

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040919\
 Data File : BN005118.D
 Acq On : 09 Apr 2019 18:27
 Operator : JU/SJ
 Sample : K2316-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 10 01:16:40 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	8282	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	34548	20.00	ng	-0.03
39) Acenaphthene-d10	14.30	164	19959	20.00	ng	-0.03
64) Phenanthrene-d10	17.05	188	42806	20.00	ng	-0.02
76) Chrysene-d12	21.25	240	38800	20.00	ng	-0.02
87) Perylene-d12	23.49	264	36651	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	27359	57.11	ng	-0.03
7) Phenol-d6	6.83	99	21928	34.51	ng	-0.03
23) Nitrobenzene-d5	8.82	82	46581	81.56	ng	-0.03
42) 2,4,6-Tribromophenol	15.80	330	49621	154.15	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	132304	87.84	ng	-0.02
79) Terphenyl-d14	19.69	244	198089	98.29	ng	-0.02

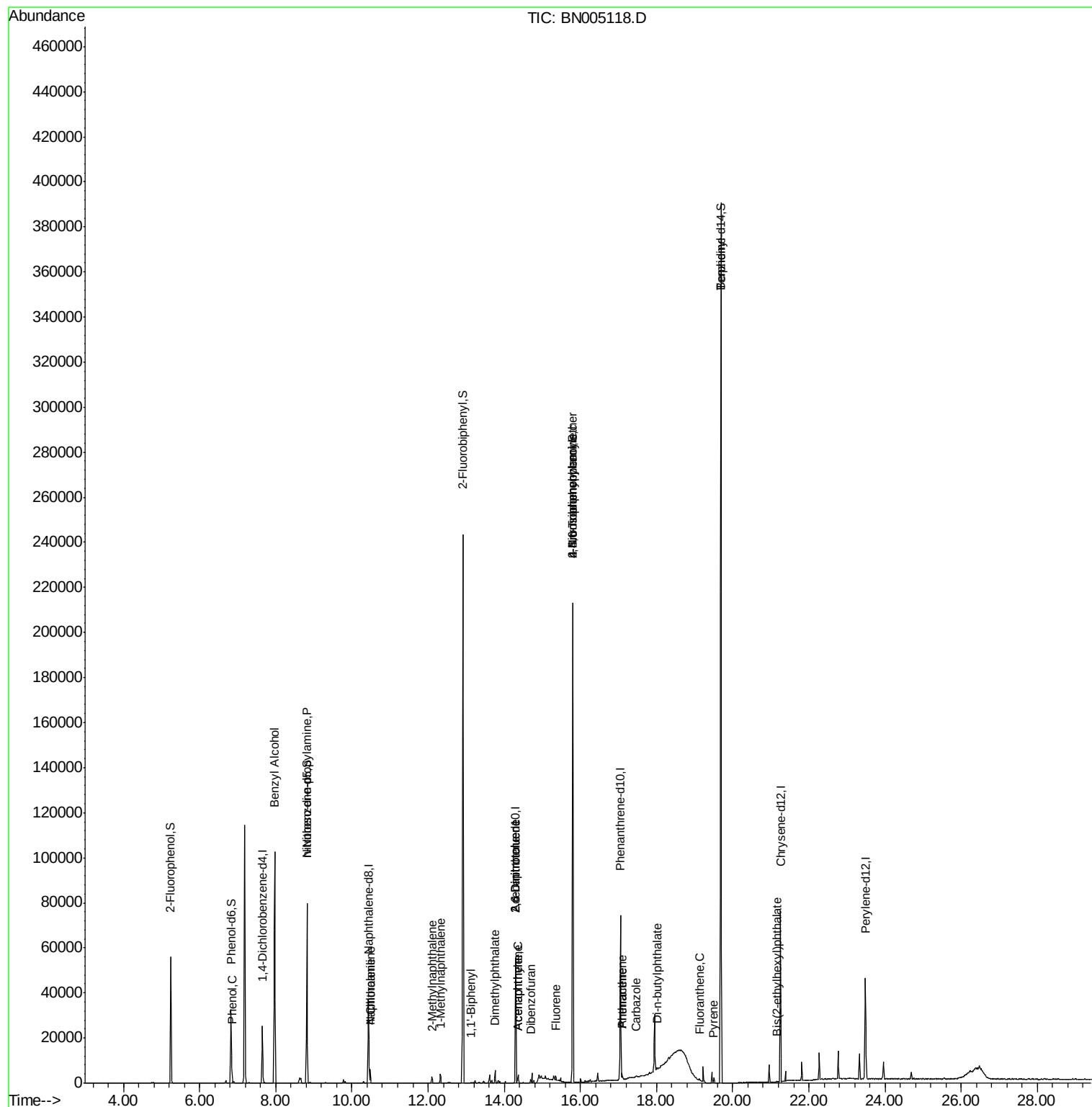
Target Compounds				Qvalue		
10) Phenol	6.85	94	3014	4.427	ng	98
15) Benzyl Alcohol	7.96	79	551	1.140	ng	# 22
19) n-Nitroso-di-n-propylamine	8.82	70	5971	14.336	ng	# 73
31) Naphthalene	10.49	128	7051	3.912	ng	100
33) 4-Chloroaniline	10.48	127	721	0.983	ng	# 33
37) 2-Methylnaphthalene	12.10	142	1947	1.530	ng	97
38) 1-Methylnaphthalene	12.32	142	2742	2.202	ng	# 97
46) 1,1'-Biphenyl	13.13	154	120	0.071	ng	# 42
49) Acenaphthylene	14.36	152	932	0.427	ng	# 1
50) Dimethylphthalate	13.76	163	5280	3.220	ng	# 96
51) 2,6-Dinitrotoluene	14.30	165	2562	6.866	ng	# 29
52) Acenaphthene	14.36	154	1678	1.368	ng	97
55) Dibenzofuran	14.70	168	775	0.397	ng	# 45
57) 2,4-Dinitrotoluene	14.30	165	2562	5.052	ng	# 27
58) Fluorene	15.35	166	1291	0.819	ng	# 93
66) n-Nitrosodiphenylamine	15.80	169	1177	0.873	ng	# 39
67) 4-Bromophenyl-phenylether	15.80	248	3007	5.629	ng	# 1
71) Phenanthrene	17.09	178	2860	1.189	ng	96
72) Anthracene	17.09	178	2860	1.195	ng	96
73) Carbazole	17.46	167	393	0.180	ng	# 58
74) Di-n-butylphthalate	18.01	149	772	0.291	ng	# 78
75) Fluoranthene	19.13	202	607	0.221	ng	64
77) Benzidine	19.69	184	2221	1.837	ng	# 83
78) Pyrene	19.49	202	405	0.156	ng	# 57
84) Bis(2-ethylhexyl)phthalate	21.16	149	257	0.176	ng	# 53

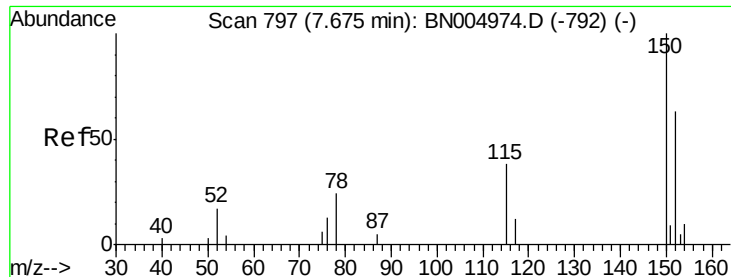
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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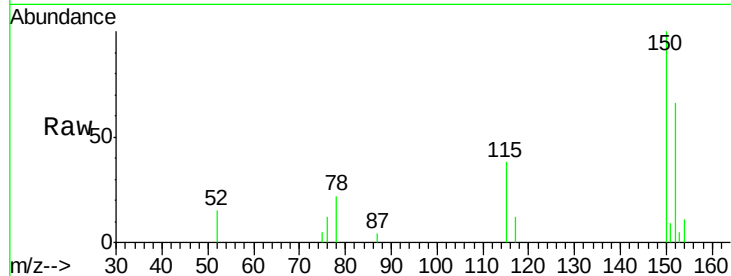


#1

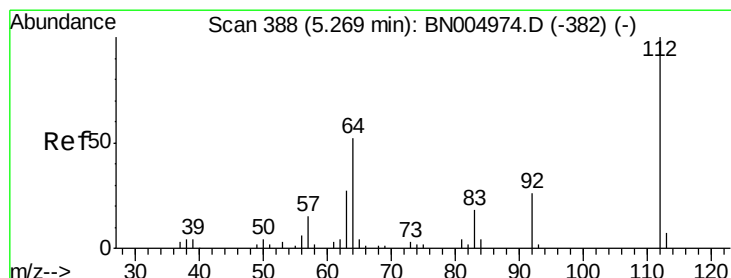
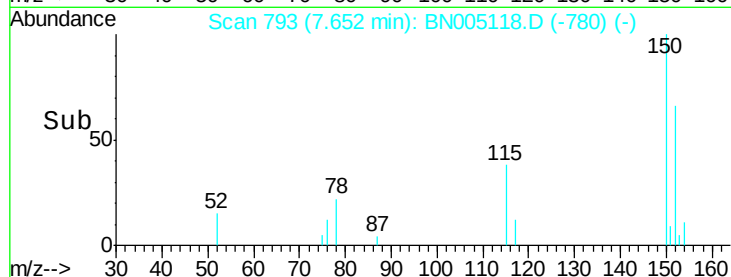
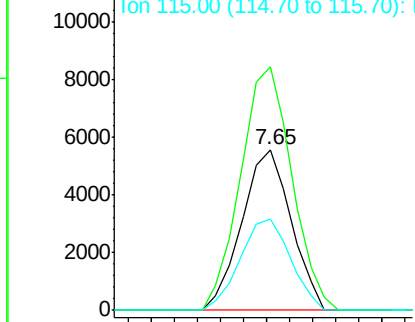
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BN005118.D
Acq: 09 Apr 2019 18:27

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 8282
Ion Ratio Lower Upper
152 100
150 151.7 126.9 190.3
115 56.9 47.8 71.6



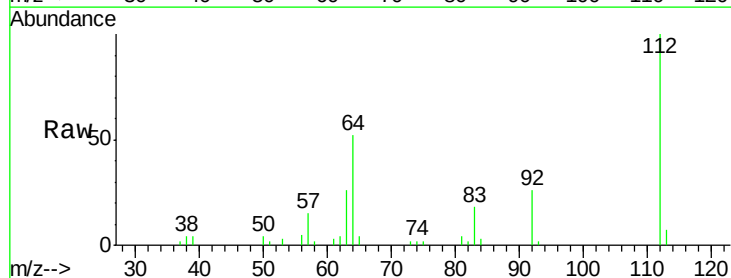
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



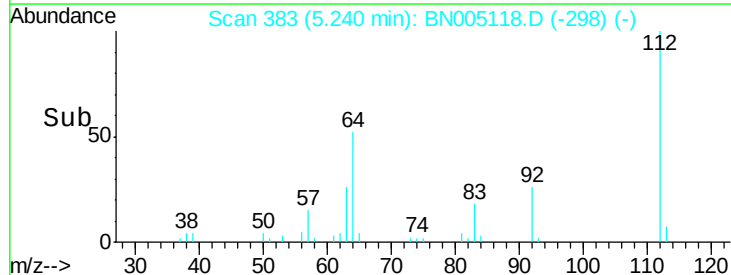
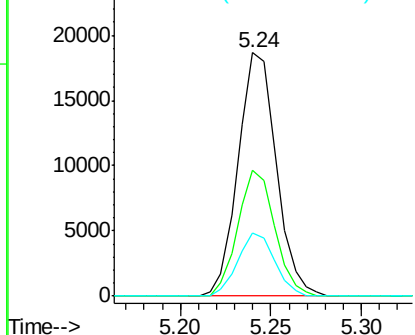
#5

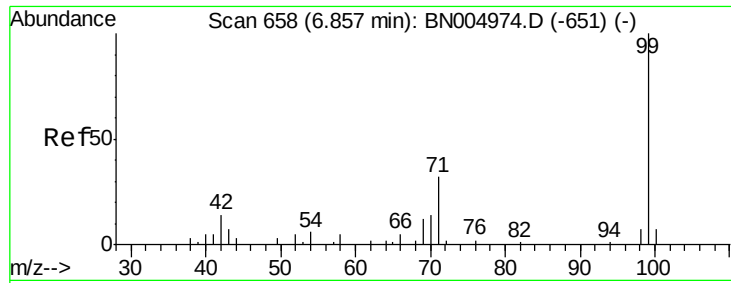
2-Fluorophenol
Concen: 57.113 ng
RT: 5.24 min Scan# 383
Delta R.T. -0.03 min
Lab File: BN005118.D
Acq: 09 Apr 2019 18:27

Tgt Ion:112 Resp: 27359
Ion Ratio Lower Upper
112 100
64 51.8 41.9 62.9
63 26.0 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: 34.513 ng

RT: 6.83 min Scan# 653

Delta R.T. -0.03 min

Lab File: BN005118.D

Acq: 09 Apr 2019 18:27

Instrument :

BNA_N

ClientSampleId :

