

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021918\
 Data File : BN000118.D
 Acq On : 19 Feb 2018 19:55
 Operator : JU/SJ
 Sample : J1573-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 20 03:11:43 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 18:24:45 2018
 Response via : Initial Calibration

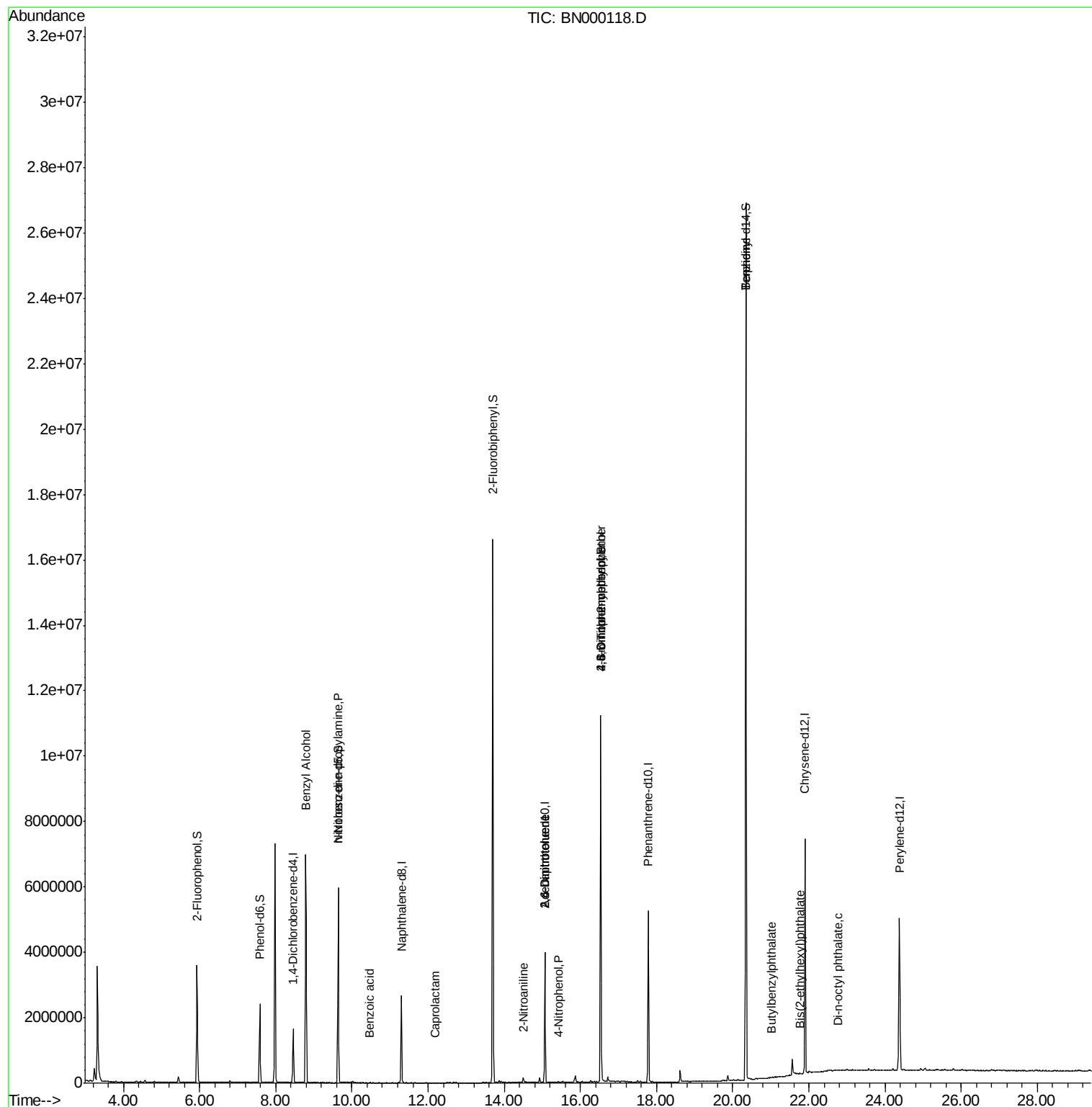
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	445210	20.00	ng	-0.01
21) Naphthalene-d8	11.30	136	2164753	20.00	ng	-0.01
38) Acenaphthene-d10	15.07	164	1286664	20.00	ng	-0.01
63) Phenanthrene-d10	17.79	188	2886294	20.00	ng	-0.01
75) Chrysene-d12	21.90	240	3070735	20.00	ng	-0.02
86) Perylene-d12	24.37	264	3249350	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.93	112	1804615	66.06	ng	-0.01
7) Phenol-d6	7.58	99	1520433	36.74	ng	-0.01
23) Nitrobenzene-d5	9.64	82	3717848	102.11	ng	-0.01
41) 2,4,6-Tribromophenol	16.54	330	1773021	139.21	ng	-0.01
44) 2-Fluorobiphenyl	13.70	172	8145112	89.22	ng	-0.02
78) Terphenyl-d14	20.34	244	11276172	99.15	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.79	79	60520	2.03	ng	# 38
19) n-Nitroso-di-n-propylamine	9.64	70	474987	17.13	ng	# 69
32) Benzoic acid	10.47	122	646	10.56	ng	# 77
35) Caprolactam	12.19	113	108	4.03	ng	# 32
47) 2-Nitroaniline	14.50	65	1402	4.93	ng	# 1
50) 2,6-Dinitrotoluene	15.07	165	161255	7.26	ng	# 21
55) 4-Nitrophenol	15.43	139	112	4.98	ng	# 1
56) 2,4-Dinitrotoluene	15.07	165	161255	8.81	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.54	198	6291	9.08	ng	# 1
66) 4-Bromophenyl-phenylether	16.54	248	126973	4.63	ng	# 1
76) Benzidine	20.34	184	198676	2.03	ng	# 90
79) Butylbenzylphthalate	21.02	149	480	5.38	ng	# 7
83) Bis(2-ethylhexyl)phthalate	21.77	149	7612	2.96	ng	# 99
84) Di-n-octyl phthalate	22.77	149	2467	6.74	ng	# 3

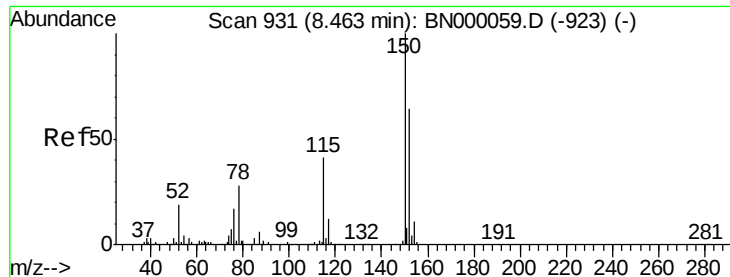
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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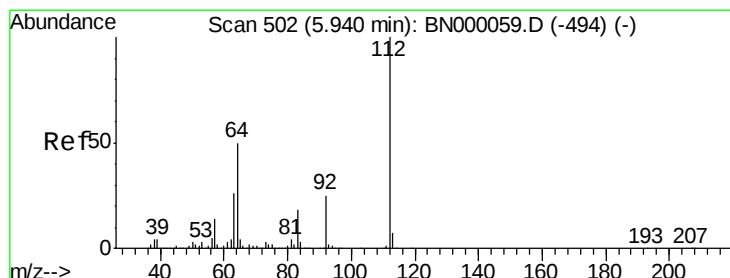
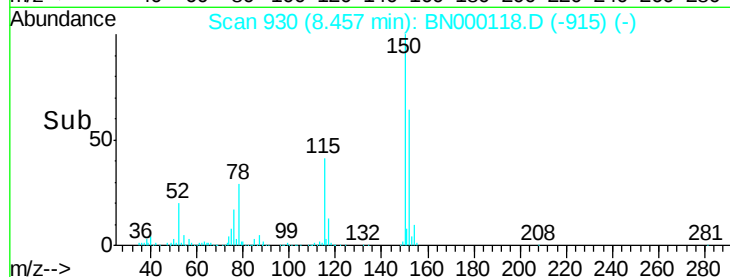
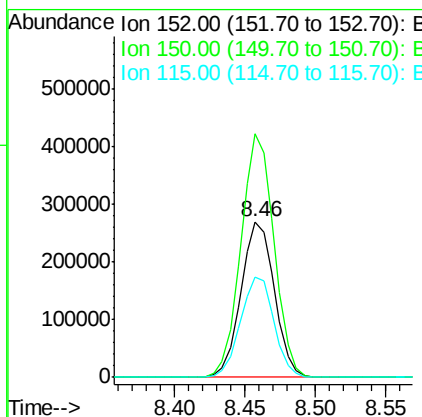
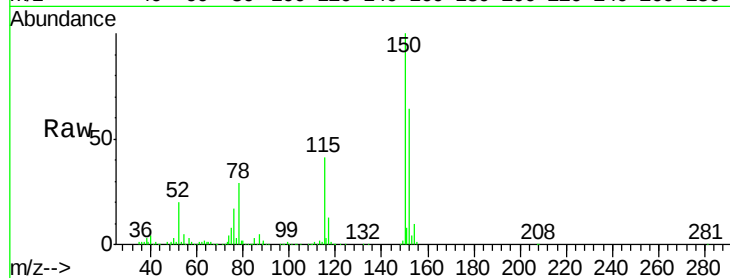


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.46 min Scan# 930
Delta R.T. -0.01 min
Lab File: BN000118.D
Acq: 19 Feb 2018 19:55

Instrument :
BNA_N
ClientSampleId :

