

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041019\
 Data File : BN005141.D
 Acq On : 10 Apr 2019 23:04
 Operator : JU/SJ
 Sample : K2203-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 11 07:34:08 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

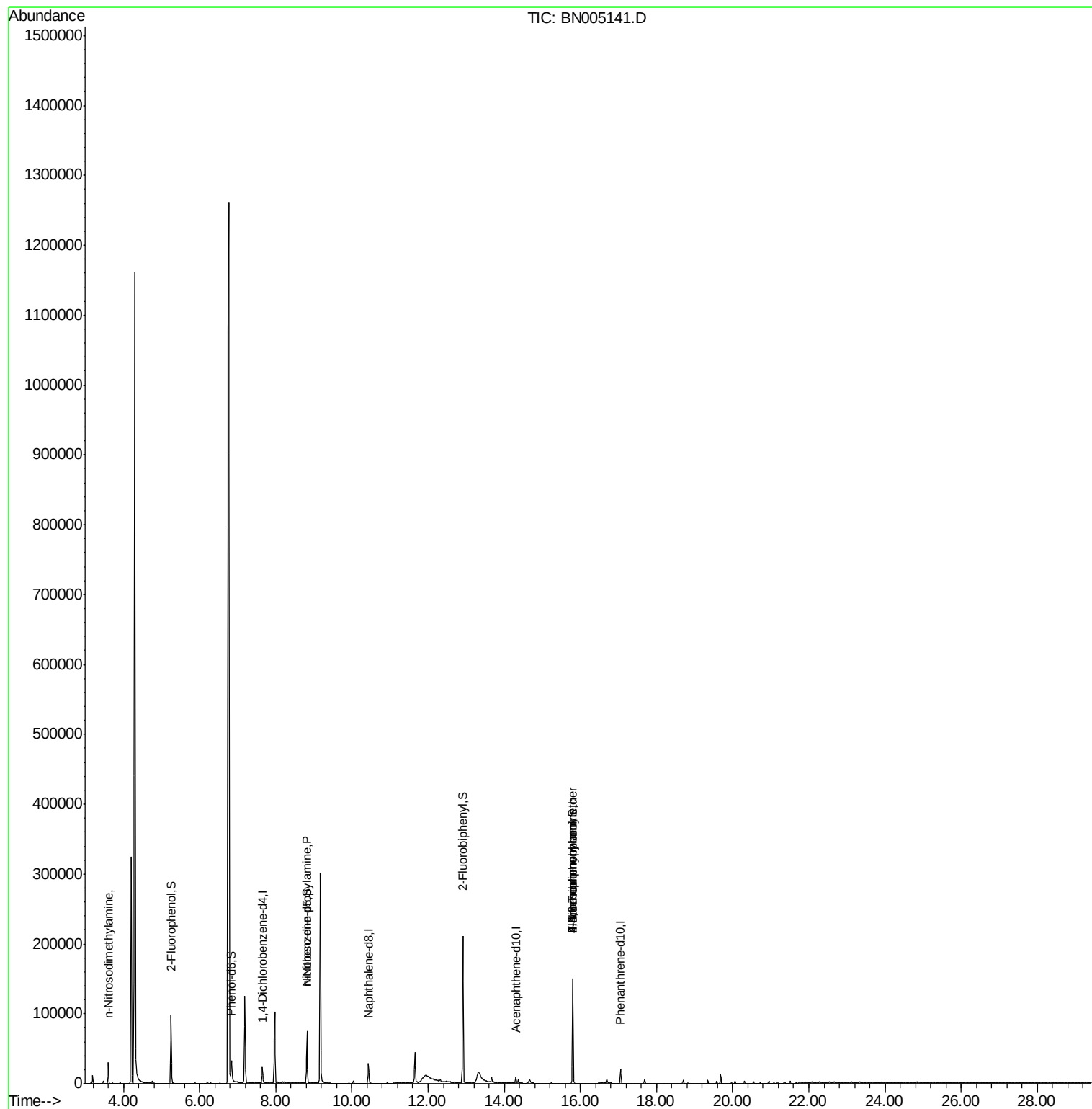
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	7303	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	24755	20.00	ng	-0.03
39) Acenaphthene-d10	14.30	164	2120	20.00	ng	-0.03
64) Phenanthrene-d10	17.05	188	10066	20.00	ng	-0.02
76) Chrysene-d12	0.00	240	0	0.00	ng	-21.27
87) Perylene-d12	0.00	264	0	0.00	ng	-23.52
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	47999	113.63	ng	-0.02
7) Phenol-d6	6.83	99	11280	20.13	ng	-0.02
23) Nitrobenzene-d5	8.82	82	43163	105.47	ng	-0.03
42) 2,4,6-Tribromophenol	15.80	330	38155	1115.92	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	114896	718.17	ng	-0.02
79) Terphenyl-d14	19.68	244	3584	0.00	ng	-0.03
Target Compounds						
4) n-Nitrosodimethylamine	3.60	42	526	3.751	ng	# 1
19) n-Nitroso-di-n-propylamine	8.82	70	5364	14.605	ng	# 73
58) Fluorene	15.80	166	1153	6.885	ng	# 92
66) n-Nitrosodiphenylamine	15.80	169	695	2.192	ng	# 36
67) 4-Bromophenyl-phenylether	15.80	248	2004	15.954	ng	# 1

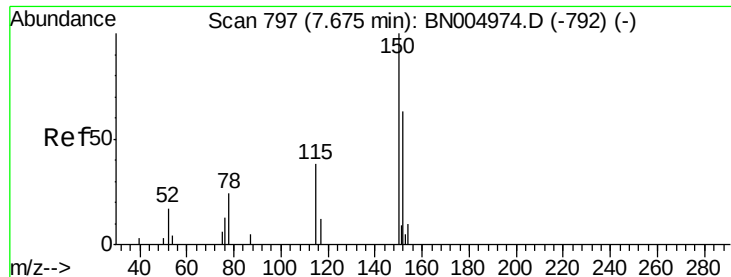
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 27 05:27:09 2019
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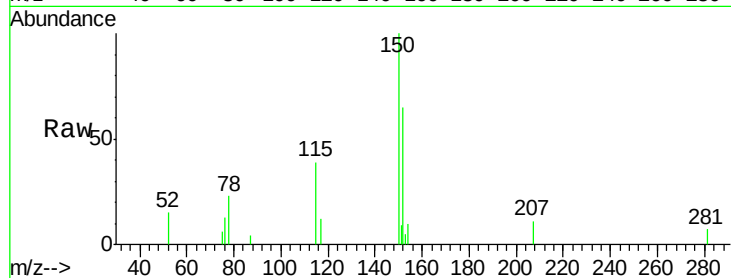


