

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040919\
 Data File : BN005120.D
 Acq On : 09 Apr 2019 19:38
 Operator : JU/SJ
 Sample : K2316-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 10 01:16:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN032619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 27 05:27:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	8493	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	35266	20.00	ng	-0.03
39) Acenaphthene-d10	14.30	164	20399	20.00	ng	-0.03
64) Phenanthrene-d10	17.05	188	44529	20.00	ng	-0.02
76) Chrysene-d12	21.26	240	44553	20.00	ng	-0.02
87) Perylene-d12	23.49	264	41121	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	28681	58.39	ng	-0.03
7) Phenol-d6	6.83	99	22687	34.82	ng	-0.03
23) Nitrobenzene-d5	8.82	82	50701	86.97	ng	-0.03
42) 2,4,6-Tribromophenol	15.80	330	50463	153.38	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	139437	90.58	ng	-0.02
79) Terphenyl-d14	19.69	244	214680	92.77	ng	-0.02

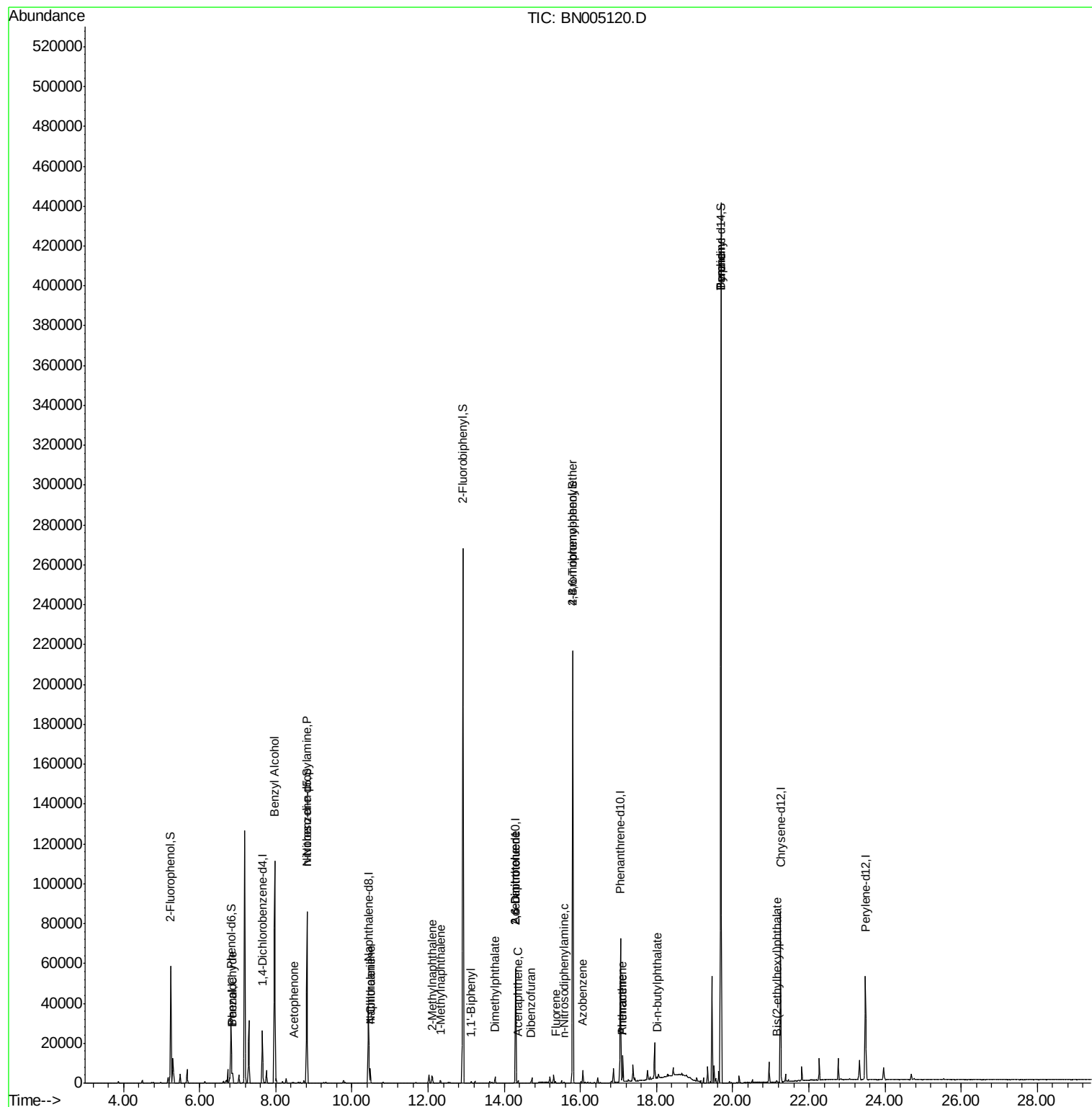
Target Compounds				Qvalue		
9) Benzaldehyde	6.87	77	224	0.598	ng	# 1
10) Phenol	6.85	94	2617	3.748	ng	# 96
15) Benzyl Alcohol	7.96	79	616	1.243	ng	# 21
19) n-Nitroso-di-n-propylamine	8.82	70	6560	15.358	ng	# 73
22) Acetophenone	8.48	105	216	0.268	ng	# 53
31) Naphthalene	10.48	128	7993	4.344	ng	# 99
33) 4-Chloroaniline	10.48	127	807	1.078	ng	# 33
37) 2-Methylnaphthalene	12.10	142	1879	1.446	ng	# 76
38) 1-Methylnaphthalene	12.32	142	1078	0.848	ng	# 99
46) 1,1'-Biphenyl	13.13	154	436	0.253	ng	# 42
50) Dimethylphthalate	13.76	163	3510	2.094	ng	# 77
51) 2,6-Dinitrotoluene	14.30	165	2617	6.862	ng	# 29
52) Acenaphthene	14.36	154	546	0.436	ng	# 75
55) Dibenzofuran	14.70	168	469	0.235	ng	# 45
57) 2,4-Dinitrotoluene	14.30	165	2617	5.050	ng	# 27
58) Fluorene	15.35	166	493	0.306	ng	# 95
63) Azobenzene	16.06	77	251	0.180	ng	# 48
66) n-Nitrosodiphenylamine	15.57	169	222	0.158	ng	# 24
67) 4-Bromophenyl-phenvlether	15.80	248	3033	5.458	ng	# 1
71) Phenanthrene	17.09	178	1501	0.600	ng	# 60
72) Anthracene	17.09	178	1501	0.603	ng	# 61
74) Di-n-butylphthalate	18.01	149	678	0.246	ng	# 78
77) Benzidine	19.69	184	2513	1.810	ng	# 80
78) Pyrene	19.69	202	502	0.169	ng	# 57
84) Bis(2-ethylhexyl)phthalate	21.16	149	567	0.339	ng	# 53

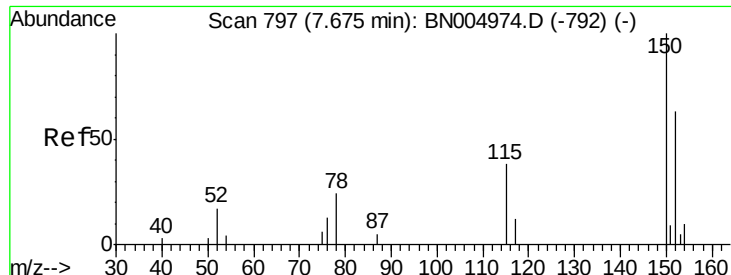
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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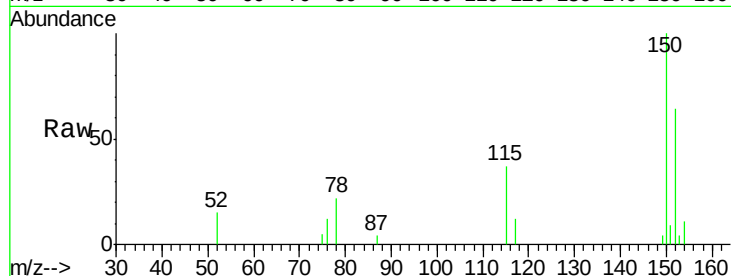


#1

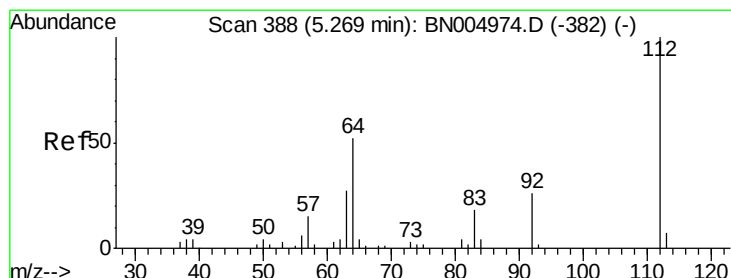
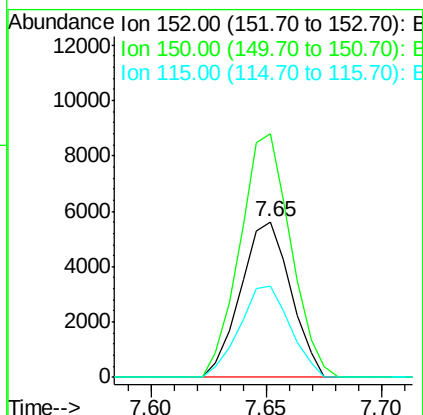
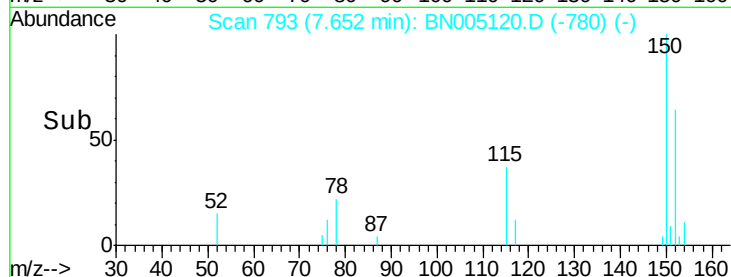
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BN005120.D
Acq: 09 Apr 2019 19:38

Instrument :
BNA_N
ClientSampled :

Tot Ion:152 Resp: 8493
Ion Ratio Lower Upper
152 100
150 156.3 126.9 190.3
115 58.4 47.8 71.6



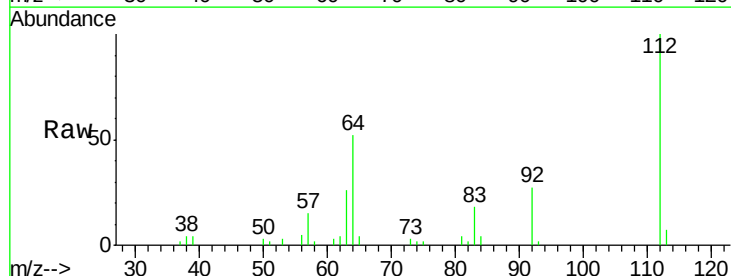
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



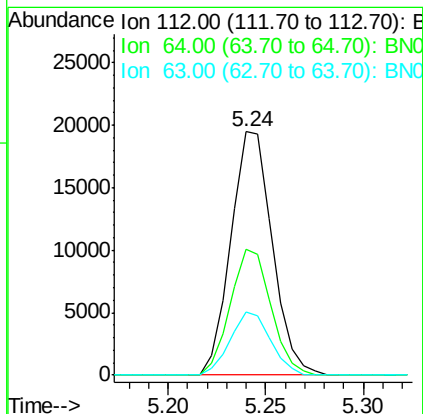
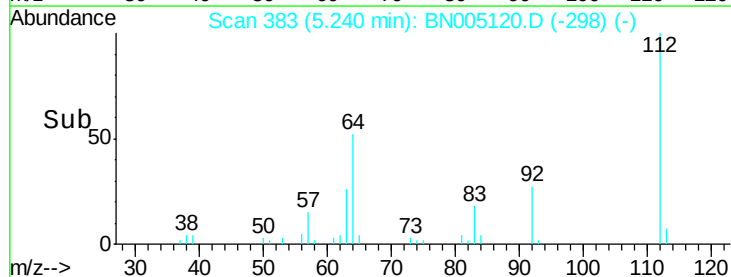
#5

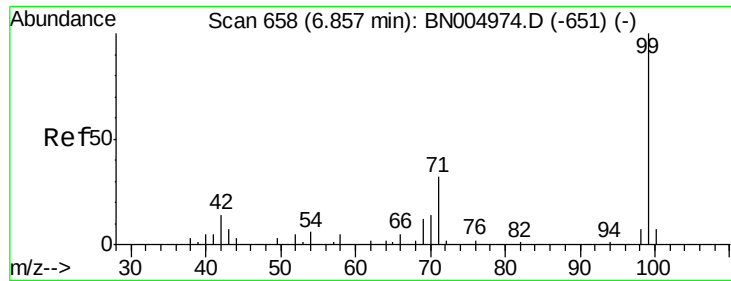
2-Fluorophenol
Concen: 58.385 ng
RT: 5.24 min Scan# 383
Delta R.T. -0.03 min
Lab File: BN005120.D
Acq: 09 Apr 2019 19:38

Tgt Ion:112 Resp: 28681
Ion Ratio Lower Upper
112 100
64 51.9 41.9 62.9
63 25.9 21.4 32.0



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





#7

Phenol-d6

Concen: 34.820 ng

RT: 6.83 min Scan# 653

Delta R.T. -0.03 min

Lab File: BN005120.D

Acq: 09 Apr 2019 19:38

Instrument :

BNA_N

ClientSampleId :