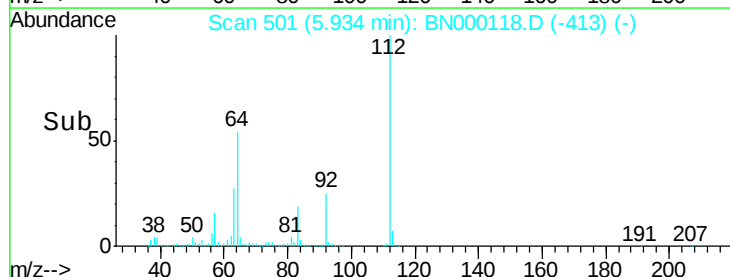
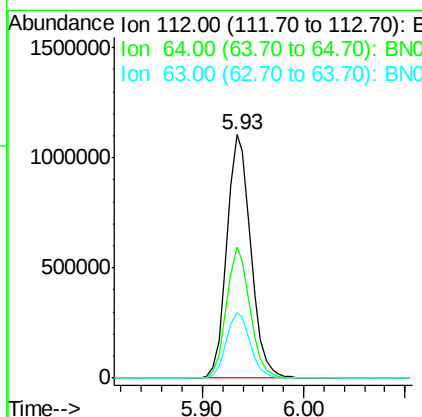
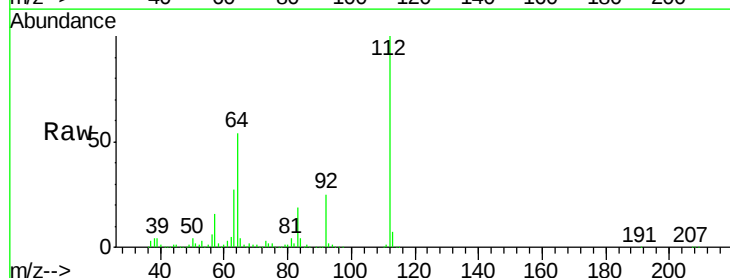
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.6	189.8
115	64.1	53.0	79.4

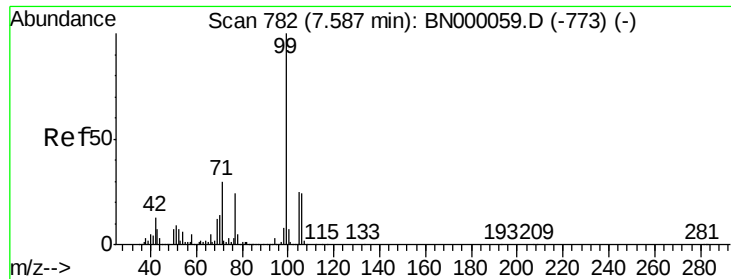


#5

2-Fluorophenol
Concen: 66.06 ng
RT: 5.93 min Scan# 501
Delta R.T. -0.01 min
Lab File: BN000118.D
Acq: 19 Feb 2018 19:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.7	56.3	84.5#
63	26.9	30.1	45.1#





#7

Phenol-d6

Concen: 36.74 ng

RT: 7.58 min Scan# 781

Delta R.T. -0.01 min

Lab File: BN000118.D

Acq: 19 Feb 2018 19:55

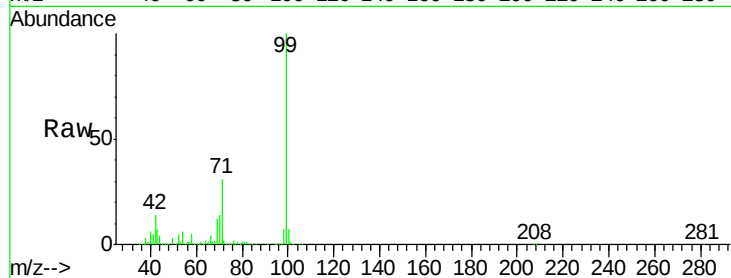
Instrument :

BNA_N

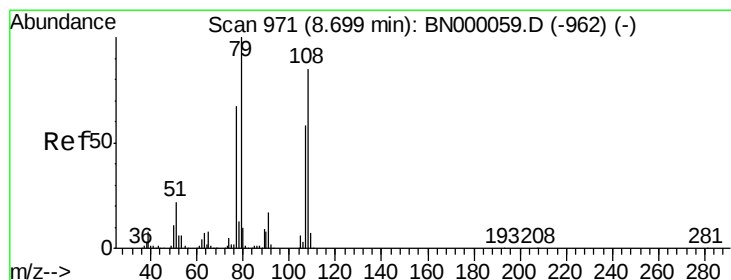
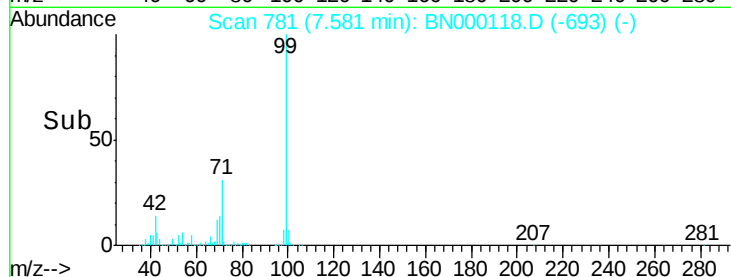
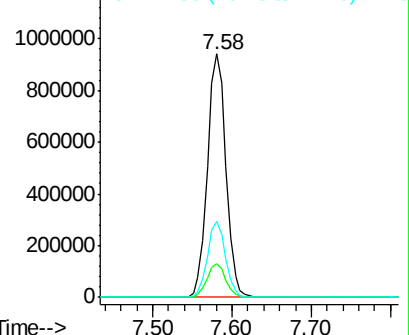
ClientSampleId :

Tot Ion: 99 Resp: 1520433

Ion	Ratio	Lower	Upper
99	100		
42	14.0	14.1	21.1#
71	31.2	26.1	39.1



Abundance Ion 99.00 (98.70 to 99.70): BN000118.D (-693) (-)



#15

Benzyl Alcohol

Concen: 2.03 ng

RT: 8.79 min Scan# 986

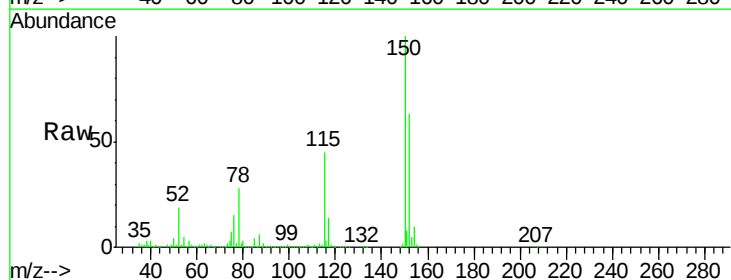
Delta R.T. 0.08 min

Lab File: BN000118.D

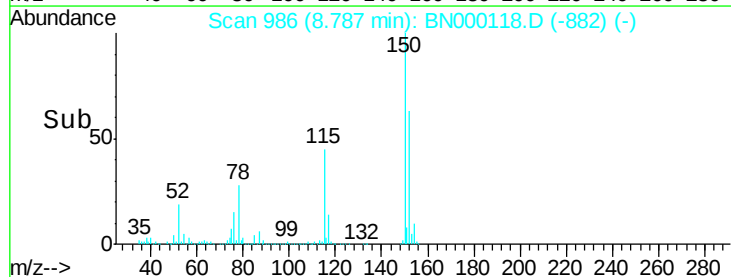
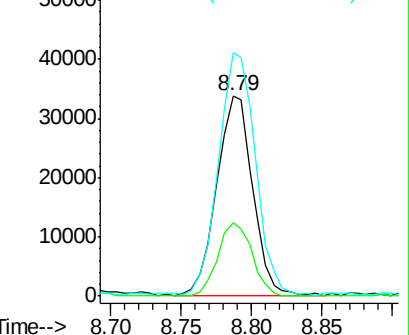
Acq: 19 Feb 2018 19:55

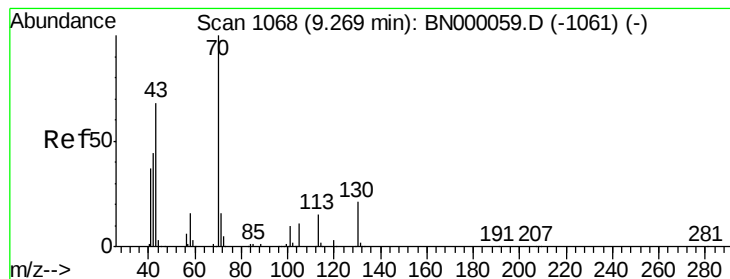
Tgt Ion: 79 Resp: 60520

Ion	Ratio	Lower	Upper
79	100		
108	36.8	57.2	85.8#
77	121.4	46.1	69.1#



Abundance Ion 79.00 (78.70 to 79.70): BN000118.D (-882) (-)





#19

n-Nitroso-di-n-propylamine

Concen: 17.13 ng

RT: 9.64 min Scan# 1131

Delta R.T. 0.36 min

Lab File: BN000118.D

Acq: 19 Feb 2018 19:55

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 70 Resp: 474987

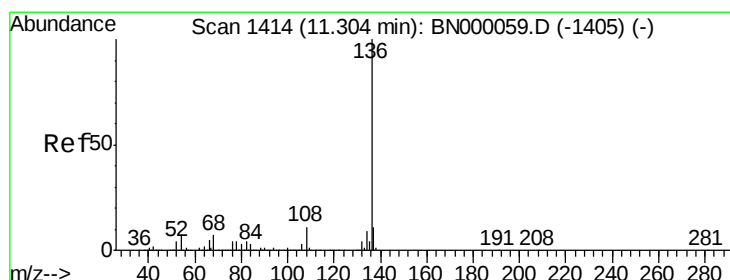
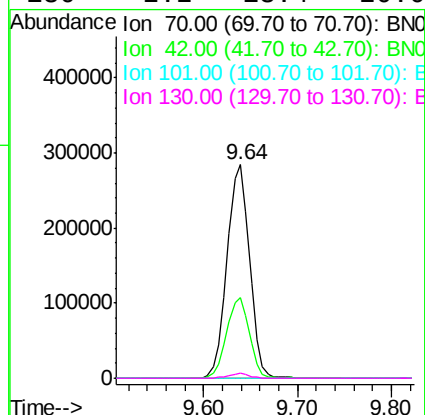
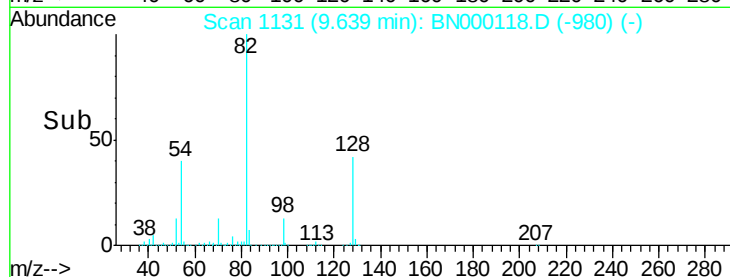
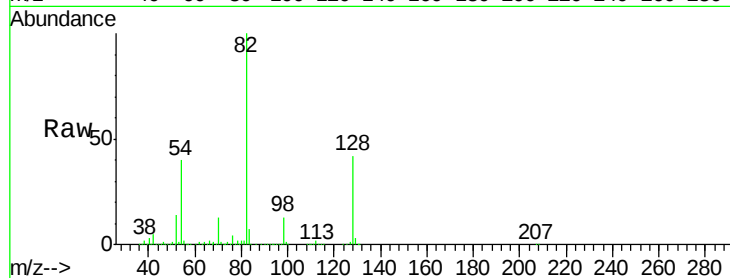
Ion Ratio Lower Upper

