

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021918\
 Data File : BN000125.D
 Acq On : 19 Feb 2018 23:55
 Operator : JU/SJ
 Sample : J1591-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 20 03:13:41 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

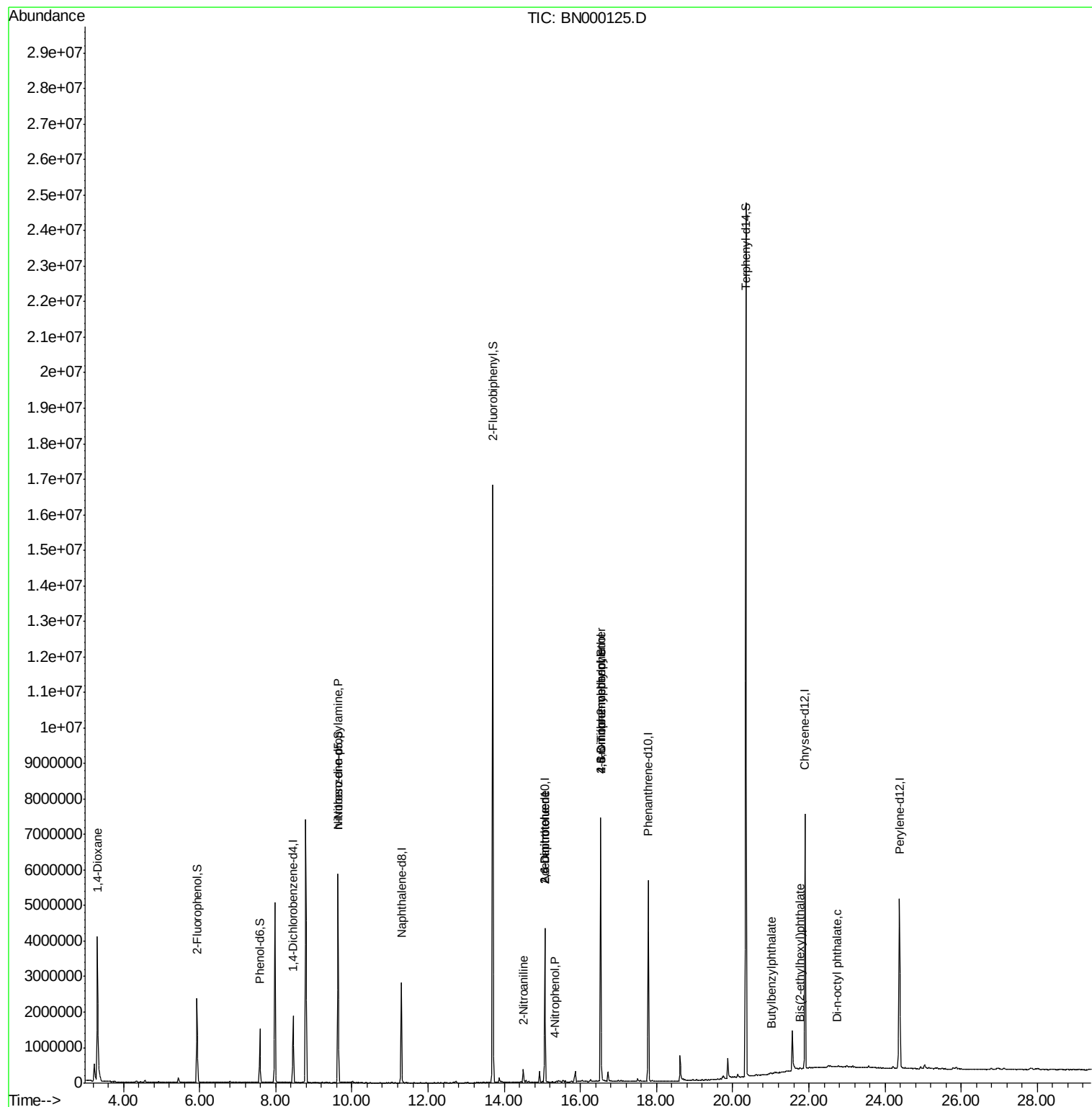
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	485779	20.00	ng	-0.01
21) Naphthalene-d8	11.30	136	2358473	20.00	ng	-0.01
38) Acenaphthene-d10	15.07	164	1373615	20.00	ng	-0.01
63) Phenanthrene-d10	17.79	188	3019711	20.00	ng	-0.01
75) Chrysene-d12	21.90	240	3132062	20.00	ng	-0.02
86) Perylene-d12	24.38	264	3384221	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.93	112	1171476	39.30	ng	-0.01
7) Phenol-d6	7.58	99	964415	21.36	ng	-0.01
23) Nitrobenzene-d5	9.63	82	3704208	93.38	ng	-0.02
41) 2,4,6-Tribromophenol	16.53	330	1067479	78.51	ng	-0.02
44) 2-Fluorobiphenyl	13.70	172	8232434	84.47	ng	-0.02
78) Terphenyl-d14	20.34	244	10333181	89.08	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.32	88	43469	3.62	ng	# 1
19) n-Nitroso-di-n-propylamine	9.63	70	471105	15.57	ng	# 67
47) 2-Nitroaniline	14.50	65	3082	4.98	ng	# 1
50) 2,6-Dinitrotoluene	15.07	165	176349	7.44	ng	# 21
55) 4-Nitrophenol	15.32	139	254	4.99	ng	# 25
56) 2,4-Dinitrotoluene	15.07	165	176349	8.93	ng	# 19
64) 4,6-Dinitro-2-methylphenol	16.53	198	4474	8.96	ng	# 1
66) 4-Bromophenyl-phenylether	16.53	248	76381	2.66	ng	# 1
79) Butylbenzylphthalate	21.02	149	1847	5.39	ng	# 13
83) Bis(2-ethylhexyl)phthalate	21.77	149	20932	3.04	ng	# 97
84) Di-n-octyl phthalate	22.74	149	623	6.73	ng	# 1

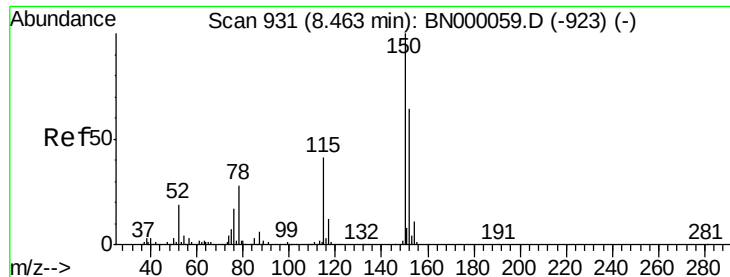
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021918\
Data File : BN000125.D
Acq On : 19 Feb 2018 23:55
Operator : JU/SJ
Sample : J1591-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Feb 20 03:13:41 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.46 min Scan# 930

Delta R.T. -0.01 min

Lab File: BN000125.D

Acq: 19 Feb 2018 23:55

Instrument :

BNA_N

ClientSampleId :

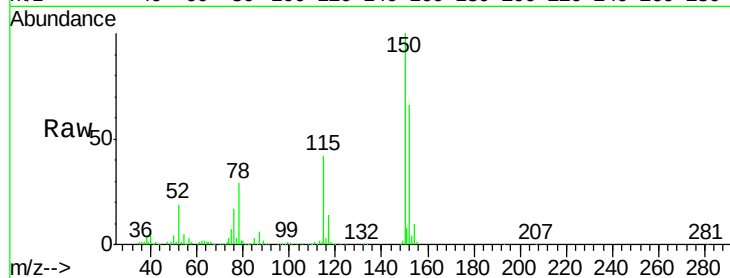
Tot Ion:152 Resp: 485779

Ion Ratio Lower Upper

152 100

150 152.6 126.6 189.8

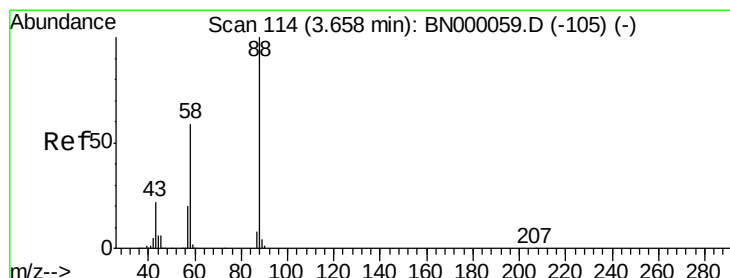
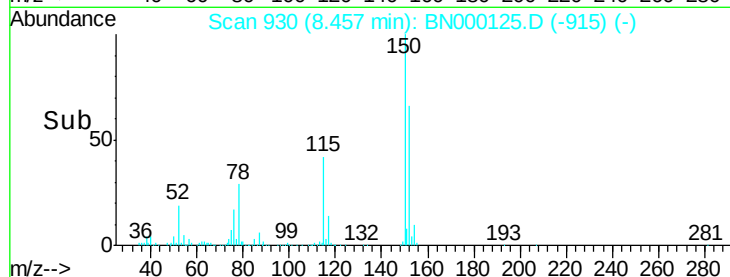
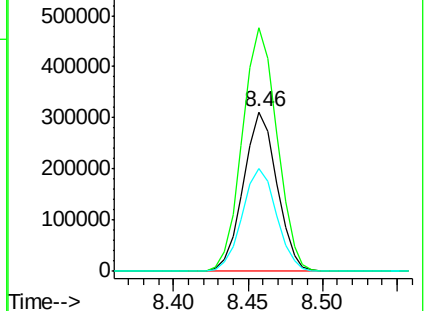
115 64.1 53.0 79.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 3.62 ng

