

Data Path : Z:\HPCHEM1\BNA N\DATA\BN040918\
 Data File : BN000725.D
 Acq On : 10 Apr 2018 00:18
 Operator : JU/SJ
 Sample : J2292-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 10 04:36:40 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	168756	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	732822	20.00	ng	0.00
38) Acenaphthene-d10	14.26	164	379658	20.00	ng	0.00
63) Phenanthrene-d10	17.01	188	828640	20.00	ng	0.00
75) Chrysene-d12	21.22	240	705179	20.00	ng	0.00
86) Perylene-d12	23.40	264	335902	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	440017	38.50	ng	0.00
7) Phenol-d6	6.81	99	345759	22.22	ng	0.00
23) Nitrobenzene-d5	8.78	82	1322047	95.47	ng	0.00
41) 2,4,6-Tribromophenol	15.76	330	389610	104.38	ng	0.00
44) 2-Fluorobiphenyl	12.89	172	2606625	94.63	ng	0.00
78) Terphenyl-d14	19.66	244	3172460	98.26	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.26	88	513	0.098	ng	# 81
4) n-Nitrosodimethylamine	3.66	42	811	0.212	ng	# 1
6) Aniline	7.18	93	1130	0.054	ng	# 1
9) Benzaldehyde	6.82	77	719	0.091	ng	# 5
10) Phenol	6.83	94	13811	0.835	ng	# 91
11) bis(2-Chloroethyl)ether	7.18	93	1130	0.083	ng	# 1
15) Benzyl Alcohol	7.95	79	22100	2.085	ng	# 38
19) n-Nitroso-di-n-propylamine	8.78	70	164449	16.909	ng	# 67
24) Nitrobenzene	8.78	77	3815	0.254	ng	# 44
25) Isophorone	8.94	82	108	0.004	ng	# 69
31) Naphthalene	10.45	128	777	0.020	ng	# 68
37) 2-Methylnaphthalene	12.07	142	227	0.009	ng	# 71
45) 1,1'-Biphenyl	13.09	154	6203	0.182	ng	# 99
47) 2-Nitroaniline	13.73	65	654	0.090	ng	# 1
49) Dimethylphthalate	13.73	163	78455	2.596	ng	# 99
50) 2,6-Dinitrotoluene	14.26	165	48523	7.754	ng	# 20
51) Acenaphthene	14.26	154	1302	0.052	ng	# 5
54) Dibenzofuran	14.66	168	113	0.003	ng	# 46
56) 2,4-Dinitrotoluene	14.26	165	48523	5.972	ng	# 18
57) Fluorene	15.76	166	22633	0.799	ng	# 91
59) Diethylphthalate	15.10	149	2011	0.068	ng	# 84
62) Azobenzene	15.76	77	3003	0.092	ng	# 31
64) 4,6-Dinitro-2-methylphenol	15.76	198	1115	0.226	ng	# 1
65) n-Nitrosodiphenylamine	15.76	169	14603	0.528	ng	# 42
66) 4-Bromophenyl-phenylether	15.76	248	26960	3.254	ng	# 1
70) Phenanthrene	17.05	178	1725	0.036	ng	# 79
71) Anthracene	17.14	178	1064	0.023	ng	# 59
73) Di-n-butylphthalate	18.00	149	8009	0.155	ng	# 96
74) Fluoranthene	19.07	202	1672	0.035	ng	# 65
76) Benzidine	19.66	184	48049	2.493	ng	# 91
77) Pyrene	19.44	202	1793	0.036	ng	# 68
79) Butylbenzylphthalate	20.37	149	107	5.066	ng	# 53
80) Benzo(a)anthracene	21.21	228	2979	0.067	ng	# 59
82) Chrysene	21.25	228	1351	0.031	ng	# 79

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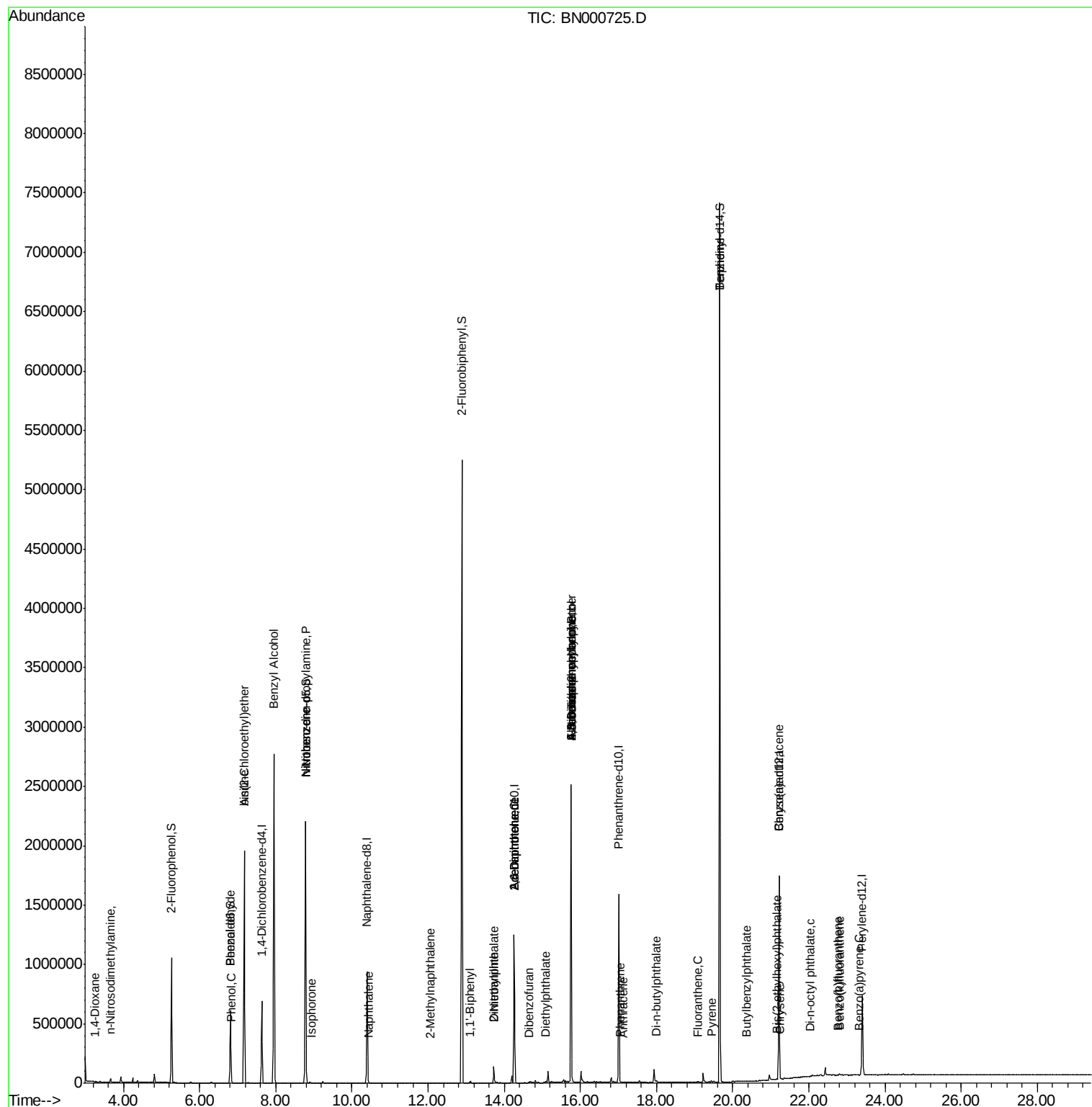
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) Bis(2-ethylhexyl)phthalate	21.16	149	3556	0.112	ng	# 92
84) Di-n-octyl phthalate	22.04	149	1555	0.035	ng	# 71
87) Benzo(b)fluoranthene	22.76	252	983	0.048	ng	# 59
88) Benzo(k)fluoranthene	22.80	252	817	0.040	ng	# 23
89) Benzo(a)pyrene	23.31	252	502	0.027	ng	# 59

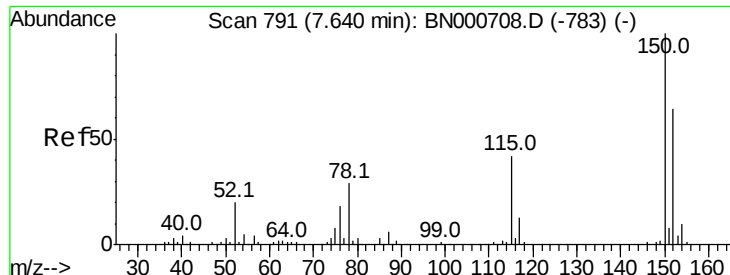
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN000725.D

Acq: 10 Apr 2018 00:18

Instrument :

BNA_N

ClientSampled :

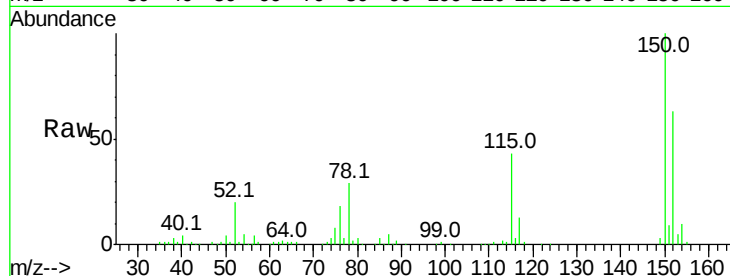
Tot Ion:152 Resp: 168756

Ion Ratio Lower Upper

152 100

150 158.0 126.6 189.8

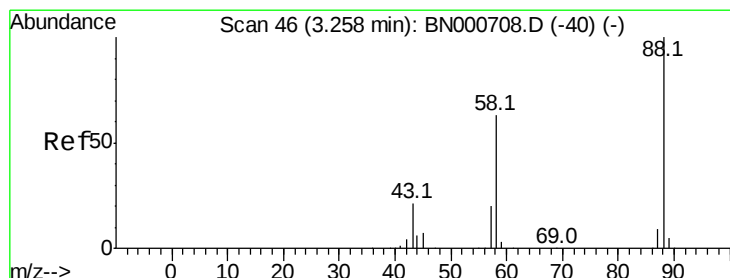
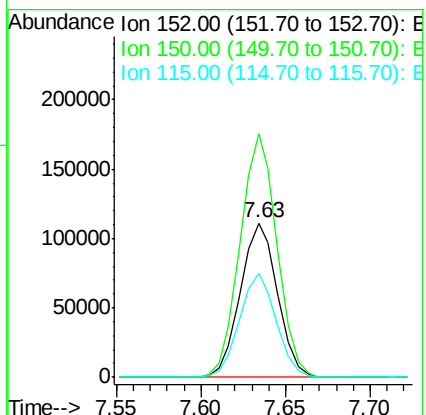
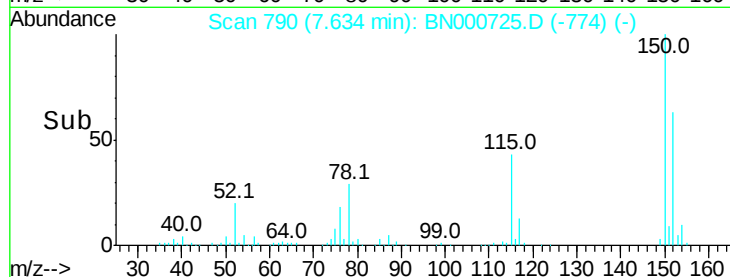
115 67.3 53.0 79.4



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: 0.098 ng

RT: 3.26 min Scan# 47

Delta R.T. 0.01 min

Lab File: BN000725.D

Acq: 10 Apr 2018 00:18

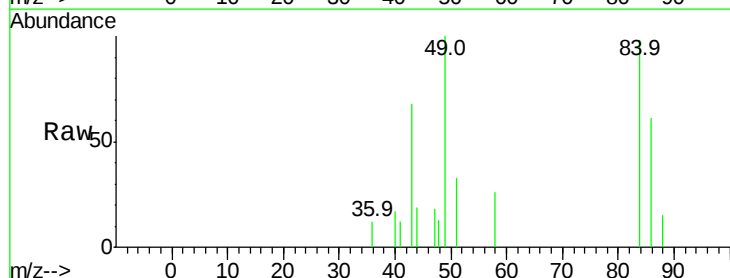
Tgt Ion: 88 Resp: 513

Ion Ratio Lower Upper

88 100

58 59.1 52.0 78.0

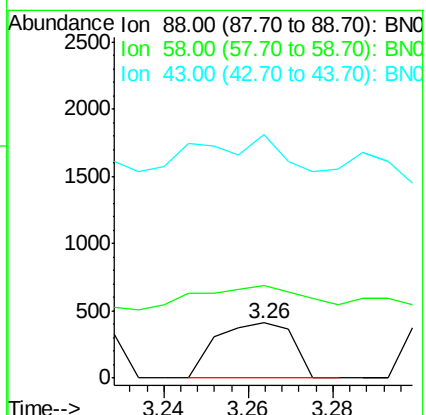
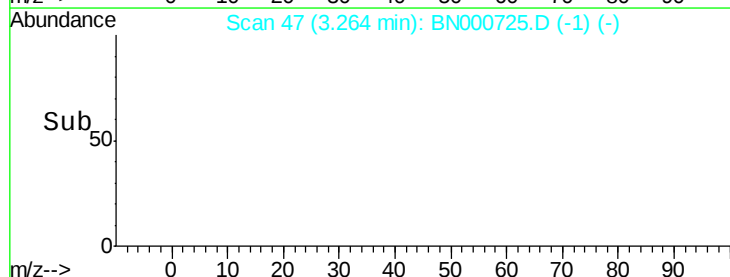
43 0.0 20.0 30.0#

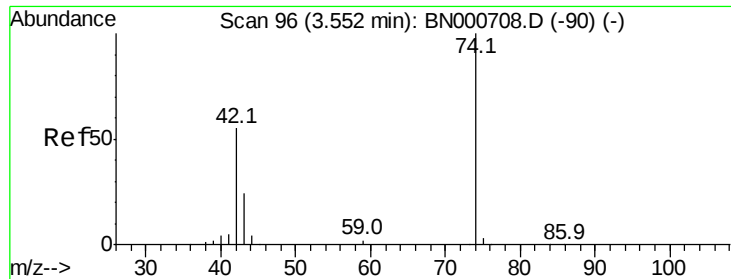


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC



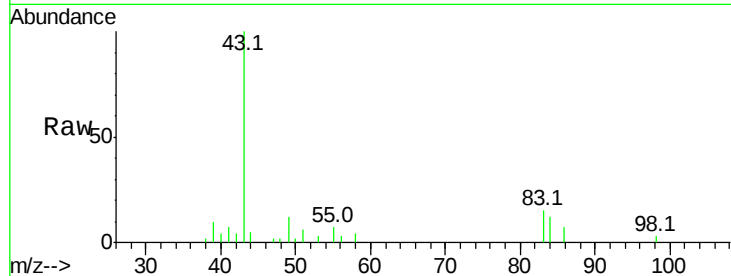


#4

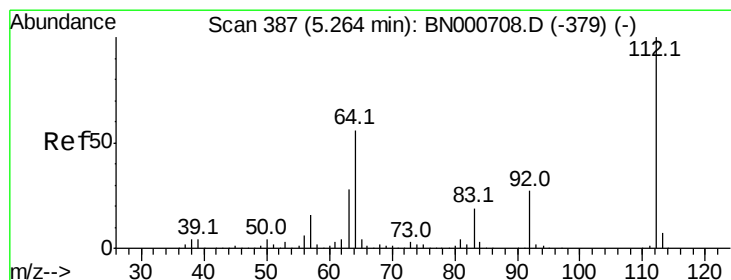
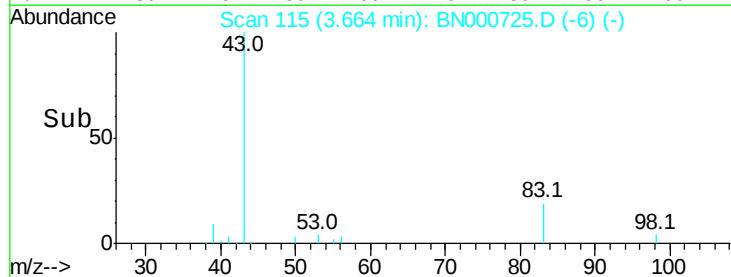
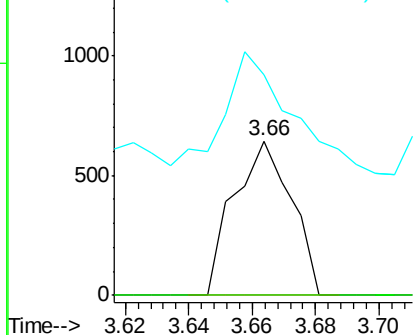
n-Nitrosodimethylamine
 Concen: 0.212 ng
 RT: 3.66 min Scan# 115
 Delta R.T. 0.11 min
 Lab File: BN000725.D
 Acq: 10 Apr 2018 00:18

Instrument :
 BNA_N
 ClientSampled :

Tot Ion: 42 Resp: 811
 Ion Ratio Lower Upper
 42 100
 74 0.0 128.0 192.0#
 44 143.3 12.0 18.0#



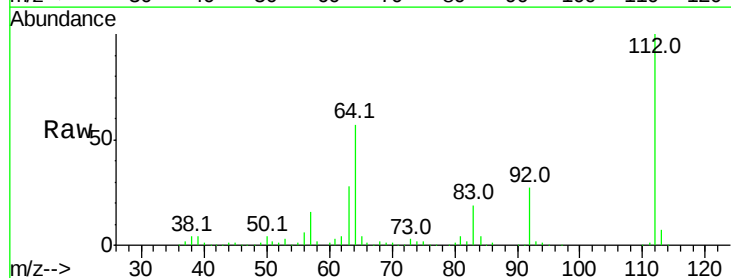
Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



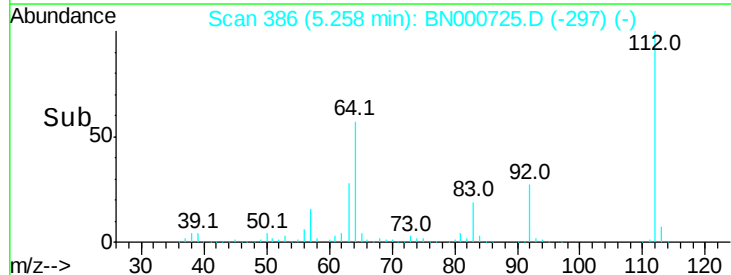
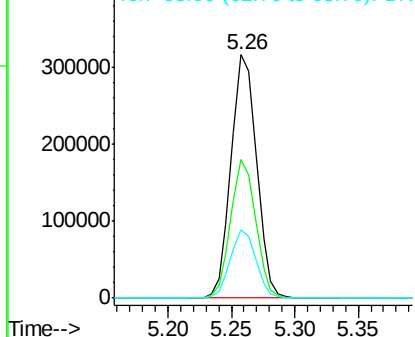
#5

