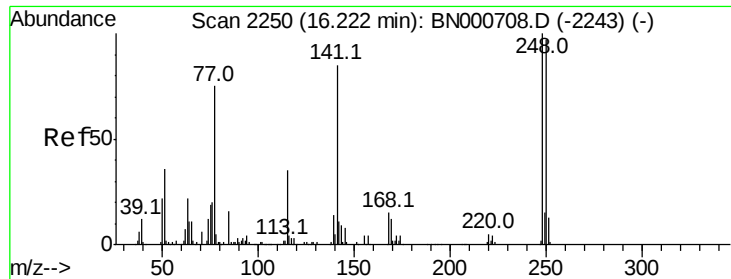
#65
n-Nitrosodiphenylamine
Concen: 0.570 ng
RT: 15.76 min Scan# 2171
Delta R.T. 0.22 min
Lab File: BN000724.D
Acq: 09 Apr 2018 23:44

Tgt Ion:169 Resp: 15061
Ion Ratio Lower Upper
169 100
168 7.3 55.7 83.5#
167 51.0 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: 3.550 ng

RT: 15.76 min Scan# 2171

Delta R.T. -0.46 min

Lab File: BN000724.D

Acq: 09 Apr 2018 23:44

Instrument :

BNA_N

ClientSampleId :

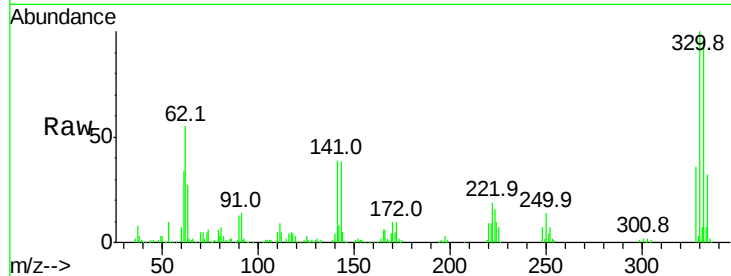
Tot Ion:248 Resp: 28101

Ion Ratio Lower Upper

248 100

250 191.4 77.1 115.7#

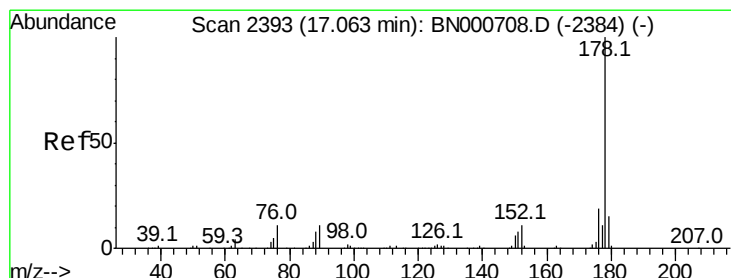
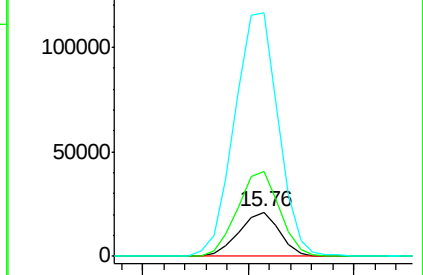
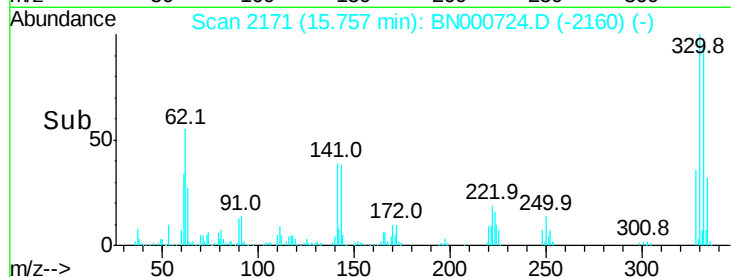
141 549.0 50.8 76.2#



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: 0.006 ng

RT: 17.05 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BN000724.D

Acq: 09 Apr 2018 23:44

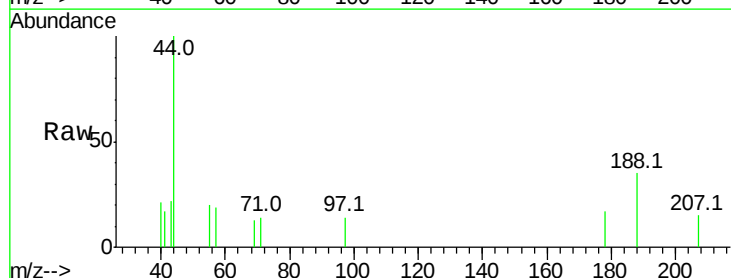
Tgt Ion:178 Resp: 259

Ion Ratio Lower Upper

178 100

176 0.0 15.7 23.5#

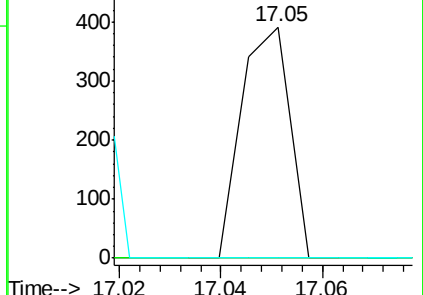
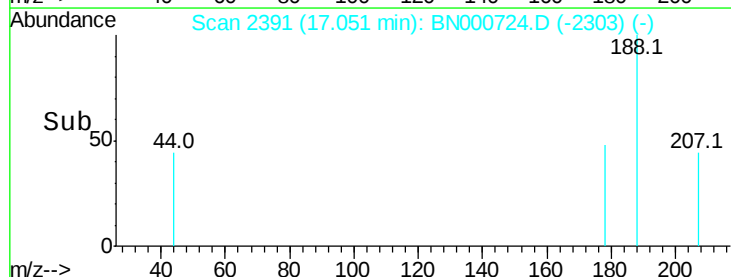
179 0.0 12.5 18.7#

