

Data Path : Z:\HPCHEM1\BNA N\DATA\BN040918\
 Data File : BN000719.D
 Acq On : 09 Apr 2018 20:52
 Operator : JU/SJ
 Sample : J2268-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 10 04:33:57 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN040918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 09 13:41:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	144657	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	598976	20.00	ng	0.00
38) Acenaphthene-d10	14.26	164	293065	20.00	ng	0.00
63) Phenanthrene-d10	17.01	188	561785	20.00	ng	0.00
75) Chrysene-d12	21.22	240	475486	20.00	ng	0.00
86) Perylene-d12	23.40	264	474332	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	432707	44.17	ng	0.00
7) Phenol-d6	6.81	99	340181	25.51	ng	0.00
23) Nitrobenzene-d5	8.78	82	1241676	109.70	ng	0.00
41) 2,4,6-Tribromophenol	15.76	330	293082	101.72	ng	0.00
44) 2-Fluorobiphenyl	12.89	172	2208076	103.84	ng	0.00
78) Terphenyl-d14	19.66	244	2228163	102.36	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.26	88	107	0.024	ng	# 1
3) Pyridine	3.63	79	108	0.009	ng	# 1
4) n-Nitrosodimethylamine	3.56	42	114	0.035	ng	# 1
6) Aniline	7.18	93	1369	0.077	ng	# 1
9) Benzaldehyde	6.79	77	4058	0.600	ng	95
10) Phenol	6.84	94	11345	0.800	ng	88
11) bis(2-Chloroethyl)ether	7.18	93	1369	0.118	ng	# 1
15) Benzyl Alcohol	7.88	79	1706	0.188	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	7.88	45	794	0.063	ng	# 1
17) 2-Methylphenol	7.87	107	607	0.064	ng	# 39
19) n-Nitroso-di-n-propylamine	8.78	70	157258	18.864	ng	# 67
22) Acetophenone	8.45	105	2957	0.171	ng	# 92
24) Nitrobenzene	8.78	77	4131	0.336	ng	# 44
25) Isophorone	9.34	82	231	0.011	ng	# 69
27) 2,4-Dimethylphenol	9.62	122	831	0.100	ng	# 1
31) Naphthalene	10.45	128	6142	0.190	ng	98
32) Benzoic acid	9.62	122	831	7.282	ng	95
33) 4-Chloroaniline	10.45	127	640	0.049	ng	# 41
37) 2-Methylnaphthalene	12.07	142	4566	0.216	ng	97
45) 1,1'-Biphenyl	13.09	154	10631	0.404	ng	90
47) 2-Nitroaniline	13.73	65	133	0.024	ng	# 1
48) Acenaphthylene	13.98	152	481	0.015	ng	# 59
49) Dimethylphthalate	13.73	163	31291	1.341	ng	98
50) 2,6-Dinitrotoluene	13.82	165	1148	0.238	ng	# 18
51) Acenaphthene	14.33	154	17626	0.916	ng	98
52) 3-Nitroaniline	14.66	138	124	0.022	ng	# 1
54) Dibenzofuran	14.66	168	19671	0.711	ng	95
55) 4-Nitrophenol	14.66	139	7580	1.800	ng	# 1
56) 2,4-Dinitrotoluene	14.26	165	37792	6.025	ng	# 18
57) Fluorene	15.32	166	19312	0.884	ng	96
59) Diethylphthalate	15.10	149	2241	0.098	ng	# 89
62) Azobenzene	15.64	77	1568	0.062	ng	# 17
64) 4,6-Dinitro-2-methylphenol	15.75	198	798	0.238	ng	# 1
65) n-Nitrosodiphenylamine	15.76	169	11299	0.603	ng	# 43

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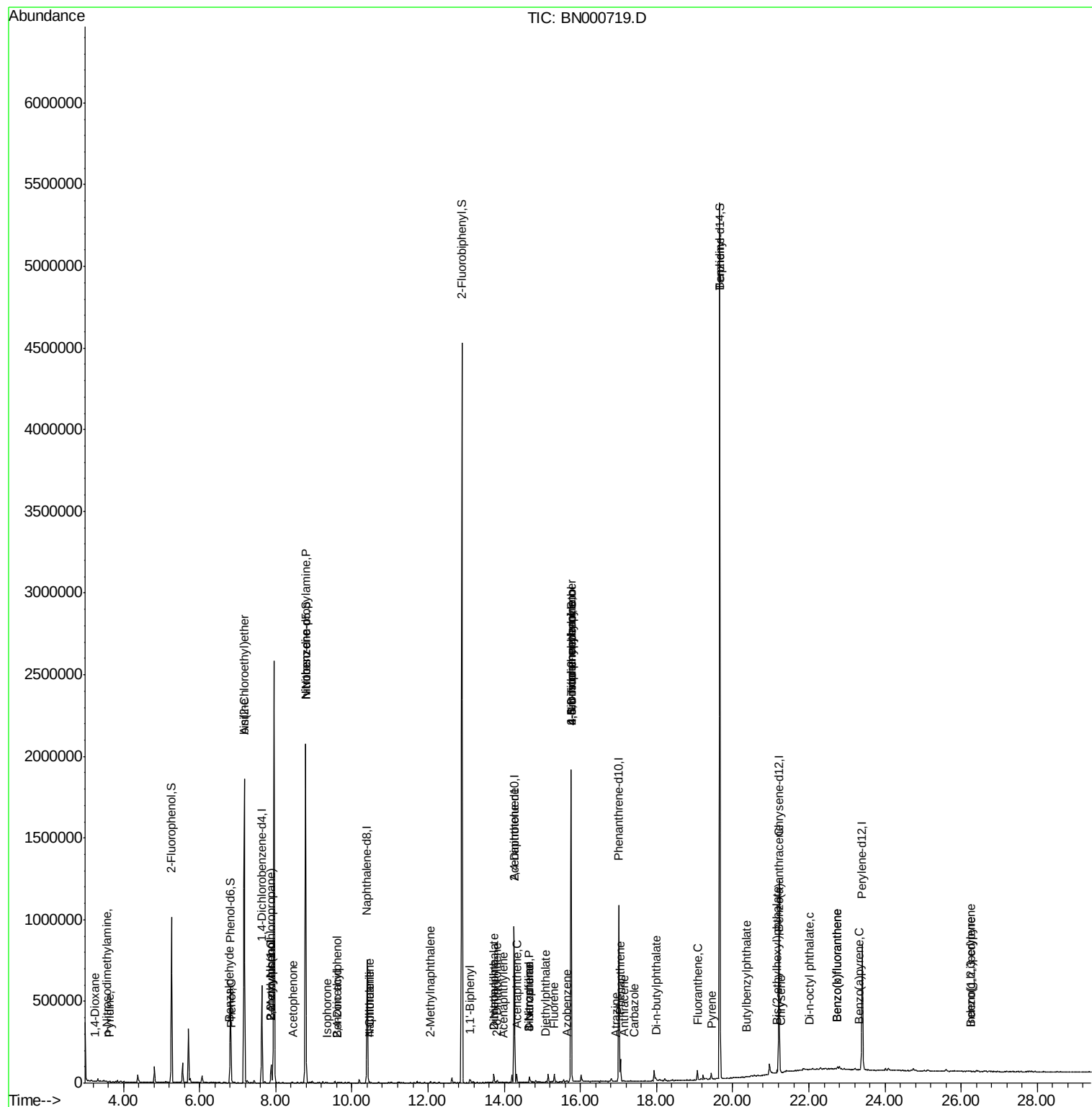
66) 4-Bromophenyl-phenylether	15.76	248	20605	3.668	nq	# 1
68) Atrazine	16.93	200	249	0.048	nq	# 35
70) Phenanthrene	17.05	178	70850	2.170	nq	100
71) Anthracene	17.15	178	6171	0.194	nq	99
72) Carbazole	17.41	167	1792	0.059	nq	# 80
73) Di-n-butylphthalate	18.00	149	1968	0.056	nq	# 78
74) Fluoranthene	19.07	202	29645	0.907	nq	92
76) Benzidine	19.66	184	34746	2.673	nq	# 90
77) Pyrene	19.44	202	17871	0.526	nq	97
79) Butylbenzylphthalate	20.37	149	1251	5.135	nq	# 1
80) Benzo(a)anthracene	21.20	228	5884	0.197	nq	# 91
82) Chrysene	21.25	228	3551	0.122	nq	# 92
83) Bis(2-ethylhexyl)phthalate	21.16	149	5859	0.273	nq	# 94
84) Di-n-octyl phthalate	22.01	149	247	0.008	nq	# 1
85) Indeno(1,2,3-cd)pyrene	26.24	276	2813	0.113	nq	# 66
87) Benzo(b)fluoranthene	22.75	252	11530	0.401	nq	# 90
88) Benzo(k)fluoranthene	22.75	252	11530	0.399	nq	# 87
89) Benzo(a)pyrene	23.31	252	3079	0.117	nq	# 77
91) Benzo(g,h,i)perylene	26.24	276	2813	0.112	nq	# 62

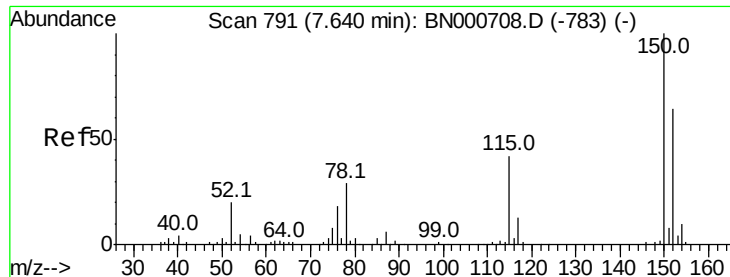
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN000719.D

Acq: 09 Apr 2018 20:52

Instrument :

BNA_N

ClientSampleId :

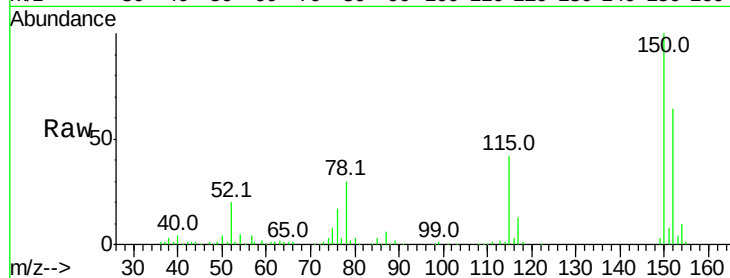
Tot Ion:152 Resp: 144657

Ion Ratio Lower Upper

152 100

150 157.0 126.6 189.8

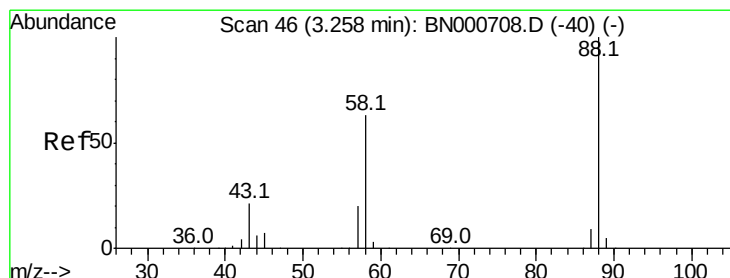
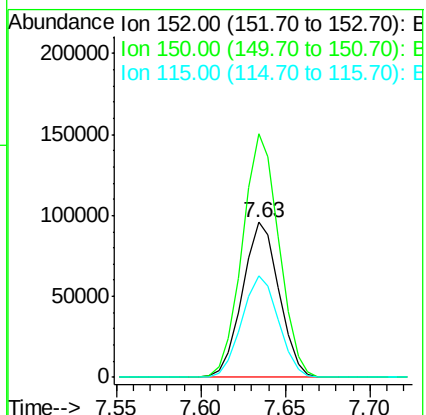
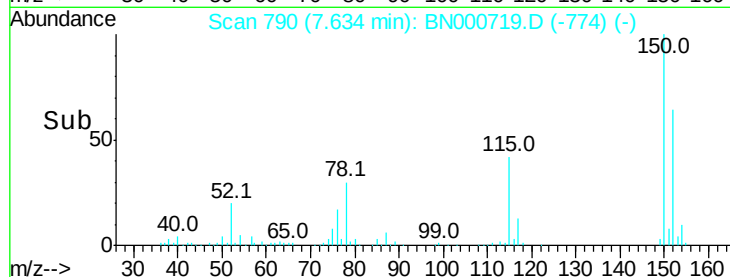
115 65.9 53.0 79.4



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: 0.024 ng

RT: 3.26 min Scan# 47

Delta R.T. 0.01 min

Lab File: BN000719.D

Acq: 09 Apr 2018 20:52

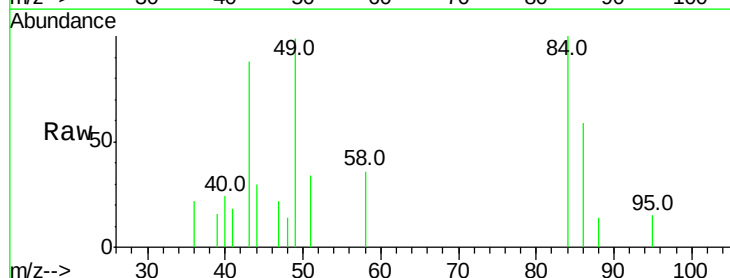
Tgt Ion: 88 Resp: 107

Ion Ratio Lower Upper

88 100

58 162.6 52.0 78.0#

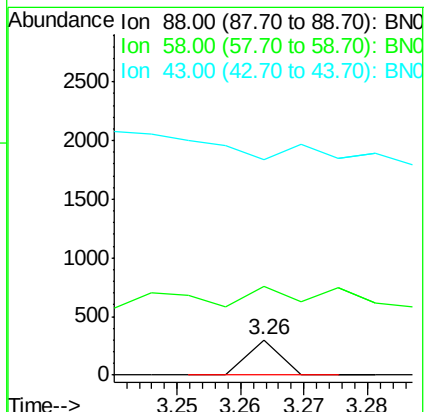
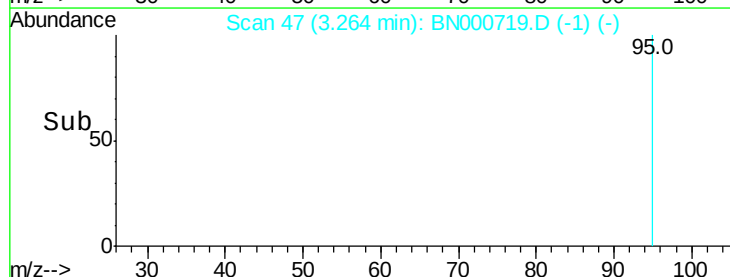
43 0.0 20.0 30.0#

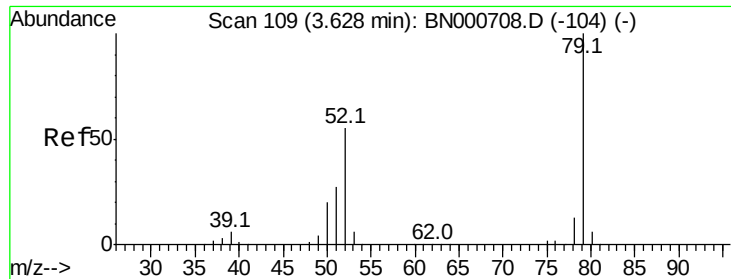


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

Pvridine

Concen: 0.009 ng

RT: 3.63 min Scan# 110

Delta R.T. 0.01 min

Lab File: BN000719.D

Acq: 09 Apr 2018 20:52

Instrument :

BNA_N

ClientSampled :

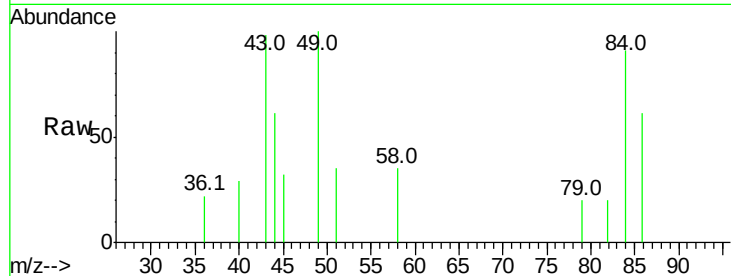
Tot Ion: 79 Resp: 108

Ion Ratio Lower Upper

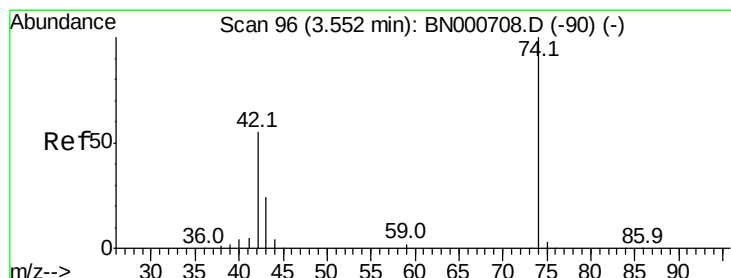
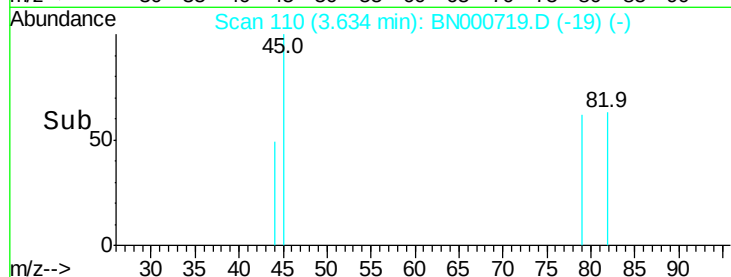
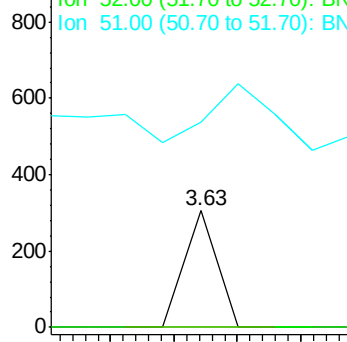
79 100

52 0.0 44.0 66.0#

51 176.1 24.0 36.0#



Abundance Ion 79.00 (78.70 to 79.70): BNC
Ion 52.00 (51.70 to 52.70): BNC
Ion 51.00 (50.70 to 51.70): BNC



#4

n-Nitrosodimethylamine

Concen: 0.035 ng

RT: 3.56 min Scan# 97

Delta R.T. 0.01 min

Lab File: BN000719.D

Acq: 09 Apr 2018 20:52

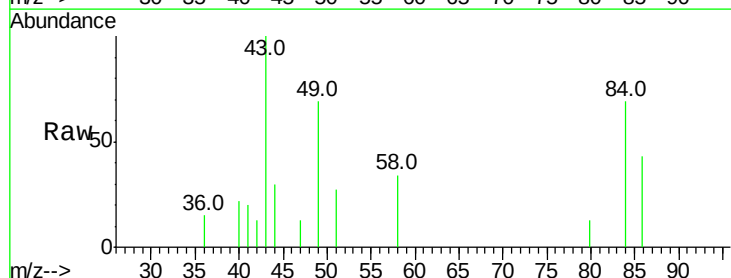
Tgt Ion: 42 Resp: 114

Ion Ratio Lower Upper

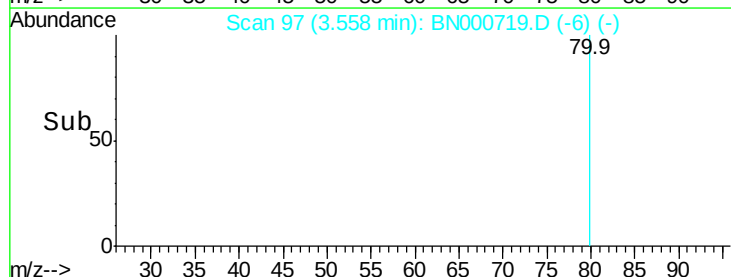
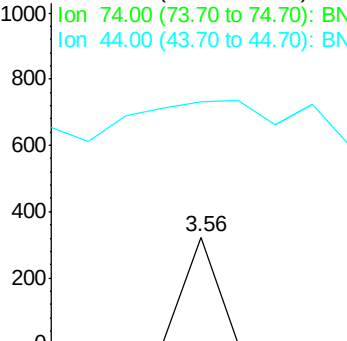
42 100

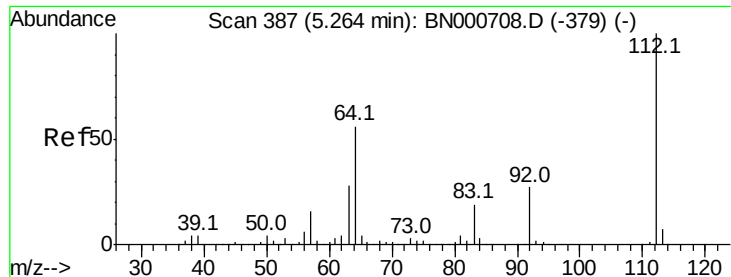
74 0.0 128.0 192.0#

44 227.0 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

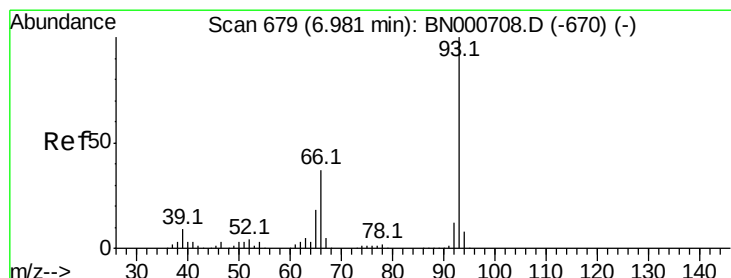
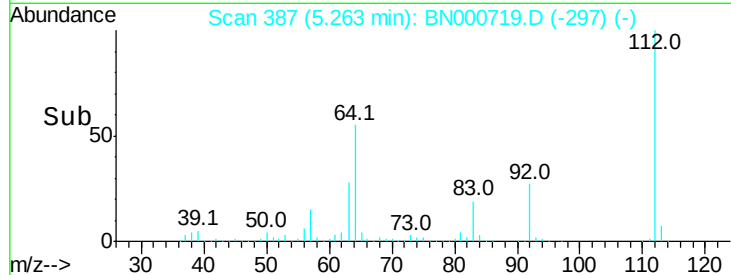
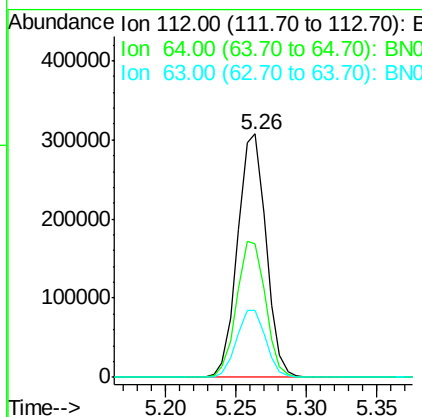
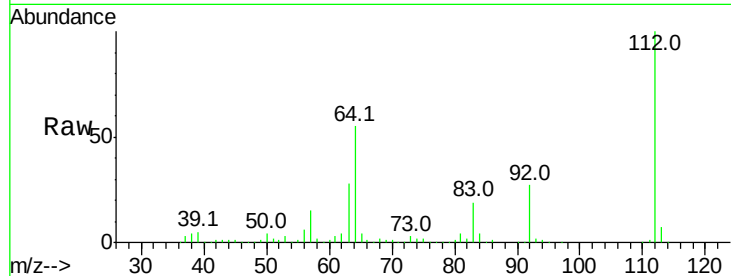




#5
 2-Fluorophenol
 Concen: 44.167 ng
 RT: 5.26 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: BN000719.D
 Acq: 09 Apr 2018 20:52