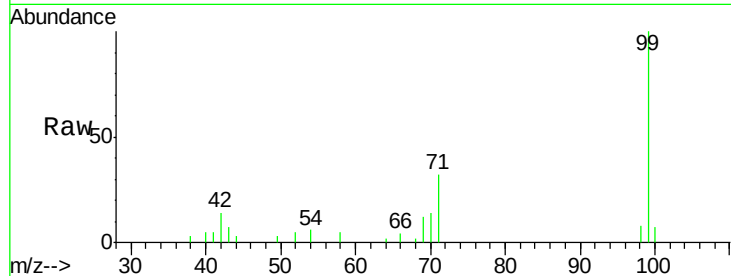
Tot Ion: 99 Resp: 21928

Ion Ratio Lower Upper

99 100

42 13.5 11.4 17.0

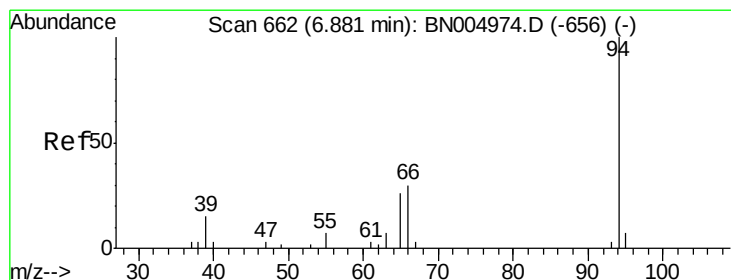
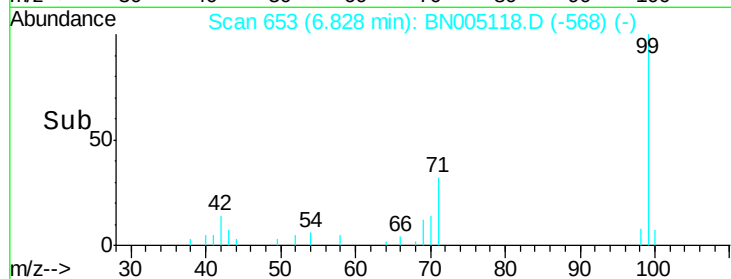
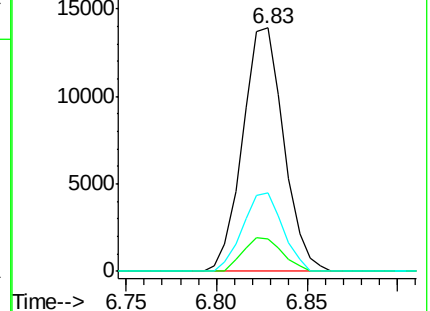
71 32.0 25.8 38.8



Abundance Ion 99.00 (98.70 to 99.70): BN004974.D (-651) (-)

Ion 42.00 (41.70 to 42.70): BN004974.D (-651) (-)

Ion 71.00 (70.70 to 71.70): BN004974.D (-651) (-)



#10

Phenol

Concen: 4.427 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.03 min

Lab File: BN005118.D

Acq: 09 Apr 2019 18:27

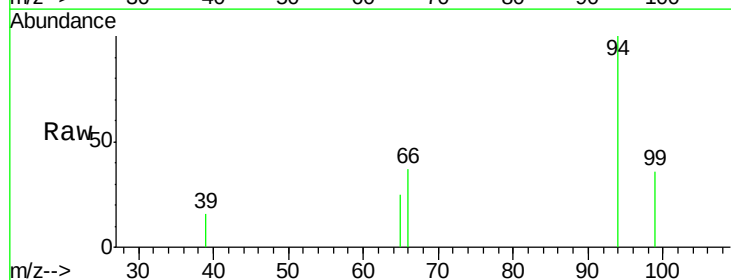
Tgt Ion: 94 Resp: 3014

Ion Ratio Lower Upper

94 100

65 24.9 5.7 45.7

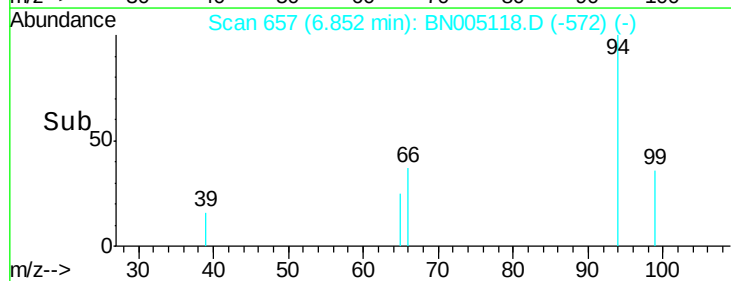
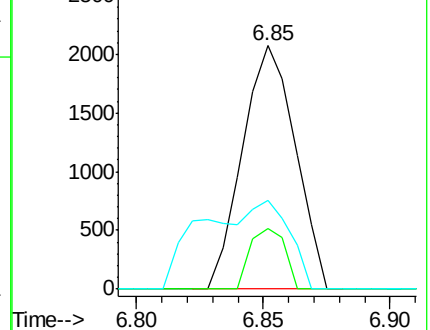
66 36.6 14.8 54.8

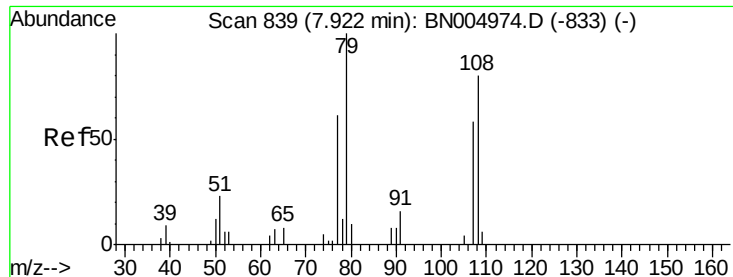


Abundance Ion 94.00 (93.70 to 94.70): BN004974.D (-656) (-)

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: 1.140 ng

RT: 7.96 min Scan# 846

Delta R.T. 0.04 min

Lab File: BN005118.D

Acq: 09 Apr 2019 18:27

Instrument :

BNA_N

ClientSampleId :

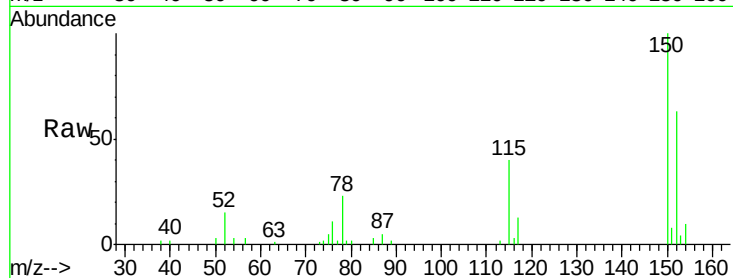
Tot Ion: 79 Resp: 551

Ion Ratio Lower Upper

79 100

108 0.0 64.0 96.0#

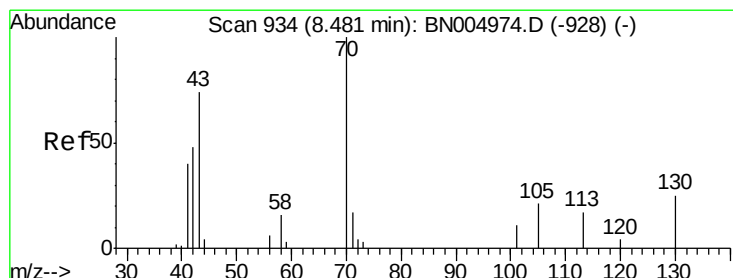
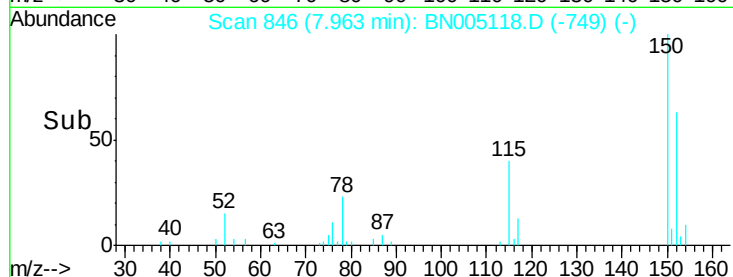
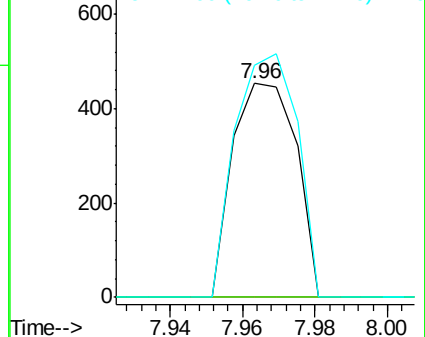
77 108.6 48.8 73.2#



Abundance Ion 79.00 (78.70 to 79.70): BNC

Ion 108.00 (107.70 to 108.70): BNC

Ion 77.00 (76.70 to 77.70): BNC



#19

n-Nitroso-di-n-propylamine

Concen: 14.336 ng

RT: 8.82 min Scan# 991

Delta R.T. 0.34 min

Lab File: BN005118.D

Acq: 09 Apr 2019 18:27

Tgt Ion: 70 Resp: 5971

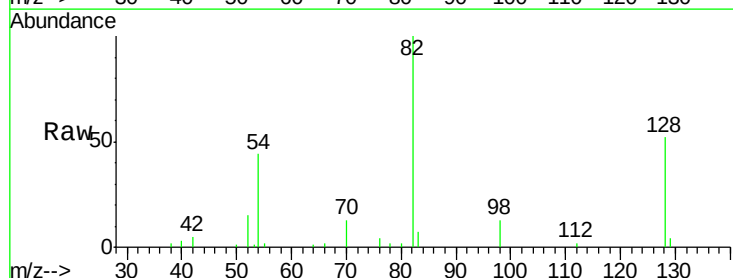
Ion Ratio Lower Upper

70 100

42 37.7 38.4 57.6#

101 0.0 8.8 13.2#

130 0.0 19.8 29.8#

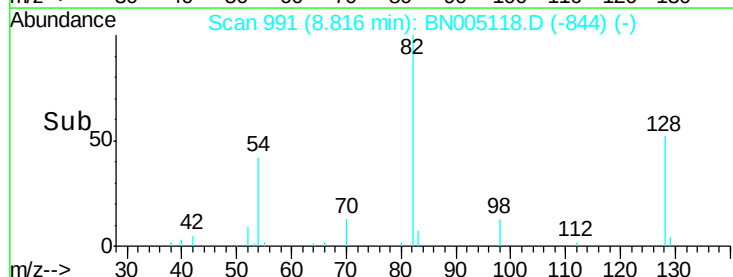
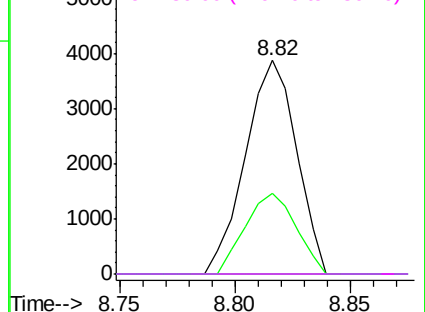


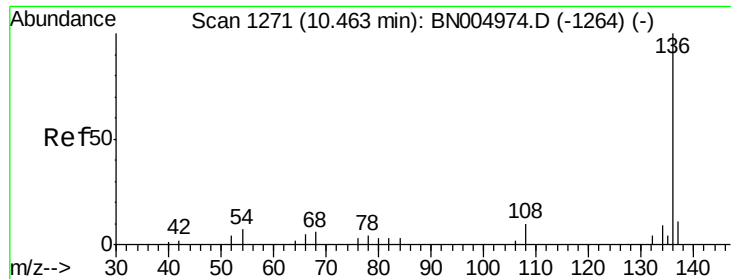
Abundance Ion 70.00 (69.70 to 70.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 101.00 (100.70 to 101.70): BNC

Ion 130.00 (129.70 to 130.70): BNC

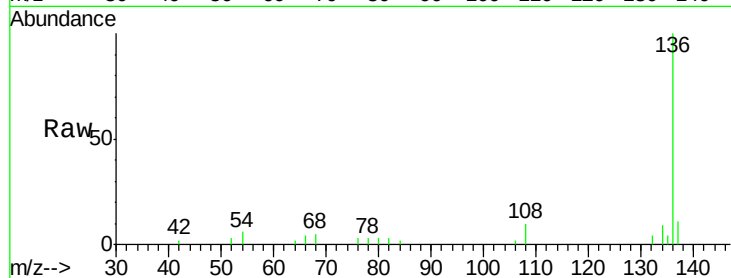




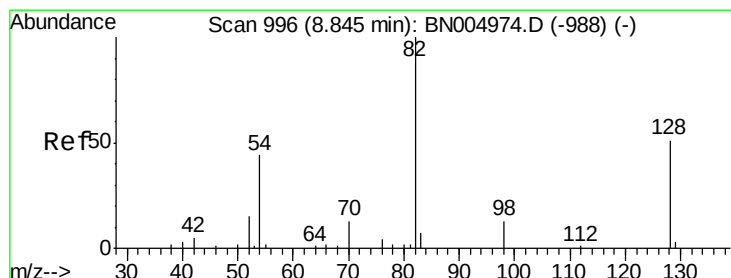
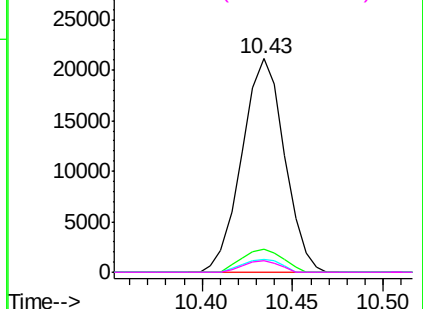
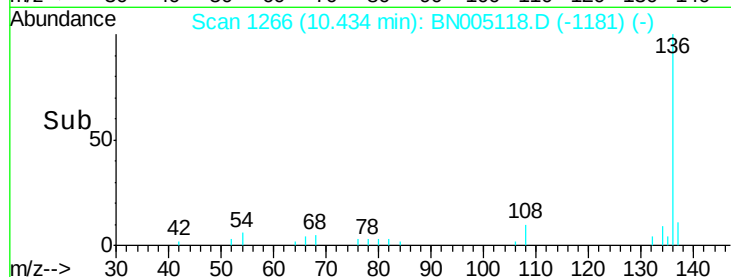
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.03 min
Lab File: BN005118.D
Acq: 09 Apr 2019 18:27

Instrument :
BNA_N
ClientSampleId :

Tot Ion:136	Resp:	34548
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.9 13.3
54	6.0	5.3 7.9
68	5.3	4.6 6.8