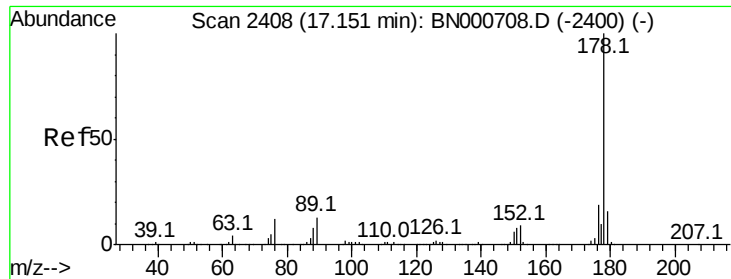


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 0.006 ng

RT: 17.05 min Scan# 2391

Delta R.T. -0.10 min

Lab File: BN000724.D

Acq: 09 Apr 2018 23:44

Instrument :

BNA_N

ClientSampled :

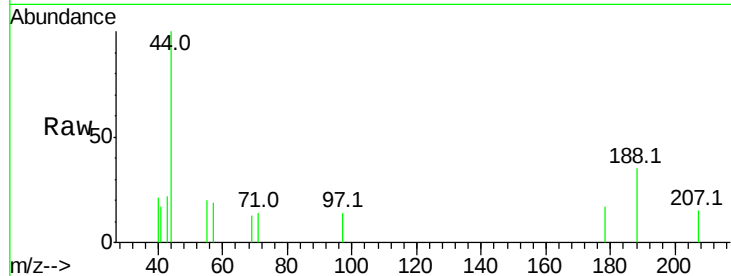
Tot Ion:178 Resp: 259

Ion Ratio Lower Upper

178 100

176 0.0 16.0 24.0#

179 0.0 12.5 18.7#



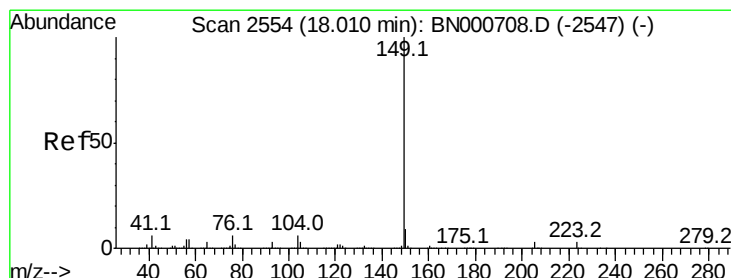
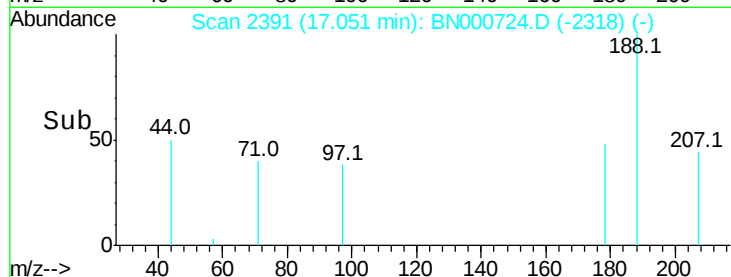
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

17.05

Time-->



#73

Di-n-butylphthalate

Concen: 0.158 ng

RT: 18.00 min Scan# 2552

Delta R.T. -0.01 min

Lab File: BN000724.D

Acq: 09 Apr 2018 23:44

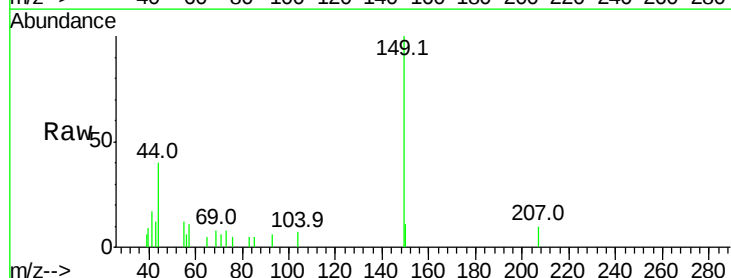
Tgt Ion:149 Resp: 7800

Ion Ratio Lower Upper

149 100

150 11.0 7.8 11.6

104 7.0 3.9 5.9#



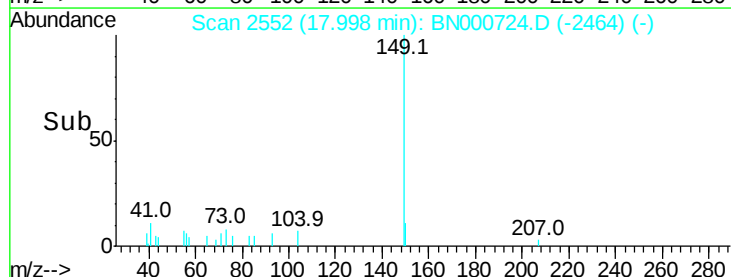
Abundance Ion 149.00 (148.70 to 149.70): E