RT: 3.32 min Scan# 56

Delta R.T. -0.34 min

Lab File: BN000125.D

Acq: 19 Feb 2018 23:55

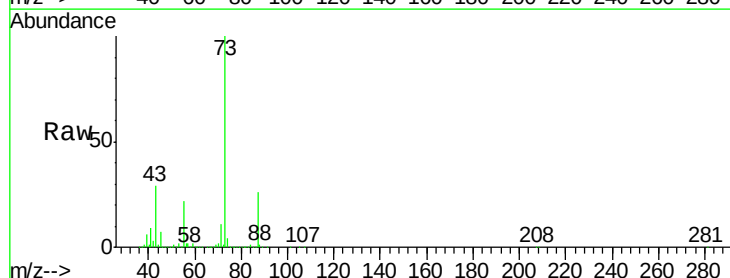
Tgt Ion: 88 Resp: 43469

Ion Ratio Lower Upper

88 100

58 27.5 52.0 78.0#

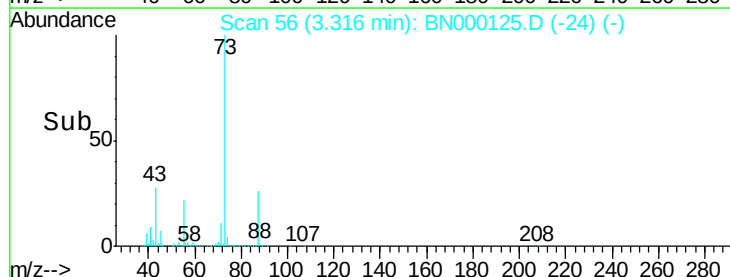
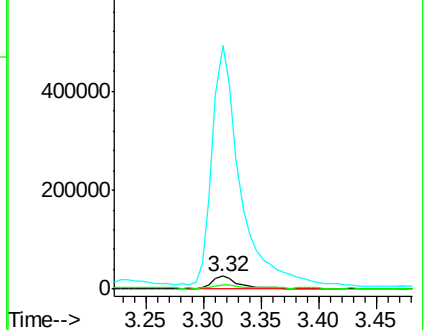
43 1921.7 20.0 30.0#

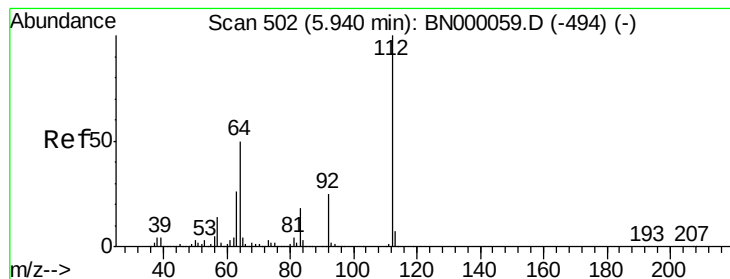


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC

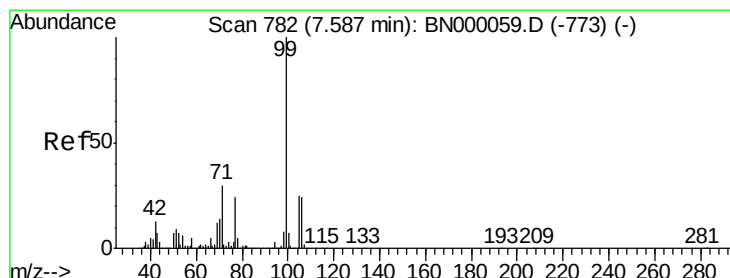
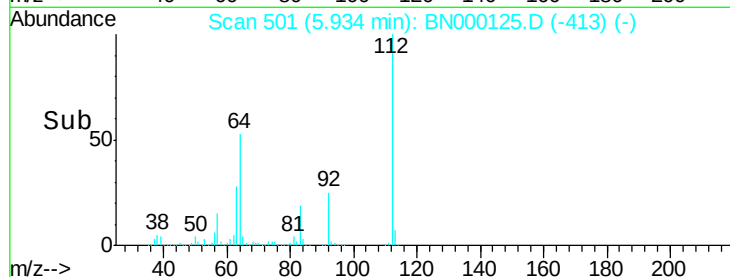
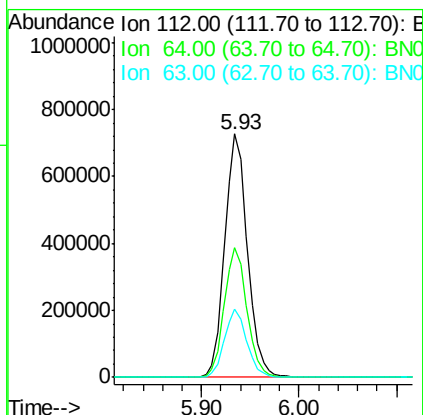
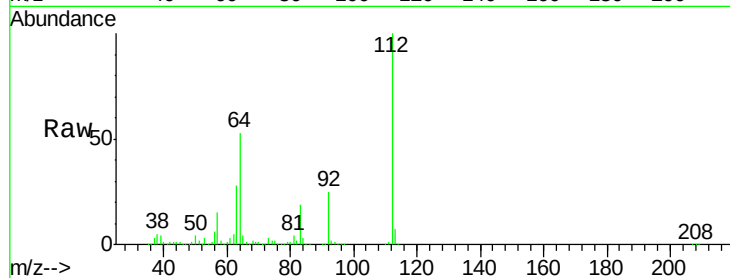




#5
 2-Fluorophenol
 Concen: 39.30 ng
 RT: 5.93 min Scan# 501
 Delta R.T. -0.01 min
 Lab File: BN000125.D
 Acq: 19 Feb 2018 23:55

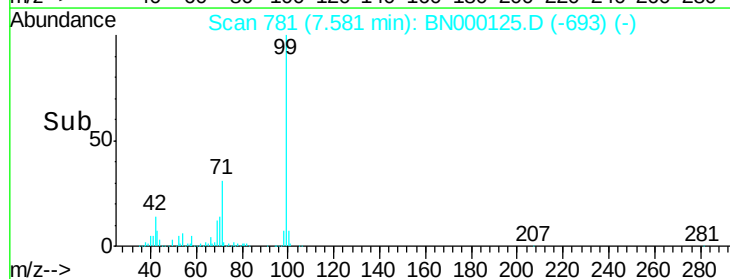
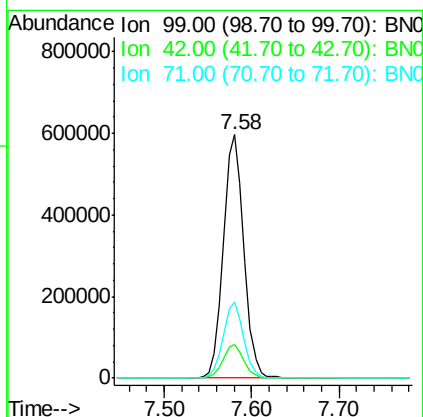
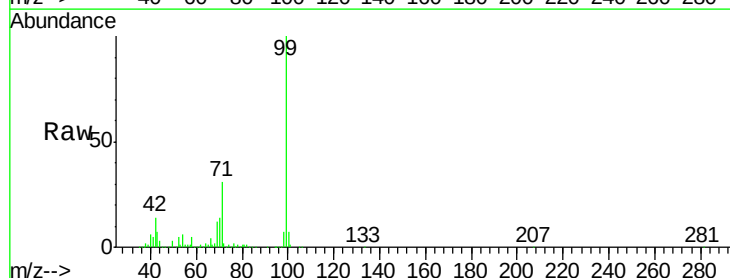
Instrument :
 BNA_N
 ClientSampleId :

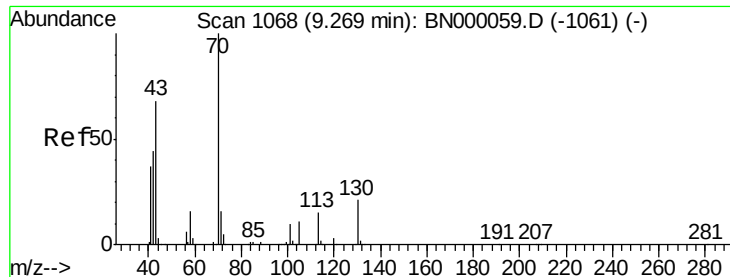
Tot Ion:112 Resp: 1171476
 Ion Ratio Lower Upper
 112 100
 64 53.4 56.3 84.5#
 63 27.9 30.1 45.1#