#1

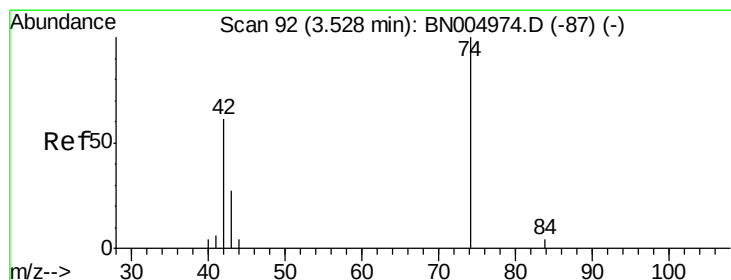
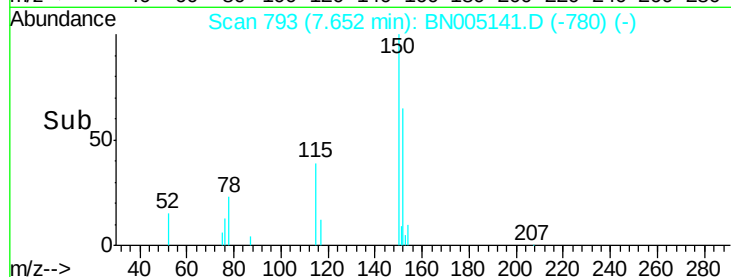
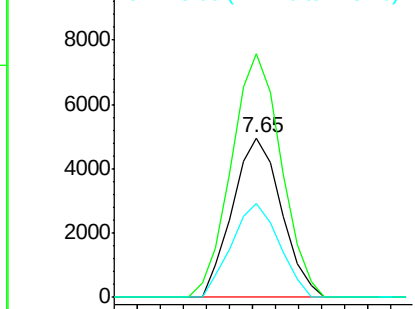
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BN005141.D
Acq: 10 Apr 2019 23:04

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 7303
Ion Ratio Lower Upper
152 100
150 153.0 126.9 190.3
115 59.1 47.8 71.6



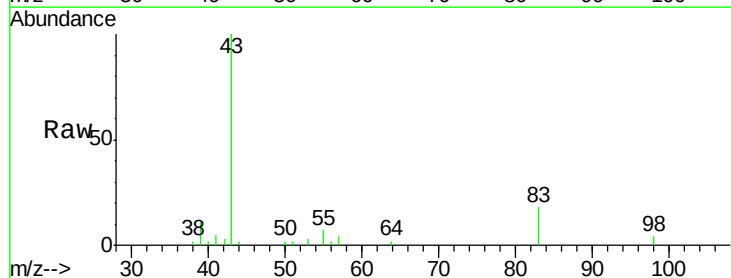
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



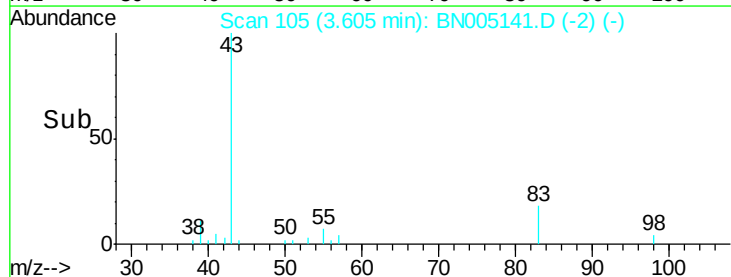
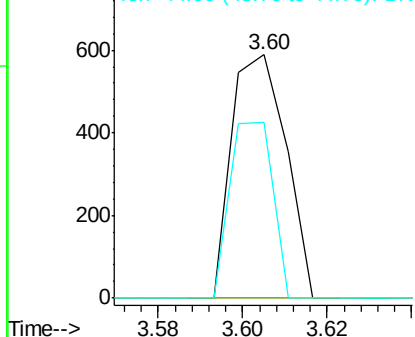
#4

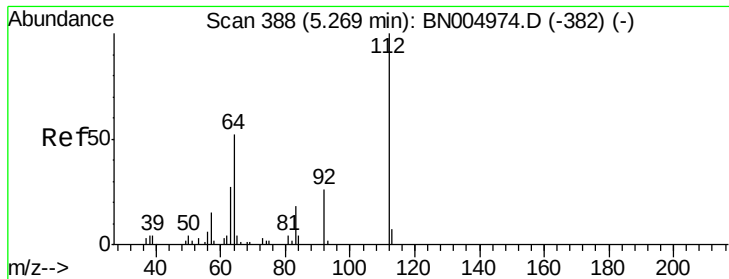
n-Nitrosodimethylamine
Concen: 3.751 ng
RT: 3.60 min Scan# 105
Delta R.T. 0.08 min
Lab File: BN005141.D
Acq: 10 Apr 2019 23:04

Tgt Ion: 42 Resp: 526
Ion Ratio Lower Upper
42 100
74 0.0 130.8 196.2#
44 72.3 5.7 8.5#



Abundance Ion 42.00 (41.70 to 42.70): BNC
Ion 74.00 (73.70 to 74.70): BNC
Ion 44.00 (43.70 to 44.70): BNC





#5

2-Fluorophenol

Concen: 113.632 ng

RT: 5.25 min Scan# 385

Delta R.T. -0.02 min

Lab File: BN005141.D

Acq: 10 Apr 2019 23:04

Instrument :

BNA_N

ClientSampleId :

