

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021918\
 Data File : BN000126.D
 Acq On : 20 Feb 2018 00:30
 Operator : JU/SJ
 Sample : J1591-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 20 03:13:57 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

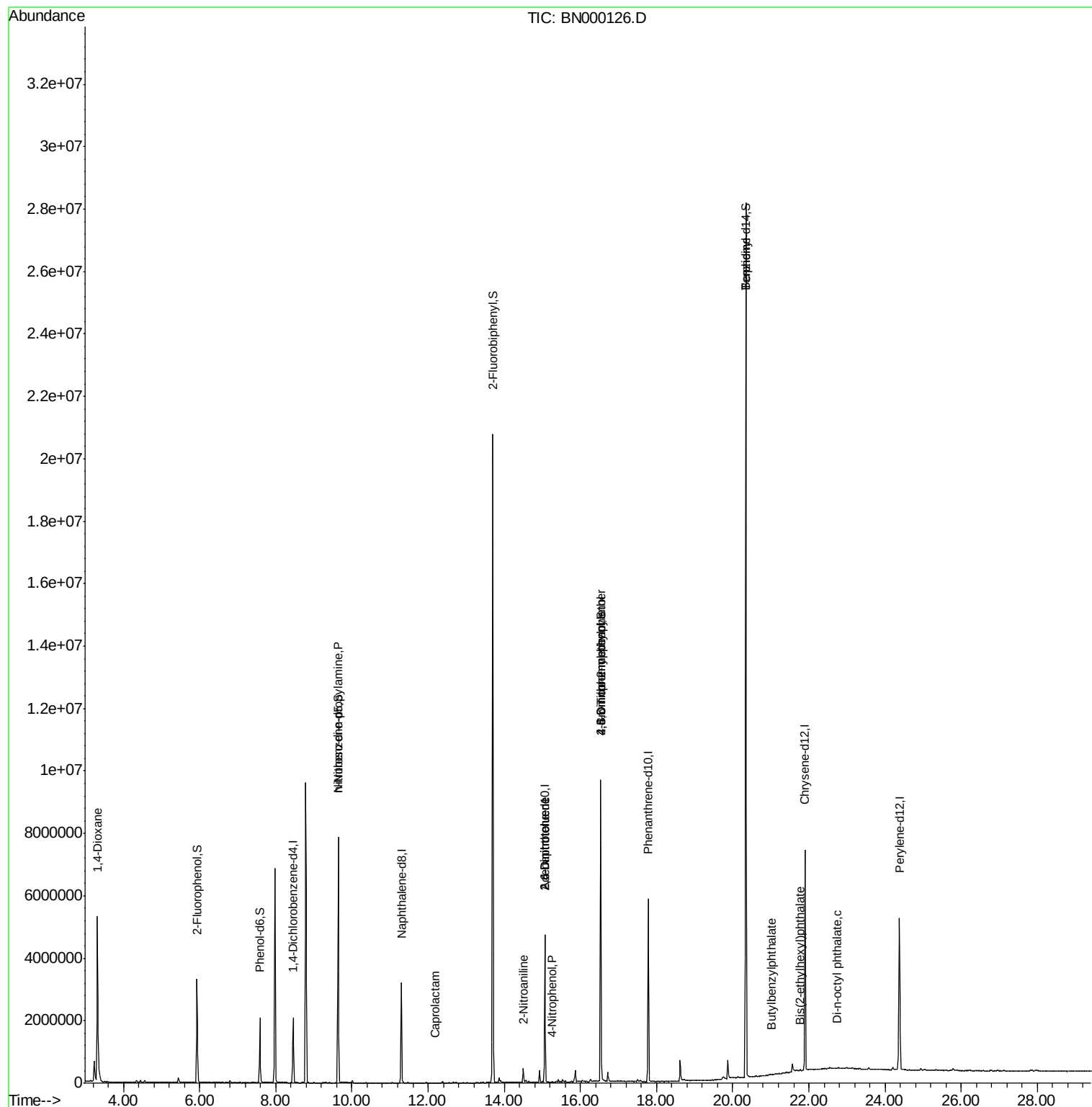
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	552286	20.00	ng	-0.01
21) Naphthalene-d8	11.30	136	2637510	20.00	ng	-0.01
38) Acenaphthene-d10	15.07	164	1501823	20.00	ng	-0.01
63) Phenanthrene-d10	17.79	188	3153403	20.00	ng	-0.01
75) Chrysene-d12	21.90	240	3091750	20.00	ng	-0.02
86) Perylene-d12	24.37	264	3321356	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.93	112	1615863	47.68	ng	-0.01
7) Phenol-d6	7.58	99	1311128	25.54	ng	-0.01
23) Nitrobenzene-d5	9.64	82	4889059	110.21	ng	-0.01
41) 2,4,6-Tribromophenol	16.54	330	1438925	96.79	ng	-0.01
44) 2-Fluorobiphenyl	13.70	172	10190517	95.63	ng	-0.02
78) Terphenyl-d14	20.34	244	11144686	97.33	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.32	88	53129	3.90	ng	# 1
19) n-Nitroso-di-n-propylamine	9.64	70	623580	18.13	ng	# 69
35) Caprolactam	12.18	113	127	4.03	ng	# 87
47) 2-Nitroaniline	14.50	65	3355	4.98	ng	# 1
50) 2,6-Dinitrotoluene	15.06	165	193957	7.48	ng	# 20
55) 4-Nitrophenol	15.24	139	123	4.98	ng	# 4
56) 2,4-Dinitrotoluene	15.06	165	193957	8.96	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.53	198	5590	9.01	ng	# 1
66) 4-Bromophenyl-phenylether	16.53	248	103628	3.46	ng	# 1
76) Benzidine	20.34	184	200599	2.04	ng	# 92
79) Butylbenzylphthalate	21.02	149	2552	5.40	ng	# 20
83) Bis(2-ethylhexyl)phthalate	21.77	149	14290	3.00	ng	# 94
84) Di-n-octyl phthalate	22.72	149	2770	6.74	ng	# 1

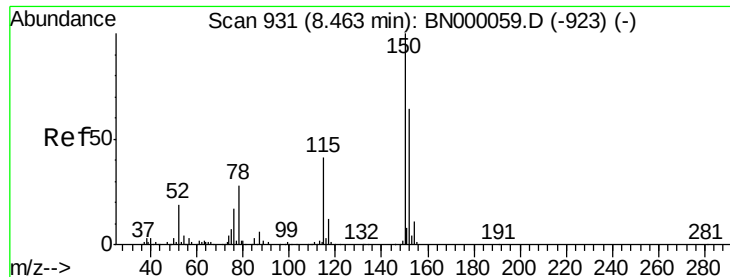
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021918\
Data File : BN000126.D
Acq On : 20 Feb 2018 00:30
Operator : JU/SJ
Sample : J1591-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Feb 20 03:13:57 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: BN000126.D

Acq: 20 Feb 2018 00:30

Instrument :

BNA_N

ClientSampleId :

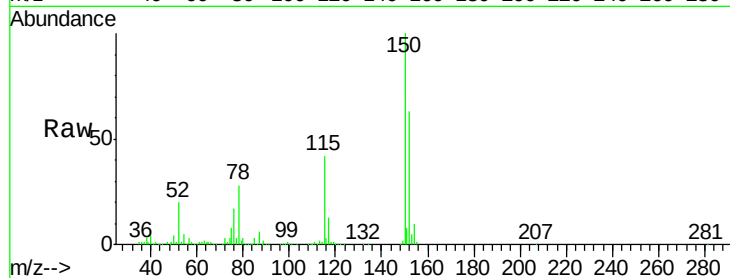
Tot Ion:152 Resp: 552286

Ion Ratio Lower Upper

152 100

150 159.2 126.6 189.8

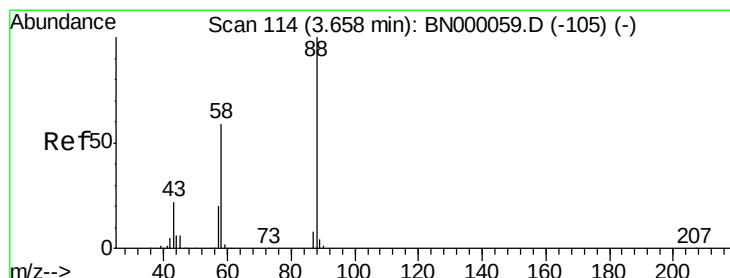
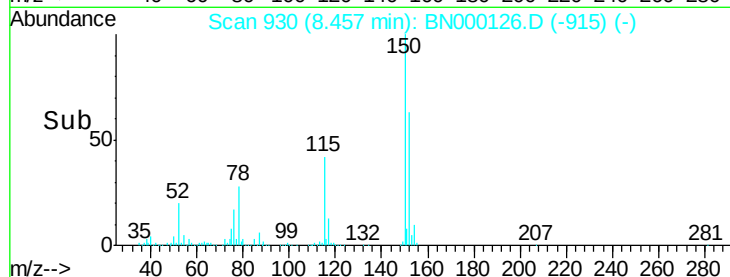
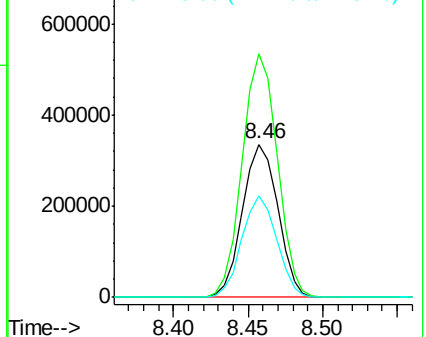
115 66.3 53.0 79.4