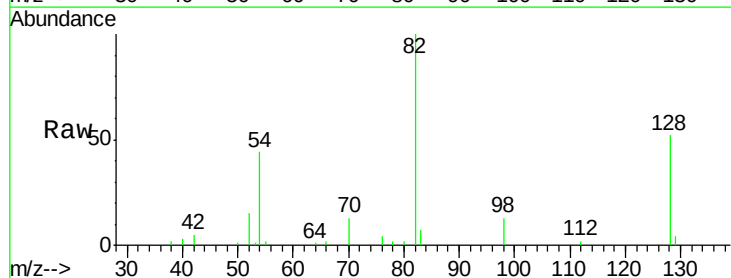


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

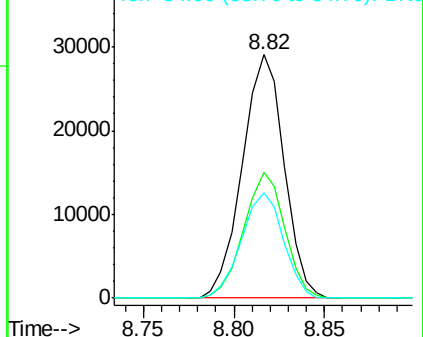
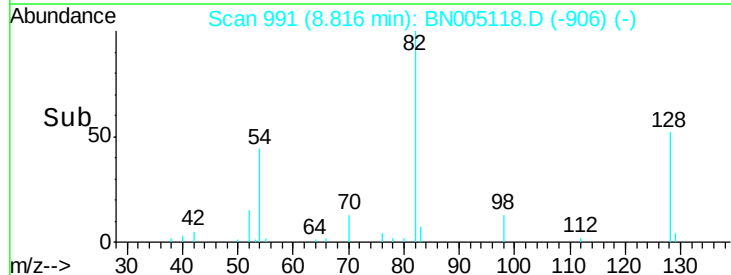


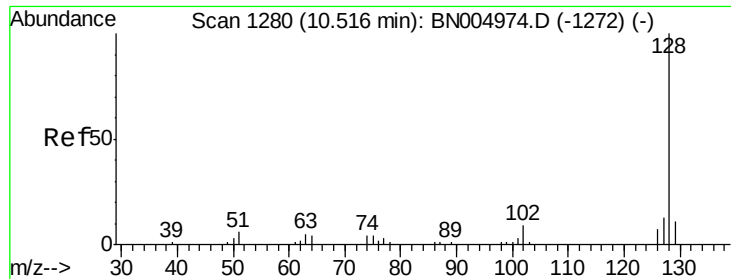
#23
Nitrobenzene-d5
Concen: 81.560 ng
RT: 8.82 min Scan# 991
Delta R.T. -0.03 min
Lab File: BN005118.D
Acq: 09 Apr 2019 18:27

Tgt Ion: 82	Resp:	46581
Ion	Ratio	Lower Upper
82	100	
128	51.7	40.6 60.8
54	43.5	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

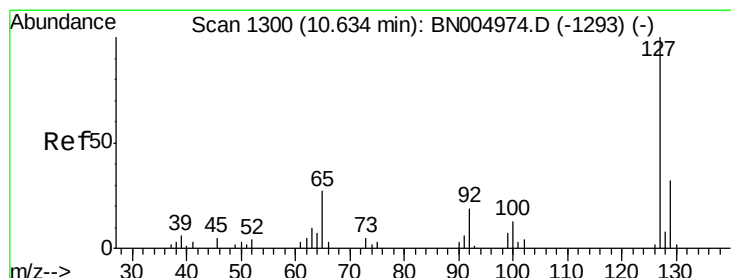
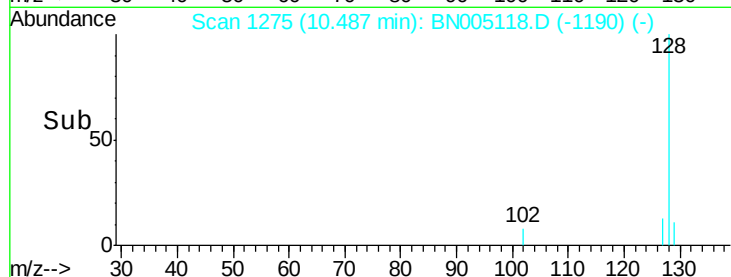
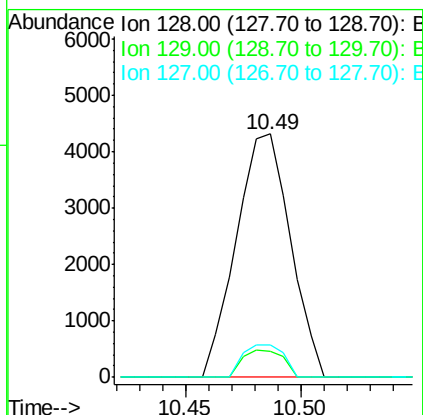
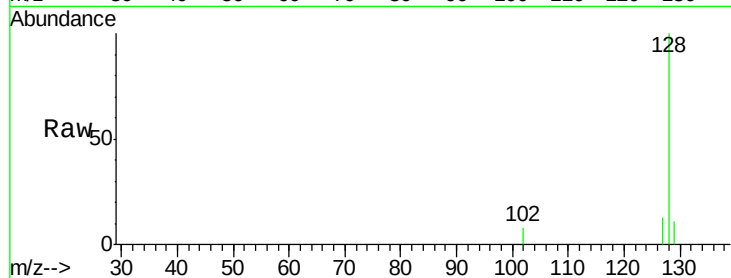




#31
Naphthalene
Concen: 3.912 ng
RT: 10.49 min Scan# 1275
Delta R.T. -0.03 min
Lab File: BN005118.D
Acq: 09 Apr 2019 18:27

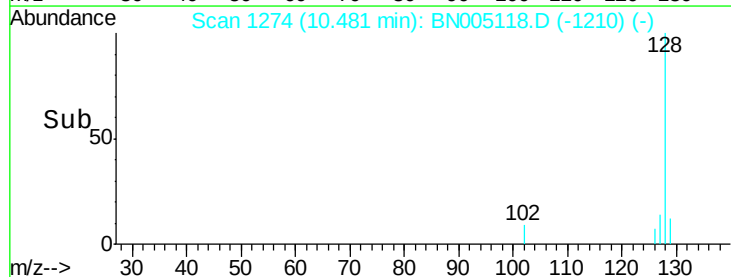
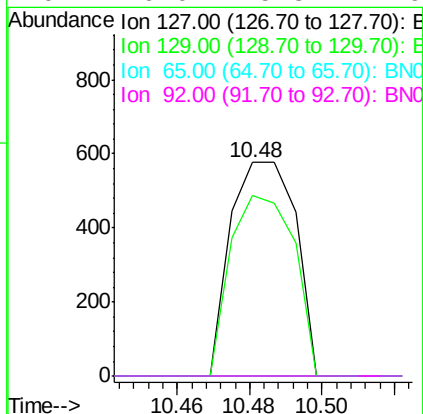
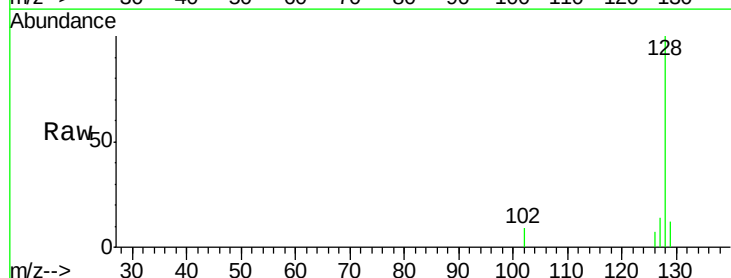
Instrument :
BNA_N
ClientSampleId :

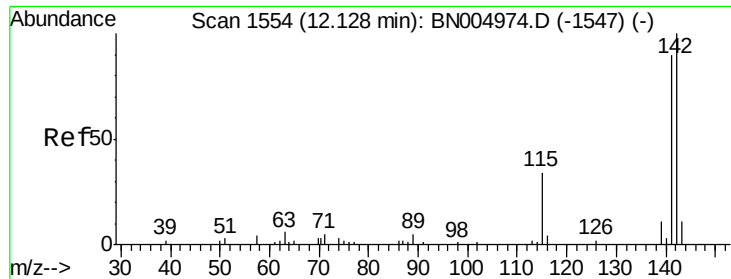
Tot Ion:128 Resp: 7051
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.4 10.8 16.2



#33
4-Chloroaniline
Concen: 0.983 ng
RT: 10.48 min Scan# 1274
Delta R.T. -0.15 min
Lab File: BN005118.D
Acq: 09 Apr 2019 18:27

Tgt Ion:127 Resp: 721
Ion Ratio Lower Upper
127 100
129 84.6 25.9 38.9#
65 0.0 21.4 32.0#
92 0.0 15.3 22.9#

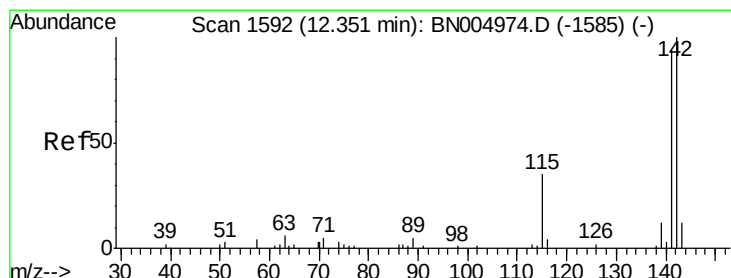
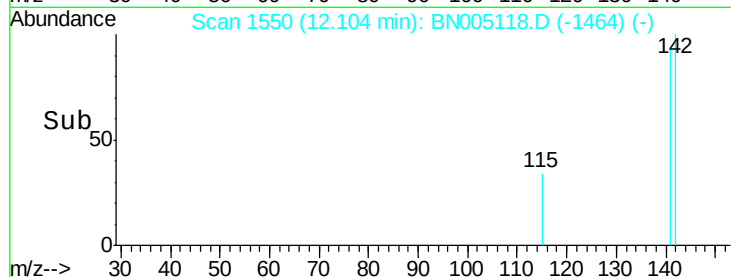
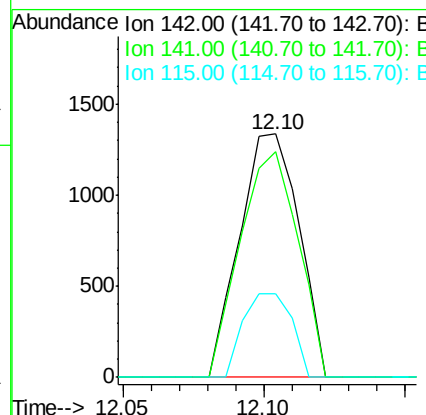
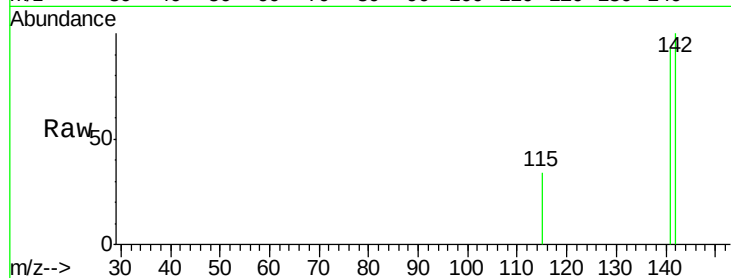




#37
 2-Methylnaphthalene
 Concen: 1.530 ng
 RT: 12.10 min Scan# 1550
 Delta R.T. -0.02 min
 Lab File: BN005118.D
 Acq: 09 Apr 2019 18:27

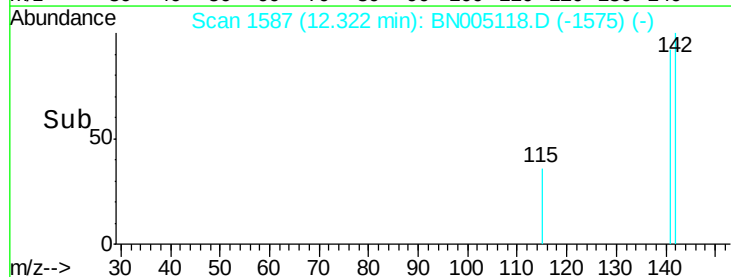
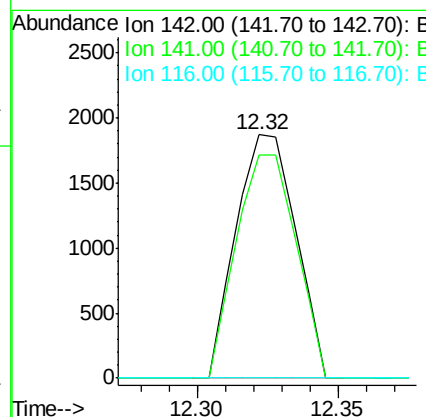
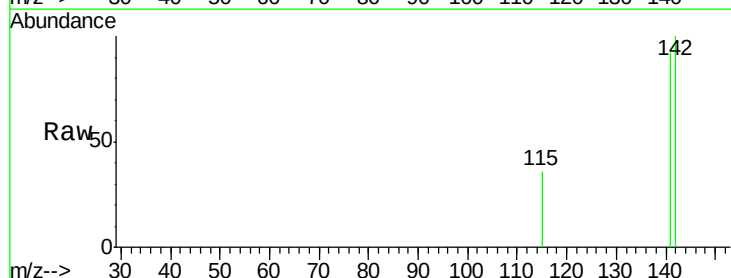
Instrument :
 BNA_N
 ClientSampleId :

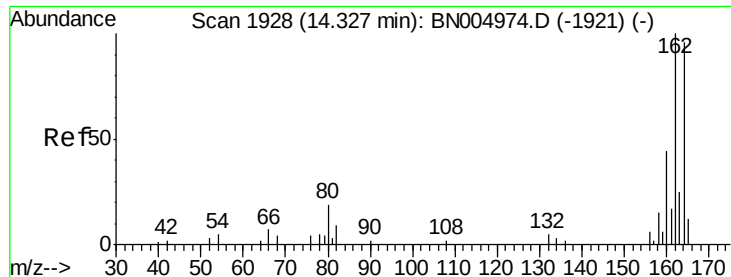
Tot Ion:142 Resp: 1947
 Ion Ratio Lower Upper
 142 100
 141 92.9 71.8 107.8
 115 34.2 27.0 40.4