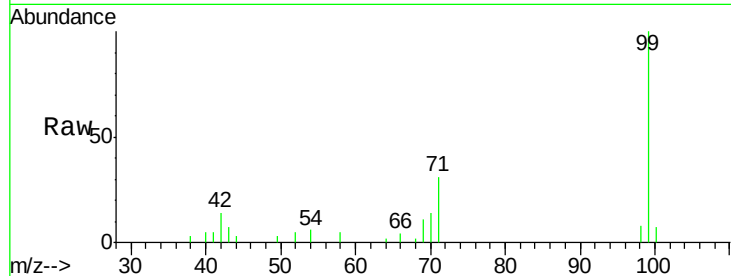
Tot Ion: 99 Resp: 22687

Ion Ratio Lower Upper

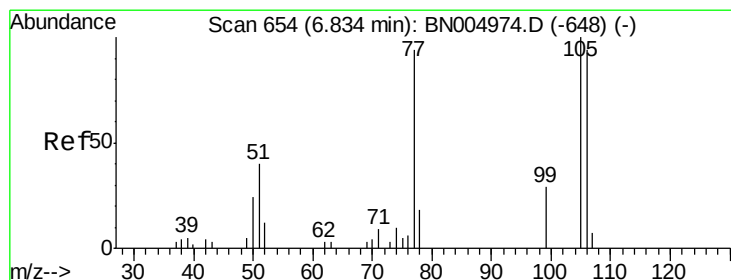
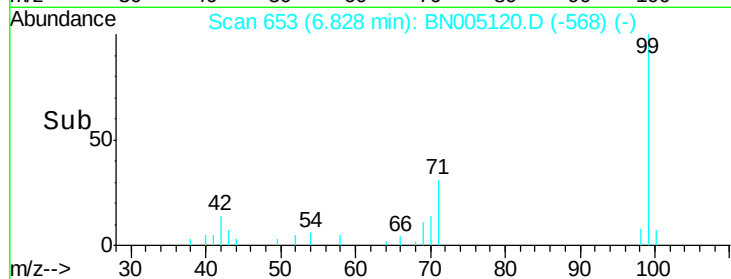
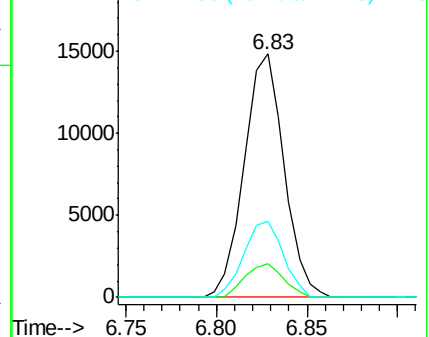
99 100

42 13.6 11.4 17.0

71 31.1 25.8 38.8



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: 0.598 ng

RT: 6.87 min Scan# 660

Delta R.T. 0.04 min

Lab File: BN005120.D

Acq: 09 Apr 2019 19:38

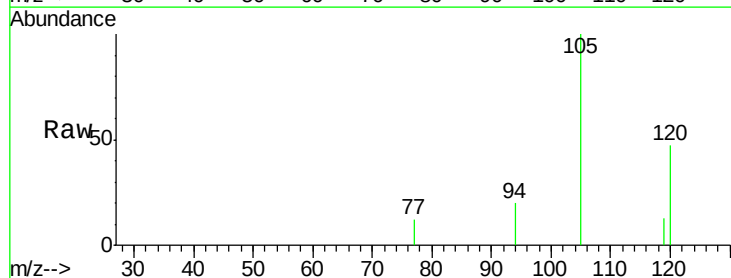
Tgt Ion: 77 Resp: 224

Ion Ratio Lower Upper

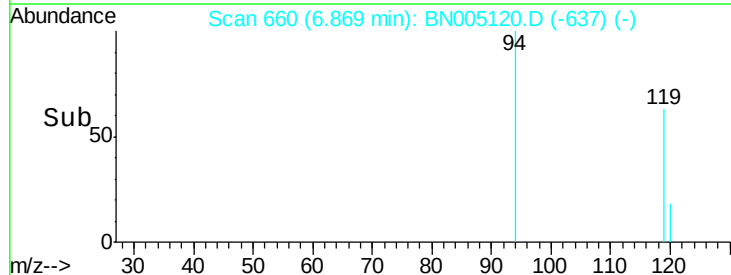
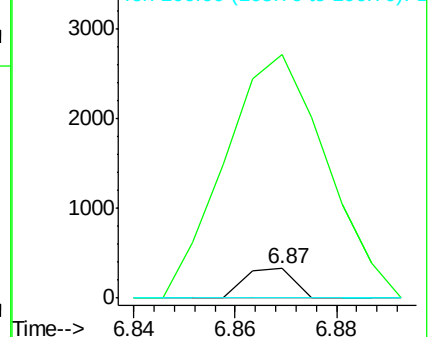
77 100

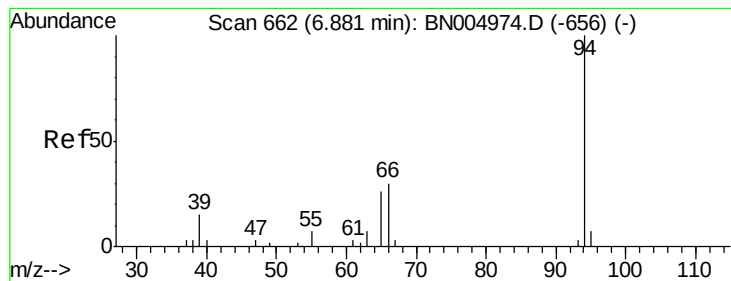
105 825.2 86.1 126.1#

106 0.0 79.9 119.9#



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: 3.748 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.03 min

Lab File: BN005120.D

Acq: 09 Apr 2019 19:38

Instrument :

BNA_N

ClientSampled :

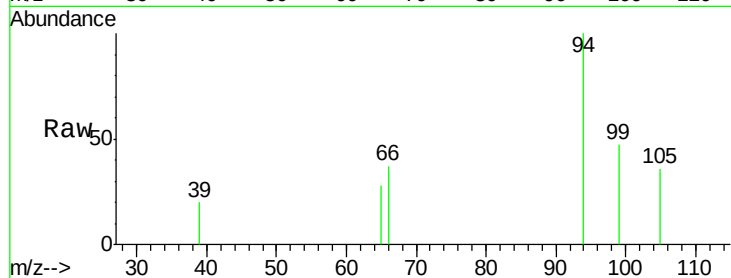
Tot Ion: 94 Resp: 2617

Ion Ratio Lower Upper

94 100

65 28.2 5.7 45.7

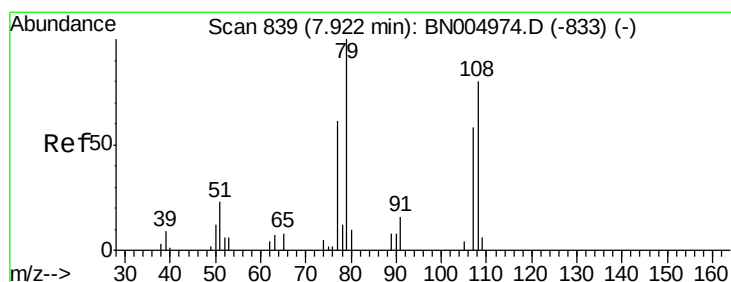
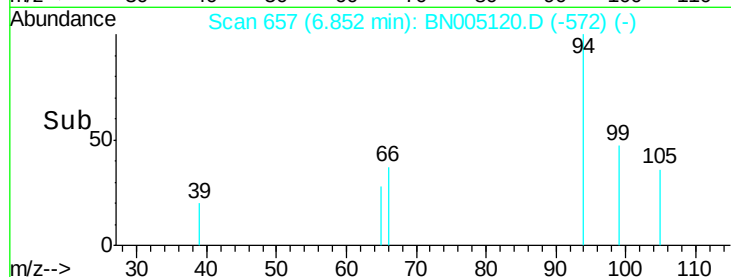
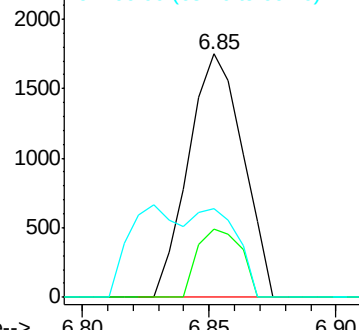
66 36.5 14.8 54.8



Abundance Ion 94.00 (93.70 to 94.70): BN004974.D (-656) (-)

Ion 65.00 (64.70 to 65.70): BN004974.D (-656) (-)

Ion 66.00 (65.70 to 66.70): BN004974.D (-656) (-)



#15

Benzyl Alcohol

Concen: 1.243 ng

RT: 7.96 min Scan# 846

Delta R.T. 0.04 min

Lab File: BN005120.D

Acq: 09 Apr 2019 19:38

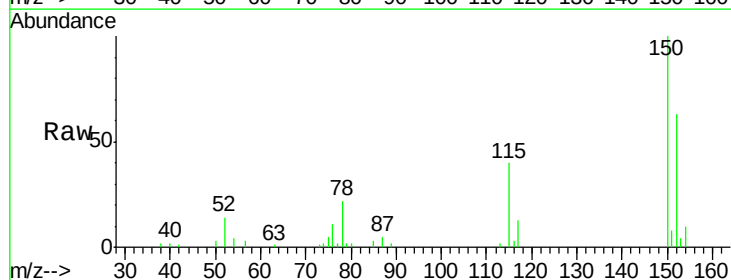
Tgt Ion: 79 Resp: 616

Ion Ratio Lower Upper

79 100

108 0.0 64.0 96.0#

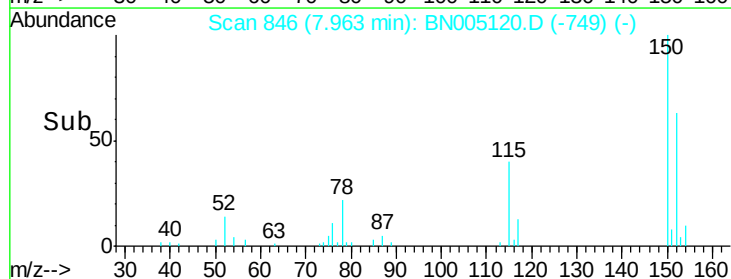
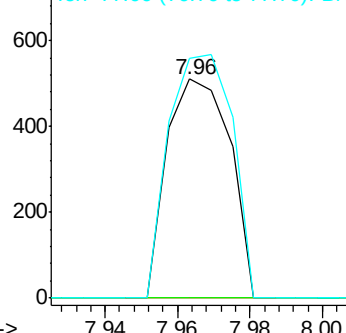
77 109.4 48.8 73.2#

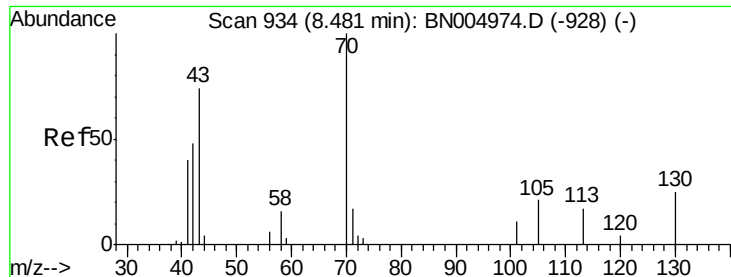


Abundance Ion 79.00 (78.70 to 79.70): BN004974.D (-833) (-)

Ion 108.00 (107.70 to 108.70): BN004974.D (-833) (-)

Ion 77.00 (76.70 to 77.70): BN004974.D (-833) (-)

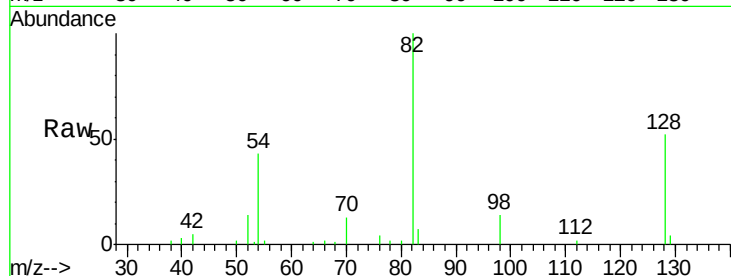




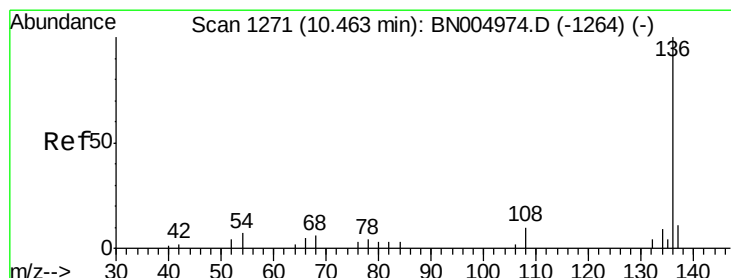
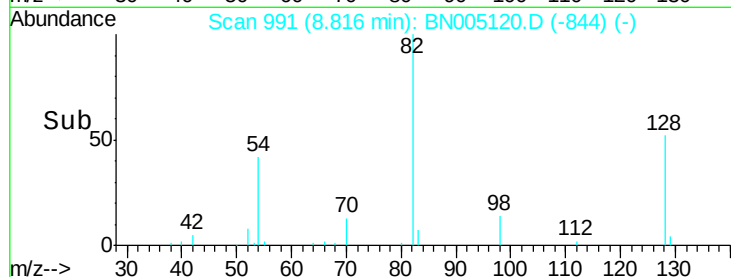
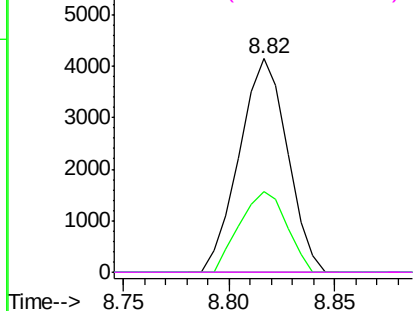
#19
n-Nitroso-di-n-propylamine
Concen: 15.358 ng
RT: 8.82 min Scan# 991
Delta R.T. 0.34 min
Lab File: BN005120.D
Acq: 09 Apr 2019 19:38

Instrument :
BNA_N
ClientSampleId :

Tot Ion: 70 Resp: 6560
Ion Ratio Lower Upper
70 100
42 37.7 38.4 57.6#
101 0.0 8.8 13.2#
130 0.0 19.8 29.8#