#7
 Phenol-d6
 Concen: 21.36 ng
 RT: 7.58 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BN000125.D
 Acq: 19 Feb 2018 23:55

Tgt Ion: 99 Resp: 964415
 Ion Ratio Lower Upper
 99 100
 42 13.9 14.1 21.1#
 71 31.1 26.1 39.1





#19

n-Nitroso-di-n-propylamine

Concen: 15.57 ng

RT: 9.63 min Scan# 1130

Delta R.T. 0.35 min

Lab File: BN000125.D

Acq: 19 Feb 2018 23:55

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 70 Resp: 471105

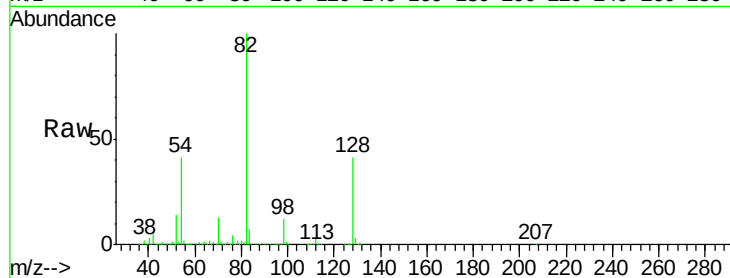
Ion Ratio Lower Upper

70 100

42 36.3 49.1 73.7#

101 0.0 8.5 12.7#

130 1.9 13.4 20.0#

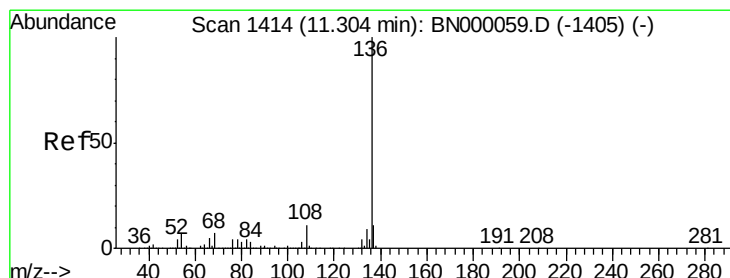
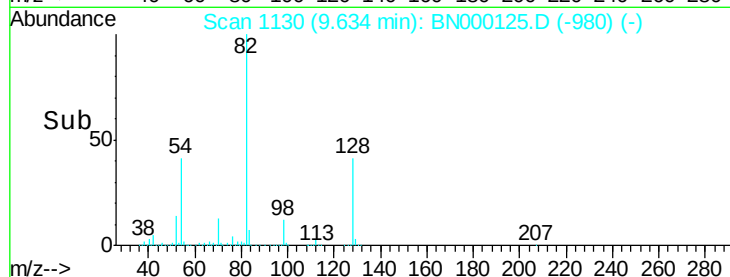
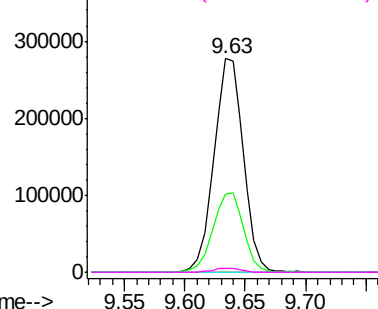


Abundance Ion 70.00 (69.70 to 70.70): BN0

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: 20.00 ng

RT: 11.30 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BN000125.D

Acq: 19 Feb 2018 23:55

Tgt Ion: 136 Resp: 2358473

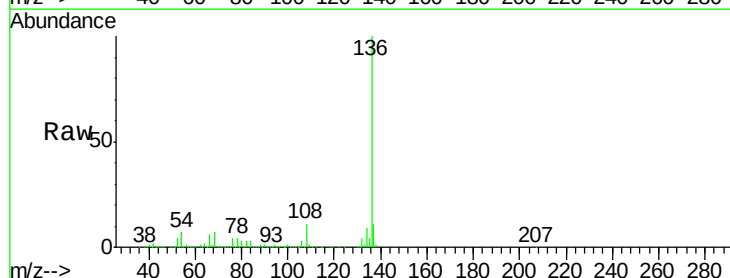
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 7.3 10.3 15.5#

68 6.8 4.5 6.7#

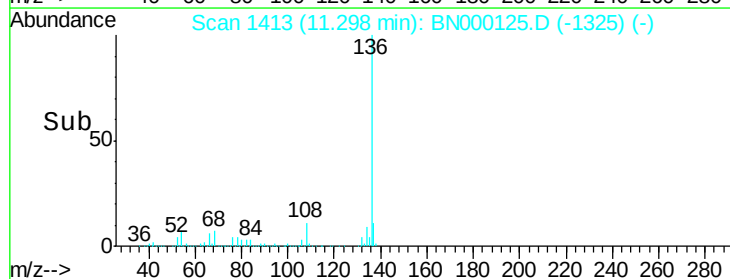
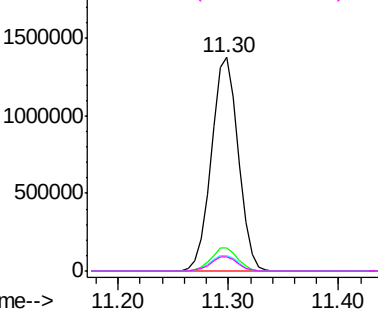


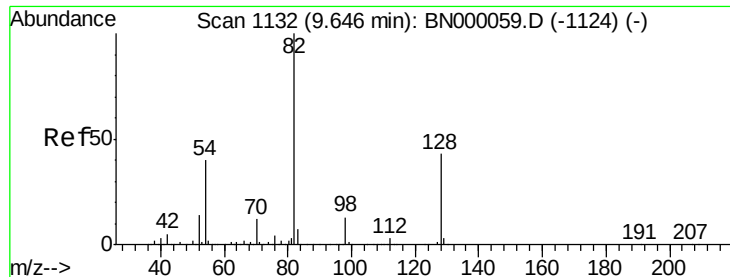
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BN0

Ion 68.00 (67.70 to 68.70): BN0

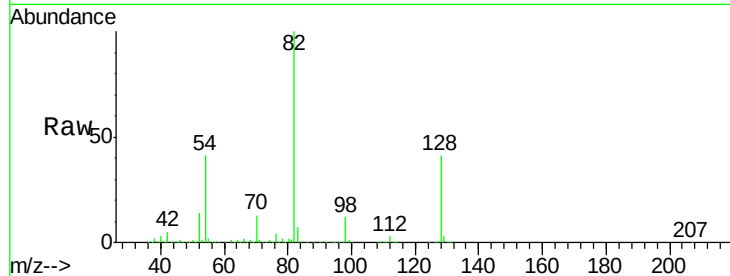




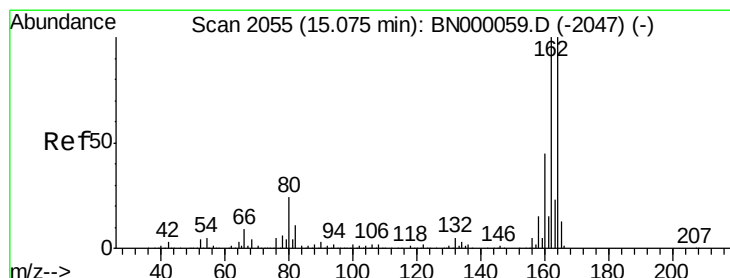
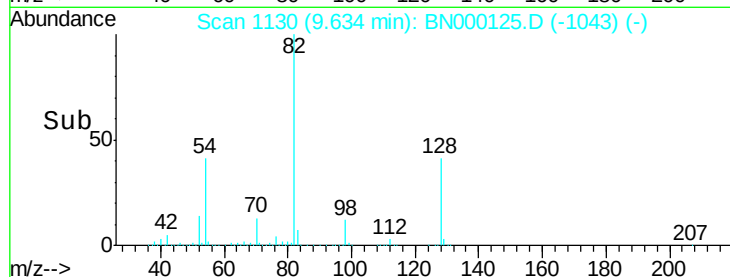
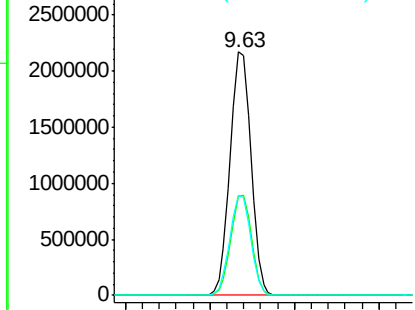
#23
 Nitrobenzene-d5
 Concen: 93.38 ng
 RT: 9.63 min Scan# 1130
 Delta R.T. -0.02 min
 Lab File: BN000125.D
 Acq: 19 Feb 2018 23:55