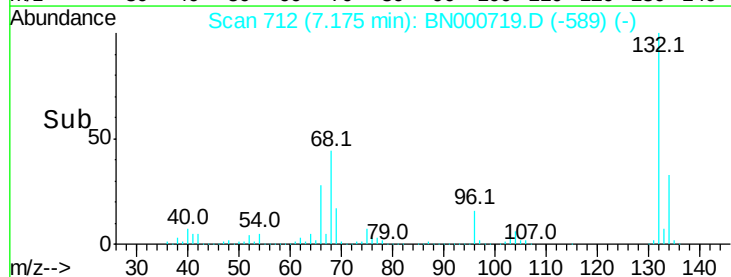
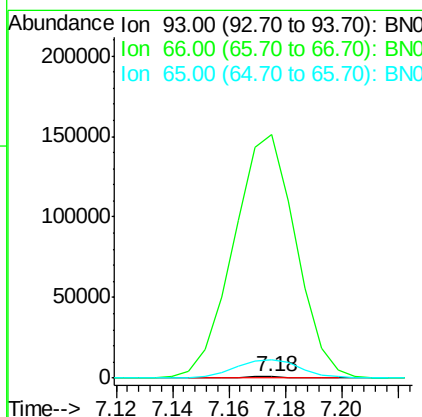
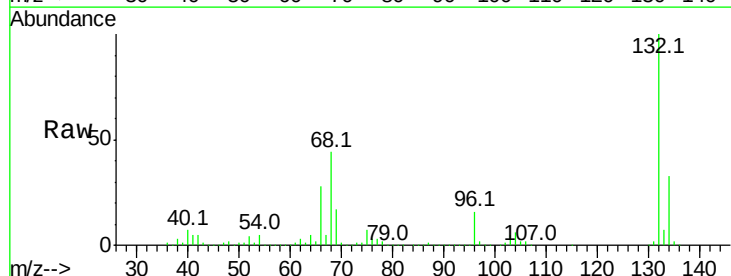
Instrument :
 BNA_N
 ClientSampled :

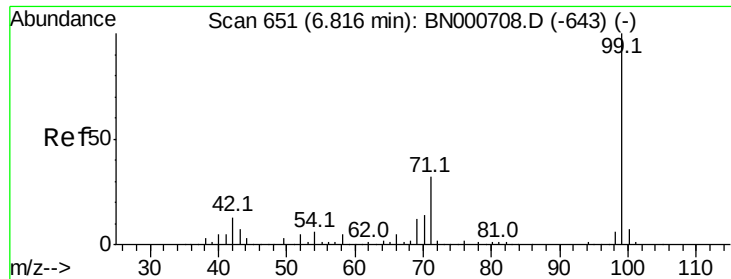
Tot Ion:112 Resp: 432707
 Ion Ratio Lower Upper
 112 100
 64 54.8 56.3 84.5#
 63 27.6 30.1 45.1#



#6
 Aniline
 Concen: 0.077 ng
 RT: 7.18 min Scan# 712
 Delta R.T. 0.19 min
 Lab File: BN000719.D
 Acq: 09 Apr 2018 20:52

Tgt Ion: 93 Resp: 1369
 Ion Ratio Lower Upper
 93 100
 66 16460.1 33.7 50.5#
 65 1271.6 16.1 24.1#





#7

Phenol-d6

Concen: 25.506 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.01 min

Lab File: BN000719.D

Acq: 09 Apr 2018 20:52

Instrument :

BNA_N

ClientSampleId :

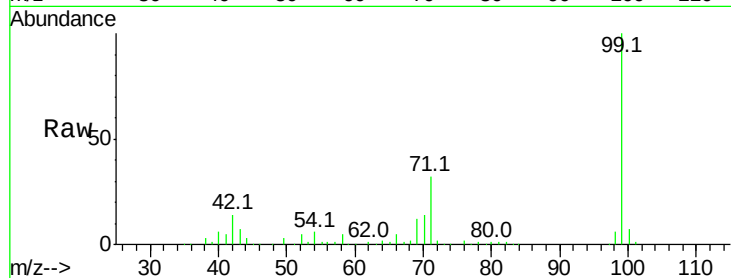
Tot Ion: 99 Resp: 340181

Ion Ratio Lower Upper

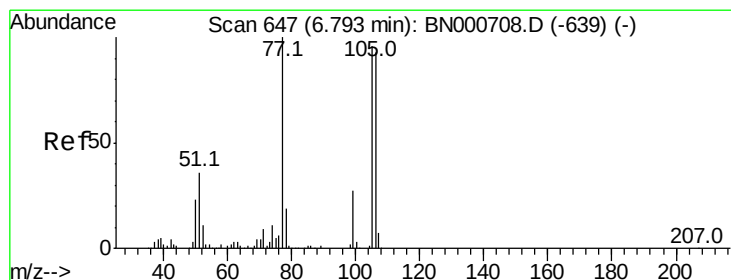
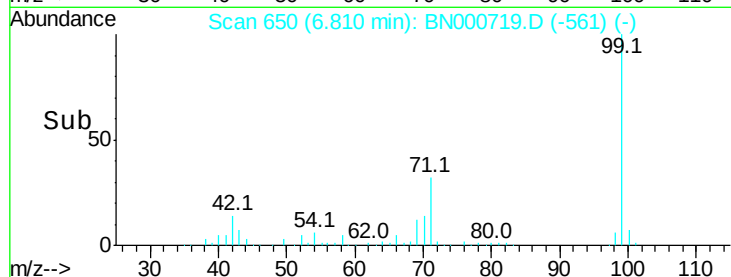
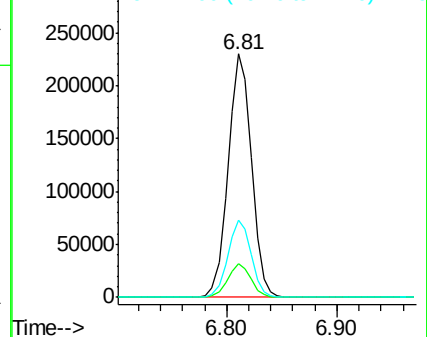
99 100

42 13.7 14.1 21.1#

71 31.5 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: 0.600 ng

RT: 6.79 min Scan# 646

Delta R.T. -0.01 min

Lab File: BN000719.D

Acq: 09 Apr 2018 20:52

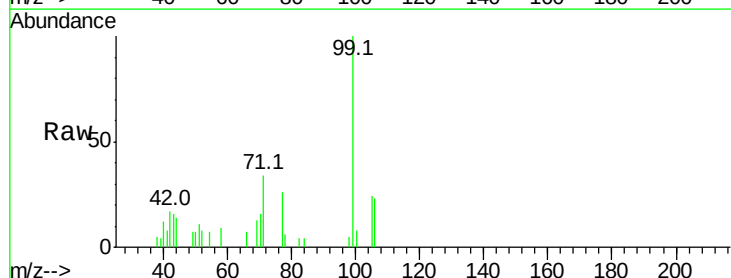
Tgt Ion: 77 Resp: 4058

Ion Ratio Lower Upper

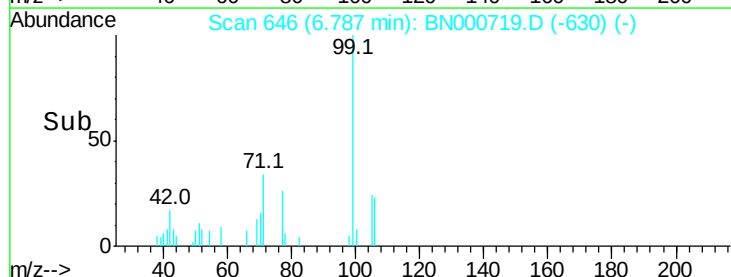
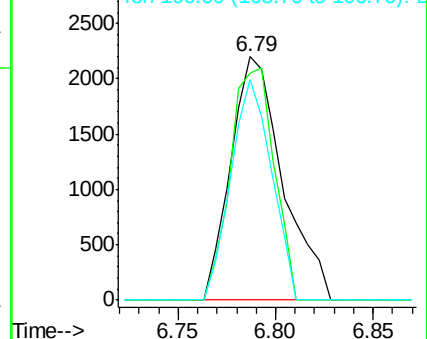
77 100

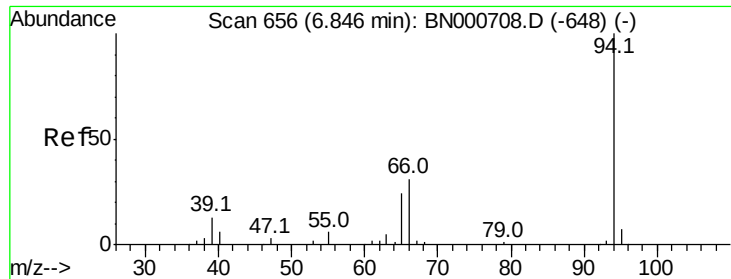
105 93.1 71.3 111.3

106 90.8 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





#10

Phenol

Concen: 0.800 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BN000719.D

Acq: 09 Apr 2018 20:52

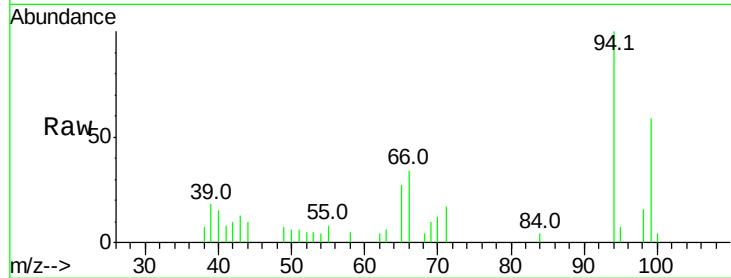
Instrument :

BNA_N

ClientSampleId :

Tot Ion: 94 Resp: 11345

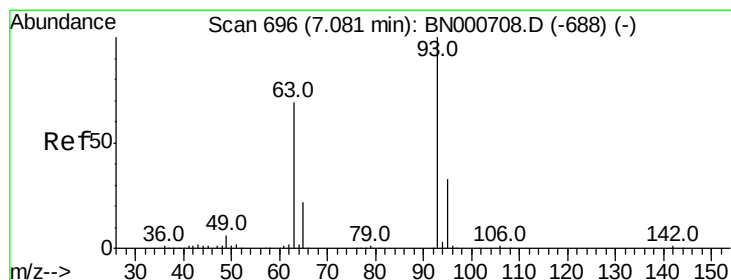
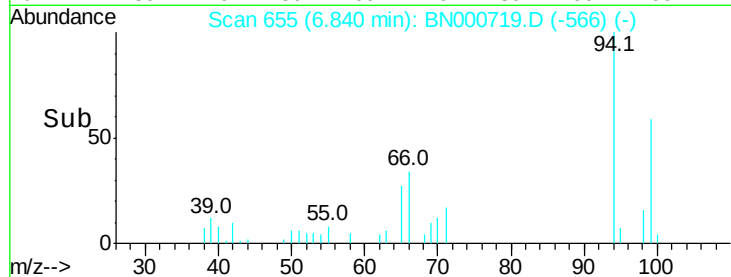
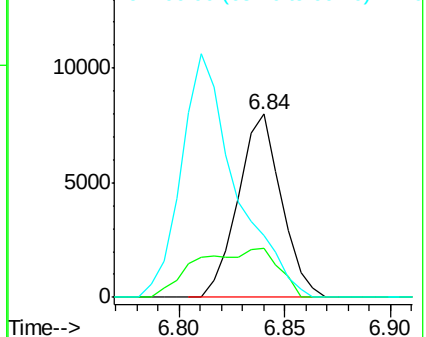
Ion	Ratio	Lower	Upper
94	100		
65	26.8	11.9	51.9
66	33.5	22.2	62.2



Abundance Ion 94.00 (93.70 to 94.70): BN0

Ion 65.00 (64.70 to 65.70): BN0

Ion 66.00 (65.70 to 66.70): BN0



#11

bis(2-Chloroethyl)ether

Concen: 0.118 ng

RT: 7.18 min Scan# 712

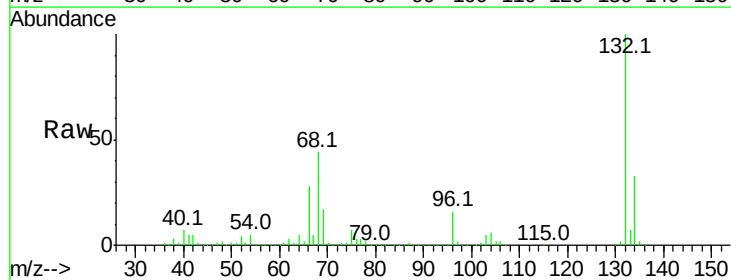
Delta R.T. 0.09 min

Lab File: BN000719.D

Acq: 09 Apr 2018 20:52

Tgt Ion: 93 Resp: 1369

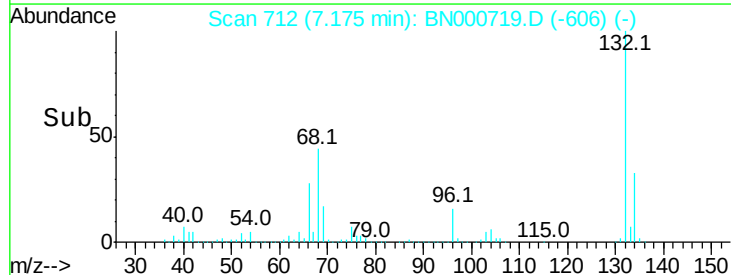
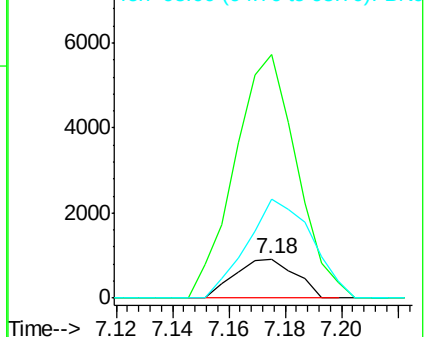
Ion	Ratio	Lower	Upper
93	100		
63	623.5	67.1	107.1#
95	252.3	11.5	51.5#

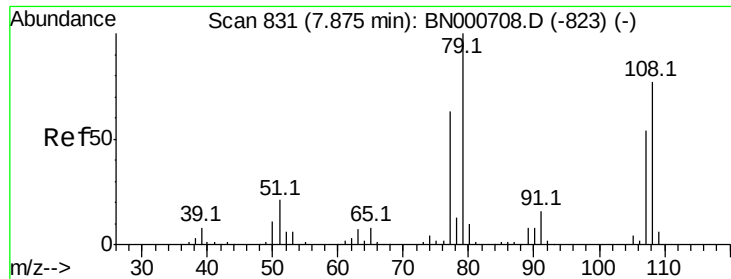


Abundance Ion 93.00 (92.70 to 93.70): BN0

Ion 63.00 (62.70 to 63.70): BN0

Ion 95.00 (94.70 to 95.70): BN0

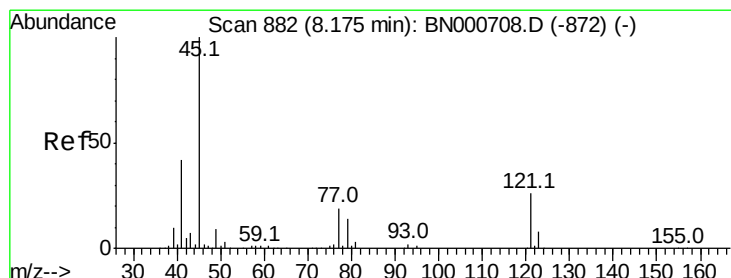
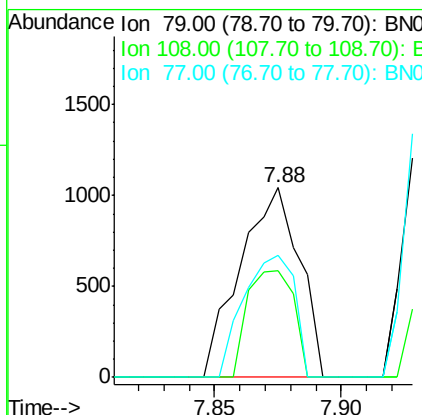
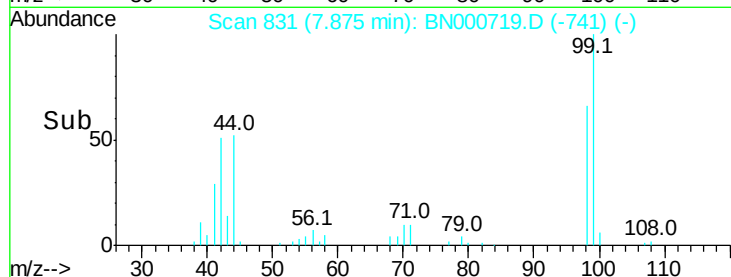
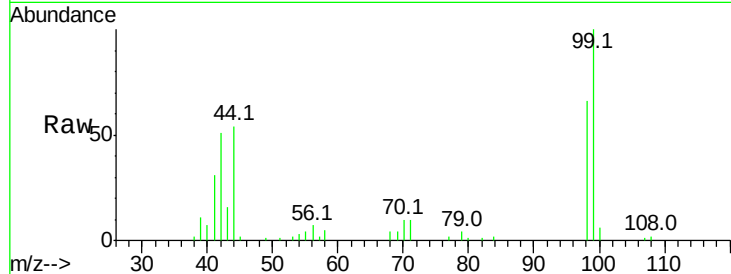




#15
Benzyl Alcohol
Concen: 0.188 ng
RT: 7.88 min Scan# 831
Delta R.T. -0.00 min
Lab File: BN000719.D
Acq: 09 Apr 2018 20:52

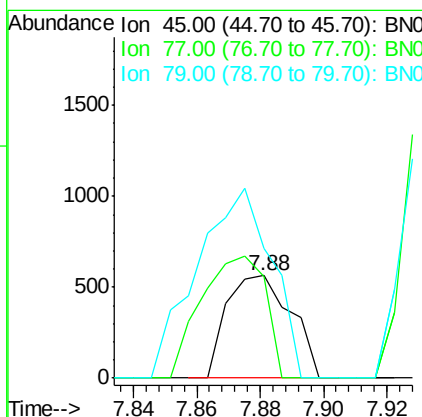
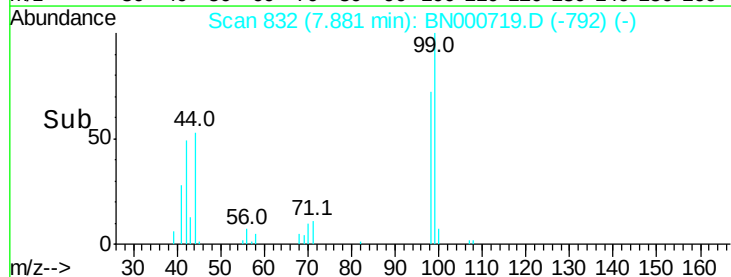
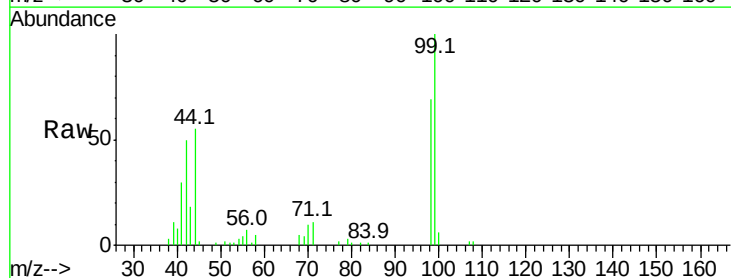
Instrument :
BNA_N
ClientSampleId :

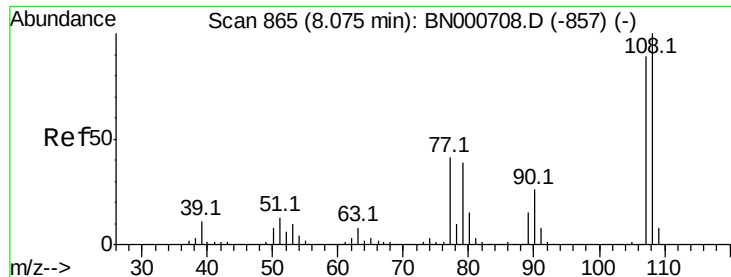
Tot Ion: 79 Resp: 1706
Ion Ratio Lower Upper
79 100
108 56.4 57.2 85.8#
77 64.2 46.1 69.1



#16
2,2'-oxybis(1-chloropropane)
Concen: 0.063 ng
RT: 7.88 min Scan# 832
Delta R.T. -0.29 min
Lab File: BN000719.D
Acq: 09 Apr 2018 20:52

Tgt Ion: 45 Resp: 794
Ion Ratio Lower Upper
45 100
77 99.5 0.0 30.2#
79 126.8 0.0 27.9#

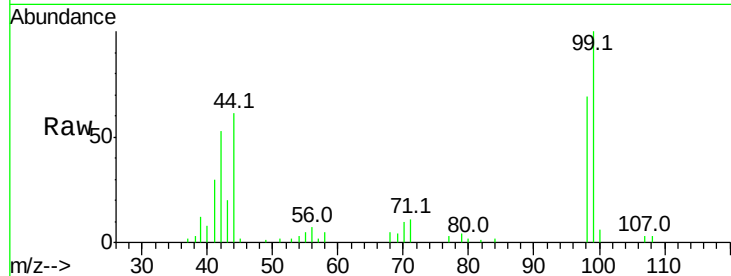




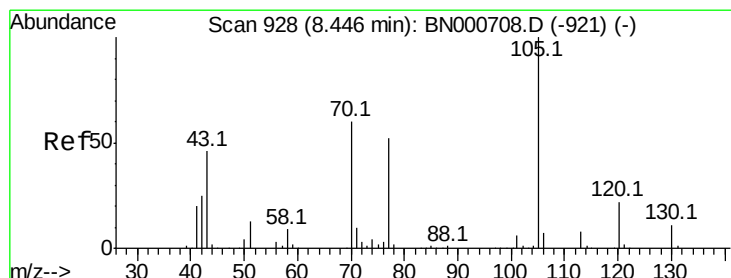
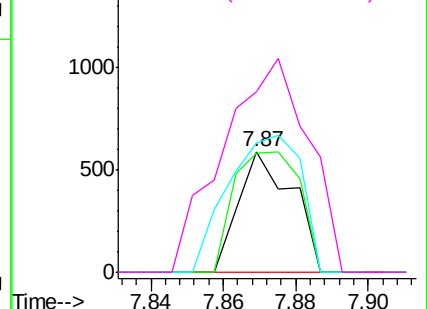
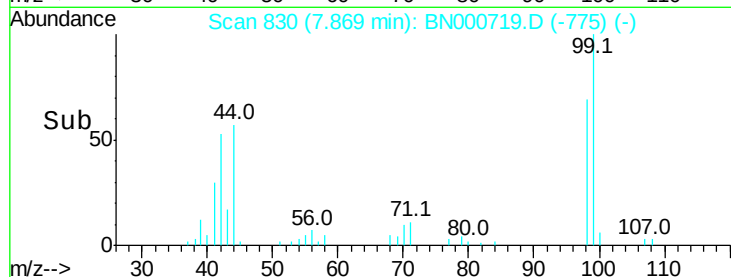
#17
2-Methylphenol
Concen: 0.064 ng
RT: 7.87 min Scan# 830
Delta R.T. -0.21 min
Lab File: BN000719.D
Acq: 09 Apr 2018 20:52

Instrument :
BNA_N
ClientSampled :

Tot Ion:107 Resp: 607
Ion Ratio Lower Upper
107 100
108 98.0 83.9 125.9
77 106.6 37.2 55.8#
79 149.2 36.2 54.2#

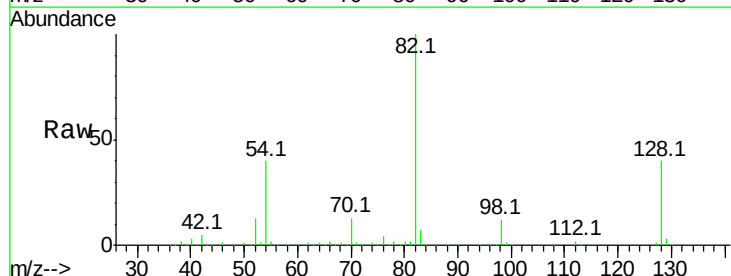


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BNC
Ion 79.00 (78.70 to 79.70): BNC