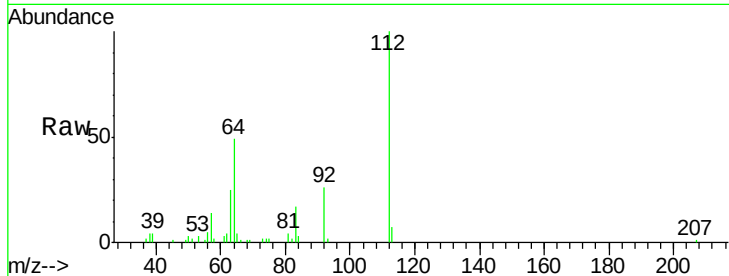
Tot Ion:112 Resp: 47999

Ion Ratio Lower Upper

112 100

64 48.7 41.9 62.9

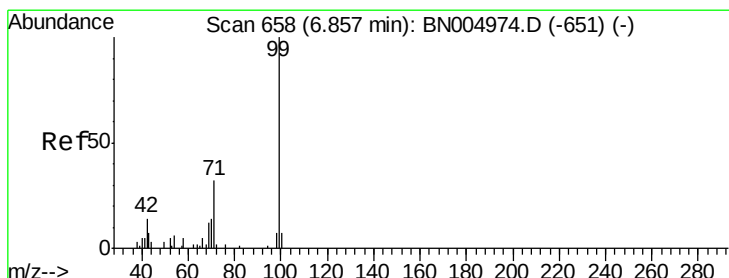
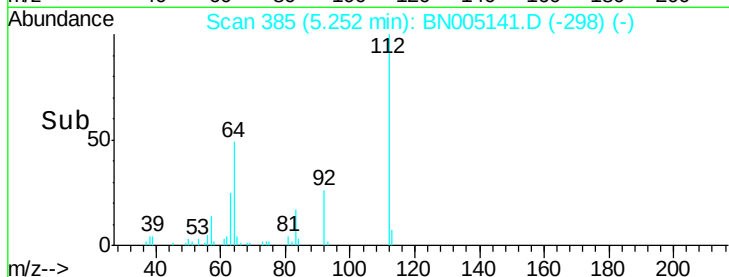
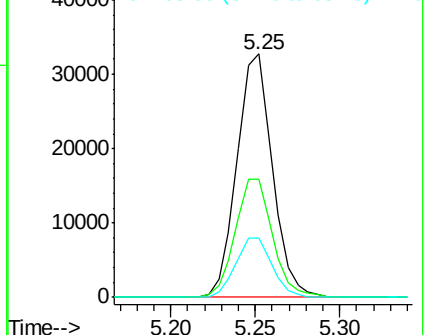
63 24.6 21.4 32.0



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: 20.134 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.02 min

Lab File: BN005141.D

Acq: 10 Apr 2019 23:04

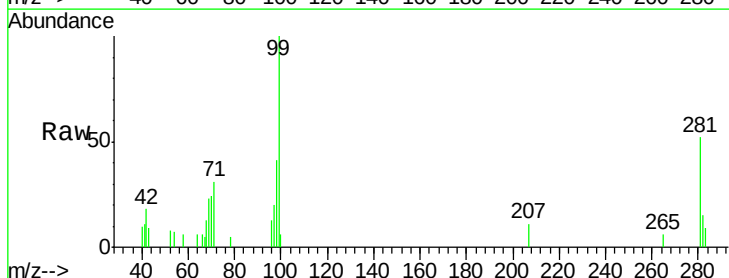
Tgt Ion: 99 Resp: 11280

Ion Ratio Lower Upper

99 100

42 17.7 11.4 17.0#

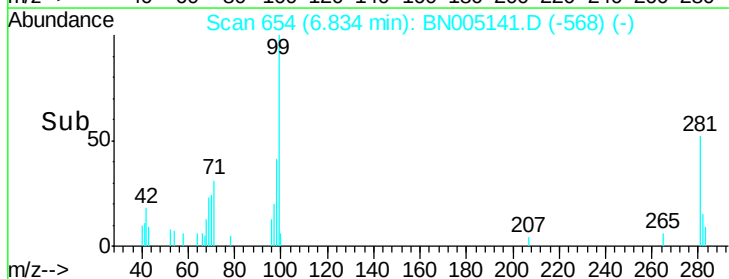
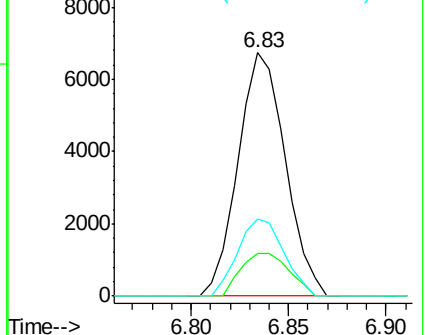
71 31.5 25.8 38.8

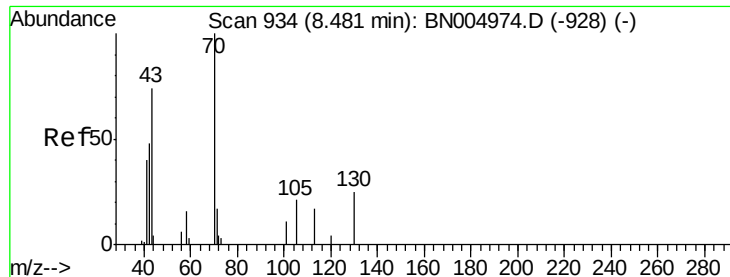


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC

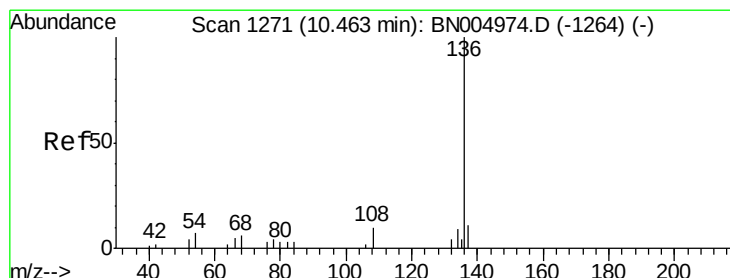
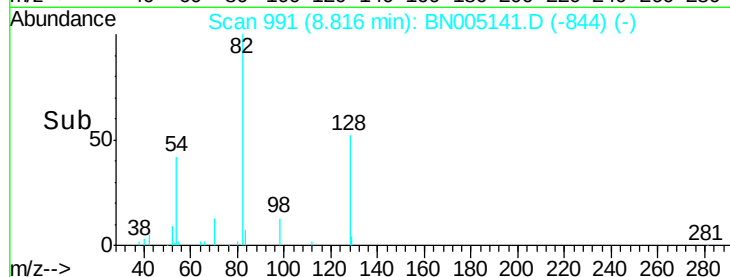
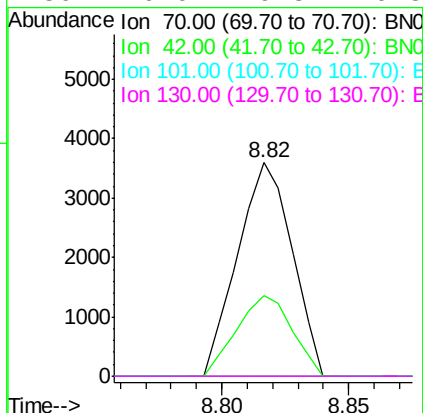
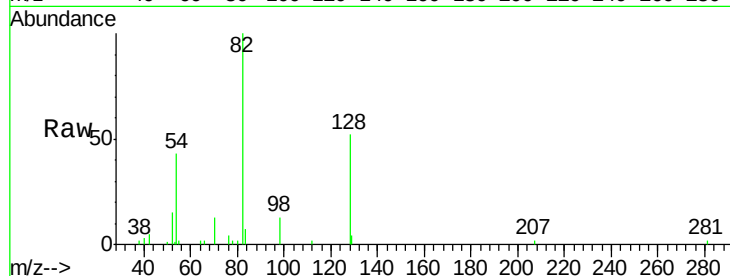