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: 3.90 ng

RT: 3.32 min Scan# 56

Delta R.T. -0.34 min

Lab File: BN000126.D

Acq: 20 Feb 2018 00:30

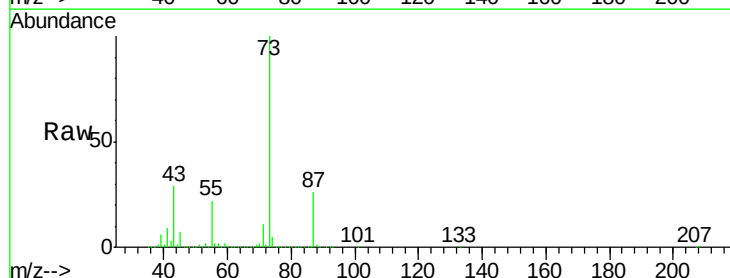
Tgt Ion: 88 Resp: 53129

Ion Ratio Lower Upper

88 100

58 27.4 52.0 78.0#

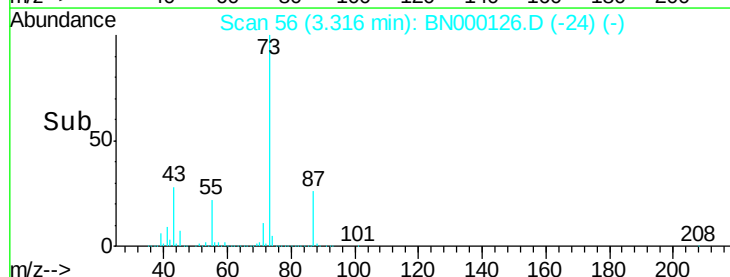
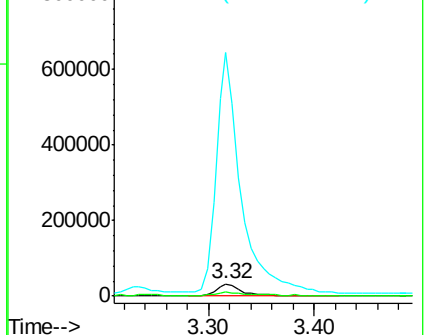
43 1976.5 20.0 30.0#

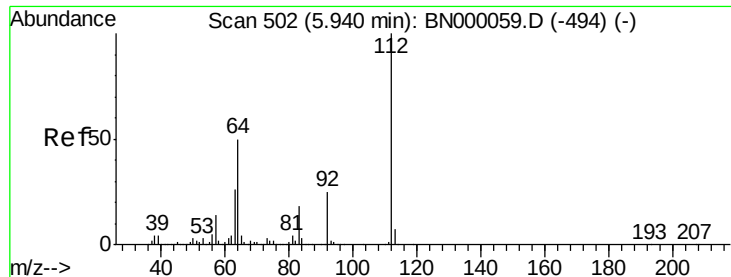


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#5

2-Fluorophenol

Concen: 47.68 ng

RT: 5.93 min Scan# 501

Delta R.T. -0.01 min

Lab File: BN000126.D

Acq: 20 Feb 2018 00:30

Instrument :

BNA_N

ClientSampleId :

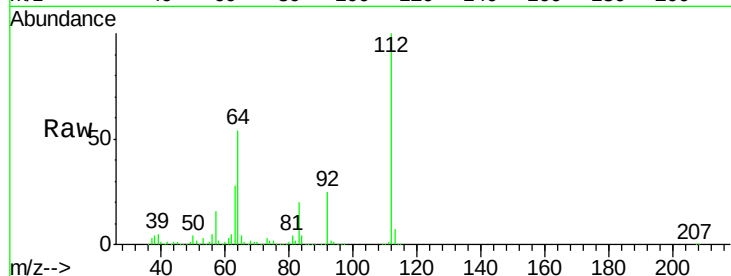
Tot Ion:112 Resp: 1615863

Ion Ratio Lower Upper

112 100

64 53.8 56.3 84.5#

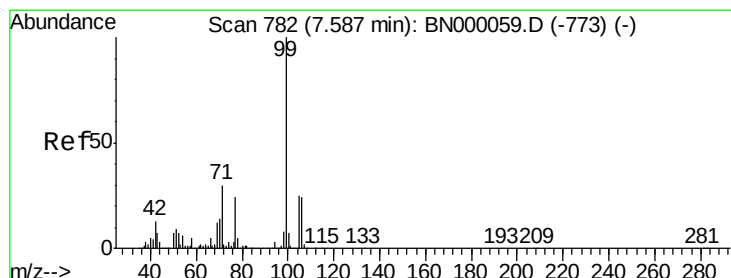
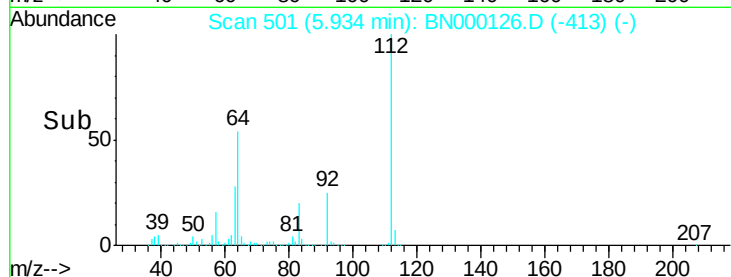
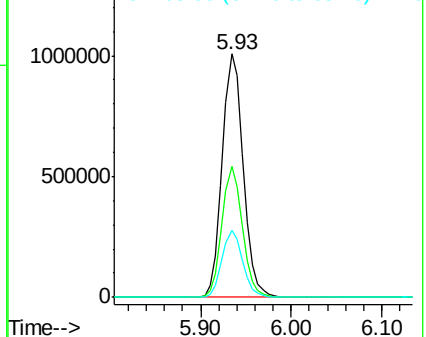
63 27.6 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#7

Phenol-d6

Concen: 25.54 ng

RT: 7.58 min Scan# 781

Delta R.T. -0.01 min

Lab File: BN000126.D

Acq: 20 Feb 2018 00:30

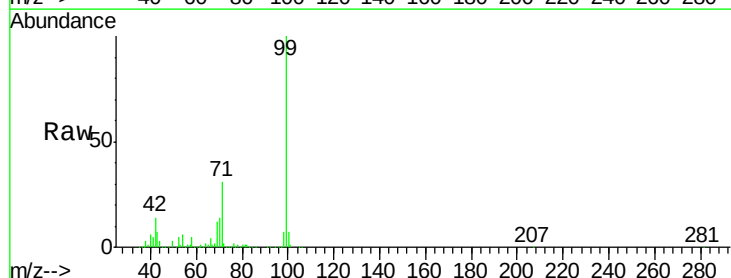
Tgt Ion: 99 Resp: 1311128

Ion Ratio Lower Upper

99 100

42 13.6 14.1 21.1#

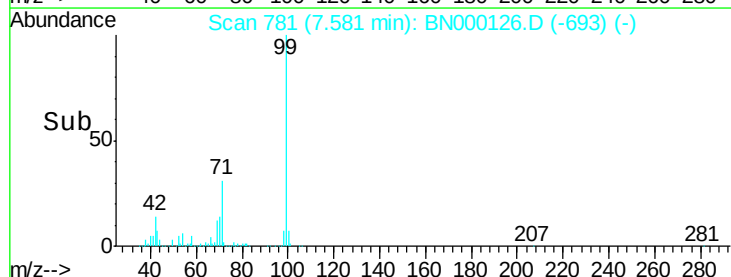
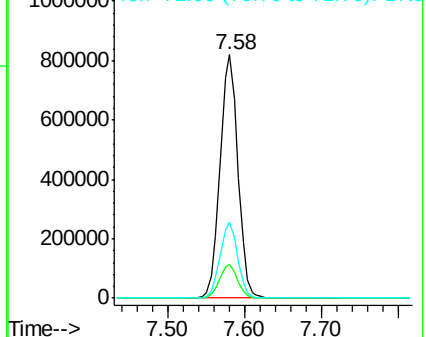
71 31.1 26.1 39.1

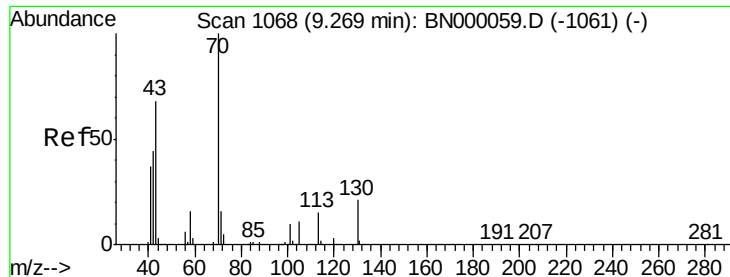


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#19

n-Nitroso-di-n-propylamine

Concen: 18.13 ng

RT: 9.64 min Scan# 1131

Delta R.T. 0.36 min

Lab File: BN000126.D

Acq: 20 Feb 2018 00:30

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 70 Resp: 623580

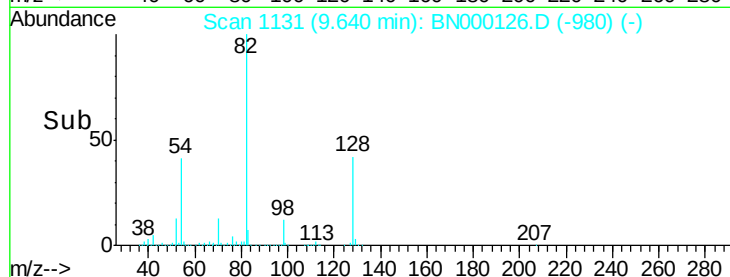
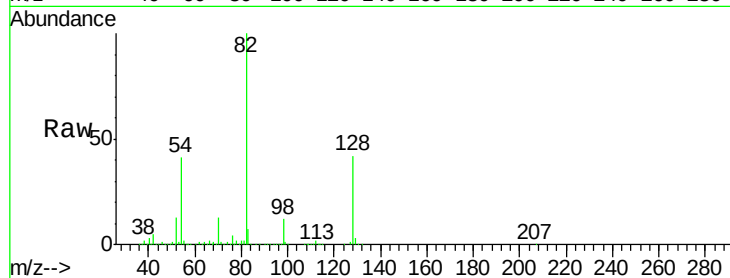
Ion Ratio Lower Upper