#38
 1-Methylnaphthalene
 Concen: 2.202 ng
 RT: 12.32 min Scan# 1587
 Delta R.T. -0.03 min
 Lab File: BN005118.D
 Acq: 09 Apr 2019 18:27

Tgt Ion:142 Resp: 2742
 Ion Ratio Lower Upper
 142 100
 141 91.5 74.9 112.3
 116 0.0 3.0 4.4#

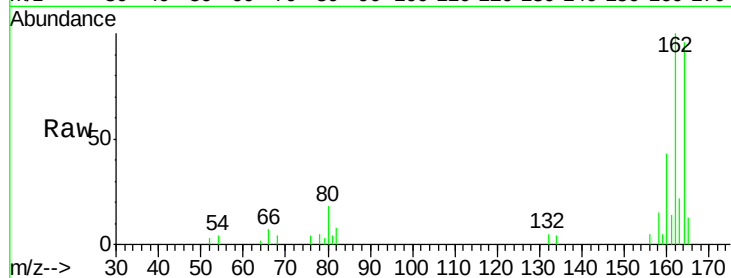




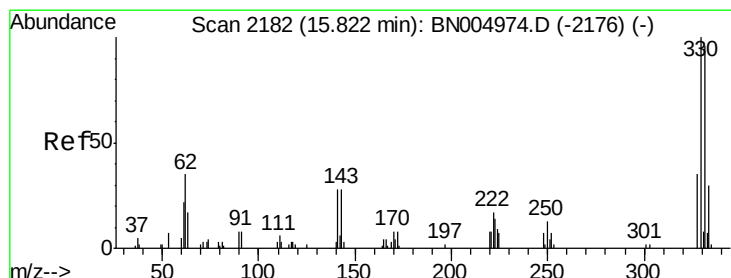
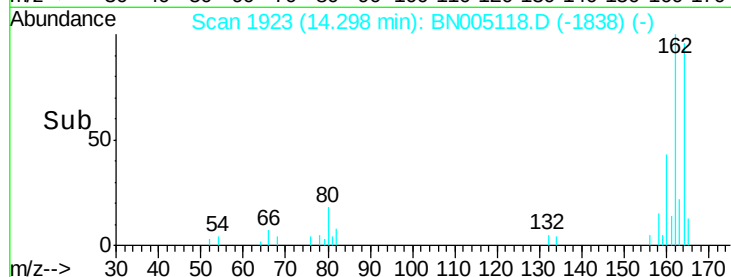
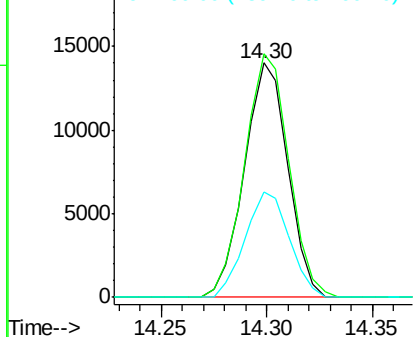
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1923
Delta R.T. -0.03 min
Lab File: BN005118.D
Acq: 09 Apr 2019 18:27

Instrument :
BNA_N
ClientSampleId :

Tot Ion:164 Resp: 19959
Ion Ratio Lower Upper
164 100
162 103.9 83.4 125.0
160 44.8 36.6 55.0

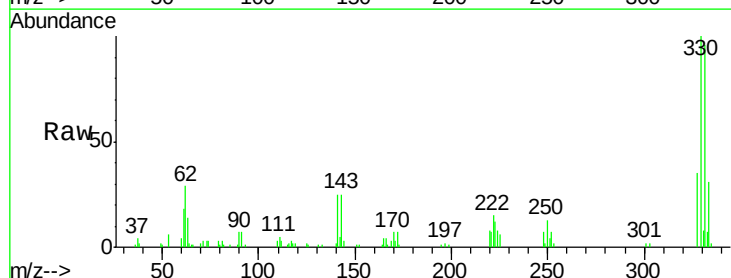


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

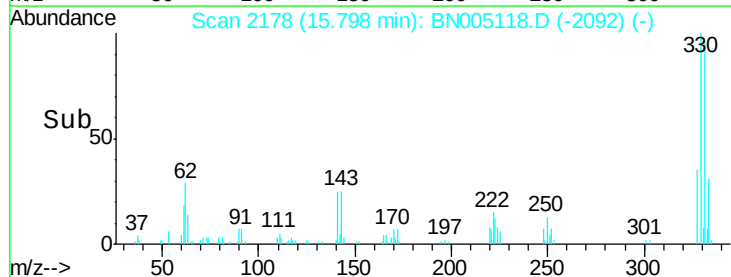
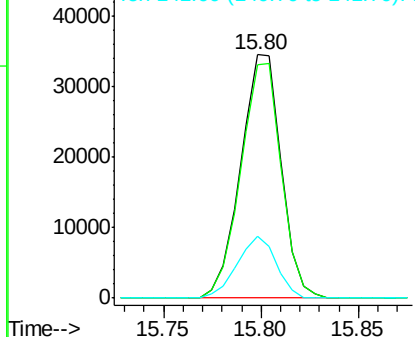


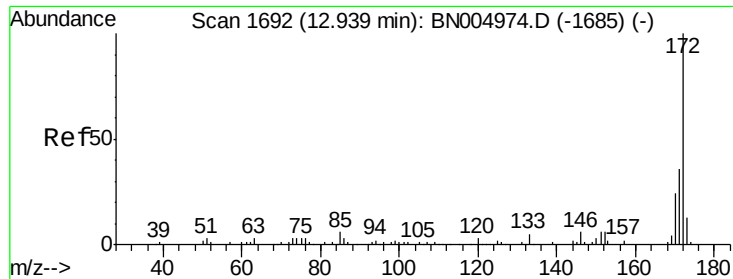
#42
2,4,6-Tribromophenol
Concen: 154.150 ng
RT: 15.80 min Scan# 2178
Delta R.T. -0.02 min
Lab File: BN005118.D
Acq: 09 Apr 2019 18:27

Tgt Ion:330 Resp: 49621
Ion Ratio Lower Upper
330 100
332 96.5 77.4 116.0
141 24.2 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

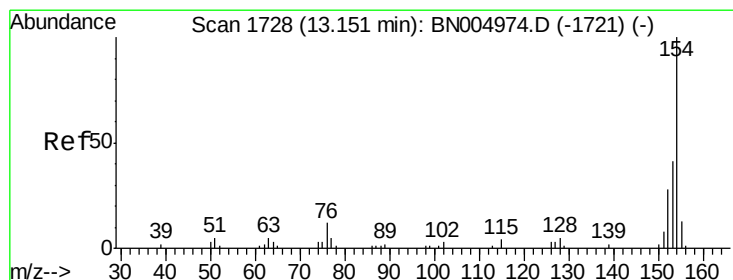
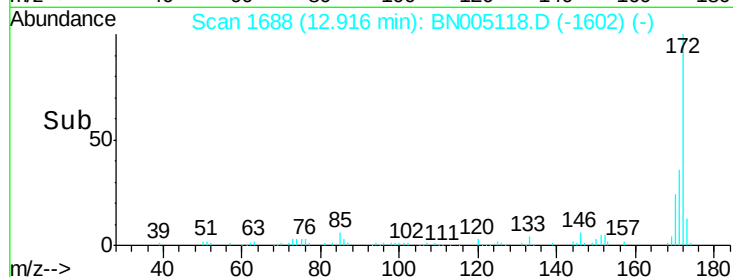
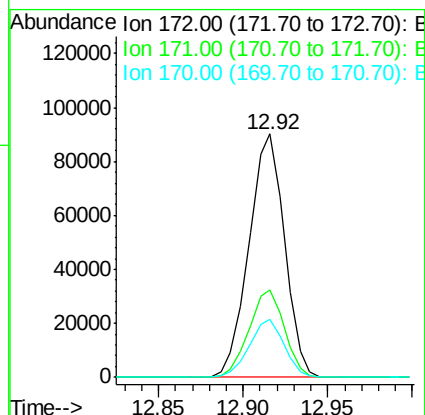
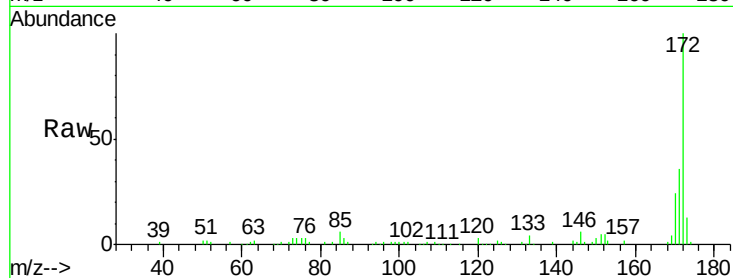




#45
 2-Fluorobiphenyl
 Concen: 87.840 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BN005118.D
 Acq: 09 Apr 2019 18:27

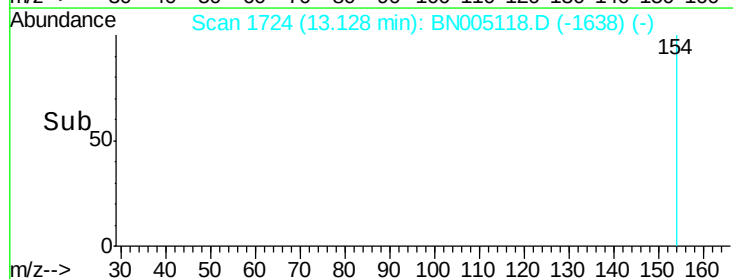
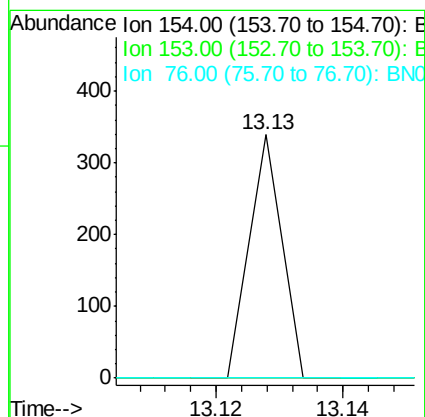
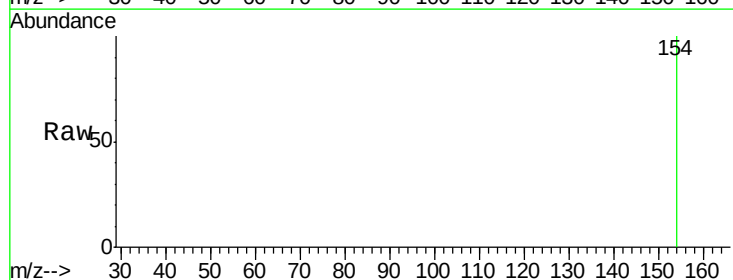
Instrument :
 BNA_N
 ClientSampleId :

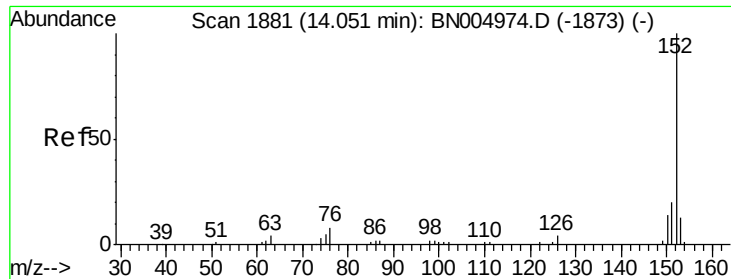
Tot Ion:172 Resp: 132304
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 42.8
 170 23.6 18.9 28.3



#46
 1,1'-Biphenyl
 Concen: 0.071 ng
 RT: 13.13 min Scan# 1724
 Delta R.T. -0.02 min
 Lab File: BN005118.D
 Acq: 09 Apr 2019 18:27

Tgt Ion:154 Resp: 120
 Ion Ratio Lower Upper
 154 100
 153 0.0 21.2 61.2#
 76 0.0 0.0 32.2





#49

Acenaphthylene

Concen: 0.427 ng

RT: 14.36 min Scan# 1934

Delta R.T. 0.31 min

Lab File: BN005118.D

Acq: 09 Apr 2019 18:27

Instrument :

BNA_N

ClientSampleId :

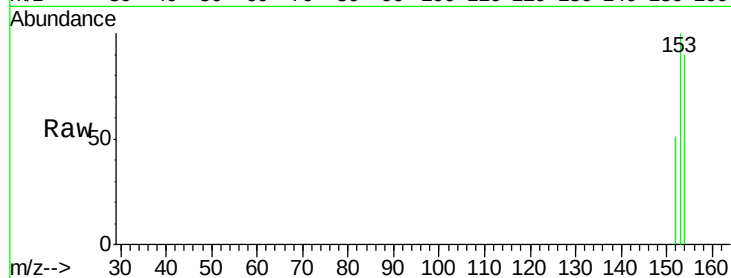
Tot Ion:152 Resp: 932

Ion Ratio Lower Upper

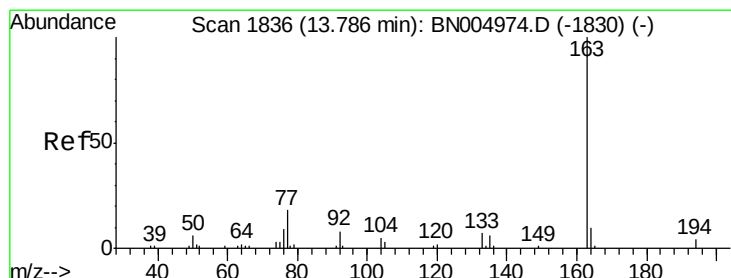
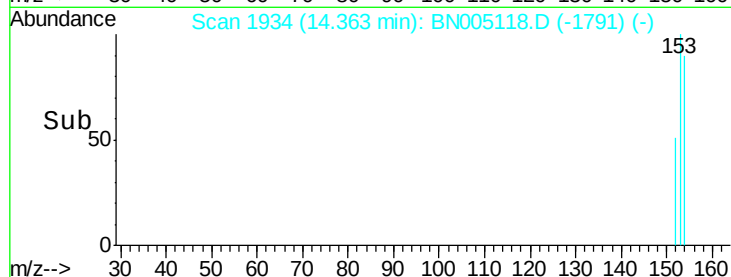
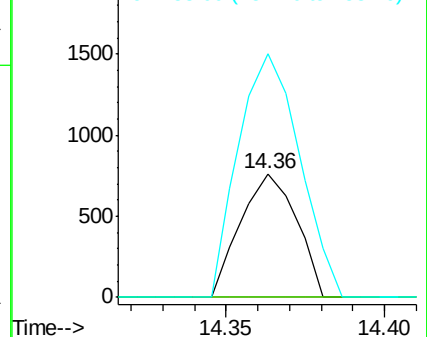
152 100