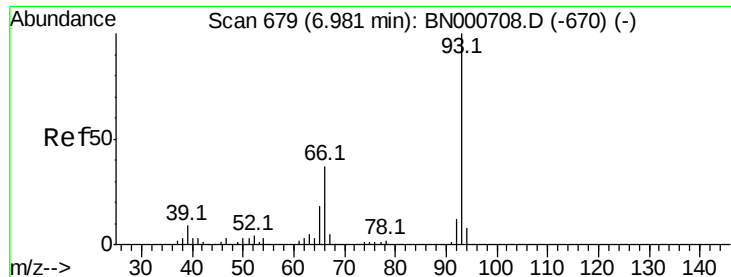
2-Fluorophenol
 Concen: 38.500 ng
 RT: 5.26 min Scan# 386
 Delta R.T. -0.01 min
 Lab File: BN000725.D
 Acq: 10 Apr 2018 00:18

Tgt Ion: 112 Resp: 440017
 Ion Ratio Lower Upper
 112 100
 64 56.8 56.3 84.5
 63 27.9 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BN0
 Ion 63.00 (62.70 to 63.70): BN0





#6

Aniline

Concen: 0.054 ng

RT: 7.18 min Scan# 712

Delta R.T. 0.19 min

Lab File: BN000725.D

Acq: 10 Apr 2018 00:18

Instrument :

BNA_N

ClientSampleId :

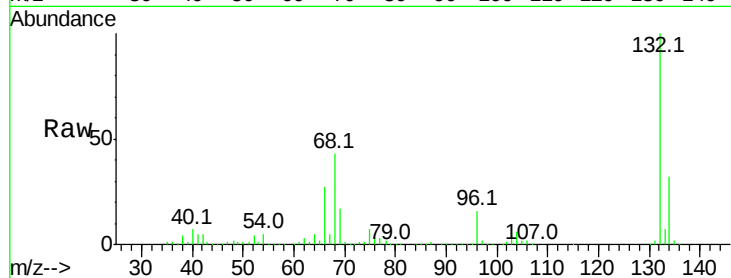
Tot Ion: 93 Resp: 1130

Ion Ratio Lower Upper

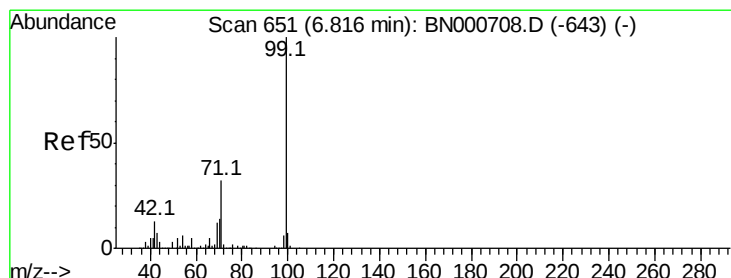
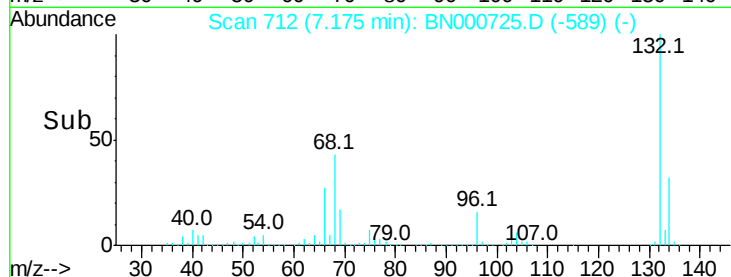
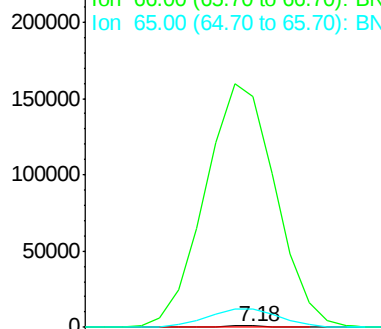
93 100

66 17434.5 33.7 50.5#

65 1378.0 16.1 24.1#



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



#7

Phenol-d6

Concen: 22.222 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.01 min

Lab File: BN000725.D

Acq: 10 Apr 2018 00:18

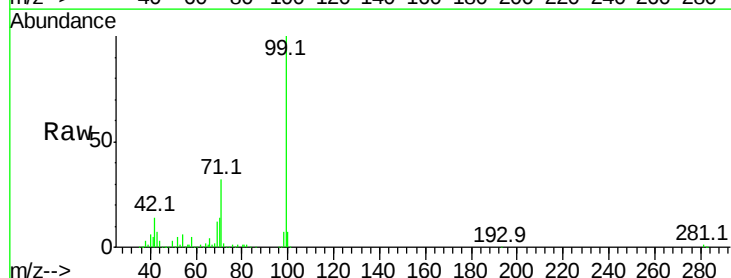
Tgt Ion: 99 Resp: 345759

Ion Ratio Lower Upper

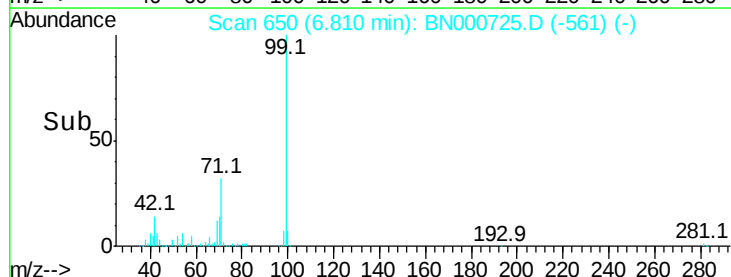
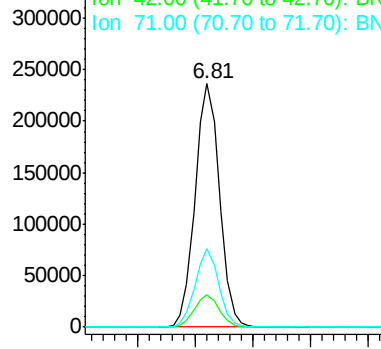
99 100

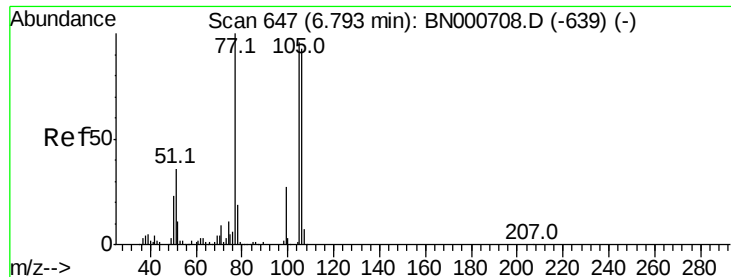
42 13.6 14.1 21.1#

71 32.0 26.1 39.1



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





#9

Benzaldehyde

Concen: 0.091 ng

RT: 6.82 min Scan# 651

Delta R.T. 0.02 min

Lab File: BN000725.D

Acq: 10 Apr 2018 00:18

Instrument :

BNA_N

ClientSampleId :

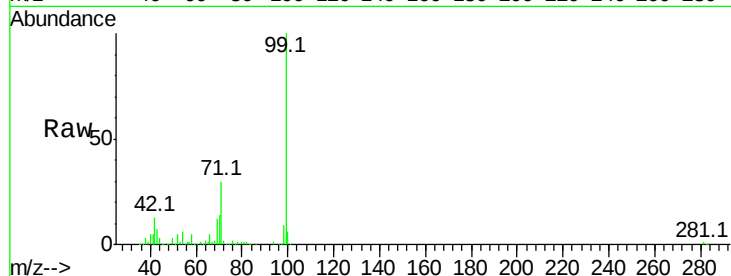
Tot Ion: 77 Resp: 719

Ion Ratio Lower Upper

77 100

105 0.0 71.3 111.3#

106 0.0 64.2 104.2#



Abundance Ion 77.00 (76.70 to 77.70): BN0

Ion 105.00 (104.70 to 105.70): BN0

Ion 106.00 (105.70 to 106.70): BN0

6.82

400

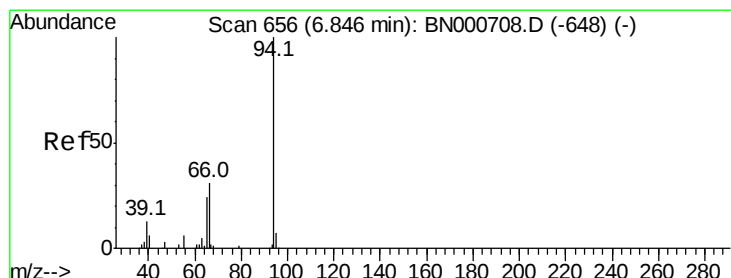
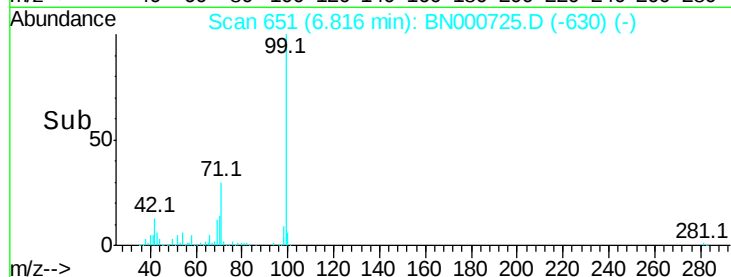
300

200

100

0

Time--> 6.76 6.78 6.80 6.82 6.84



#10

Phenol

Concen: 0.835 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.01 min

Lab File: BN000725.D

Acq: 10 Apr 2018 00:18

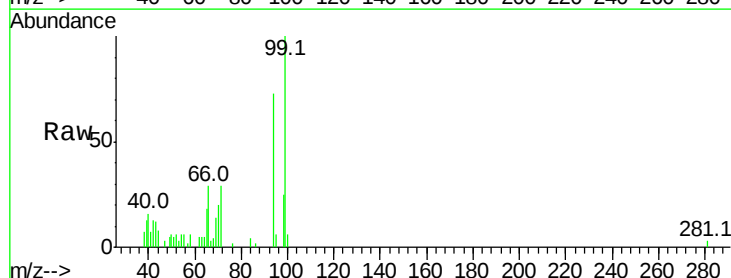
Tgt Ion: 94 Resp: 13811

Ion Ratio Lower Upper

94 100

65 24.4 11.9 51.9

66 39.0 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BN0

Ion 65.00 (64.70 to 65.70): BN0

Ion 66.00 (65.70 to 66.70): BN0

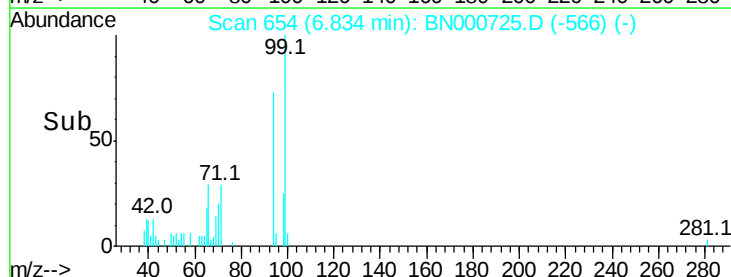
6.83

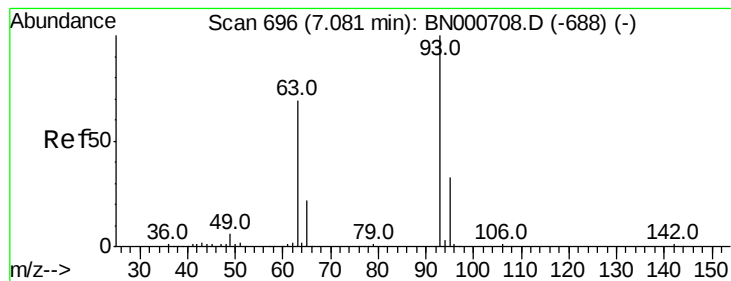
10000

5000

0

Time--> 6.80 6.85

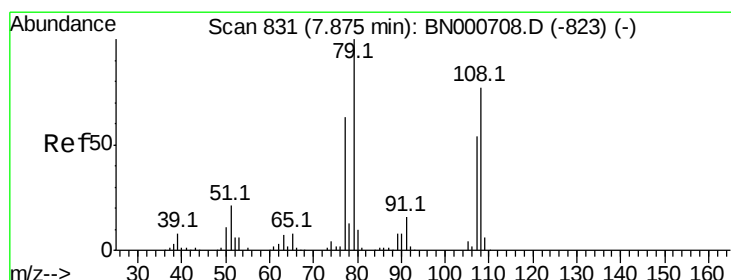
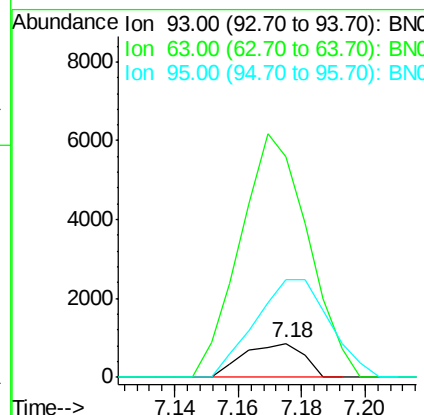
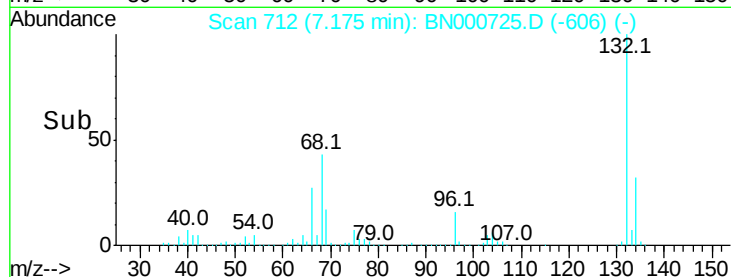
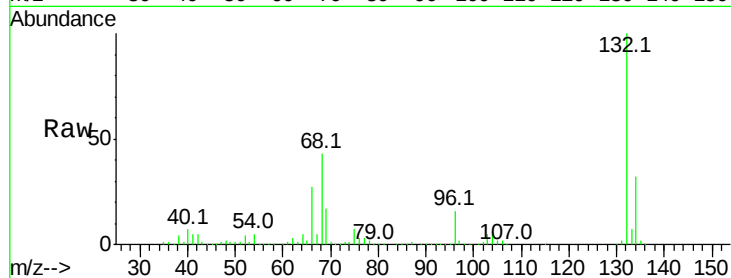




#11
bis(2-Chloroethyl)ether
Concen: 0.083 ng
RT: 7.18 min Scan# 712
Delta R.T. 0.09 min
Lab File: BN000725.D
Acq: 10 Apr 2018 00:18

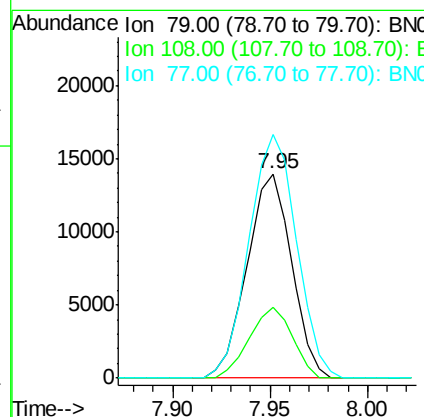
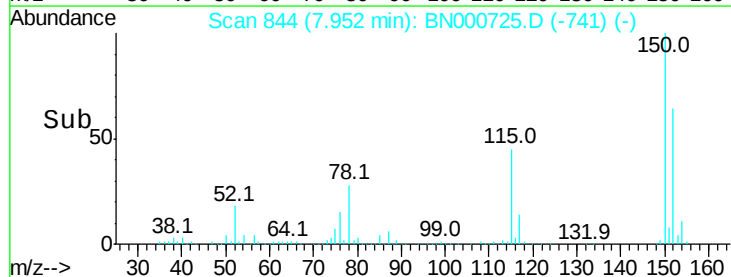
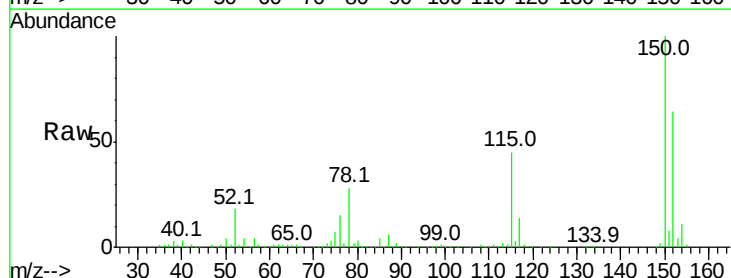
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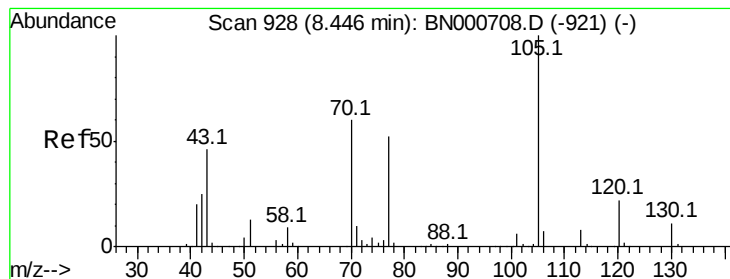
Tot Ion: 93 Resp: 1130
Ion Ratio Lower Upper
93 100
63 641.7 67.1 107.1#
95 285.3 11.5 51.5#



#15
Benzyl Alcohol
Concen: 2.085 ng
RT: 7.95 min Scan# 844
Delta R.T. 0.08 min
Lab File: BN000725.D
Acq: 10 Apr 2018 00:18

Tgt Ion: 79 Resp: 22100
Ion Ratio Lower Upper
79 100
108 34.6 57.2 85.8#
77 119.3 46.1 69.1#





#19

n-Nitroso-di-n-propylamine

Concen: 16.909 ng

RT: 8.78 min Scan# 985

Delta R.T. 0.34 min

Lab File: BN000725.D

Acq: 10 Apr 2018 00:18

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 70 Resp: 164449

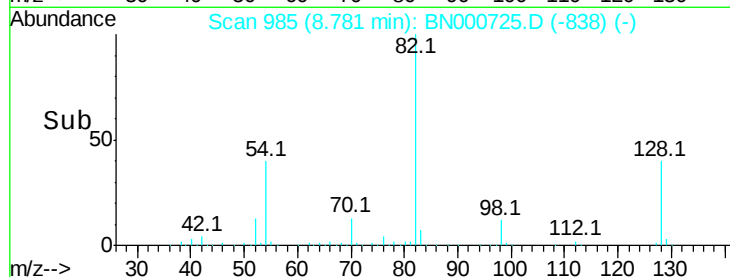
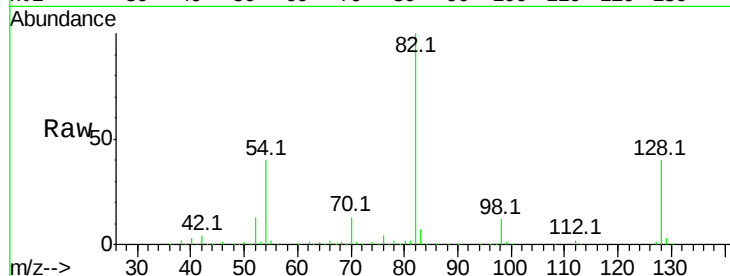
Ion Ratio Lower Upper