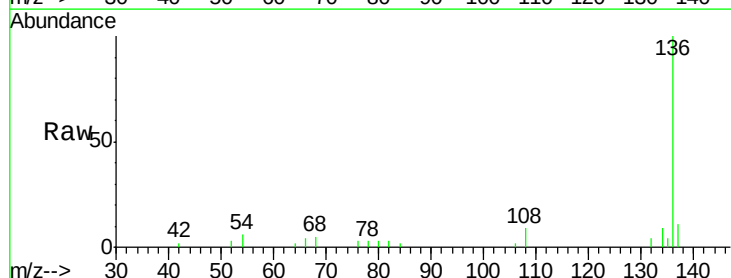


Abundance Ion 70.00 (69.70 to 70.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

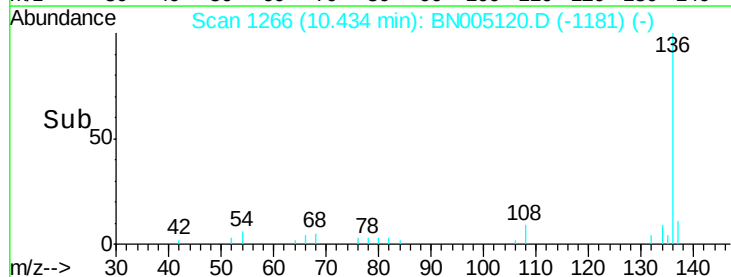
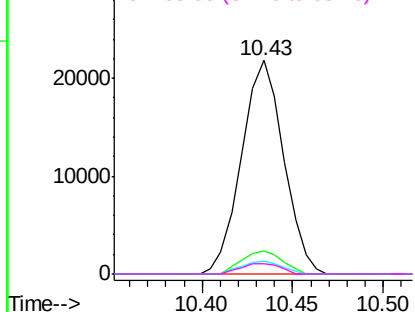


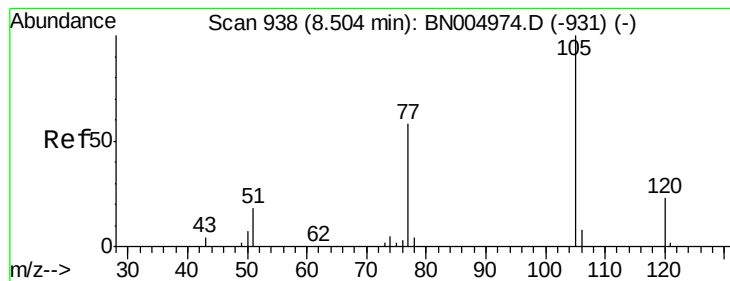
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.03 min
Lab File: BN005120.D
Acq: 09 Apr 2019 19:38

Tgt Ion: 136 Resp: 35266
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.2 5.3 7.9
68 4.8 4.6 6.8



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BN0
Ion 68.00 (67.70 to 68.70): BN0





#22

Acetophenone

Concen: 0.268 ng

RT: 8.48 min Scan# 933

Delta R.T. -0.03 min

Lab File: BN005120.D

Acq: 09 Apr 2019 19:38

Instrument :

BNA_N

ClientSampleId :

Tot Ion:105 Resp: 216

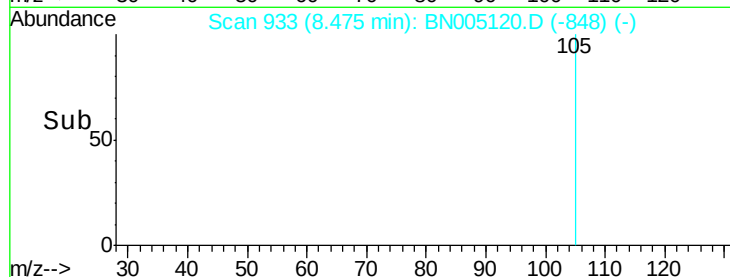
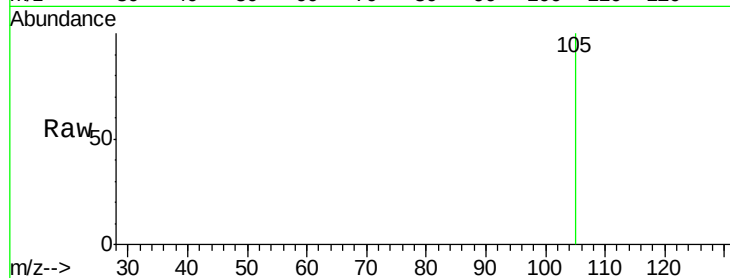
Ion Ratio Lower Upper

105 100

71 0.0 0.0 0.0

51 0.0 17.8 26.8#

120 0.0 18.6 27.8#

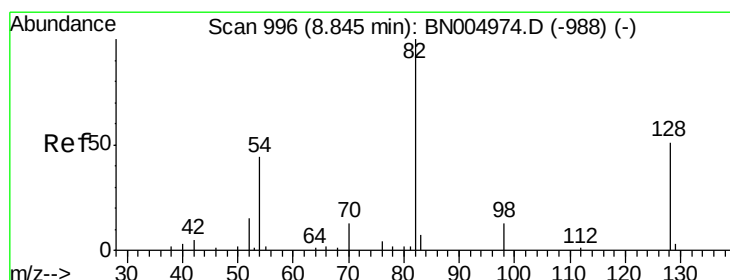
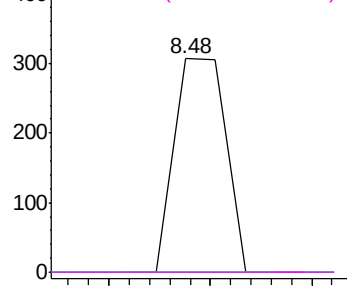


Abundance Ion 105.00 (104.70 to 105.70): E

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: 86.967 ng

RT: 8.82 min Scan# 991

Delta R.T. -0.03 min

Lab File: BN005120.D

Acq: 09 Apr 2019 19:38

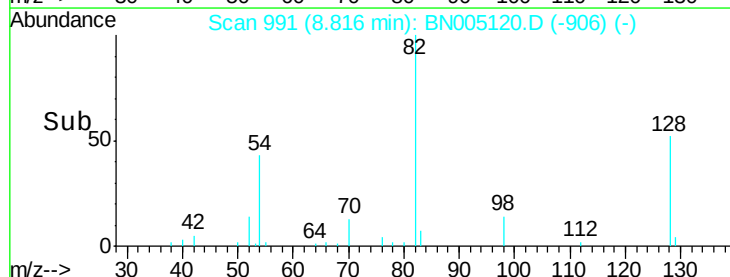
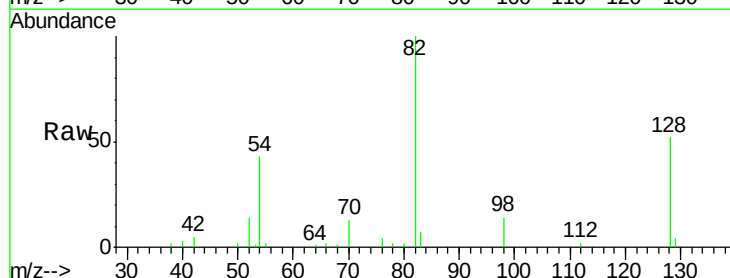
Tgt Ion: 82 Resp: 50701

Ion Ratio Lower Upper

82 100

128 51.8 40.6 60.8

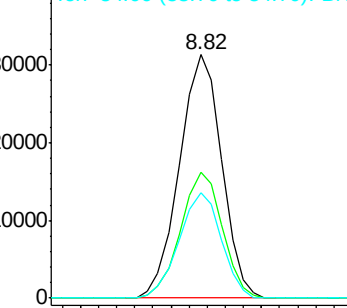
54 43.2 35.2 52.8

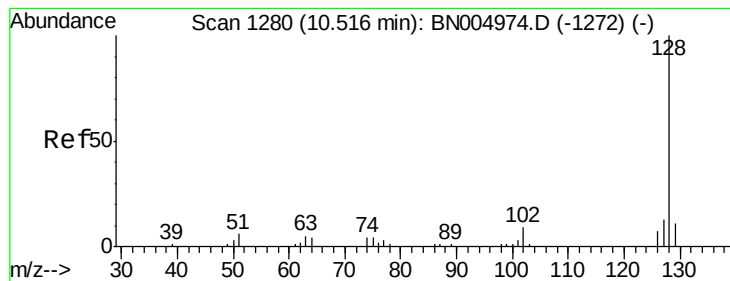


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#31

Naphthalene

Concen: 4.344 ng

RT: 10.48 min Scan# 1274

Delta R.T. -0.04 min

Lab File: BN005120.D

Acq: 09 Apr 2019 19:38

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ClientSampleId :

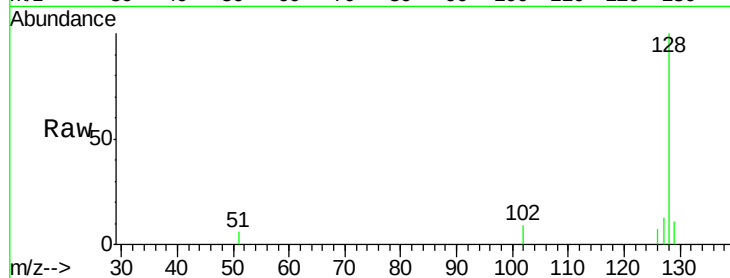
Tot Ion:128 Resp: 7993

Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

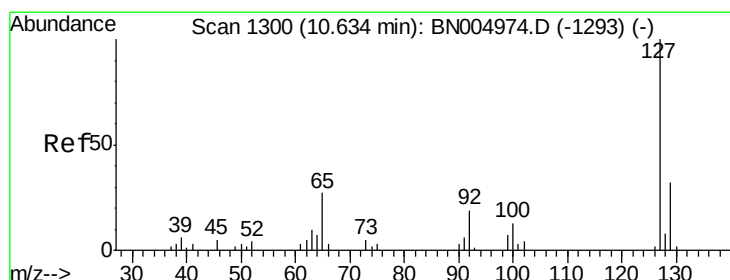
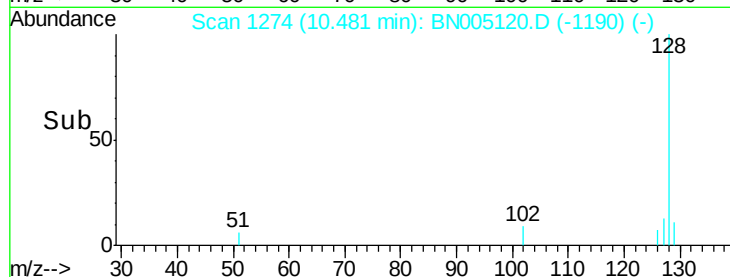
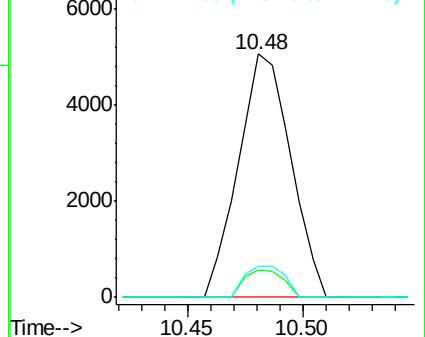
127 13.1 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 1.078 ng

RT: 10.48 min Scan# 1274

Delta R.T. -0.15 min

Lab File: BN005120.D

Acq: 09 Apr 2019 19:38

Tgt Ion:127 Resp: 807

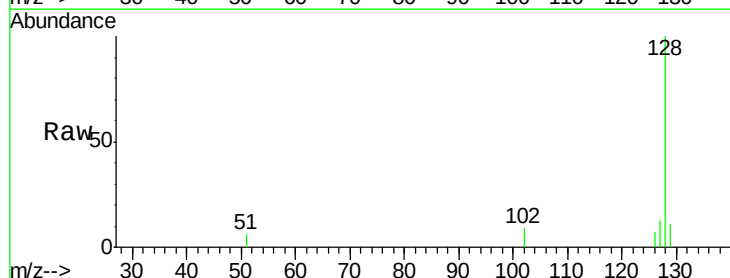
Ion Ratio Lower Upper

127 100

129 84.7 25.9 38.9#

65 0.0 21.4 32.0#

92 0.0 15.3 22.9#

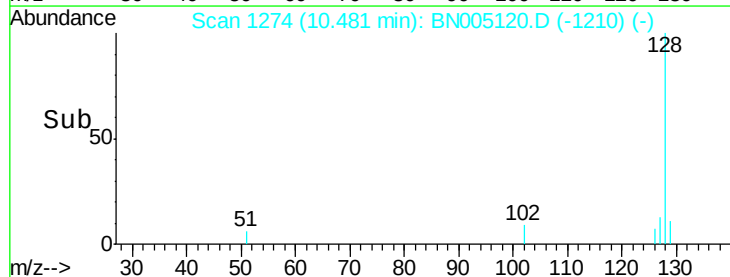
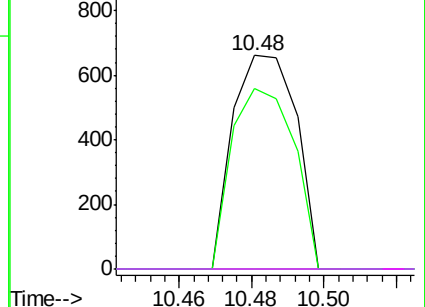


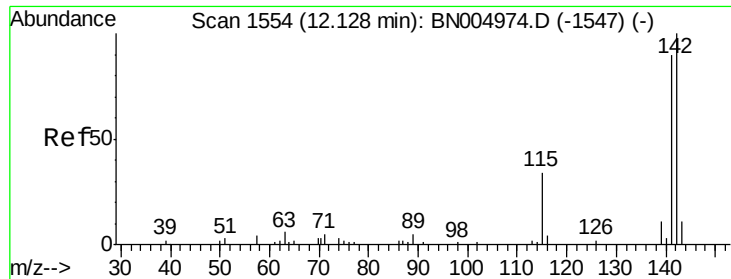
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BNC