70 100

42 37.9 49.1 73.7#

101 0.0 8.5 12.7#

130 2.2 13.4 20.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.30 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BN000118.D

Acq: 19 Feb 2018 19:55

Tgt Ion: 136 Resp: 2164753

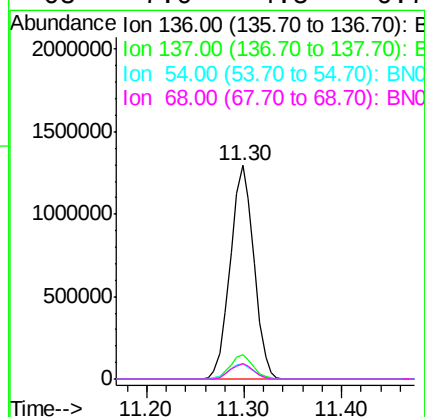
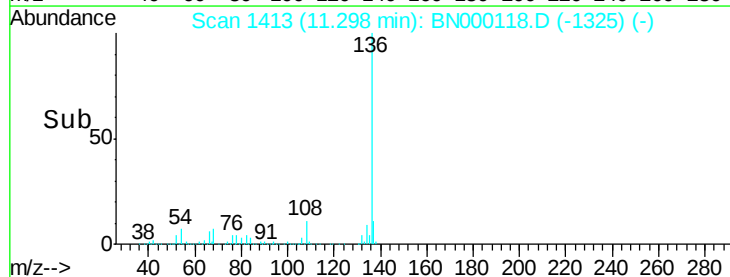
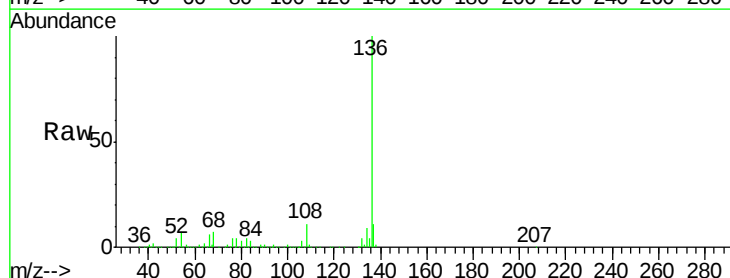
Ion Ratio Lower Upper

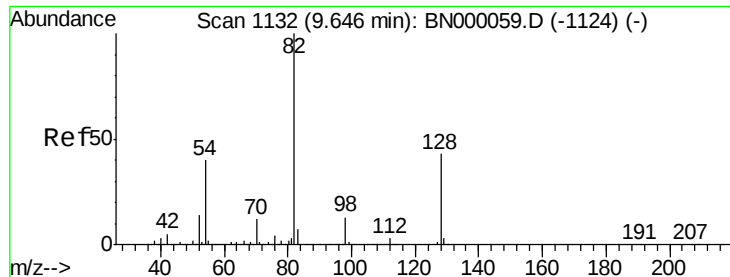
136 100

137 11.3 9.2 13.8

54 7.3 10.3 15.5#

68 7.0 4.5 6.7#

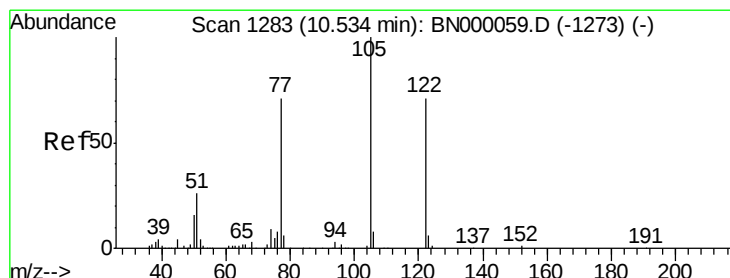
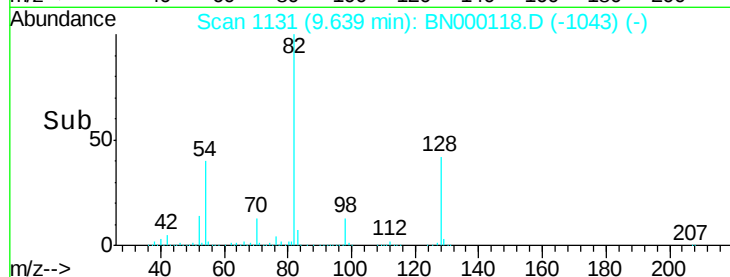
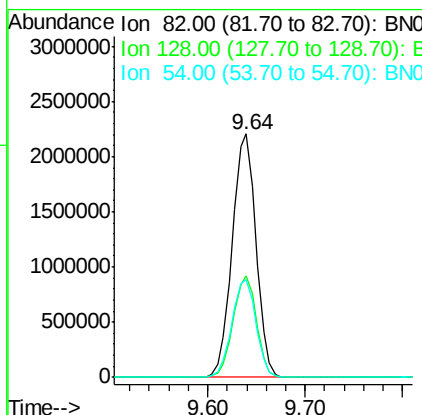
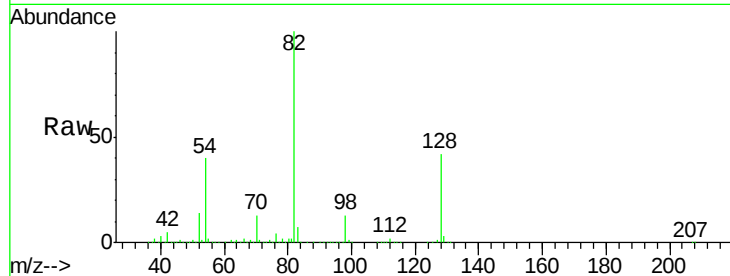




#23
 Nitrobenzene-d5
 Concen: 102.11 ng
 RT: 9.64 min Scan# 1131
 Delta R.T. -0.01 min
 Lab File: BN000118.D
 Acq: 19 Feb 2018 19:55

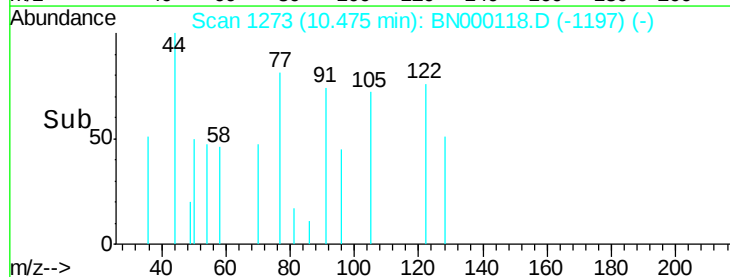
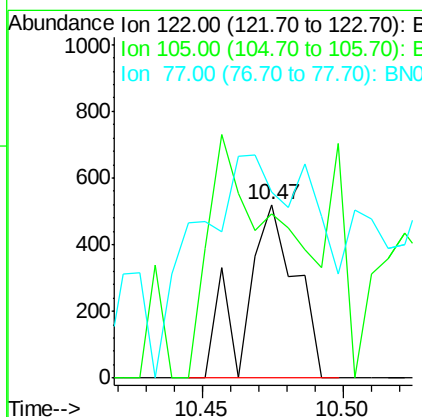
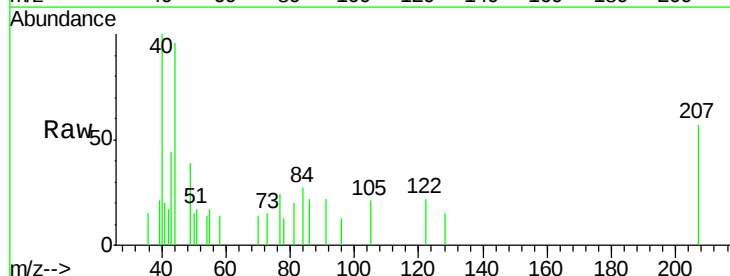
Instrument :
 BNA_N
 ClientSampled :

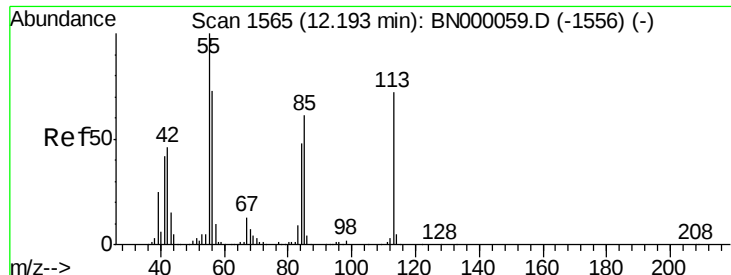
Tot Ion: 82 Resp: 3717848
 Ion Ratio Lower Upper
 82 100
 128 41.5 29.7 44.5
 54 40.3 43.1 64.7#