70 100

42 35.8 49.1 73.7#

101 0.0 8.5 12.7#

130 2.0 13.4 20.0#

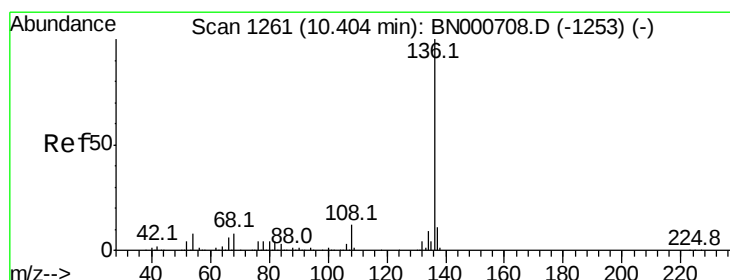
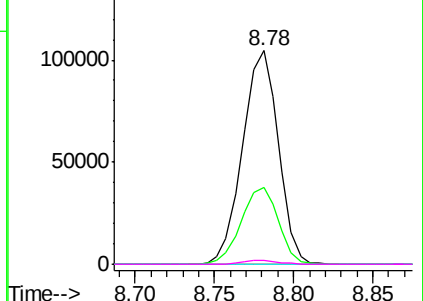


Abundance Ion 70.00 (69.70 to 70.70): BN000725.D (-838) (-)

Ion 42.00 (41.70 to 42.70): BN000725.D (-838) (-)

Ion 101.00 (100.70 to 101.70): BN000725.D (-838) (-)

Ion 130.00 (129.70 to 130.70): BN000725.D (-838) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.40 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BN000725.D

Acq: 10 Apr 2018 00:18

Tgt Ion: 136 Resp: 732822

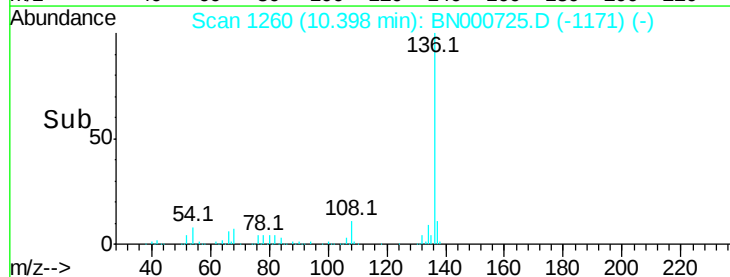
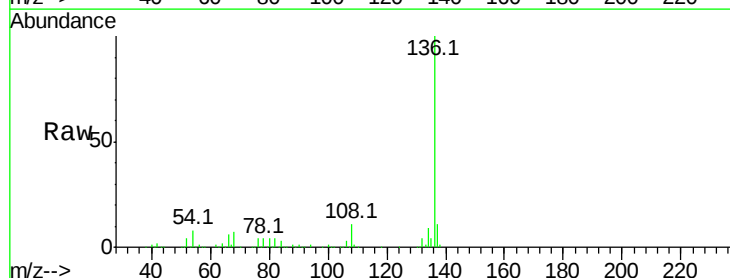
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 7.7 10.3 15.5#

68 7.5 4.5 6.7#

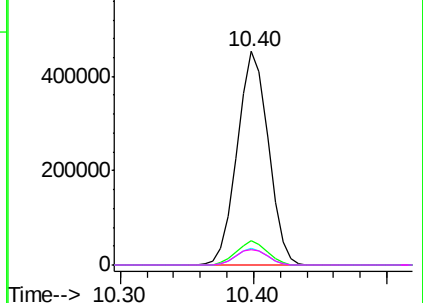


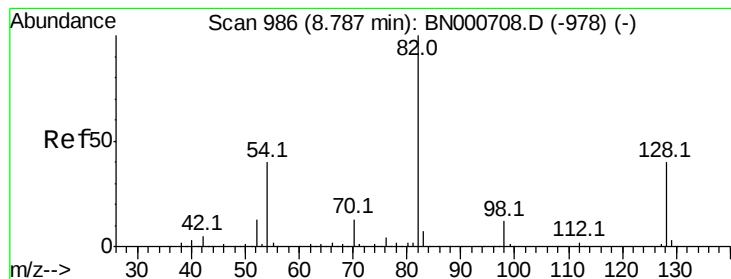
Abundance Ion 136.00 (135.70 to 136.70): BN000725.D (-1171) (-)

Ion 137.00 (136.70 to 137.70): BN000725.D (-1171) (-)

Ion 54.00 (53.70 to 54.70): BN000725.D (-1171) (-)

Ion 68.00 (67.70 to 68.70): BN000725.D (-1171) (-)





#23

Nitrobenzene-d5

Concen: 95.466 ng

RT: 8.78 min Scan# 985

Delta R.T. -0.01 min

Lab File: BN000725.D

Acq: 10 Apr 2018 00:18

Instrument :

BNA_N

ClientSampleId :

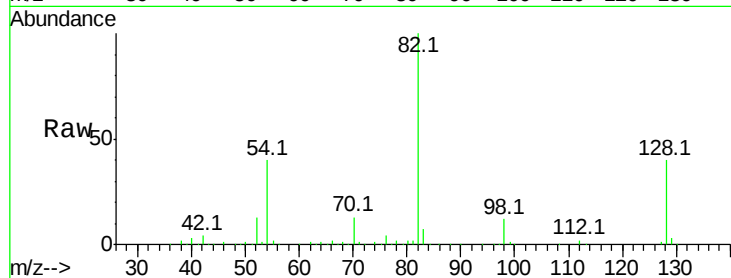
Tot Ion: 82 Resp: 1322047

Ion Ratio Lower Upper

82 100

128 40.3 29.7 44.5

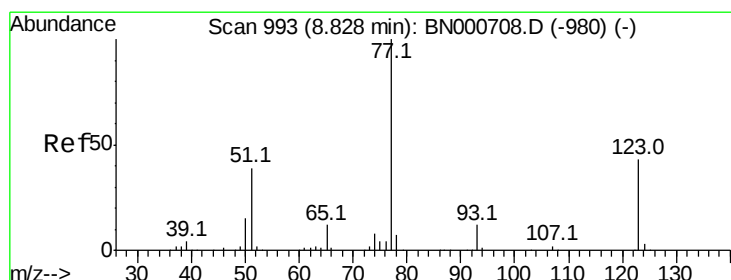
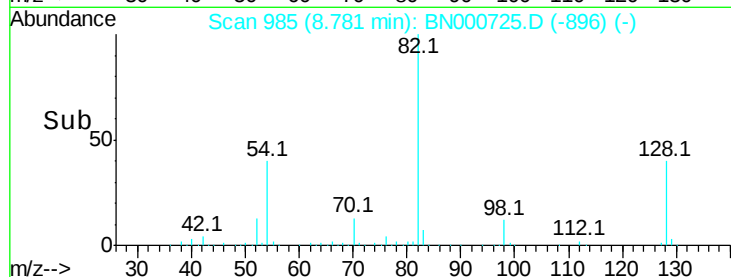
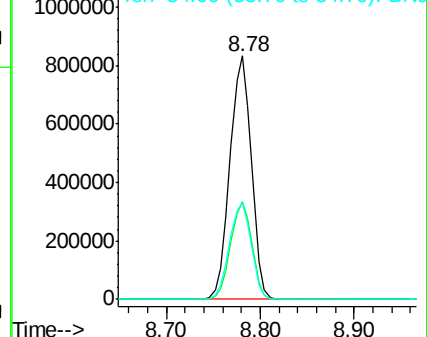
54 39.7 43.1 64.7#



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): BNC

Ion 54.00 (53.70 to 54.70): BNC



#24

Nitrobenzene

Concen: 0.254 ng

RT: 8.78 min Scan# 985

Delta R.T. -0.05 min

Lab File: BN000725.D

Acq: 10 Apr 2018 00:18

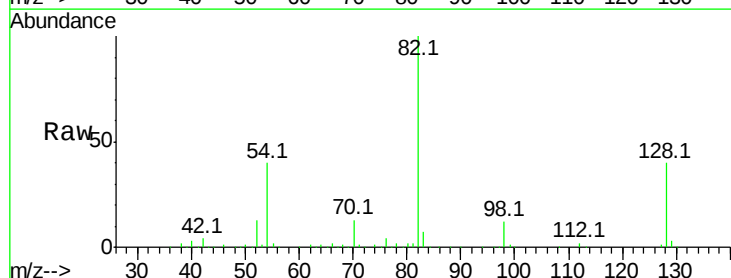
Tgt Ion: 77 Resp: 3815

Ion Ratio Lower Upper

77 100

123 0.0 33.0 49.6#

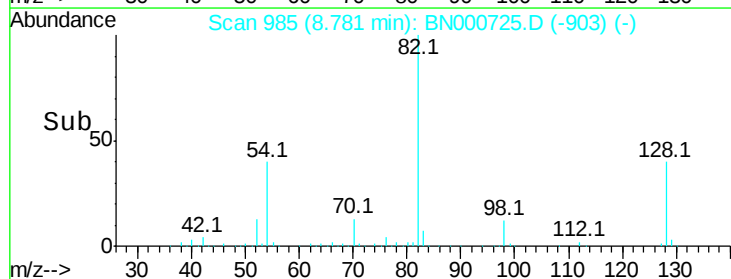
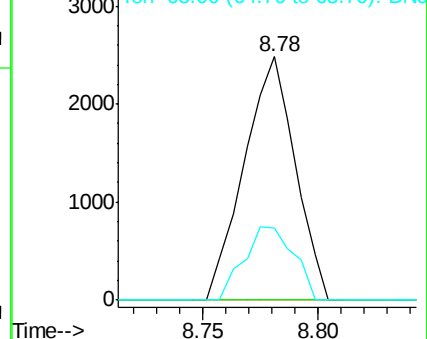
65 29.4 13.0 19.6#

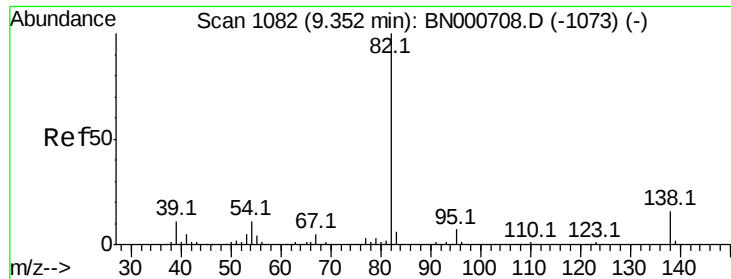


Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 123.00 (122.70 to 123.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#25

Isophorone

Concen: 0.004 ng

RT: 8.94 min Scan# 1012

Delta R.T. -0.41 min

Lab File: BN000725.D

Acq: 10 Apr 2018 00:18

Instrument :

BNA_N

ClientSampleId :

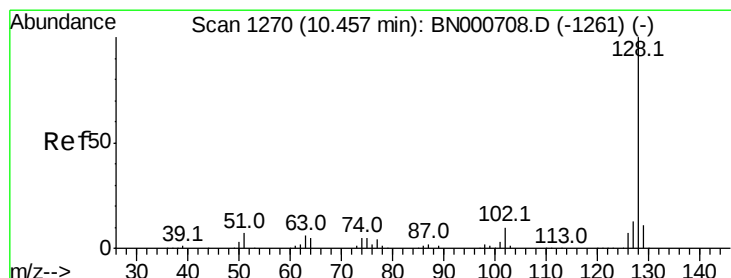
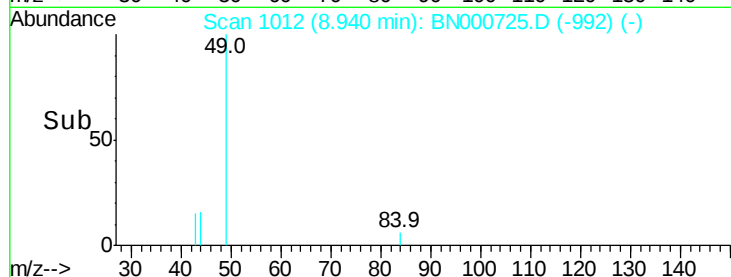
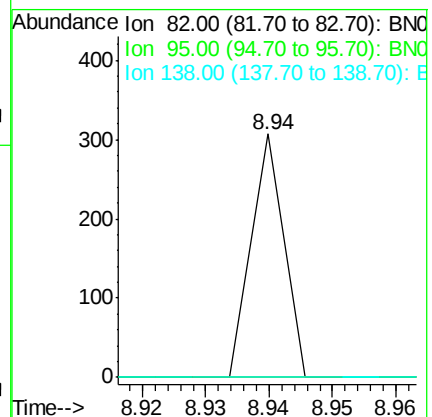
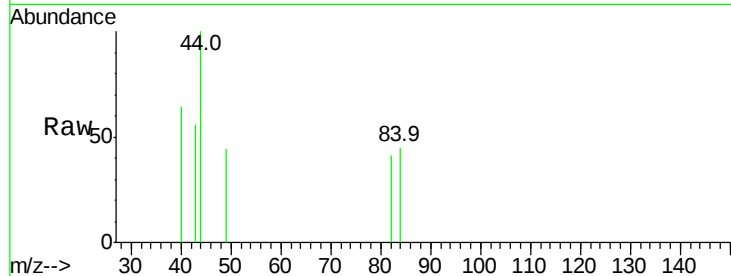
Tot Ion: 82 Resp: 108

Ion Ratio Lower Upper

82 100

95 0.0 6.2 9.2#

138 0.0 12.1 18.1#



#31

Naphthalene

Concen: 0.020 ng

RT: 10.45 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BN000725.D

Acq: 10 Apr 2018 00:18

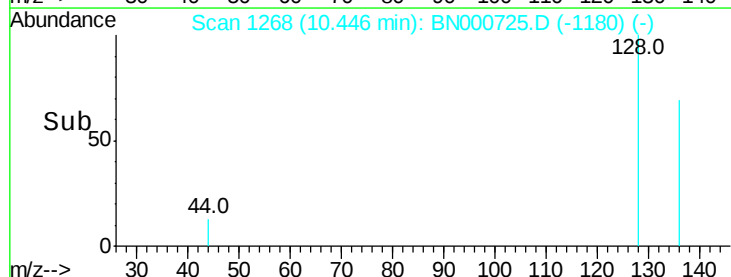
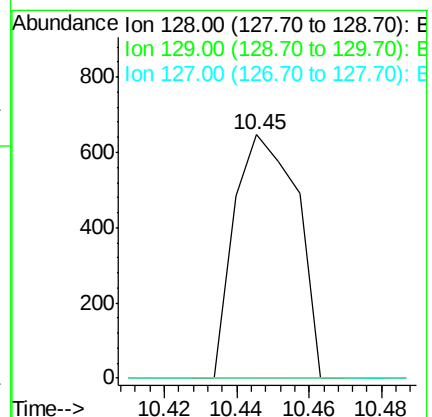
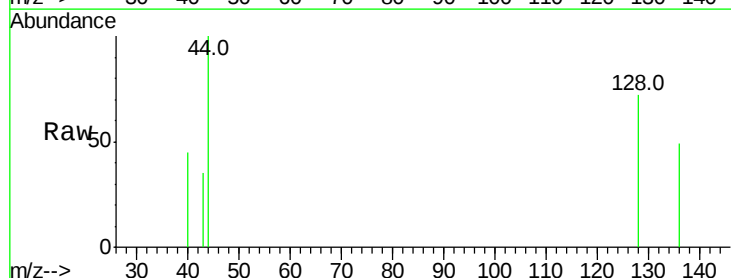
Tgt Ion: 128 Resp: 777

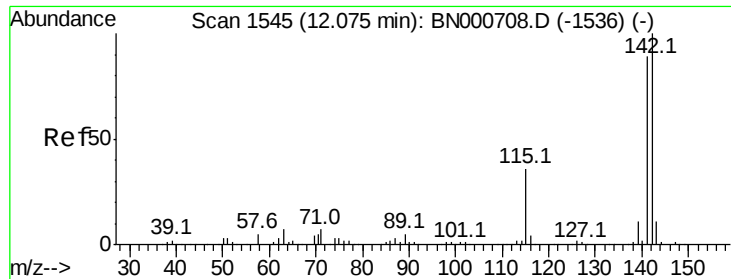
Ion Ratio Lower Upper

128 100

129 0.0 8.6 12.8#

127 0.0 11.6 17.4#

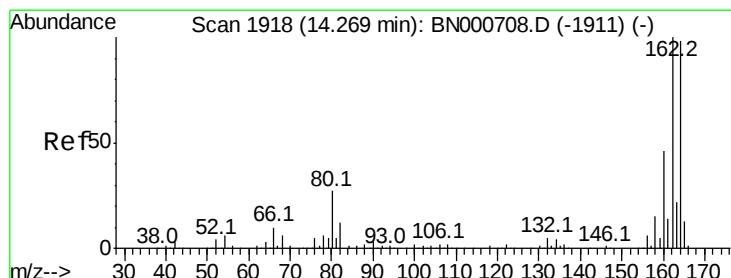
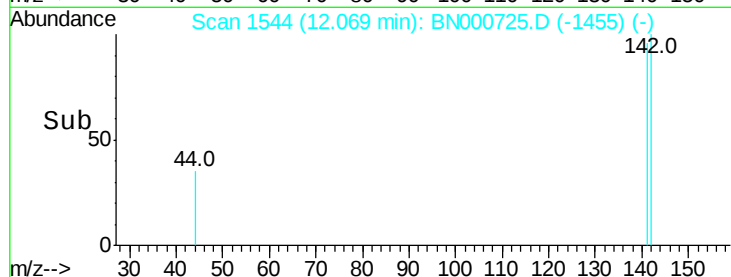
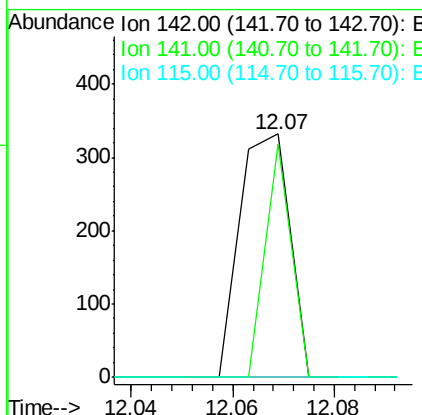
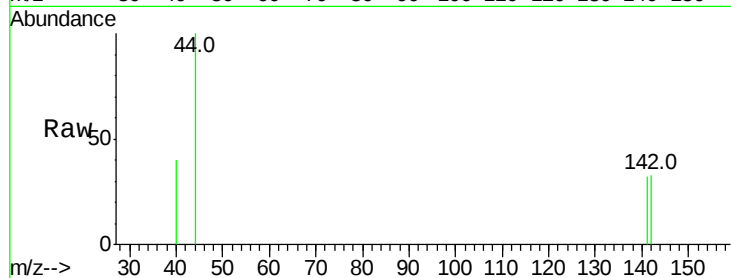