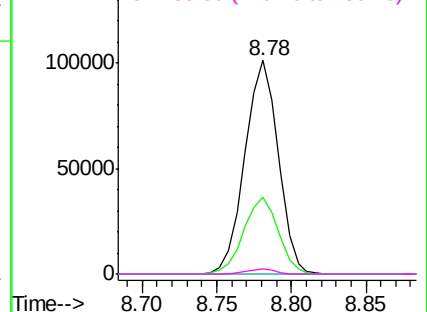
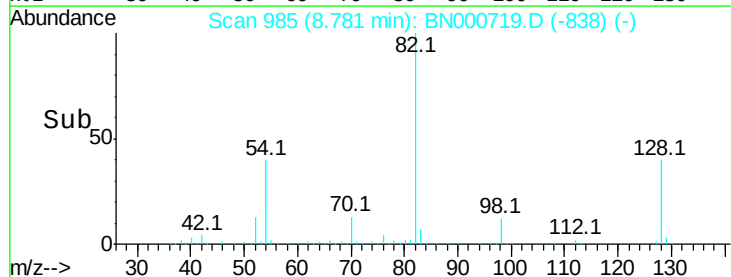


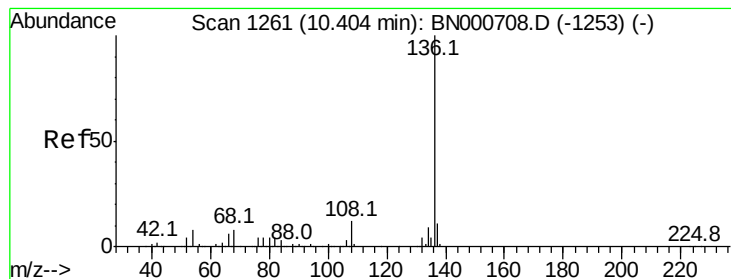
#19
n-Nitroso-di-n-propylamine
Concen: 18.864 ng
RT: 8.78 min Scan# 985
Delta R.T. 0.34 min
Lab File: BN000719.D
Acq: 09 Apr 2018 20:52

Tgt Ion: 70 Resp: 157258
Ion Ratio Lower Upper
70 100
42 35.8 49.1 73.7#
101 0.0 8.5 12.7#
130 2.2 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): E
Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.40 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BN000719.D

Acq: 09 Apr 2018 20:52

Instrument :

BNA_N

ClientSampled :

Tot Ion:136 Resp: 598976

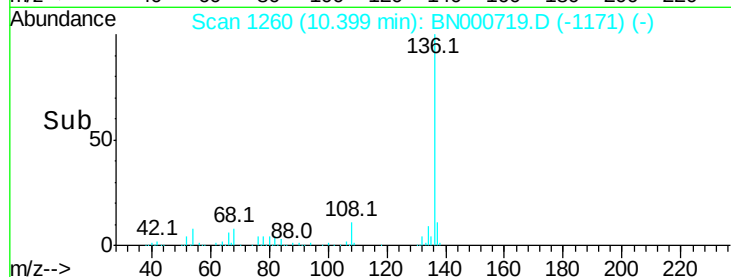
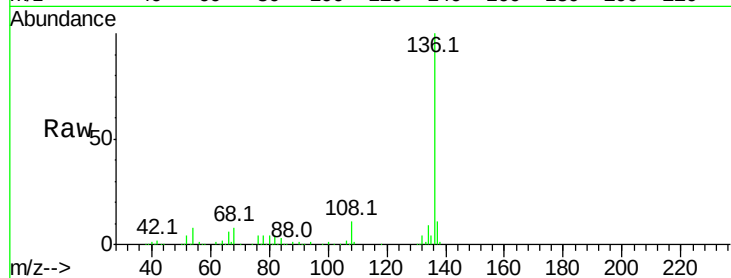
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 8.0 10.3 15.5#

68 7.9 4.5 6.7#

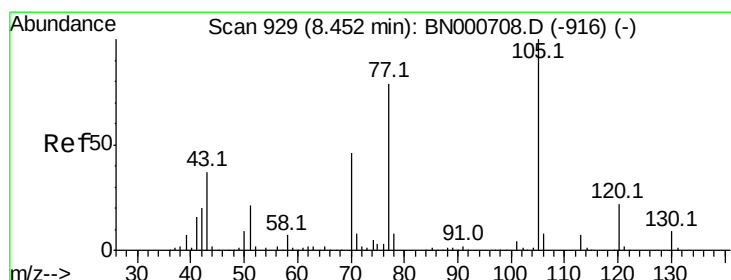
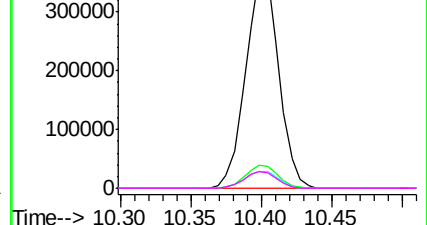


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#22

Acetophenone

Concen: 0.171 ng

RT: 8.45 min Scan# 928

Delta R.T. -0.01 min

Lab File: BN000719.D

Acq: 09 Apr 2018 20:52

Tgt Ion:105 Resp: 2957

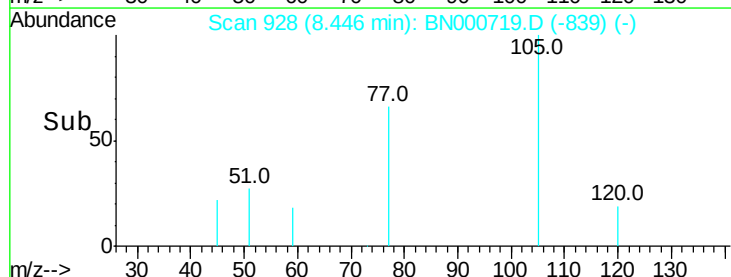
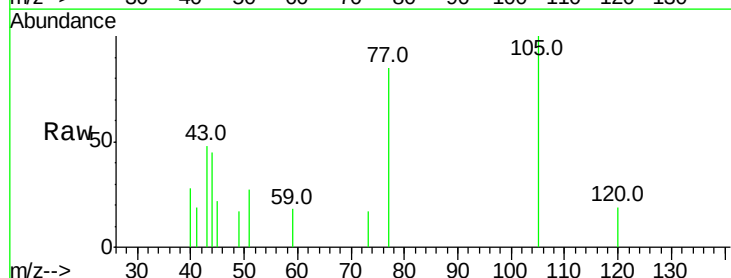
Ion Ratio Lower Upper

105 100

71 0.0 3.0 4.4#

51 27.0 26.1 39.1

120 19.1 17.4 26.2

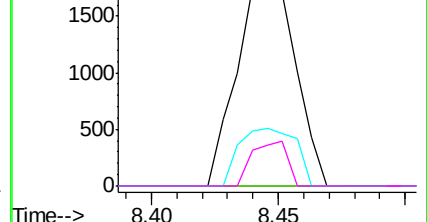


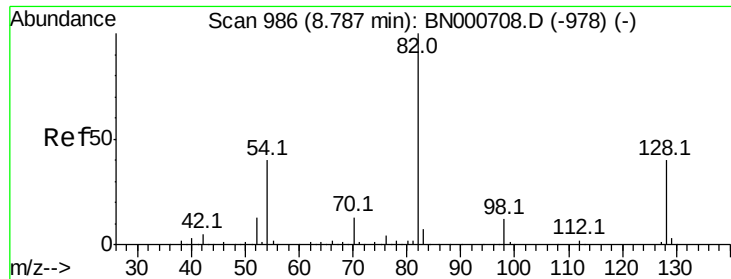
Abundance Ion 105.00 (104.70 to 105.70): E

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: 109.699 ng

RT: 8.78 min Scan# 985

Delta R.T. -0.01 min

Lab File: BN000719.D

Acq: 09 Apr 2018 20:52

Instrument :

BNA_N

ClientSampleId :

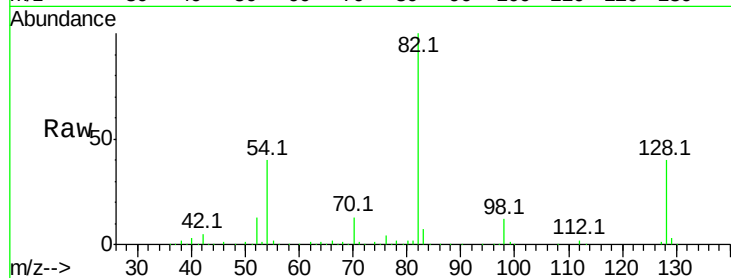
Tot Ion: 82 Resp: 1241676

Ion Ratio Lower Upper

82 100

128 40.2 29.7 44.5

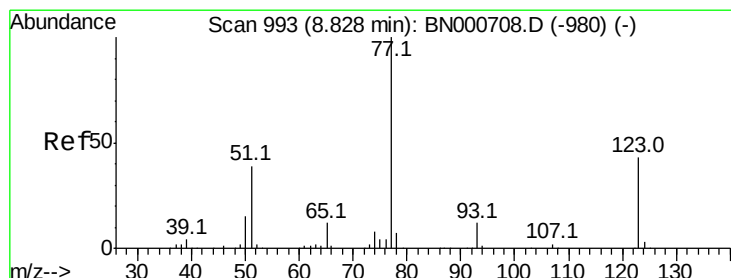
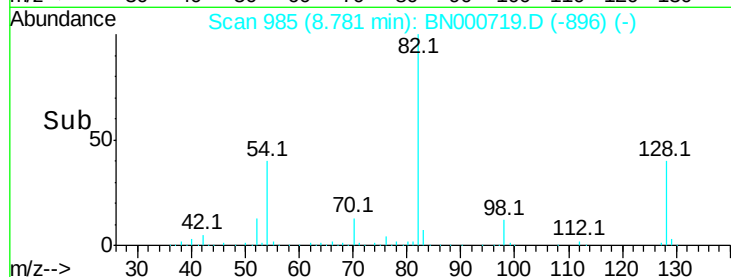
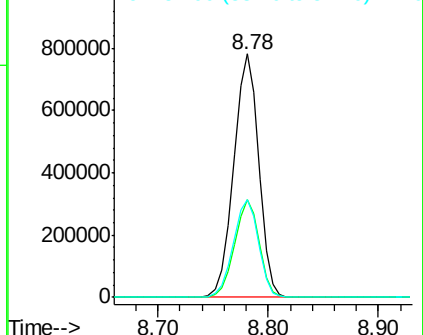
54 39.9 43.1 64.7#



Abundance Ion 82.00 (81.70 to 82.70): BN0

Ion 128.00 (127.70 to 128.70): BN0

Ion 54.00 (53.70 to 54.70): BN0



#24

Nitrobenzene

Concen: 0.336 ng

RT: 8.78 min Scan# 985

Delta R.T. -0.05 min

Lab File: BN000719.D

Acq: 09 Apr 2018 20:52

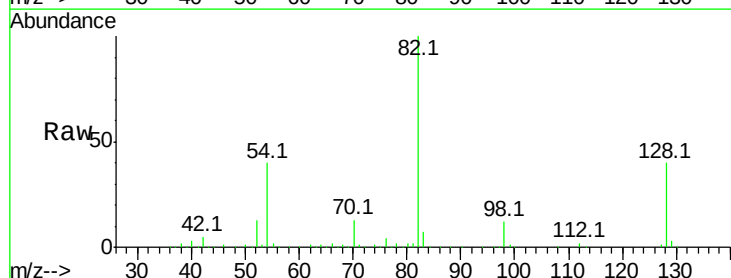
Tgt Ion: 77 Resp: 4131

Ion Ratio Lower Upper

77 100

123 0.0 33.0 49.6#

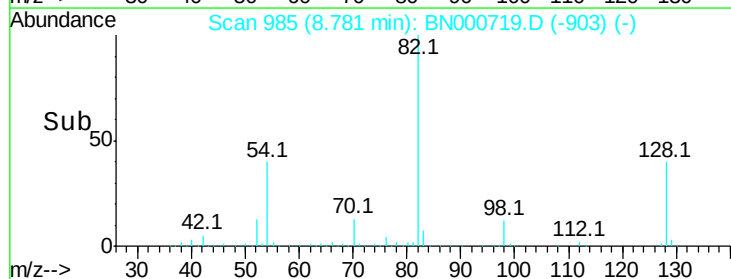
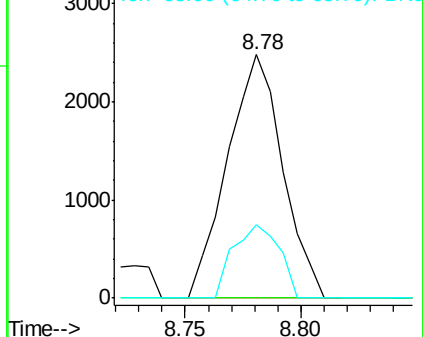
65 30.0 13.0 19.6#

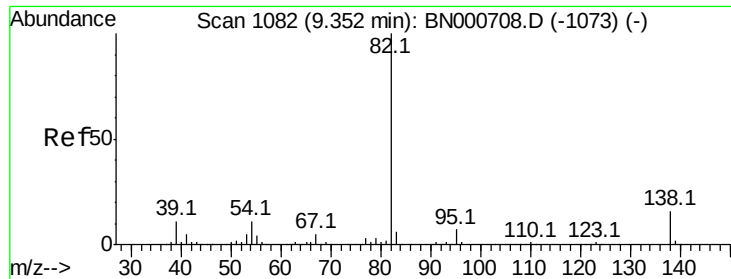


Abundance Ion 77.00 (76.70 to 77.70): BN0

Ion 123.00 (122.70 to 123.70): BN0

Ion 65.00 (64.70 to 65.70): BN0





#25

Isophorone

Concen: 0.011 ng

RT: 9.34 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BN000719.D

Acq: 09 Apr 2018 20:52

Instrument :

BNA_N

ClientSampled :

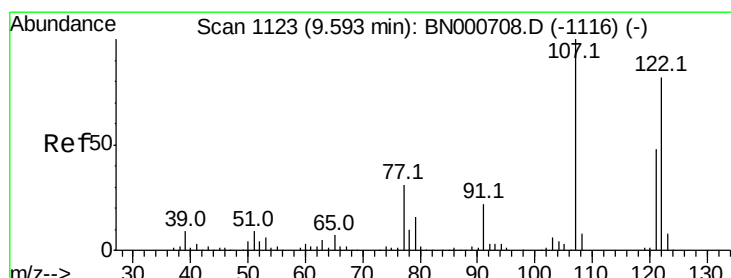
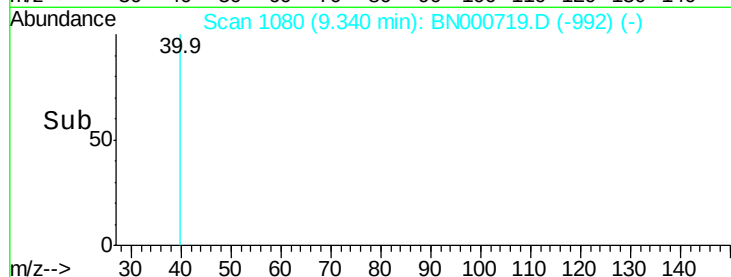
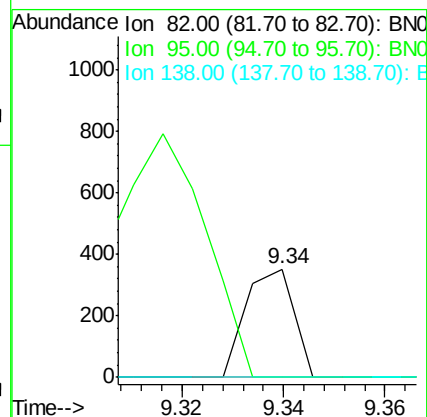
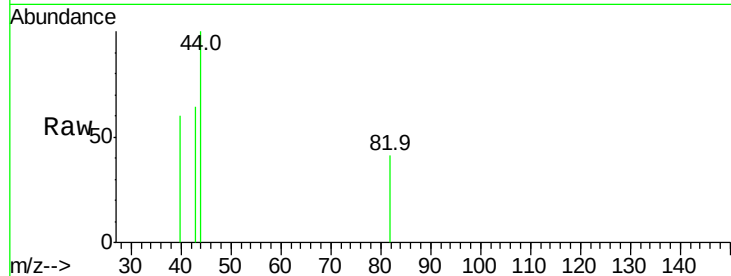
Tot Ion: 82 Resp: 231

Ion Ratio Lower Upper

82 100

95 0.0 6.2 9.2#

138 0.0 12.1 18.1#



#27

2,4-Dimethylphenol

Concen: 0.100 ng

RT: 9.62 min Scan# 1128

Delta R.T. 0.03 min

Lab File: BN000719.D

Acq: 09 Apr 2018 20:52

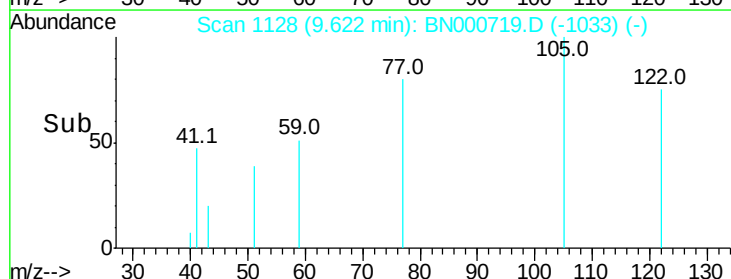
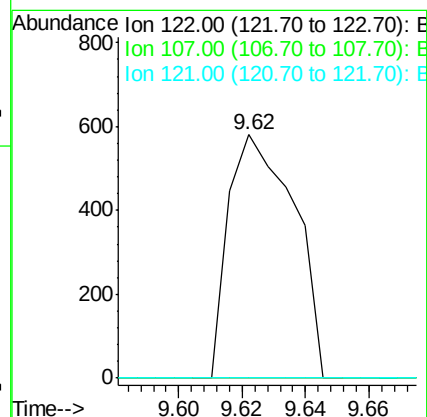
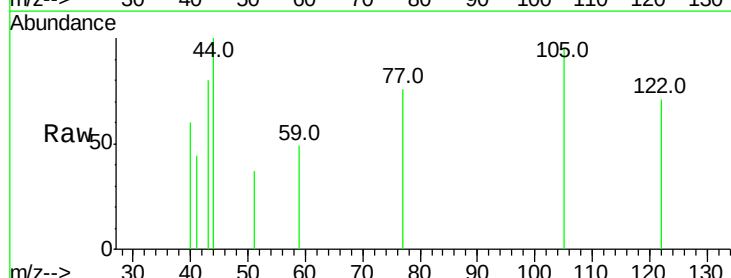
Tgt Ion: 122 Resp: 831

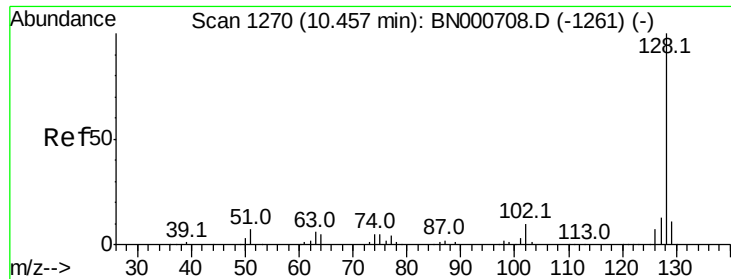
Ion Ratio Lower Upper

122 100

107 0.0 100.2 150.2#

121 0.0 44.4 66.6#

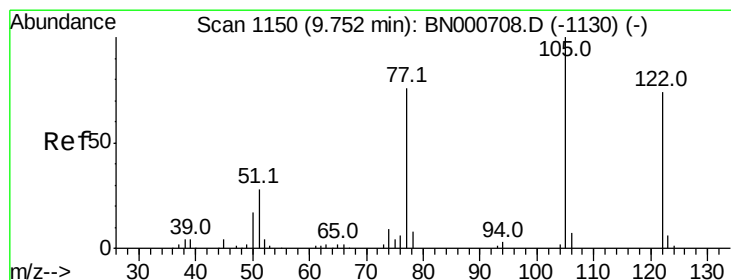
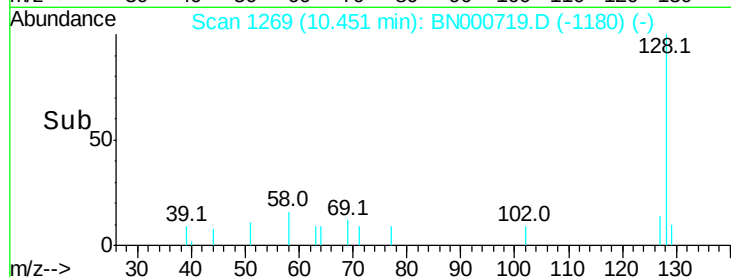
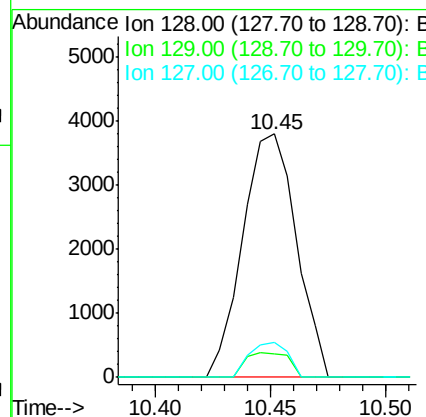
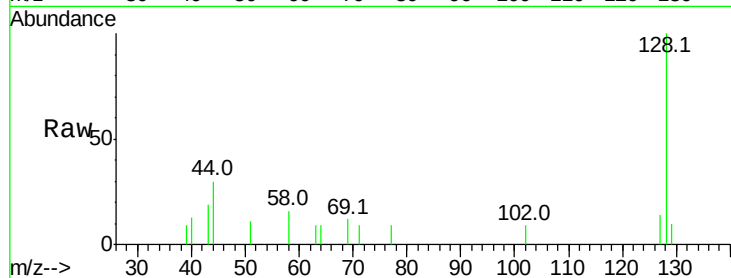




#31
Naphthalene
Concen: 0.190 ng
RT: 10.45 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BN000719.D
Acq: 09 Apr 2018 20:52

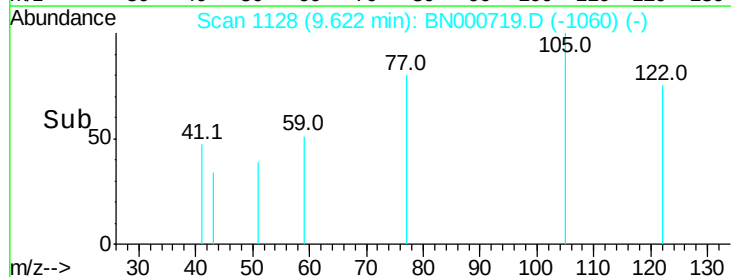
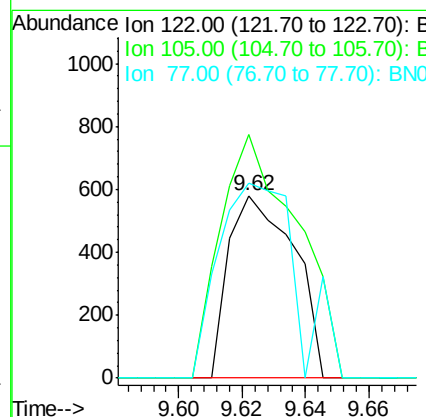
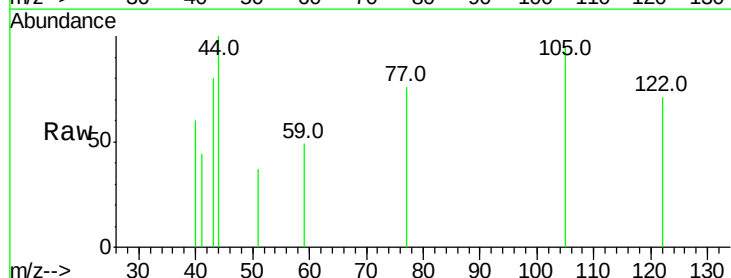
Instrument :
BNA_N
ClientSampleId :