70 100

42 37.8 49.1 73.7#

101 0.0 8.5 12.7#

130 2.2 13.4 20.0#

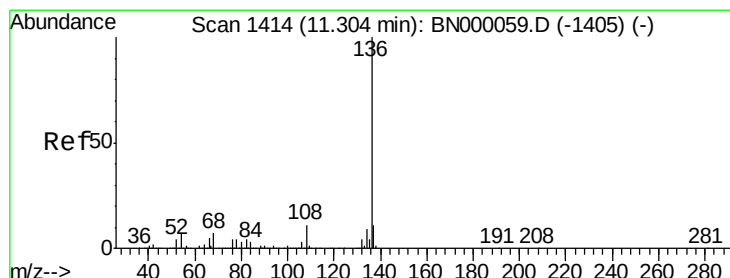
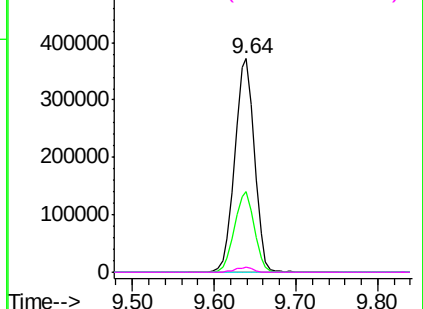


Abundance Ion 70.00 (69.70 to 70.70): BN0

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: BN000126.D

Acq: 20 Feb 2018 00:30

Tgt Ion: 136 Resp: 2637510

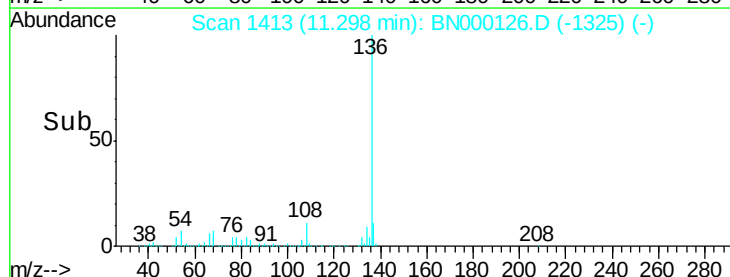
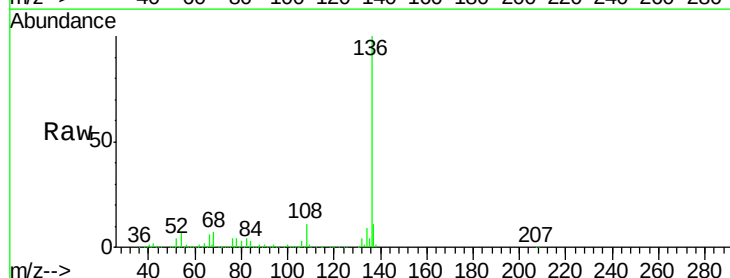
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 7.2 10.3 15.5#

68 6.9 4.5 6.7#

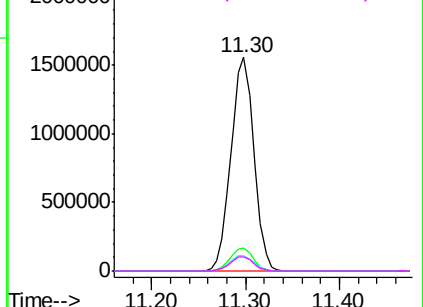


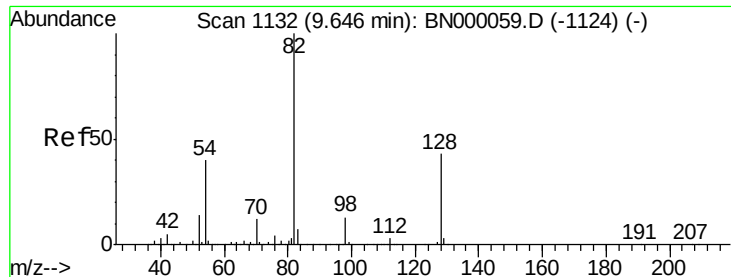
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BN0

Ion 68.00 (67.70 to 68.70): BN0

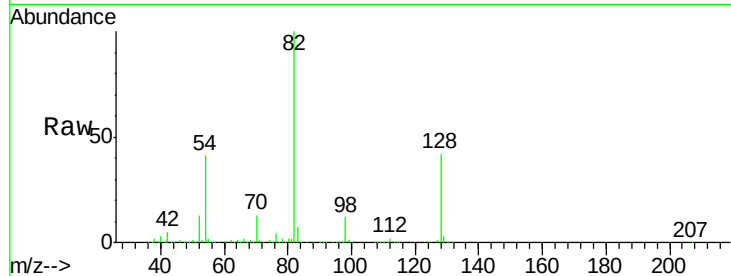




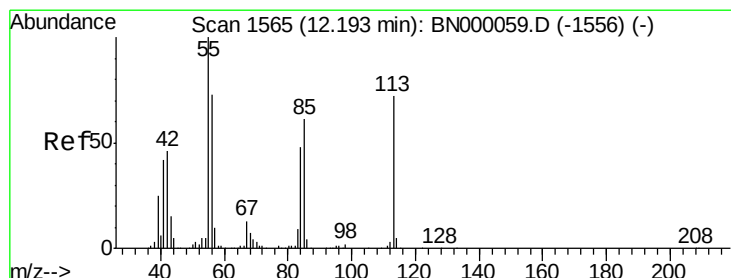
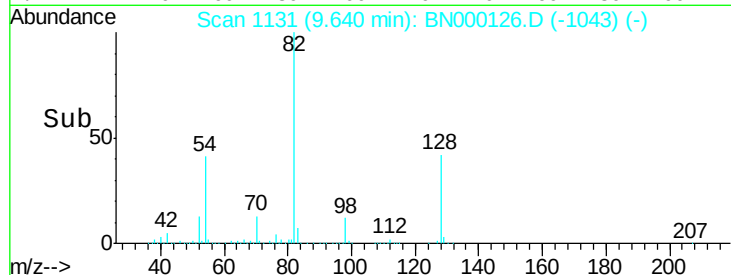
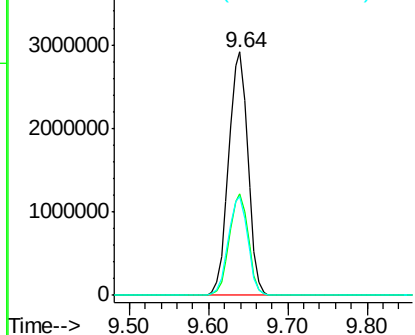
#23
 Nitrobenzene-d5
 Concen: 110.21 ng
 RT: 9.64 min Scan# 1131
 Delta R.T. -0.01 min
 Lab File: BN000126.D
 Acq: 20 Feb 2018 00:30

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion: 82 Resp: 4889059
 Ion Ratio Lower Upper
 82 100
 128 41.9 29.7 44.5
 54 40.6 43.1 64.7#

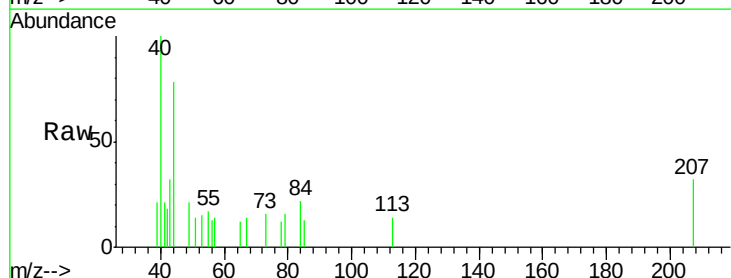


Abundance Ion 82.00 (81.70 to 82.70): BN0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BN0

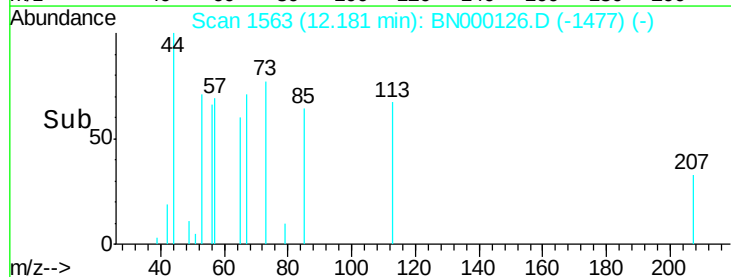
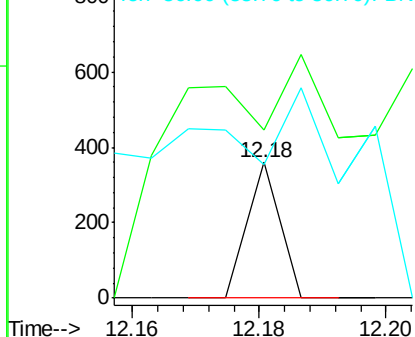