#32
 Benzoic acid
 Concen: 10.56 ng
 RT: 10.47 min Scan# 1273
 Delta R.T. -0.08 min
 Lab File: BN000118.D
 Acq: 19 Feb 2018 19:55

Tgt Ion:122 Resp: 646
 Ion Ratio Lower Upper
 122 100
 105 94.6 123.5 163.5#
 77 106.9 85.7 125.7





#35

Caprolactam

Concen: 4.03 ng

RT: 12.19 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BN000118.D

Acq: 19 Feb 2018 19:55

Instrument :

BNA_N

ClientSampled :

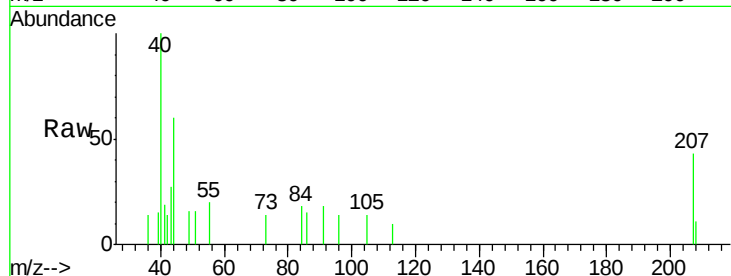
Tot Ion:113 Resp: 108

Ion Ratio Lower Upper

113 100

55 187.9 120.0 160.0#

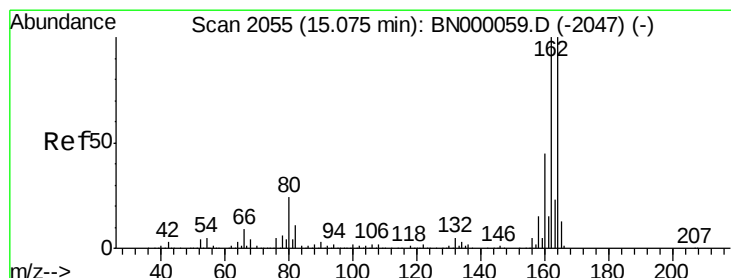
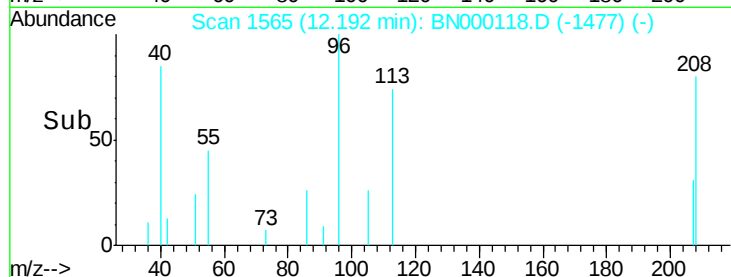
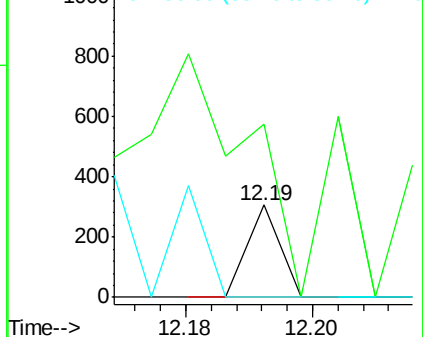
56 0.0 90.0 130.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNC

Ion 56.00 (55.70 to 56.70): BNC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.07 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BN000118.D

Acq: 19 Feb 2018 19:55

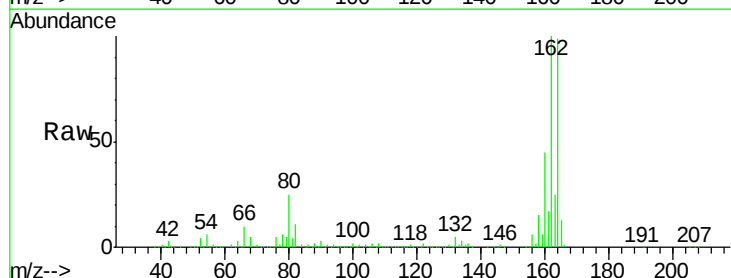
Tgt Ion:164 Resp: 1286664

Ion Ratio Lower Upper

164 100

162 101.4 78.8 118.2

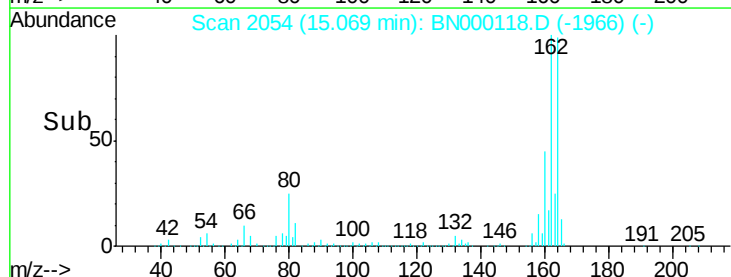
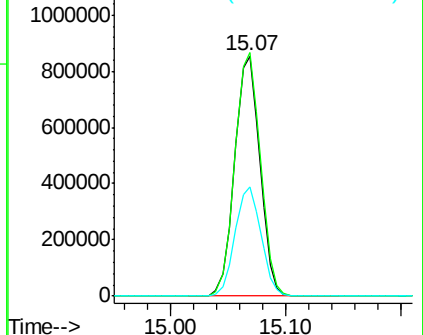
160 45.6 35.4 53.0

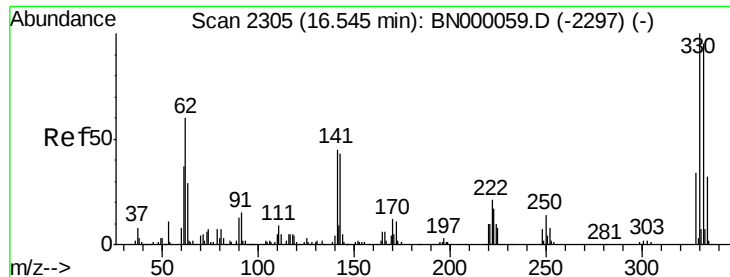


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

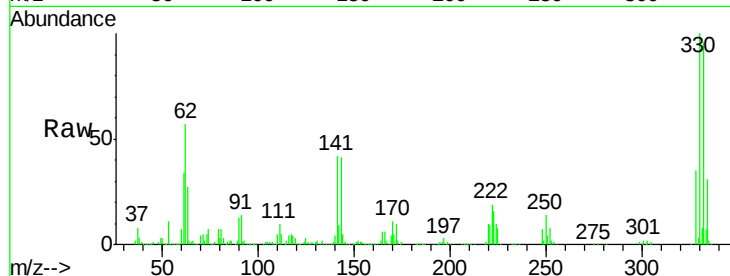




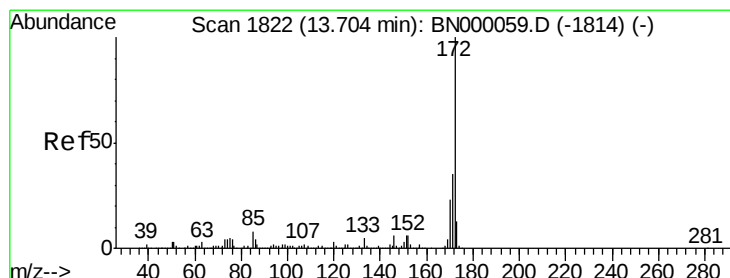
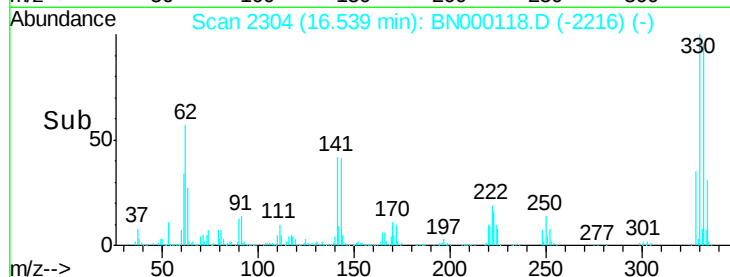
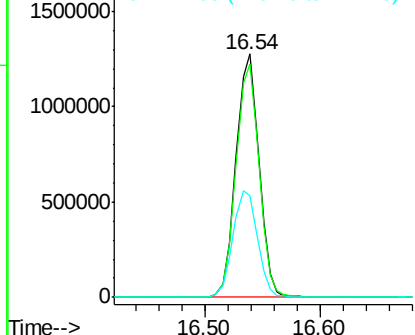
#41
 2,4,6-Tribromophenol
 Concen: 139.21 ng
 RT: 16.54 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BN000118.D
 Acq: 19 Feb 2018 19:55

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:330 Resp: 1773021
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 47.0 25.2 37.8#

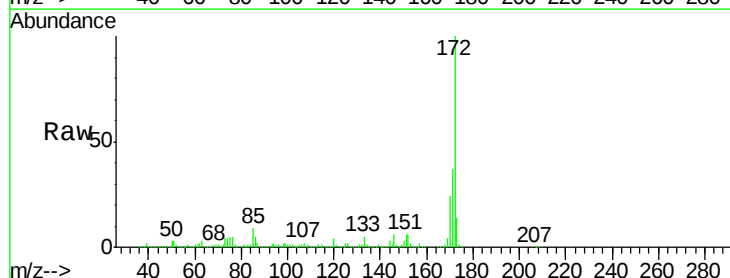


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

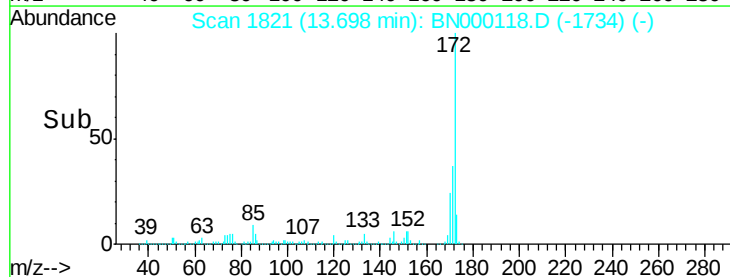
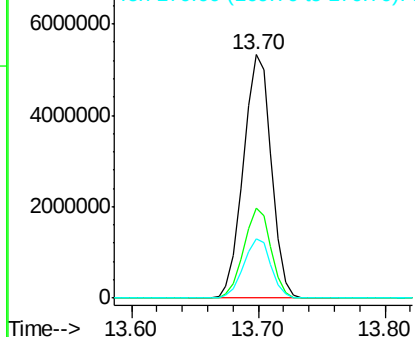