151 0.0 16.2 24.2#

153 197.5 10.3 15.5#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 3.220 ng

RT: 13.76 min Scan# 1831

Delta R.T. -0.03 min

Lab File: BN005118.D

Acq: 09 Apr 2019 18:27

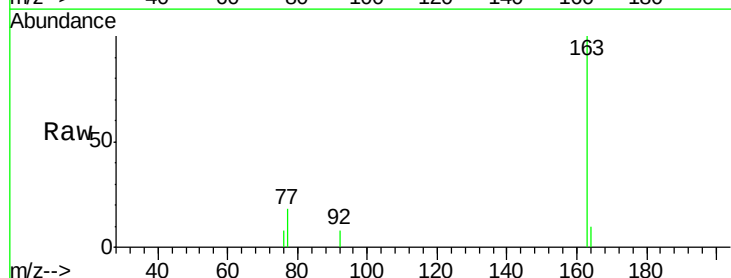
Tgt Ion:163 Resp: 5280

Ion Ratio Lower Upper

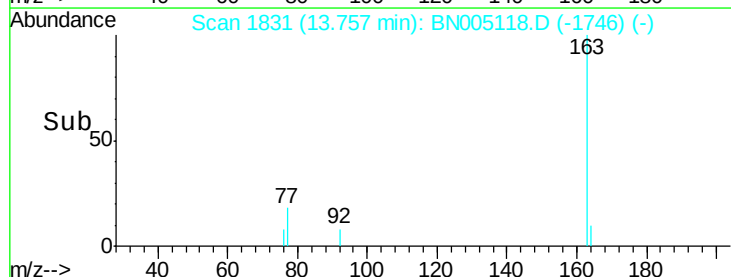
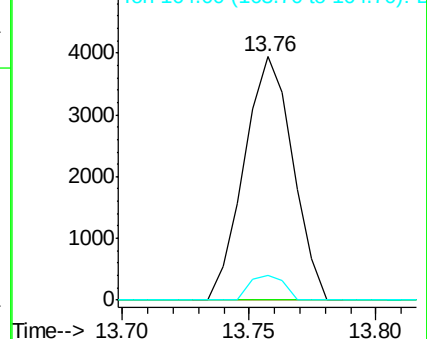
163 100

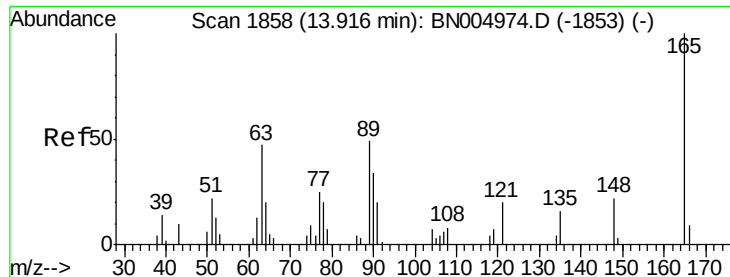
194 0.0 3.4 5.0#

164 10.3 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

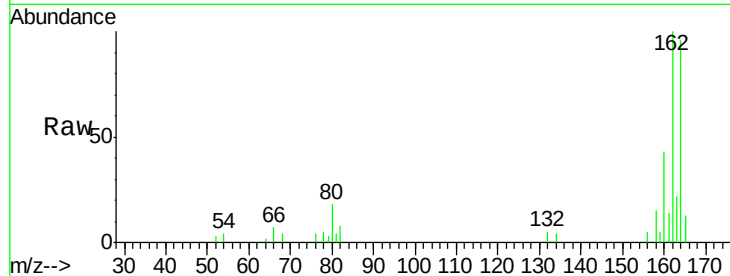




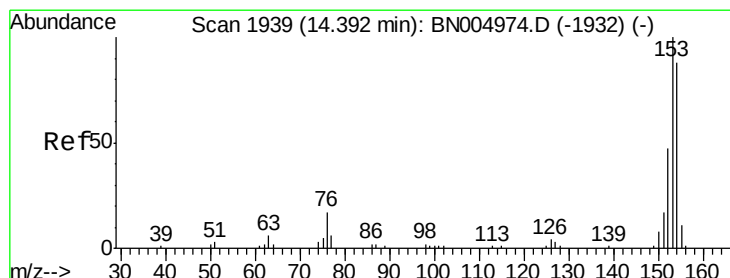
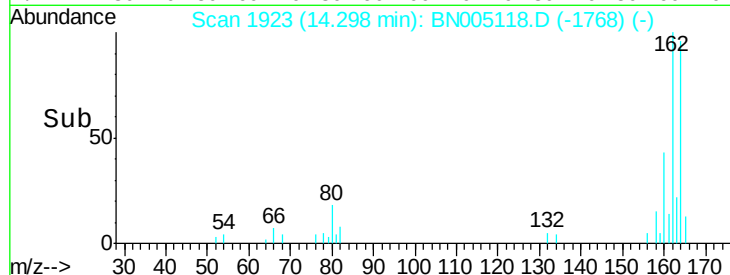
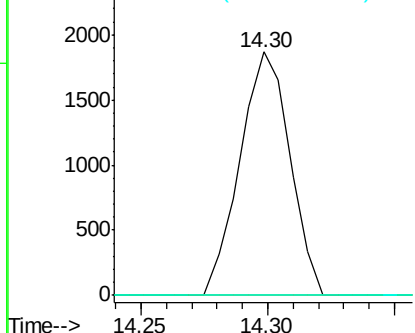
#51
 2,6-Dinitrotoluene
 Concen: 6.866 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. 0.38 min
 Lab File: BN005118.D
 Acq: 09 Apr 2019 18:27

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:165 Resp: 2562
 Ion Ratio Lower Upper
 165 100
 63 0.0 37.3 55.9#
 89 0.0 39.2 58.8#

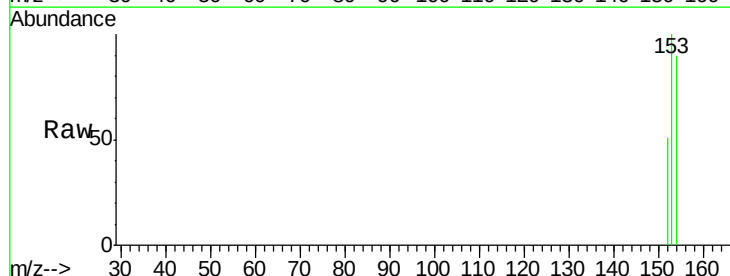


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 89.00 (88.70 to 89.70): BNC

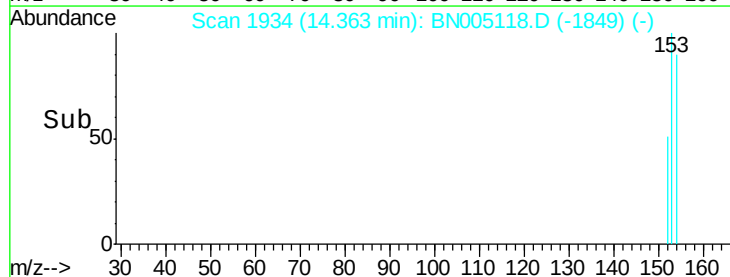
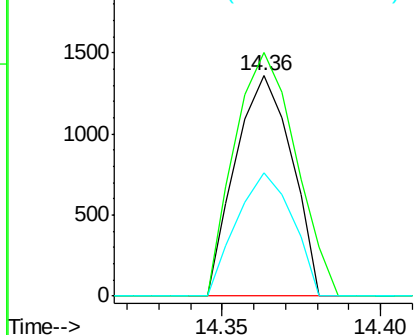


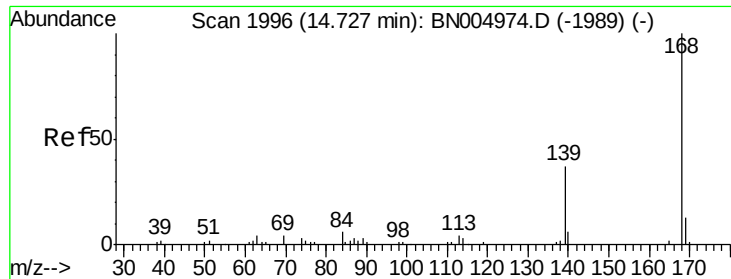
#52
 Acenaphthene
 Concen: 1.368 ng
 RT: 14.36 min Scan# 1934
 Delta R.T. -0.03 min
 Lab File: BN005118.D
 Acq: 09 Apr 2019 18:27

Tgt Ion:154 Resp: 1678
 Ion Ratio Lower Upper
 154 100
 153 110.7 91.0 136.4
 152 56.0 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: 0.397 ng

RT: 14.70 min Scan# 1991

Delta R.T. -0.03 min

Lab File: BN005118.D

Acq: 09 Apr 2019 18:27

Instrument :

BNA_N

ClientSampleId :

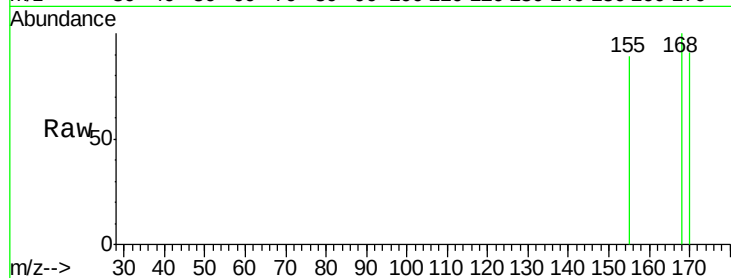
Tot Ion:168 Resp: 775

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

14.70

600

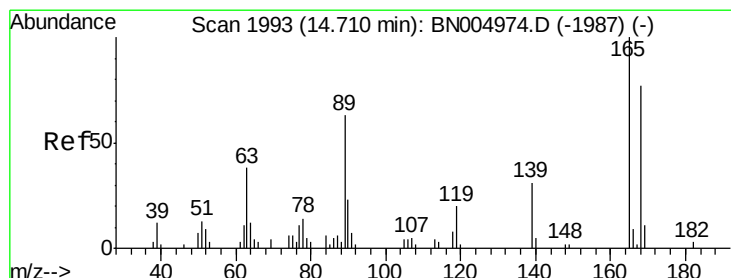
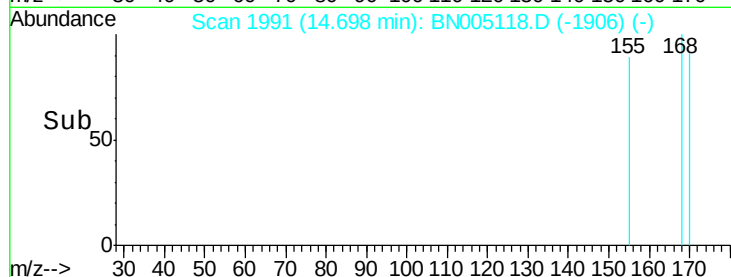
400