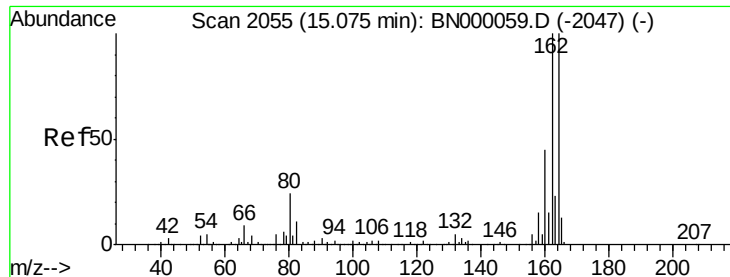
#35
 Caprolactam
 Concen: 4.03 ng
 RT: 12.18 min Scan# 1563
 Delta R.T. -0.02 min
 Lab File: BN000126.D
 Acq: 20 Feb 2018 00:30

Tgt Ion: 113 Resp: 127
 Ion Ratio Lower Upper
 113 100
 55 123.6 120.0 160.0
 56 98.1 90.0 130.0



Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BN0
 Ion 56.00 (55.70 to 56.70): BN0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.07 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BN000126.D

Acq: 20 Feb 2018 00:30

Instrument :

BNA_N

ClientSampleId :

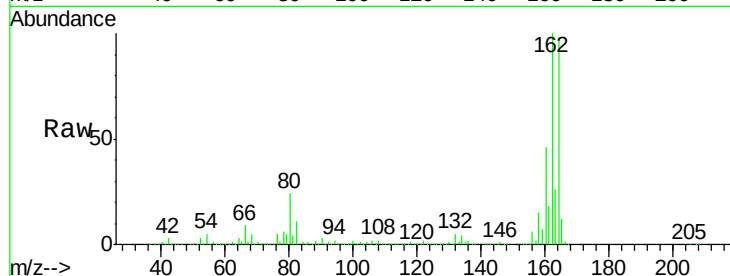
Tot Ion:164 Resp: 1501823

Ion Ratio Lower Upper

164 100

162 101.9 78.8 118.2

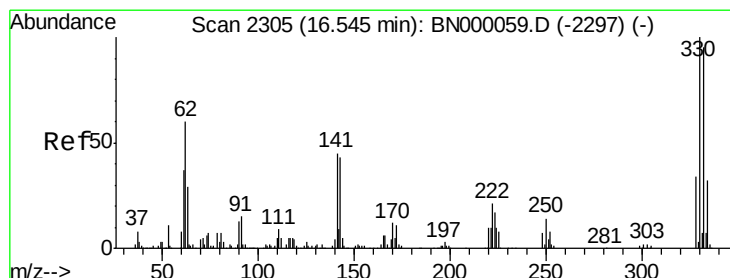
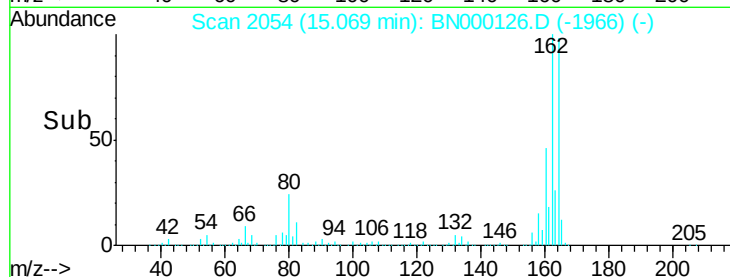
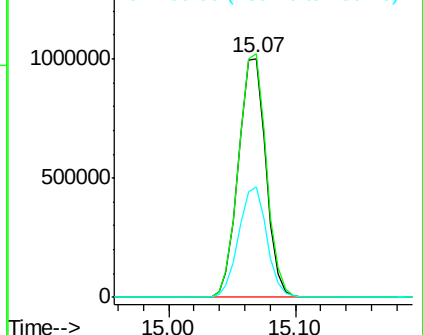
160 46.4 35.4 53.0



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: 96.79 ng

RT: 16.54 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BN000126.D

Acq: 20 Feb 2018 00:30

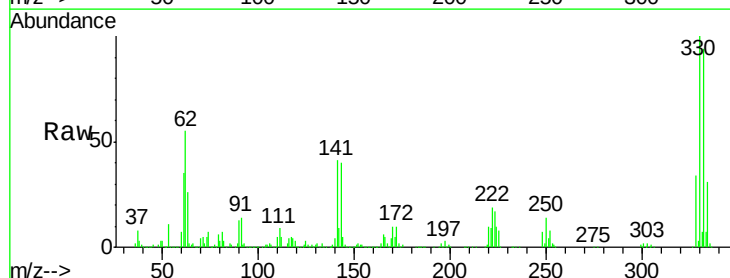
Tgt Ion:330 Resp: 1438925

Ion Ratio Lower Upper

330 100

332 95.2 77.0 115.6

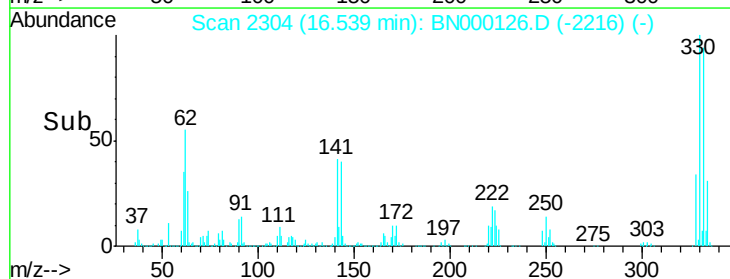
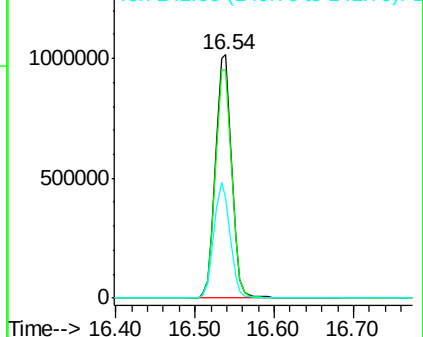
141 47.7 25.2 37.8#

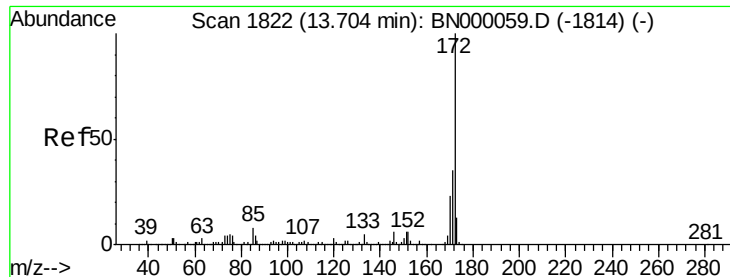


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

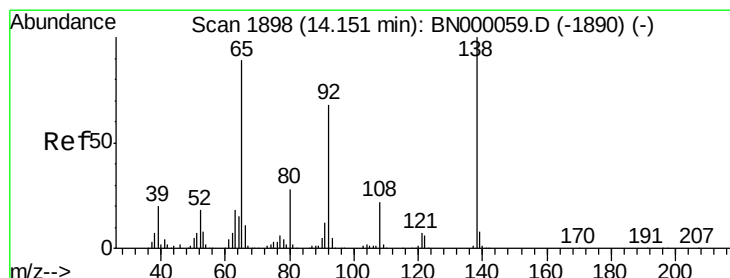
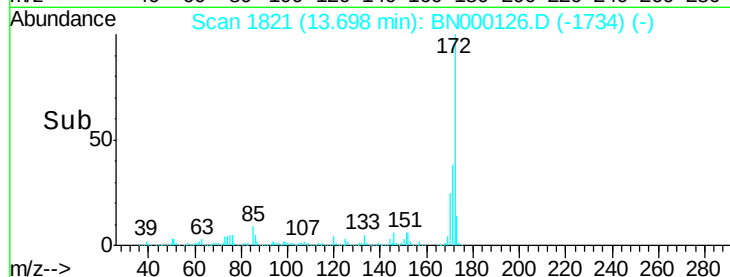
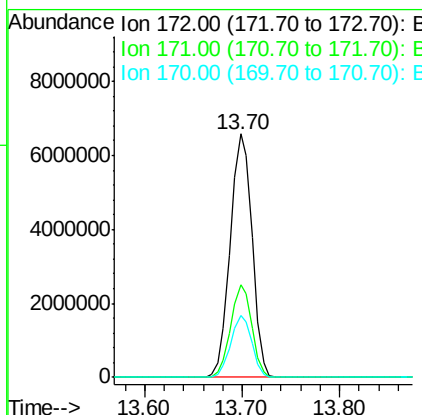
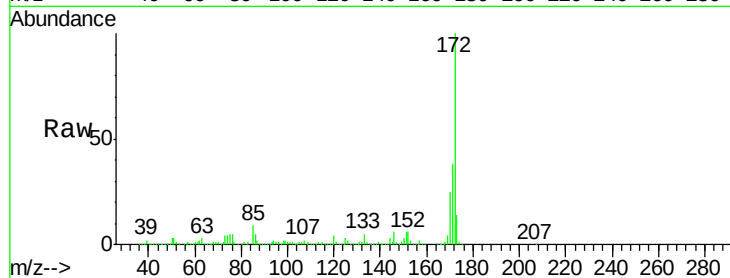




#44
2-Fluorobiphenyl
Concen: 95.63 ng
RT: 13.70 min Scan# 1821
Delta R.T. -0.02 min
Lab File: BN000126.D
Acq: 20 Feb 2018 00:30