#19
n-Nitroso-di-n-propylamine
Concen: 14.605 ng
RT: 8.82 min Scan# 991
Delta R.T. 0.34 min
Lab File: BN005141.D
Acq: 10 Apr 2019 23:04

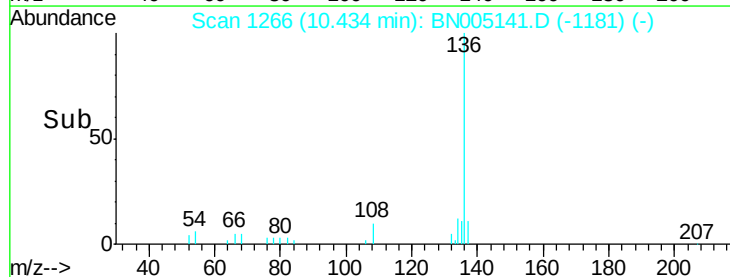
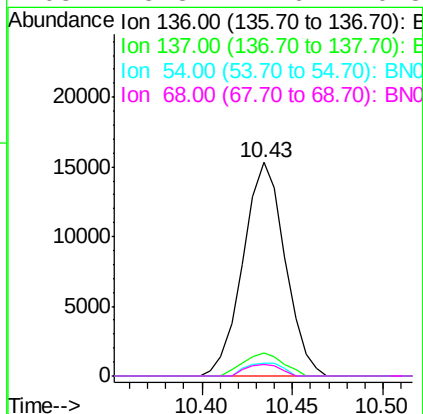
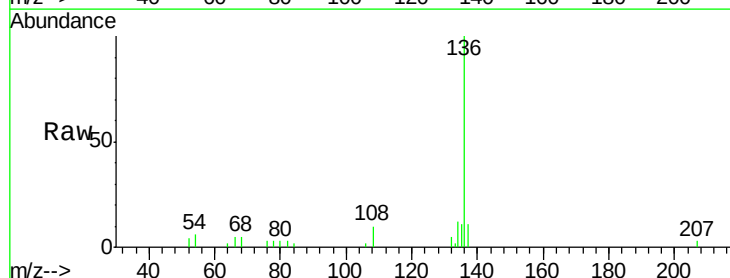
Instrument :
BNA_N
ClientSampled :

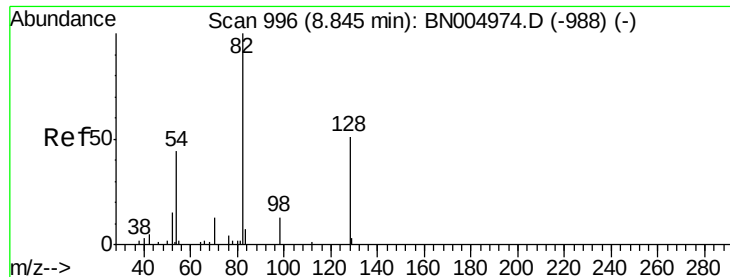
Tot Ion: 70 Resp: 5364
Ion Ratio Lower Upper
70 100
42 38.0 38.4 57.6#
101 0.0 8.8 13.2#
130 0.0 19.8 29.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.03 min
Lab File: BN005141.D
Acq: 10 Apr 2019 23:04

Tgt Ion: 136 Resp: 24755
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 5.8 5.3 7.9
68 5.3 4.6 6.8

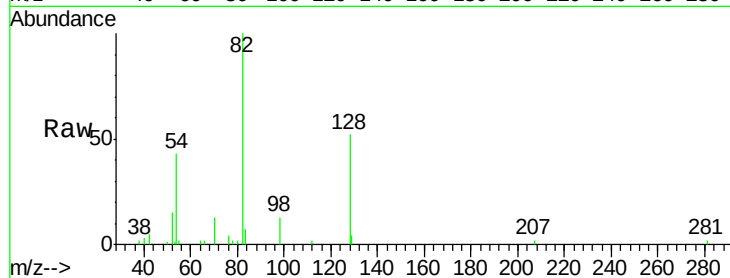




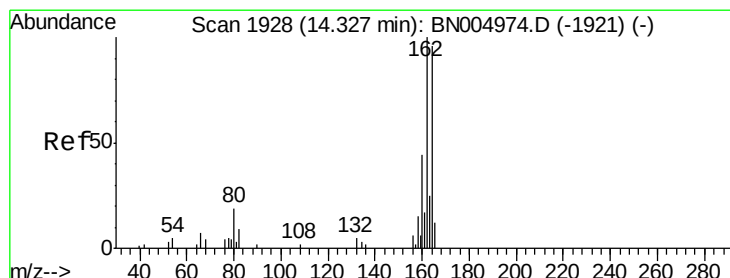
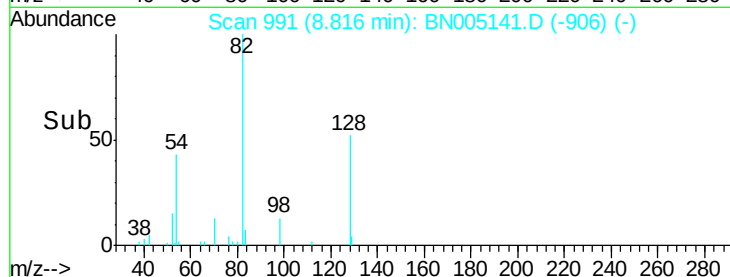
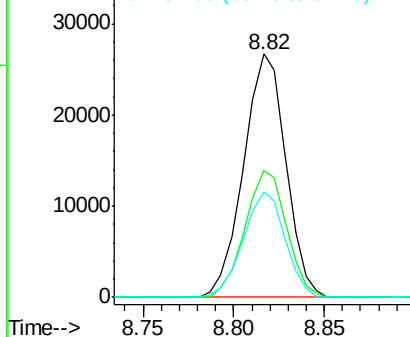
#23
Nitrobenzene-d5
Concen: 105.473 ng
RT: 8.82 min Scan# 991
Delta R.T. -0.03 min
Lab File: BN005141.D
Acq: 10 Apr 2019 23:04

Instrument :
BNA_N
ClientSampleId :