Ion 92.00 (91.70 to 92.70): BNC

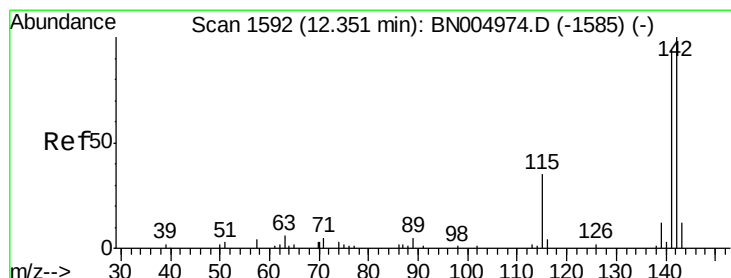
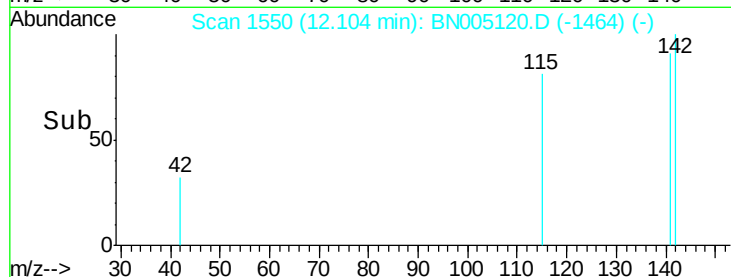
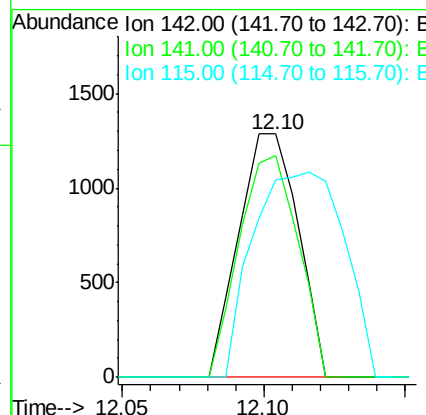
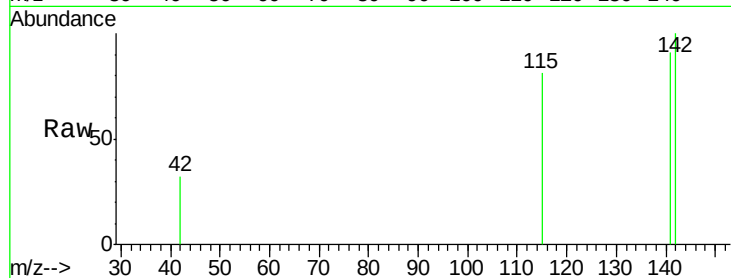




#37
 2-Methylnaphthalene
 Concen: 1.446 ng
 RT: 12.10 min Scan# 1550
 Delta R.T. -0.02 min
 Lab File: BN005120.D
 Acq: 09 Apr 2019 19:38

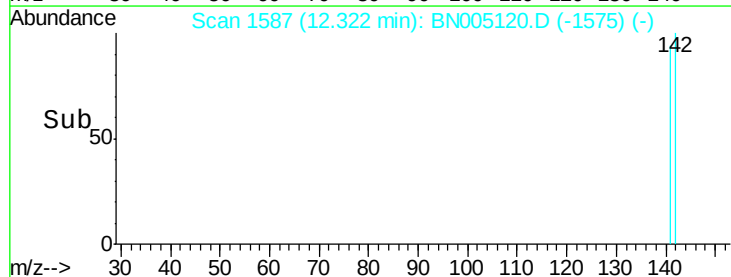
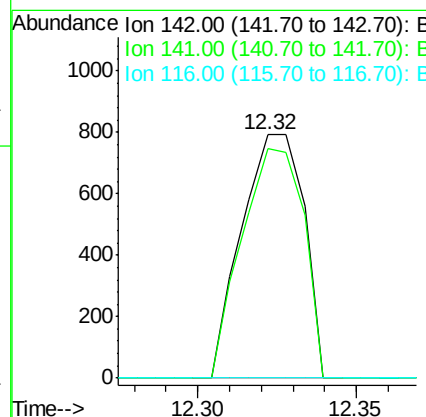
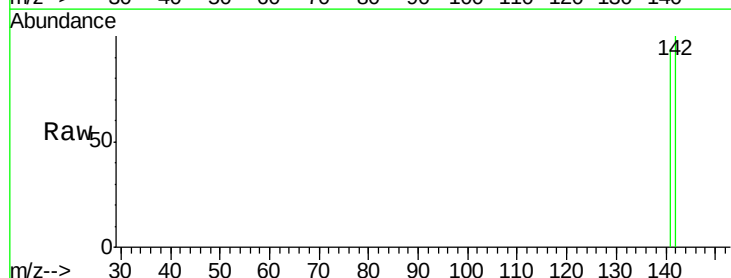
Instrument :
 BNA_N
 ClientSampleId :

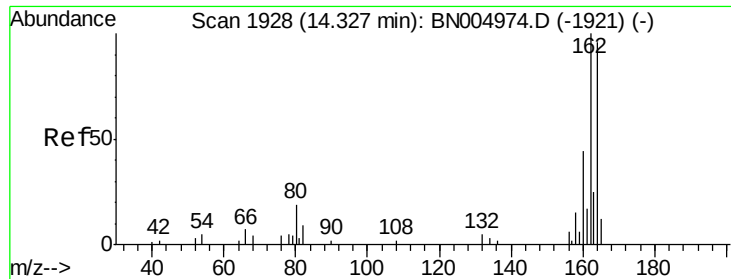
Tot Ion:142 Resp: 1879
 Ion Ratio Lower Upper
 142 100
 141 91.2 71.8 107.8
 115 81.2 27.0 40.4#



#38
 1-Methylnaphthalene
 Concen: 0.848 ng
 RT: 12.32 min Scan# 1587
 Delta R.T. -0.03 min
 Lab File: BN005120.D
 Acq: 09 Apr 2019 19:38

Tgt Ion:142 Resp: 1078
 Ion Ratio Lower Upper
 142 100
 141 94.1 74.9 112.3
 116 0.0 3.0 4.4#

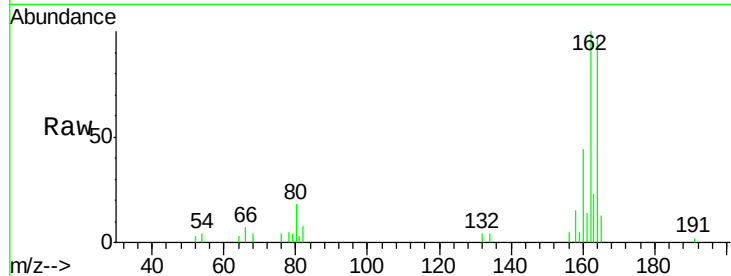




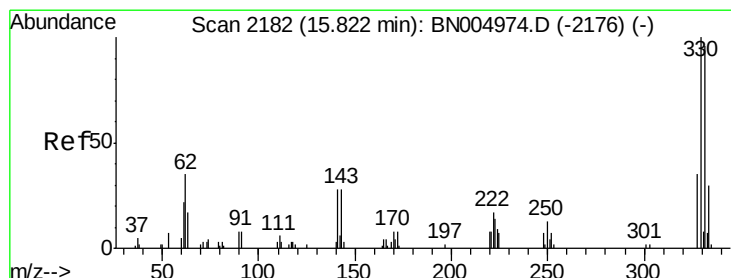
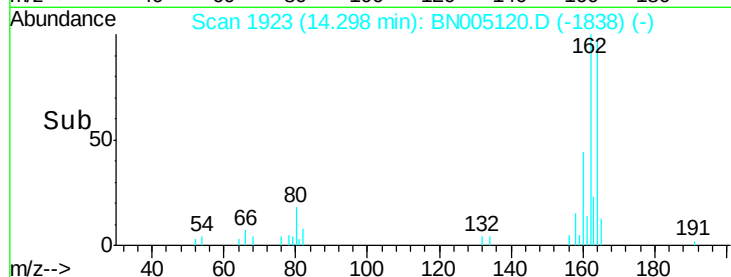
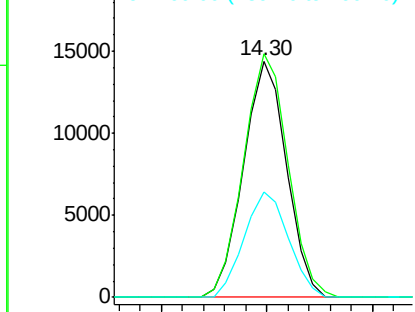
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1923
Delta R.T. -0.03 min
Lab File: BN005120.D
Acq: 09 Apr 2019 19:38

Instrument :
BNA_N
ClientSampleId :

Tot Ion:164 Resp: 20399
Ion Ratio Lower Upper
164 100
162 103.2 83.4 125.0
160 44.9 36.6 55.0

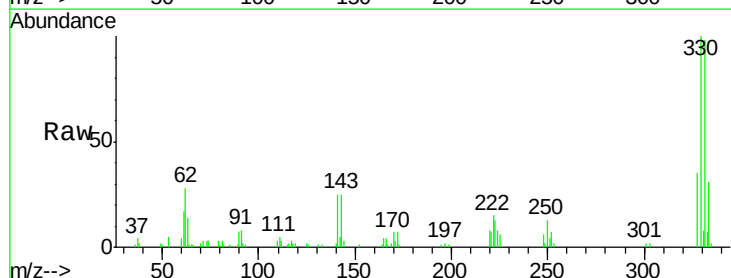


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

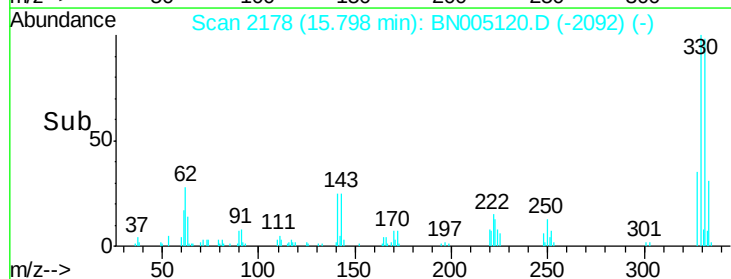
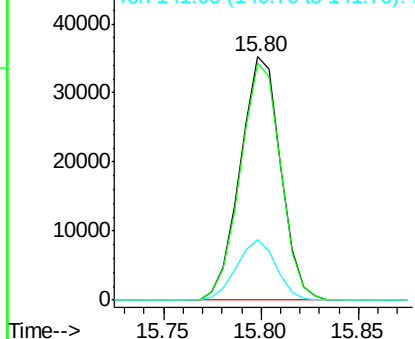


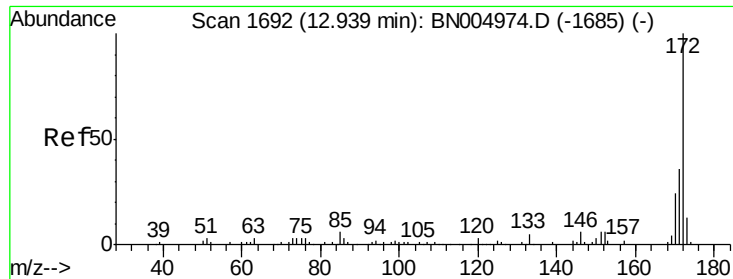
#42
2,4,6-Tribromophenol
Concen: 153.384 ng
RT: 15.80 min Scan# 2178
Delta R.T. -0.02 min
Lab File: BN005120.D
Acq: 09 Apr 2019 19:38

Tgt Ion:330 Resp: 50463
Ion Ratio Lower Upper
330 100
332 97.3 77.4 116.0
141 24.3 22.1 33.1



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

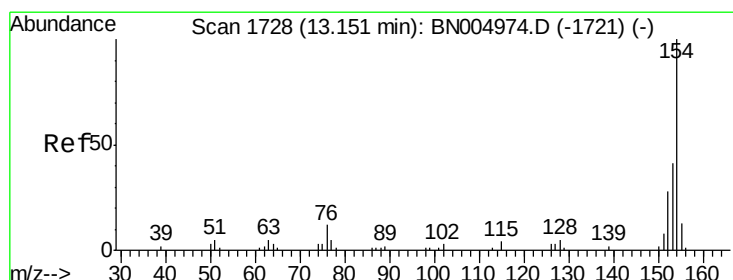
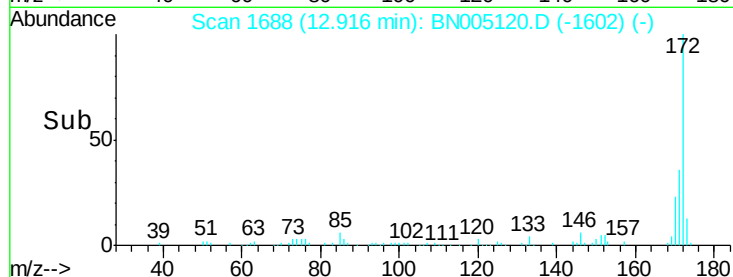
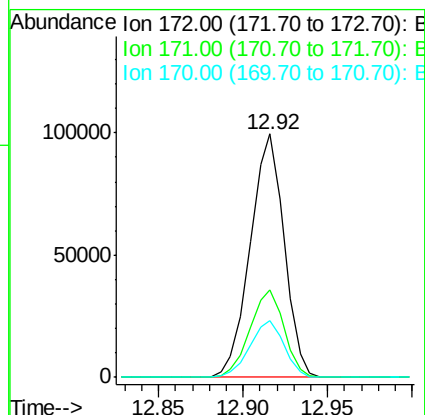
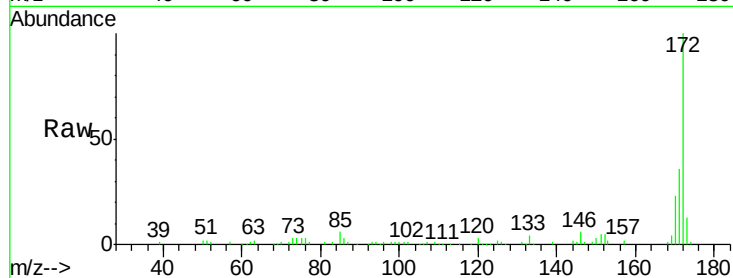