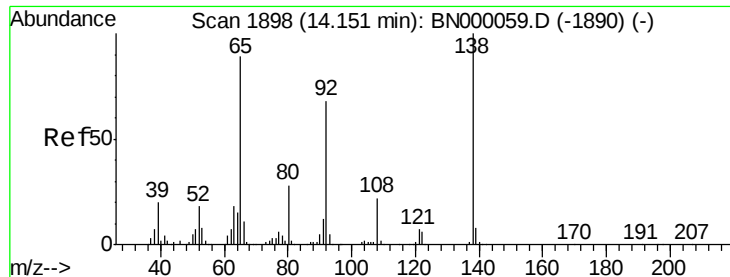
#44
 2-Fluorobiphenyl
 Concen: 89.22 ng
 RT: 13.70 min Scan# 1821
 Delta R.T. -0.02 min
 Lab File: BN000118.D
 Acq: 19 Feb 2018 19:55

Tgt Ion:172 Resp: 8145112
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.0 45.0
 170 24.4 19.5 29.3



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





#47

2-Nitroaniline

Concen: 4.93 ng

RT: 14.50 min Scan# 1958

Delta R.T. 0.35 min

Lab File: BN000118.D

Acq: 19 Feb 2018 19:55

Instrument :

BNA_N

ClientSampleId :

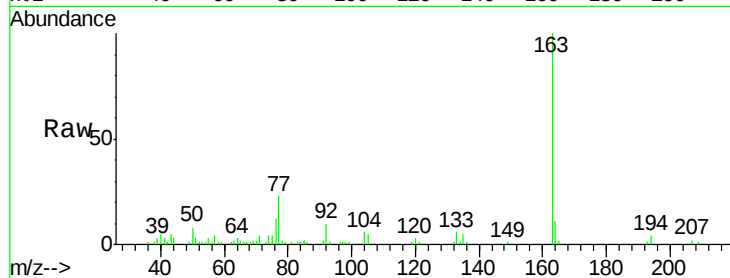
Tot Ion: 65 Resp: 1402

Ion Ratio Lower Upper

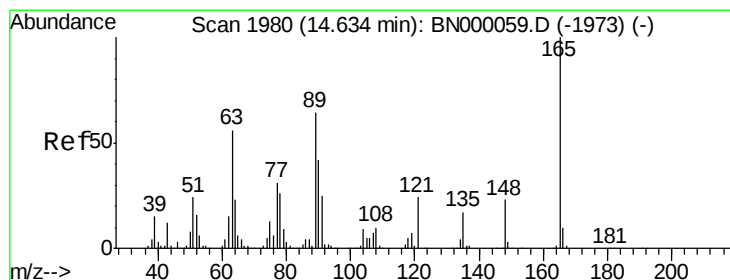
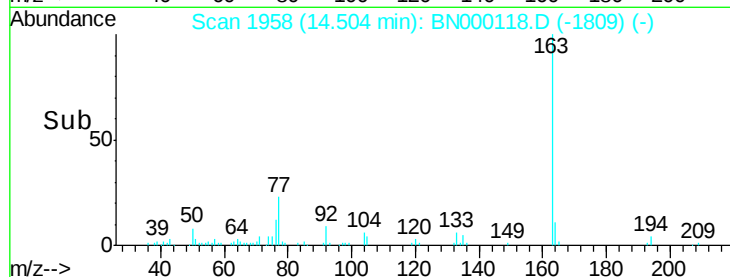
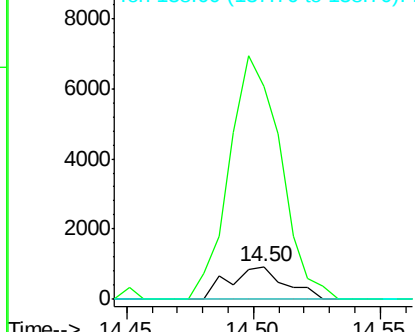
65 100

92 657.9 54.6 82.0#

138 0.0 72.9 109.3#



Abundance Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC
Ion 138.00 (137.70 to 138.70): BNC



#50

2,6-Dinitrotoluene

Concen: 7.26 ng

RT: 15.07 min Scan# 2054

Delta R.T. 0.42 min

Lab File: BN000118.D

Acq: 19 Feb 2018 19:55

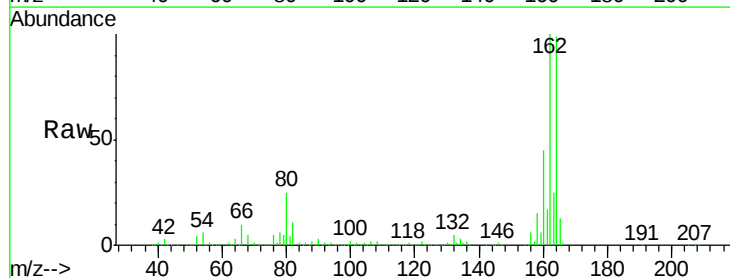
Tgt Ion: 165 Resp: 161255

Ion Ratio Lower Upper

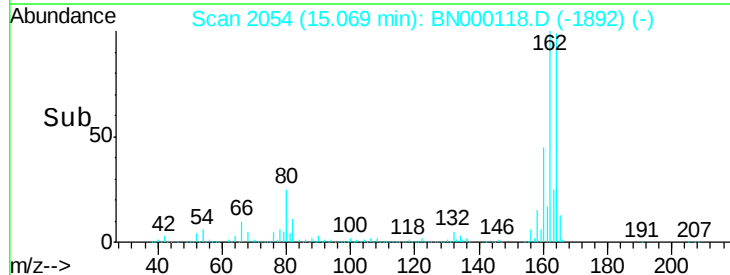
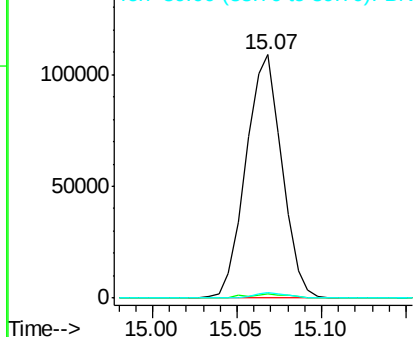
165 100

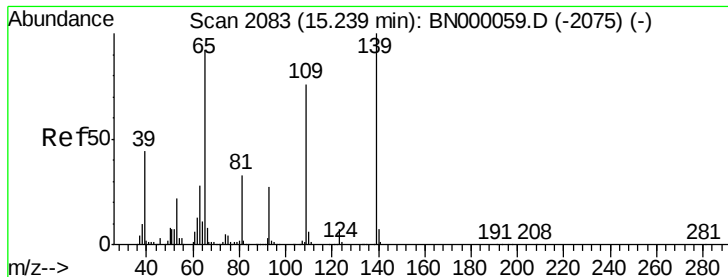
63 1.6 52.7 79.1#

89 2.1 49.2 73.8#



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





#55

4-Nitrophenol

Concen: 4.98 ng

RT: 15.43 min Scan# 2116

Delta R.T. 0.19 min

Lab File: BN000118.D

Acq: 19 Feb 2018 19:55

Instrument :

BNA_N

ClientSampleId :

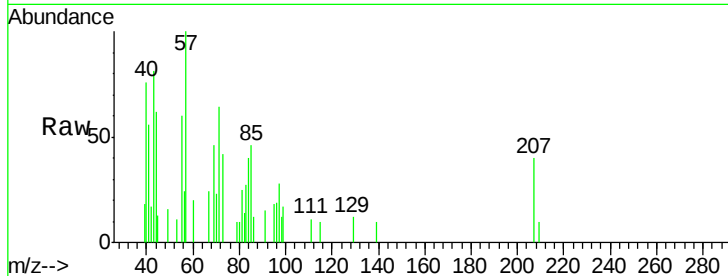
Tot Ion:139 Resp: 112

Ion Ratio Lower Upper

139 100

109 0.0 62.2 102.2#

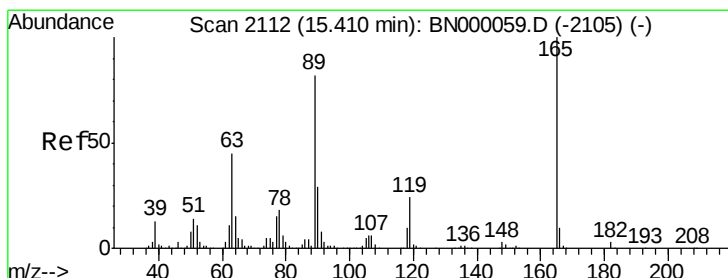
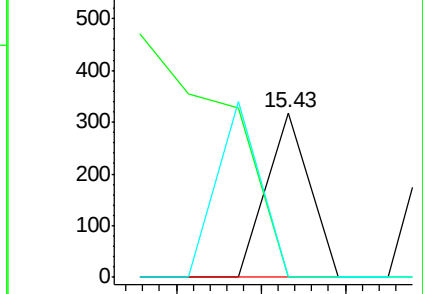
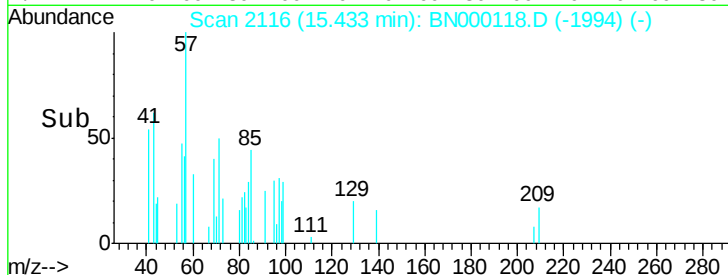
65 0.0 97.2 137.2#