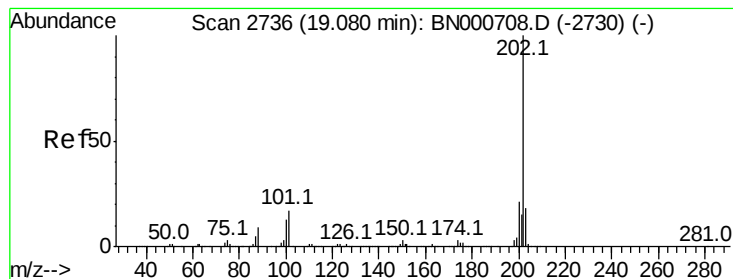
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

18.00

Time-->





#74

Fluoranthene

Concen: 0.003 ng

RT: 19.07 min Scan# 2734

Delta R.T. -0.01 min

Lab File: BN000724.D

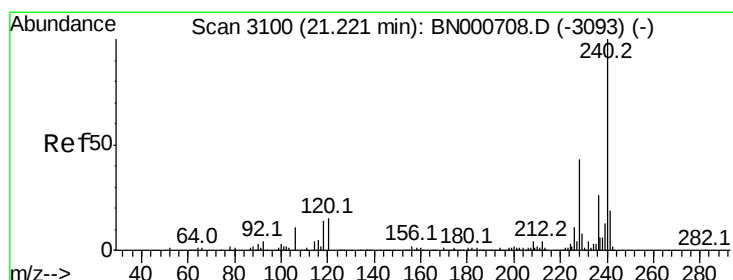
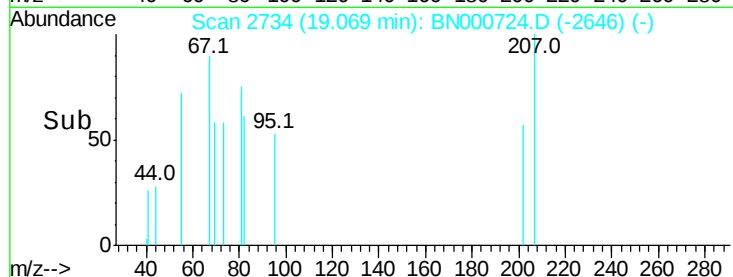
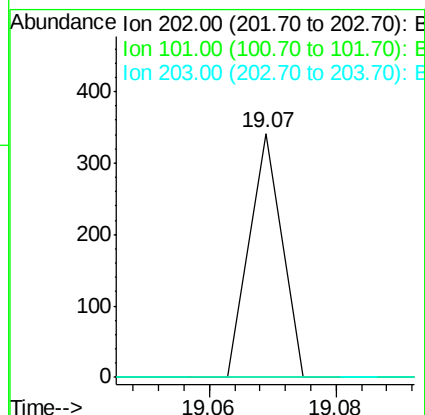
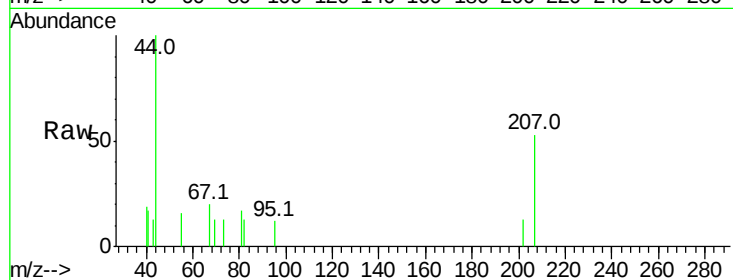
Acq: 09 Apr 2018 23:44

Instrument :

BNA_N

ClientSampleId :

Tot Ion:	202	Resp:	120
Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	28.9
203	0.0	0.0	37.5