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion: 82 Resp: 3704208
 Ion Ratio Lower Upper
 82 100
 128 40.6 29.7 44.5
 54 41.2 43.1 64.7#

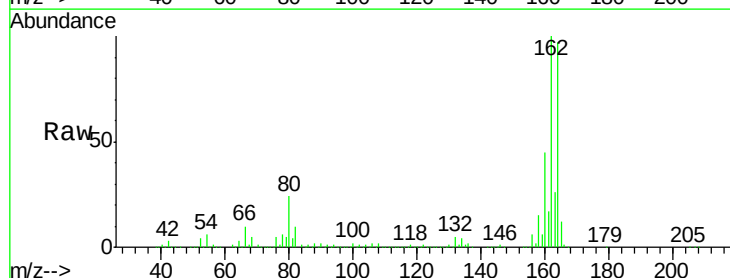


Abundance Ion 82.00 (81.70 to 82.70): BN0
 Ion 128.00 (127.70 to 128.70): BN0
 Ion 54.00 (53.70 to 54.70): BN0

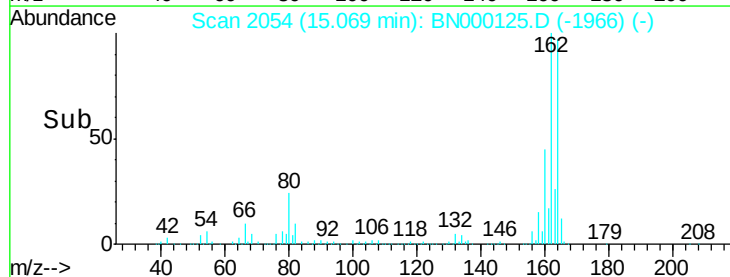
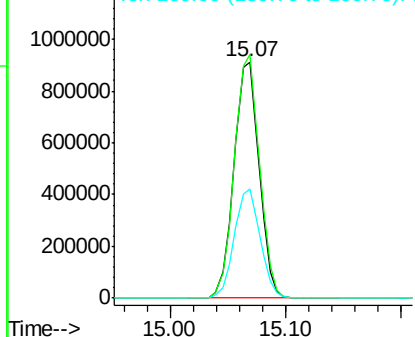


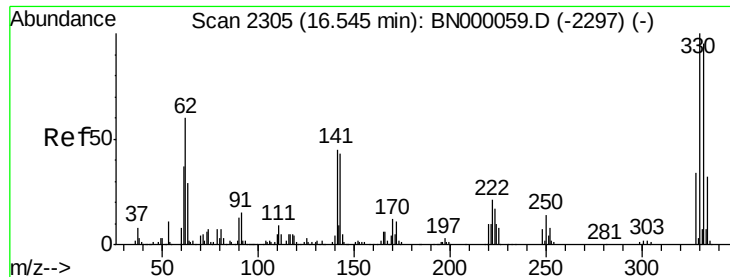
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.07 min Scan# 2054
 Delta R.T. -0.01 min
 Lab File: BN000125.D
 Acq: 19 Feb 2018 23:55

Tgt Ion:164 Resp: 1373615
 Ion Ratio Lower Upper
 164 100
 162 103.1 78.8 118.2
 160 46.5 35.4 53.0



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

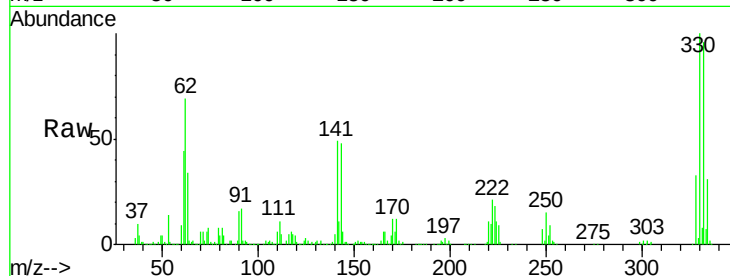




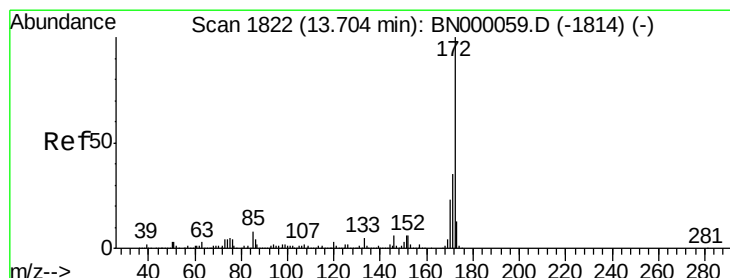
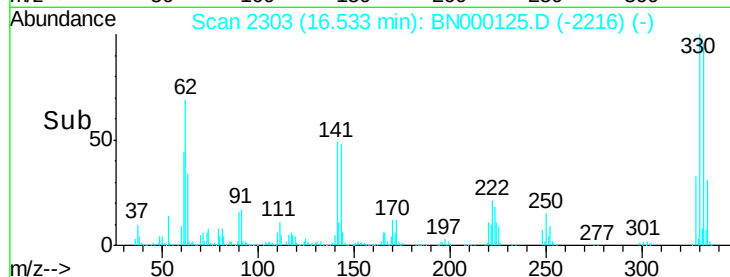
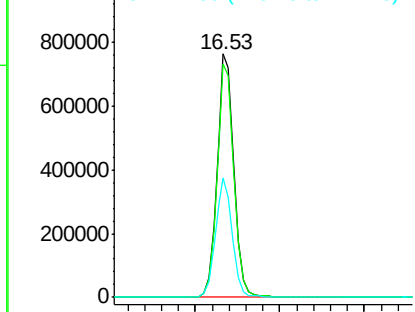
#41
 2,4,6-Tribromophenol
 Concen: 78.51 ng
 RT: 16.53 min Scan# 2303
 Delta R.T. -0.02 min
 Lab File: BN000125.D
 Acq: 19 Feb 2018 23:55

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:330 Resp: 1067479
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 49.4 25.2 37.8#

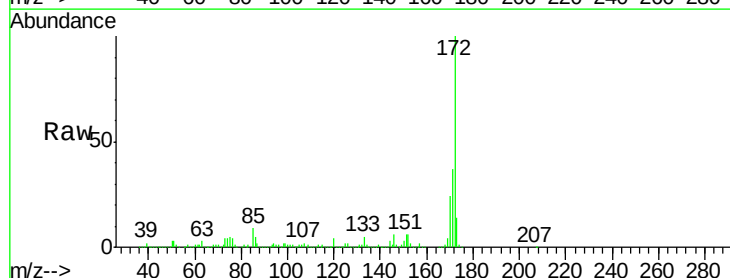


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

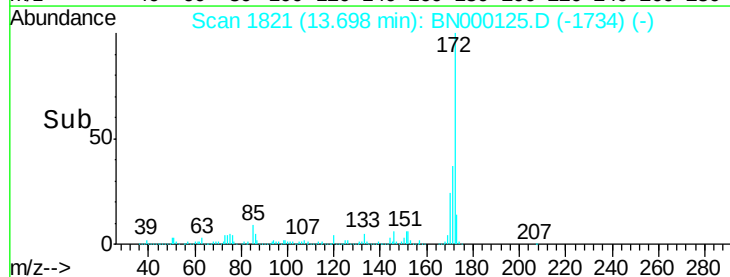
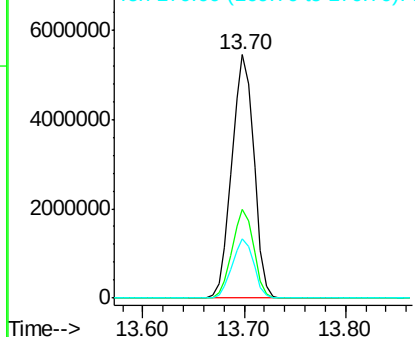


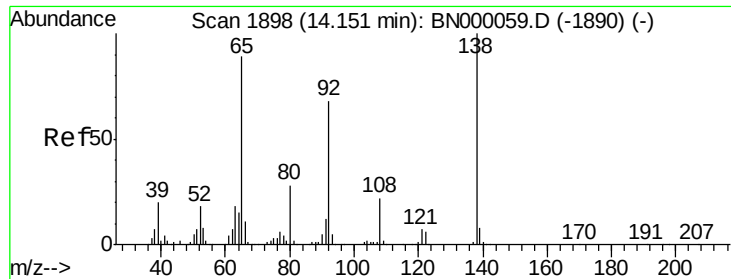
#44
 2-Fluorobiphenyl
 Concen: 84.47 ng
 RT: 13.70 min Scan# 1821
 Delta R.T. -0.02 min
 Lab File: BN000125.D
 Acq: 19 Feb 2018 23:55

Tgt Ion:172 Resp: 8232434
 Ion Ratio Lower Upper
 172 100
 171 36.7 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: 4.98 ng

RT: 14.50 min Scan# 1958

Delta R.T. 0.35 min

Lab File: BN000125.D

Acq: 19 Feb 2018 23:55

Instrument :