Tot Ion: 82 Resp: 43163
Ion Ratio Lower Upper
82 100
128 52.1 40.6 60.8
54 43.1 35.2 52.8

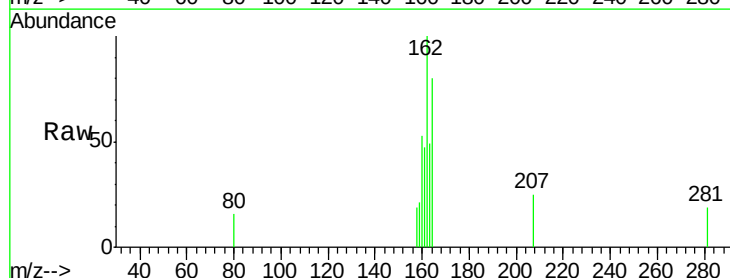


Abundance Ion 82.00 (81.70 to 82.70): BN0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BN0

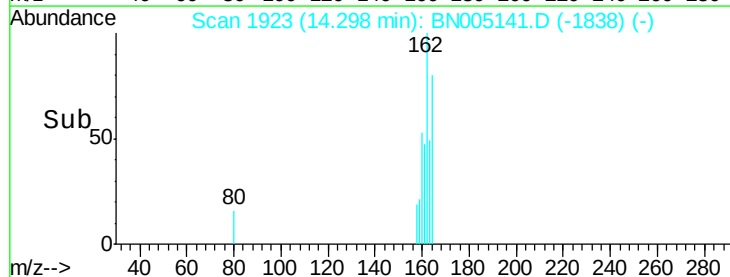
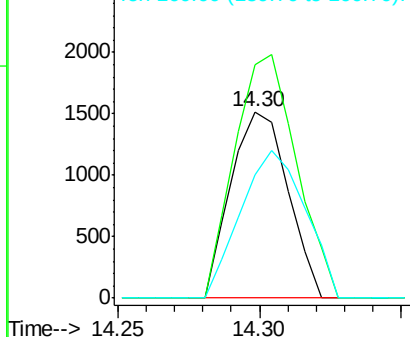


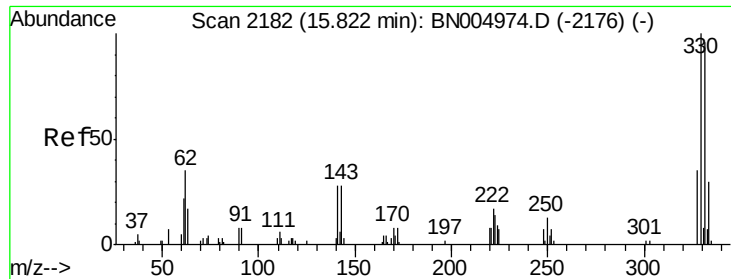
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1923
Delta R.T. -0.03 min
Lab File: BN005141.D
Acq: 10 Apr 2019 23:04

Tgt Ion:164 Resp: 2120
Ion Ratio Lower Upper
164 100
162 125.7 83.4 125.0#
160 66.5 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

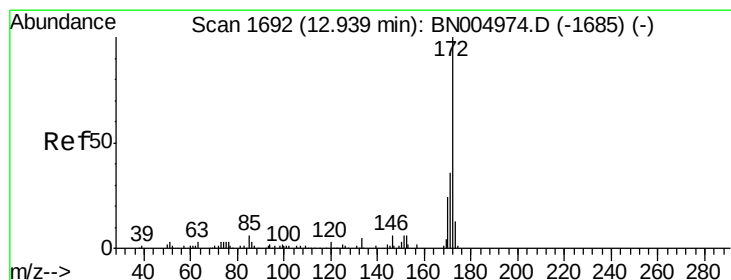
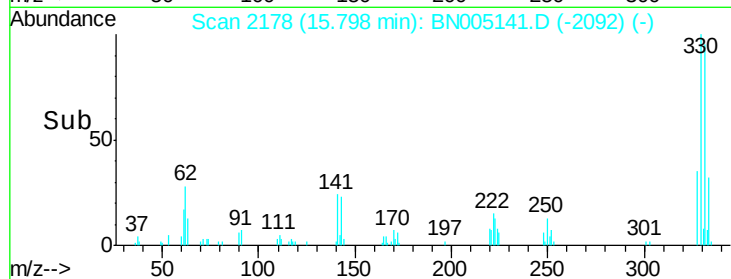
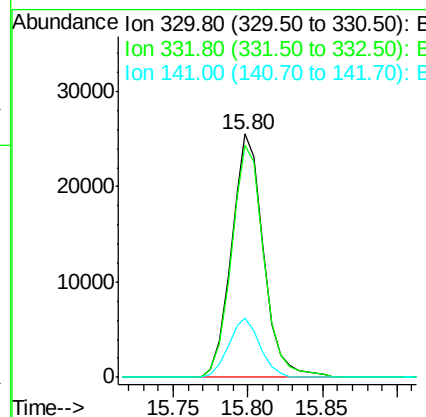
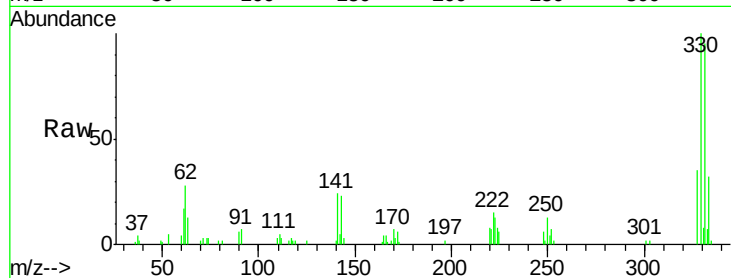




#42
 2,4,6-Tribromophenol
 Concen: 1115.916 ng
 RT: 15.80 min Scan# 2178
 Delta R.T. -0.02 min
 Lab File: BN005141.D
 Acq: 10 Apr 2019 23:04