#75

Chrysene-d12

Concen: 20.000 ng

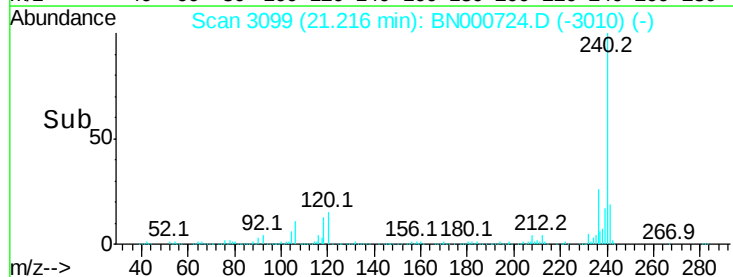
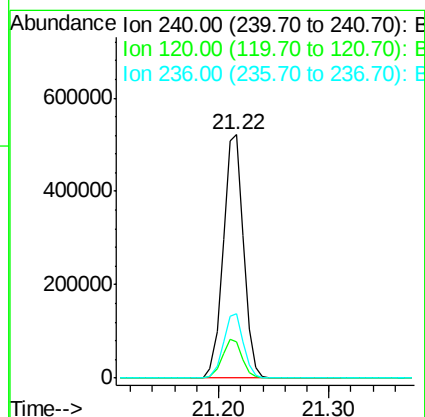
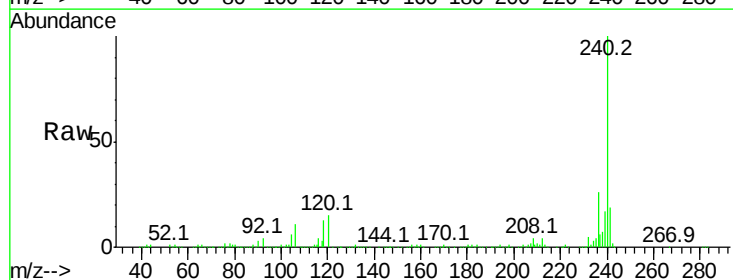
RT: 21.22 min Scan# 3099

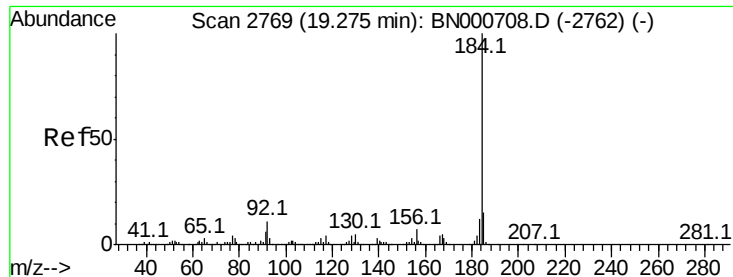
Delta R.T. -0.01 min

Lab File: BN000724.D

Acq: 09 Apr 2018 23:44

Tgt Ion:	240	Resp:	667620
Ion	Ratio	Lower	Upper
240	100		
120	14.7	6.8	10.2#
236	26.3	20.9	31.3





#76

Benzidine

Concen: 2.733 ng

RT: 19.66 min Scan# 2835

Delta R.T. 0.39 min

Lab File: BN000724.D

Acq: 09 Apr 2018 23:44

Instrument :

BNA_N

ClientSampled :

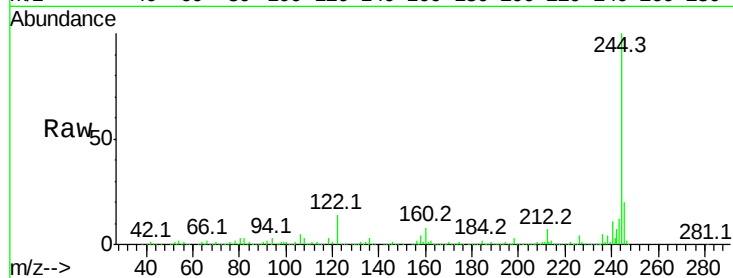
Tot Ion:184 Resp: 49884

Ion Ratio Lower Upper

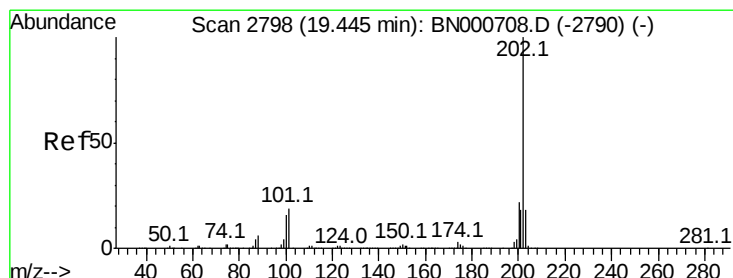
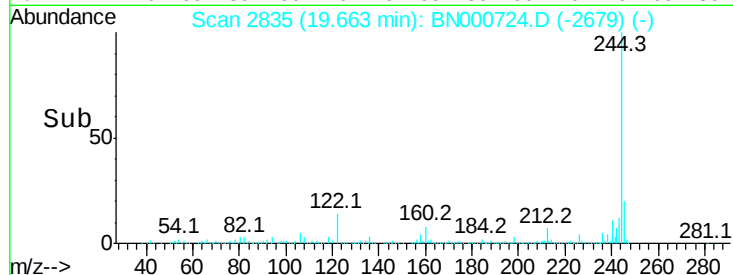
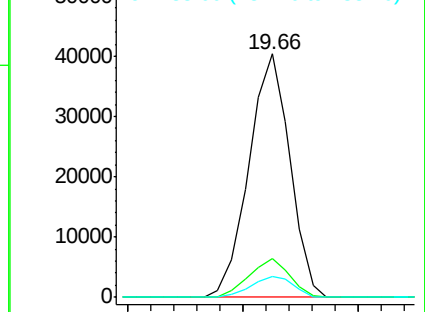
184 100