BNA_N

ClientSampleId :

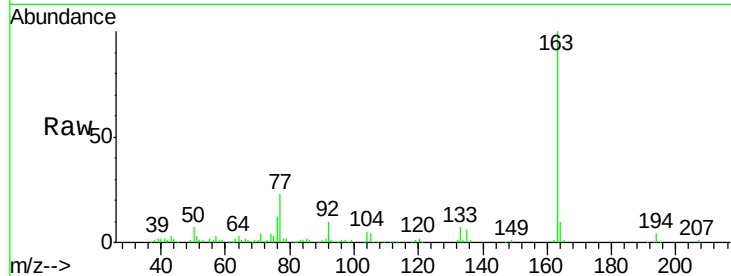
Tot Ion: 65 Resp: 3082

Ion Ratio Lower Upper

65 100

92 697.0 54.6 82.0#

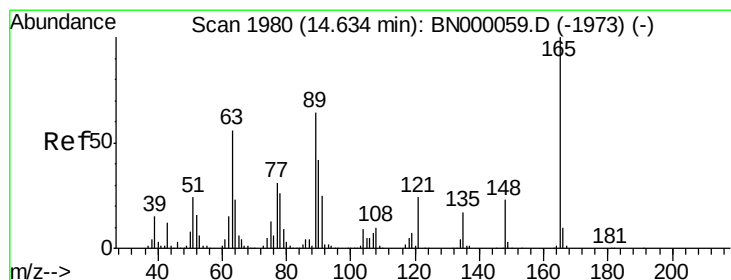
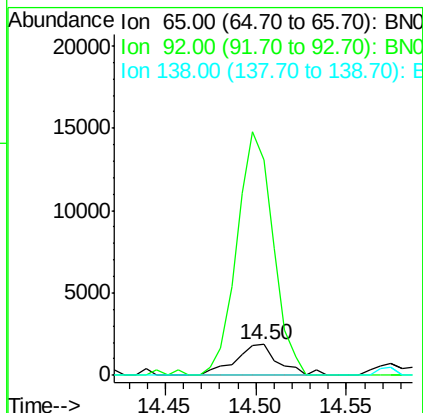
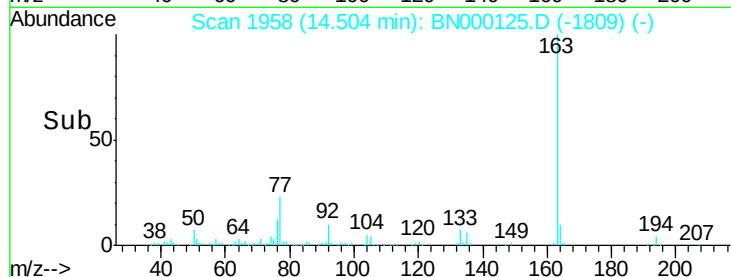
138 0.0 72.9 109.3#



Abundance Ion 65.00 (64.70 to 65.70): BN000059.D (-1890) (-)

Ion 92.00 (91.70 to 92.70): BN000059.D (-1890) (-)

Ion 138.00 (137.70 to 138.70): BN000059.D (-1890) (-)



#50

2,6-Dinitrotoluene

Concen: 7.44 ng

RT: 15.07 min Scan# 2054

Delta R.T. 0.42 min

Lab File: BN000125.D

Acq: 19 Feb 2018 23:55

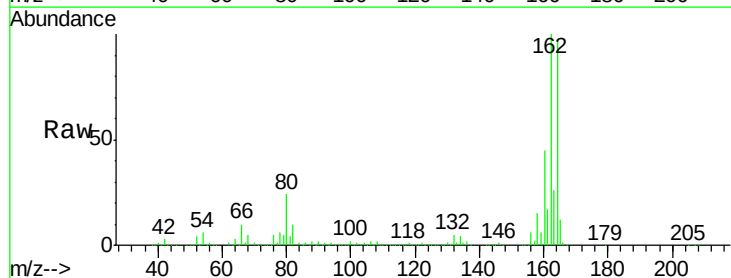
Tgt Ion: 165 Resp: 176349

Ion Ratio Lower Upper

165 100

63 1.7 52.7 79.1#

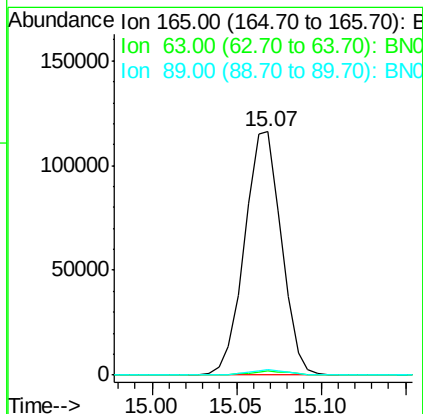
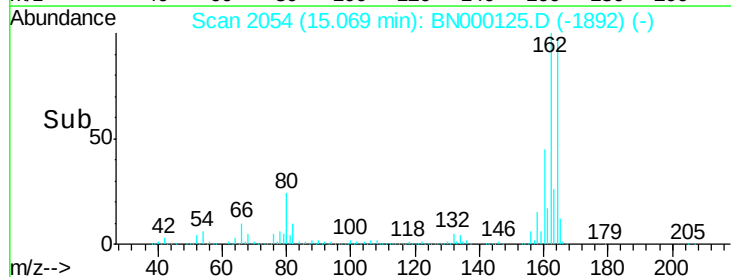
89 2.2 49.2 73.8#

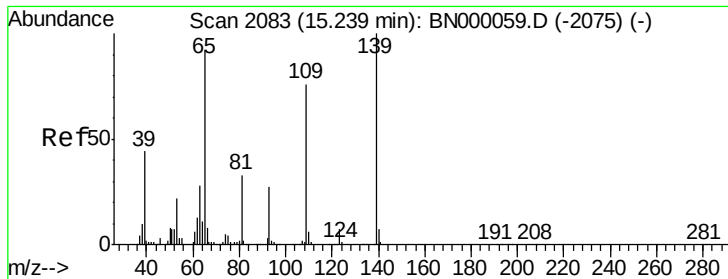


Abundance Ion 165.00 (164.70 to 165.70): BN000059.D (-1973) (-)

Ion 63.00 (62.70 to 63.70): BN000059.D (-1973) (-)

Ion 89.00 (88.70 to 89.70): BN000059.D (-1973) (-)

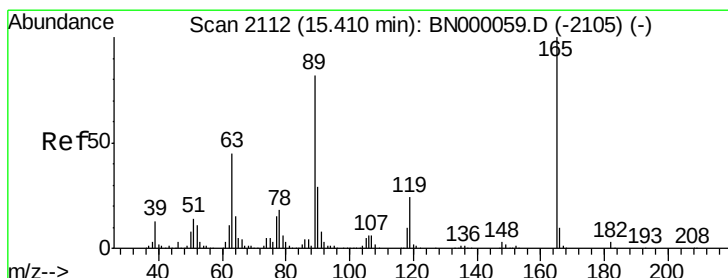
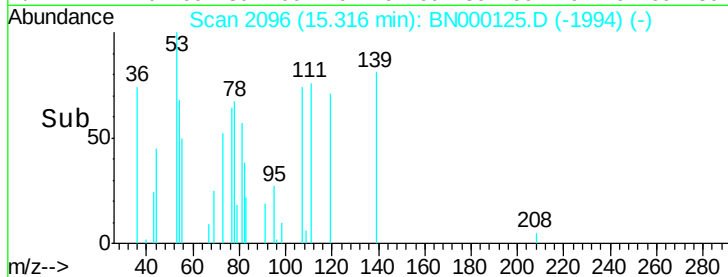
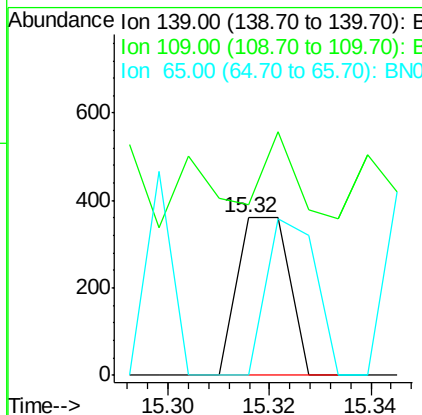
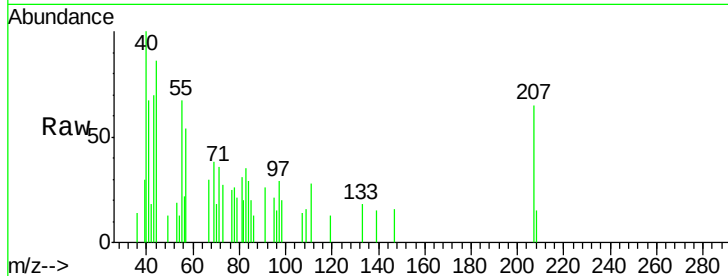