#37
 2-Methylnaphthalene
 Concen: 0.009 ng
 RT: 12.07 min Scan# 1544
 Delta R.T. -0.01 min
 Lab File: BN000725.D
 Acq: 10 Apr 2018 00:18

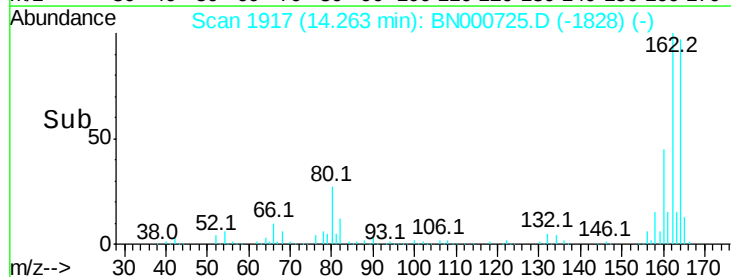
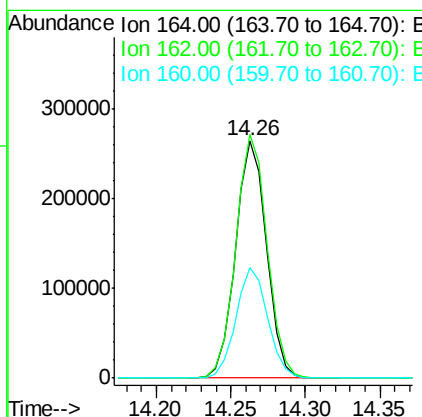
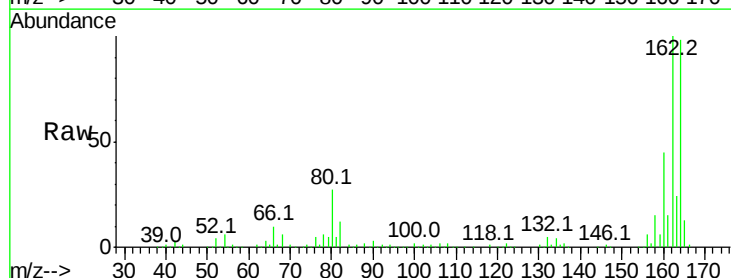
Instrument :
 BNA_N
 ClientSampleId :

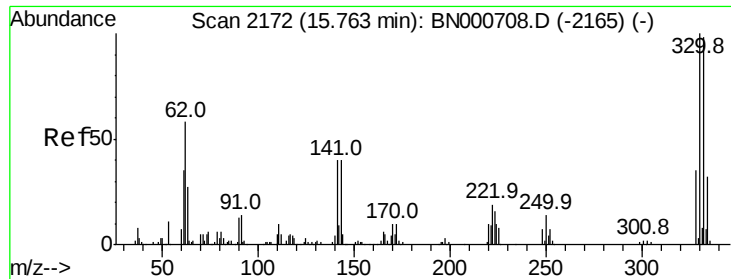
Tot Ion:142 Resp: 227
 Ion Ratio Lower Upper
 142 100
 141 96.1 67.1 100.7
 115 0.0 30.7 46.1#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.26 min Scan# 1917
 Delta R.T. -0.01 min
 Lab File: BN000725.D
 Acq: 10 Apr 2018 00:18

Tgt Ion:164 Resp: 379658
 Ion Ratio Lower Upper
 164 100
 162 102.4 78.8 118.2
 160 46.5 35.4 53.0

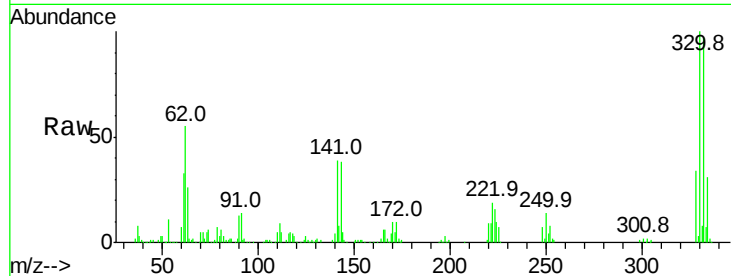




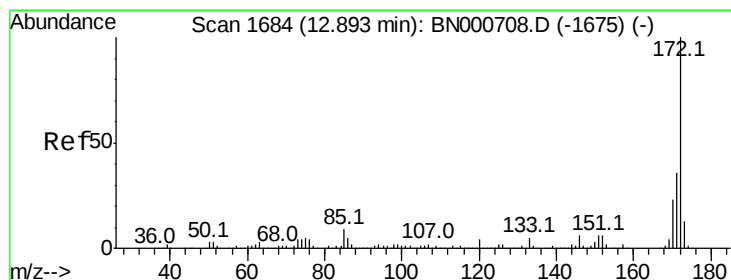
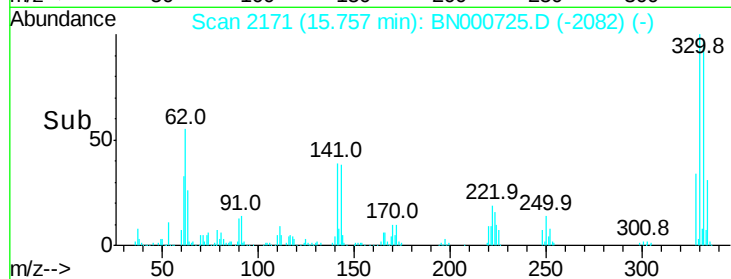
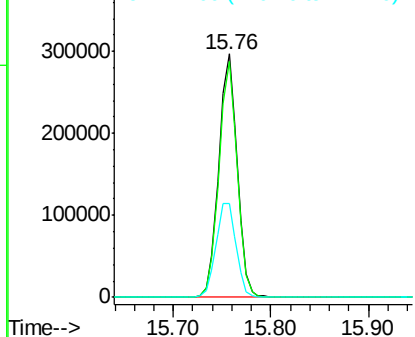
#41
 2,4,6-Tribromophenol
 Concen: 104.376 ng
 RT: 15.76 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BN000725.D
 Acq: 10 Apr 2018 00:18

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	42.3	25.2	37.8#

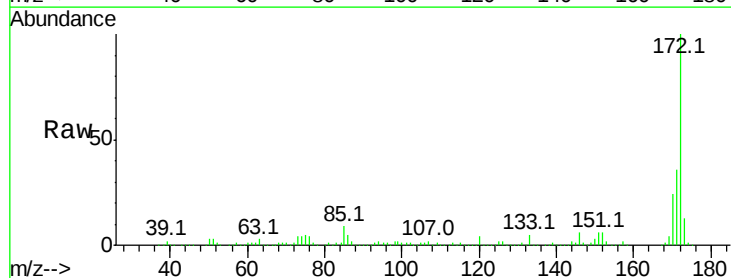


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

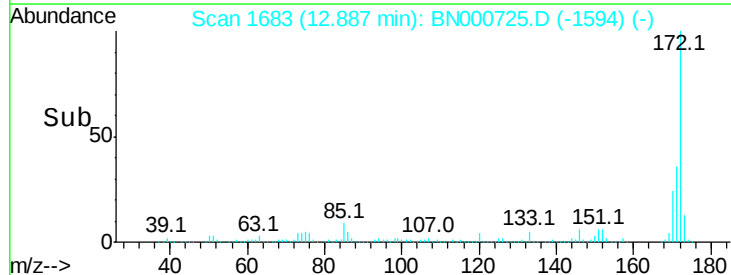
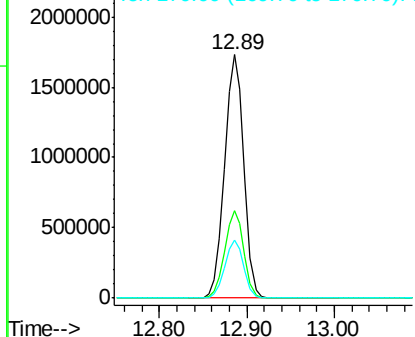


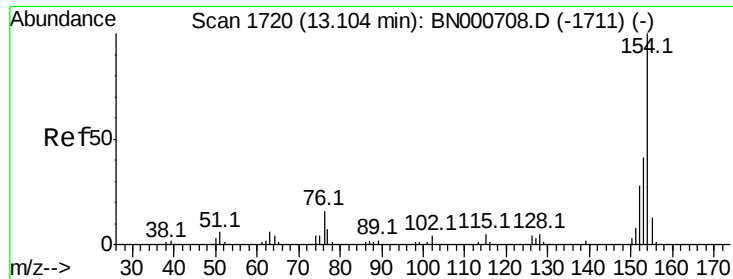
#44
 2-Fluorobiphenyl
 Concen: 94.626 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BN000725.D
 Acq: 10 Apr 2018 00:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.0	45.0
170	23.6	19.5	29.3



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

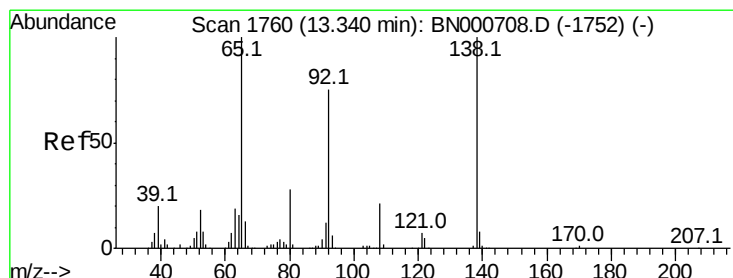
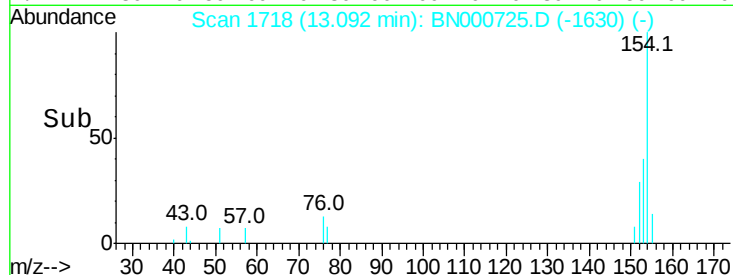
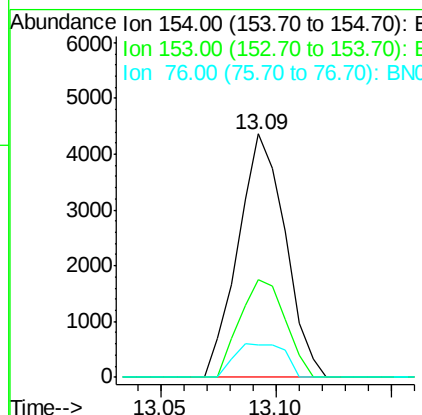
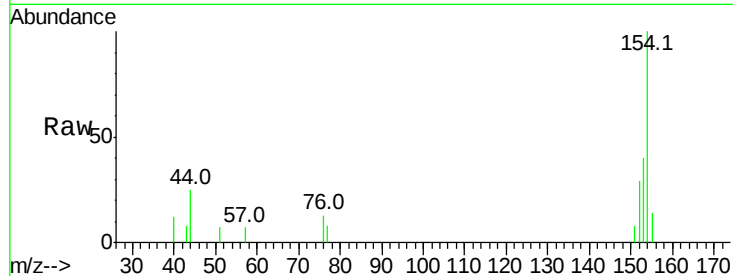




#45
 1,1'-Biphenyl
 Concen: 0.182 ng
 RT: 13.09 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BN000725.D
 Acq: 10 Apr 2018 00:18

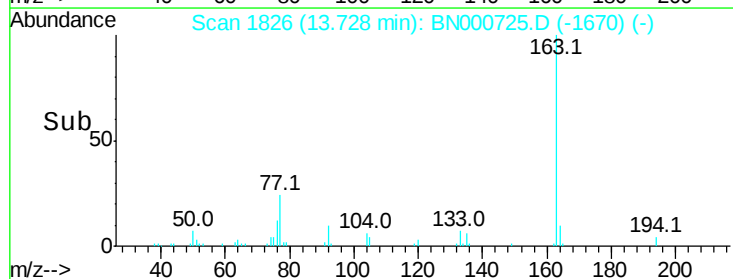
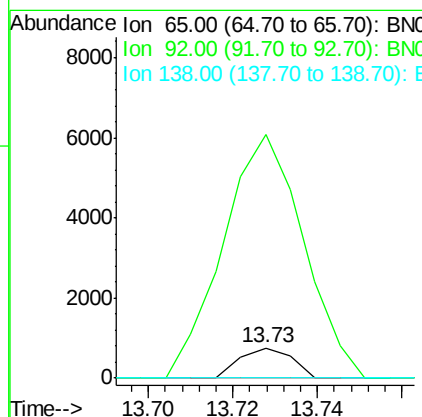
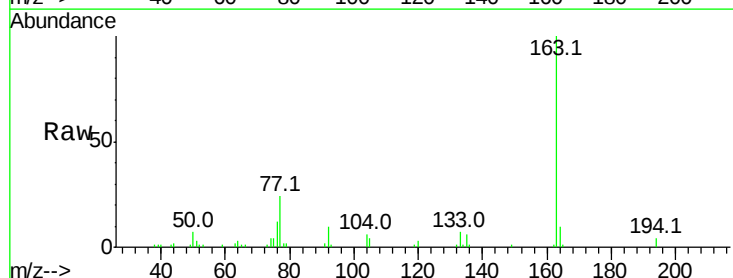
Instrument :
 BNA_N
 ClientSampleId :

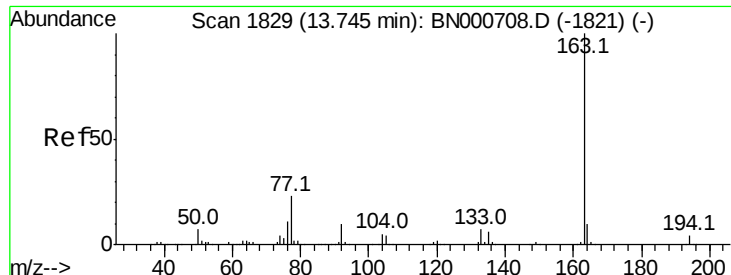
Tot Ion:	154	Resp:	6203
Ion	Ratio	Lower	Upper
154	100		
153	40.1	19.8	59.8
76	13.2	0.0	31.9



#47
 2-Nitroaniline
 Concen: 0.090 ng
 RT: 13.73 min Scan# 1826
 Delta R.T. 0.39 min
 Lab File: BN000725.D
 Acq: 10 Apr 2018 00:18

Tgt Ion:	65	Resp:	654
Ion	Ratio	Lower	Upper
65	100		
92	800.8	54.6	82.0#
138	0.0	72.9	109.3#





#49

Dimethylphthalate

Concen: 2.596 ng

RT: 13.73 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BN000725.D

Acq: 10 Apr 2018 00:18

Instrument :

BNA_N

ClientSampleId :

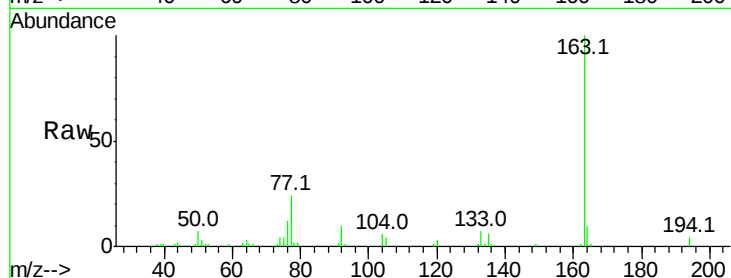
Tot Ion:163 Resp: 78455

Ion Ratio Lower Upper

163 100

194 3.7 3.4 5.2

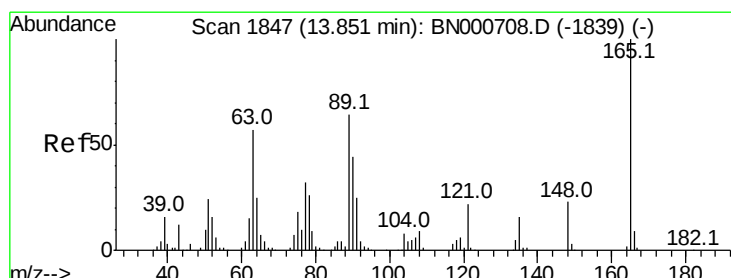
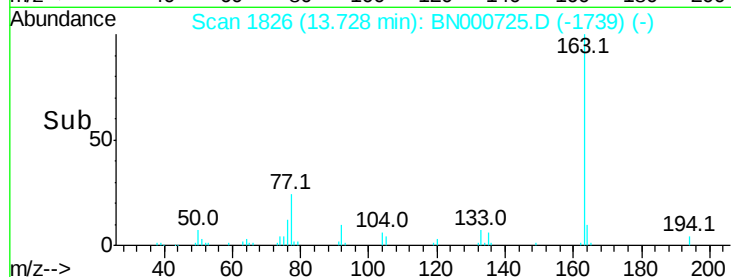
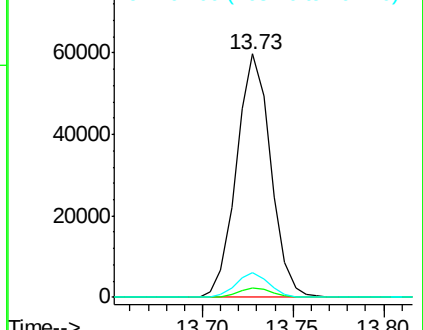
164 10.0 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 7.754 ng

RT: 14.26 min Scan# 1917

Delta R.T. 0.41 min

Lab File: BN000725.D

Acq: 10 Apr 2018 00:18

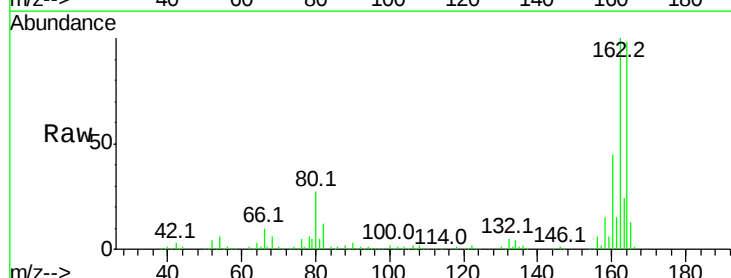
Tgt Ion:165 Resp: 48523

Ion Ratio Lower Upper

165 100

63 1.4 52.7 79.1#

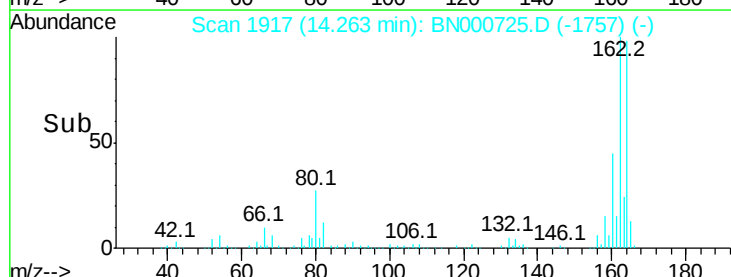
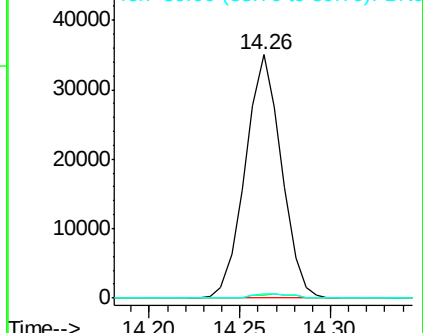
89 1.9 49.2 73.8#