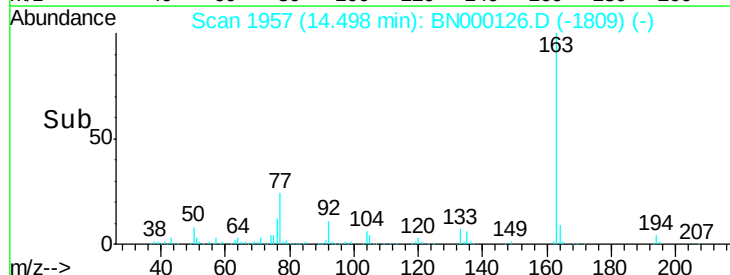
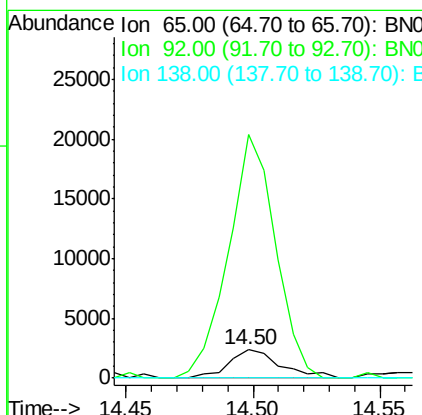
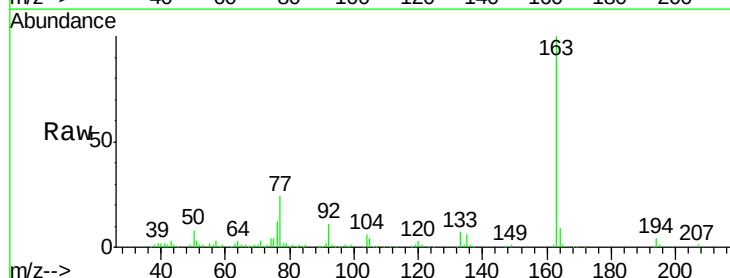
Instrument :
BNA_N
ClientSampleId :

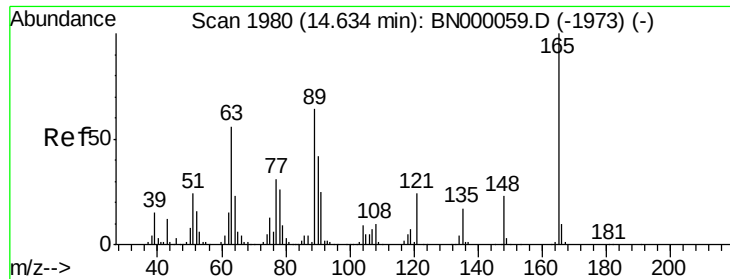
Tot Ion:172 Resp:10190517
Ion Ratio Lower Upper
172 100
171 38.3 30.0 45.0
170 25.5 19.5 29.3



#47
2-Nitroaniline
Concen: 4.98 ng
RT: 14.50 min Scan# 1957
Delta R.T. 0.34 min
Lab File: BN000126.D
Acq: 20 Feb 2018 00:30

Tgt Ion: 65 Resp: 3355
Ion Ratio Lower Upper
65 100
92 862.7 54.6 82.0#
138 0.0 72.9 109.3#





#50

2,6-Dinitrotoluene

Concen: 7.48 ng

RT: 15.06 min Scan# 2053

Delta R.T. 0.42 min

Lab File: BN000126.D

Acq: 20 Feb 2018 00:30

Instrument :

BNA_N

ClientSampleId :

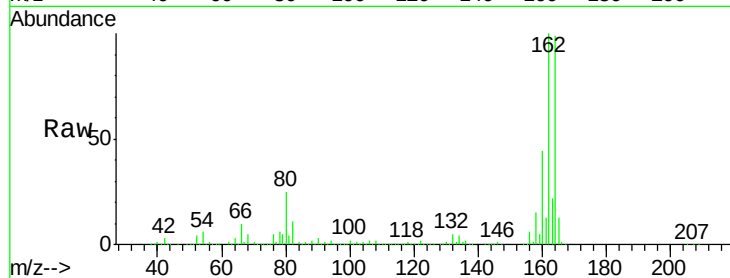
Tot Ion:165 Resp: 193957

Ion Ratio Lower Upper

165 100

63 1.5 52.7 79.1#

89 1.7 49.2 73.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC

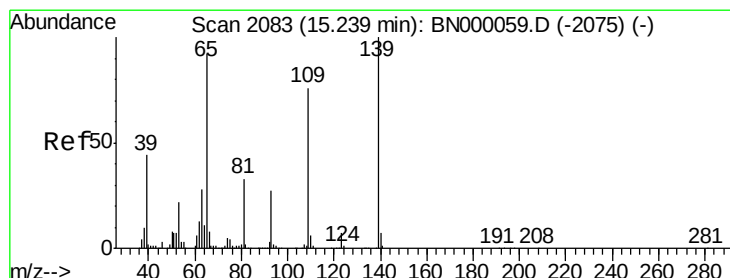
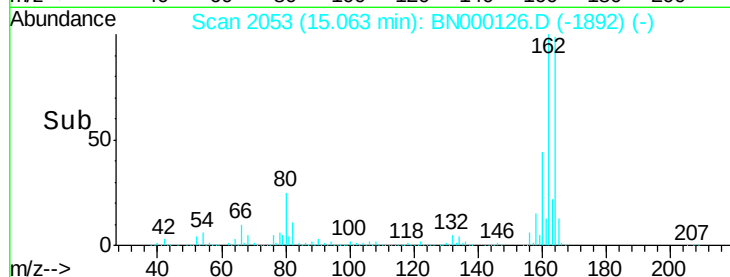
15.06

100000

50000

0

Time-->



#55

4-Nitrophenol

Concen: 4.98 ng

RT: 15.24 min Scan# 2083

Delta R.T. -0.01 min

Lab File: BN000126.D

Acq: 20 Feb 2018 00:30

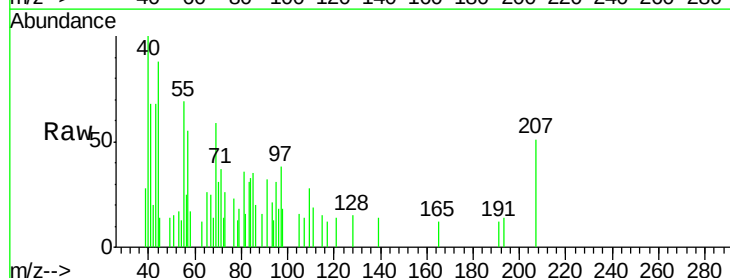
Tgt Ion:139 Resp: 123

Ion Ratio Lower Upper

139 100

109 205.7 62.2 102.2#

65 189.4 97.2 137.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BNC

1000

800

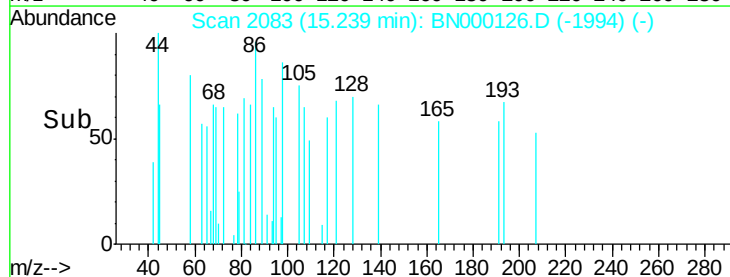
600

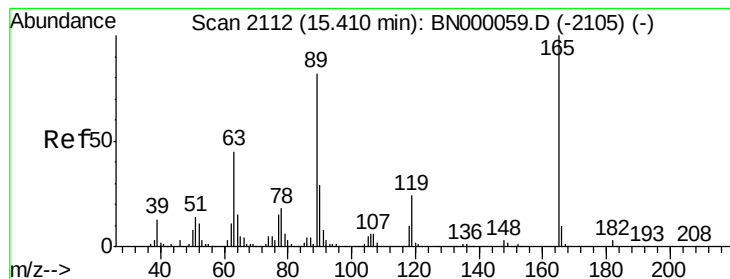
400

200

0

Time-->





#56

2,4-Dinitrotoluene

Concen: 8.96 ng

RT: 15.06 min Scan# 2053

Delta R.T. -0.35 min

Lab File: BN000126.D

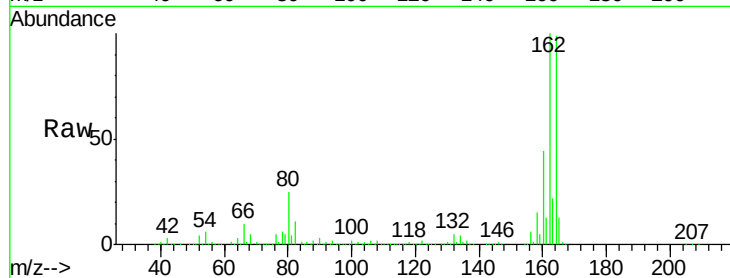
Acq: 20 Feb 2018 00:30

Instrument :

BNA_N

ClientSampleId :

Tot Ion:	165	Resp:	193957
Ion	Ratio	Lower	Upper
165	100		
63	1.5	42.0	63.0#
89	1.7	66.9	100.3#
182	0.0	2.6	3.8#