200

0

14.68 14.70 14.72

Time-->



#57

2,4-Dinitrotoluene

Concen: 5.052 ng

RT: 14.30 min Scan# 1923

Delta R.T. -0.41 min

Lab File: BN005118.D

Acq: 09 Apr 2019 18:27

Tgt Ion:165 Resp: 2562

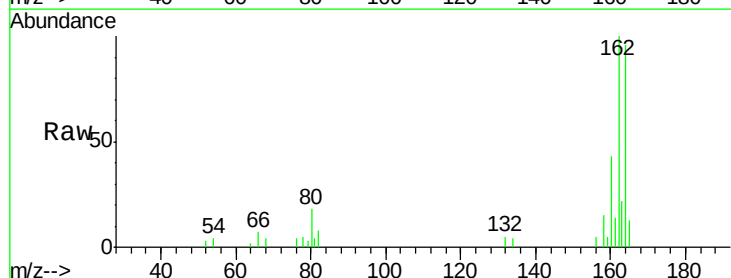
Ion Ratio Lower Upper

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

14.30

2500

2000

1500

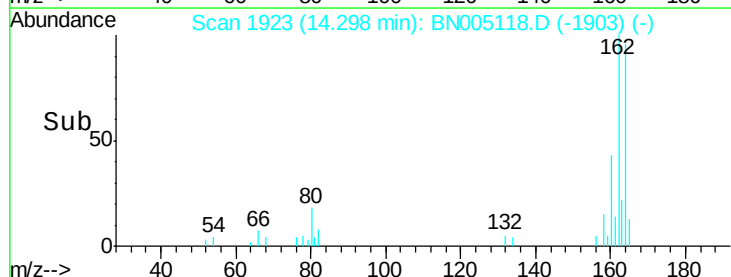
1000

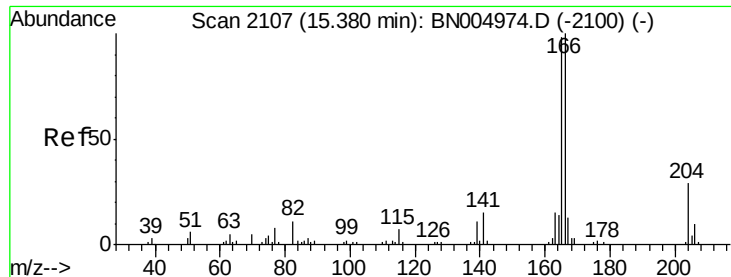
500

0

14.25 14.30

Time-->

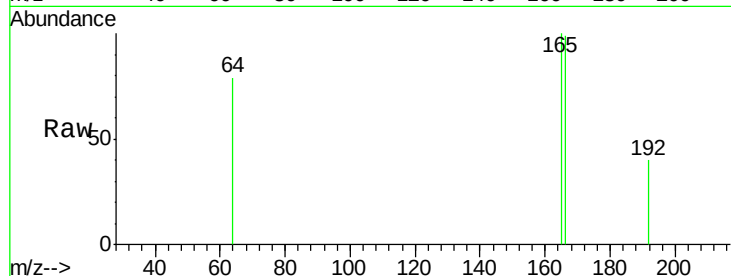




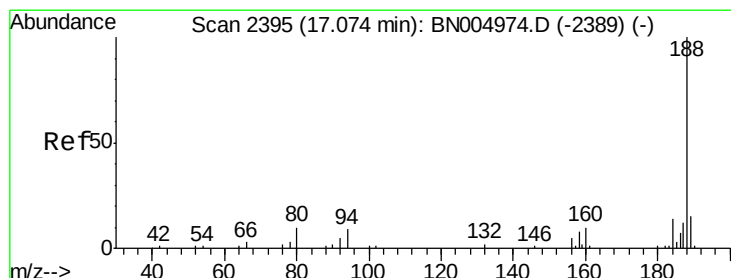
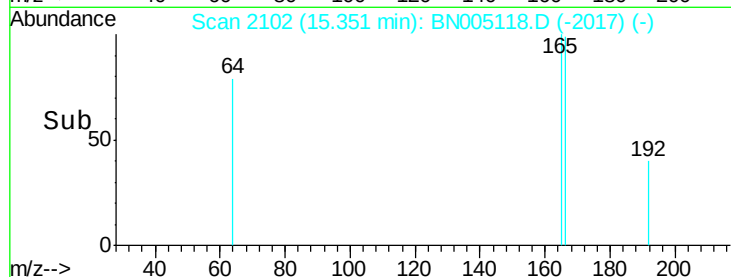
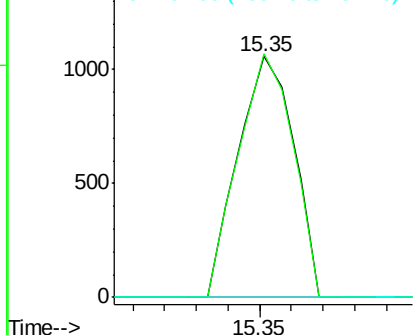
#58
 Fluorene
 Concen: 0.819 ng
 RT: 15.35 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: BN005118.D
 Acq: 09 Apr 2019 18:27

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:166 Resp: 1291
 Ion Ratio Lower Upper
 166 100
 165 101.0 78.3 117.5
 167 0.0 10.6 15.8#

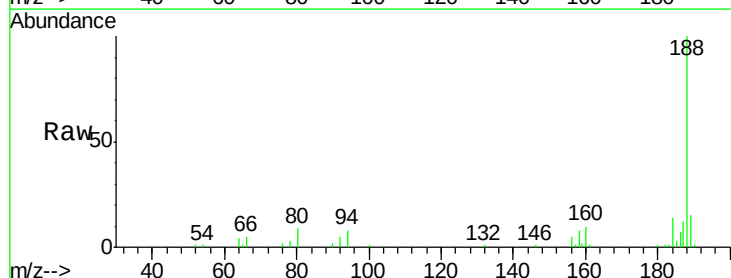


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

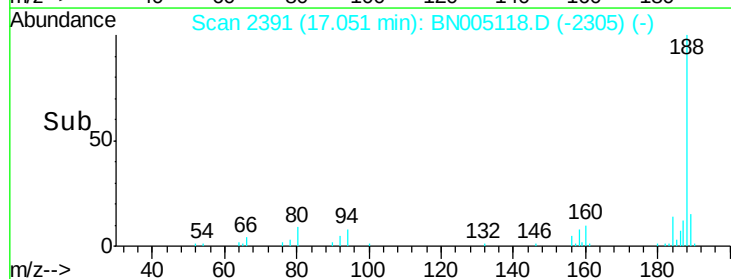
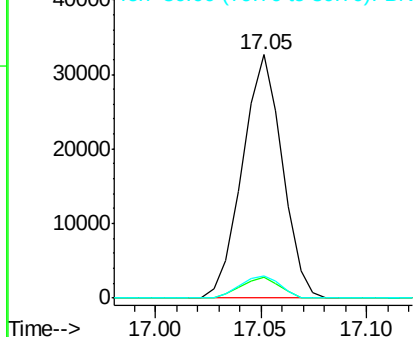


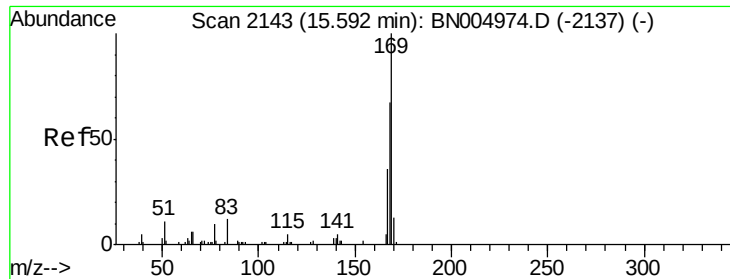
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.05 min Scan# 2391
 Delta R.T. -0.02 min
 Lab File: BN005118.D
 Acq: 09 Apr 2019 18:27

Tgt Ion:188 Resp: 42806
 Ion Ratio Lower Upper
 188 100
 94 8.4 7.2 10.8
 80 9.3 7.8 11.6



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

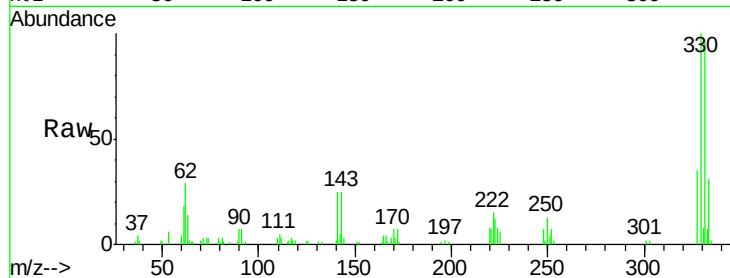




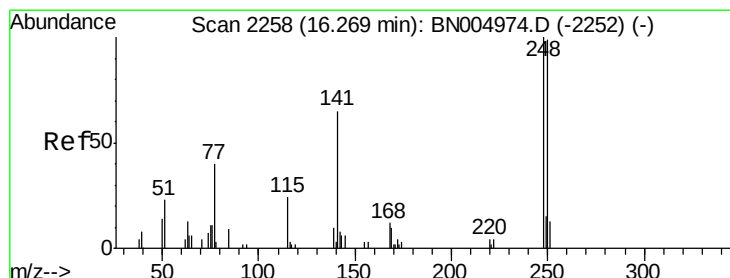
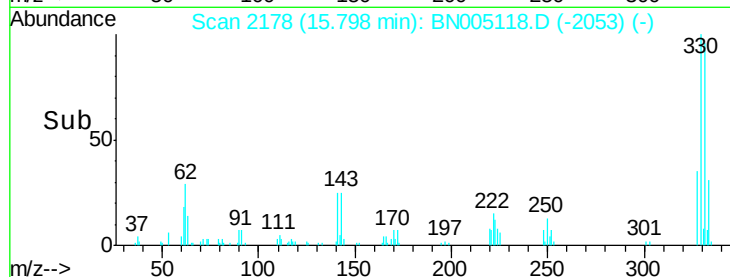
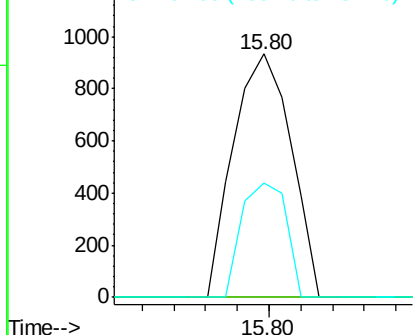
#66
 n-Nitrosodiphenylamine
 Concen: 0.873 ng
 RT: 15.80 min Scan# 2178
 Delta R.T. 0.21 min
 Lab File: BN005118.D
 Acq: 09 Apr 2019 18:27

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:169 Resp: 1177
 Ion Ratio Lower Upper
 169 100
 168 0.0 53.4 80.2#
 167 46.9 28.9 43.3#

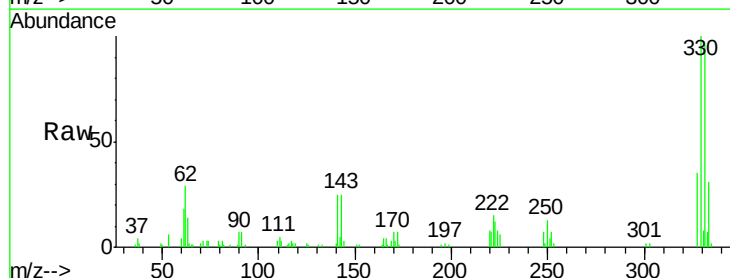


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

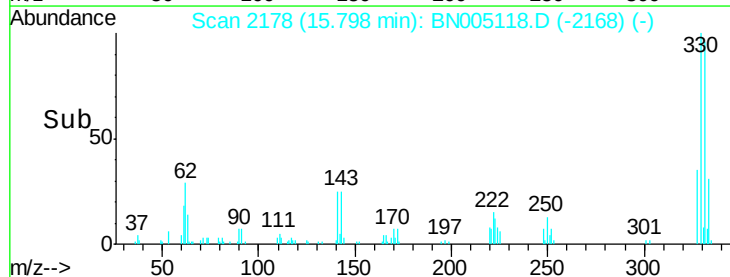
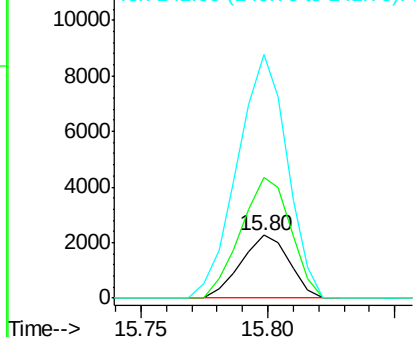


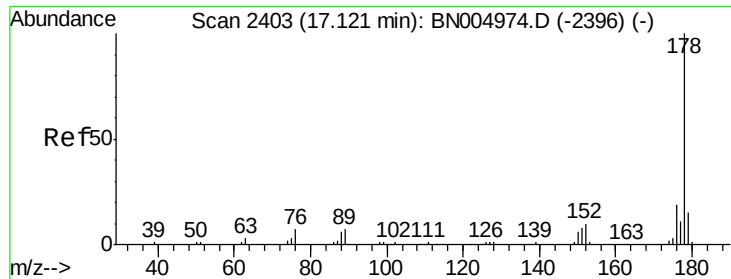
#67
 4-Bromophenyl-phenylether
 Concen: 5.629 ng
 RT: 15.80 min Scan# 2178
 Delta R.T. -0.47 min
 Lab File: BN005118.D
 Acq: 09 Apr 2019 18:27

Tgt Ion:248 Resp: 3007
 Ion Ratio Lower Upper
 248 100
 250 194.0 79.4 119.2#
 141 389.2 52.3 78.5#



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

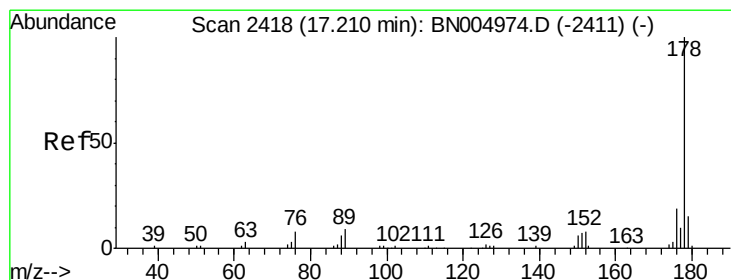
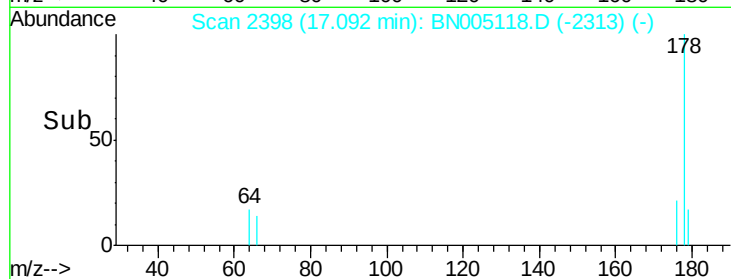
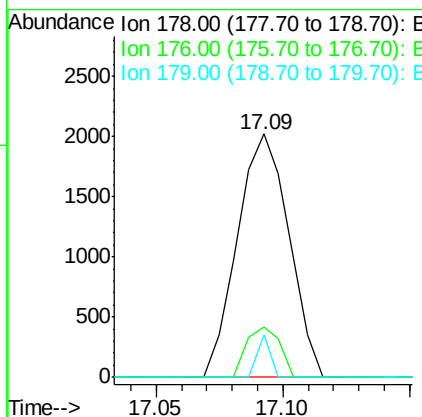
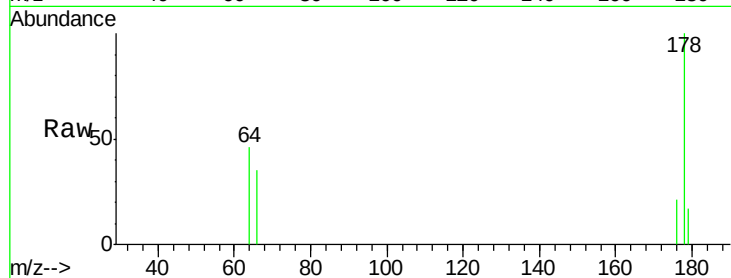