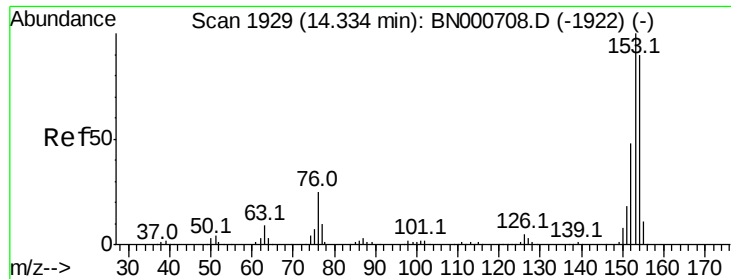


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC





#51

Acenaphthene

Concen: 0.052 ng

RT: 14.26 min Scan# 1917

Delta R.T. -0.07 min

Lab File: BN000725.D

Acq: 10 Apr 2018 00:18

Instrument :

BNA_N

ClientSampled :

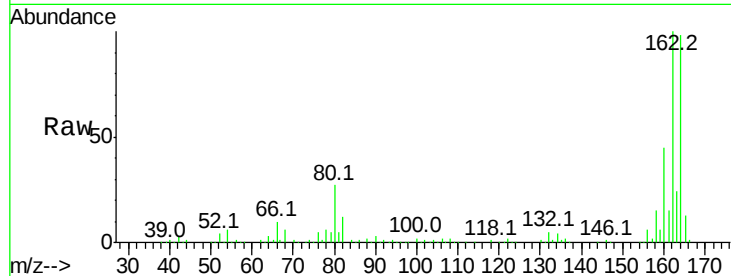
Tot Ion:154 Resp: 1302

Ion Ratio Lower Upper

154 100

153 0.0 90.4 135.6#

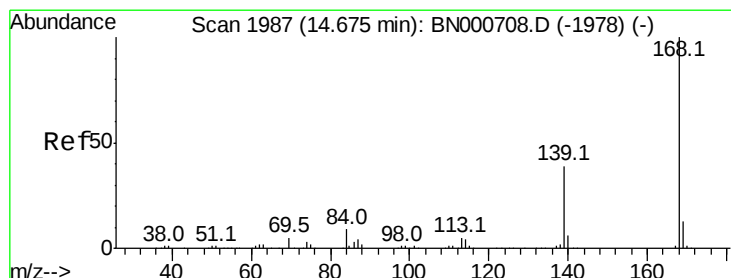
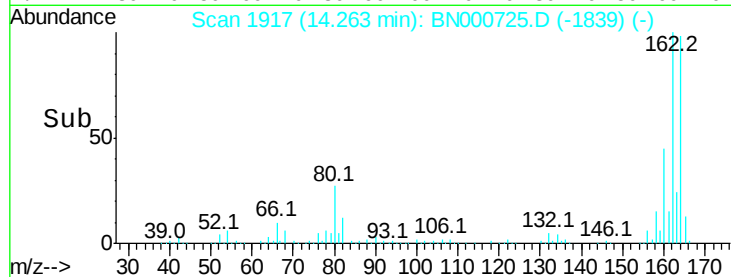
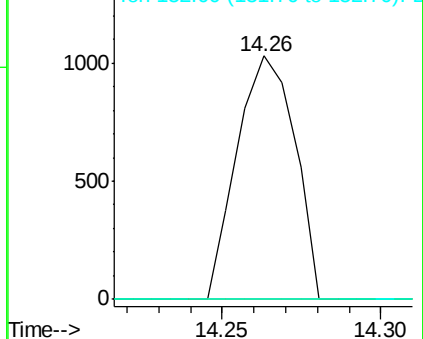
152 0.0 41.6 62.4#



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



#54

Dibenzofuran

Concen: 0.003 ng

RT: 14.66 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BN000725.D

Acq: 10 Apr 2018 00:18

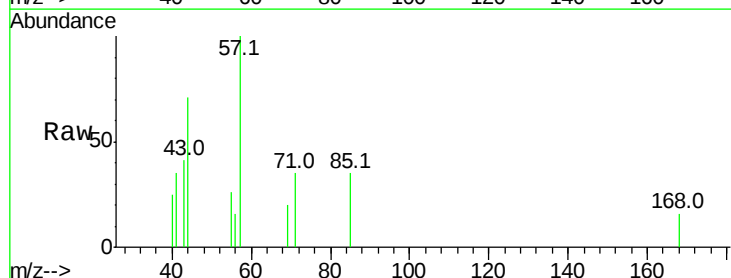
Tgt Ion:168 Resp: 113

Ion Ratio Lower Upper

168 100

139 0.0 28.6 43.0#

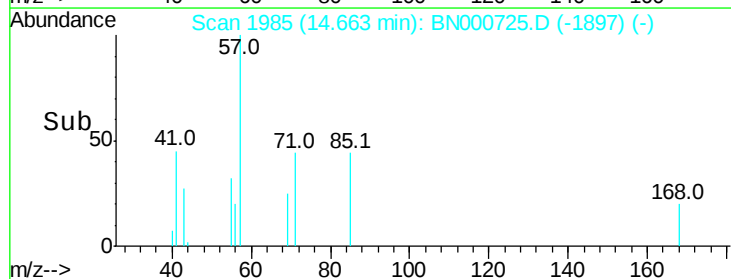
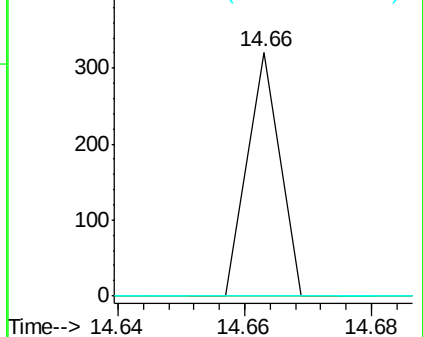
169 0.0 11.2 16.8#

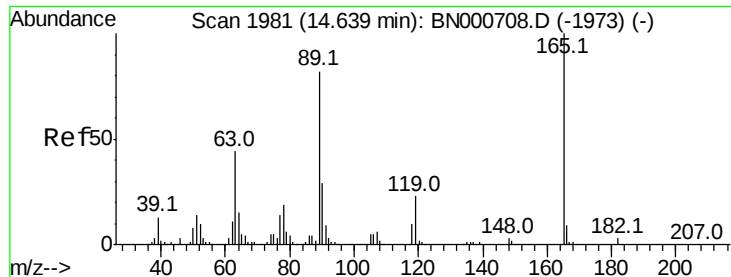


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

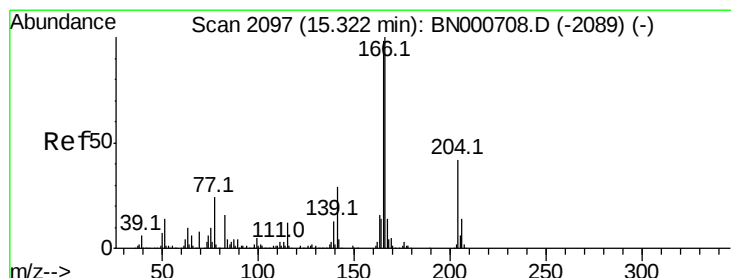
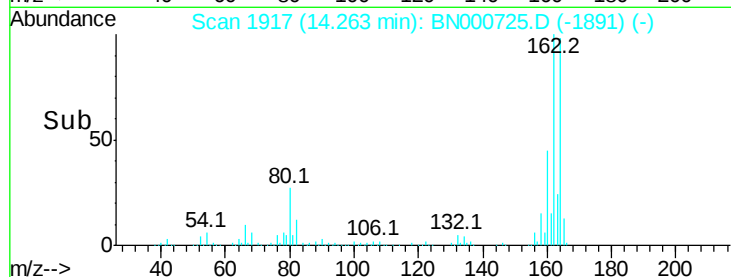
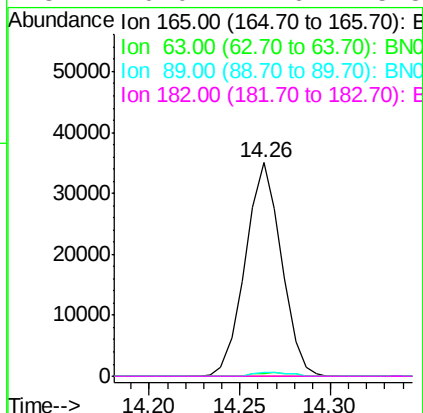
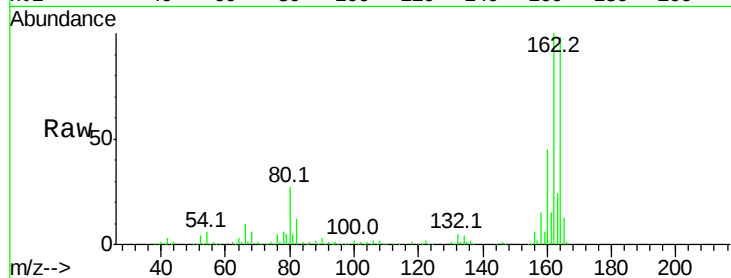




#56
2,4-Dinitrotoluene
Concen: 5.972 ng
RT: 14.26 min Scan# 1917
Delta R.T. -0.38 min
Lab File: BN000725.D
Acq: 10 Apr 2018 00:18

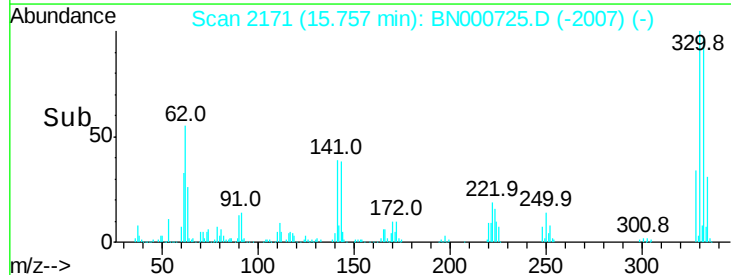
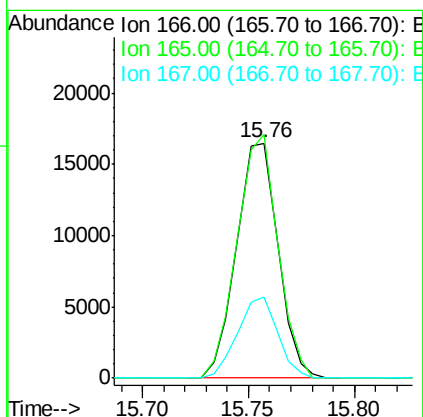
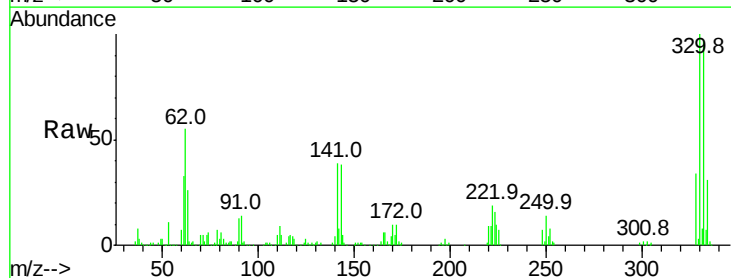
Instrument :
BNA_N
ClientSampled :

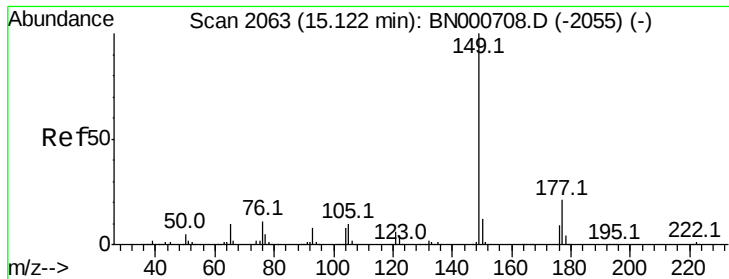
Tot Ion:165 Resp: 48523
Ion Ratio Lower Upper
165 100
63 1.4 42.0 63.0#
89 1.9 66.9 100.3#
182 0.0 2.6 3.8#



#57
Fluorene
Concen: 0.799 ng
RT: 15.76 min Scan# 2171
Delta R.T. 0.44 min
Lab File: BN000725.D
Acq: 10 Apr 2018 00:18

Tgt Ion:166 Resp: 22633
Ion Ratio Lower Upper
166 100
165 103.6 80.6 121.0
167 34.7 10.4 15.6#

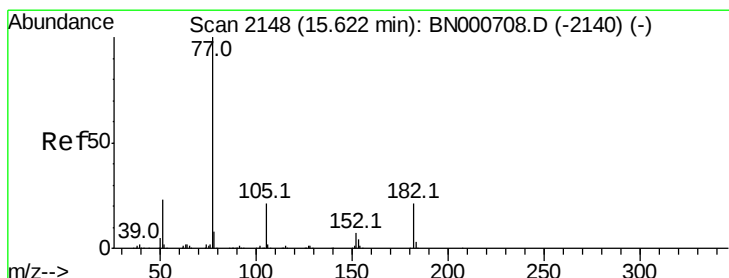
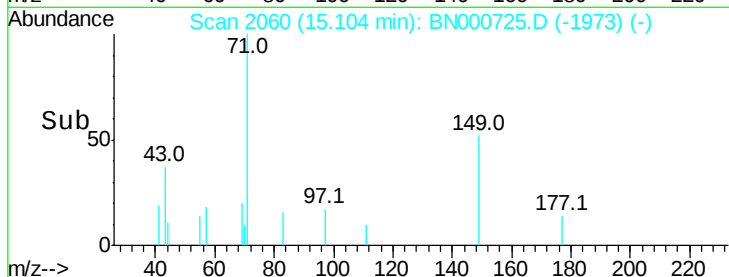
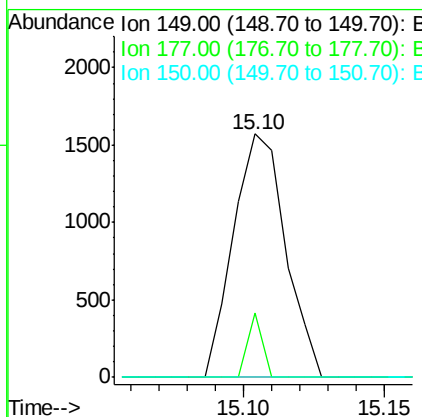
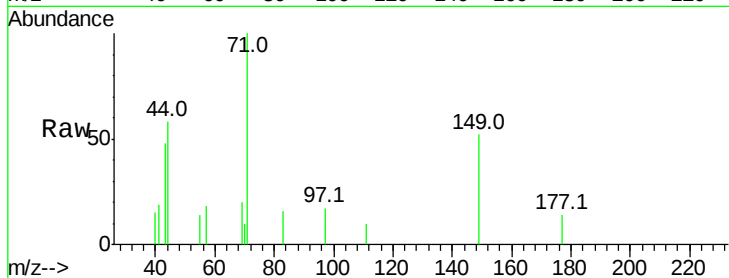




#59
Diethylphthalate
Concen: 0.068 ng
RT: 15.10 min Scan# 2060
Delta R.T. -0.02 min
Lab File: BN000725.D
Acq: 10 Apr 2018 00:18

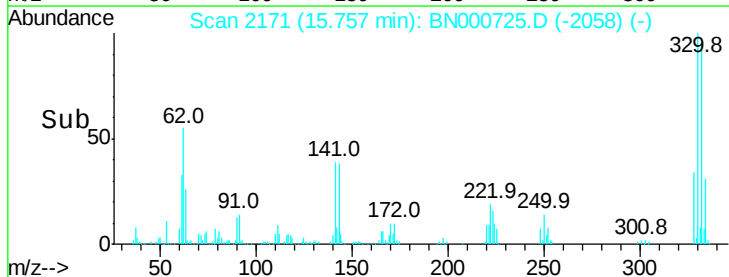
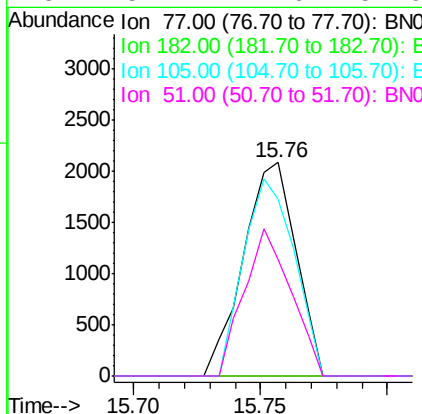
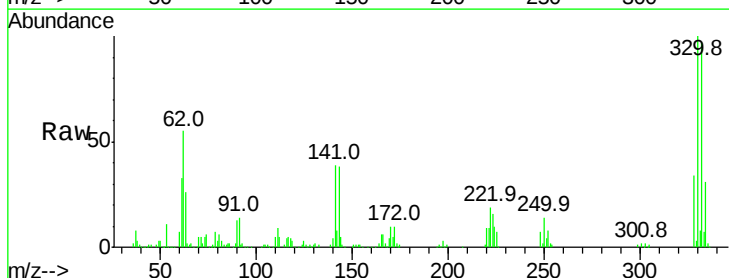
Instrument :
BNA_N
ClientSampled :

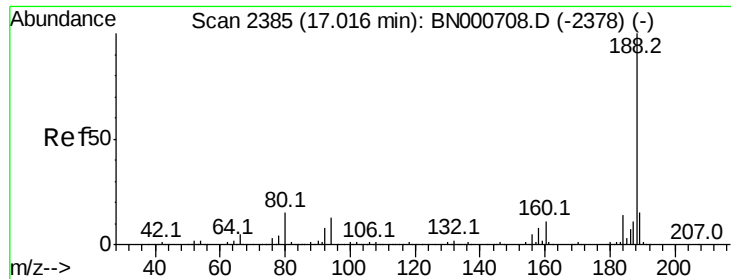
Tot Ion:149 Resp: 2011
Ion Ratio Lower Upper
149 100
177 26.3 18.5 27.7
150 0.0 10.2 15.2#



#62
Azobenzene
Concen: 0.092 ng
RT: 15.76 min Scan# 2171
Delta R.T. 0.14 min
Lab File: BN000725.D
Acq: 10 Apr 2018 00:18