185 16.0 11.1 16.7

183 8.4 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: 0.243 ng

RT: 19.66 min Scan# 2835

Delta R.T. 0.22 min

Lab File: BN000724.D

Acq: 09 Apr 2018 23:44

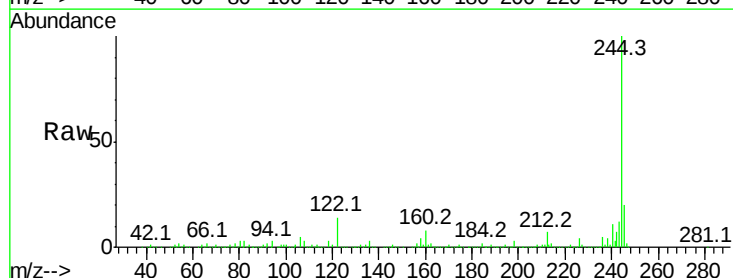
Tgt Ion:202 Resp: 11619

Ion Ratio Lower Upper

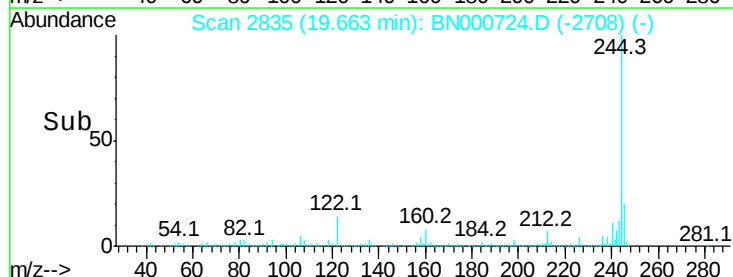
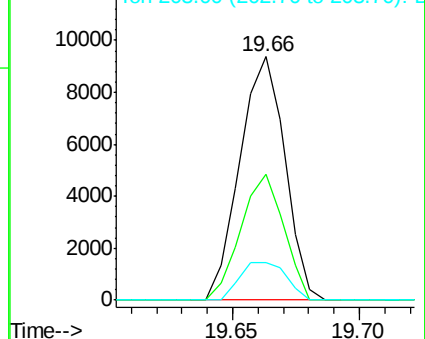
202 100

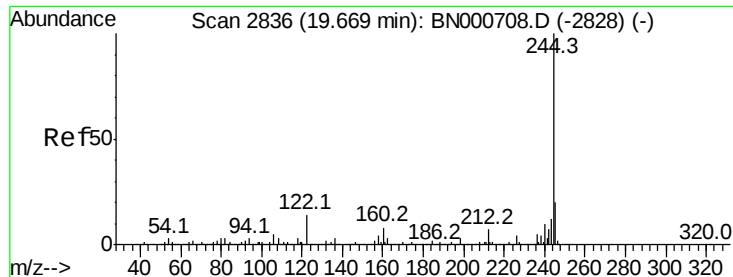
200 51.9 16.9 25.3#

203 15.6 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 108.052 ng

RT: 19.66 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BN000724.D

Acq: 09 Apr 2018 23:44

Instrument :

BNA_N

ClientSampleId :

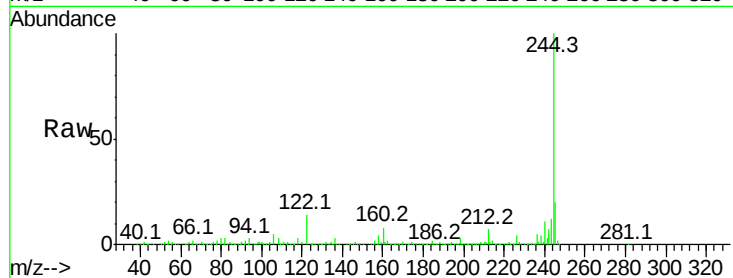
Tot Ion:244 Resp: 3302636

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

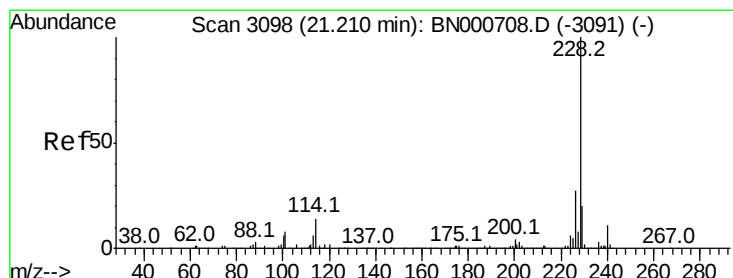
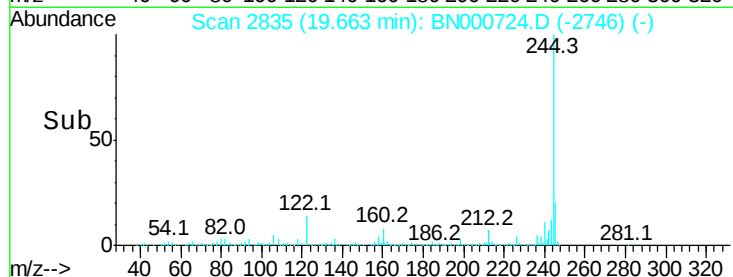
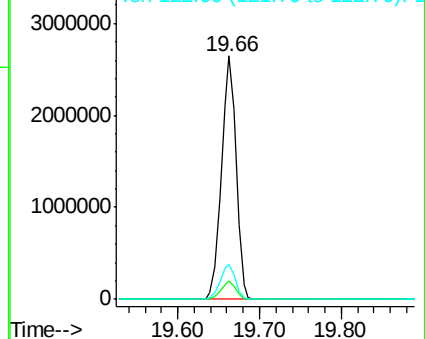
122 14.2 7.0 10.4#