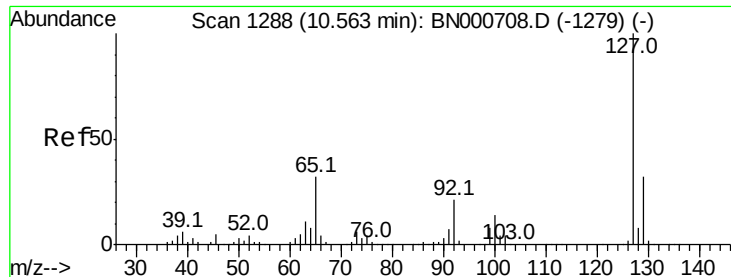
Tot Ion:128 Resp: 6142
Ion Ratio Lower Upper
128 100
129 9.6 8.6 12.8
127 14.3 11.6 17.4



#32
Benzoic acid
Concen: 7.282 ng
RT: 9.62 min Scan# 1128
Delta R.T. -0.13 min
Lab File: BN000719.D
Acq: 09 Apr 2018 20:52

Tgt Ion:122 Resp: 831
Ion Ratio Lower Upper
122 100
105 133.2 123.5 163.5
77 107.1 85.7 125.7

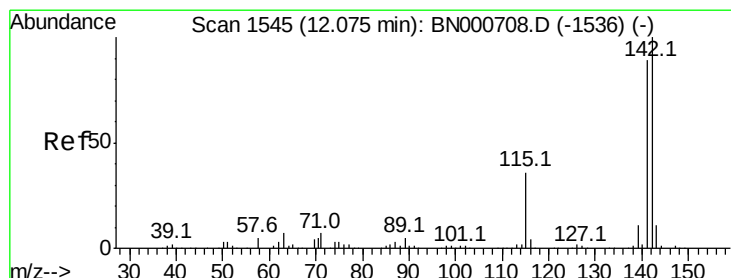
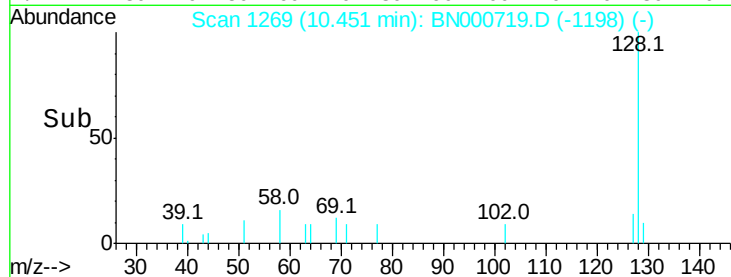
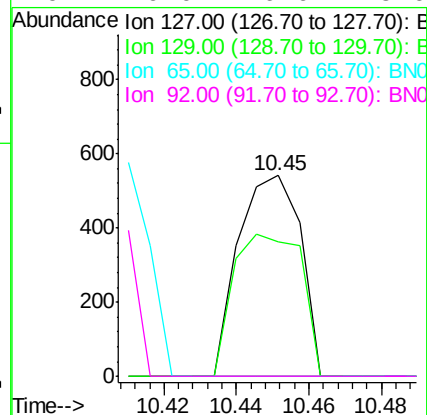
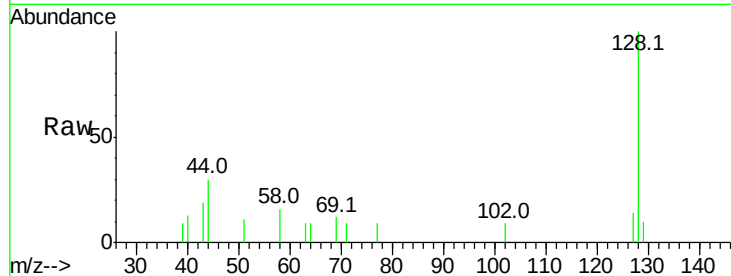




#33
 4-Chloroaniline
 Concen: 0.049 ng
 RT: 10.45 min Scan# 1269
 Delta R.T. -0.11 min
 Lab File: BN000719.D
 Acq: 09 Apr 2018 20:52

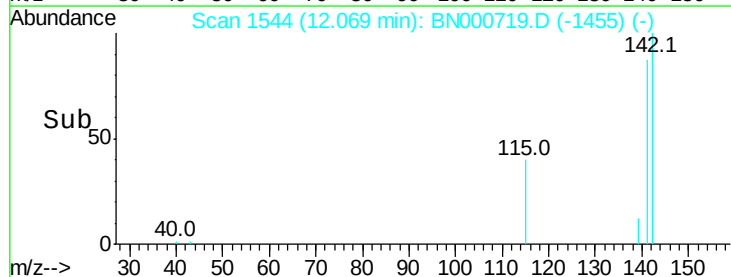
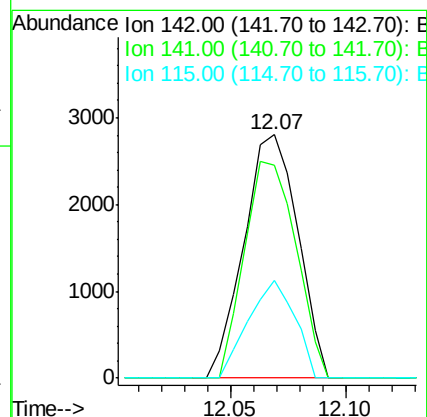
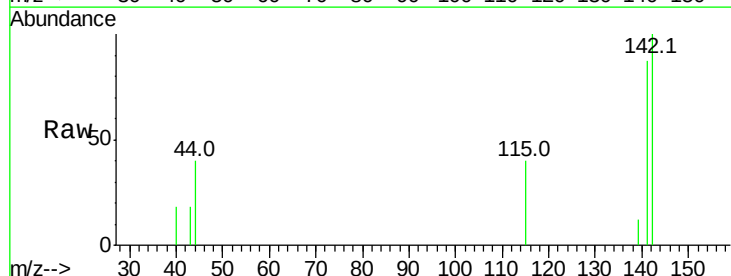
Instrument :
 BNA_N
 ClientSampled :

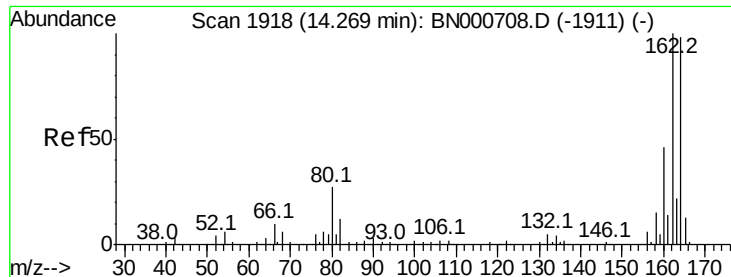
Tot Ion:127	Resp:	640
Ion	Ratio	Lower Upper
127	100	
129	67.1	24.0 36.0#
65	0.0	27.0 40.4#
92	0.0	16.6 25.0#



#37
 2-Methylnaphthalene
 Concen: 0.216 ng
 RT: 12.07 min Scan# 1544
 Delta R.T. -0.01 min
 Lab File: BN000719.D
 Acq: 09 Apr 2018 20:52

Tgt Ion:142	Resp:	4566
Ion	Ratio	Lower Upper
142	100	
141	87.3	67.1 100.7
115	40.1	30.7 46.1

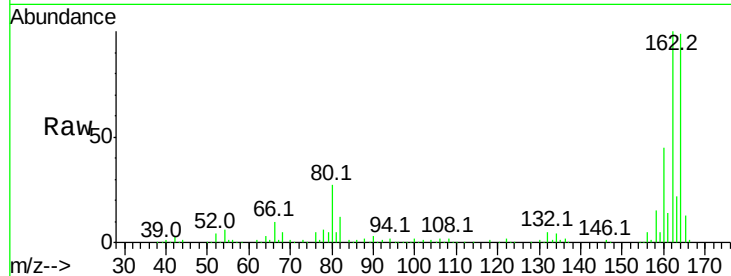




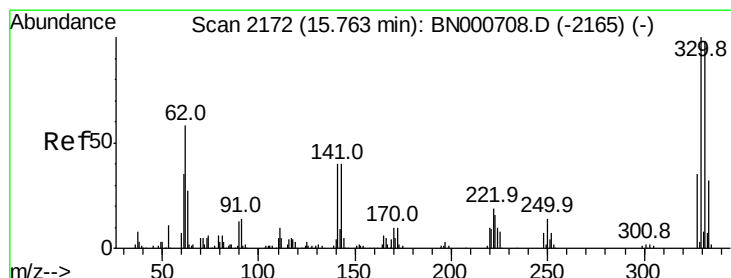
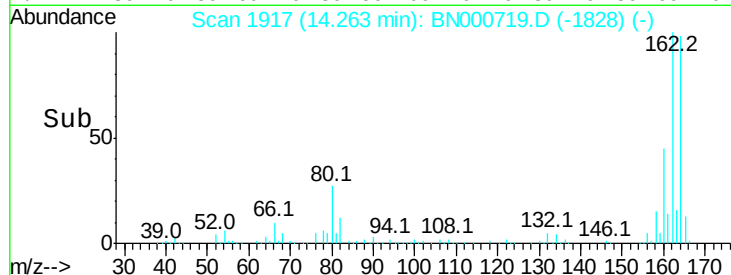
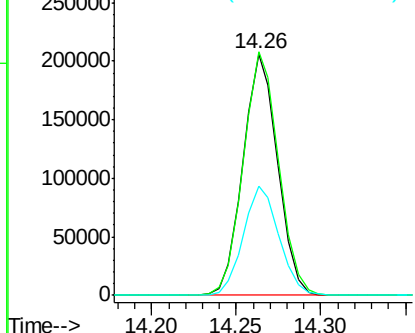
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.26 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BN000719.D
Acq: 09 Apr 2018 20:52

Instrument :
BNA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.0	78.8	118.2
160	45.5	35.4	53.0

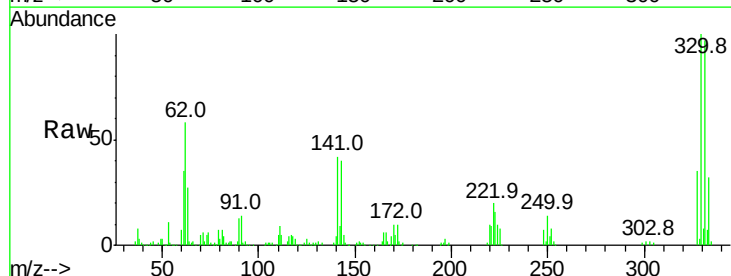


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

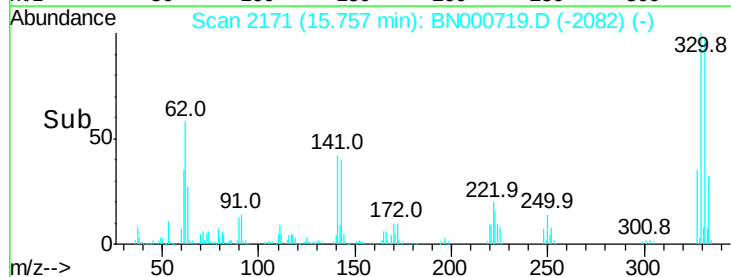
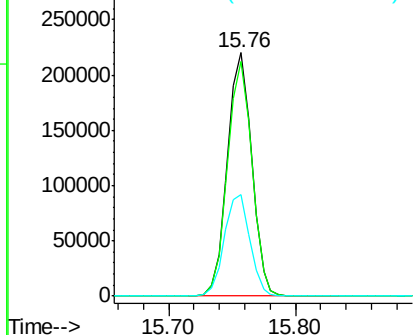


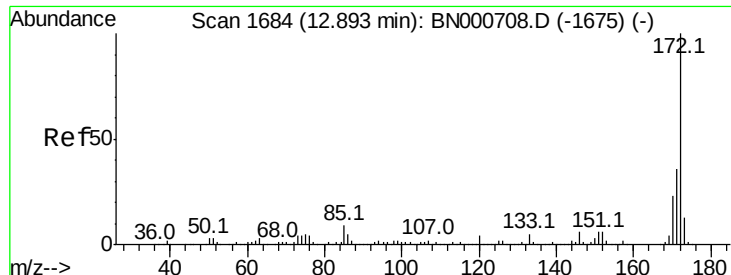
#41
2,4,6-Tribromophenol
Concen: 101.716 ng
RT: 15.76 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BN000719.D
Acq: 09 Apr 2018 20:52

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	43.9	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



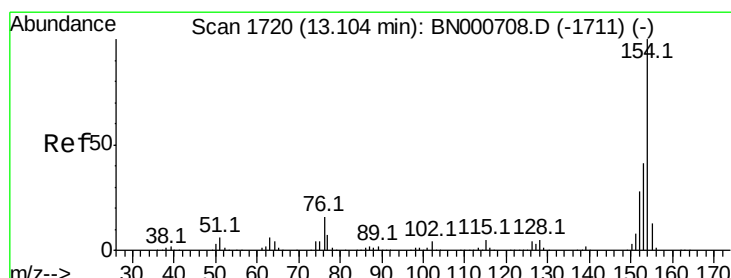
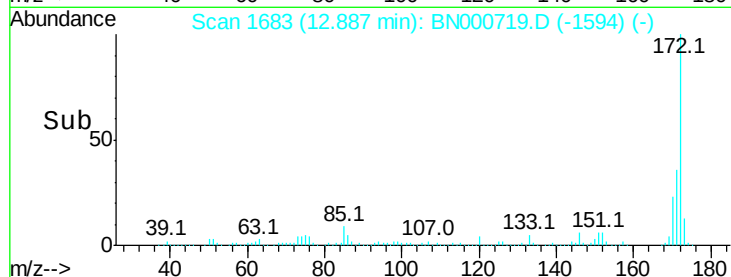
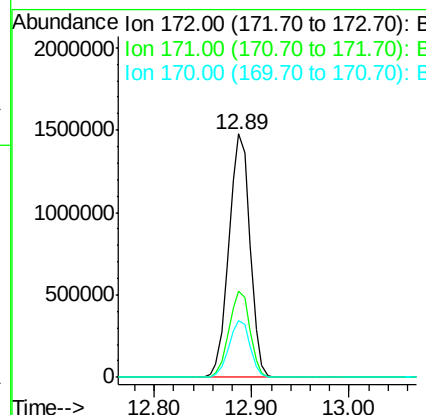
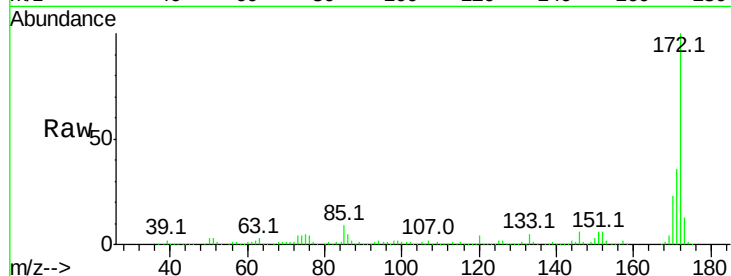


#44
 2-Fluorobiphenyl
 Concen: 103.843 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BN000719.D
 Acq: 09 Apr 2018 20:52

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:172 Resp: 2208076

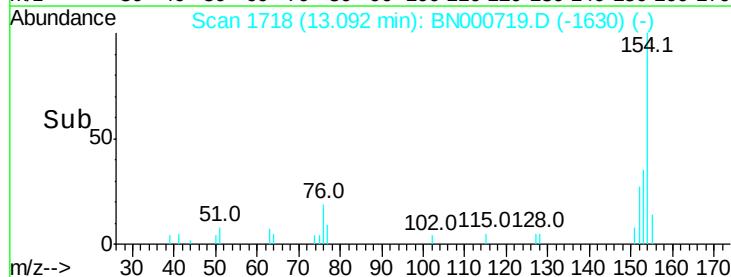
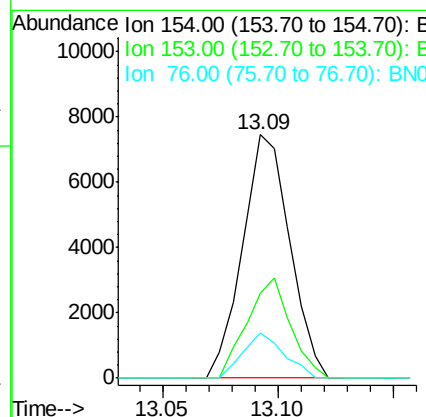
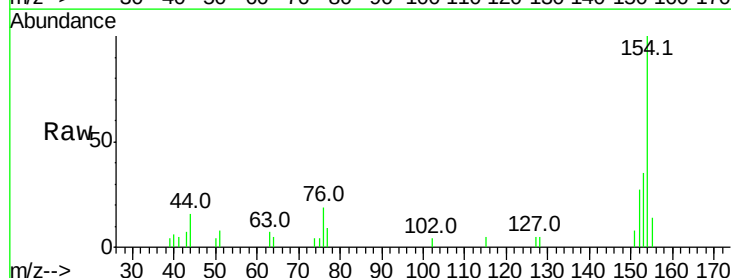
Ion	Ratio	Lower	Upper
172	100		
171	35.5	30.0	45.0
170	23.5	19.5	29.3

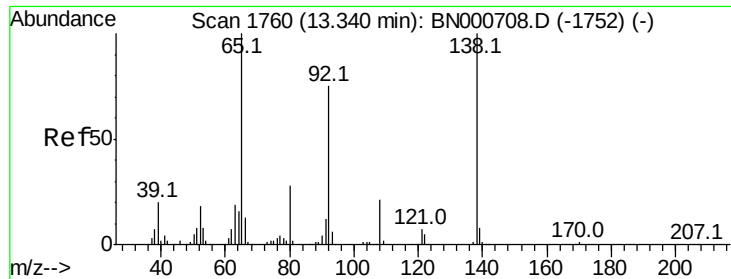


#45
 1,1'-Biphenyl
 Concen: 0.404 ng
 RT: 13.09 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BN000719.D
 Acq: 09 Apr 2018 20:52

Tgt Ion:154 Resp: 10631

Ion	Ratio	Lower	Upper
154	100		
153	35.1	19.8	59.8
76	18.7	0.0	31.9





#47

2-Nitroaniline

Concen: 0.024 ng

RT: 13.73 min Scan# 1826

Delta R.T. 0.39 min

Lab File: BN000719.D

Acq: 09 Apr 2018 20:52

Instrument :

BNA_N

ClientSampleId :

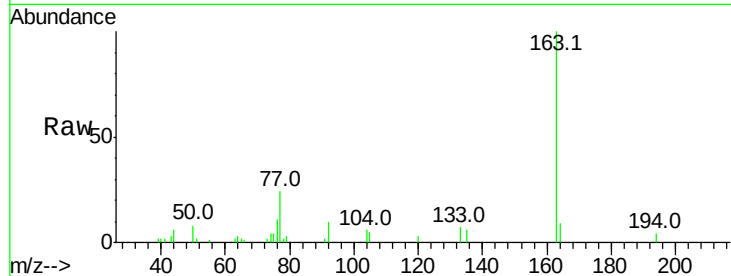
Tot Ion: 65 Resp: 133

Ion Ratio Lower Upper

65 100

92 645.1 54.6 82.0#

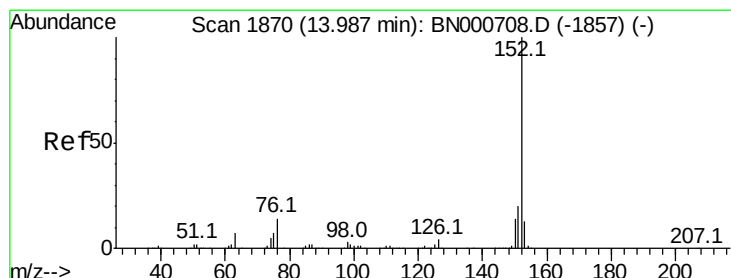
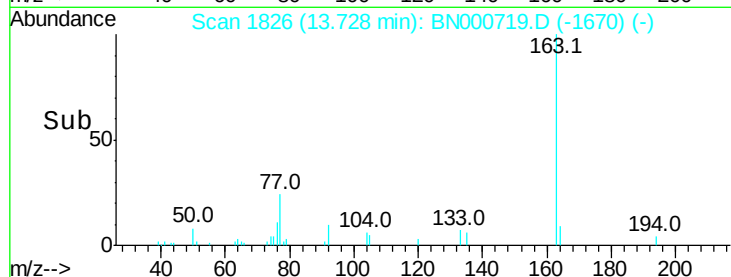
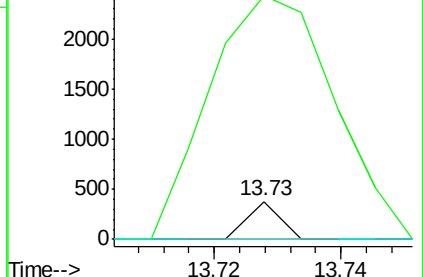
138 0.0 72.9 109.3#



Abundance Ion 65.00 (64.70 to 65.70): BN000708.D (-1752) (-)

Ion 92.00 (91.70 to 92.70): BN000708.D (-1752) (-)

Ion 138.00 (137.70 to 138.70): BN000708.D (-1752) (-)



#48

Acenaphthylene

Concen: 0.015 ng

RT: 13.98 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BN000719.D

Acq: 09 Apr 2018 20:52

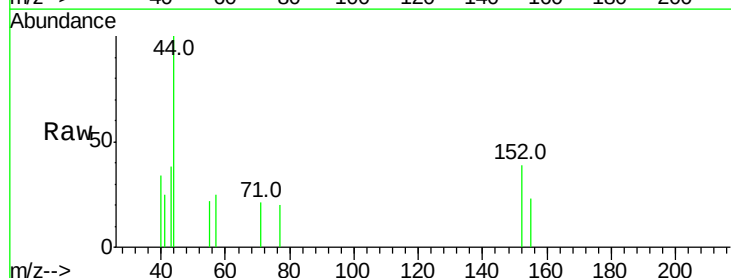
Tgt Ion: 152 Resp: 481

Ion Ratio Lower Upper

152 100

151 0.0 17.2 25.8#

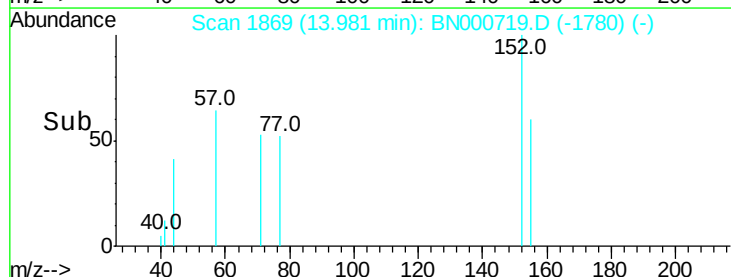
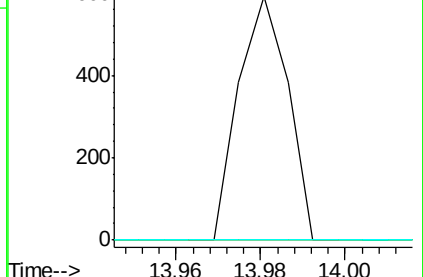
153 0.0 10.2 15.4#

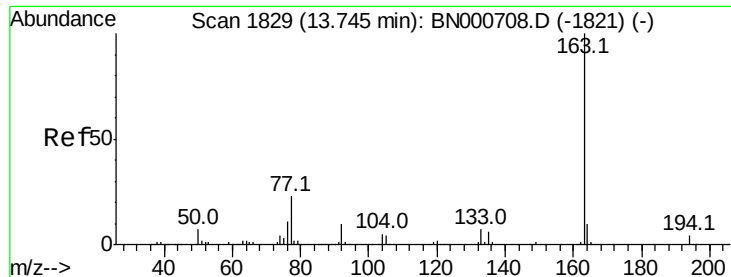


Abundance Ion 152.00 (151.70 to 152.70): BN000708.D (-1857) (-)

Ion 151.00 (150.70 to 151.70): BN000708.D (-1857) (-)

Ion 153.00 (152.70 to 153.70): BN000708.D (-1857) (-)





#49

Dimethylphthalate

Concen: 1.341 ng

RT: 13.73 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BN000719.D

Acq: 09 Apr 2018 20:52

Instrument :