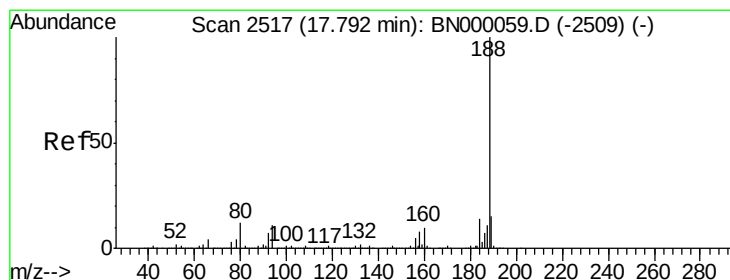
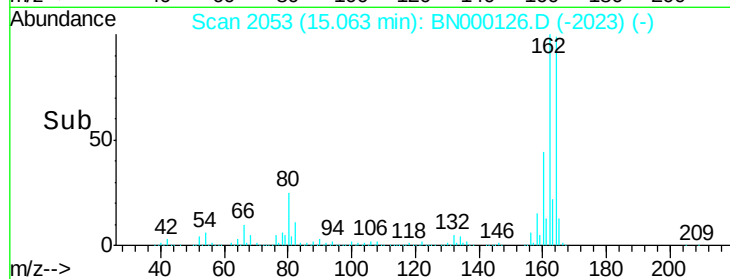
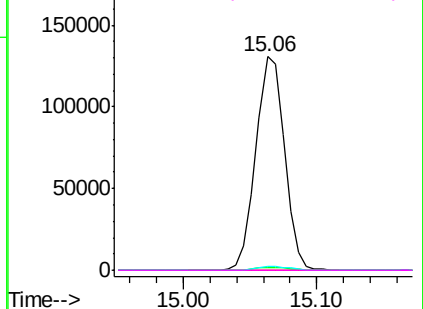


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

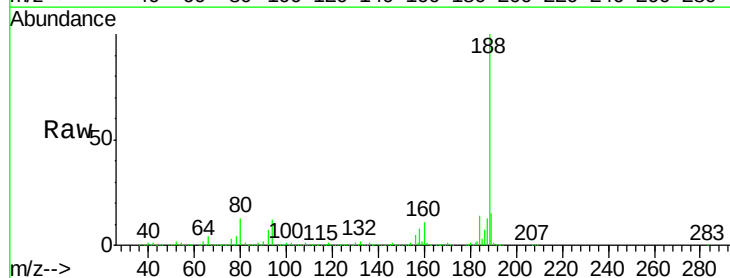
RT: 17.79 min Scan# 2516

Delta R.T. -0.01 min

Lab File: BN000126.D

Acq: 20 Feb 2018 00:30

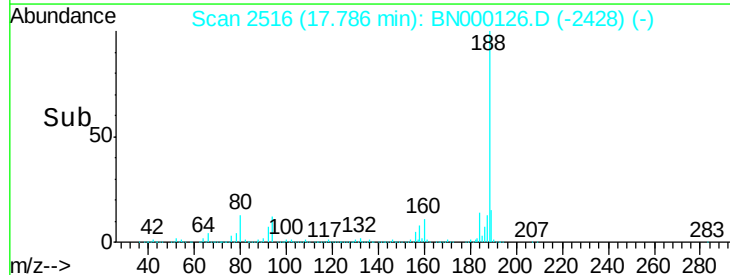
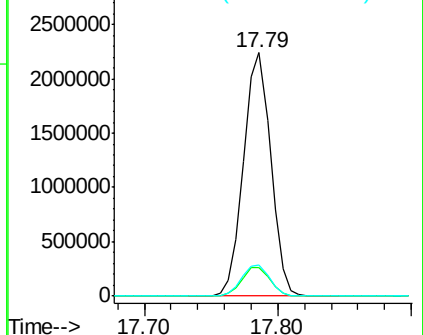
Tgt Ion:	188	Resp:	3153403
Ion	Ratio	Lower	Upper
188	100		
94	11.8	6.9	10.3#
80	13.0	7.7	11.5#

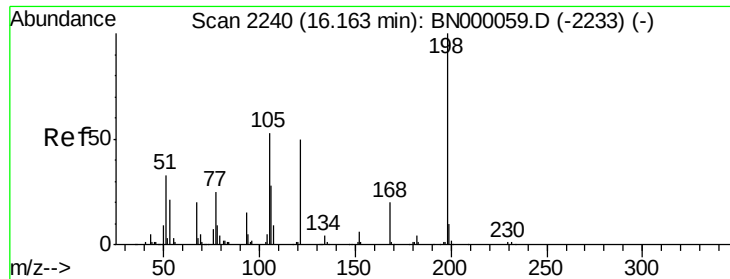


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

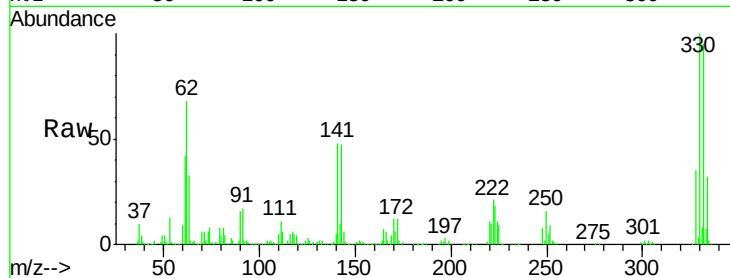




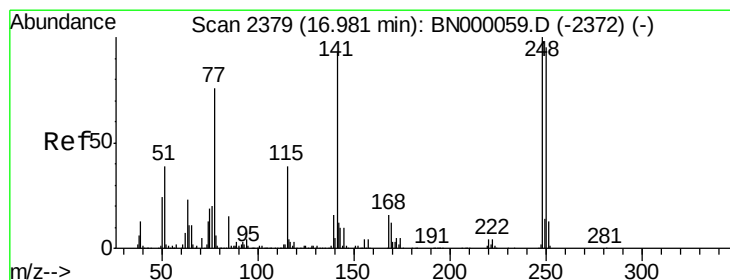
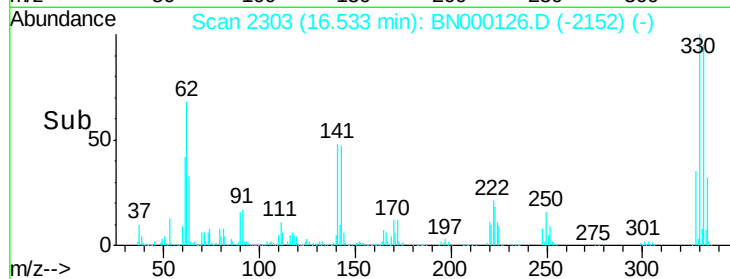
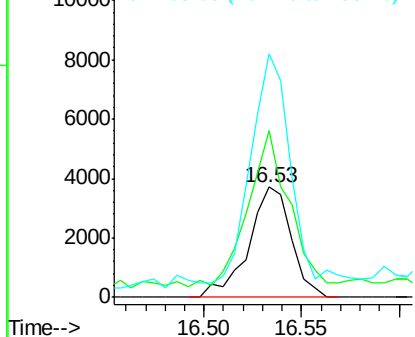
#64
4,6-Dinitro-2-methylphenol
Concen: 9.01 ng
RT: 16.53 min Scan# 2303
Delta R.T. 0.36 min
Lab File: BN000126.D
Acq: 20 Feb 2018 00:30

Instrument :
BNA_N
ClientSampleId :

Tot Ion:198 Resp: 5590
Ion Ratio Lower Upper
198 100
51 151.2 30.6 70.6#
105 221.6 23.8 63.8#

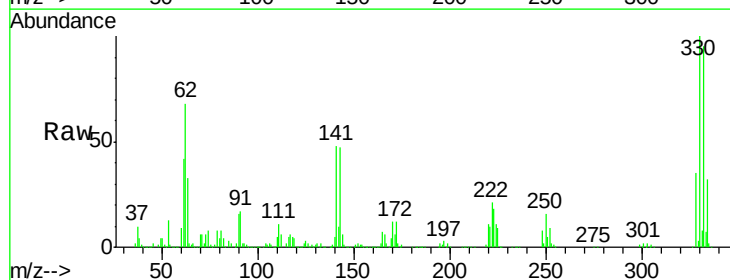


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BNO
Ion 105.00 (104.70 to 105.70): E

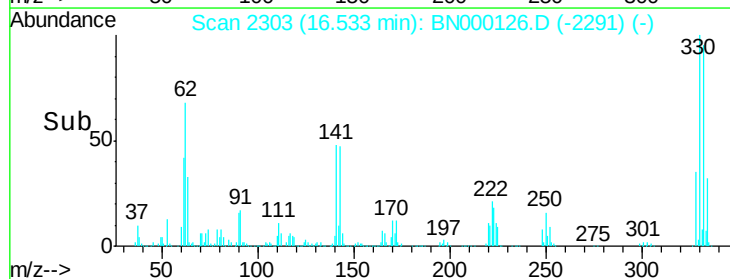
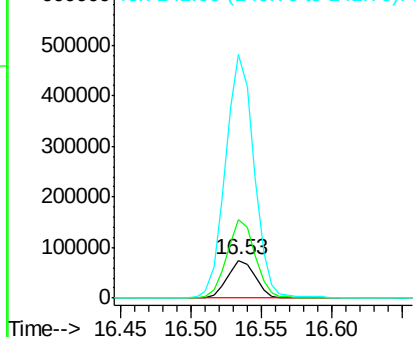


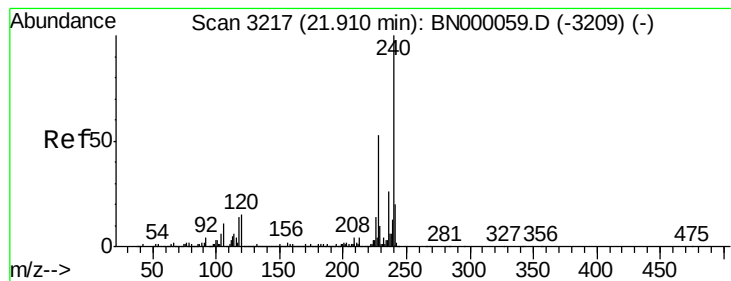
#66
4-Bromophenyl-phenylether
Concen: 3.46 ng
RT: 16.53 min Scan# 2303
Delta R.T. -0.46 min
Lab File: BN000126.D
Acq: 20 Feb 2018 00:30