#55
4-Nitrophenol
Concen: 4.99 ng
RT: 15.32 min Scan# 2096
Delta R.T. 0.07 min
Lab File: BN000125.D
Acq: 19 Feb 2018 23:55

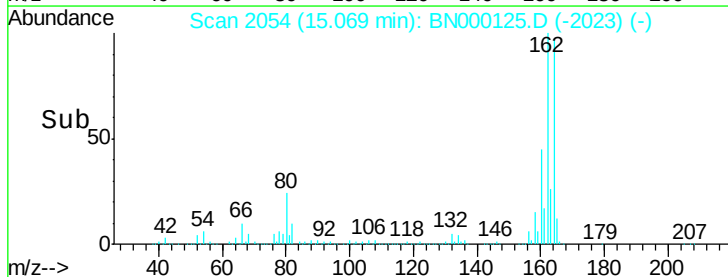
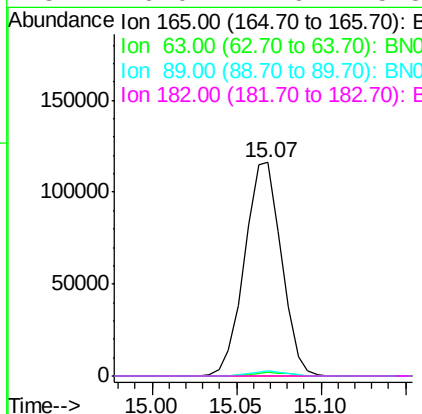
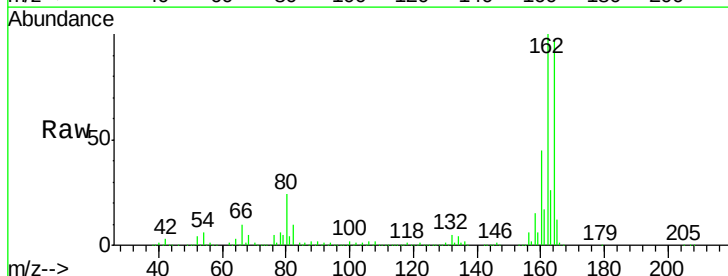
Instrument :
BNA_N
ClientSampled :

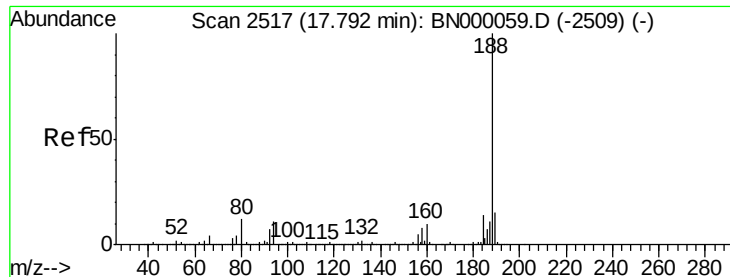
Tot Ion:139 Resp: 254
Ion Ratio Lower Upper
139 100
109 108.6 62.2 102.2#
65 0.0 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 8.93 ng
RT: 15.07 min Scan# 2054
Delta R.T. -0.35 min
Lab File: BN000125.D
Acq: 19 Feb 2018 23:55

Tgt Ion:165 Resp: 176349
Ion Ratio Lower Upper
165 100
63 1.7 42.0 63.0#
89 2.2 66.9 100.3#
182 0.0 2.6 3.8#

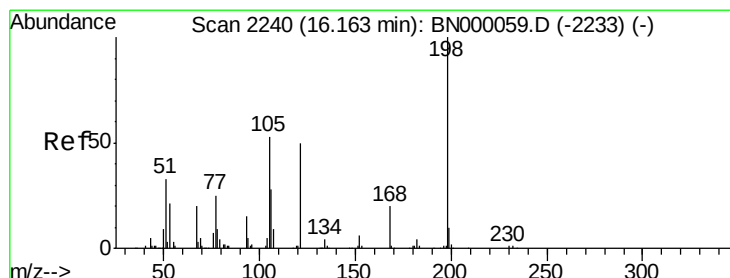
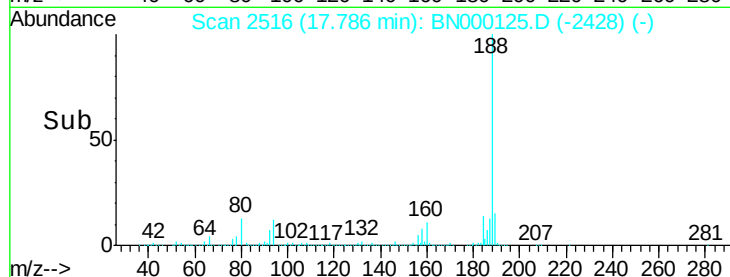
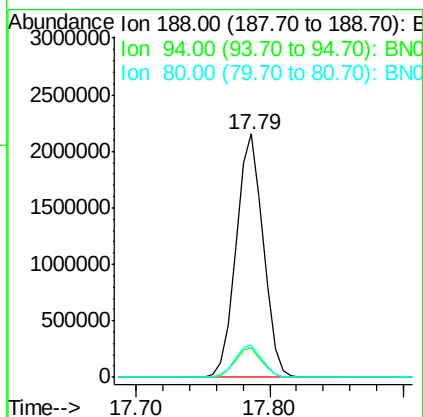
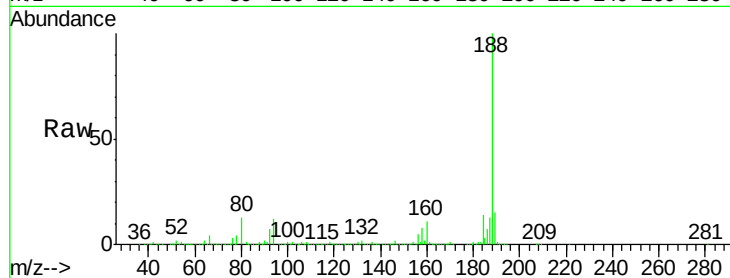




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.79 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BN000125.D
Acq: 19 Feb 2018 23:55

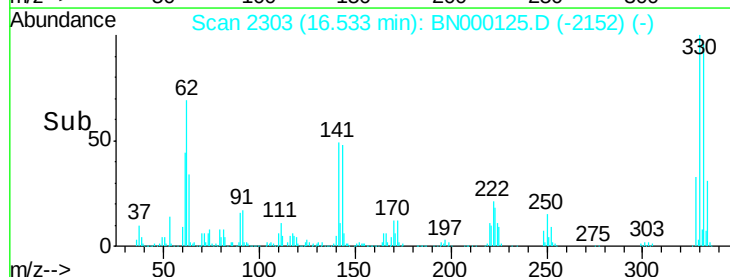
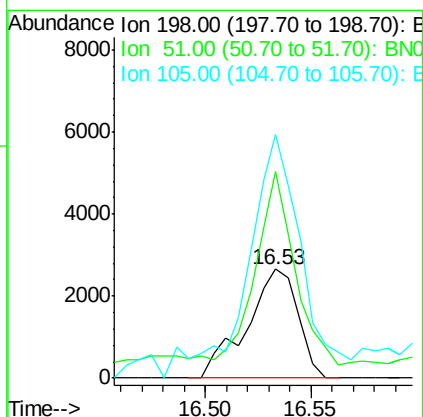
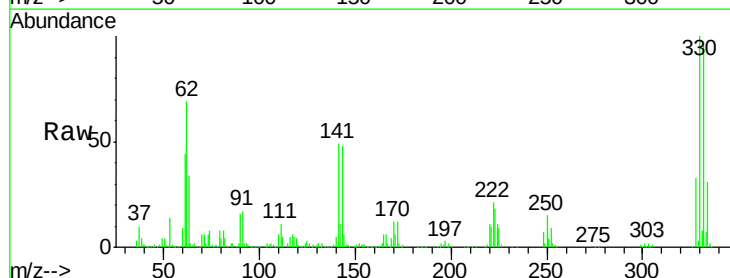
Instrument :
BNA_N
ClientSampled :

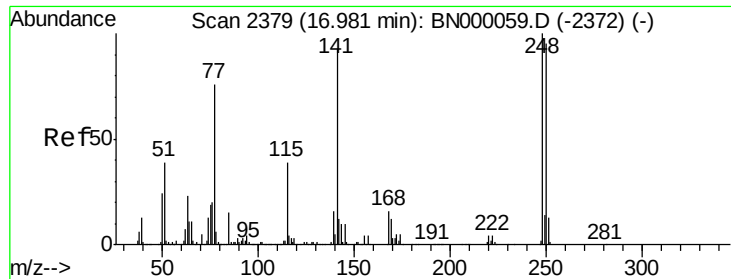
Tot Ion:188 Resp: 3019711
Ion Ratio Lower Upper
188 100
94 12.0 6.9 10.3#
80 13.2 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 8.96 ng
RT: 16.53 min Scan# 2303
Delta R.T. 0.36 min
Lab File: BN000125.D
Acq: 19 Feb 2018 23:55