BNA_N

ClientSampleId :

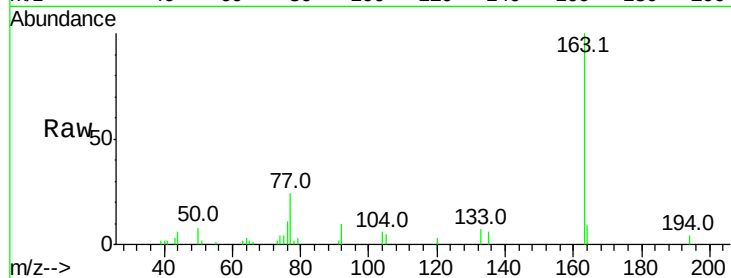
Tot Ion:163 Resp: 31291

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

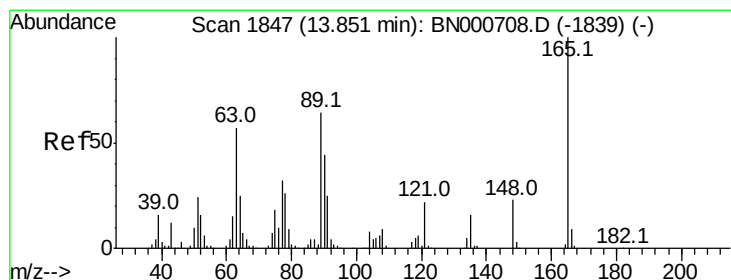
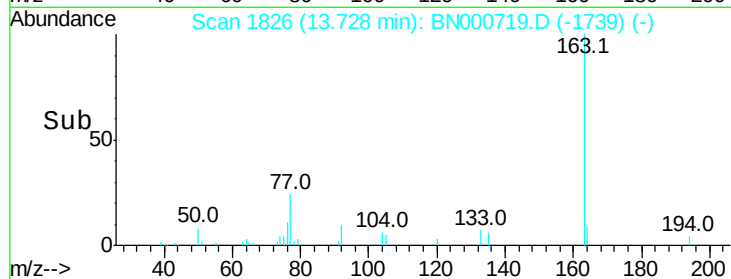
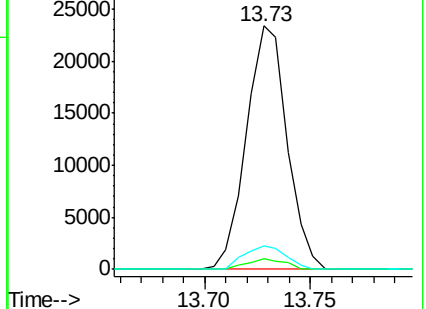
164 9.5 8.2 12.4



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: 0.238 ng

RT: 13.82 min Scan# 1841

Delta R.T. -0.04 min

Lab File: BN000719.D

Acq: 09 Apr 2018 20:52

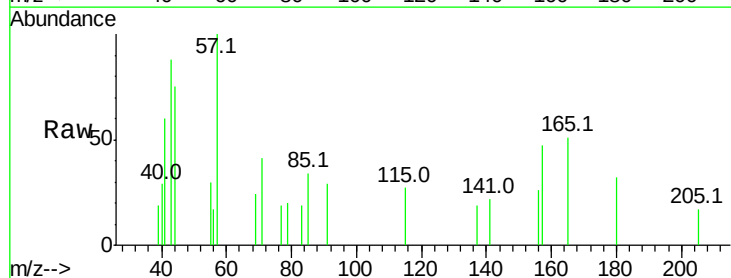
Tgt Ion:165 Resp: 1148

Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

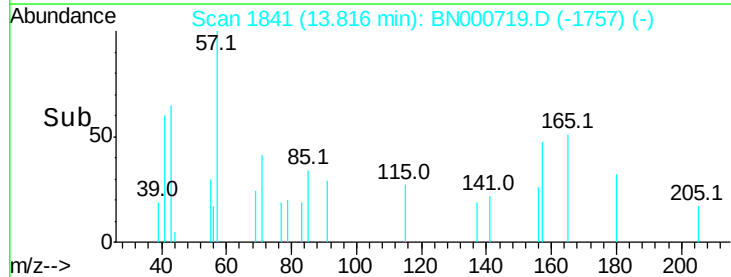
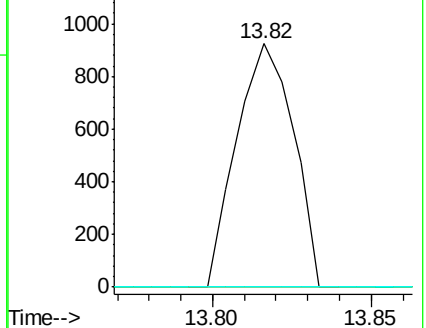
89 0.0 49.2 73.8#

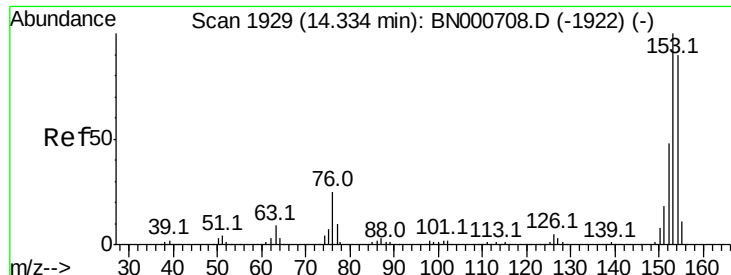


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC





#51

Acenaphthene

Concen: 0.916 ng

RT: 14.33 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BN000719.D

Acq: 09 Apr 2018 20:52

Instrument :

BNA_N

ClientSampleId :

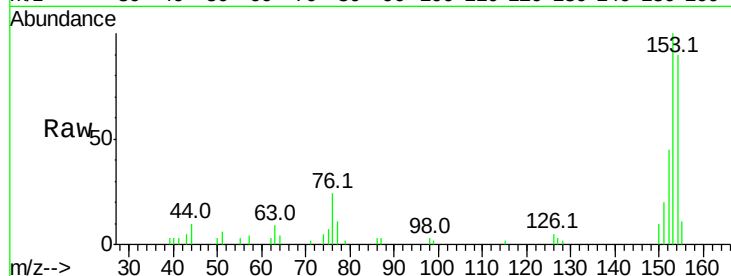
Tot Ion:154 Resp: 17626

Ion Ratio Lower Upper

154 100

153 111.7 90.4 135.6

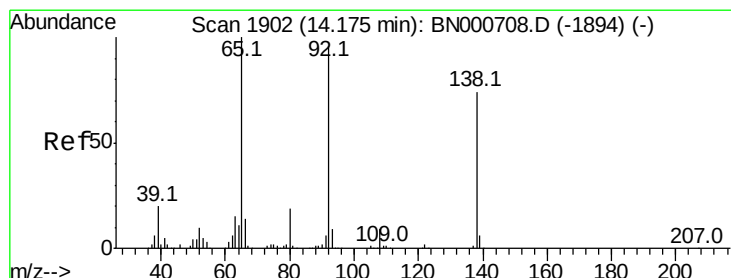
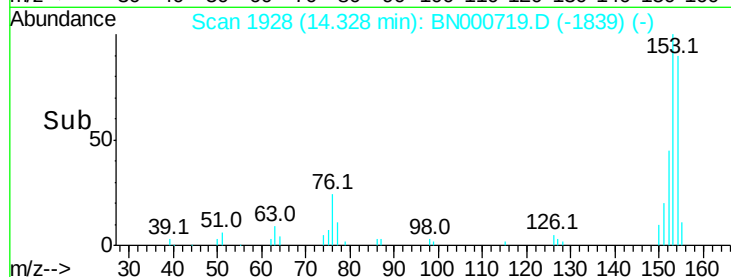
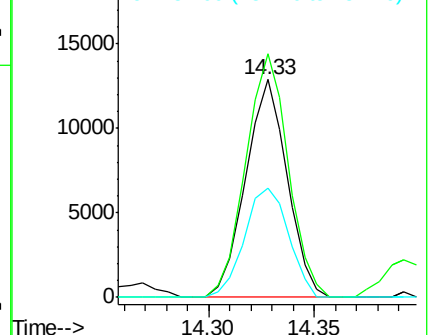
152 50.4 41.6 62.4



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



#52

3-Nitroaniline

Concen: 0.022 ng

RT: 14.66 min Scan# 1985

Delta R.T. 0.49 min

Lab File: BN000719.D

Acq: 09 Apr 2018 20:52

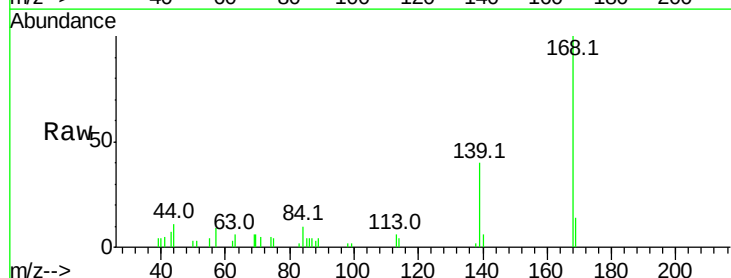
Tgt Ion:138 Resp: 124

Ion Ratio Lower Upper

138 100

108 0.0 17.5 26.3#

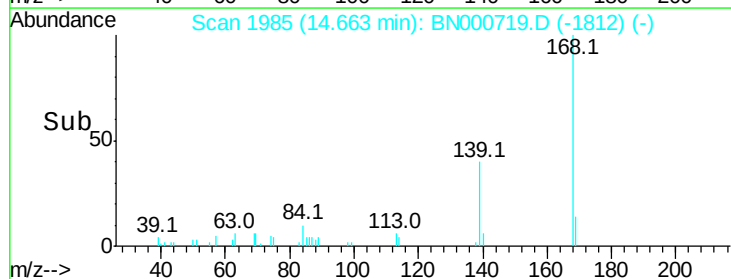
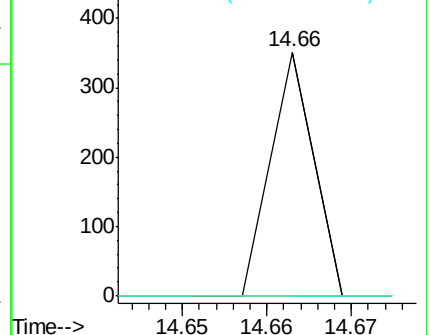
92 0.0 105.8 158.8#

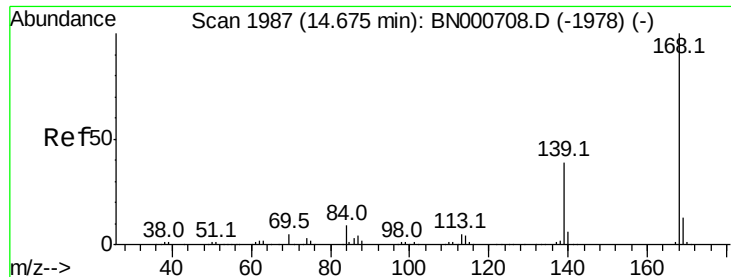


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC





#54

Dibenzofuran

Concen: 0.711 ng

RT: 14.66 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BN000719.D

Acq: 09 Apr 2018 20:52

Instrument :

BNA_N

ClientSampleId :

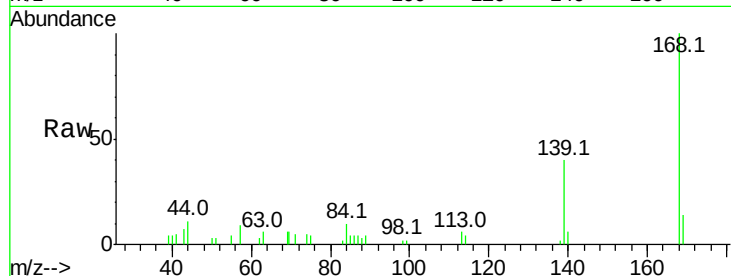
Tot Ion:168 Resp: 19671

Ion Ratio Lower Upper

168 100

139 39.9 28.6 43.0

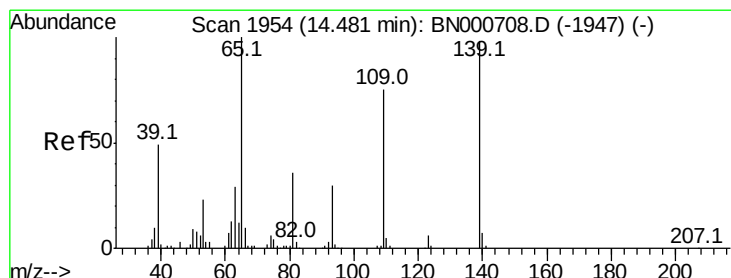
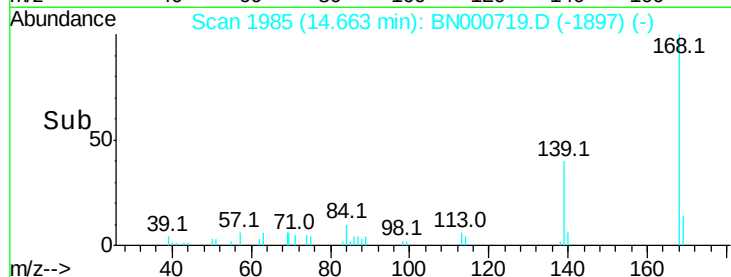
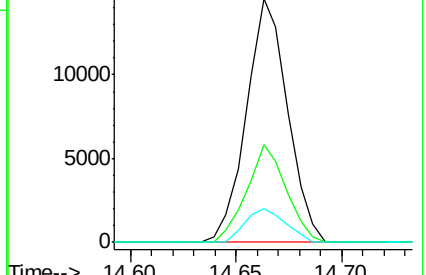
169 13.6 11.2 16.8



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



#55

4-Nitrophenol

Concen: 1.800 ng

RT: 14.66 min Scan# 1985

Delta R.T. 0.18 min

Lab File: BN000719.D

Acq: 09 Apr 2018 20:52

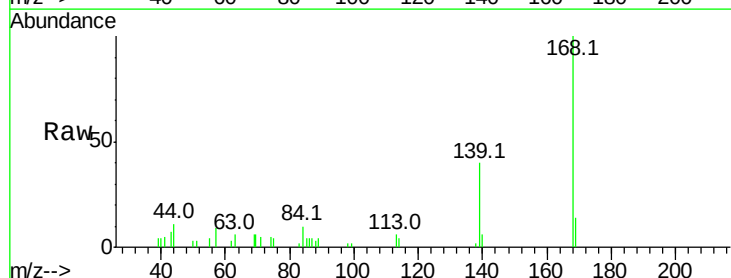
Tgt Ion:139 Resp: 7580

Ion Ratio Lower Upper

139 100

109 0.0 62.2 102.2#

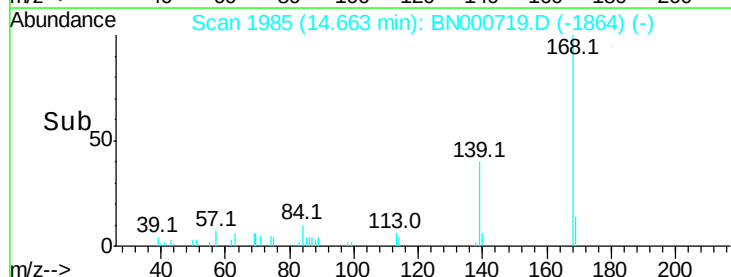
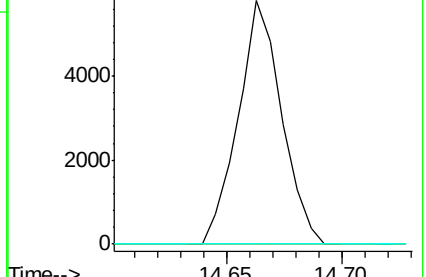
65 0.0 97.2 137.2#

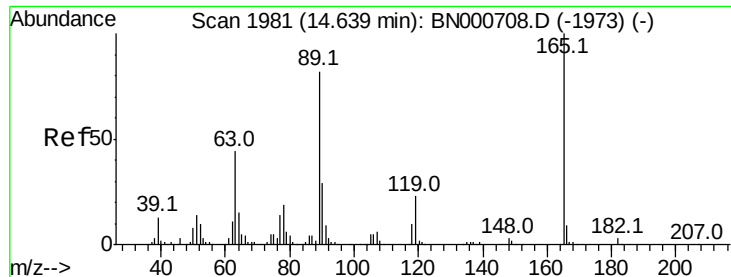


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BNC

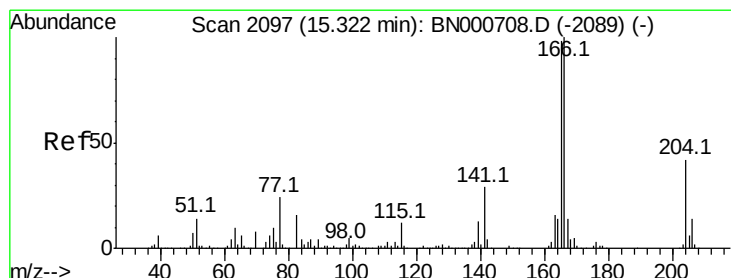
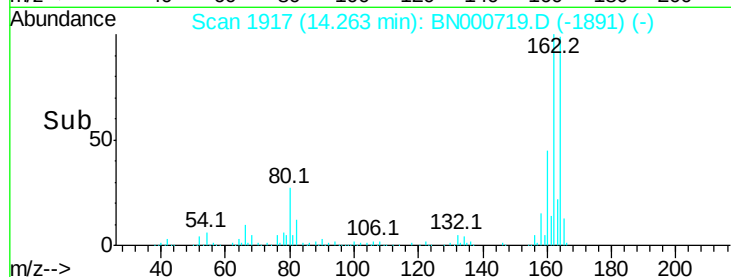
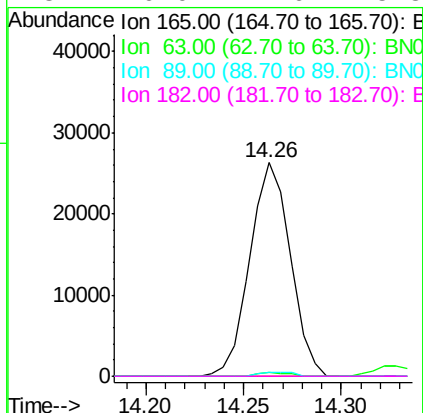
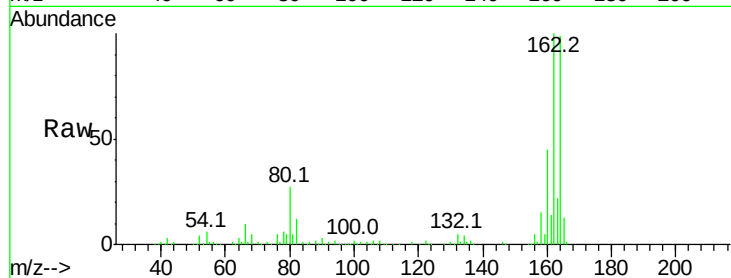




#56
 2,4-Dinitrotoluene
 Concen: 6.025 ng
 RT: 14.26 min Scan# 1917
 Delta R.T. -0.38 min
 Lab File: BN000719.D
 Acq: 09 Apr 2018 20:52

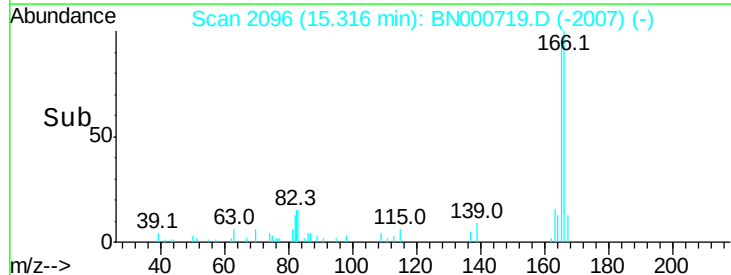
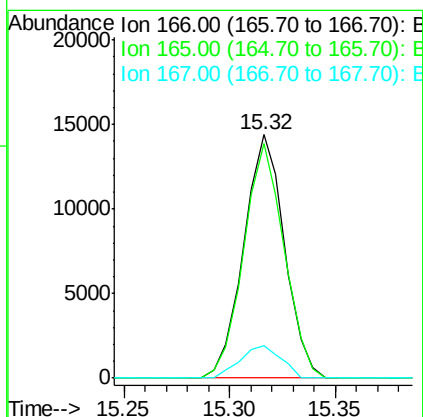
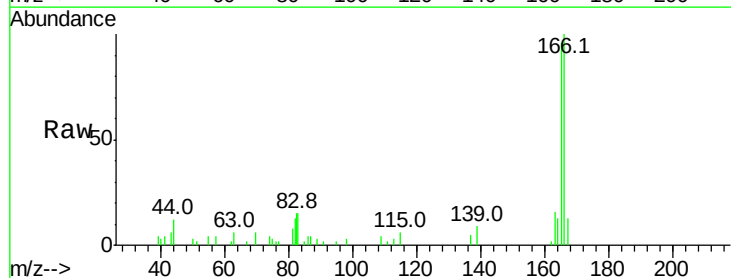
Instrument :
 BNA_N
 ClientSampleId :

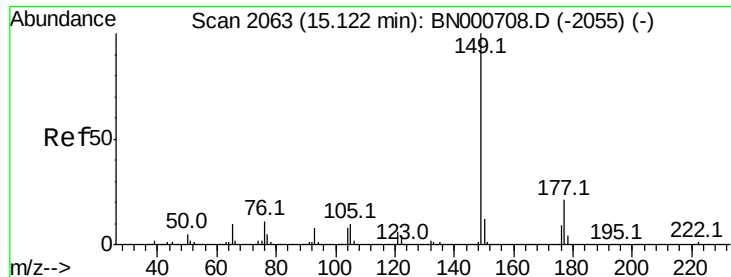
Tot Ion:165	Resp:	37792
Ion Ratio	Lower	Upper
165 100		
63 1.6	42.0	63.0#
89 1.8	66.9	100.3#
182 0.0	2.6	3.8#



#57
 Fluorene
 Concen: 0.884 ng
 RT: 15.32 min Scan# 2096
 Delta R.T. -0.01 min
 Lab File: BN000719.D
 Acq: 09 Apr 2018 20:52

Tgt	Ion:166	Resp:	19312
Ion	Ratio	Lower	Upper
166	100		
165	96.2	80.6	121.0
167	13.2	10.4	15.6

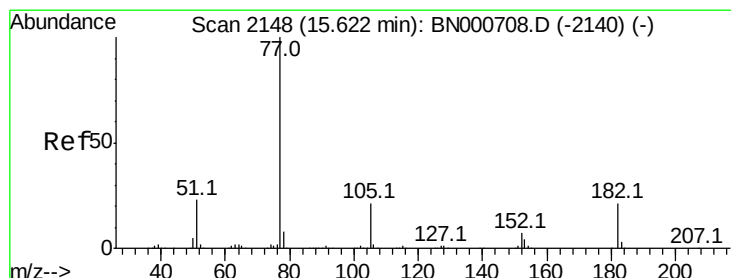
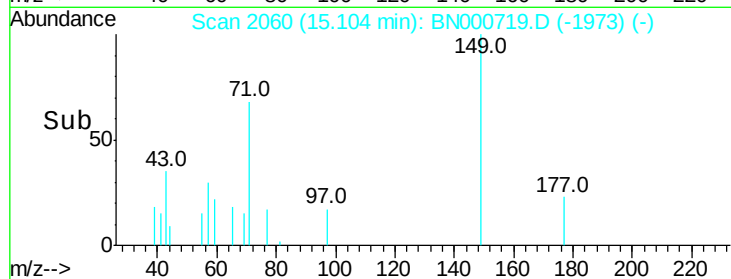
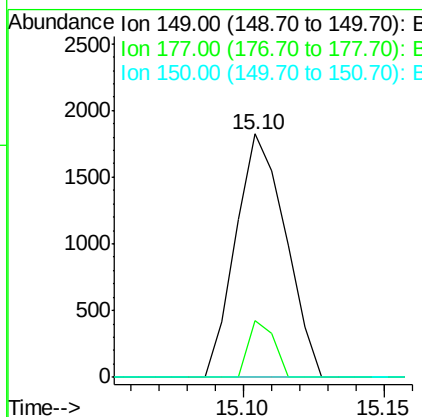
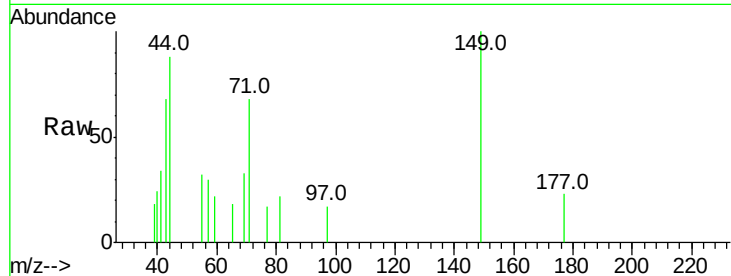