Tgt Ion:248 Resp: 103628
Ion Ratio Lower Upper
248 100
250 207.5 77.1 115.7#
141 638.8 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: BN000126.D

Acq: 20 Feb 2018 00:30

Instrument :

BNA_N

ClientSampled :

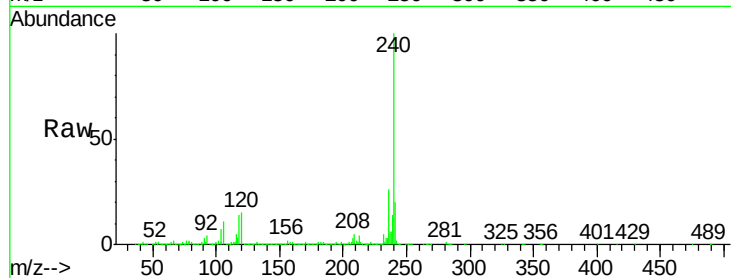
Tot Ion:240 Resp: 3091750

Ion Ratio Lower Upper

240 100

120 15.5 6.8 10.2#

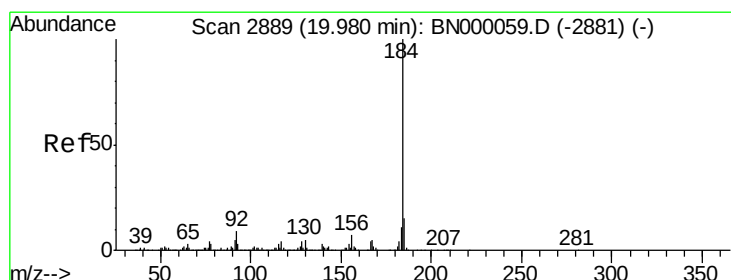
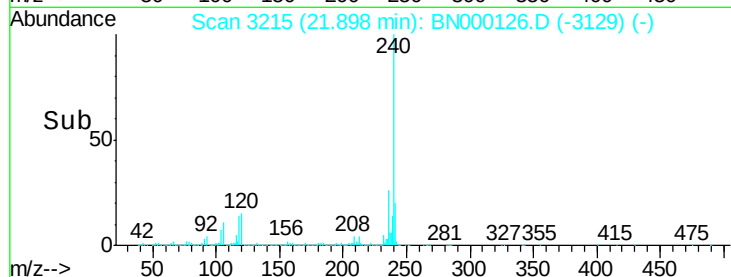
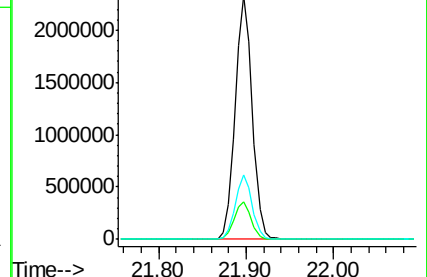
236 26.3 20.9 31.3



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: 2.04 ng

RT: 20.34 min Scan# 2951

Delta R.T. 0.36 min

Lab File: BN000126.D

Acq: 20 Feb 2018 00:30

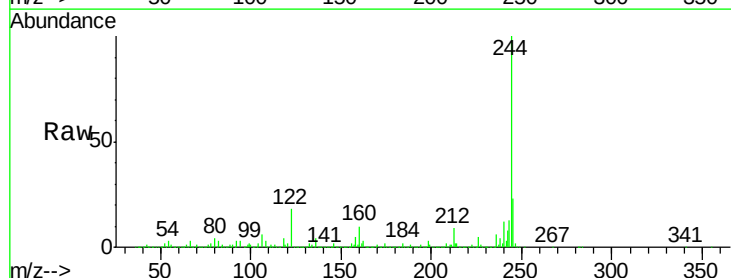
Tgt Ion:184 Resp: 200599

Ion Ratio Lower Upper

184 100

185 16.7 11.1 16.7

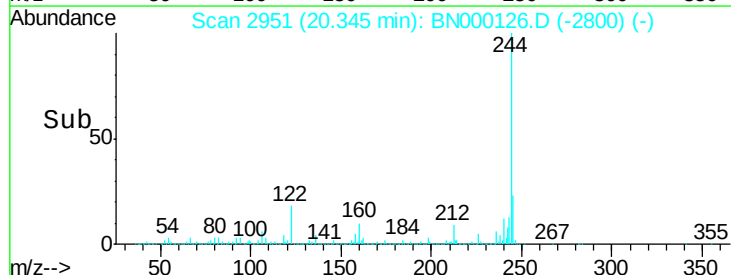
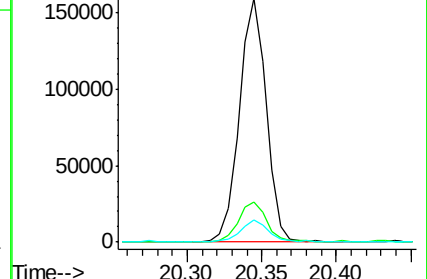
183 9.2 10.6 16.0#

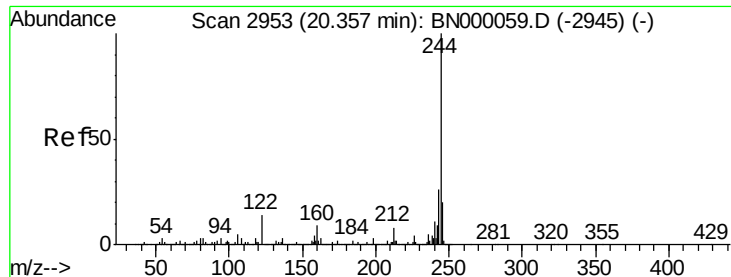


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 97.33 ng

RT: 20.34 min Scan# 2951

Delta R.T. -0.02 min

Lab File: BN000126.D

Acq: 20 Feb 2018 00:30

Instrument :

BNA_N

ClientSampleId :

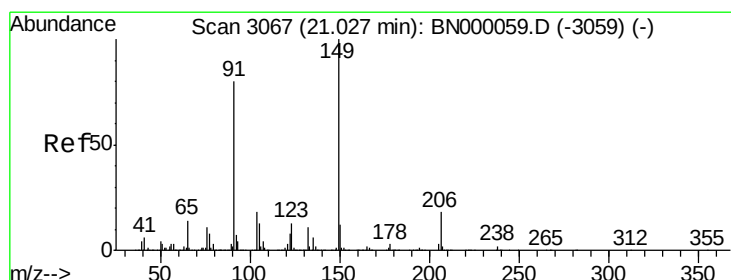
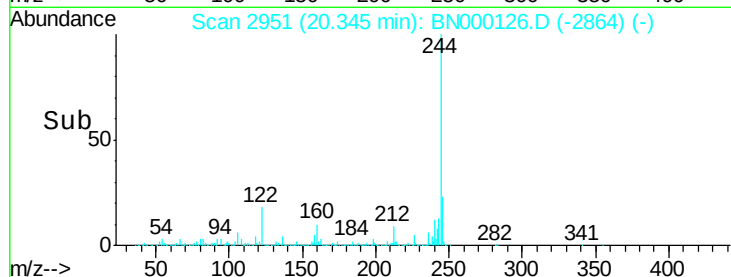
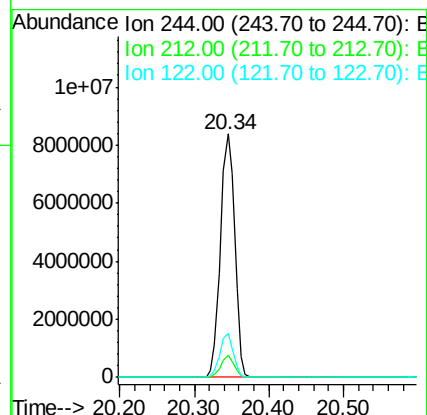
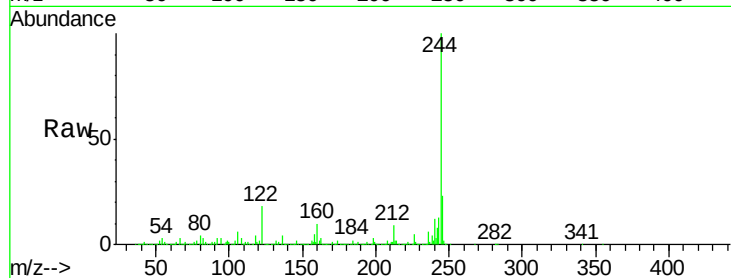
Tot Ion:244 Resp:11144686