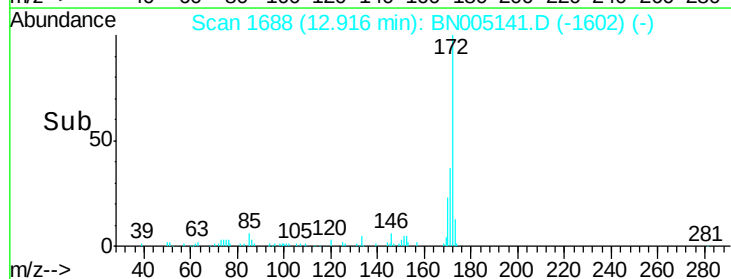
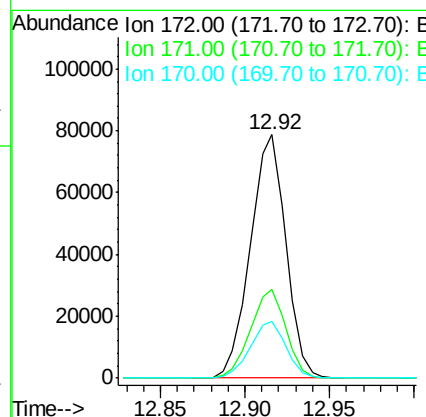
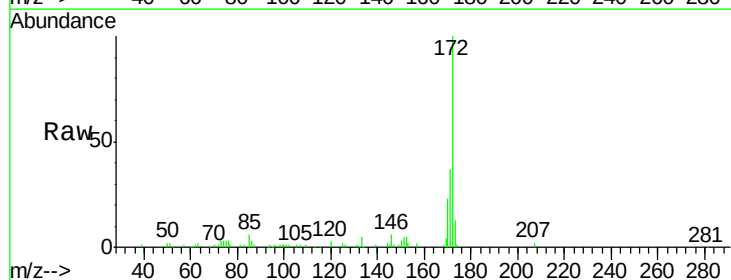
Instrument :
 BNA_N
 ClientSampleId :

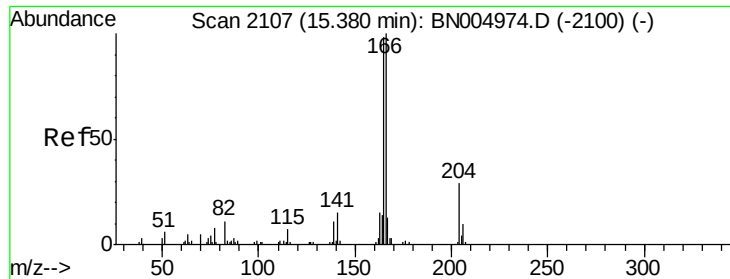
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.0
141	23.8	22.1	33.1



#45
 2-Fluorobiphenyl
 Concen: 718.168 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BN005141.D
 Acq: 10 Apr 2019 23:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.6	42.8
170	23.1	18.9	28.3

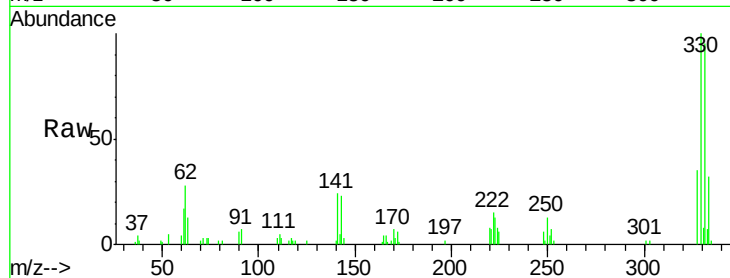




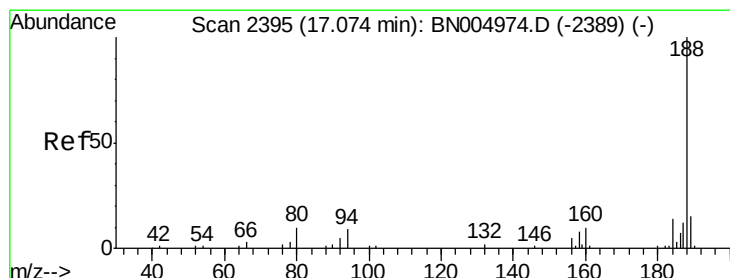
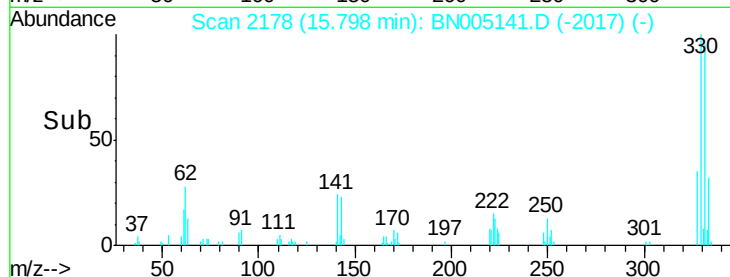
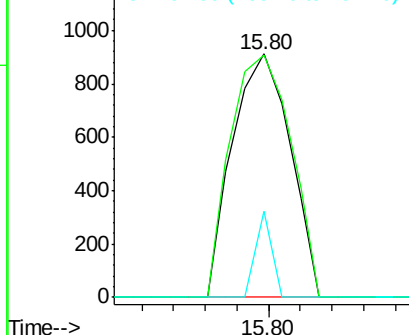
#58
 Fluorene
 Concen: 6.885 ng
 RT: 15.80 min Scan# 2178
 Delta R.T. 0.42 min
 Lab File: BN005141.D
 Acq: 10 Apr 2019 23:04

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:166 Resp: 1153
 Ion Ratio Lower Upper
 166 100
 165 99.8 78.3 117.5
 167 35.2 10.6 15.8#

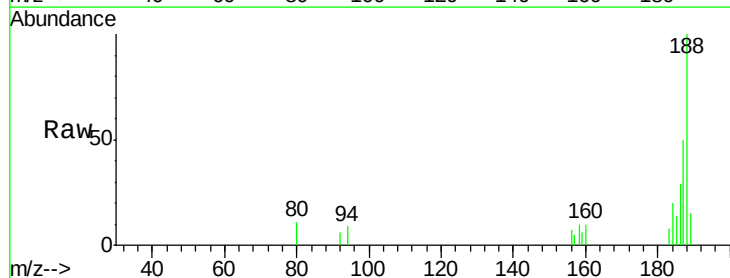


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

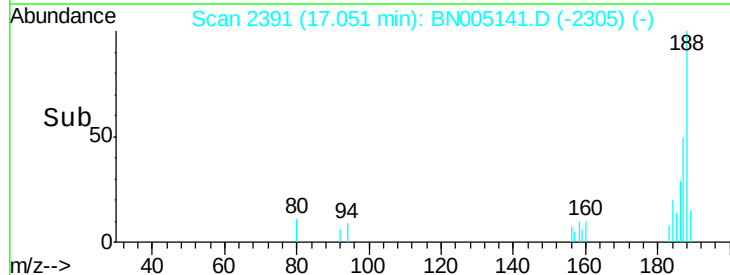
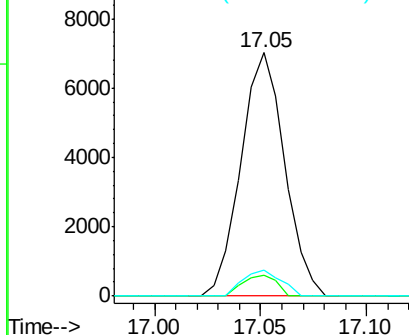