#45
 2-Fluorobiphenyl
 Concen: 90.579 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BN005120.D
 Acq: 09 Apr 2019 19:38

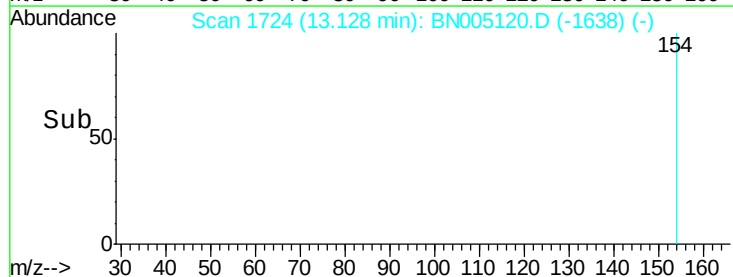
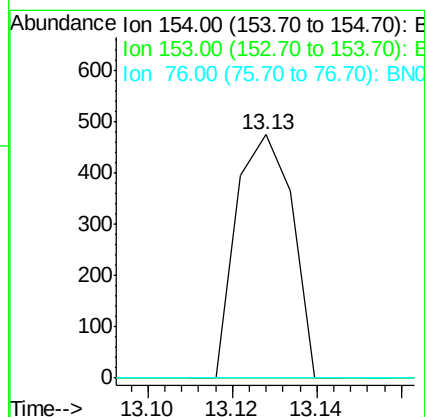
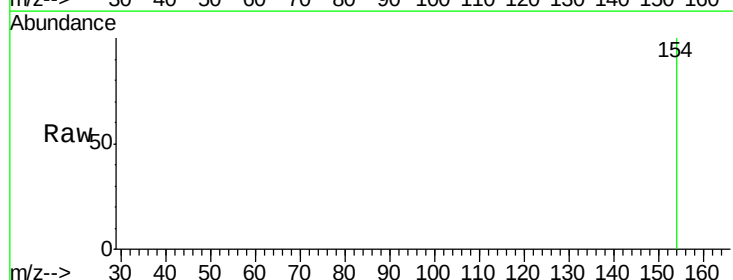
Instrument :
 BNA_N
 ClientSampled :

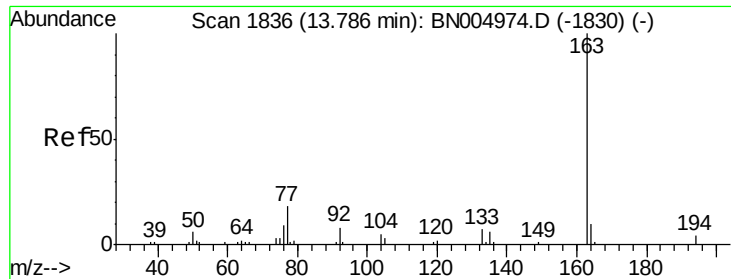
Tot Ion:172	Resp:	139437
Ion Ratio	Lower	Upper
172	100	
171	36.0	28.6 42.8
170	23.3	18.9 28.3



#46
 1,1'-Biphenyl
 Concen: 0.253 ng
 RT: 13.13 min Scan# 1724
 Delta R.T. -0.02 min
 Lab File: BN005120.D
 Acq: 09 Apr 2019 19:38

Tgt Ion:154	Resp:	436
Ion Ratio	Lower	Upper
154	100	
153	0.0	21.2 61.2#
76	0.0	0.0 32.2





#50

Dimethylphthalate

Concen: 2.094 ng

RT: 13.76 min Scan# 1831

Delta R.T. -0.03 min

Lab File: BN005120.D

Acq: 09 Apr 2019 19:38

Instrument :

BNA_N

ClientSampleId :

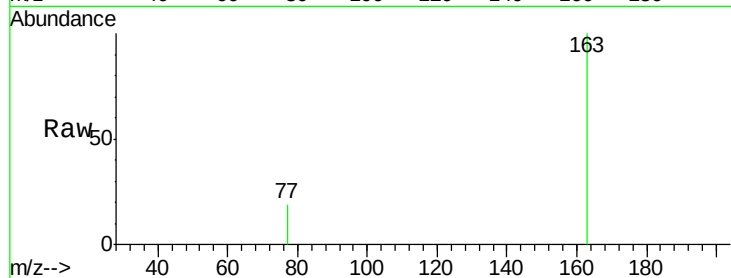
Tot Ion:163 Resp: 3510

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.0#

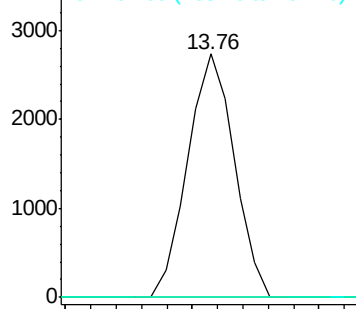
164 0.0 8.3 12.5#



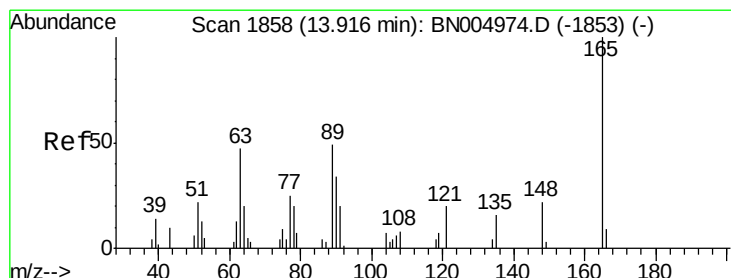
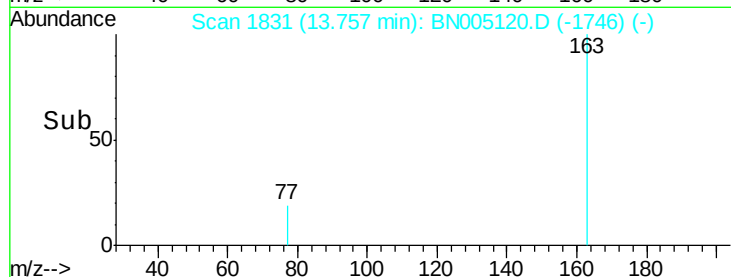
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time--> 13.70 13.75 13.80



#51

2,6-Dinitrotoluene

Concen: 6.862 ng

RT: 14.30 min Scan# 1923

Delta R.T. 0.38 min

Lab File: BN005120.D

Acq: 09 Apr 2019 19:38

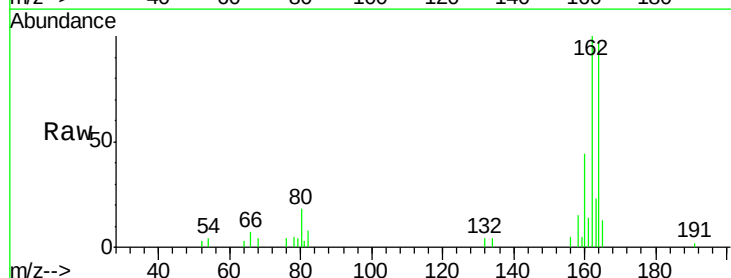
Tgt Ion:165 Resp: 2617

Ion Ratio Lower Upper

165 100

63 0.0 37.3 55.9#

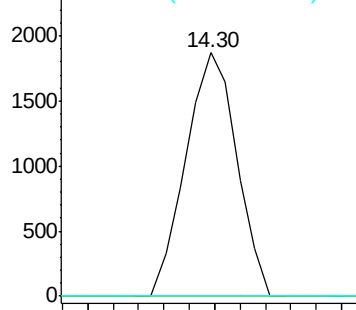
89 0.0 39.2 58.8#



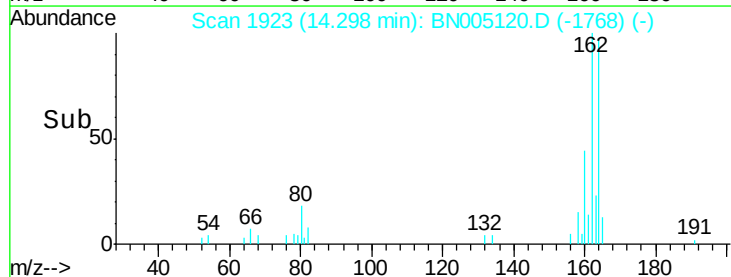
Abundance Ion 165.00 (164.70 to 165.70): E

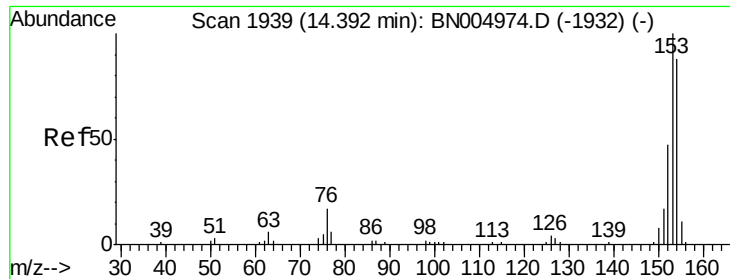
Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC



Time--> 14.25 14.30





#52

Acenaphthene

Concen: 0.436 ng

RT: 14.36 min Scan# 1934

Delta R.T. -0.03 min

Lab File: BN005120.D

Acq: 09 Apr 2019 19:38

Instrument :

BNA_N

ClientSampleId :

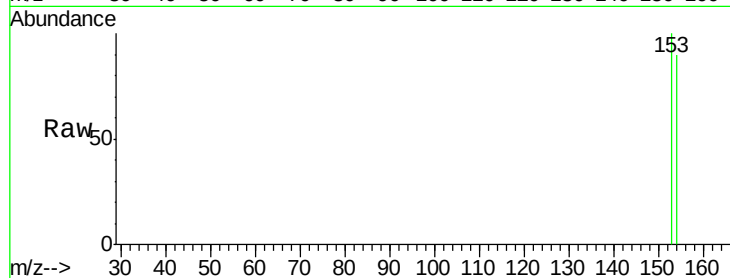
Tot Ion:154 Resp: 546

Ion Ratio Lower Upper

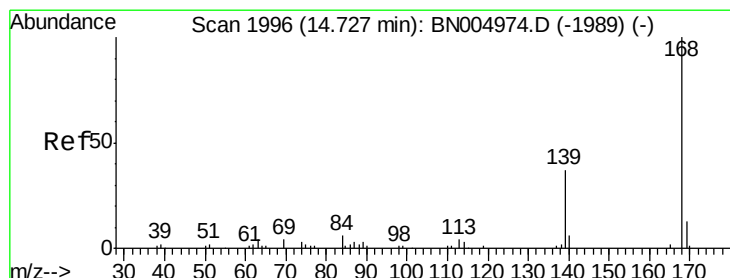
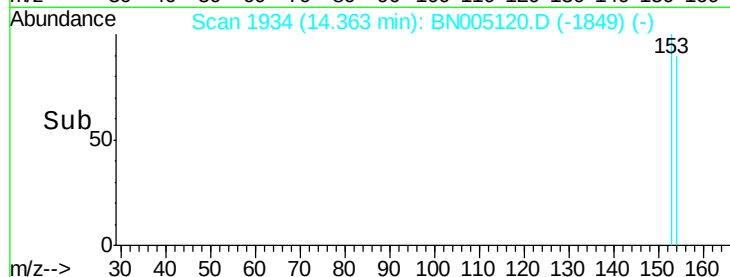
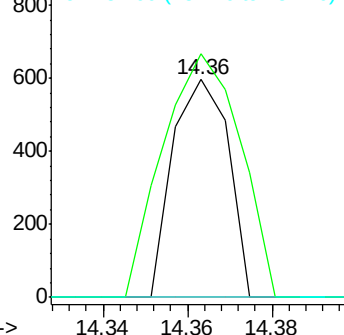
154 100

153 111.7 91.0 136.4

152 0.0 43.0 64.4#



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



#55

Dibenzofuran

Concen: 0.235 ng

RT: 14.70 min Scan# 1991

Delta R.T. -0.03 min

Lab File: BN005120.D

Acq: 09 Apr 2019 19:38

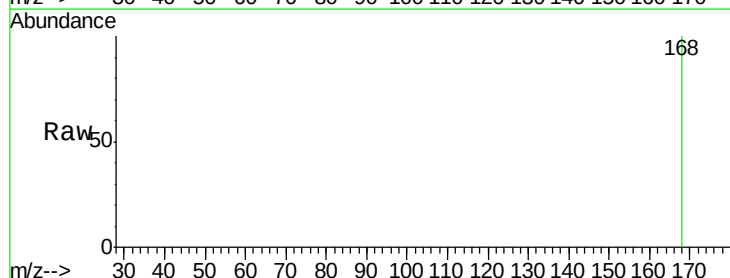
Tgt Ion:168 Resp: 469

Ion Ratio Lower Upper

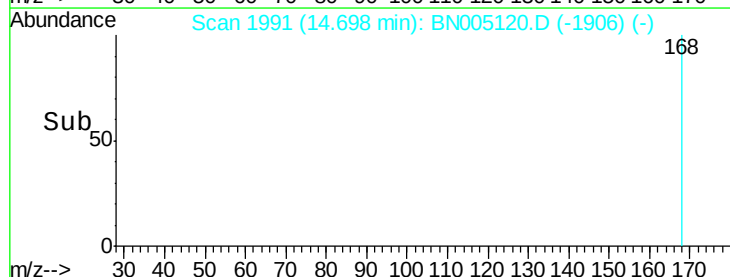
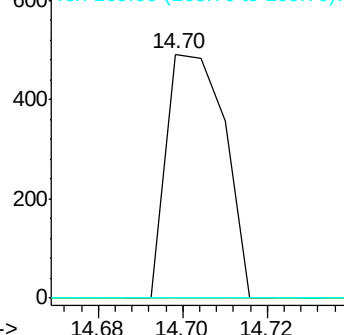
168 100