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

122 17.8 7.0 10.4#



#79

Butylbenzylphthalate

Concen: 5.40 ng

RT: 21.02 min Scan# 3065

Delta R.T. -0.02 min

Lab File: BN000126.D

Acq: 20 Feb 2018 00:30

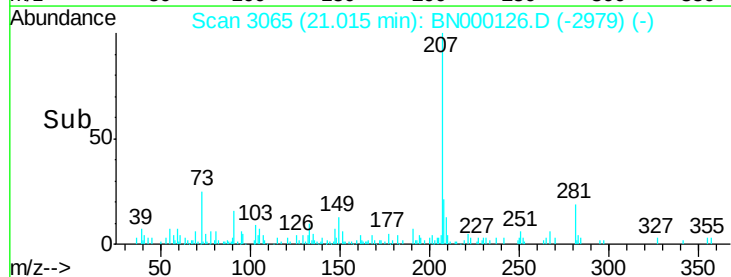
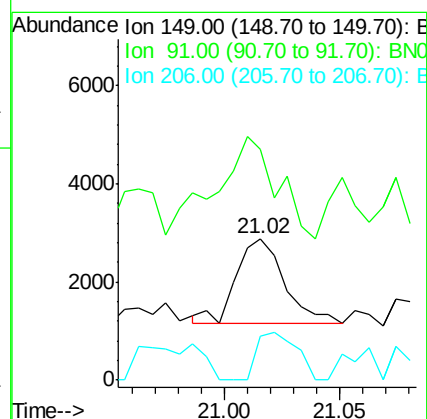
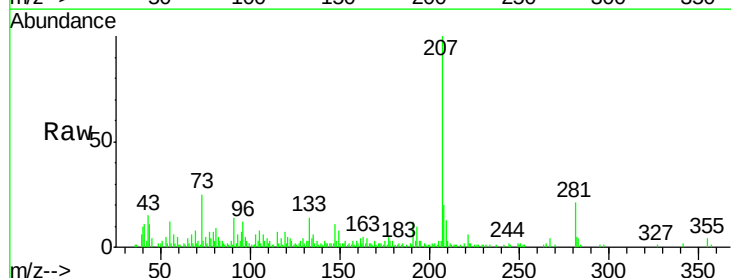
Tgt Ion:149 Resp: 2552

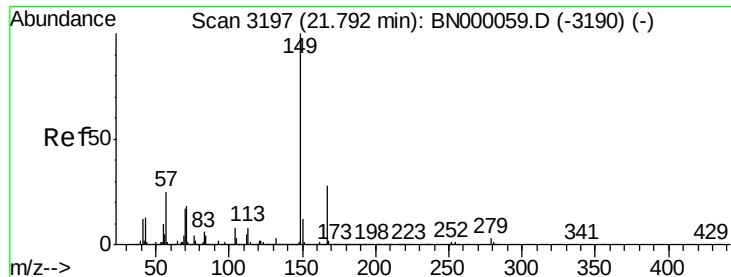
Ion Ratio Lower Upper

149 100

91 163.5 62.2 93.2#

206 30.8 18.6 27.8#

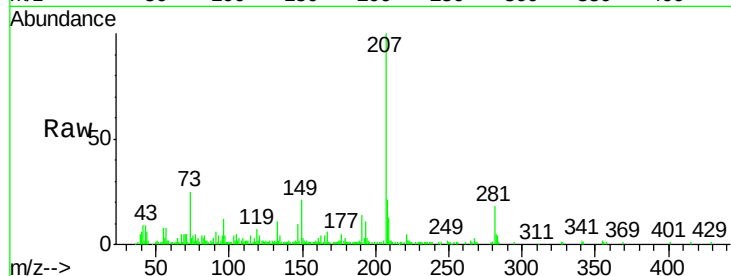




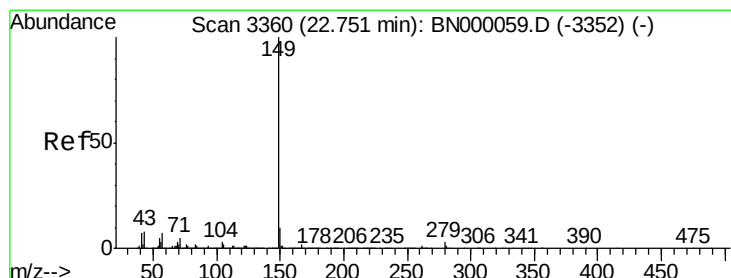
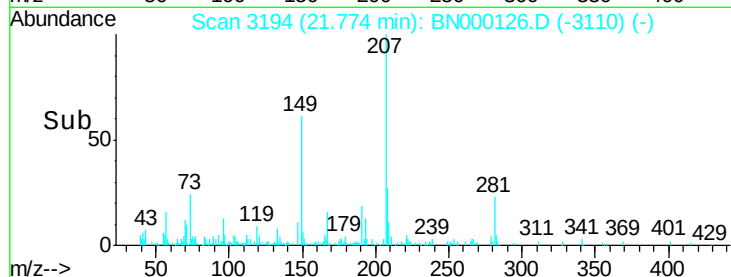
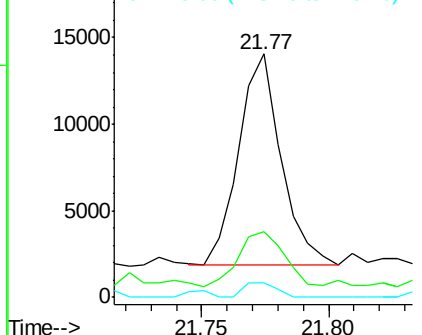
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.00 ng
 RT: 21.77 min Scan# 3194
 Delta R.T. -0.03 min
 Lab File: BN000126.D
 Acq: 20 Feb 2018 00:30

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:149 Resp: 14290
 Ion Ratio Lower Upper
 149 100
 167 26.7 24.3 36.5
 279 6.2 4.0 6.0#

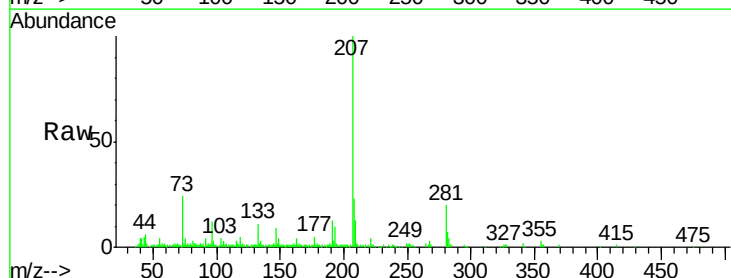


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

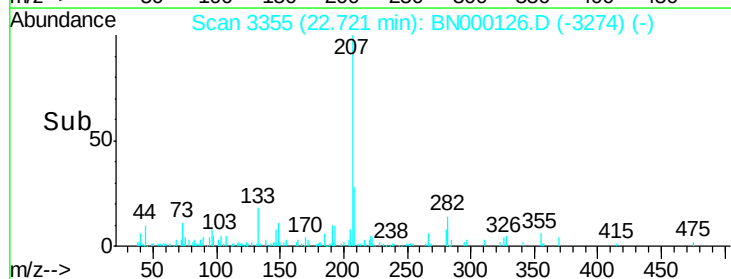
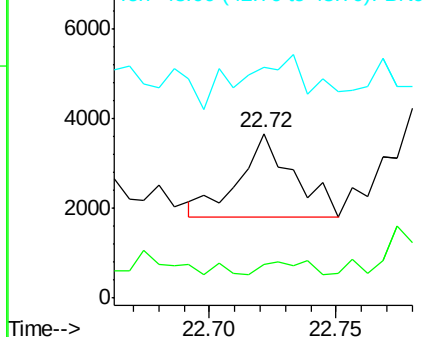


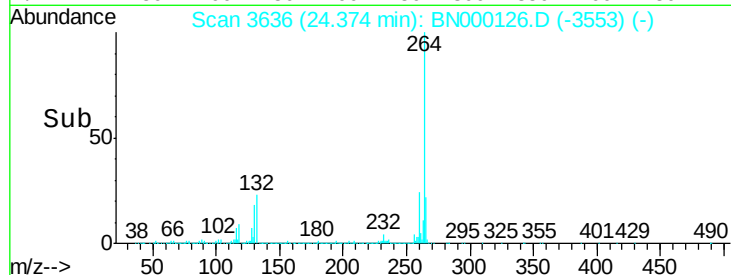
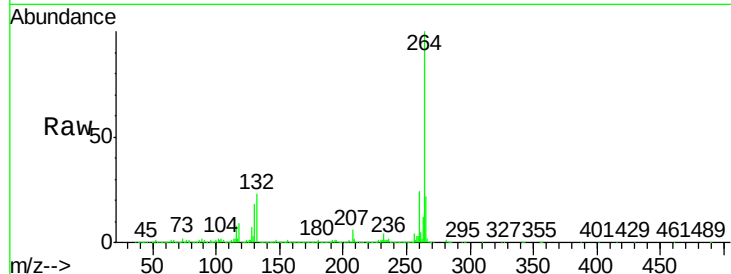
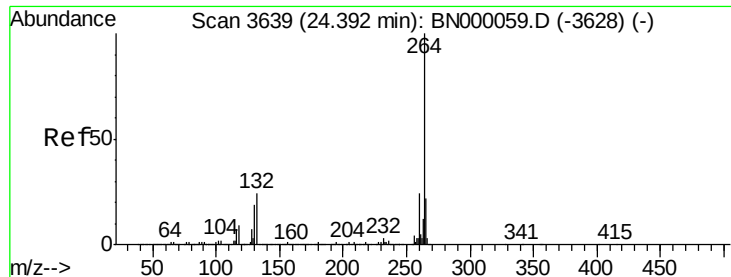
#84
 Di-n-octyl phthalate
 Concen: 6.74 ng
 RT: 22.72 min Scan# 3355
 Delta R.T. -0.05 min
 Lab File: BN000126.D
 Acq: 20 Feb 2018 00:30

Tgt Ion:149 Resp: 2770
 Ion Ratio Lower Upper
 149 100
 167 17.9 1.4 2.0#
 43 83.4 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: 24.37 min Scan# 3636
Delta R.T. -0.04 min
Lab File: BN000126.D
Acq: 20 Feb 2018 00:30

Instrument :
BNA_N
ClientSampleId :

Tot Ion:264 Resp: 3321356

Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.0
265	21.6	17.7	26.5