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: 0.041 ng

RT: 21.22 min Scan# 3099

Delta R.T. 0.01 min

Lab File: BN000724.D

Acq: 09 Apr 2018 23:44

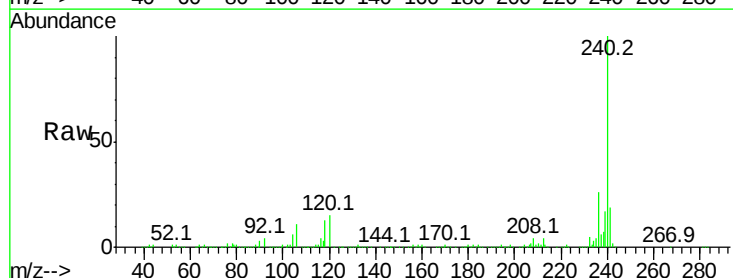
Tgt Ion:228 Resp: 1712

Ion Ratio Lower Upper

228 100

226 0.0 22.7 34.1#

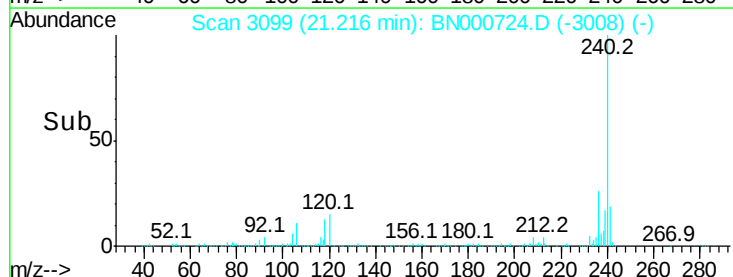
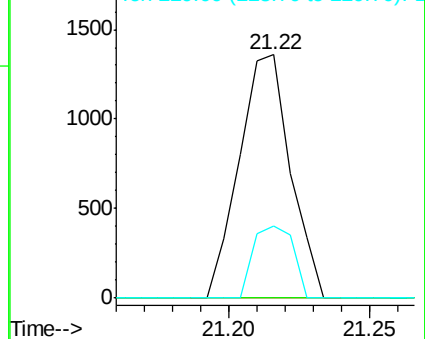
229 29.3 16.2 24.2#

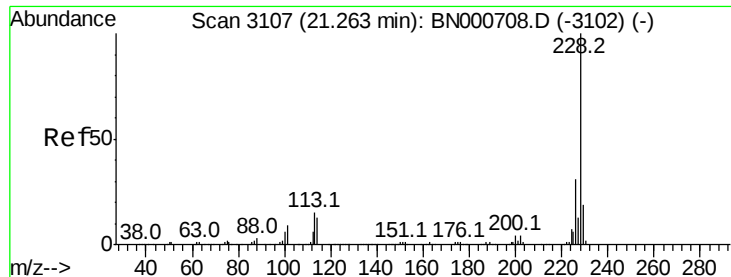


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 0.042 ng

RT: 21.22 min Scan# 3099

Delta R.T. -0.05 min

Lab File: BN000724.D

Acq: 09 Apr 2018 23:44

Instrument :

BNA_N

ClientSampleId :

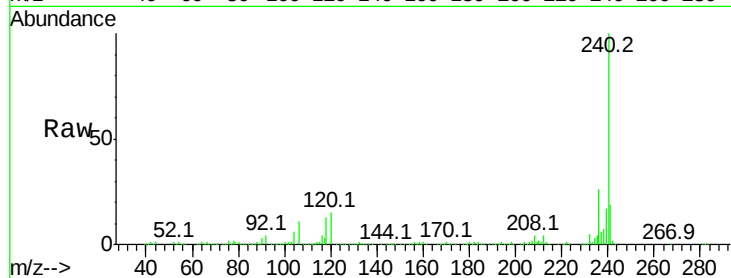
Tot Ion:228 Resp: 1712

Ion Ratio Lower Upper

228 100

226 0.0 24.9 37.3#

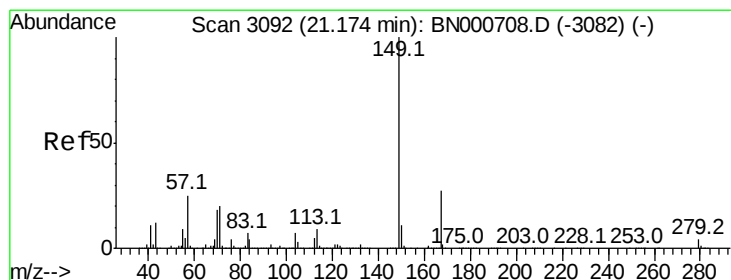
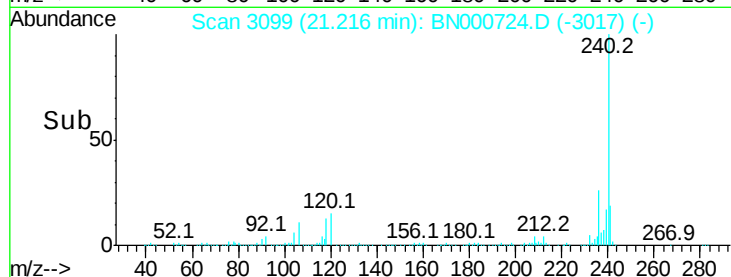
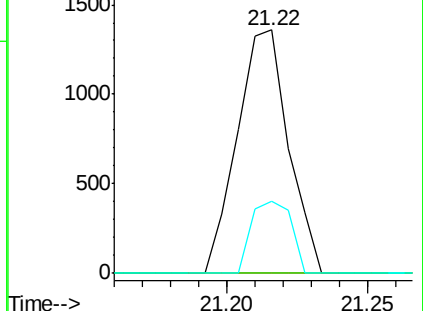
229 29.3 15.0 22.4#