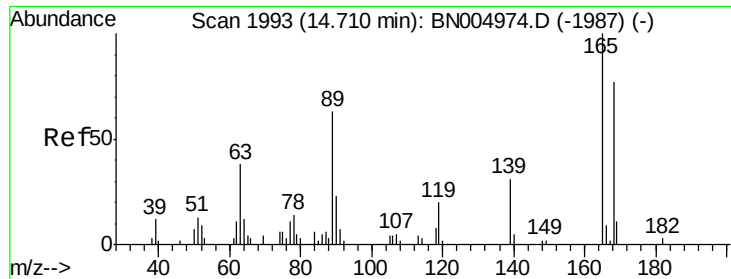
139 0.0 29.9 44.9#

169 0.0 10.6 15.8#



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

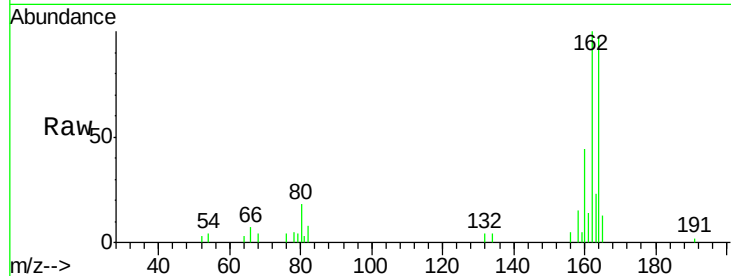




#57
2,4-Dinitrotoluene
Concen: 5.050 ng
RT: 14.30 min Scan# 1923
Delta R.T. -0.41 min
Lab File: BN005120.D
Acq: 09 Apr 2019 19:38

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.4	45.6#
89	0.0	50.7	76.1#
182	0.0	2.5	3.7#

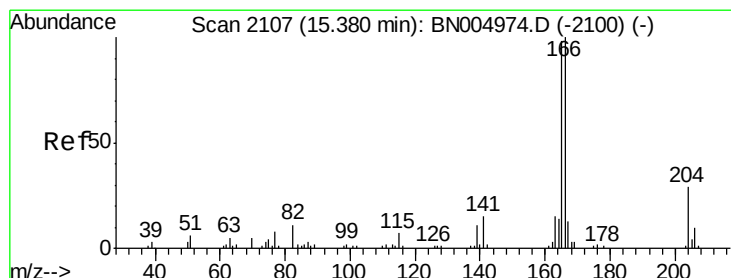
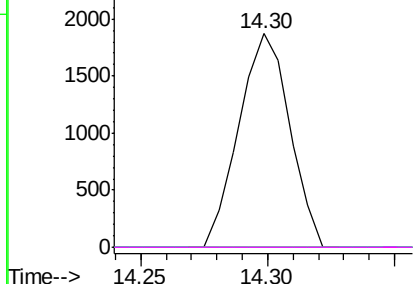
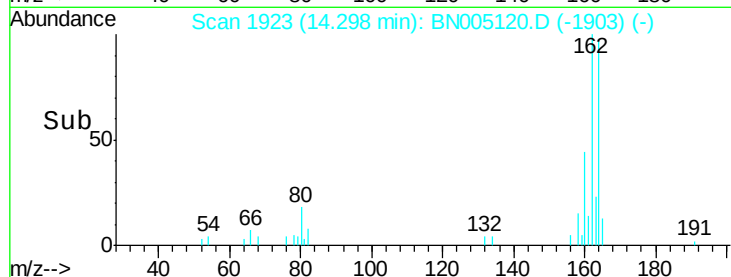


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

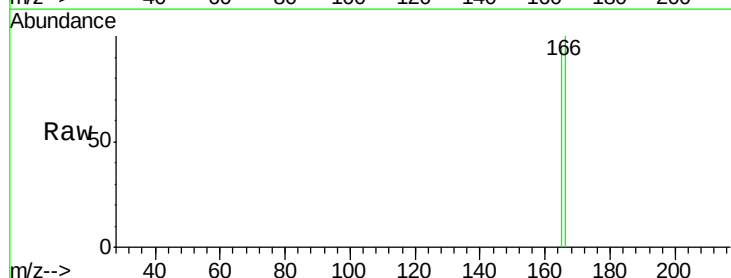
Ion 89.00 (88.70 to 89.70): BNC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 0.306 ng
RT: 15.35 min Scan# 2102
Delta R.T. -0.03 min
Lab File: BN005120.D
Acq: 09 Apr 2019 19:38

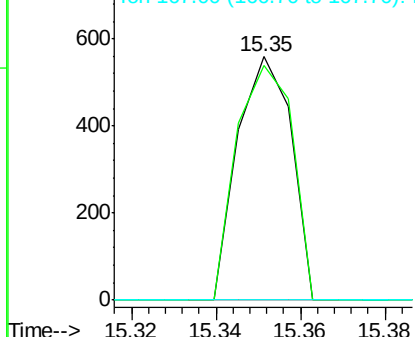
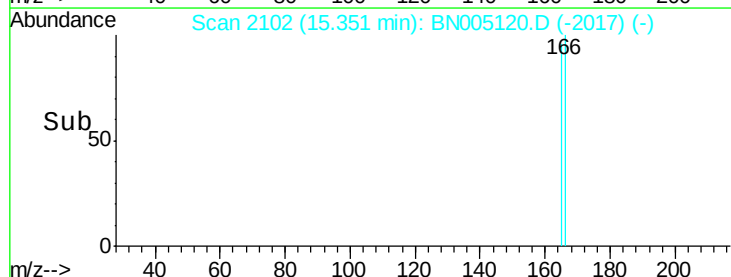
Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.4	78.3	117.5
167	0.0	10.6	15.8#

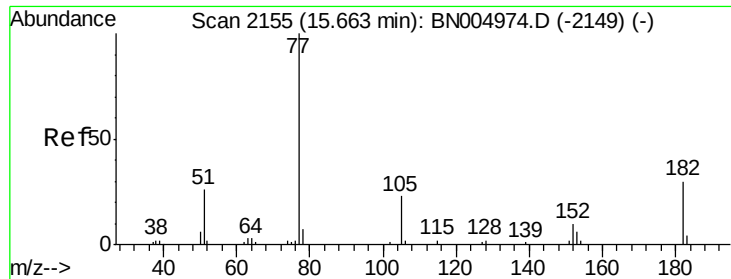


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#63

Azobenzene

Concen: 0.180 ng

RT: 16.06 min Scan# 2223

Delta R.T. 0.40 min

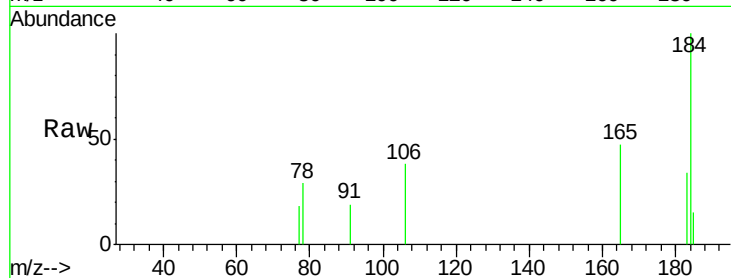
Lab File: BN005120.D

Acq: 09 Apr 2019 19:38

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 77 Resp: 251

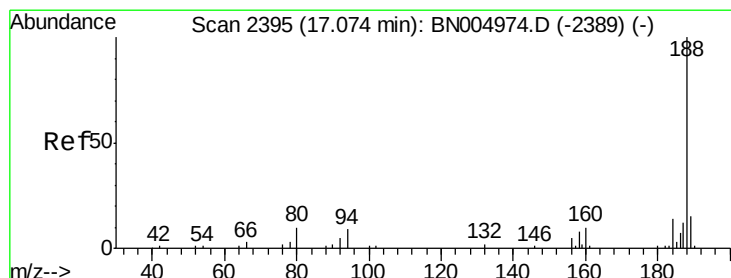
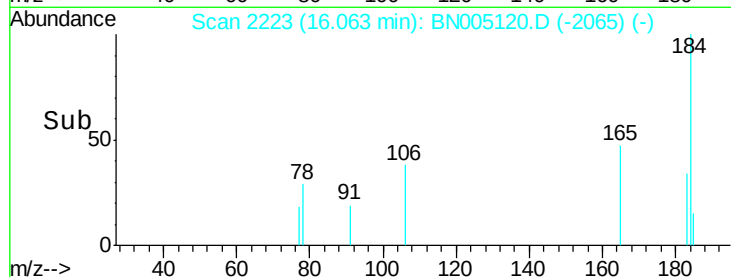
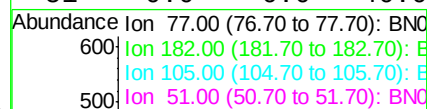
Ion Ratio Lower Upper

77 100

182 0.0 10.0 50.0#

105 0.0 2.9 42.9#

51 0.0 6.0 46.0#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.05 min Scan# 2391

Delta R.T. -0.02 min

Lab File: BN005120.D

Acq: 09 Apr 2019 19:38

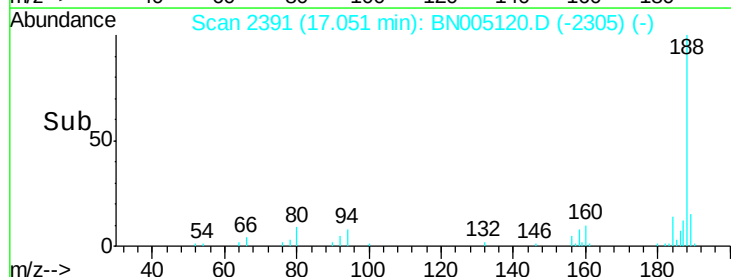
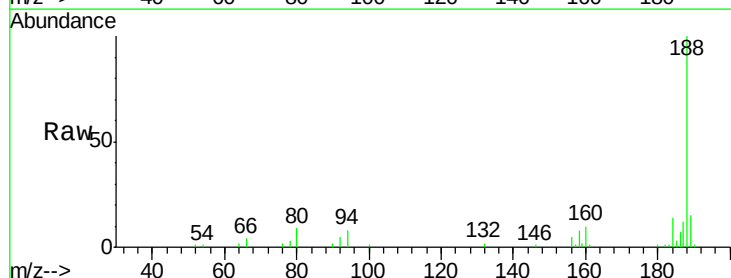
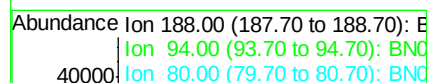
Tgt Ion: 188 Resp: 44529

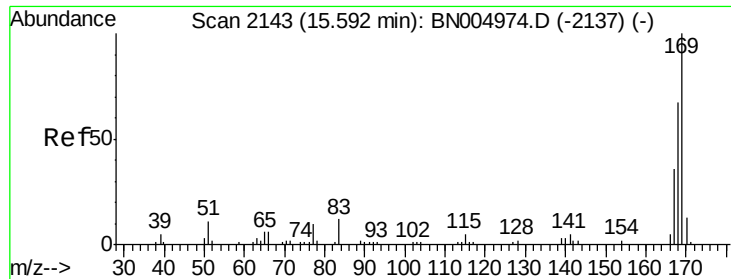
Ion Ratio Lower Upper

188 100

94 8.3 7.2 10.8

80 9.3 7.8 11.6

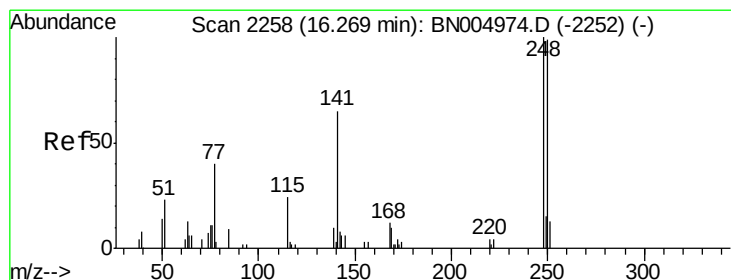
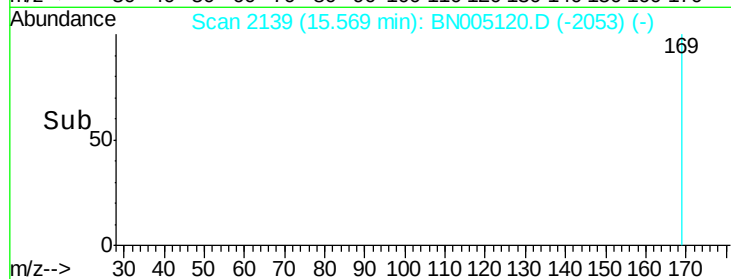
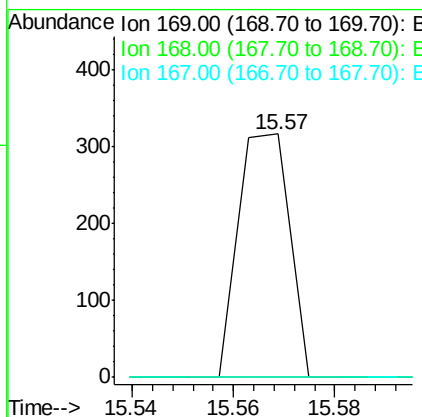
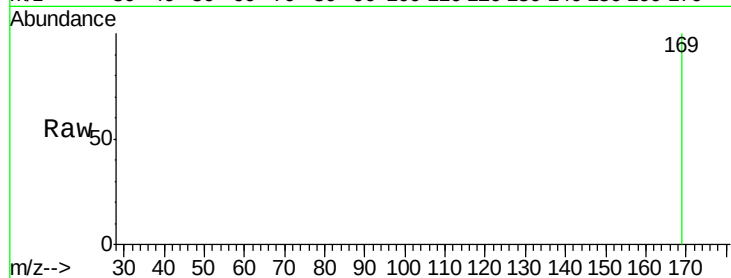