Tgt Ion: 77 Resp: 3003
Ion Ratio Lower Upper
77 100
182 0.0 7.4 47.4#
105 82.8 0.3 40.3#
51 54.7 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: BN000725.D

Acq: 10 Apr 2018 00:18

Instrument :

BNA_N

ClientSampleId :

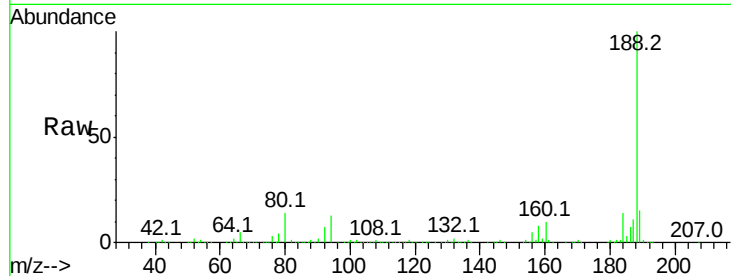
Tot Ion:188 Resp: 828640

Ion Ratio Lower Upper

188 100

94 12.6 6.9 10.3#

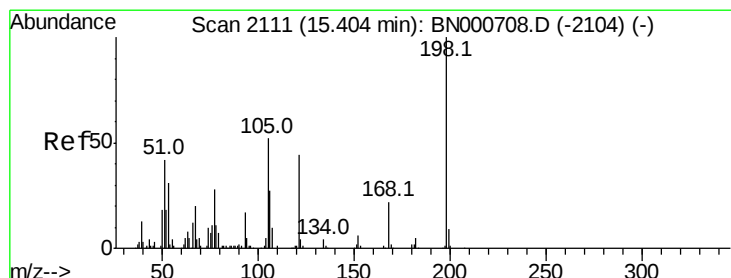
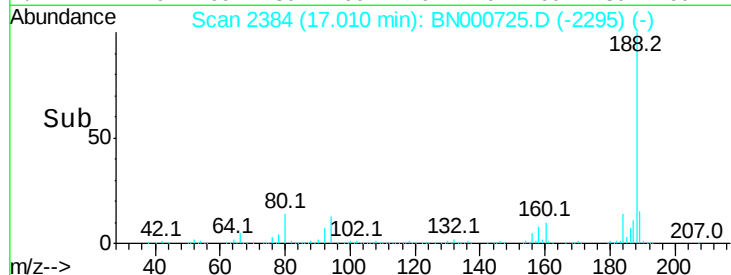
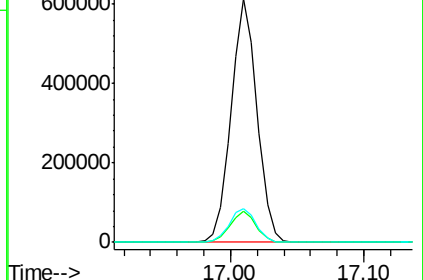
80 13.8 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#64

4,6-Dinitro-2-methylphenol

Concen: 0.226 ng

RT: 15.76 min Scan# 2171

Delta R.T. 0.35 min

Lab File: BN000725.D

Acq: 10 Apr 2018 00:18

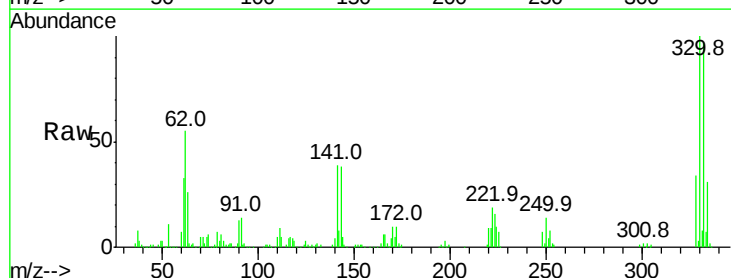
Tgt Ion:198 Resp: 1115

Ion Ratio Lower Upper

198 100

51 102.2 30.6 70.6#

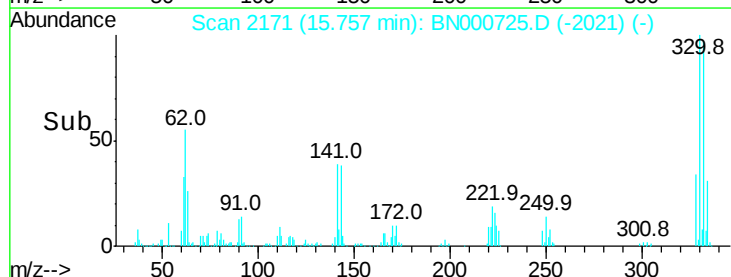
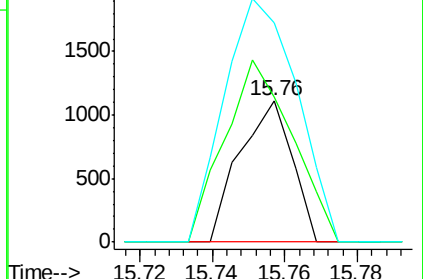
105 154.6 23.8 63.8#

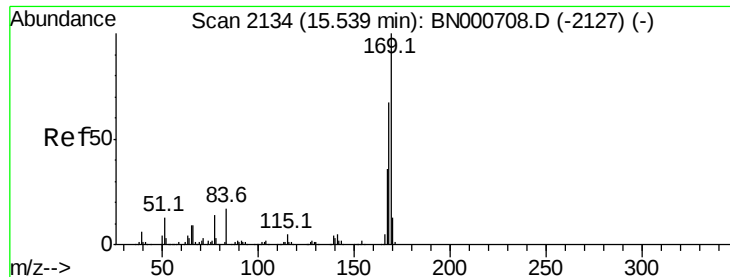


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

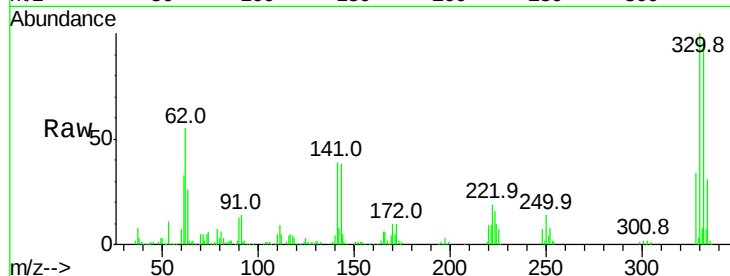




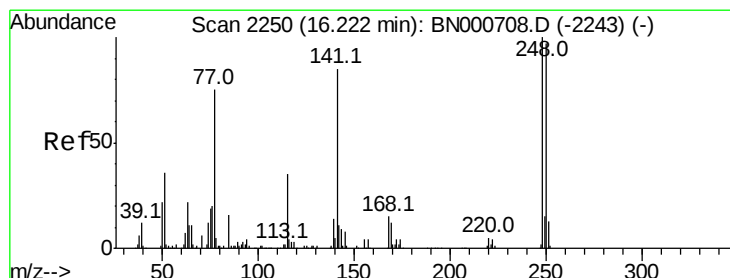
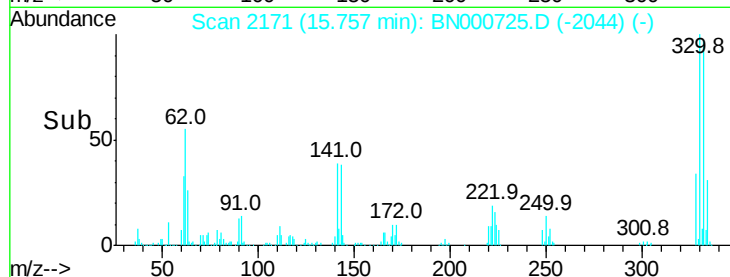
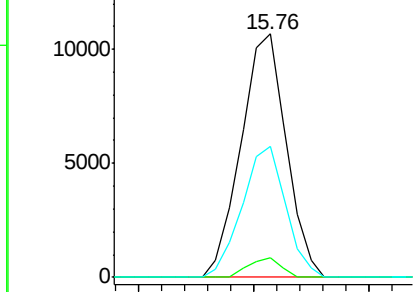
#65
 n-Nitrosodiphenylamine
 Concen: 0.528 ng
 RT: 15.76 min Scan# 2171
 Delta R.T. 0.22 min
 Lab File: BN000725.D
 Acq: 10 Apr 2018 00:18

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:169 Resp: 14603
 Ion Ratio Lower Upper
 169 100
 168 7.8 55.7 83.5#
 167 53.6 30.1 45.1#

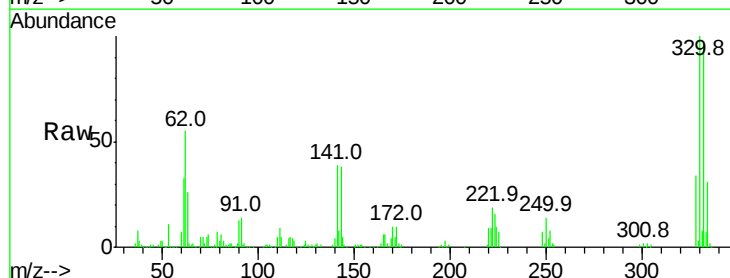


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

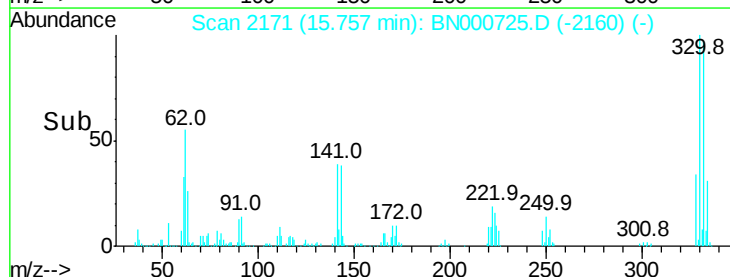
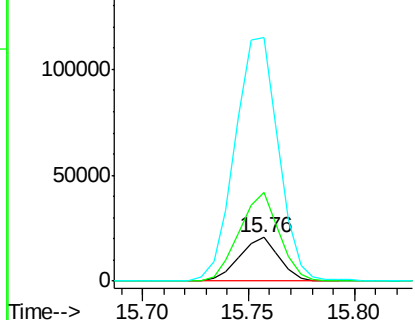


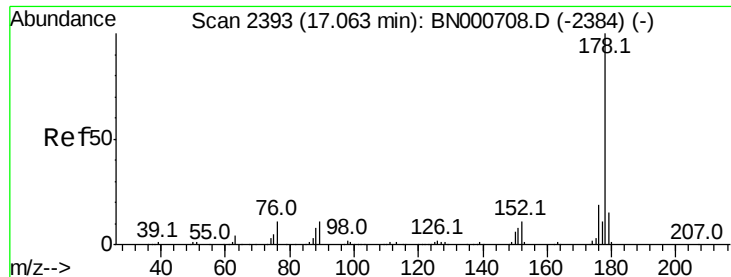
#66
 4-Bromophenyl-phenylether
 Concen: 3.254 ng
 RT: 15.76 min Scan# 2171
 Delta R.T. -0.46 min
 Lab File: BN000725.D
 Acq: 10 Apr 2018 00:18

Tgt Ion:248 Resp: 26960
 Ion Ratio Lower Upper
 248 100
 250 202.1 77.1 115.7#
 141 554.7 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: 0.036 ng

RT: 17.05 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BN000725.D

Acq: 10 Apr 2018 00:18

Instrument :

BNA_N

ClientSampleId :

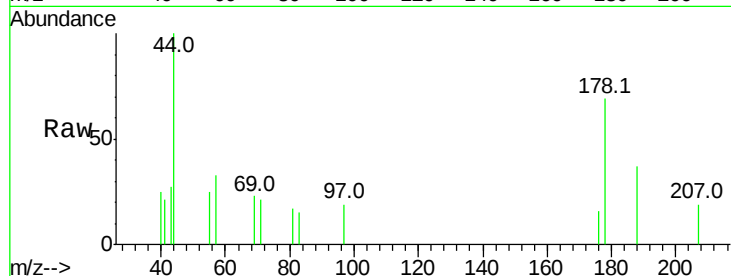
Tot Ion:178 Resp: 1725

Ion Ratio Lower Upper

178 100

176 23.3 15.7 23.5

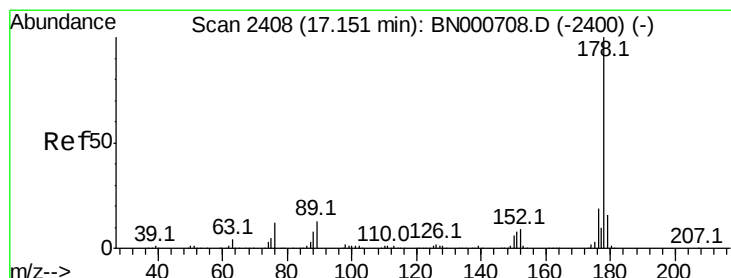
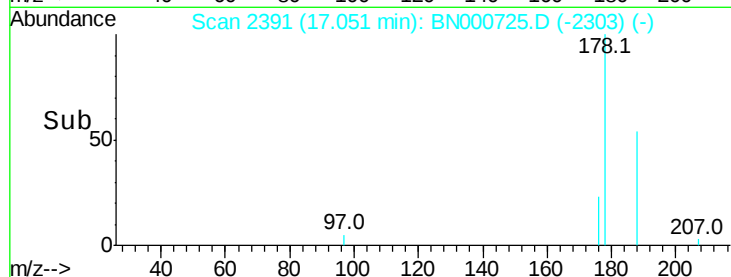
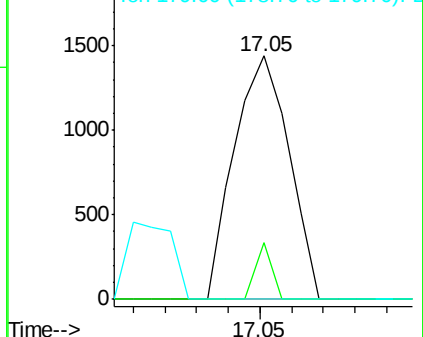
179 0.0 12.5 18.7#



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: 0.023 ng

RT: 17.14 min Scan# 2406

Delta R.T. -0.01 min

Lab File: BN000725.D

Acq: 10 Apr 2018 00:18

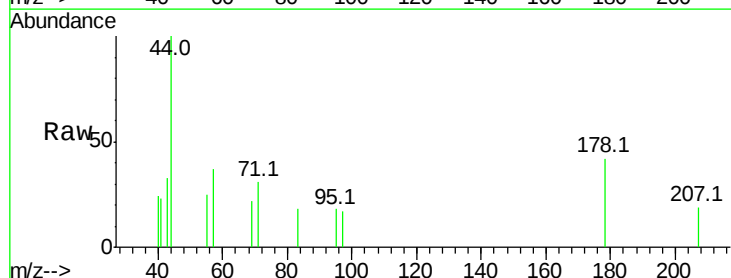
Tgt Ion:178 Resp: 1064

Ion Ratio Lower Upper

178 100

176 0.0 16.0 24.0#

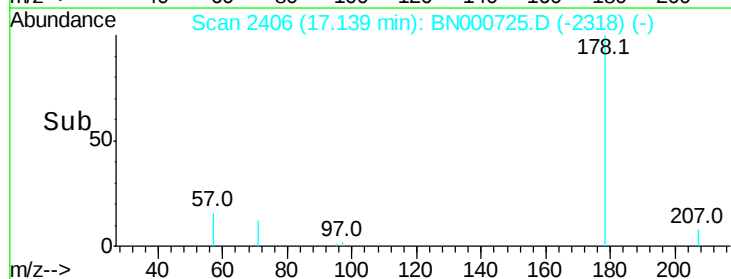
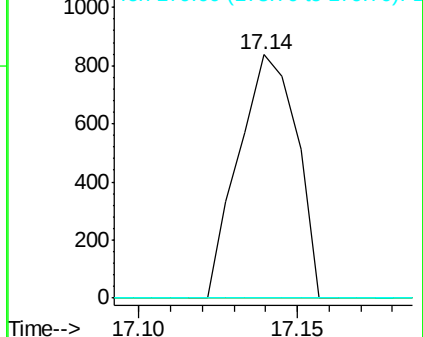
179 0.0 12.5 18.7#

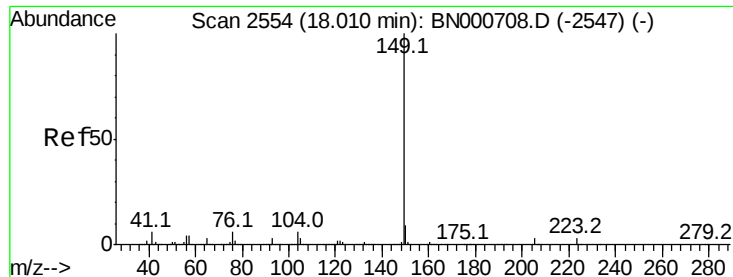


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Di-n-butylphthalate

Concen: 0.155 ng

RT: 18.00 min Scan# 2553

Delta R.T. -0.01 min

Lab File: BN000725.D

Acq: 10 Apr 2018 00:18

Instrument :

BNA_N

ClientSampleId :

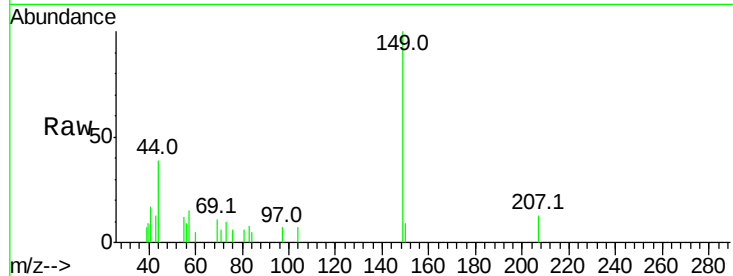
Tot Ion:149 Resp: 8009

Ion Ratio Lower Upper

149 100

150 8.7 7.8 11.6

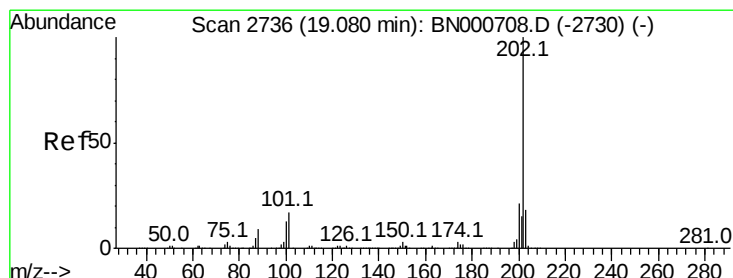
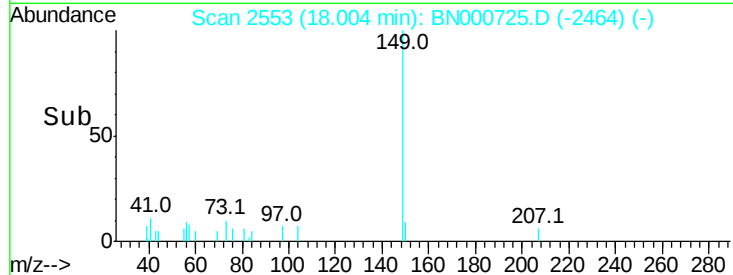
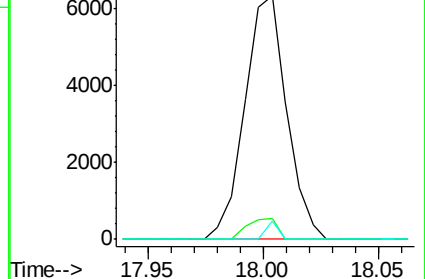
104 7.4 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 0.035 ng