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: 0.995 ng

RT: 21.16 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BN000724.D

Acq: 09 Apr 2018 23:44

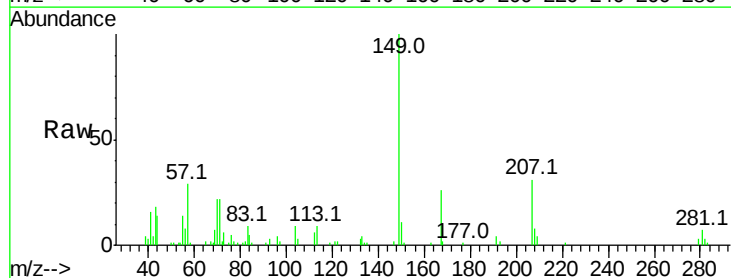
Tgt Ion:149 Resp: 29941

Ion Ratio Lower Upper

149 100

167 25.8 24.3 36.5

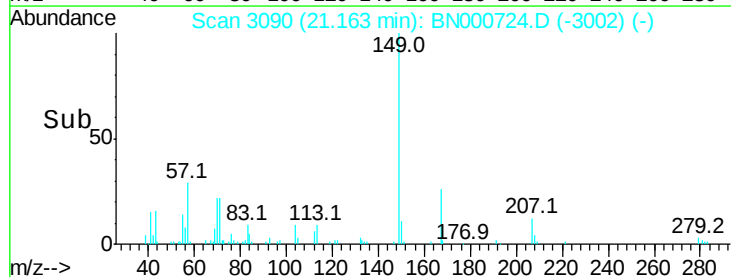
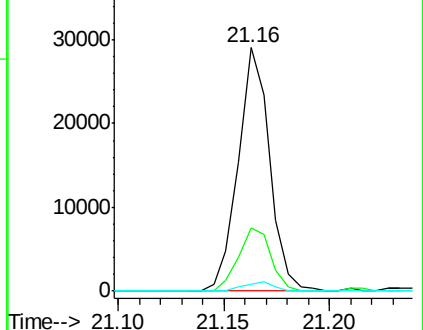
279 2.9 4.0 6.0#