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): E



#56

2,4-Dinitrotoluene

Concen: 8.81 ng

RT: 15.07 min Scan# 2054

Delta R.T. -0.35 min

Lab File: BN000118.D

Acq: 19 Feb 2018 19:55

Tgt Ion:165 Resp: 161255

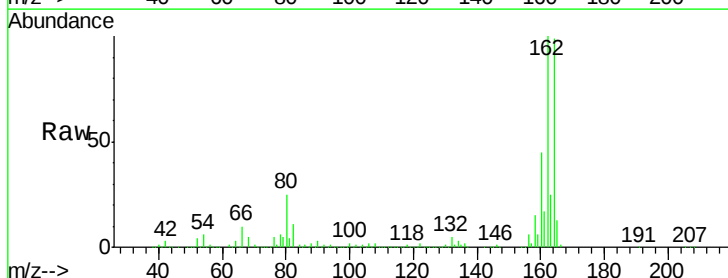
Ion Ratio Lower Upper

165 100

63 1.6 42.0 63.0#

89 2.1 66.9 100.3#

182 0.0 2.6 3.8#

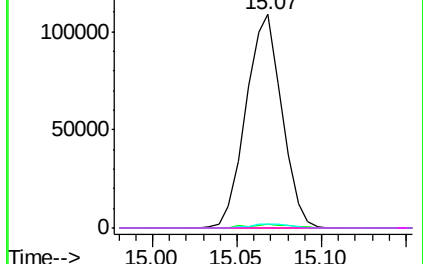
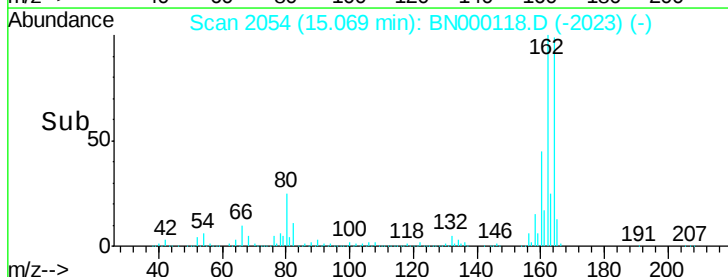


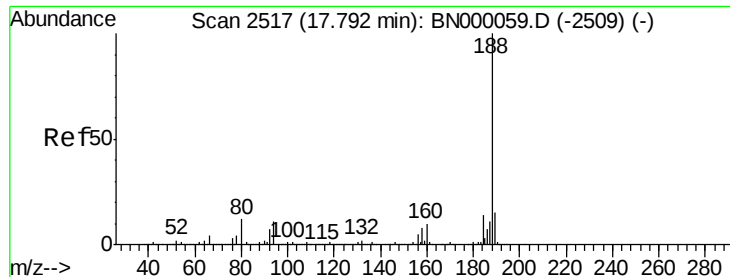
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 89.00 (88.70 to 89.70): E

Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.79 min Scan# 2516

Delta R.T. -0.01 min

Lab File: BN000118.D

Acq: 19 Feb 2018 19:55

Instrument :

BNA_N

ClientSampleId :

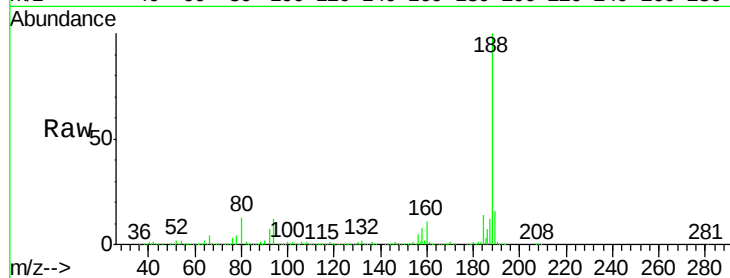
Tot Ion:188 Resp: 2886294

Ion Ratio Lower Upper

188 100

94 12.3 6.9 10.3#

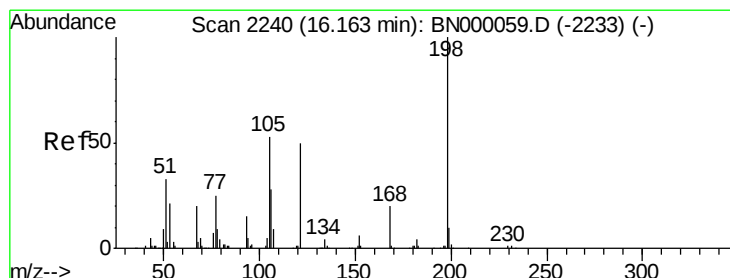
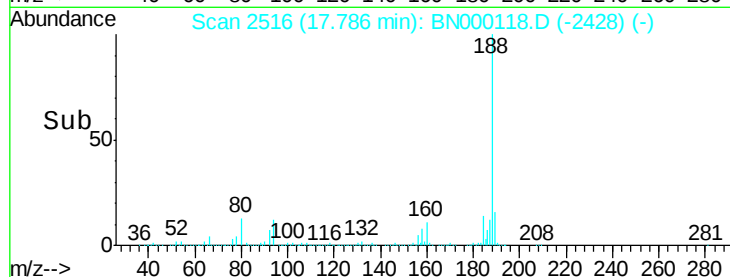
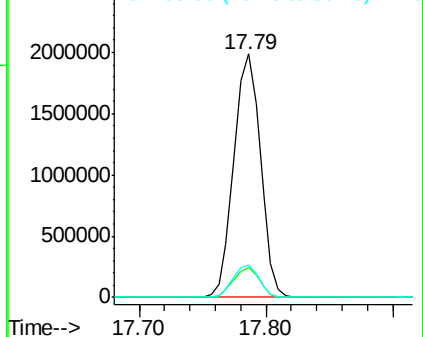
80 13.1 7.7 11.5#



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: 9.08 ng

RT: 16.54 min Scan# 2304

Delta R.T. 0.37 min

Lab File: BN000118.D

Acq: 19 Feb 2018 19:55

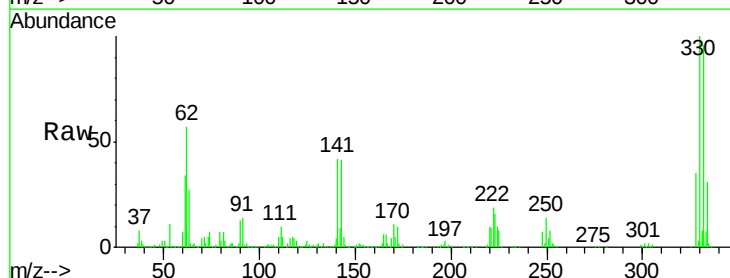
Tgt Ion:198 Resp: 6291

Ion Ratio Lower Upper

198 100

51 108.5 30.6 70.6#

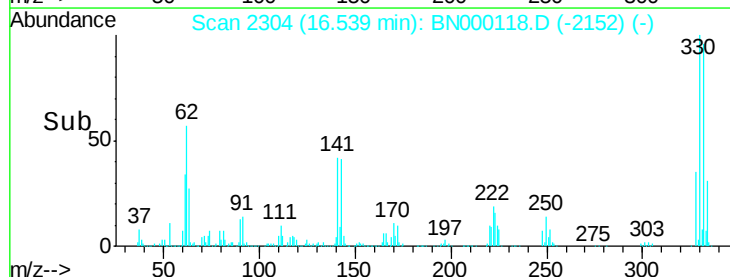
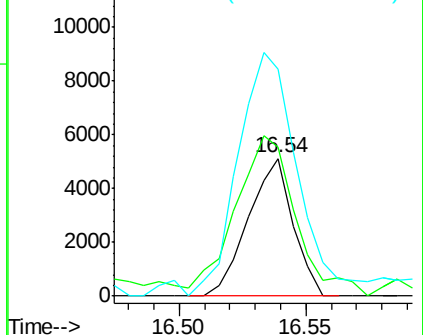
105 165.0 23.8 63.8#