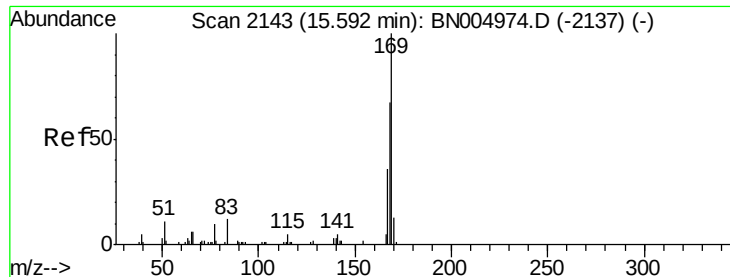
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.05 min Scan# 2391
 Delta R.T. -0.02 min
 Lab File: BN005141.D
 Acq: 10 Apr 2019 23:04

Tgt Ion:188 Resp: 10066
 Ion Ratio Lower Upper
 188 100
 94 8.5 7.2 10.8
 80 10.5 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

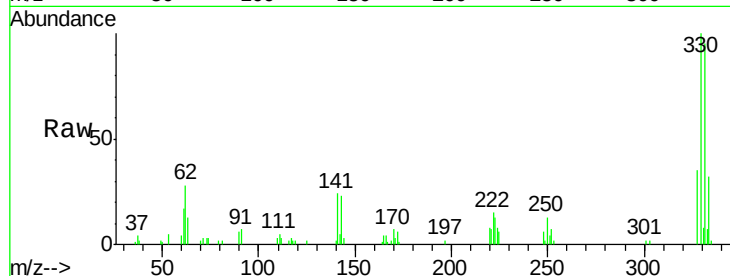




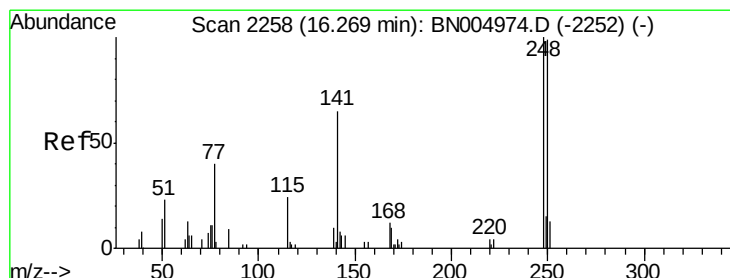
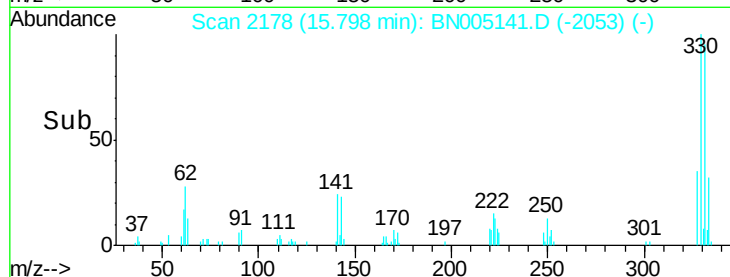
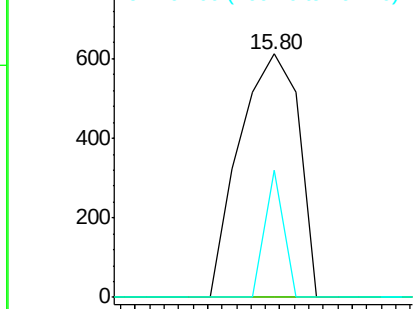
#66
 n-Nitrosodiphenylamine
 Concen: 2.192 ng
 RT: 15.80 min Scan# 2178
 Delta R.T. 0.21 min
 Lab File: BN005141.D
 Acq: 10 Apr 2019 23:04

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	0.0	53.4	80.2#
167	52.5	28.9	43.3#

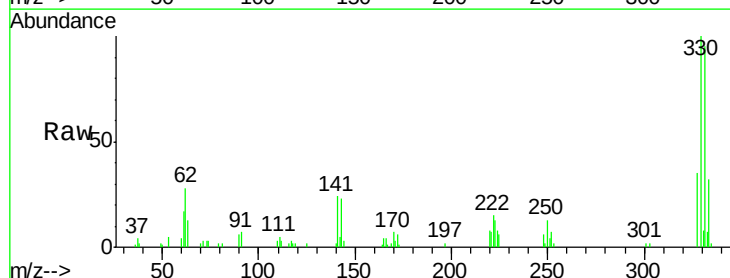


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

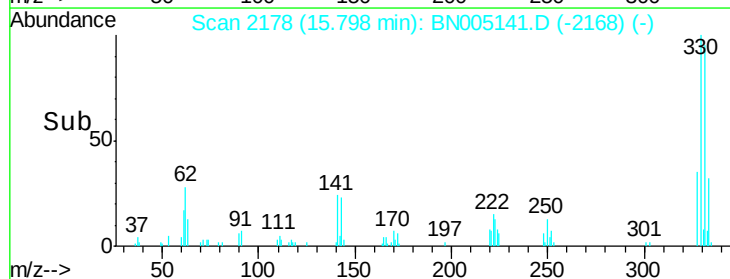
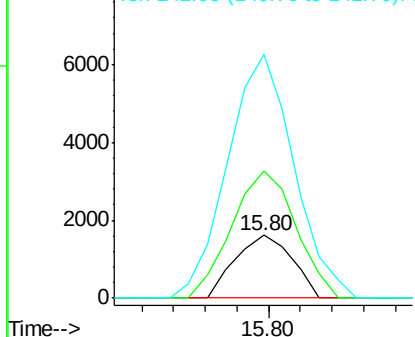