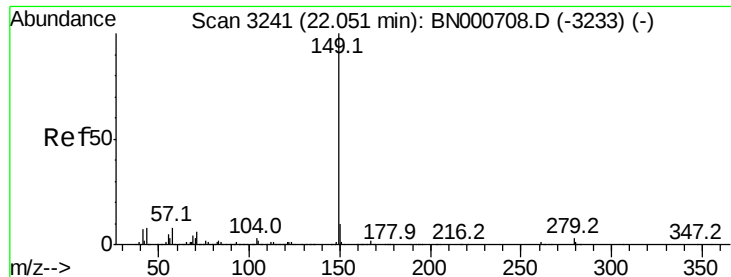


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

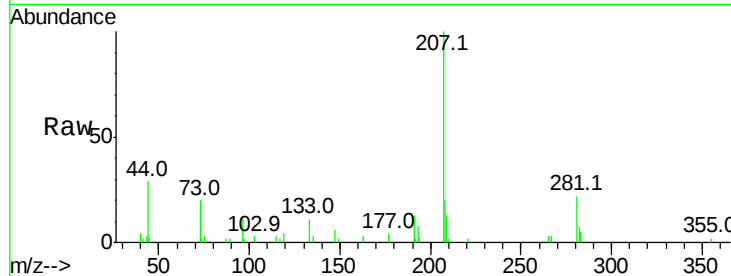




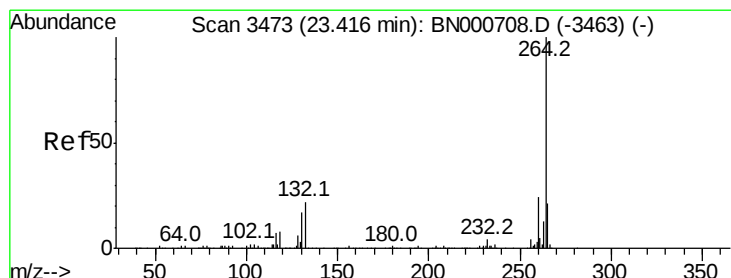
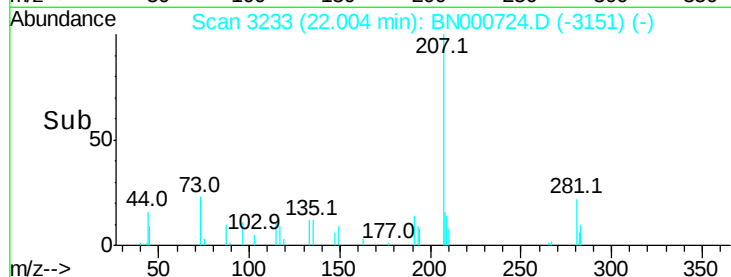
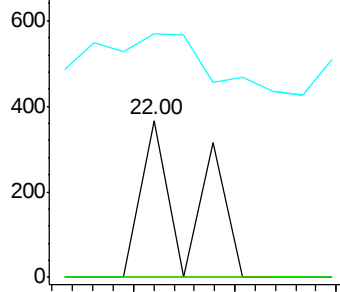
#84
Di-n-octyl phthalate
Concen: 0.006 ng
RT: 22.00 min Scan# 3233
Delta R.T. -0.05 min
Lab File: BN000724.D
Acq: 09 Apr 2018 23:44

Instrument :
BNA_N
ClientSampleId :

Tot Ion:149 Resp: 241
Ion Ratio Lower Upper
149 100
167 0.0 1.4 2.0#
43 87.6 8.9 13.3#

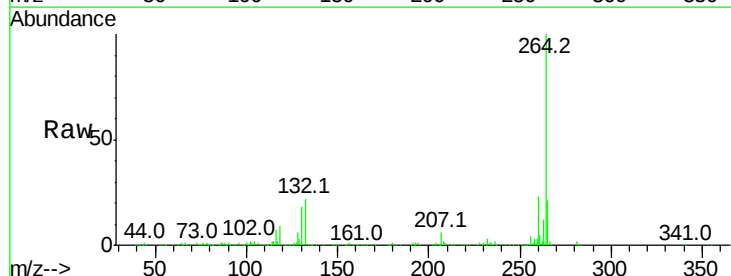


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BNC

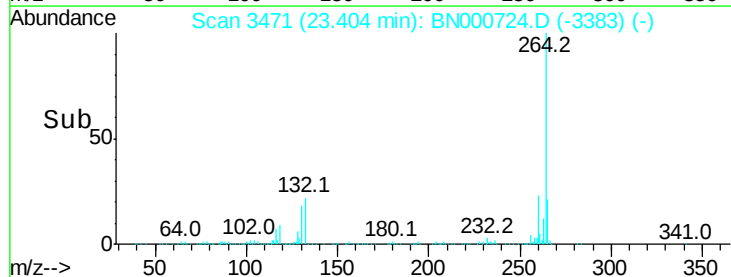
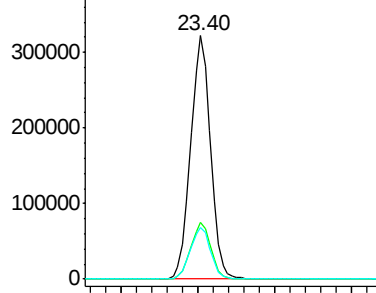


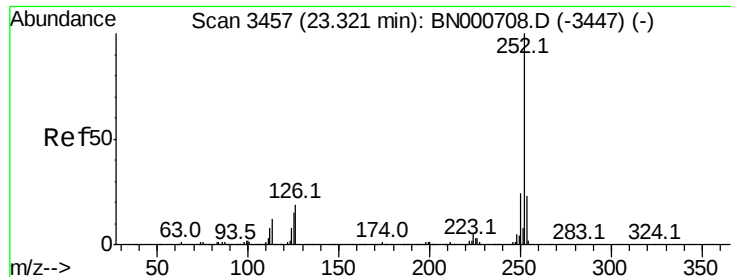
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.40 min Scan# 3471
Delta R.T. -0.01 min
Lab File: BN000724.D
Acq: 09 Apr 2018 23:44

Tgt Ion:264 Resp: 574554
Ion Ratio Lower Upper
264 100
260 23.4 17.4 26.0
265 21.1 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#89

Benzo(a)pyrene

Concen: 0.060 ng

RT: 23.40 min Scan# 3471

Delta R.T. 0.08 min

Lab File: BN000724.D

Acq: 09 Apr 2018 23:44

Instrument :

BNA_N

ClientSampleId :

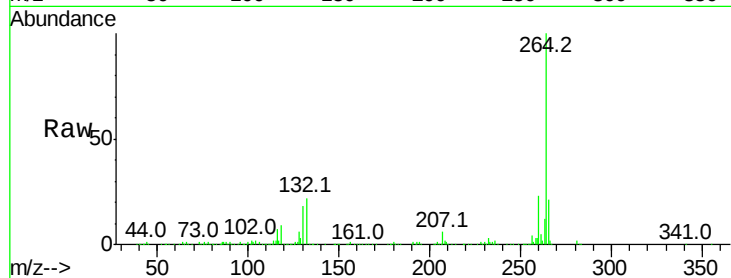
Tot Ion:252 Resp: 1907

Ion Ratio Lower Upper

252 100

253 31.1 18.3 27.5#

125 36.2 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