#59
Diethylphthalate
Concen: 0.098 ng
RT: 15.10 min Scan# 2060
Delta R.T. -0.02 min
Lab File: BN000719.D
Acq: 09 Apr 2018 20:52

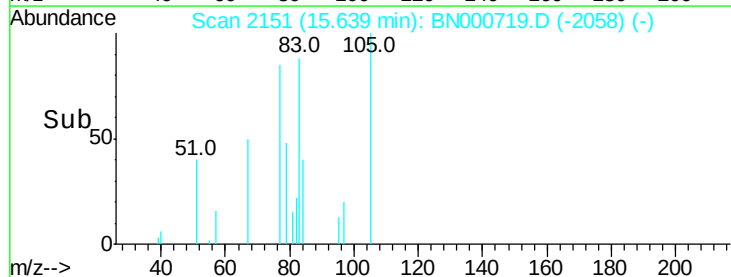
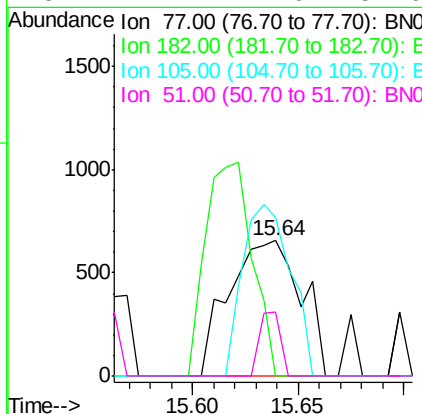
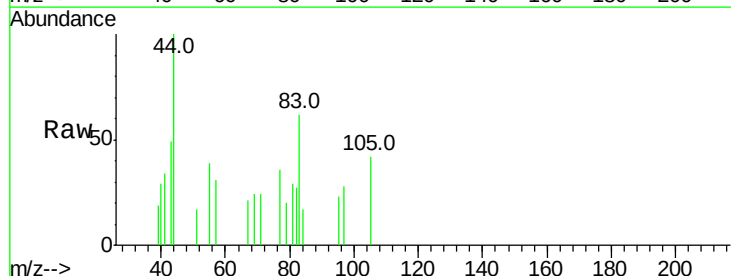
Instrument :
BNA_N
ClientSampled :

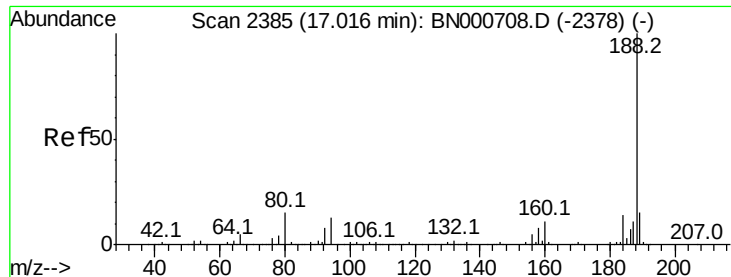
Tot Ion:149 Resp: 2241
Ion Ratio Lower Upper
149 100
177 23.1 18.5 27.7
150 0.0 10.2 15.2#



#62
Azobenzene
Concen: 0.062 ng
RT: 15.64 min Scan# 2151
Delta R.T. 0.02 min
Lab File: BN000719.D
Acq: 09 Apr 2018 20:52

Tgt Ion: 77 Resp: 1568
Ion Ratio Lower Upper
77 100
182 0.0 7.4 47.4#
105 117.1 0.3 40.3#
51 47.2 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: BN000719.D

Acq: 09 Apr 2018 20:52

Instrument :

BNA_N

ClientSampleId :

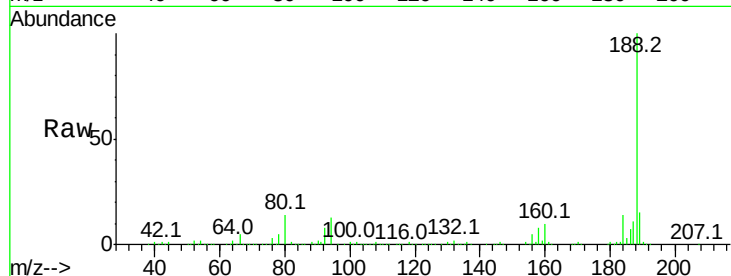
Tot Ion:188 Resp: 561785

Ion Ratio Lower Upper

188 100

94 13.5 6.9 10.3#

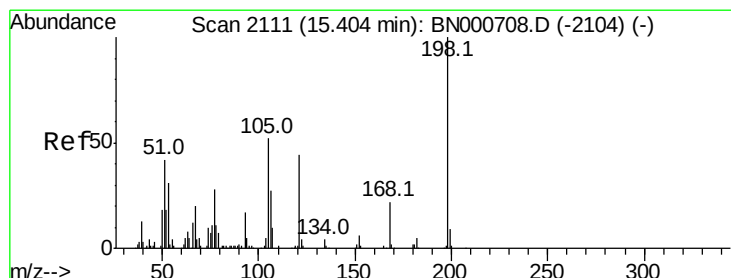
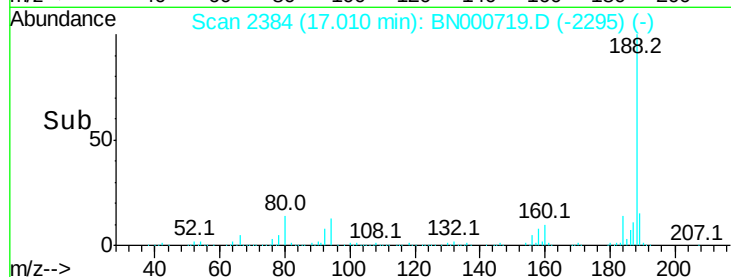
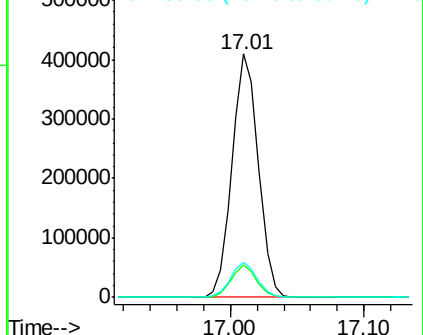
80 14.5 7.7 11.5#



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: 0.238 ng

RT: 15.75 min Scan# 2170

Delta R.T. 0.35 min

Lab File: BN000719.D

Acq: 09 Apr 2018 20:52

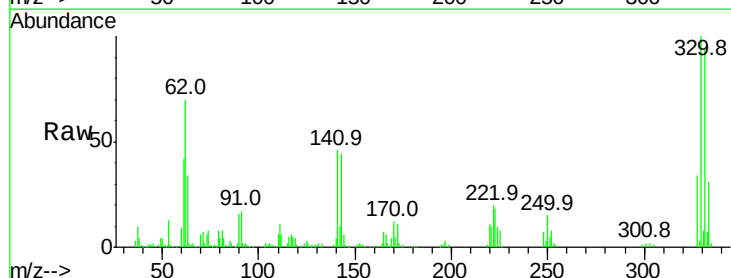
Tgt Ion:198 Resp: 798

Ion Ratio Lower Upper

198 100

51 169.3 30.6 70.6#

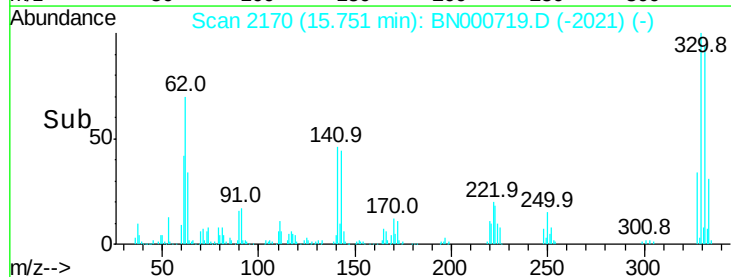
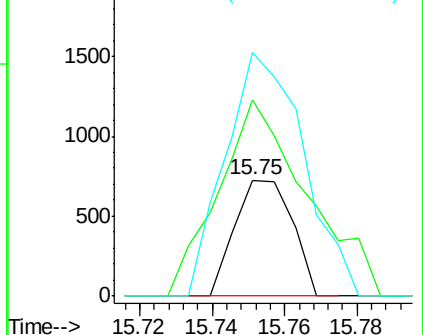
105 209.6 23.8 63.8#

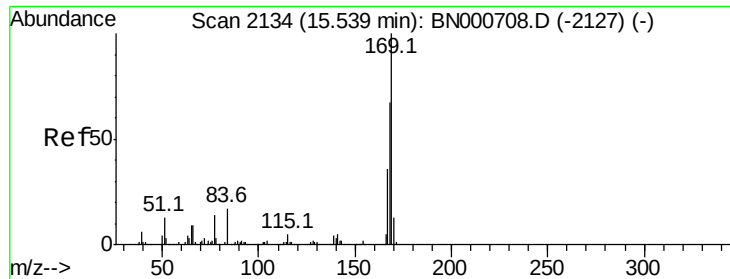


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

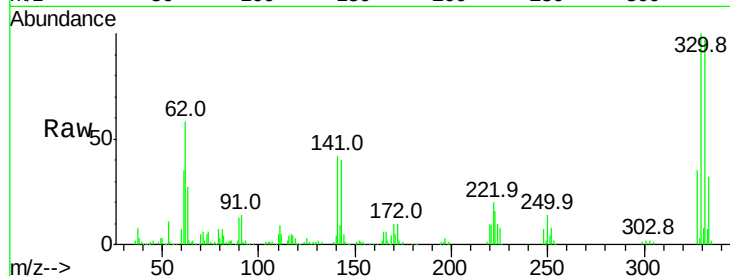




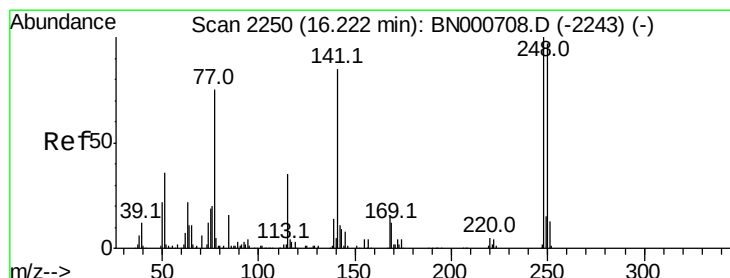
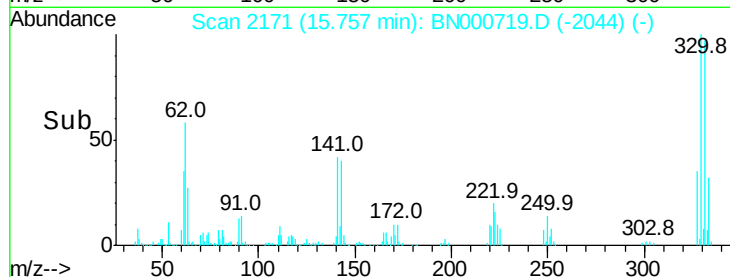
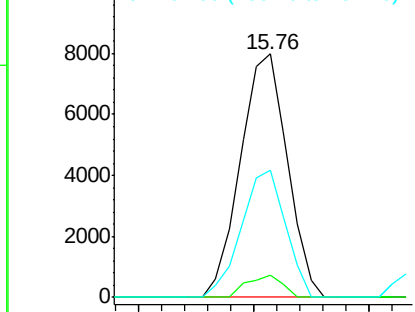
#65
 n-Nitrosodiphenylamine
 Concen: 0.603 ng
 RT: 15.76 min Scan# 2171
 Delta R.T. 0.22 min
 Lab File: BN000719.D
 Acq: 09 Apr 2018 20:52

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:169 Resp: 11299
 Ion Ratio Lower Upper
 169 100
 168 8.9 55.7 83.5#
 167 52.0 30.1 45.1#

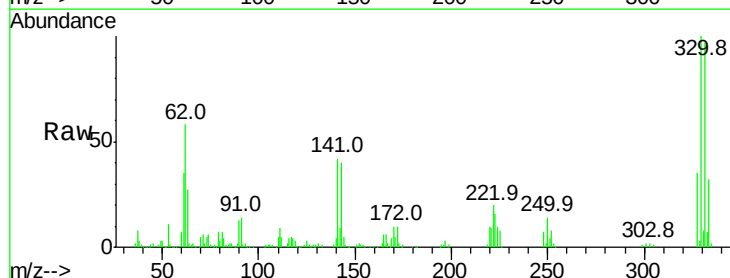


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

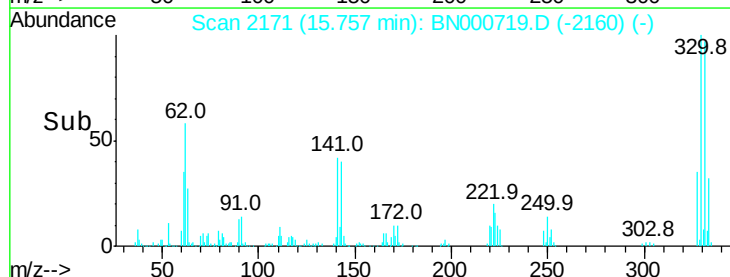
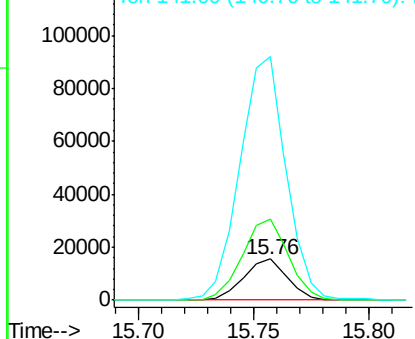


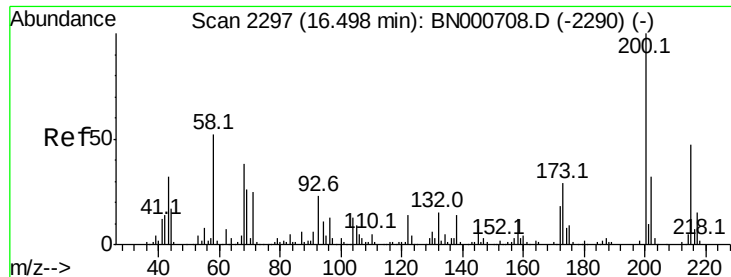
#66
 4-Bromophenyl-phenylether
 Concen: 3.668 ng
 RT: 15.76 min Scan# 2171
 Delta R.T. -0.46 min
 Lab File: BN000719.D
 Acq: 09 Apr 2018 20:52

Tgt Ion:248 Resp: 20605
 Ion Ratio Lower Upper
 248 100
 250 198.2 77.1 115.7#
 141 595.6 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

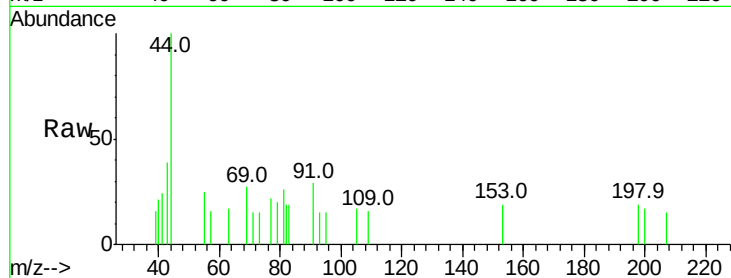




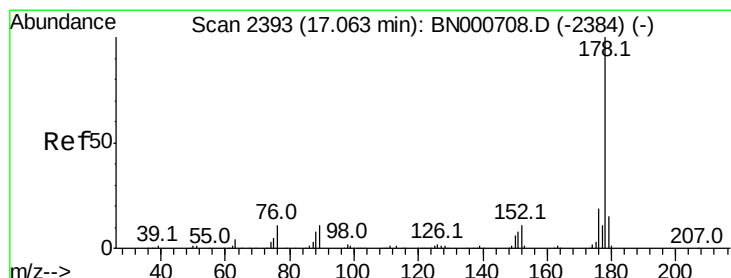
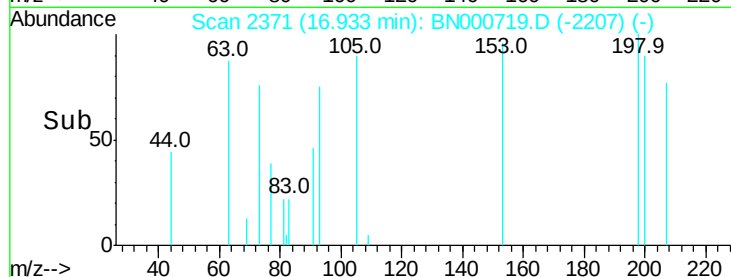
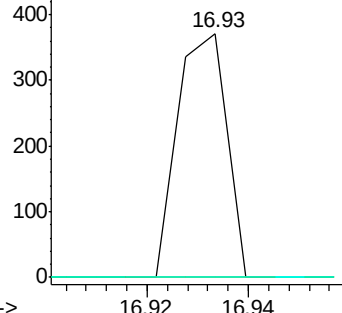
#68
 Atrazine
 Concen: 0.048 ng
 RT: 16.93 min Scan# 2371
 Delta R.T. 0.44 min
 Lab File: BN000719.D
 Acq: 09 Apr 2018 20:52

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:200 Resp: 249
 Ion Ratio Lower Upper
 200 100
 173 0.0 5.2 45.2#
 215 0.0 30.4 70.4#

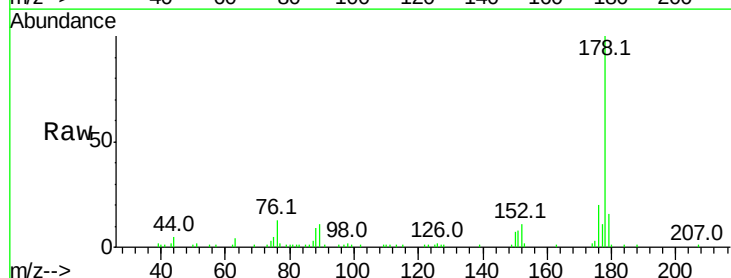


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

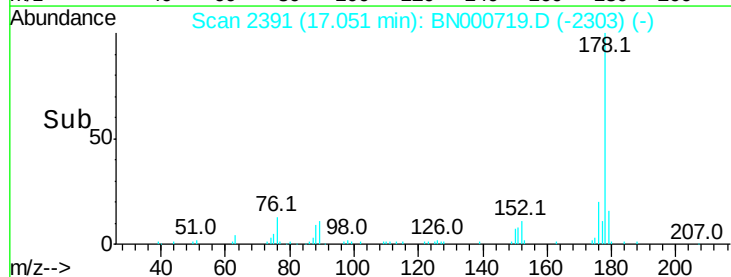
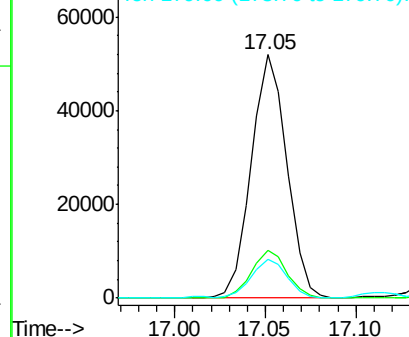


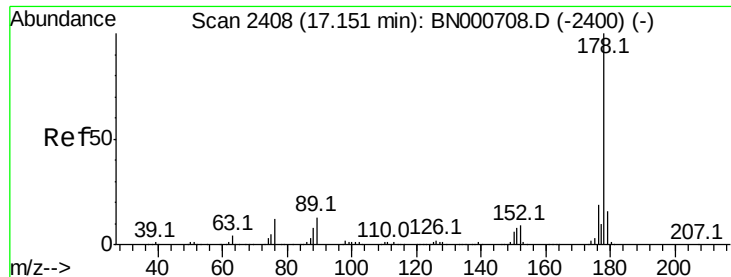
#70
 Phenanthrene
 Concen: 2.170 ng
 RT: 17.05 min Scan# 2391
 Delta R.T. -0.01 min
 Lab File: BN000719.D
 Acq: 09 Apr 2018 20:52

Tgt Ion:178 Resp: 70850
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.7 23.5
 179 15.8 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

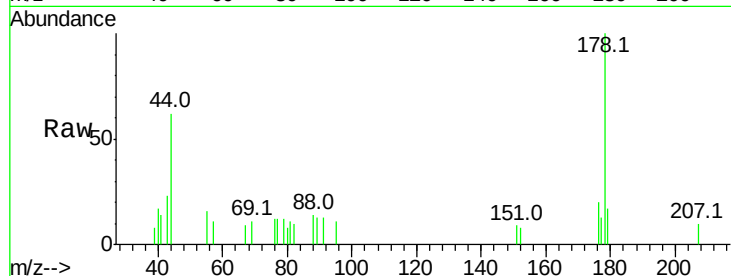




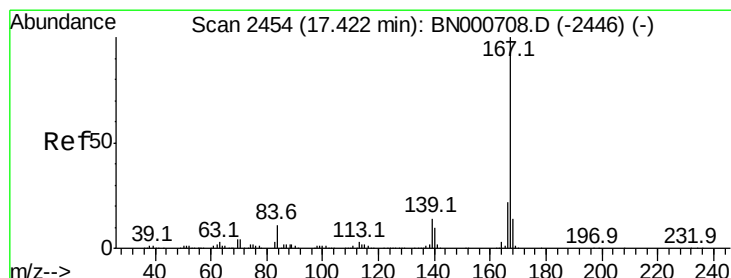
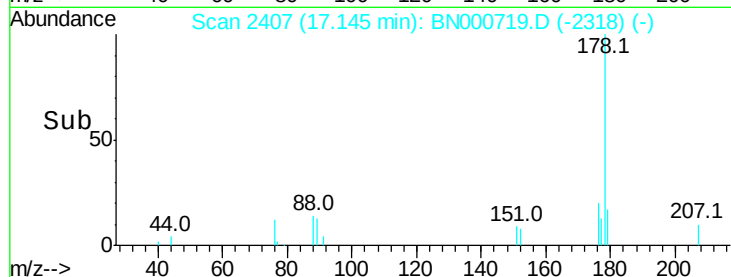
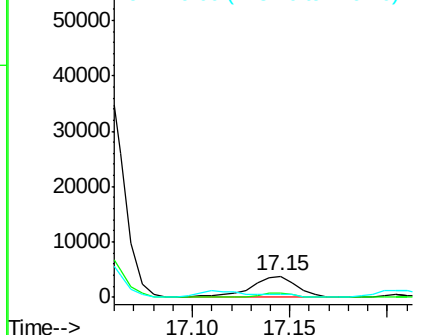
#71
 Anthracene
 Concen: 0.194 ng
 RT: 17.15 min Scan# 2407
 Delta R.T. -0.01 min
 Lab File: BN000719.D
 Acq: 09 Apr 2018 20:52

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:178 Resp: 6171
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.0 24.0
 179 16.5 12.5 18.7