#71
 Phenanthrene
 Concen: 1.189 ng
 RT: 17.09 min Scan# 2398
 Delta R.T. -0.03 min
 Lab File: BN005118.D
 Acq: 09 Apr 2019 18:27

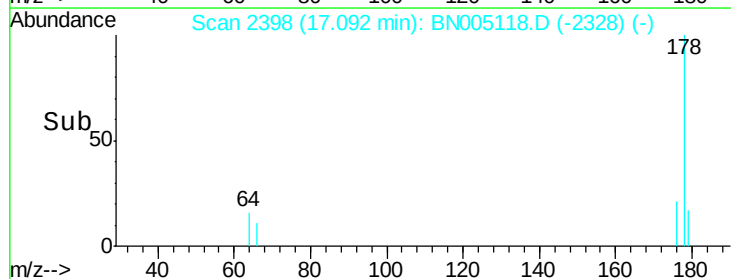
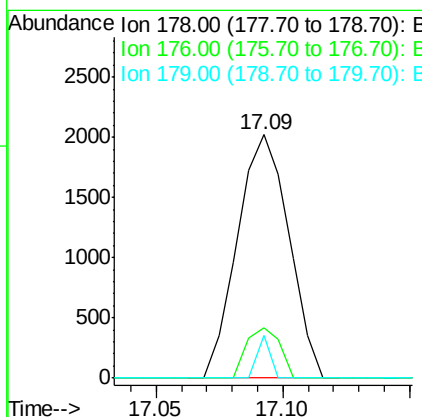
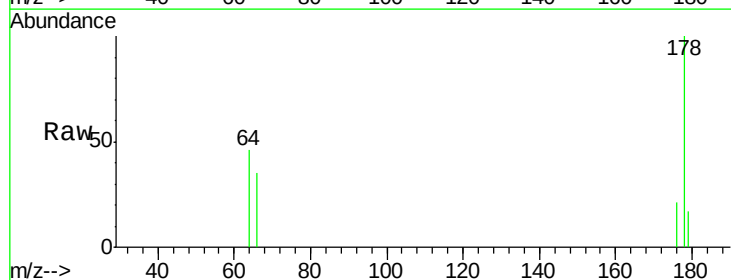
Instrument :
 BNA_N
 ClientSampleId :

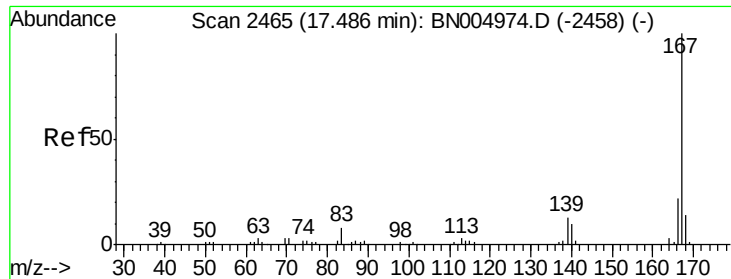
Tot Ion:178 Resp: 2860
 Ion Ratio Lower Upper
 178 100
 176 20.5 15.4 23.2
 179 17.4 12.3 18.5



#72
 Anthracene
 Concen: 1.195 ng
 RT: 17.09 min Scan# 2398
 Delta R.T. -0.12 min
 Lab File: BN005118.D
 Acq: 09 Apr 2019 18:27

Tgt Ion:178 Resp: 2860
 Ion Ratio Lower Upper
 178 100
 176 20.5 15.0 22.4
 179 17.4 12.3 18.5





#73

Carbazole

Concen: 0.180 ng

RT: 17.46 min Scan# 2461

Delta R.T. -0.02 min

Lab File: BN005118.D

Acq: 09 Apr 2019 18:27

Instrument :

BNA_N

ClientSampleId :

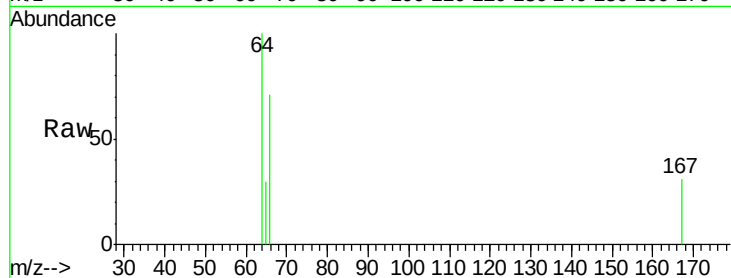
Tot Ion:167 Resp: 393

Ion Ratio Lower Upper

167 100

166 0.0 17.8 26.8#

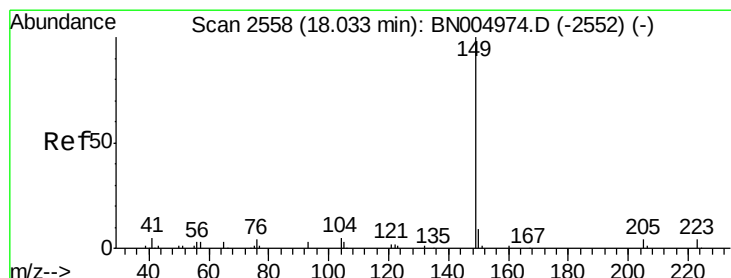
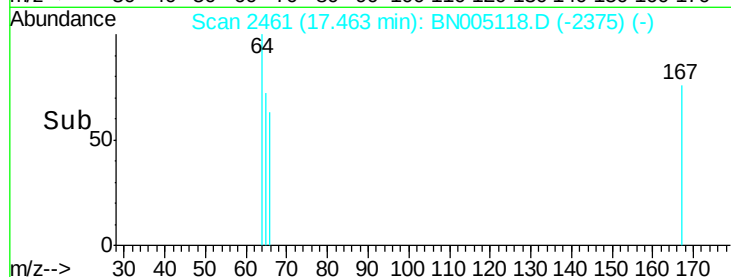
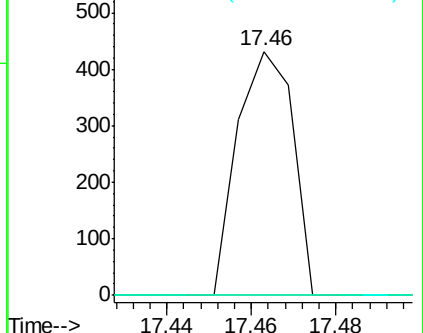
139 0.0 10.6 16.0#



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



#74

Di-n-butylphthalate

Concen: 0.291 ng

RT: 18.01 min Scan# 2554

Delta R.T. -0.02 min

Lab File: BN005118.D

Acq: 09 Apr 2019 18:27

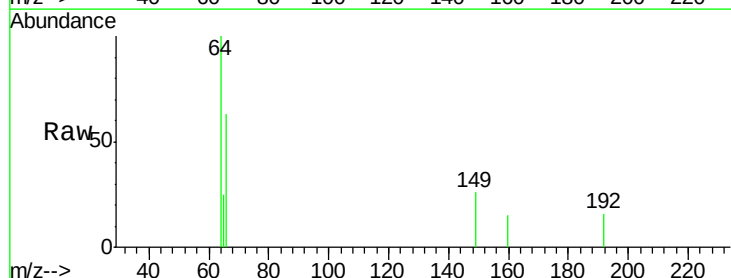
Tgt Ion:149 Resp: 772

Ion Ratio Lower Upper

149 100

150 0.0 7.4 11.0#

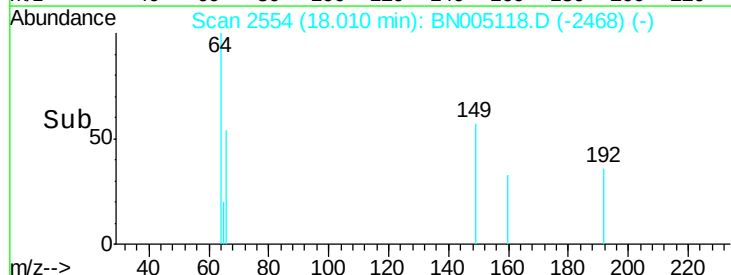
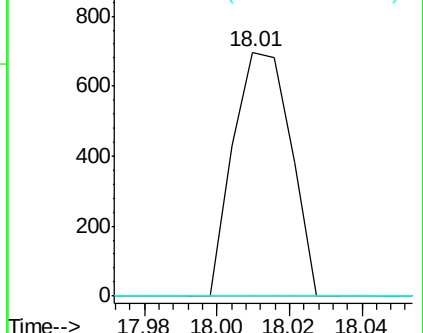
104 0.0 3.7 5.5#

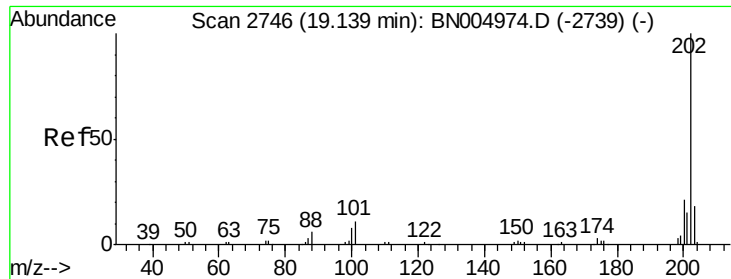


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

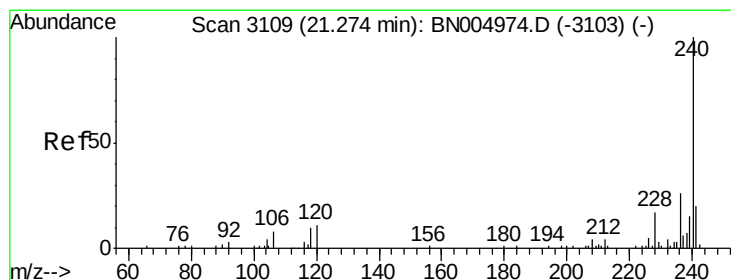
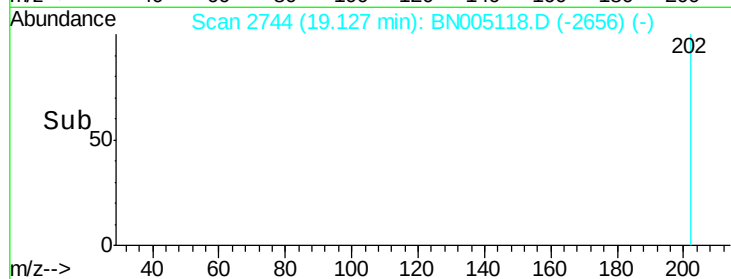
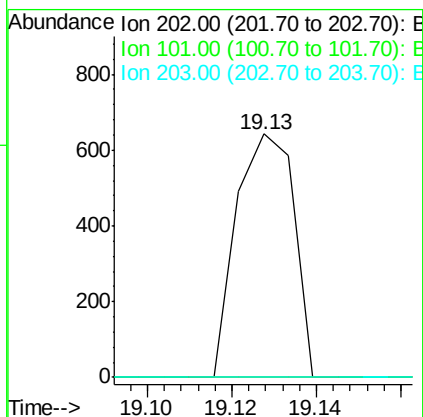
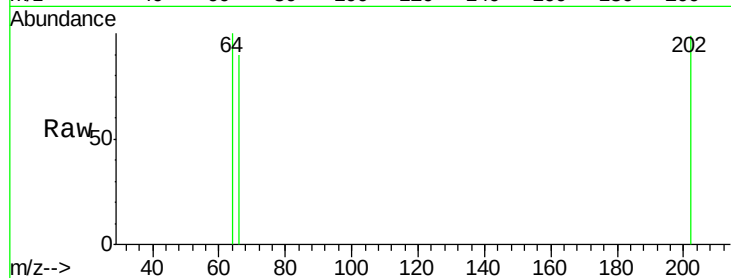




#75
 Fluoranthene
 Concen: 0.221 ng
 RT: 19.13 min Scan# 2744
 Delta R.T. -0.01 min
 Lab File: BN005118.D
 Acq: 09 Apr 2019 18:27

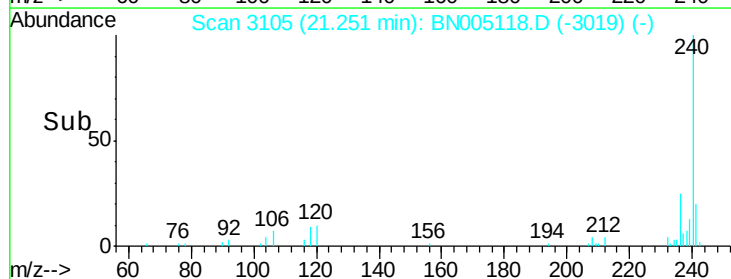
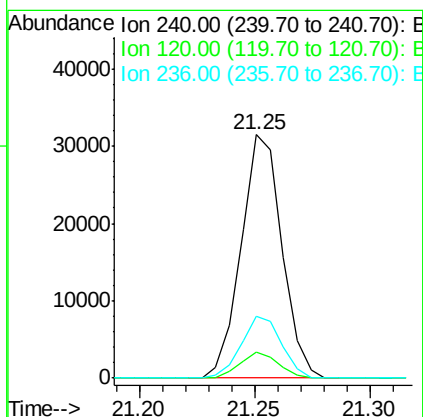
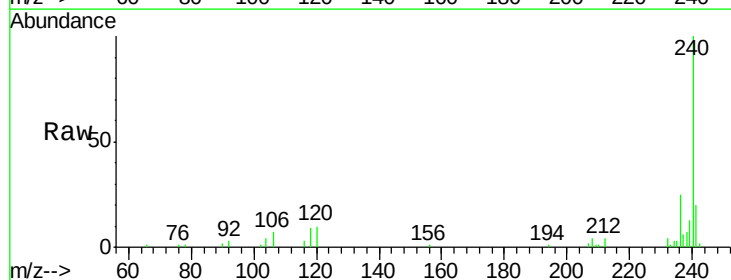
Instrument :
 BNA_N
 ClientSampleId :