#66
 n-Nitrosodiphenylamine
 Concen: 0.158 ng
 RT: 15.57 min Scan# 2139
 Delta R.T. -0.02 min
 Lab File: BN005120.D
 Acq: 09 Apr 2019 19:38

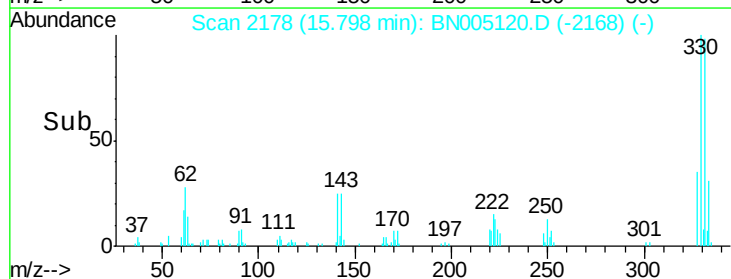
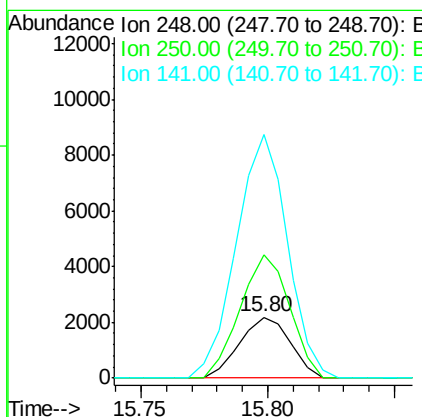
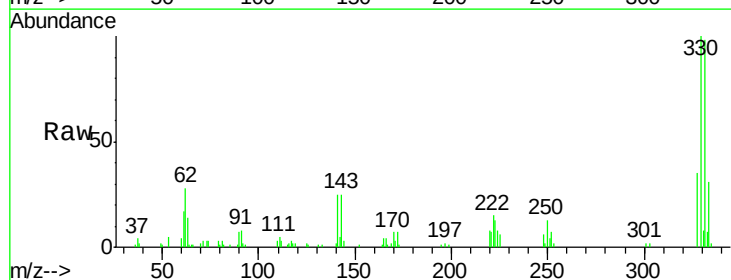
Instrument :
 BNA_N
 ClientSampleId :

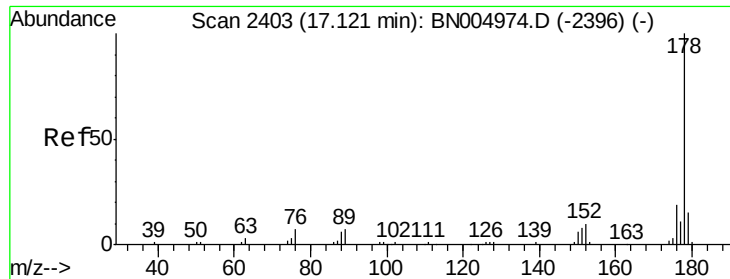
Tot Ion:169 Resp: 222
 Ion Ratio Lower Upper
 169 100
 168 0.0 53.4 80.2#
 167 0.0 28.9 43.3#



#67
 4-Bromophenyl-phenylether
 Concen: 5.458 ng
 RT: 15.80 min Scan# 2178
 Delta R.T. -0.47 min
 Lab File: BN005120.D
 Acq: 09 Apr 2019 19:38

Tgt Ion:248 Resp: 3033
 Ion Ratio Lower Upper
 248 100
 250 201.7 79.4 119.2#
 141 398.3 52.3 78.5#

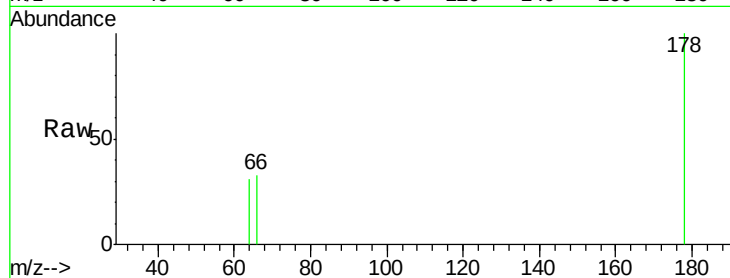




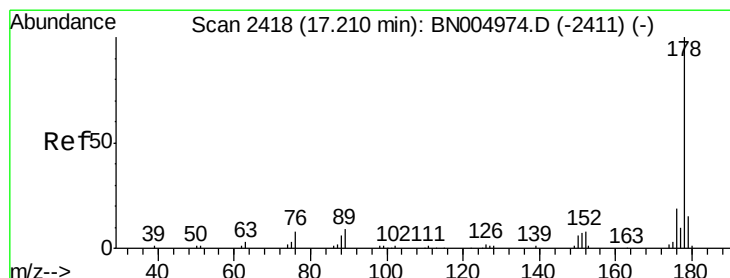
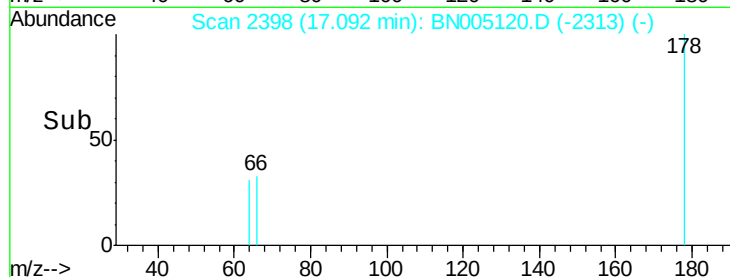
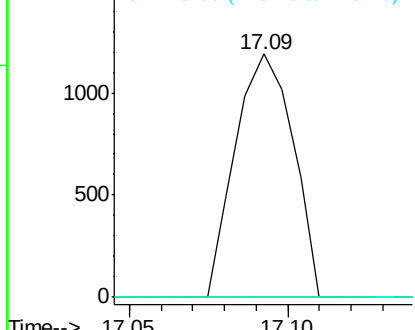
#71
Phenanthrene
Concen: 0.600 ng
RT: 17.09 min Scan# 2398
Delta R.T. -0.03 min
Lab File: BN005120.D
Acq: 09 Apr 2019 19:38

Instrument :
BNA_N
ClientSampleId :

Tot Ion:178 Resp: 1501
Ion Ratio Lower Upper
178 100
176 0.0 15.4 23.2#
179 0.0 12.3 18.5#

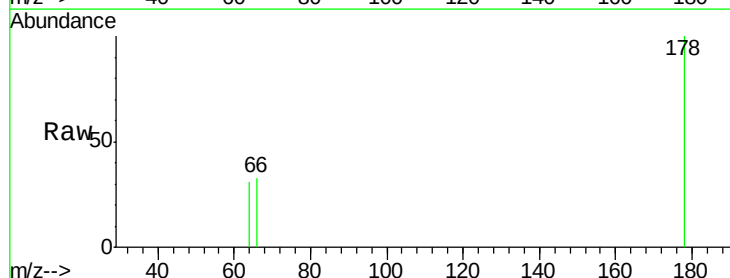


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

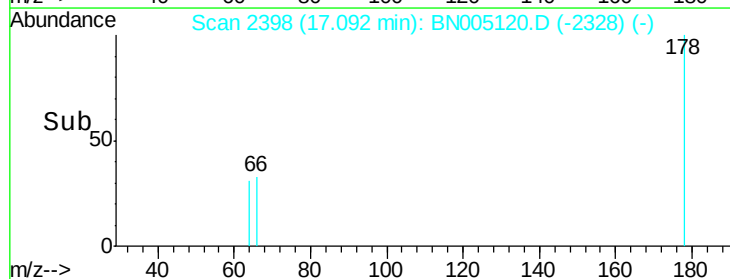
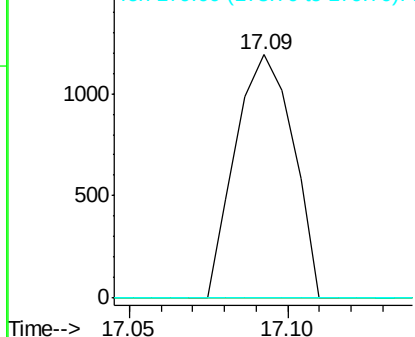


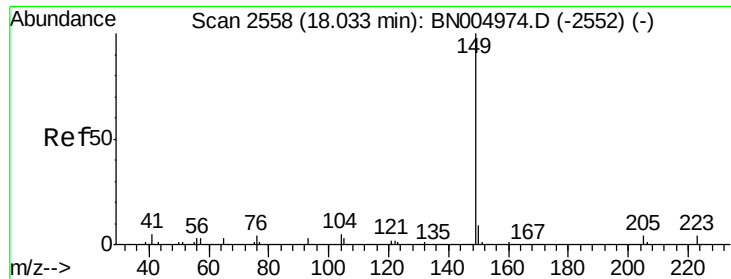
#72
Anthracene
Concen: 0.603 ng
RT: 17.09 min Scan# 2398
Delta R.T. -0.12 min
Lab File: BN005120.D
Acq: 09 Apr 2019 19:38

Tgt Ion:178 Resp: 1501
Ion Ratio Lower Upper
178 100
176 0.0 15.0 22.4#
179 0.0 12.3 18.5#



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





#74

Di-n-butylphthalate

Concen: 0.246 ng

RT: 18.01 min Scan# 2554

Delta R.T. -0.02 min

Lab File: BN005120.D

Acq: 09 Apr 2019 19:38

Instrument :

BNA_N

ClientSampleId :

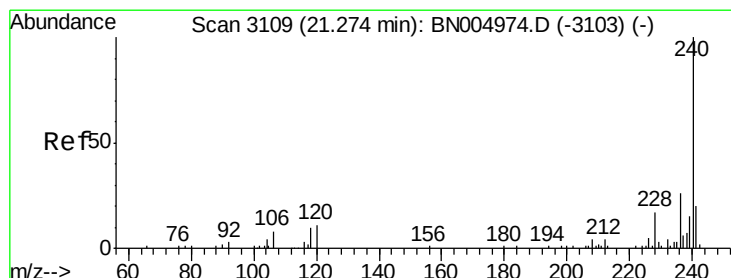
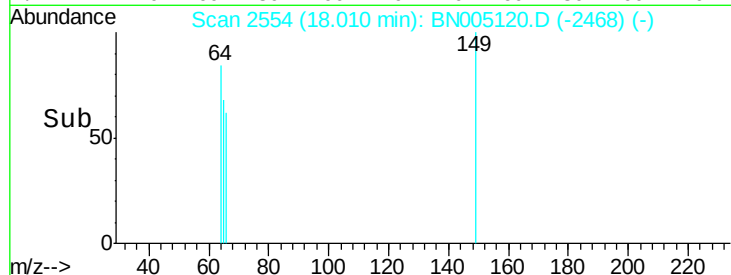
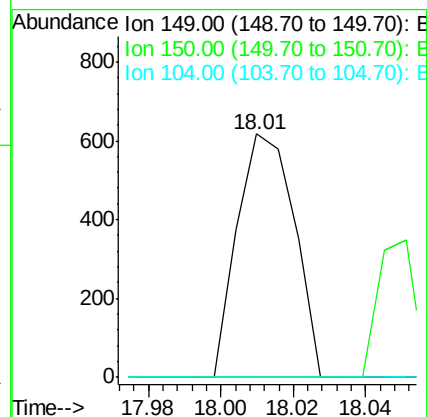
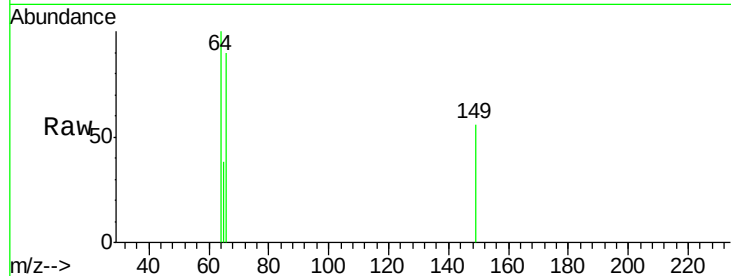
Tot Ion:149 Resp: 678

Ion Ratio Lower Upper

149 100

150 0.0 7.4 11.0#

104 0.0 3.7 5.5#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.26 min Scan# 3106

Delta R.T. -0.02 min

Lab File: BN005120.D

Acq: 09 Apr 2019 19:38

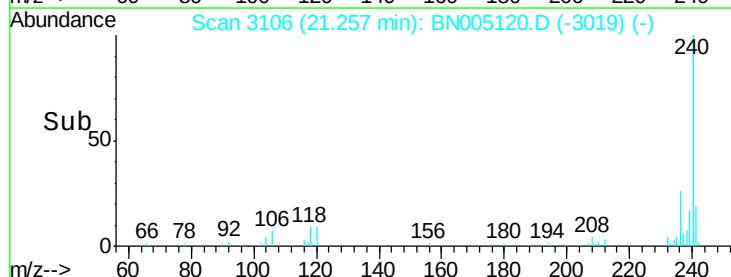
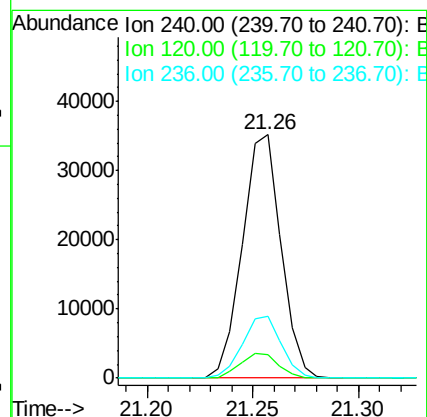
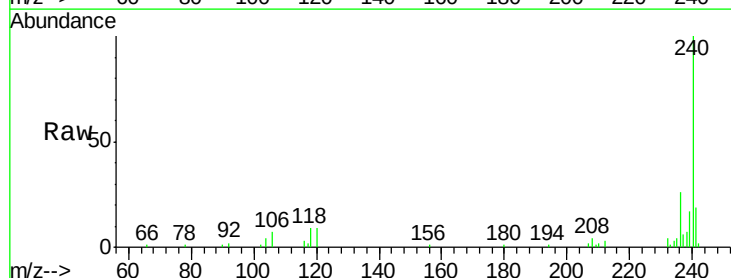
Tgt Ion:240 Resp: 44553