Tgt Ion:198 Resp: 4474
Ion Ratio Lower Upper
198 100
51 189.3 30.6 70.6#
105 223.1 23.8 63.8#

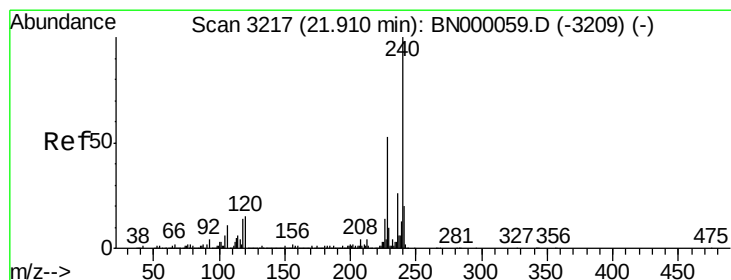
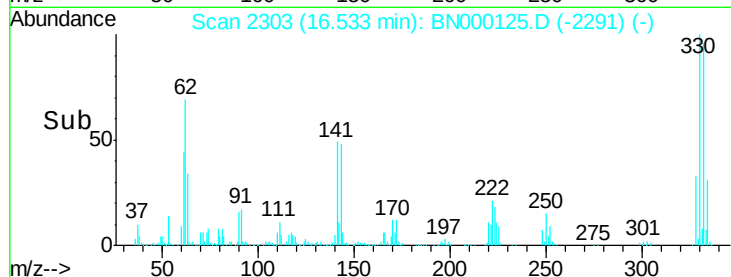
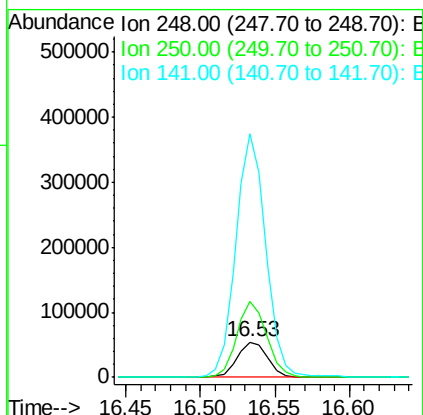
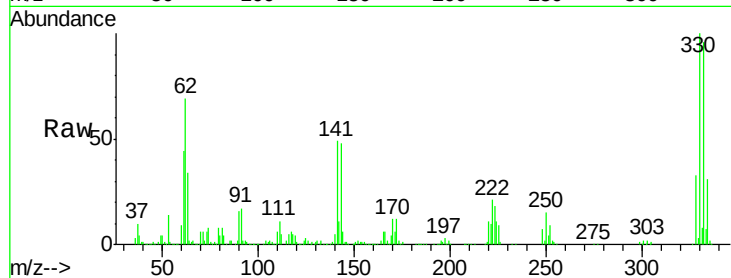




#66
4-Bromophenyl-phenylether
Concen: 2.66 ng
RT: 16.53 min Scan# 2303
Delta R.T. -0.46 min
Lab File: BN000125.D
Acq: 19 Feb 2018 23:55

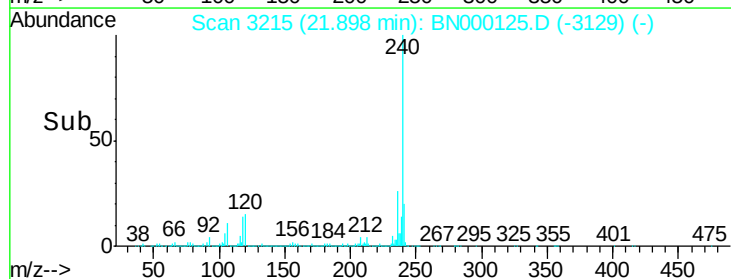
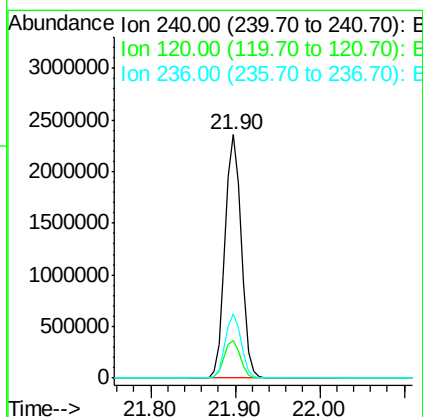
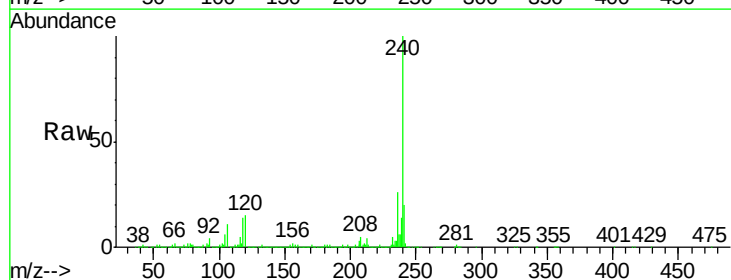
Instrument :
BNA_N
ClientSampleId :

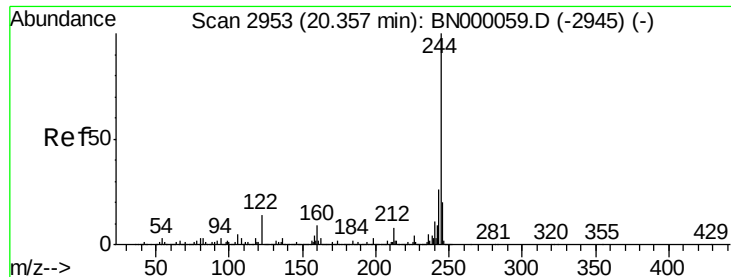
Tot Ion:248 Resp: 76381
Ion Ratio Lower Upper
248 100
250 216.1 77.1 115.7#
141 689.7 50.8 76.2#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.90 min Scan# 3215
Delta R.T. -0.02 min
Lab File: BN000125.D
Acq: 19 Feb 2018 23:55

Tgt Ion:240 Resp: 3132062
Ion Ratio Lower Upper
240 100
120 15.5 6.8 10.2#
236 26.2 20.9 31.3





#78

Terphenyl-d14

Concen: 89.08 ng

RT: 20.34 min Scan# 2951

Delta R.T. -0.02 min

Lab File: BN000125.D

Acq: 19 Feb 2018 23:55

Instrument :

BNA_N

ClientSampled :

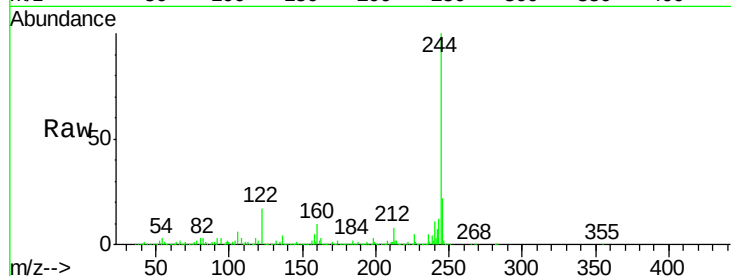
Tot Ion:244 Resp:10333181

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

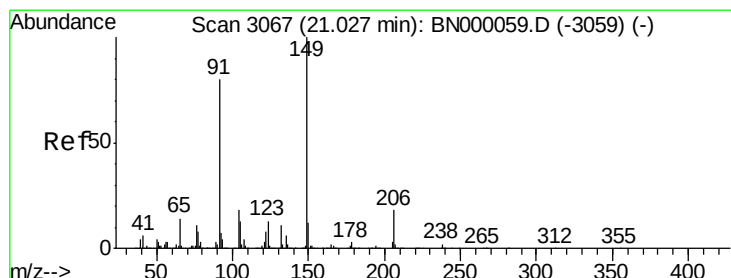
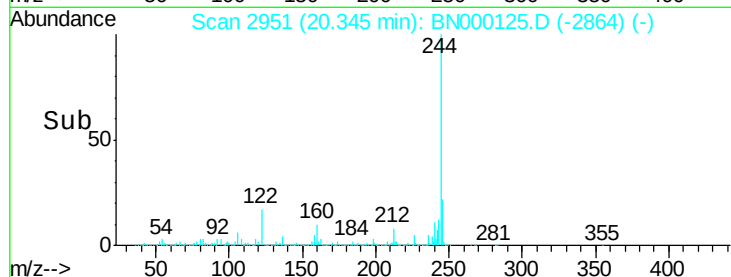
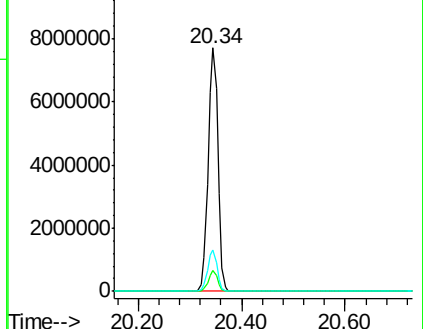
122 17.2 7.0 10.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 5.39 ng