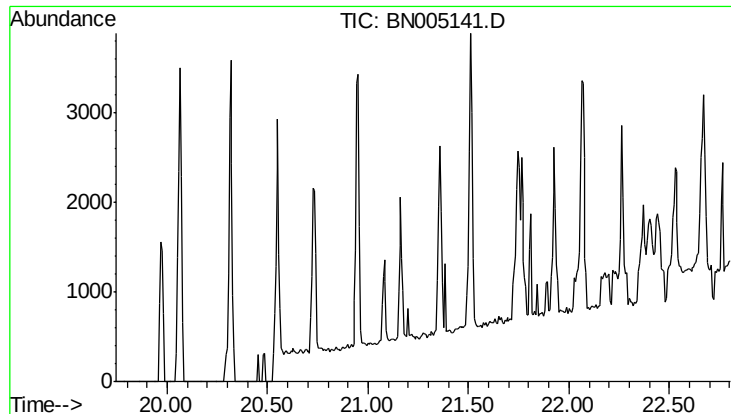
#67
 4-Bromophenyl-phenylether
 Concen: 15.954 ng
 RT: 15.80 min Scan# 2178
 Delta R.T. -0.47 min
 Lab File: BN005141.D
 Acq: 10 Apr 2019 23:04

Tgt Ion	Ratio	Lower	Upper
248	100		
250	203.0	79.4	119.2#
141	388.9	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

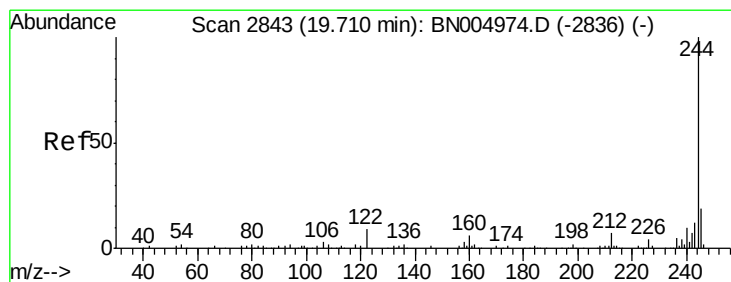
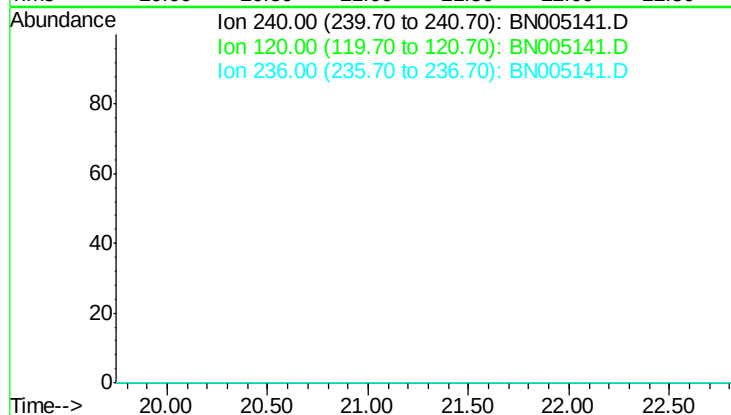




#76
 Chrvsene-d12
 Concen: 0.000 ng
 Expected RT: 21.27 min
 Lab File: BN005141.D
 Acq: 10 Apr 2019 23:04

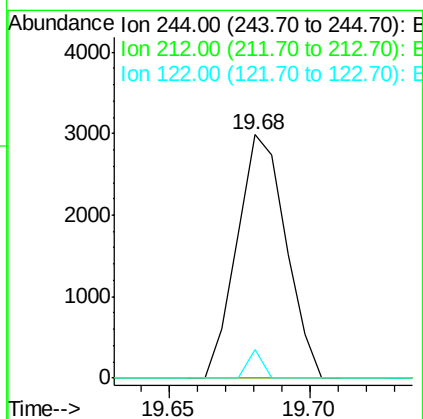
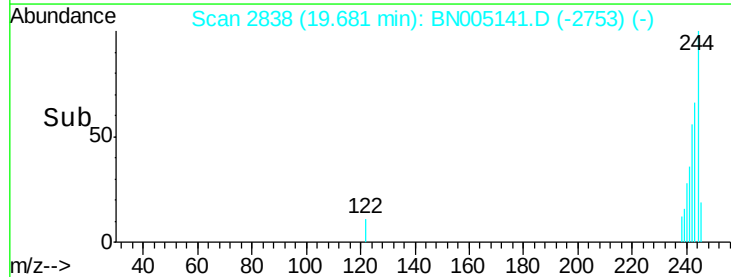
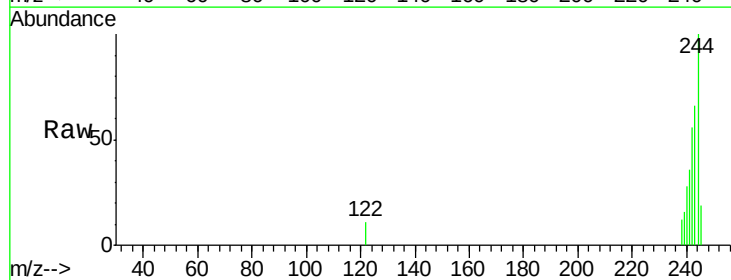
Instrument :
 BNA_N
 ClientSampleId :

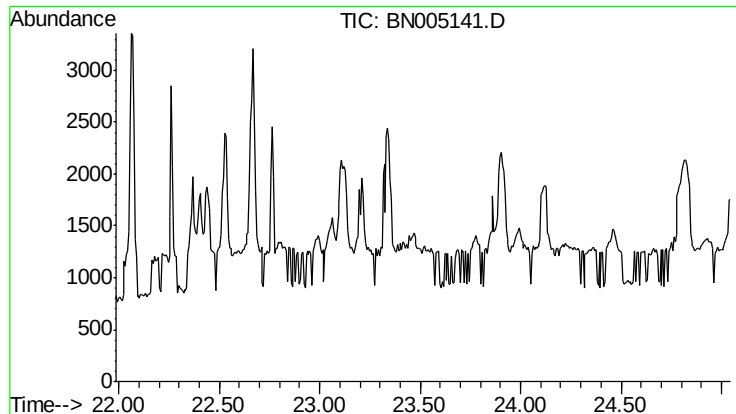
Tot Ion: 240
 Sig Exp Ratio
 240 100
 120 10.6
 236 26.5



#79
 Terphenyl-d14
 Concen: 0.000 ng
 RT: 19.68 min Scan# 2838
 Delta R.T. -0.03 min
 Lab File: BN005141.D
 Acq: 10 Apr 2019 23:04

Tgt Ion: 244 Resp: 3584
 Ion Ratio Lower Upper
 244 100
 212 0.0 5.4 8.0#
 122 11.5 7.4 11.2#





#87
Pervlene-d12
Concen: 0.000 ng
Expected RT: 23.52 min
Lab File: BN005141.D
Acq: 10 Apr 2019 23:04

Instrument :
BNA_N
ClientSampleId :

Tot Ion	264
Sig	Exp Ratio
264	100
260	23.7
265	21.5