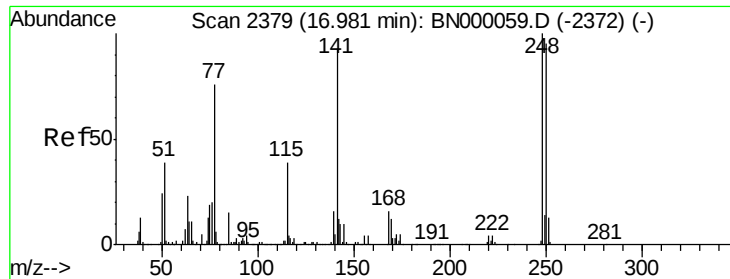


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

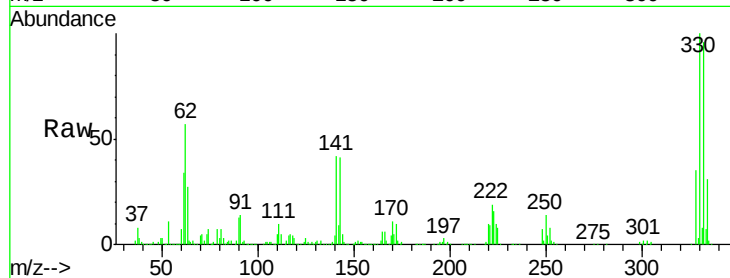




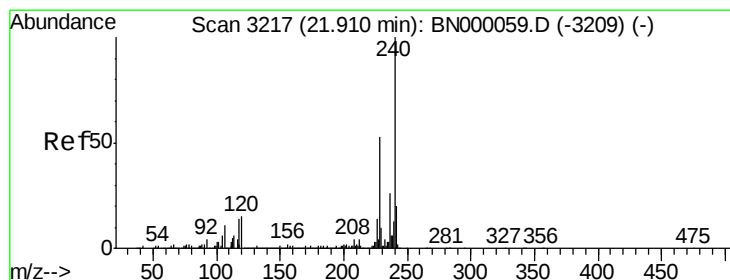
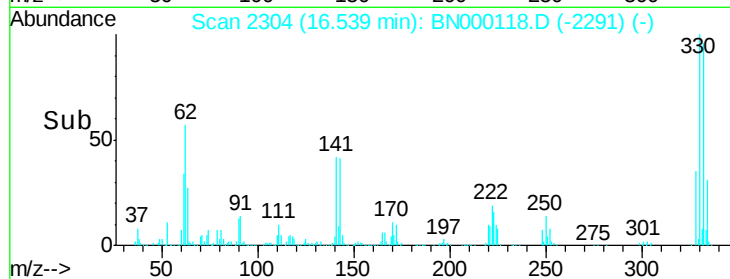
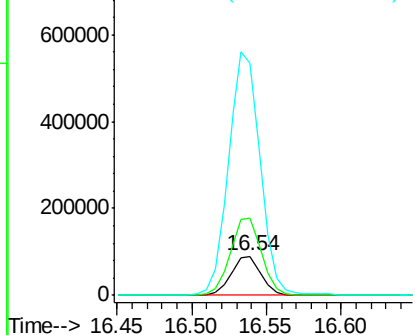
#66
4-Bromophenyl-phenylether
Concen: 4.63 ng
RT: 16.54 min Scan# 2304
Delta R.T. -0.45 min
Lab File: BN000118.D
Acq: 19 Feb 2018 19:55

Instrument :
BNA_N
ClientSampleId :

Tot Ion:248 Resp: 126973
Ion Ratio Lower Upper
248 100
250 198.1 77.1 115.7#
141 592.6 50.8 76.2#

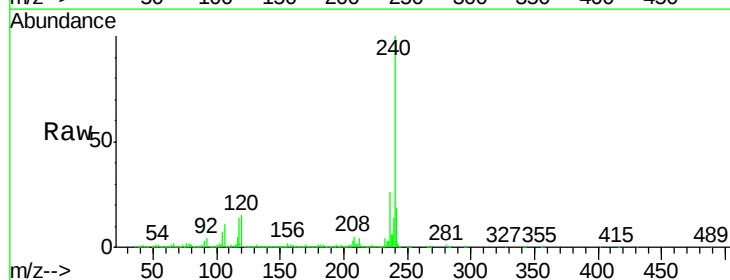


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

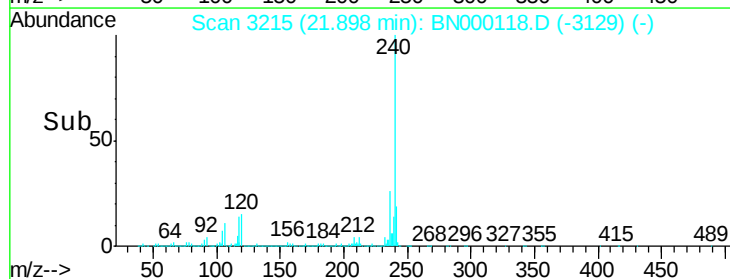
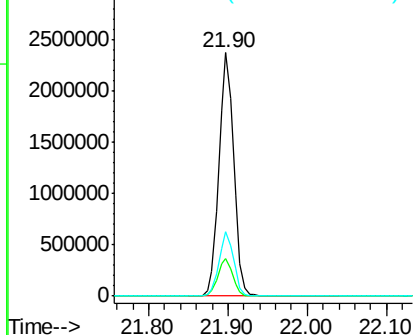


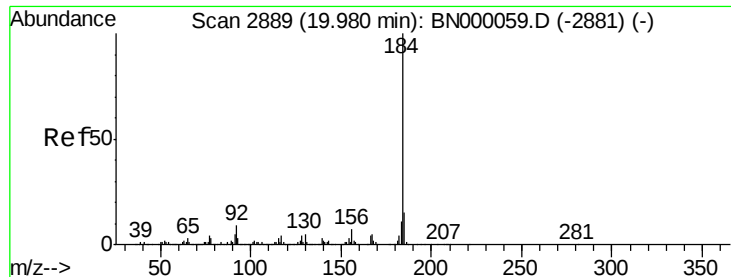
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.90 min Scan# 3215
Delta R.T. -0.02 min
Lab File: BN000118.D
Acq: 19 Feb 2018 19:55

Tgt Ion:240 Resp: 3070735
Ion Ratio Lower Upper
240 100
120 15.2 6.8 10.2#
236 26.3 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

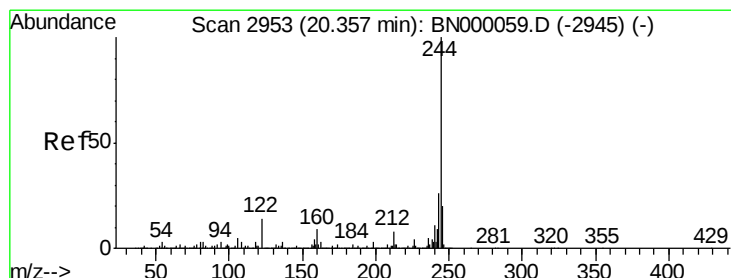
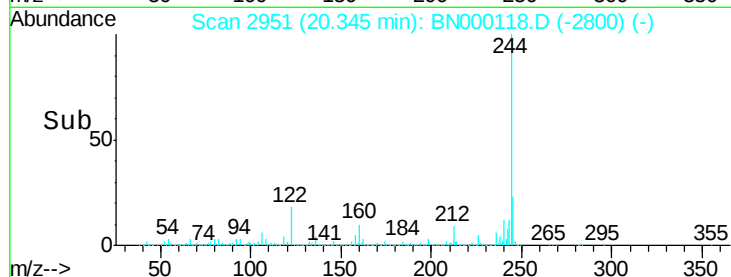
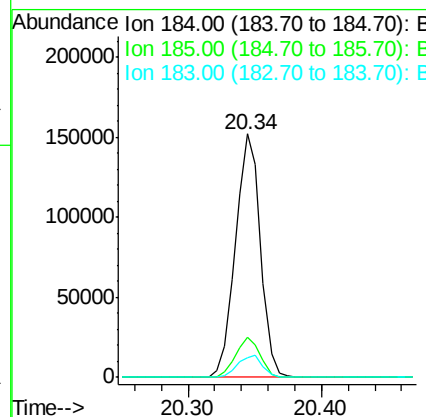
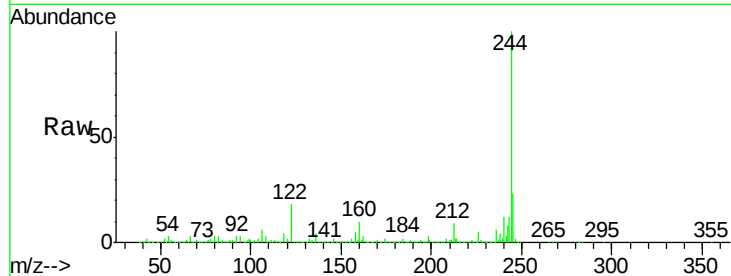




#76
Benzidine
Concen: 2.03 ng
RT: 20.34 min Scan# 2951
Delta R.T. 0.36 min
Lab File: BN000118.D
Acq: 19 Feb 2018 19:55

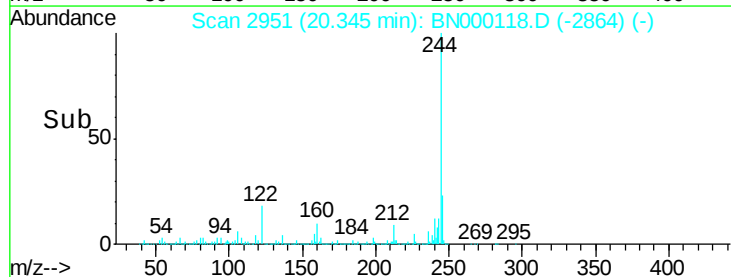
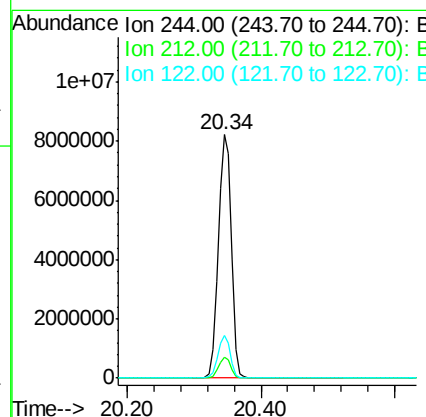
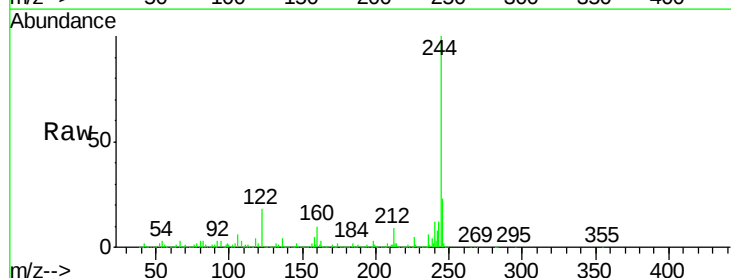
Instrument :
BNA_N
ClientSampleId :