RT: 19.07 min Scan# 2735

Delta R.T. -0.01 min

Lab File: BN000725.D

Acq: 10 Apr 2018 00:18

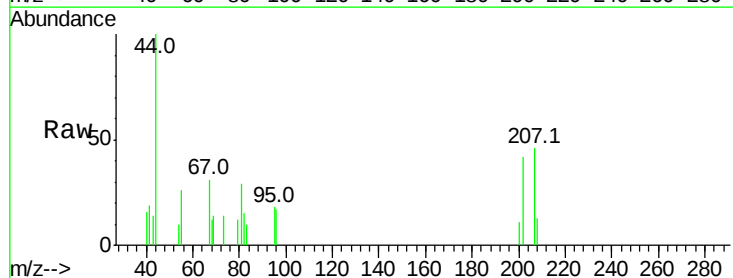
Tgt Ion:202 Resp: 1672

Ion Ratio Lower Upper

202 100

101 0.0 0.0 28.9

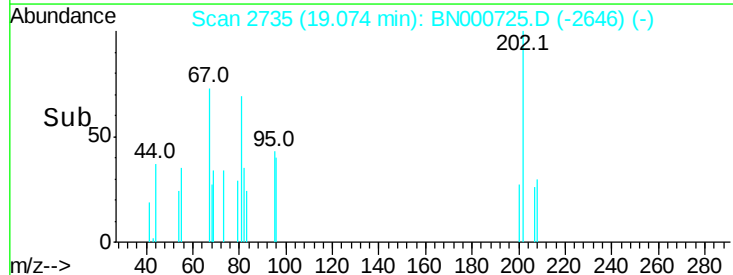
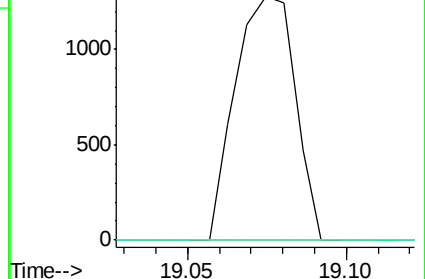
203 0.0 0.0 37.5

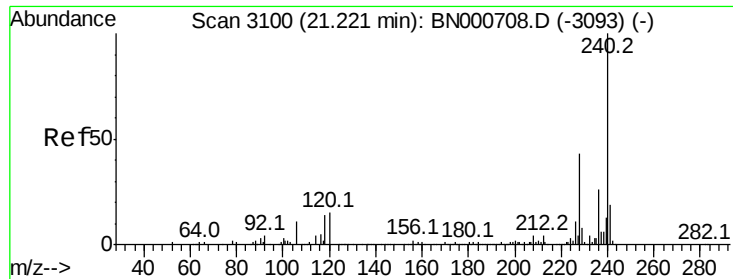


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.22 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BN000725.D

Acq: 10 Apr 2018 00:18

Instrument :

BNA_N

ClientSampleId :

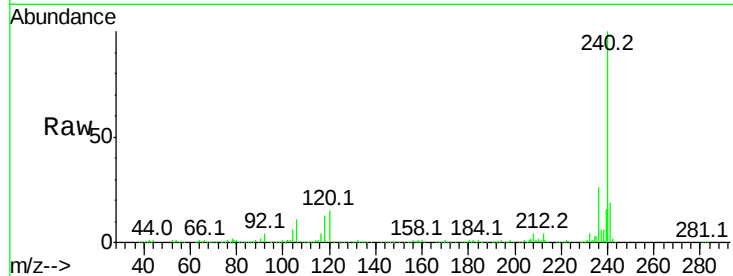
Tot Ion:240 Resp: 705179

Ion Ratio Lower Upper

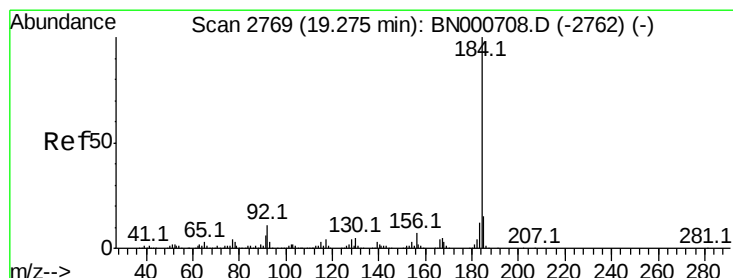
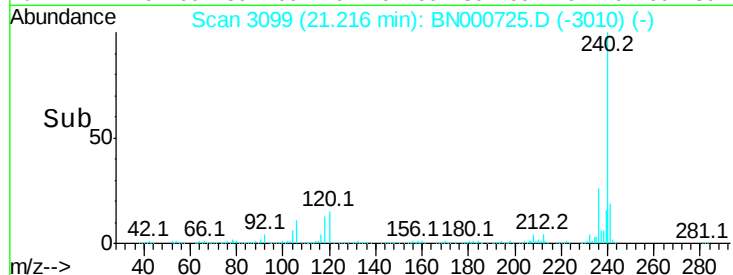
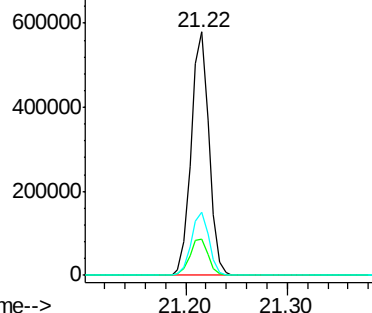
240 100

120 14.8 6.8 10.2#

236 25.7 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 2.493 ng

RT: 19.66 min Scan# 2835

Delta R.T. 0.39 min

Lab File: BN000725.D

Acq: 10 Apr 2018 00:18

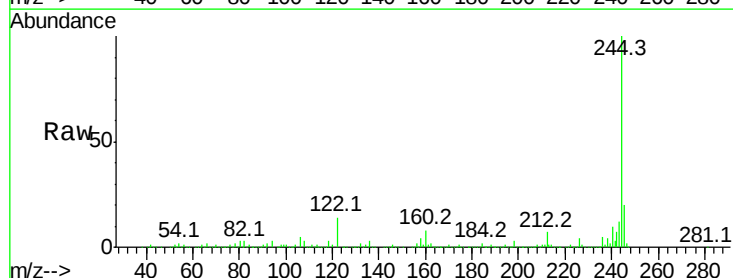
Tgt Ion:184 Resp: 48049

Ion Ratio Lower Upper

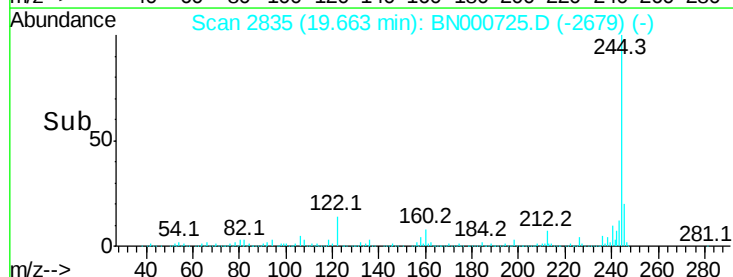
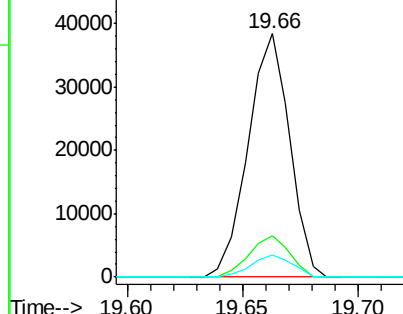
184 100

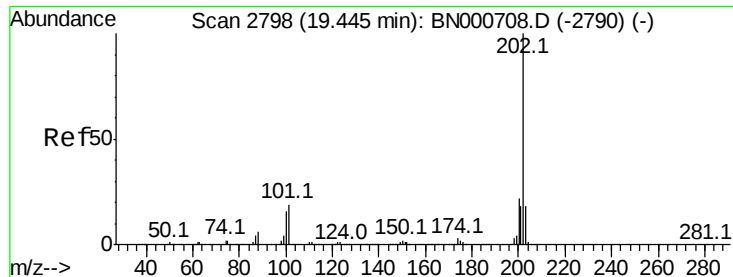
185 17.0 11.1 16.7#

183 8.9 10.6 16.0#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 0.036 ng

RT: 19.44 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BN000725.D

Acq: 10 Apr 2018 00:18

Instrument :

BNA_N

ClientSampleId :

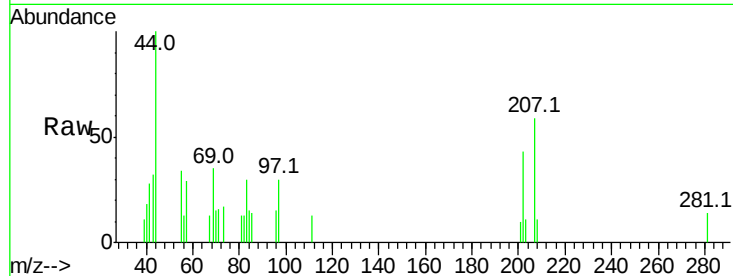
Tot Ion:202 Resp: 1793

Ion Ratio Lower Upper

202 100

200 0.0 16.9 25.3#

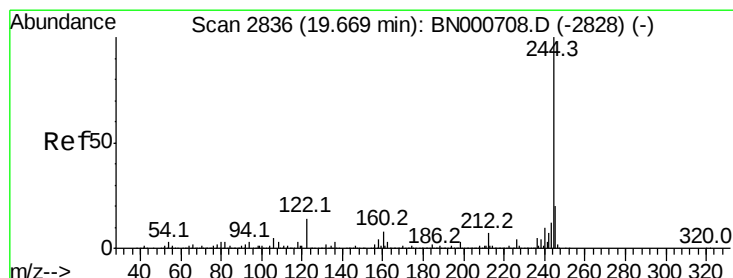
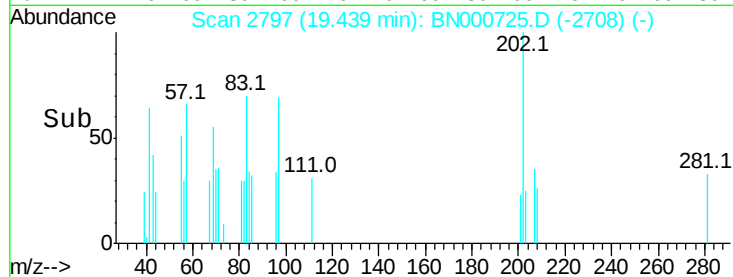
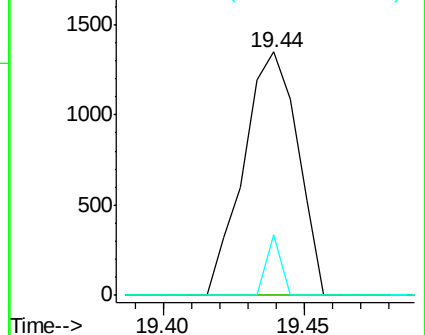
203 25.0 13.9 20.9#



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: 98.265 ng

RT: 19.66 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BN000725.D

Acq: 10 Apr 2018 00:18

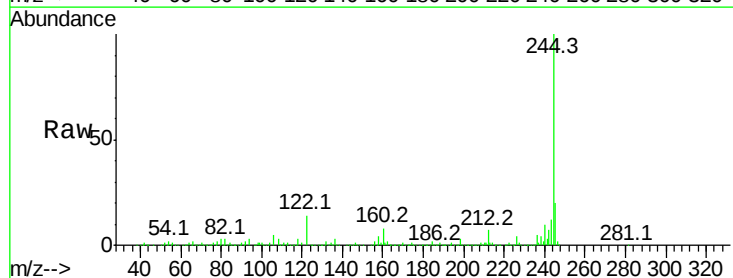
Tgt Ion:244 Resp: 3172460

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

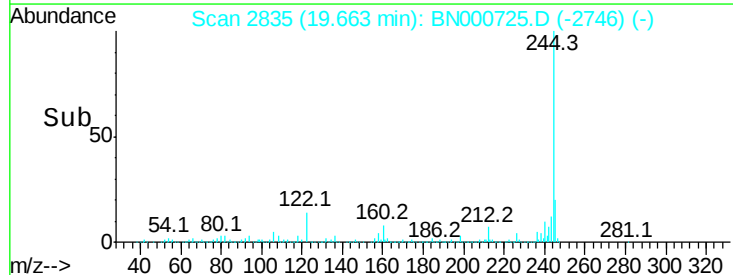
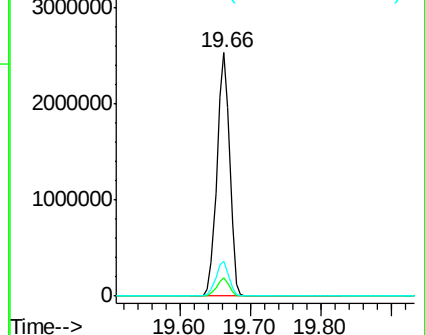
122 14.2 7.0 10.4#

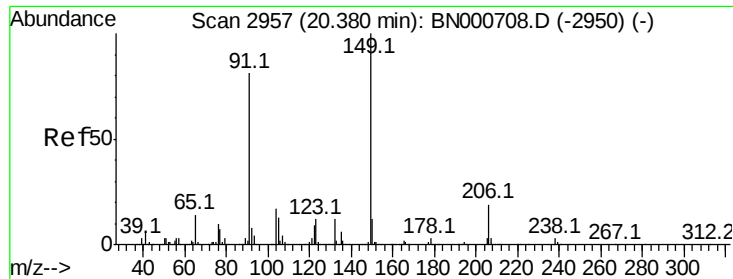


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 5.066 ng

RT: 20.37 min Scan# 2955

Delta R.T. -0.01 min

Lab File: BN000725.D

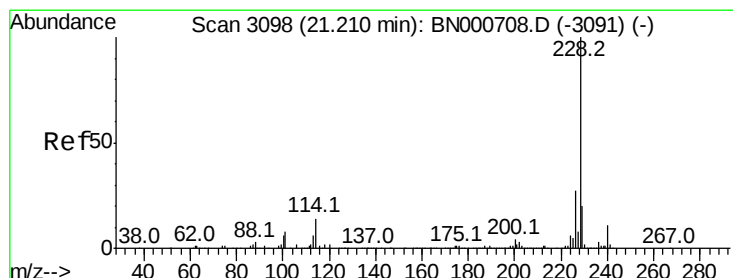
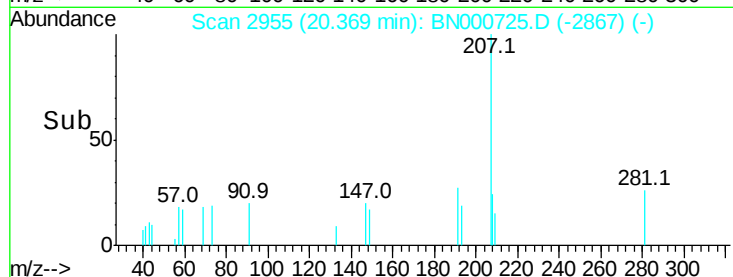
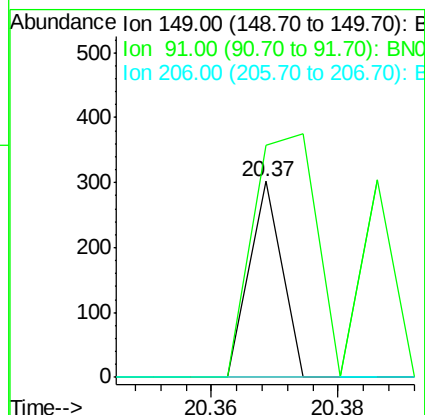
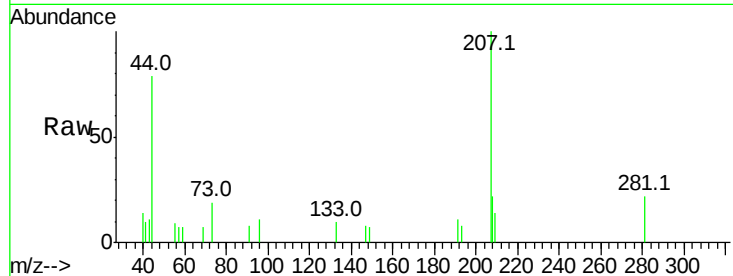
Acq: 10 Apr 2018 00:18

Instrument :

BNA_N

ClientSampleId :

Tot Ion:	149	Resp:	107
Ion	Ratio	Lower	Upper
149	100		
91	118.5	62.2	93.2#
206	0.0	18.6	27.8#



#80

Benzo(a)anthracene

Concen: 0.067 ng

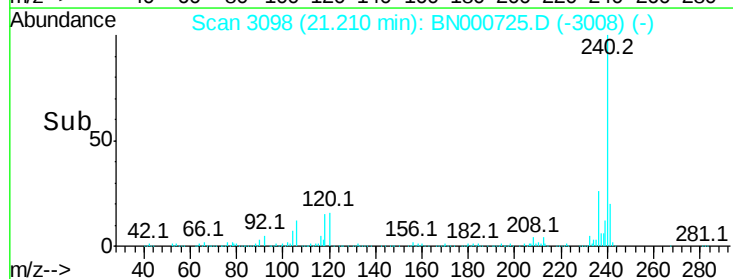
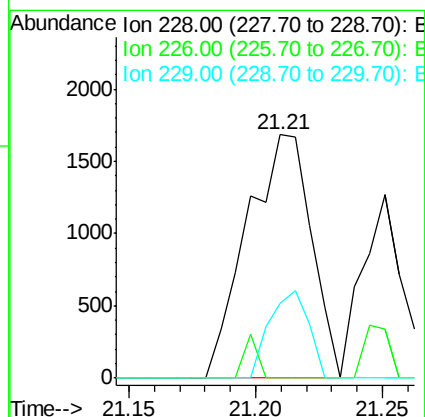
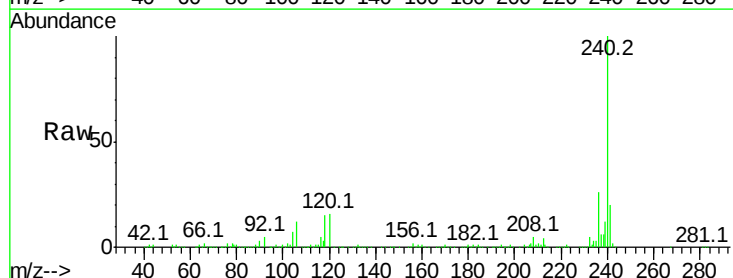
RT: 21.21 min Scan# 3098