RT: 21.02 min Scan# 3065

Delta R.T. -0.02 min

Lab File: BN000125.D

Acq: 19 Feb 2018 23:55

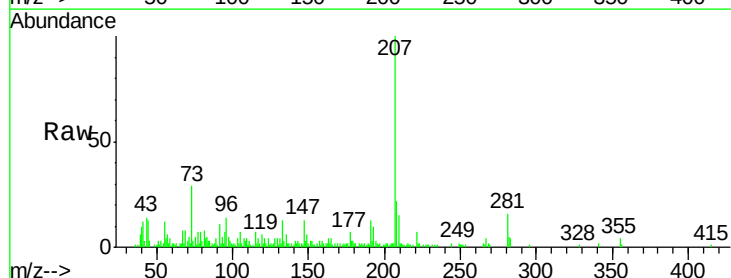
Tgt Ion:149 Resp: 1847

Ion Ratio Lower Upper

149 100

91 172.6 62.2 93.2#

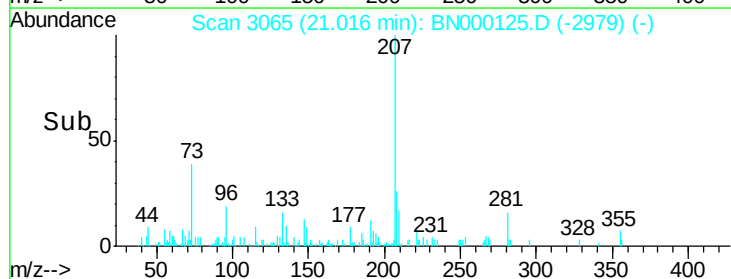
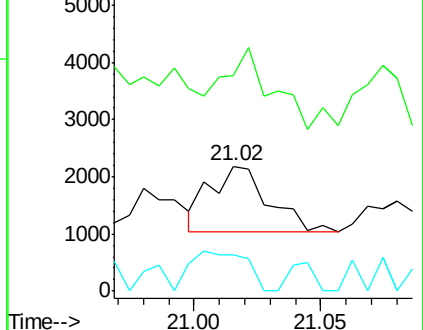
206 29.4 18.6 27.8#

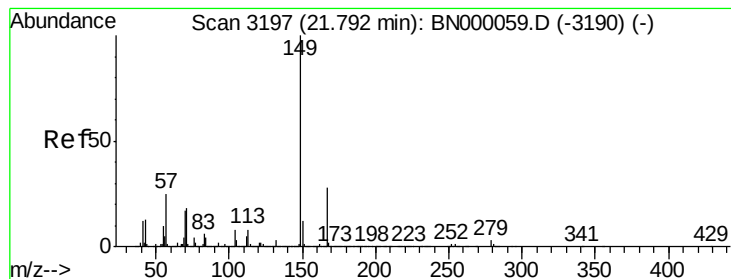


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BN0

Ion 206.00 (205.70 to 206.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.04 ng

RT: 21.77 min Scan# 3194

Delta R.T. -0.03 min

Lab File: BN000125.D

Acq: 19 Feb 2018 23:55

Instrument :

BNA_N

ClientSampleId :

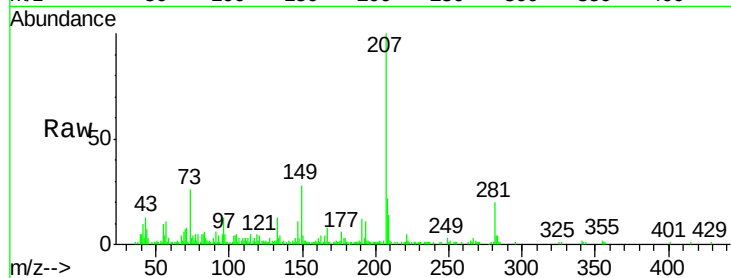
Tot Ion:149 Resp: 20932

Ion Ratio Lower Upper

149 100

167 28.4 24.3 36.5

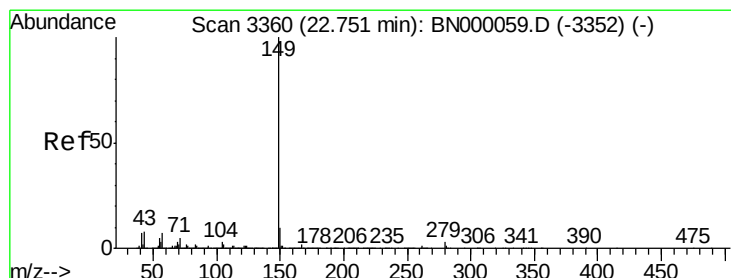
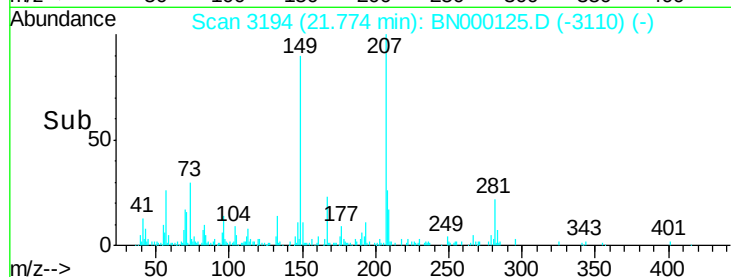
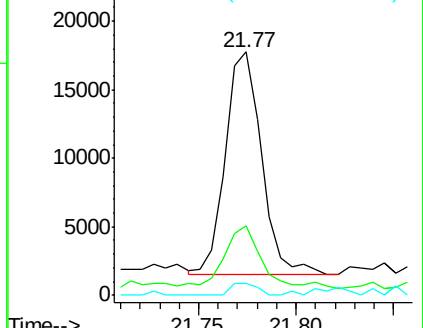
279 4.8 4.0 6.0



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: 6.73 ng

RT: 22.74 min Scan# 3359

Delta R.T. -0.03 min

Lab File: BN000125.D

Acq: 19 Feb 2018 23:55

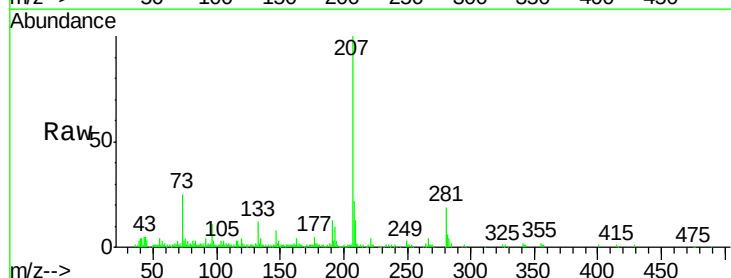
Tgt Ion:149 Resp: 623

Ion Ratio Lower Upper

149 100

167 71.6 1.4 2.0#

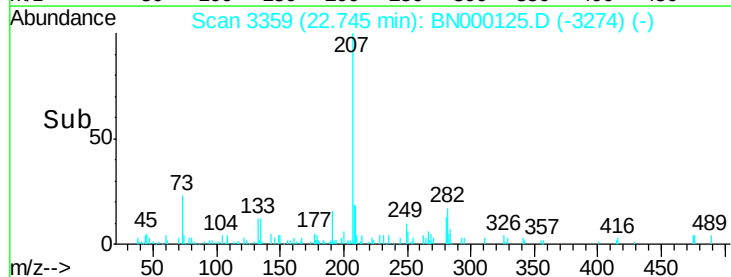
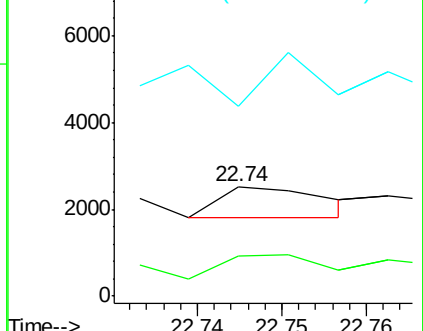
43 126.6 8.9 13.3#

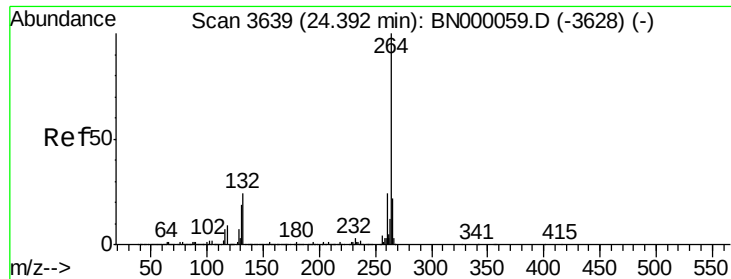


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNC





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 24.38 min Scan# 3637
 Delta R.T. -0.04 min
 Lab File: BN000125.D
 Acq: 19 Feb 2018 23:55

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:264 Resp: 3384221
 Ion Ratio Lower Upper
 264 100
 260 23.6 17.4 26.0
 265 21.5 17.7 26.5