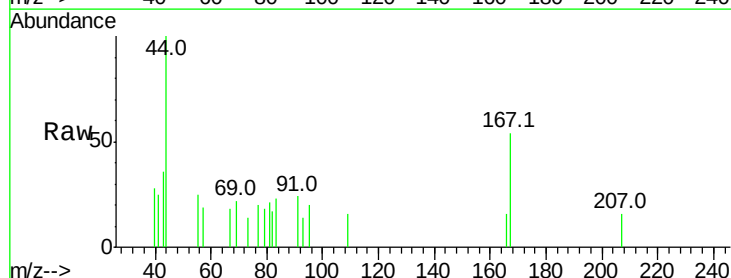


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

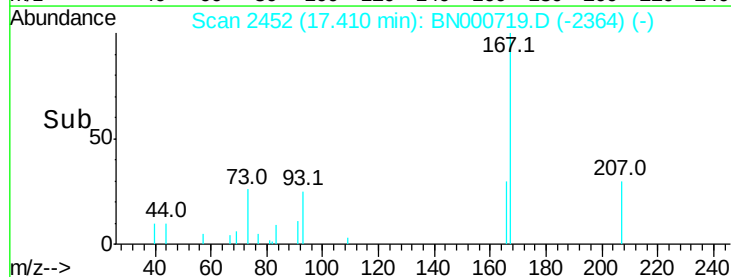
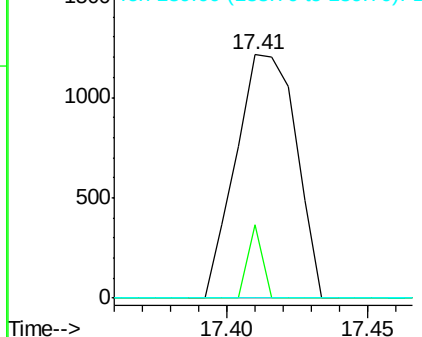


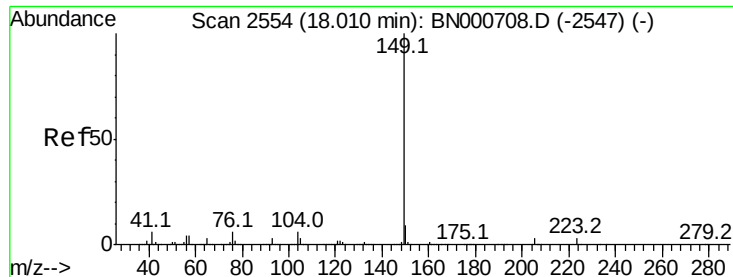
#72
 Carbazole
 Concen: 0.059 ng
 RT: 17.41 min Scan# 2452
 Delta R.T. -0.01 min
 Lab File: BN000719.D
 Acq: 09 Apr 2018 20:52

Tgt Ion:167 Resp: 1792
 Ion Ratio Lower Upper
 167 100
 166 30.0 18.2 27.4#
 139 0.0 9.4 14.2#



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 0.056 ng

RT: 18.00 min Scan# 2553

Delta R.T. -0.01 min

Lab File: BN000719.D

Acq: 09 Apr 2018 20:52

Instrument :

BNA_N

ClientSampleId :

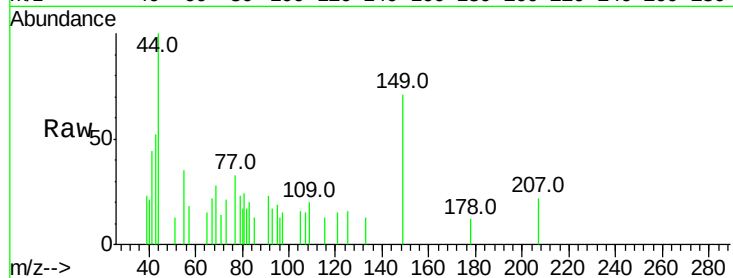
Tot Ion:149 Resp: 1968

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

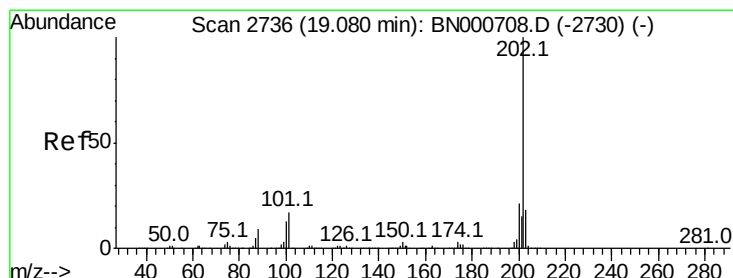
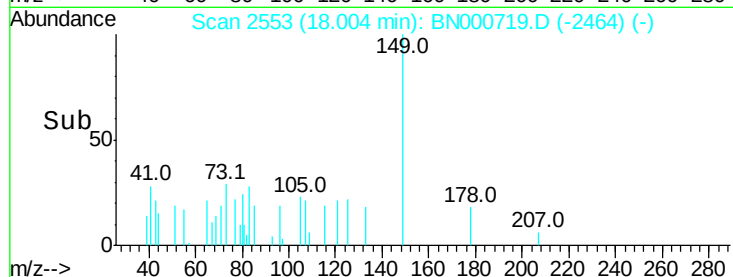
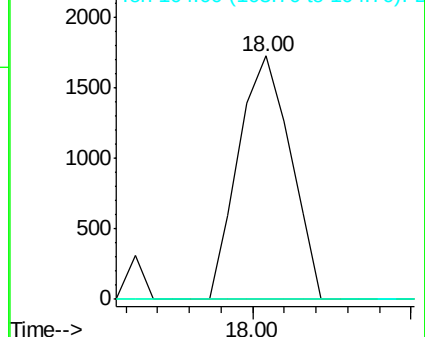
104 0.0 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 0.907 ng

RT: 19.07 min Scan# 2735

Delta R.T. -0.01 min

Lab File: BN000719.D

Acq: 09 Apr 2018 20:52

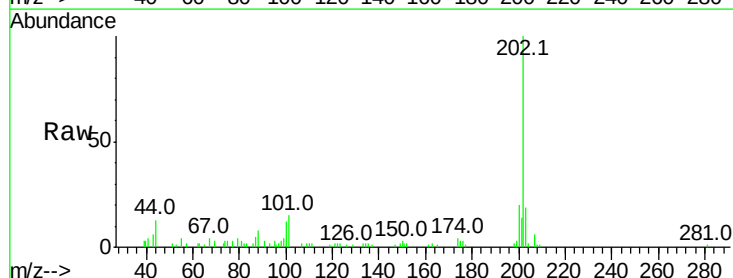
Tgt Ion:202 Resp: 29645

Ion Ratio Lower Upper

202 100

101 15.1 0.0 28.9

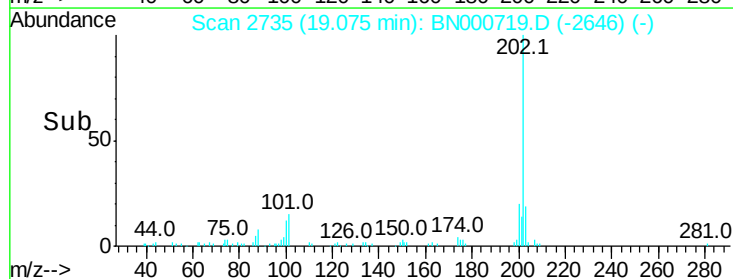
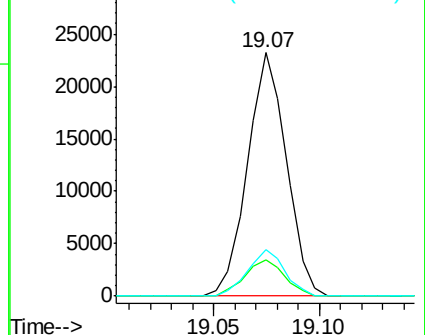
203 19.1 0.0 37.5

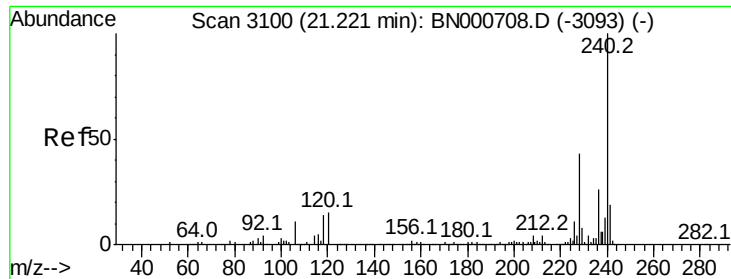


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN000719.D

Acq: 09 Apr 2018 20:52

Instrument :

BNA_N

ClientSampled :

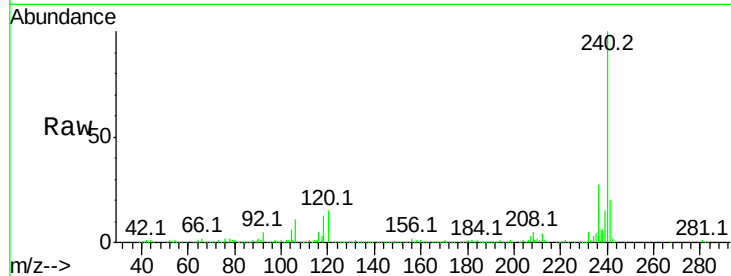
Tot Ion:240 Resp: 475486

Ion Ratio Lower Upper

240 100

120 15.4 6.8 10.2#

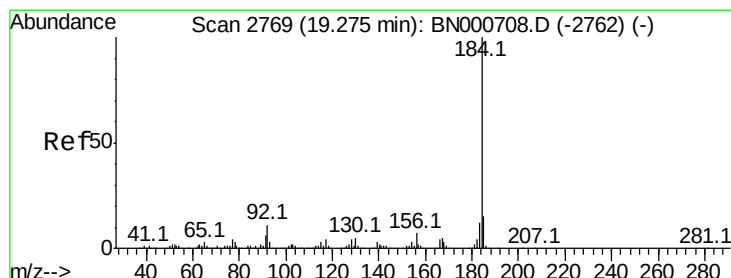
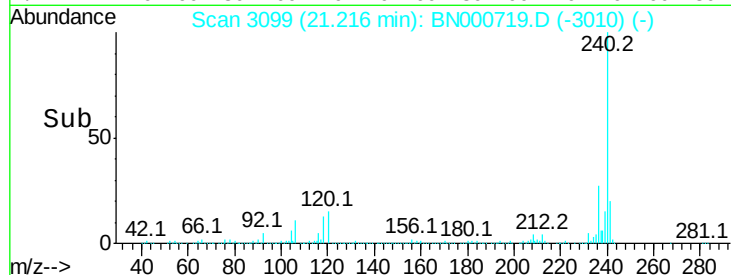
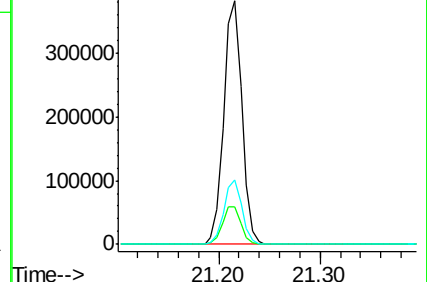
236 26.6 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 2.673 ng

RT: 19.66 min Scan# 2835

Delta R.T. 0.39 min

Lab File: BN000719.D

Acq: 09 Apr 2018 20:52

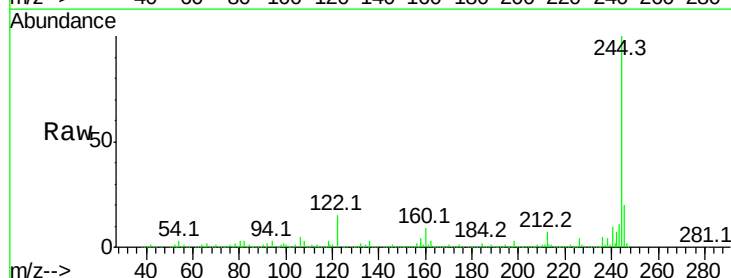
Tgt Ion:184 Resp: 34746

Ion Ratio Lower Upper

184 100

185 17.3 11.1 16.7#

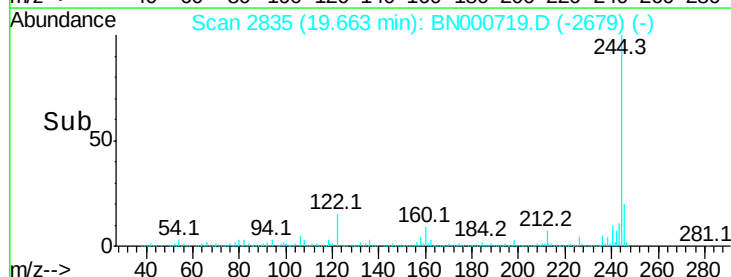
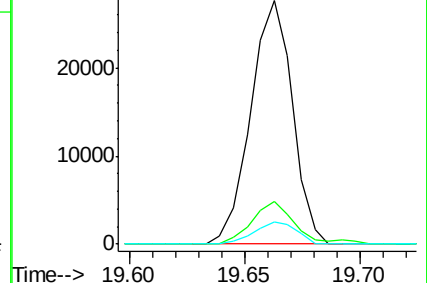
183 8.9 10.6 16.0#

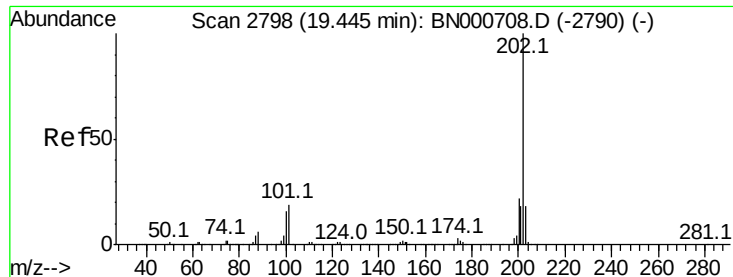


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 0.526 ng

RT: 19.44 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BN000719.D

Acq: 09 Apr 2018 20:52

Instrument :

BNA_N

ClientSampleId :

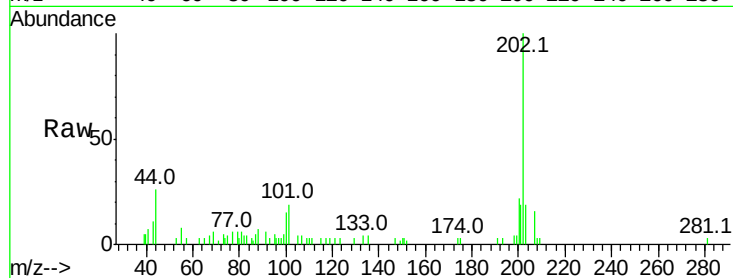
Tot Ion:202 Resp: 17871

Ion Ratio Lower Upper

202 100

200 22.2 16.9 25.3

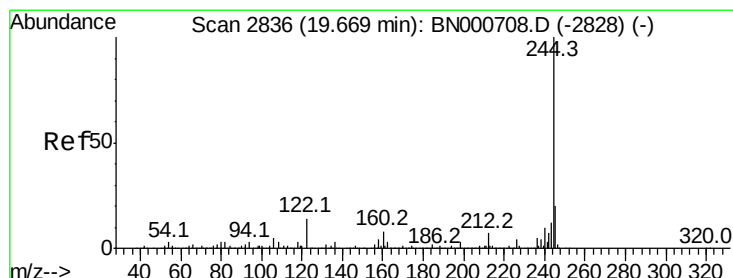
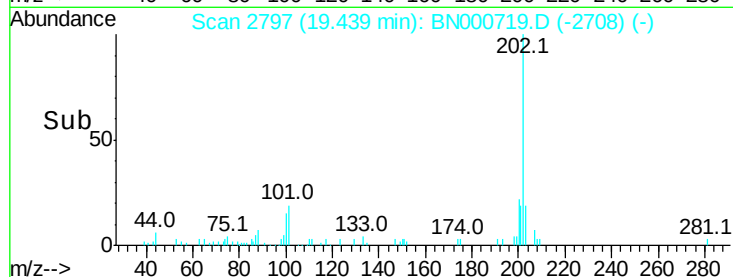
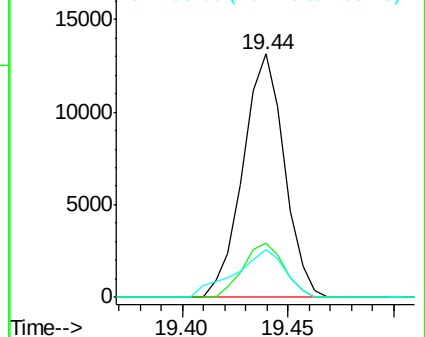
203 19.4 13.9 20.9



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: 102.355 ng

RT: 19.66 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BN000719.D

Acq: 09 Apr 2018 20:52

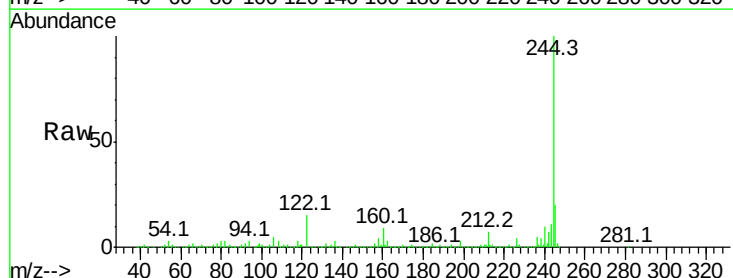
Tgt Ion:244 Resp: 2228163

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

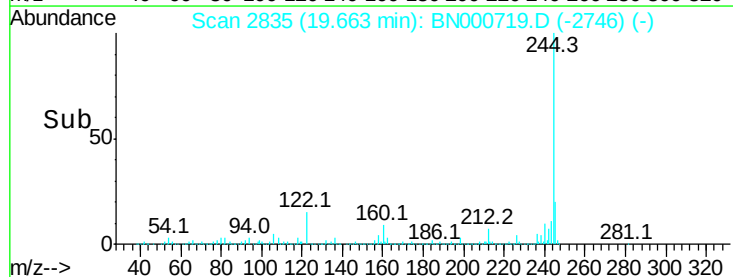
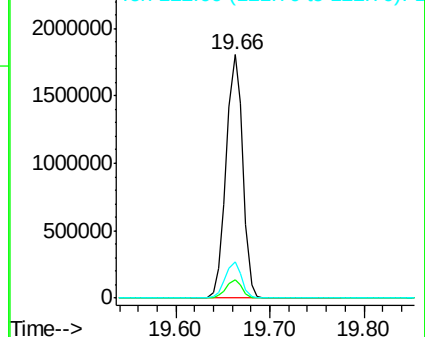
122 15.0 7.0 10.4#

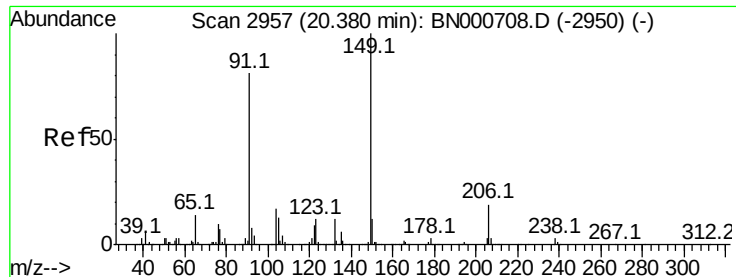


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 5.135 ng

RT: 20.37 min Scan# 2955

Delta R.T. -0.01 min

Lab File: BN000719.D

Acq: 09 Apr 2018 20:52

Instrument :

BNA_N

ClientSampleId :

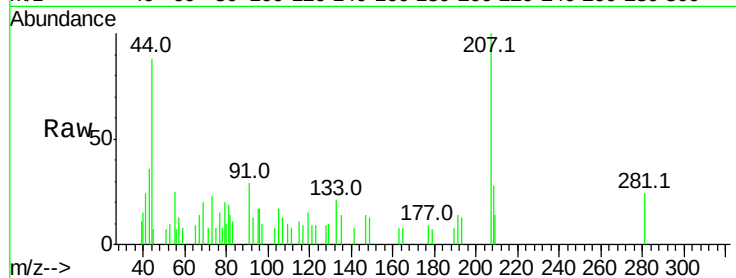
Tot Ion:149 Resp: 1251

Ion Ratio Lower Upper

149 100

91 221.3 62.2 93.2#

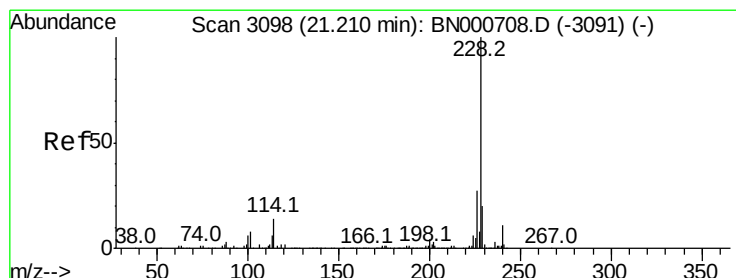
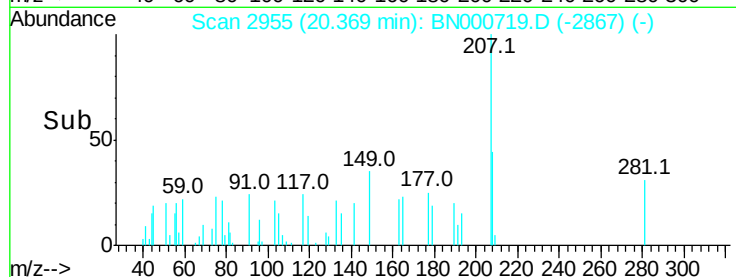
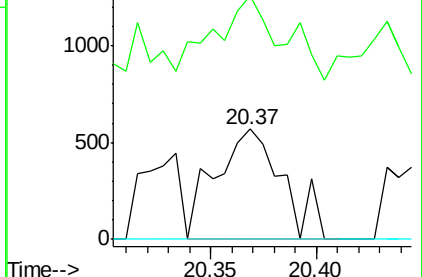
206 0.0 18.6 27.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BNO

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 0.197 ng

RT: 21.20 min Scan# 3096

Delta R.T. -0.01 min

Lab File: BN000719.D

Acq: 09 Apr 2018 20:52

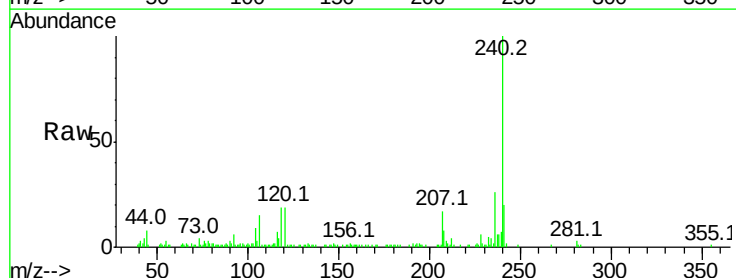
Tgt Ion:228 Resp: 5884

Ion Ratio Lower Upper

228 100

226 31.7 22.7 34.1

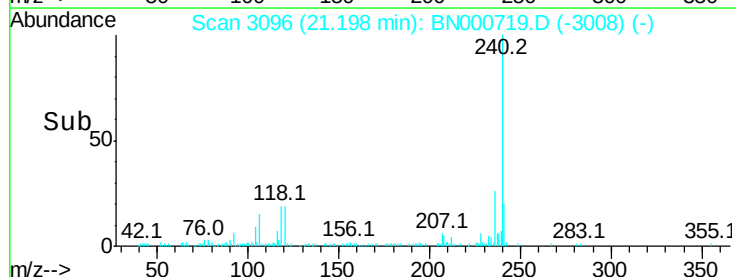
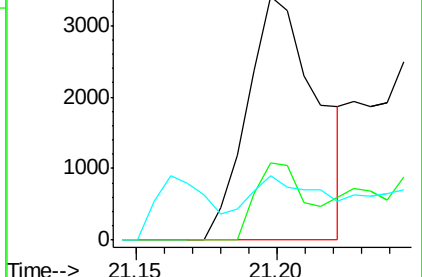
229 26.5 16.2 24.2#

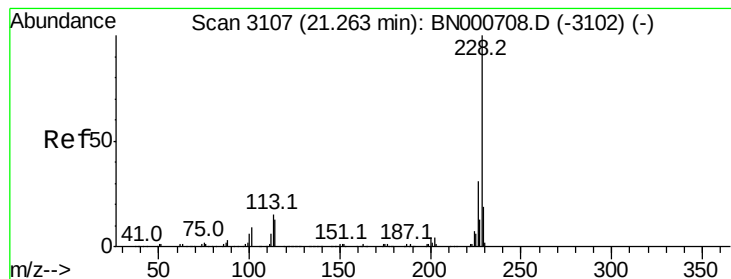


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 0.122 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BN000719.D