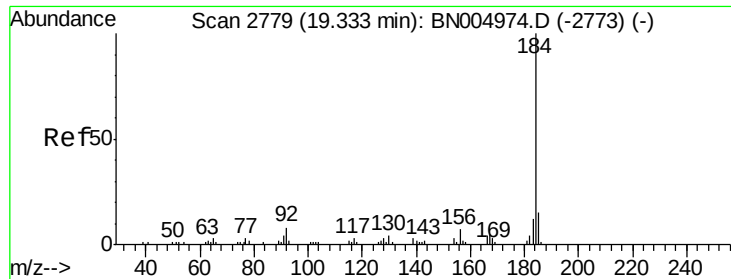
Tot Ion:202 Resp: 607
 Ion Ratio Lower Upper
 202 100
 101 0.0 0.0 31.1
 203 0.0 0.0 37.5



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.25 min Scan# 3105
 Delta R.T. -0.02 min
 Lab File: BN005118.D
 Acq: 09 Apr 2019 18:27

Tgt Ion:240 Resp: 38800
 Ion Ratio Lower Upper
 240 100
 120 10.5 8.5 12.7
 236 25.3 21.2 31.8





#77

Benzidine

Concen: 1.837 ng

RT: 19.69 min Scan# 2840

Delta R.T. 0.36 min

Lab File: BN005118.D

Acq: 09 Apr 2019 18:27

Instrument :

BNA_N

ClientSampleId :

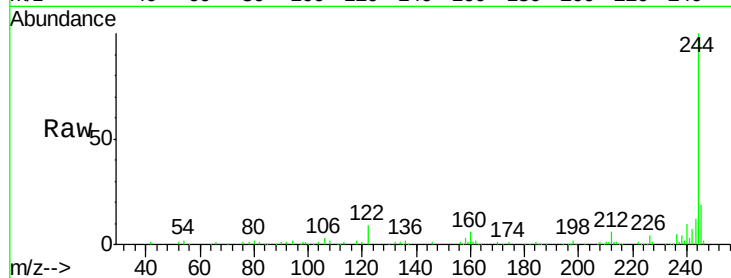
Tot Ion:184 Resp: 2221

Ion Ratio Lower Upper

184 100

185 16.7 11.8 17.8

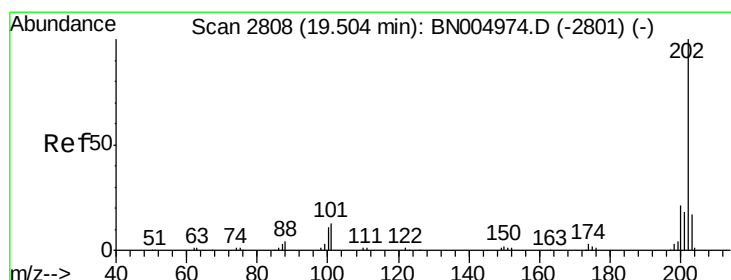
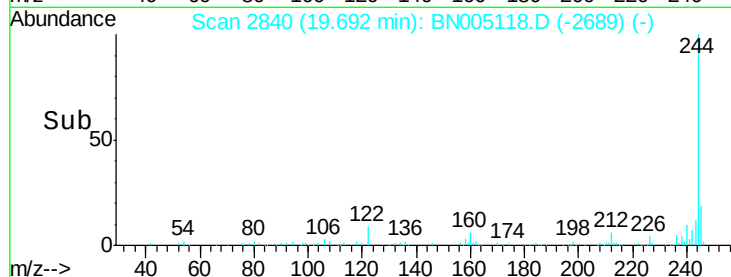
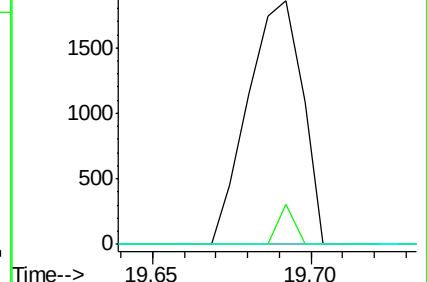
183 0.0 9.9 14.9#



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: 0.156 ng

RT: 19.49 min Scan# 2805

Delta R.T. -0.02 min

Lab File: BN005118.D

Acq: 09 Apr 2019 18:27

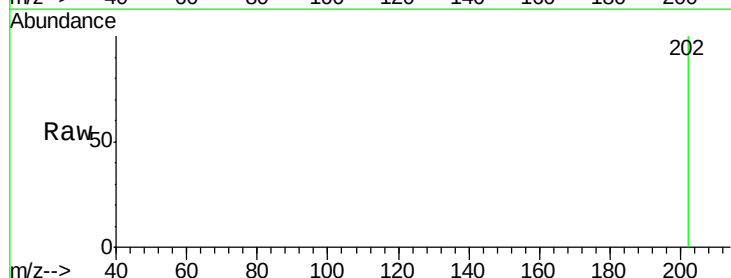
Tgt Ion:202 Resp: 405

Ion Ratio Lower Upper

202 100

200 0.0 17.0 25.4#

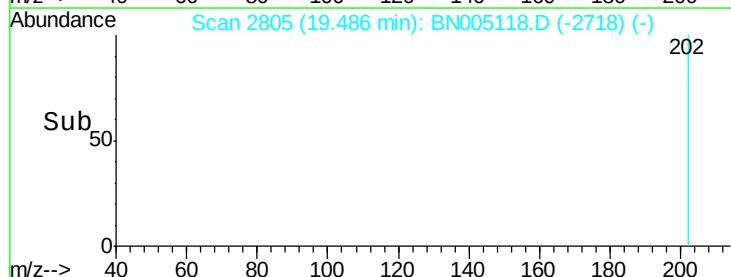
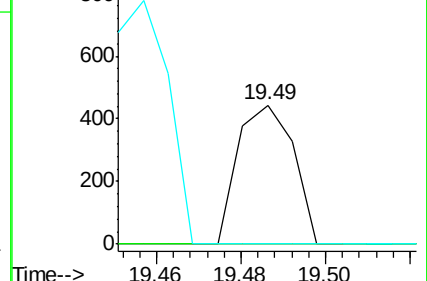
203 0.0 14.0 21.0#

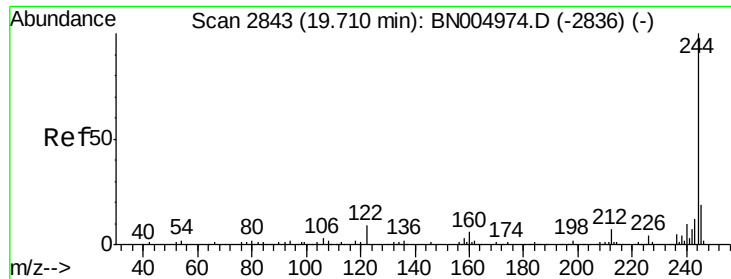


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 98.291 ng

RT: 19.69 min Scan# 2840

Delta R.T. -0.02 min

Lab File: BN005118.D

Acq: 09 Apr 2019 18:27

Instrument :

BNA_N

ClientSampleId :

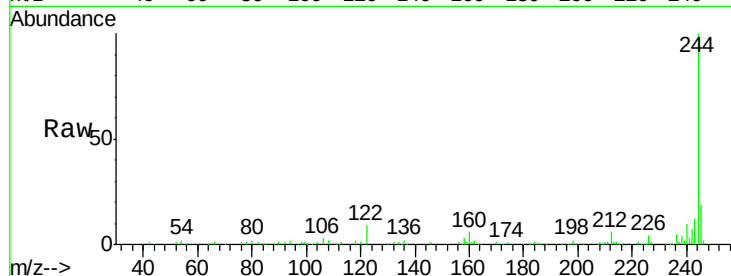
Tot Ion:244 Resp: 198089

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

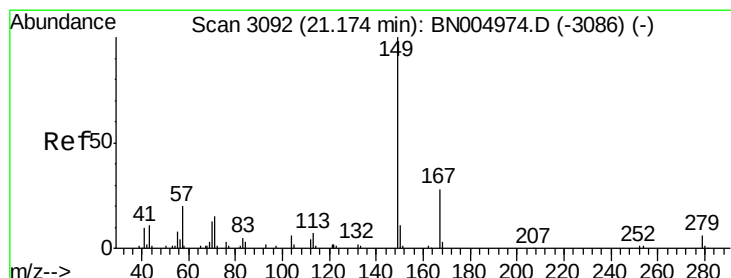
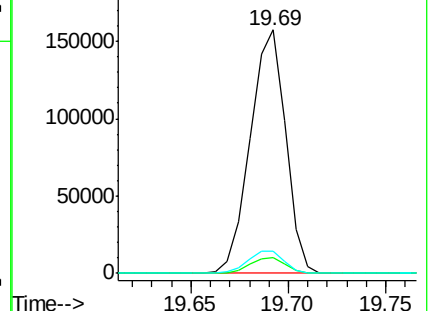
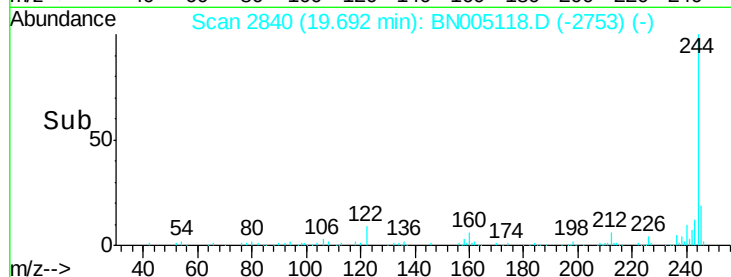
122 9.2 7.4 11.2



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: 0.176 ng

RT: 21.16 min Scan# 3089

Delta R.T. -0.02 min

Lab File: BN005118.D

Acq: 09 Apr 2019 18:27

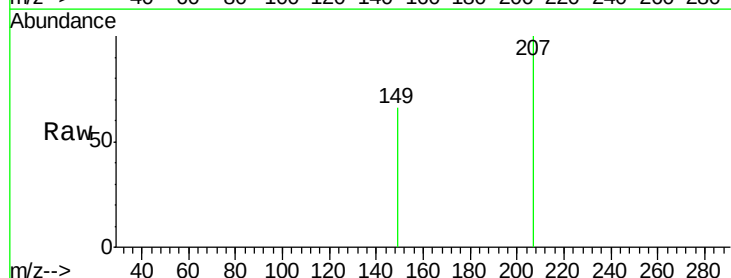
Tgt Ion:149 Resp: 257

Ion Ratio Lower Upper

149 100

167 0.0 22.5 33.7#

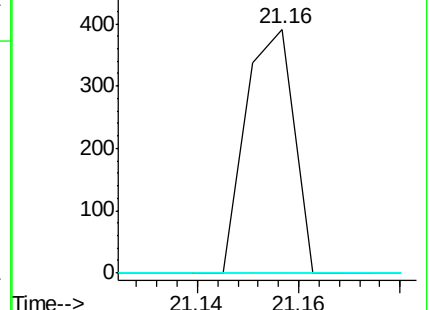
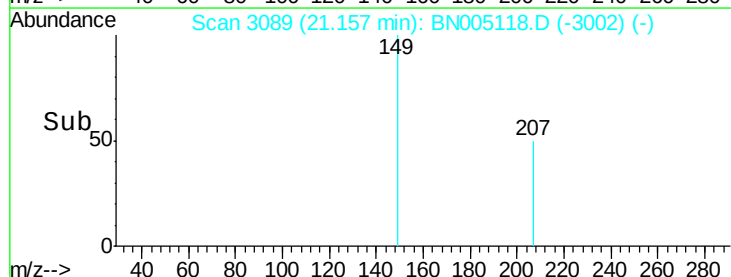
279 0.0 4.5 6.7#

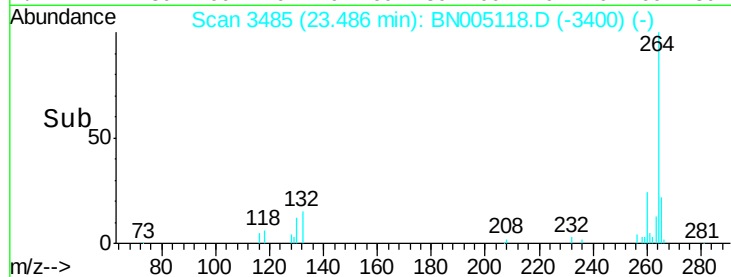
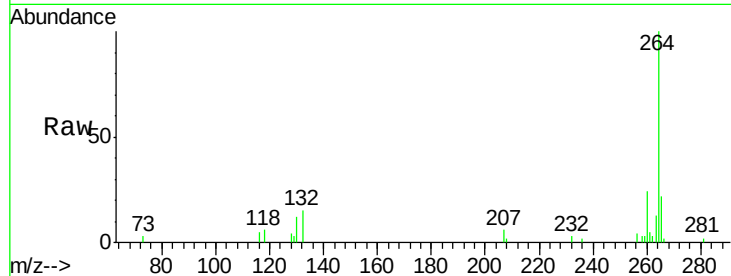
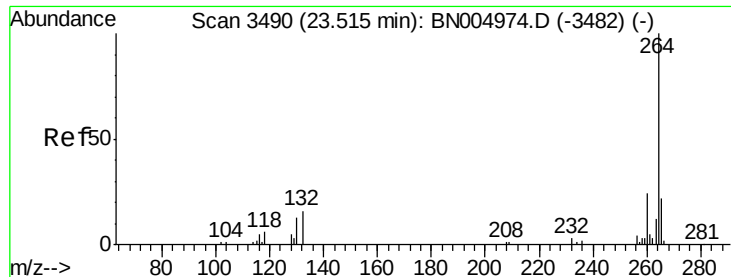


Abundance Ion 149.00 (148.70 to 149.70): E

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: BN005118.D

Acq: 09 Apr 2019 18:27

Instrument :

BNA_N

ClientSampleId :

Tot Ion:264 Resp: 36651

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.4

265 21.9 17.2 25.8