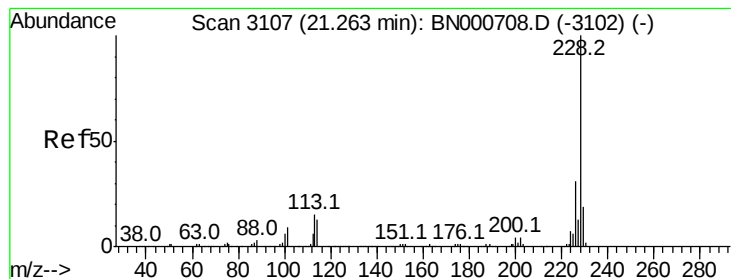
Delta R.T. -0.00 min

Lab File: BN000725.D

Acq: 10 Apr 2018 00:18

Tgt Ion:	228	Resp:	2979
Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.7	34.1#
229	30.7	16.2	24.2#





#82

Chrysene

Concen: 0.031 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BN000725.D

Acq: 10 Apr 2018 00:18

Instrument :

BNA_N

ClientSampled :

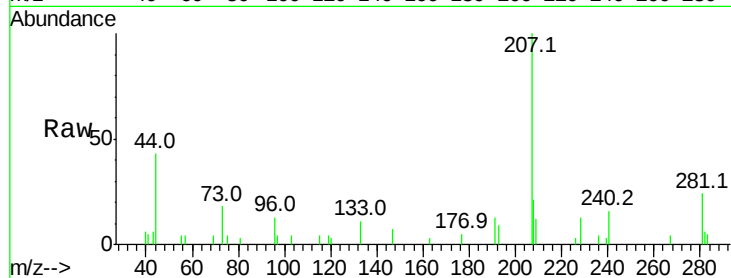
Tot Ion:228 Resp: 1351

Ion Ratio Lower Upper

228 100

226 26.8 24.9 37.3

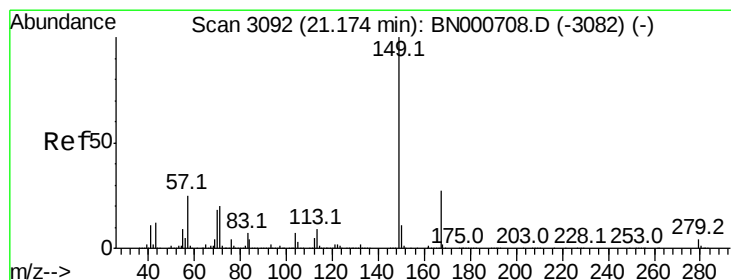
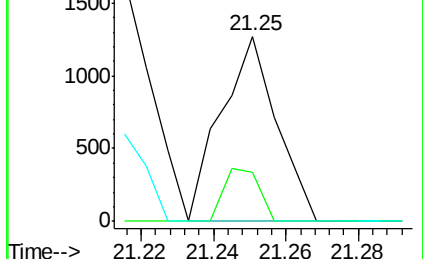
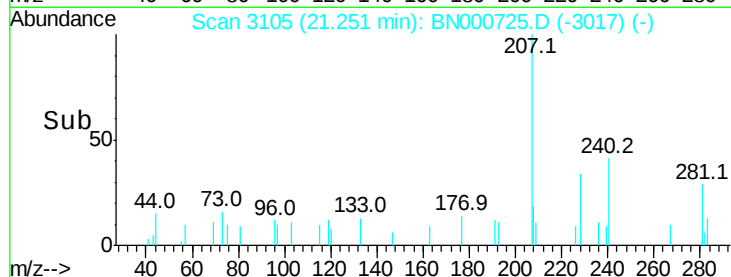
229 0.0 15.0 22.4#



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: 0.112 ng

RT: 21.16 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BN000725.D

Acq: 10 Apr 2018 00:18

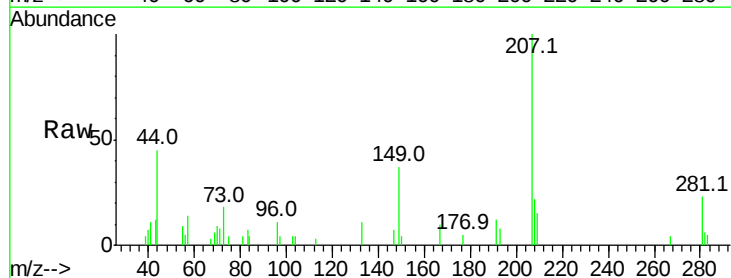
Tgt Ion:149 Resp: 3556

Ion Ratio Lower Upper

149 100

167 26.6 24.3 36.5

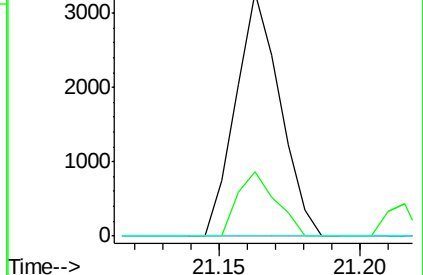
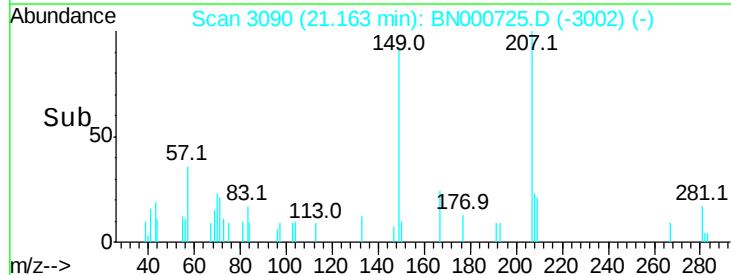
279 0.0 4.0 6.0#

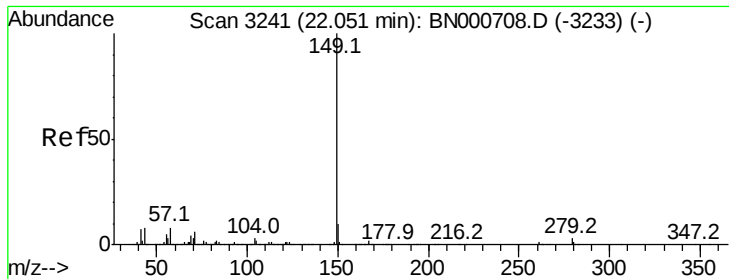


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

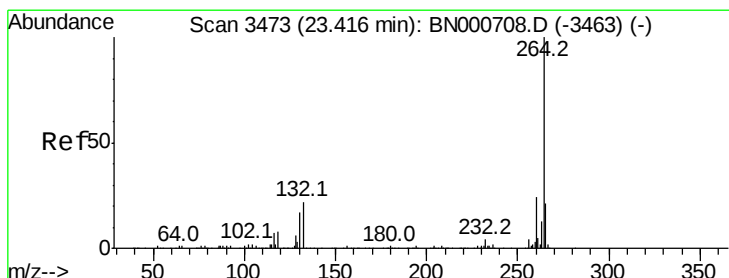
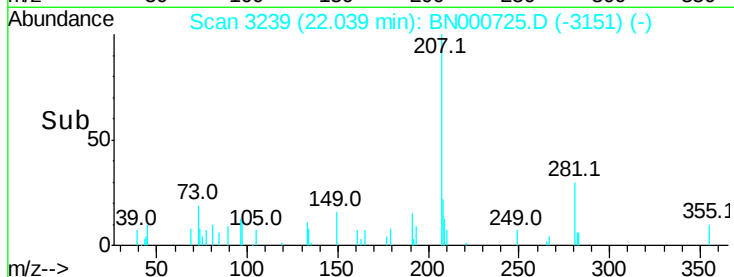
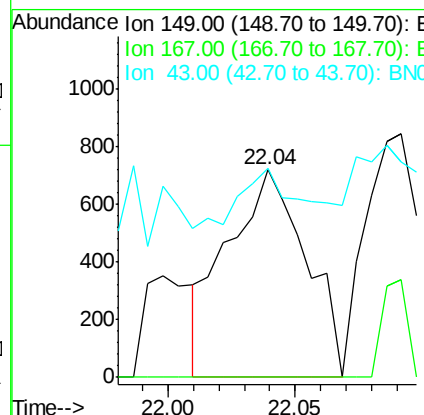
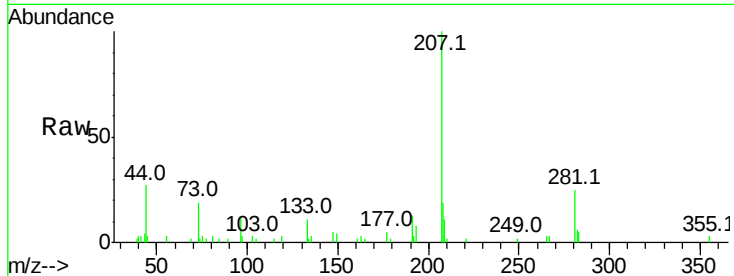




#84
Di-n-octyl phthalate
Concen: 0.035 ng
RT: 22.04 min Scan# 3239
Delta R.T. -0.01 min
Lab File: BN000725.D
Acq: 10 Apr 2018 00:18

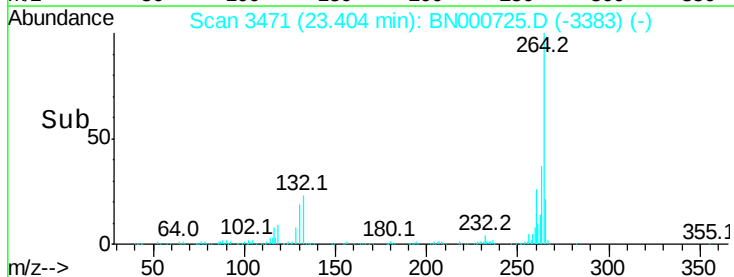
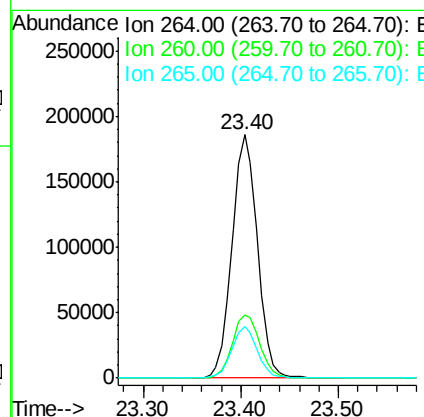
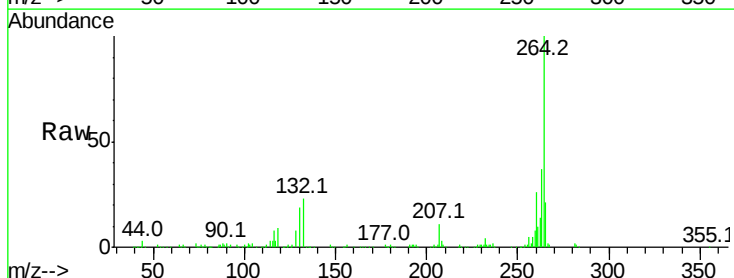
Instrument :
BNA_N
ClientSampled :

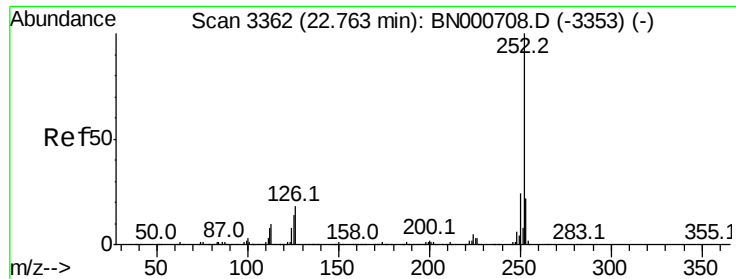
Tot Ion:149 Resp: 1555
Ion Ratio Lower Upper
149 100
167 0.0 1.4 2.0#
43 23.5 8.9 13.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.40 min Scan# 3471
Delta R.T. -0.01 min
Lab File: BN000725.D
Acq: 10 Apr 2018 00:18

Tgt Ion:264 Resp: 335902
Ion Ratio Lower Upper
264 100
260 26.0 17.4 26.0
265 21.0 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 0.048 ng

RT: 22.76 min Scan# 3361

Delta R.T. -0.01 min

Lab File: BN000725.D

Acq: 10 Apr 2018 00:18

Instrument :

BNA_N

ClientSampleId :

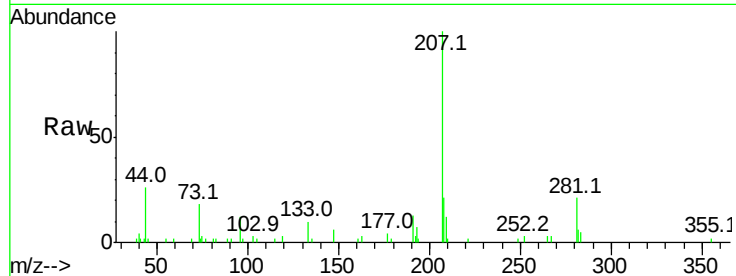
Tot Ion:252 Resp: 983

Ion Ratio Lower Upper

252 100

253 0.0 18.2 27.4#

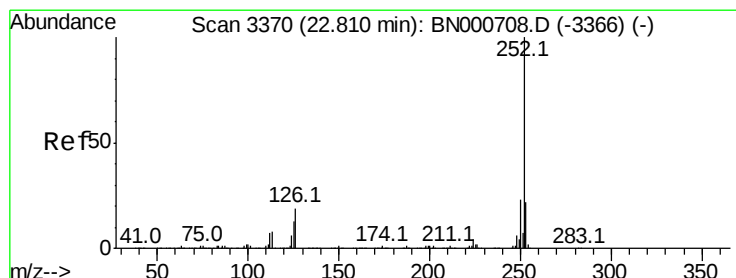
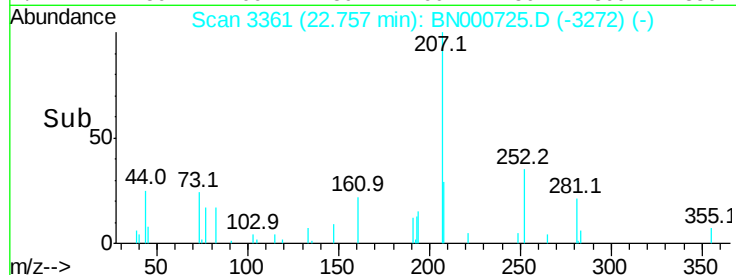
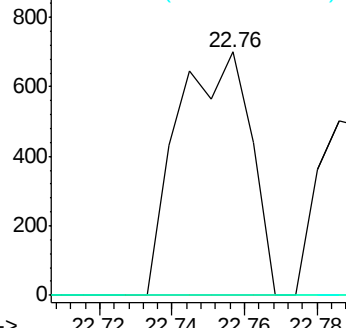
125 0.0 7.2 10.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 0.040 ng

RT: 22.80 min Scan# 3368

Delta R.T. -0.01 min

Lab File: BN000725.D

Acq: 10 Apr 2018 00:18

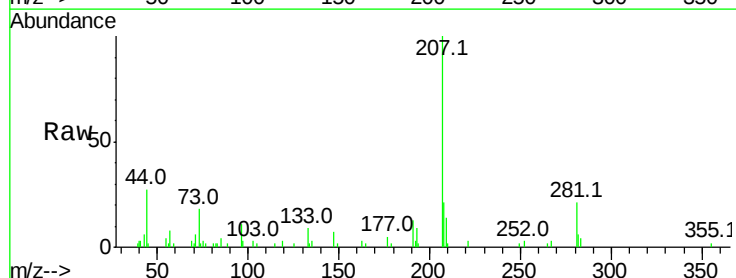
Tgt Ion:252 Resp: 817

Ion Ratio Lower Upper

252 100

253 0.0 17.4 26.2#

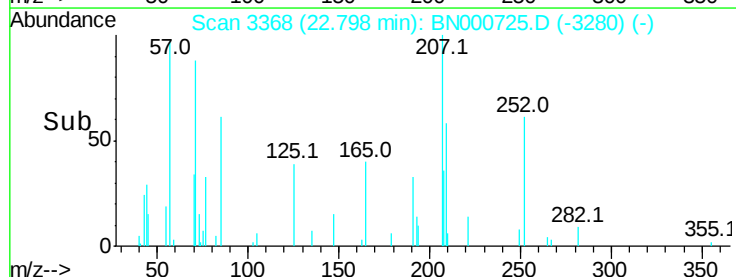
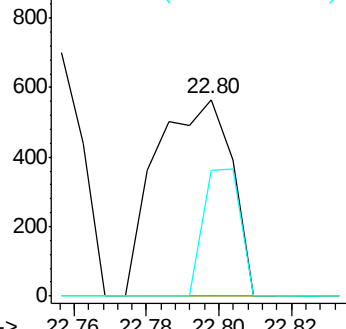
125 64.2 6.6 9.8#

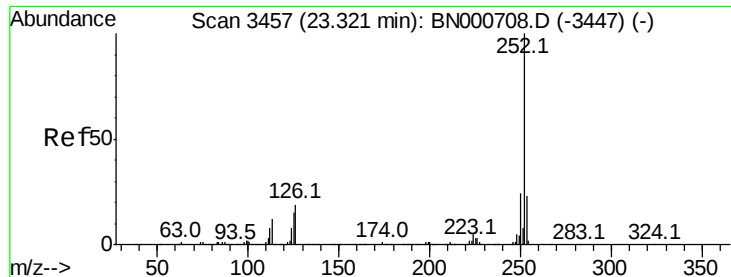


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 0.027 ng

RT: 23.31 min Scan# 3455

Delta R.T. -0.01 min

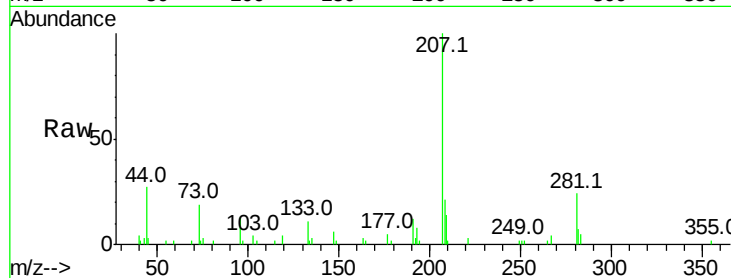
Lab File: BN000725.D

Acq: 10 Apr 2018 00:18

Instrument :

BNA_N

ClientSampleId :



Tot Ion:	252	Resp:	502
Ion Ratio	Lower	Upper	
252	100		
253	0.0	18.3	27.5#
125	0.0	7.3	10.9#