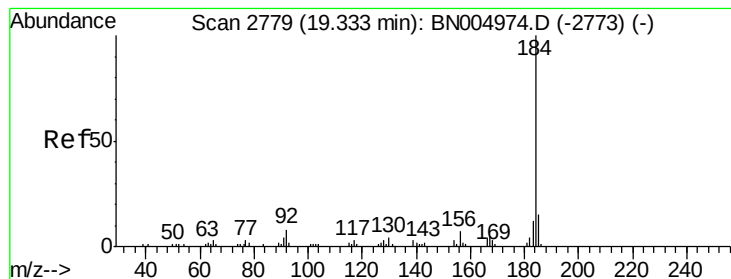
Ion Ratio Lower Upper

240 100

120 9.4 8.5 12.7

236 25.6 21.2 31.8





#77

Benzidine

Concen: 1.810 ng

RT: 19.69 min Scan# 2840

Delta R.T. 0.36 min

Lab File: BN005120.D

Acq: 09 Apr 2019 19:38

Instrument :

BNA_N

ClientSampled :

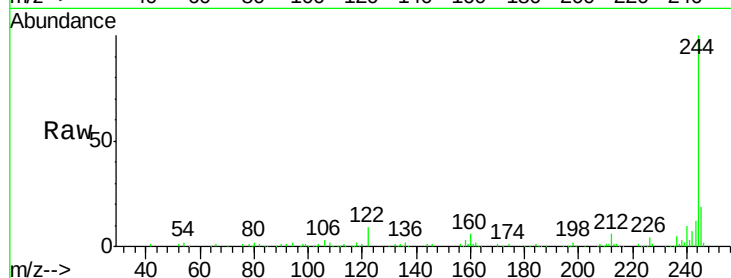
Tot Ion:184 Resp: 2513

Ion Ratio Lower Upper

184 100

185 19.2 11.8 17.8#

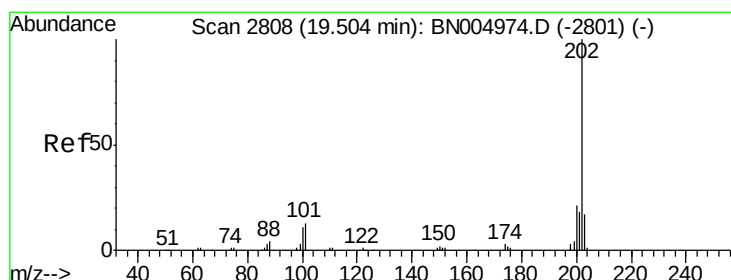
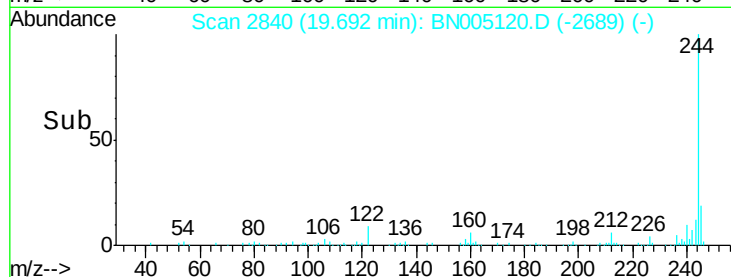
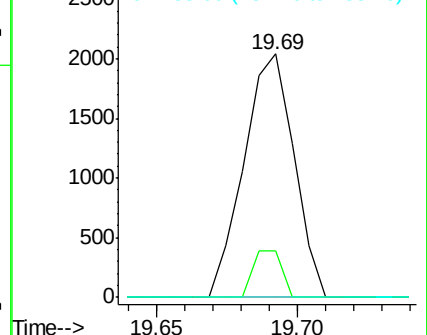
183 0.0 9.9 14.9#



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



#78

Pyrene

Concen: 0.169 ng

RT: 19.69 min Scan# 2840

Delta R.T. 0.19 min

Lab File: BN005120.D

Acq: 09 Apr 2019 19:38

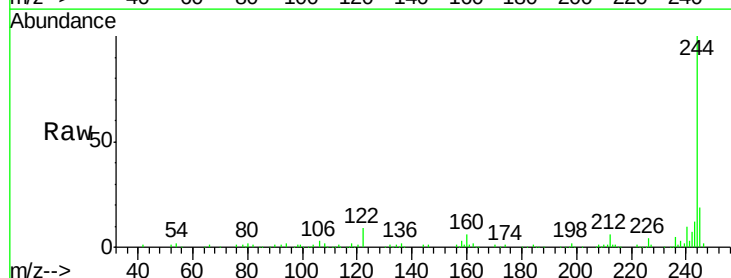
Tgt Ion:202 Resp: 502

Ion Ratio Lower Upper

202 100

200 0.0 17.0 25.4#

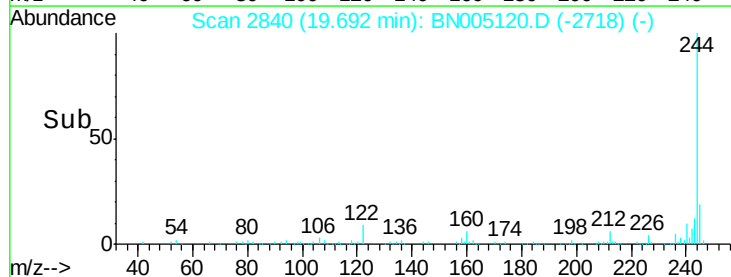
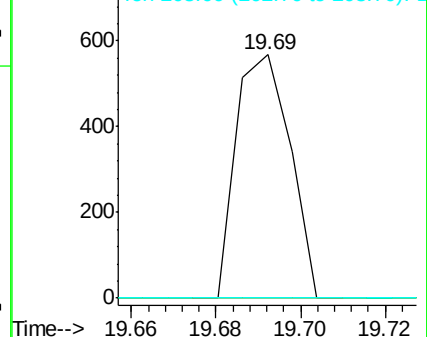
203 0.0 14.0 21.0#

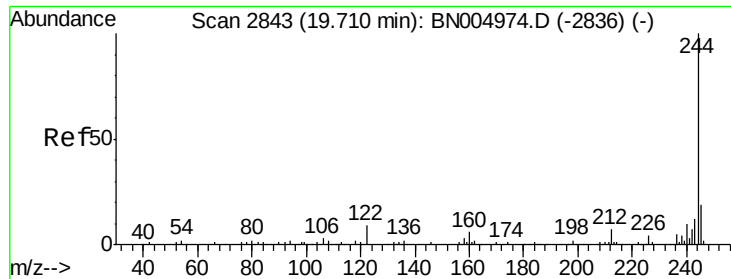


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 92.768 ng

RT: 19.69 min Scan# 2840

Delta R.T. -0.02 min

Lab File: BN005120.D

Acq: 09 Apr 2019 19:38

Instrument :

BNA_N

ClientSampleId :

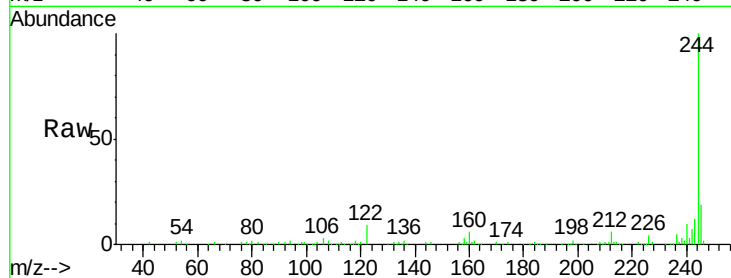
Tot Ion:244 Resp: 214680

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

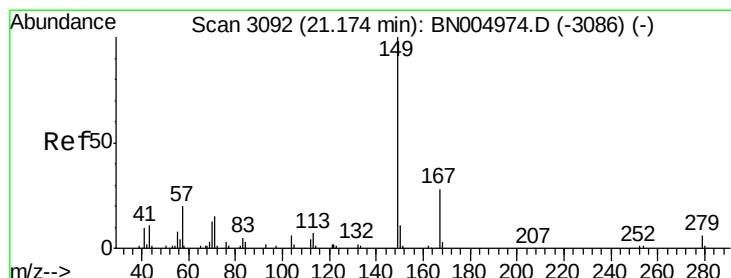
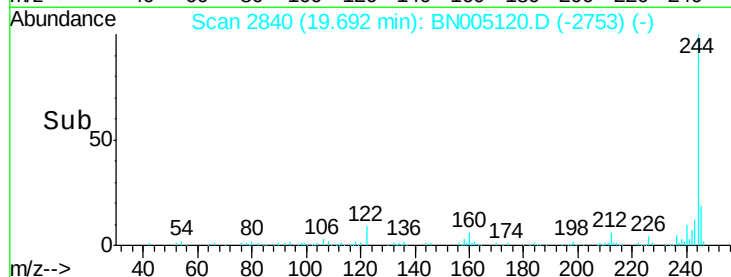
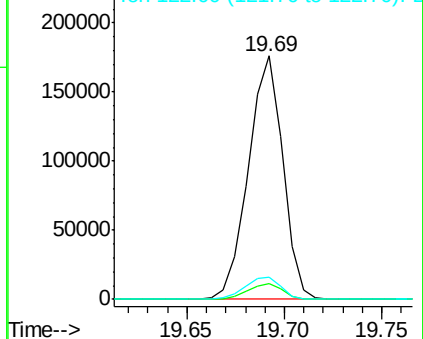
122 9.2 7.4 11.2



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.339 ng

RT: 21.16 min Scan# 3089

Delta R.T. -0.02 min

Lab File: BN005120.D

Acq: 09 Apr 2019 19:38

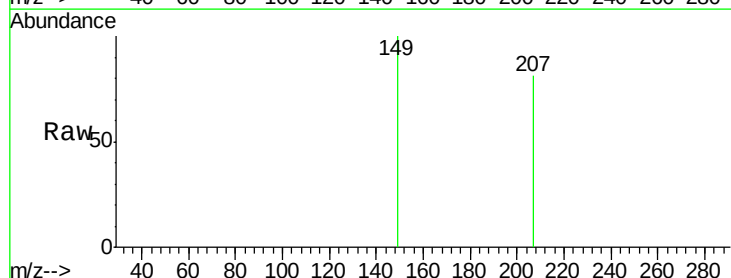
Tgt Ion:149 Resp: 567

Ion Ratio Lower Upper

149 100

167 0.0 22.5 33.7#

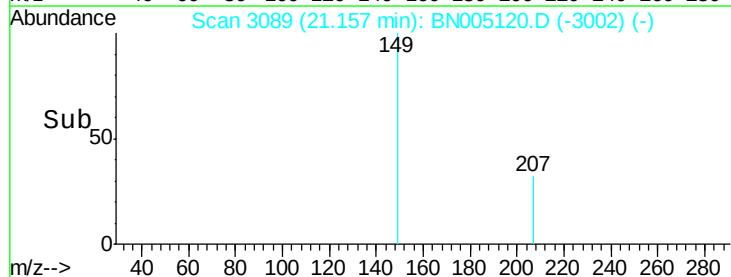
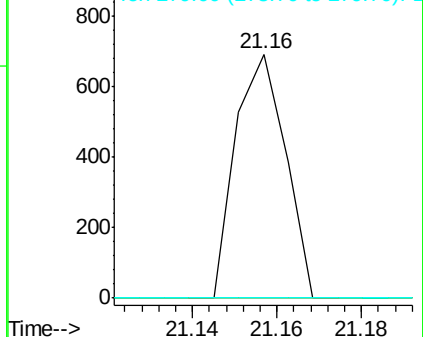
279 0.0 4.5 6.7#

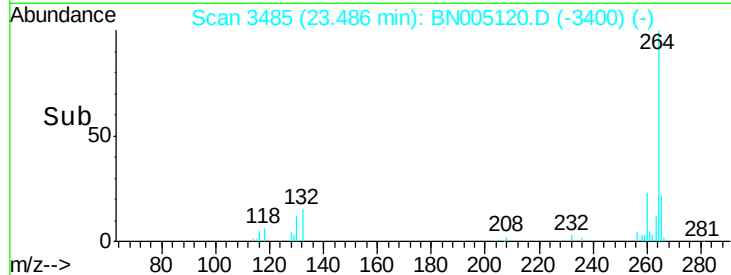
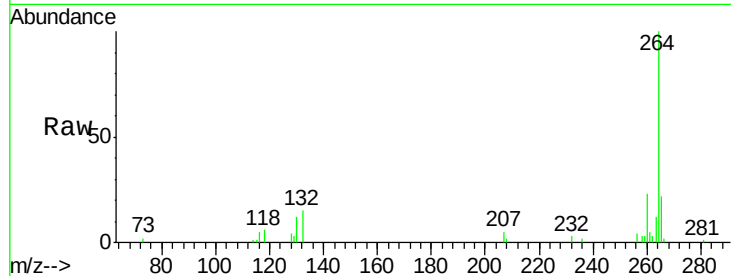
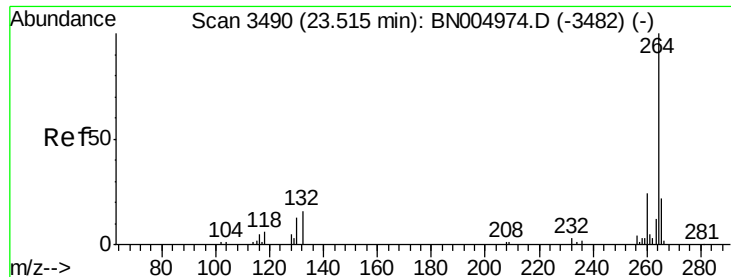


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.49 min Scan# 3485
 Delta R.T. -0.03 min
 Lab File: BN005120.D
 Acq: 09 Apr 2019 19:38

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:	264	Resp:	41121
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.4
265	21.5	17.2	25.8