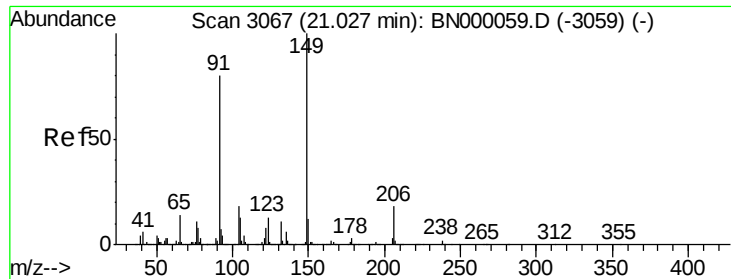
Tot Ion:184 Resp: 198676
Ion Ratio Lower Upper
184 100
185 16.3 11.1 16.7
183 7.8 10.6 16.0#



#78
Terphenyl-d14
Concen: 99.15 ng
RT: 20.34 min Scan# 2951
Delta R.T. -0.02 min
Lab File: BN000118.D
Acq: 19 Feb 2018 19:55

Tgt Ion:244 Resp:11276172
Ion Ratio Lower Upper
244 100
212 8.7 5.8 8.8
122 17.6 7.0 10.4#

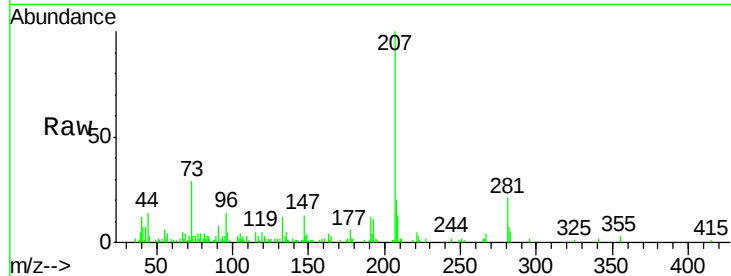




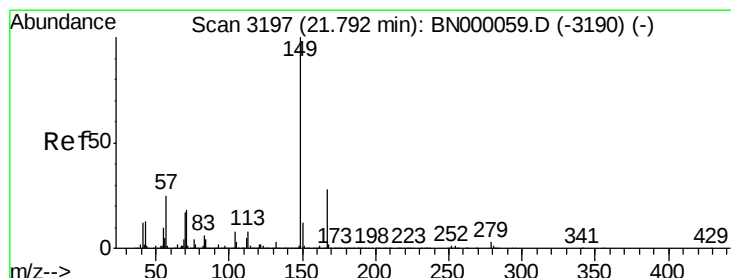
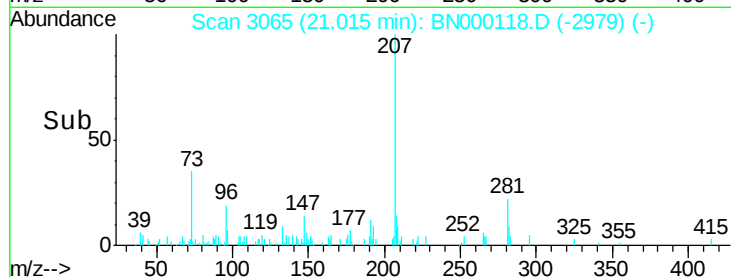
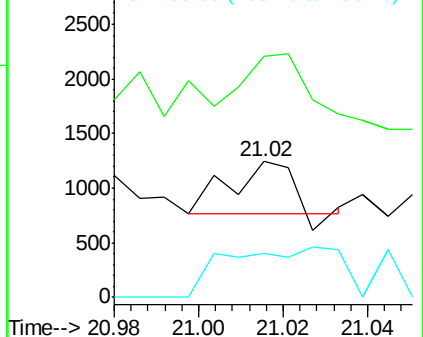
#79
 Butylbenzylphthalate
 Concen: 5.38 ng
 RT: 21.02 min Scan# 3065
 Delta R.T. -0.02 min
 Lab File: BN000118.D
 Acq: 19 Feb 2018 19:55

Instrument :
 BNA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
91	177.8	62.2	93.2#
206	32.6	18.6	27.8#

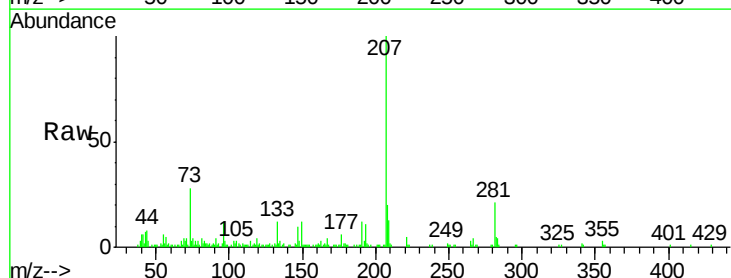


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BNO
 Ion 206.00 (205.70 to 206.70): E

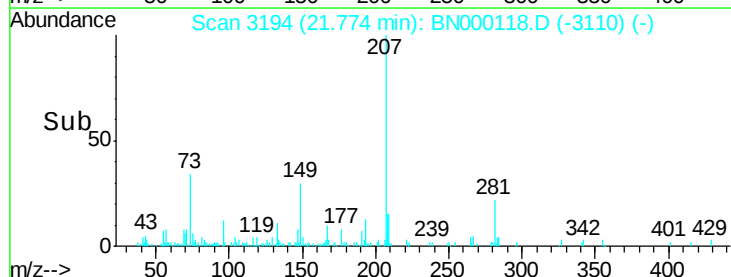
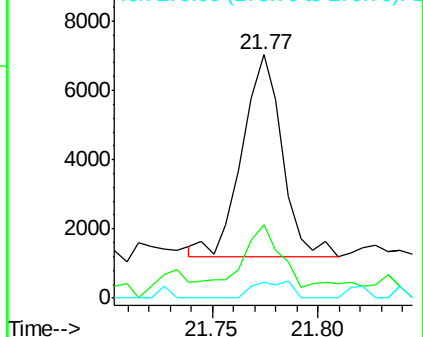


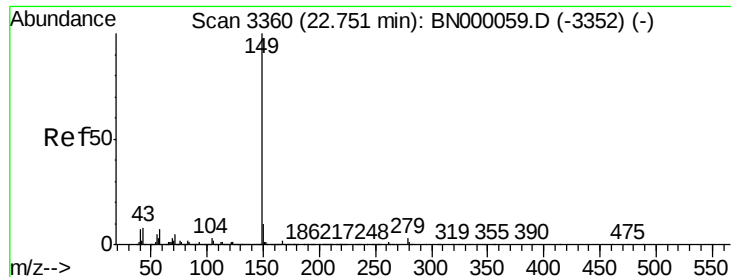
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.96 ng
 RT: 21.77 min Scan# 3194
 Delta R.T. -0.03 min
 Lab File: BN000118.D
 Acq: 19 Feb 2018 19:55

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.1	24.3	36.5
279	6.6	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

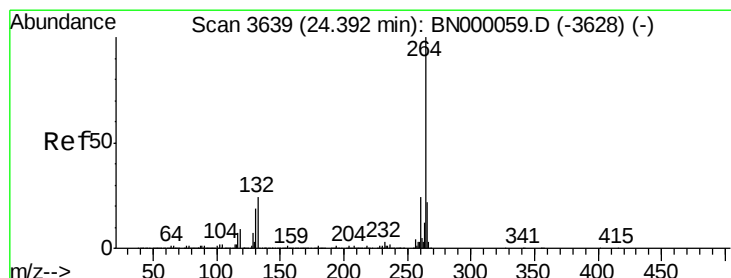
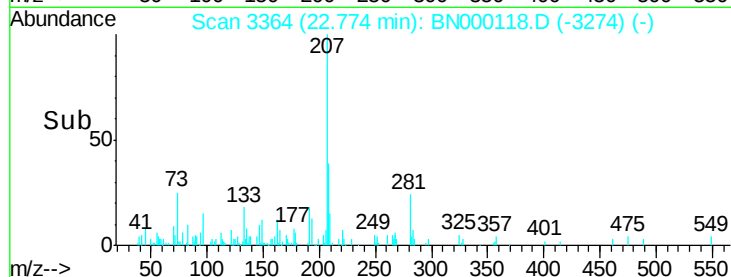
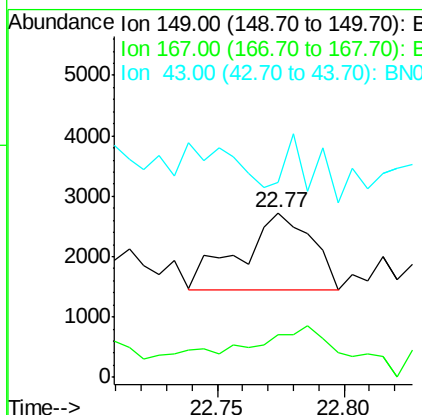
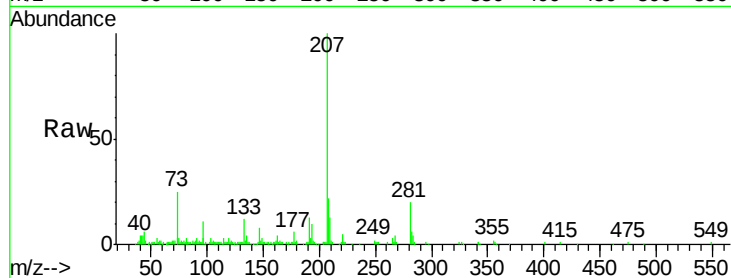




#84
Di-n-octyl phthalate
Concen: 6.74 ng
RT: 22.77 min Scan# 3364
Delta R.T. 0.00 min
Lab File: BN000118.D
Acq: 19 Feb 2018 19:55

Instrument :
BNA_N
ClientSampled :

Tot Ion:149 Resp: 2467
Ion Ratio Lower Upper
149 100
167 109.9 1.4 2.0#
43 36.4 8.9 13.3#



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.37 min Scan# 3636
Delta R.T. -0.04 min
Lab File: BN000118.D
Acq: 19 Feb 2018 19:55

Tgt Ion:264 Resp: 3249350
Ion Ratio Lower Upper
264 100
260 23.9 17.4 26.0
265 22.3 17.7 26.5