Acq: 09 Apr 2018 20:52

Instrument :

BNA_N

ClientSampleId :

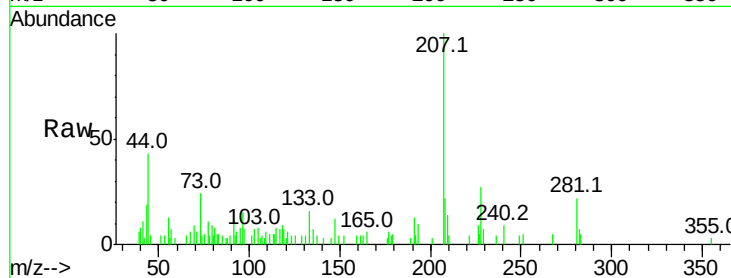
Tot Ion:228 Resp: 3551

Ion Ratio Lower Upper

228 100

226 32.7 24.9 37.3

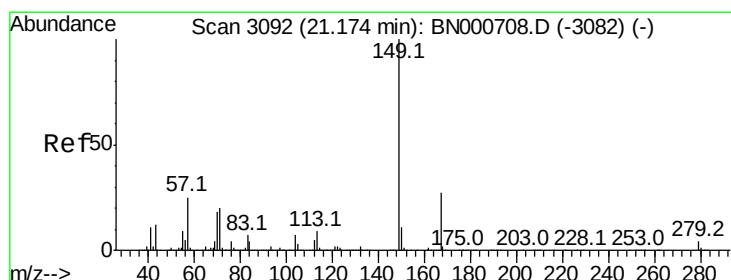
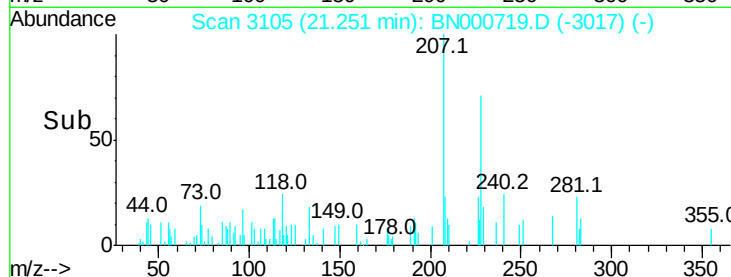
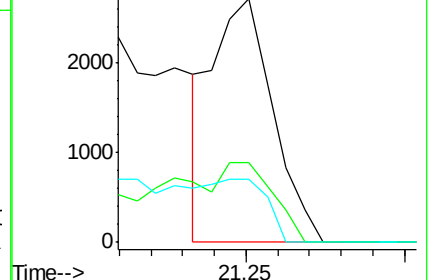
229 25.9 15.0 22.4#



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: 0.273 ng

RT: 21.16 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BN000719.D

Acq: 09 Apr 2018 20:52

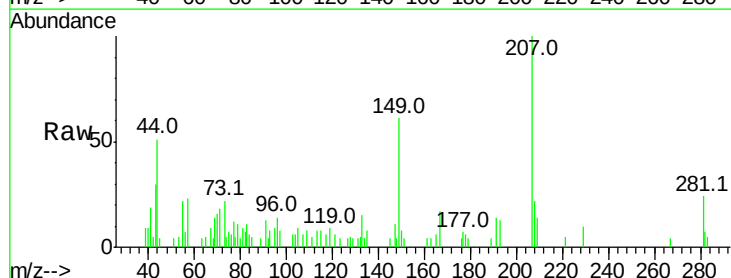
Tgt Ion:149 Resp: 5859

Ion Ratio Lower Upper

149 100

167 27.8 24.3 36.5

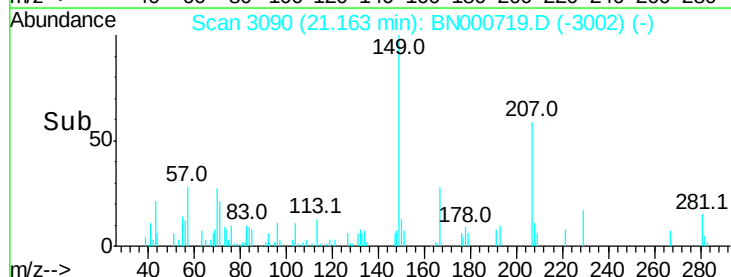
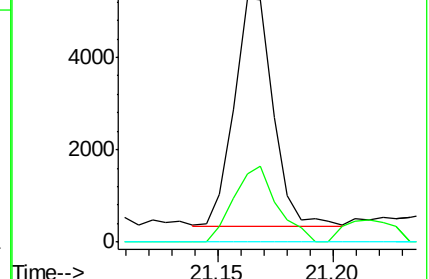
279 0.0 4.0 6.0#

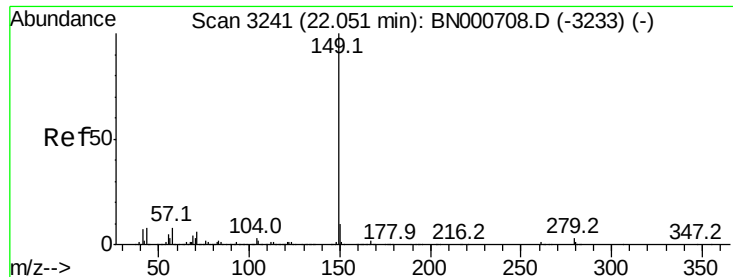


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

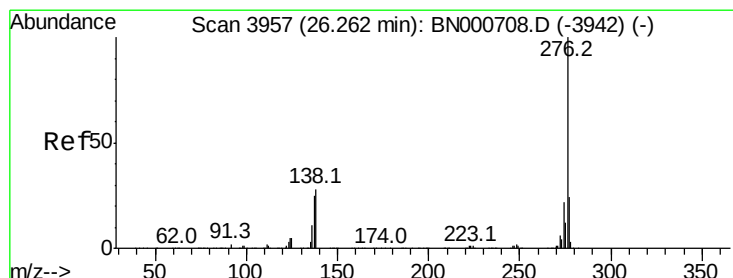
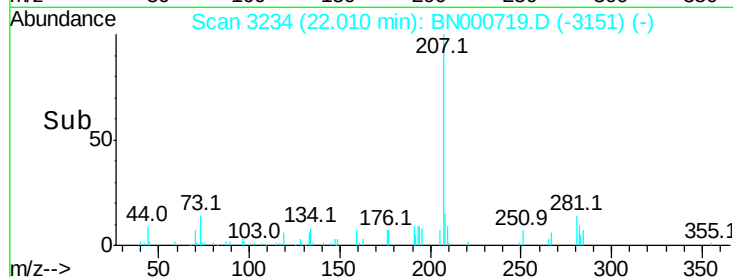
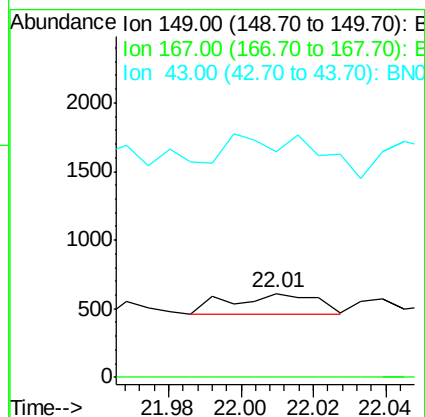
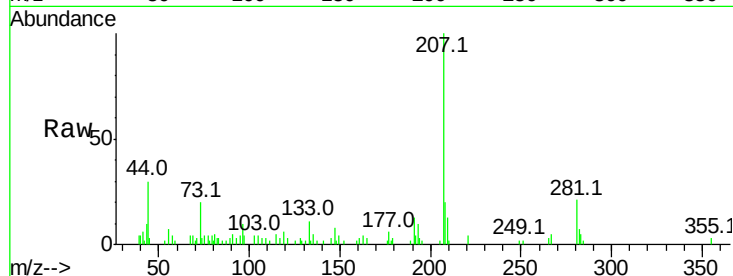




#84
Di-n-octyl phthalate
Concen: 0.008 ng
RT: 22.01 min Scan# 3234
Delta R.T. -0.04 min
Lab File: BN000719.D
Acq: 09 Apr 2018 20:52

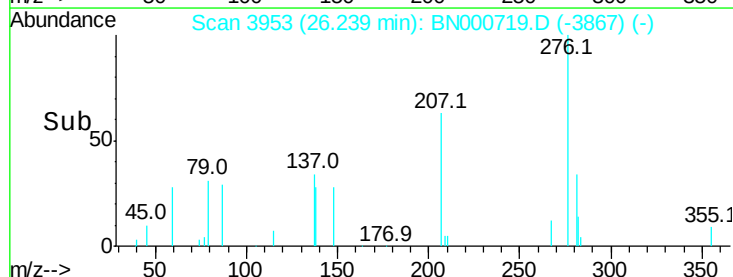
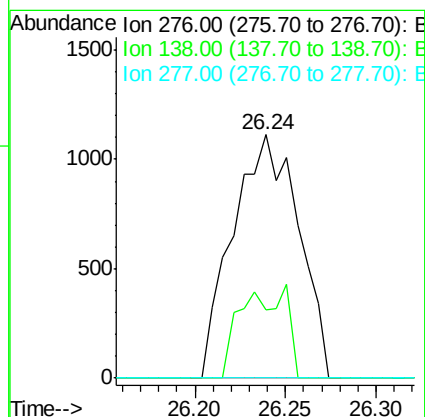
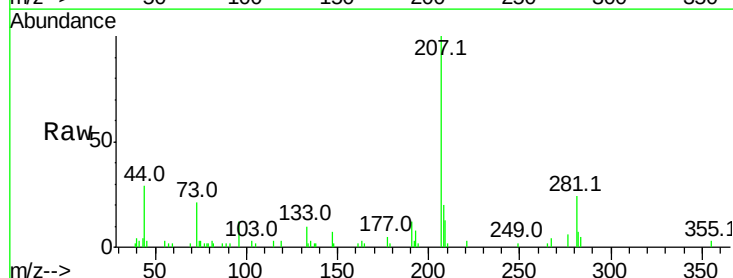
Instrument :
BNA_N
ClientSampleId :

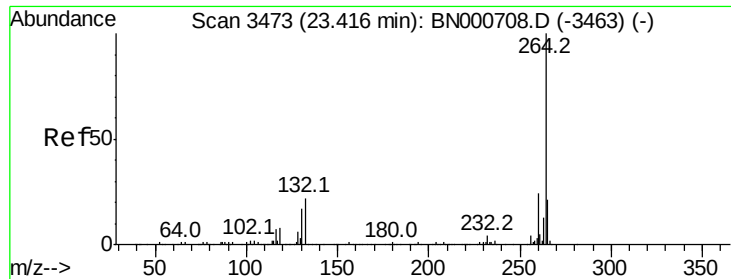
Tot Ion:149 Resp: 247
Ion Ratio Lower Upper
149 100
167 0.0 1.4 2.0#
43 209.3 8.9 13.3#



#85
Indeno(1,2,3-cd)pyrene
Concen: 0.113 ng
RT: 26.24 min Scan# 3953
Delta R.T. -0.02 min
Lab File: BN000719.D
Acq: 09 Apr 2018 20:52

Tgt Ion:276 Resp: 2813
Ion Ratio Lower Upper
276 100
138 26.1 16.0 24.0#
277 0.0 20.0 30.0#



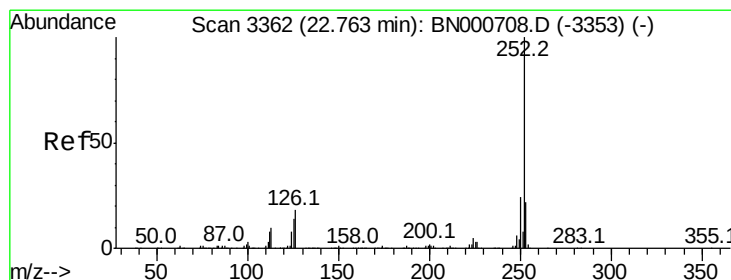
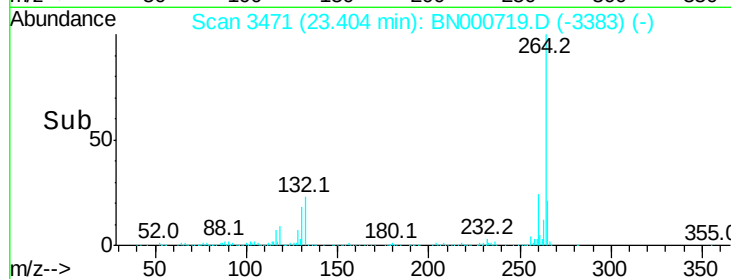
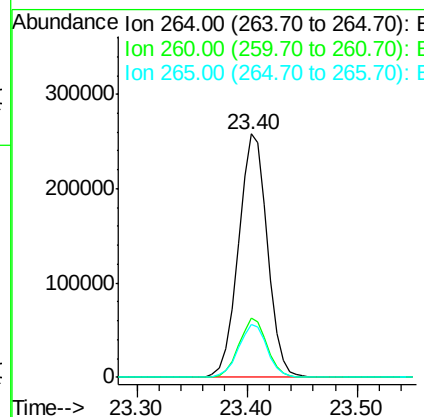
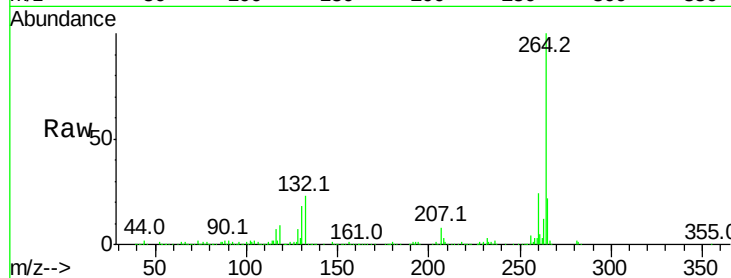


#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.40 min Scan# 3471
Delta R.T. -0.01 min
Lab File: BN000719.D
Acq: 09 Apr 2018 20:52

Instrument :
BNA_N
ClientSampleId :

Tot Ion:264 Resp: 474332

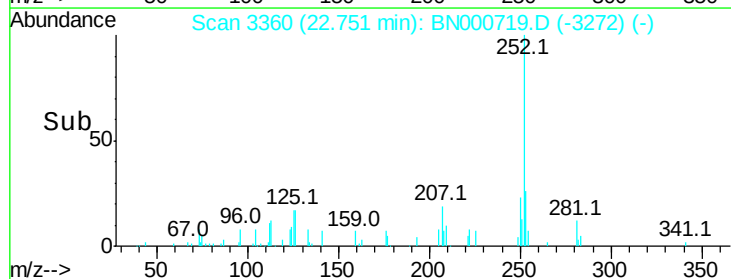
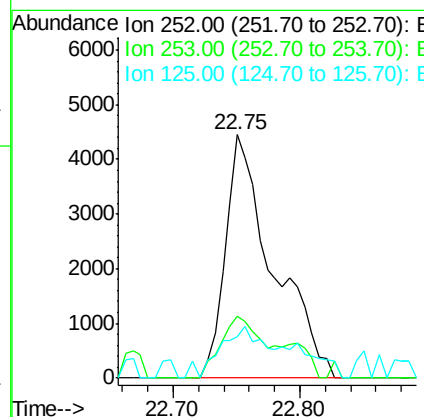
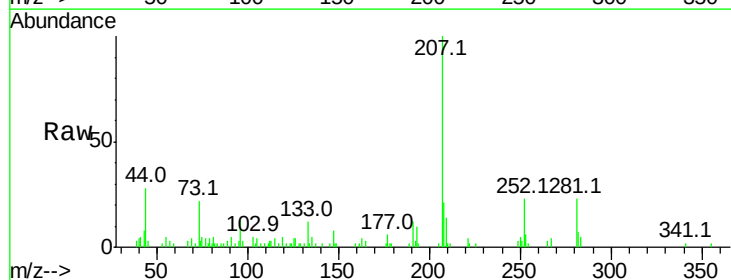
Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.0
265	21.5	17.7	26.5

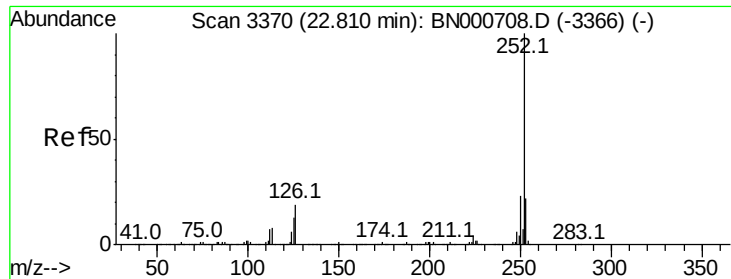


#87
Benzo(b)fluoranthene
Concen: 0.401 ng
RT: 22.75 min Scan# 3360
Delta R.T. -0.01 min
Lab File: BN000719.D
Acq: 09 Apr 2018 20:52

Tgt Ion:252 Resp: 11530

Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.2	27.4
125	17.1	7.2	10.8

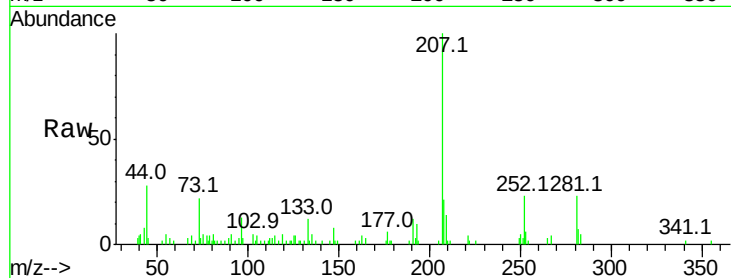




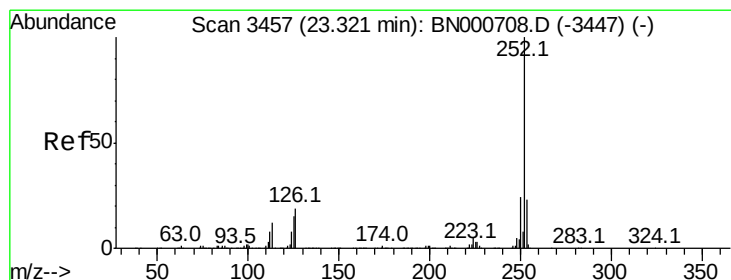
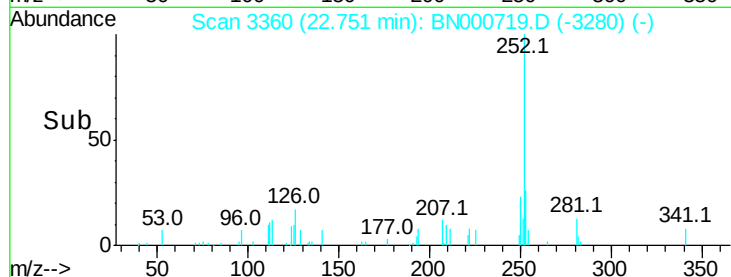
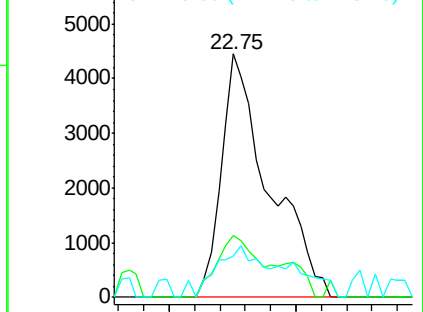
#88
Benzo(k)fluoranthene
Concen: 0.399 ng
RT: 22.75 min Scan# 3360
Delta R.T. -0.06 min
Lab File: BN000719.D
Acq: 09 Apr 2018 20:52

Instrument :
BNA_N
ClientSampleId :

Tot Ion:252 Resp: 11530
Ion Ratio Lower Upper
252 100
253 25.6 17.4 26.2
125 17.1 6.6 9.8#

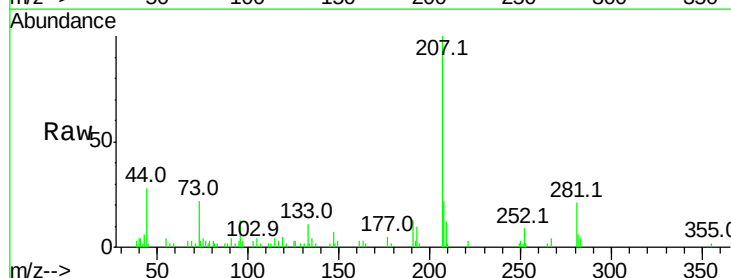


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

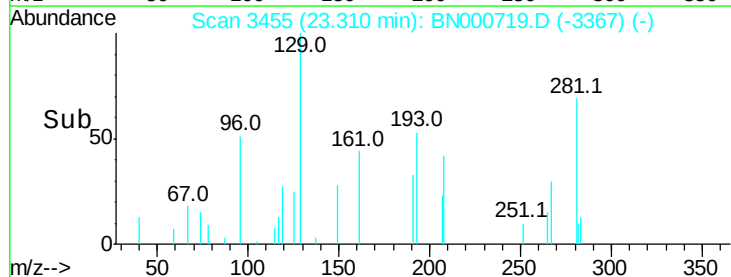
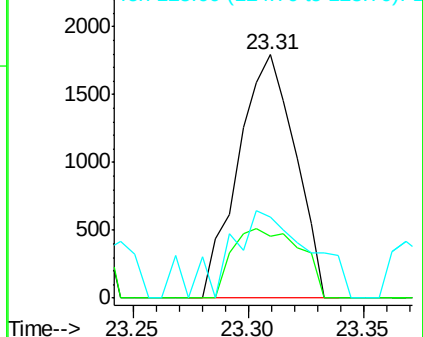


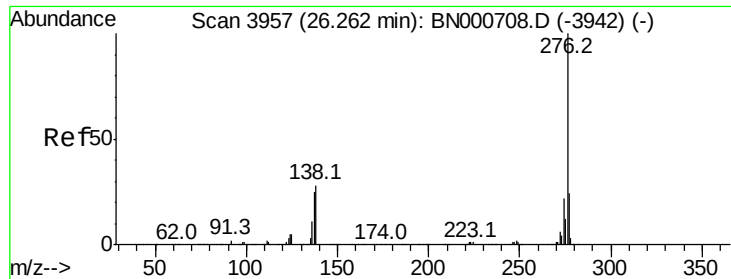
#89
Benzo(a)pyrene
Concen: 0.117 ng
RT: 23.31 min Scan# 3455
Delta R.T. -0.01 min
Lab File: BN000719.D
Acq: 09 Apr 2018 20:52

Tgt Ion:252 Resp: 3079
Ion Ratio Lower Upper
252 100
253 25.6 18.3 27.5
125 33.4 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





#91

Benzo(a,h,i)perylene

Concen: 0.112 ng

RT: 26.24 min Scan# 3953

Delta R.T. -0.02 min

Lab File: BN000719.D

Acq: 09 Apr 2018 20:52

Instrument :

BNA_N

ClientSampleId :

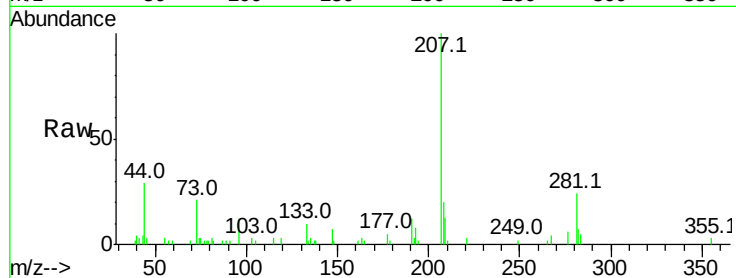
Tot Ion:276 Resp: 2813

Ion Ratio Lower Upper

276 100

277 0.0 18.3 27.5#

138 28.3 13.9 20.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

