

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040319\
 Data File : BN005074.D
 Acq On : 03 Apr 2019 23:03
 Operator : JU/SJ
 Sample : K2199-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OR-02-040219-A

Quant Time: Apr 04 04:30:31 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

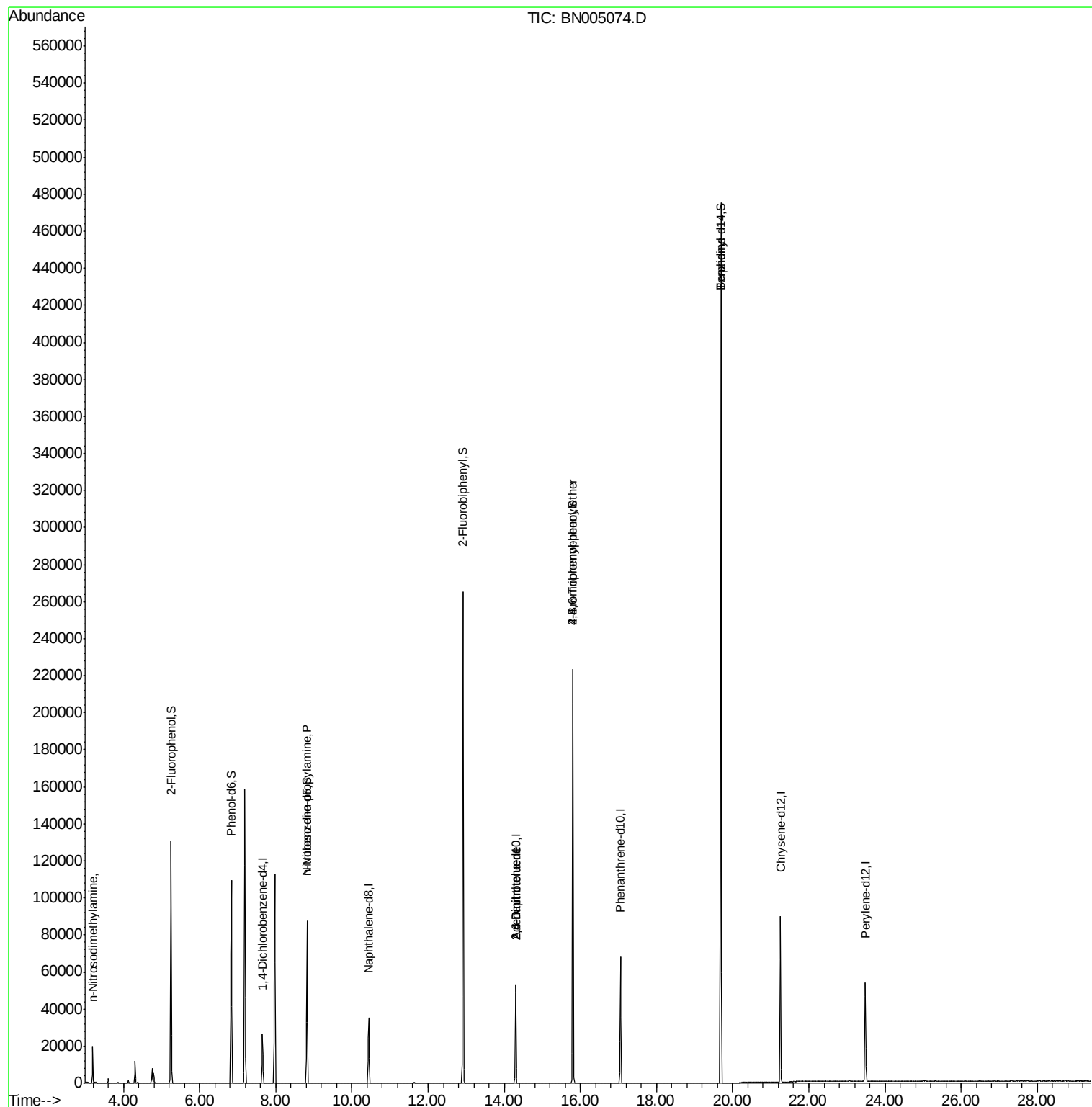
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	8349	20.00	ng	-0.02
21) Naphthalene-d8	10.44	136	33177	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	19030	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	43712	20.00	ng	-0.02
76) Chrysene-d12	21.25	240	44885	20.00	ng	-0.02
87) Perylene-d12	23.48	264	41373	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	60600	125.49	ng	-0.02
7) Phenol-d6	6.83	99	68269	106.59	ng	-0.02
23) Nitrobenzene-d5	8.82	82	52345	95.44	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	51812	168.81	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	141235	98.35	ng	-0.02
79) Terphenyl-d14	19.69	244	243866	104.60	ng	-0.02
Target Compounds						
4) n-Nitrosodimethylamine	3.19	42	1161	7.242	ng	# 1
19) n-Nitroso-di-n-propylamine	8.82	70	6705	15.969	ng	# 74
51) 2,6-Dinitrotoluene	14.30	165	2314	6.504	ng	# 29
57) 2,4-Dinitrotoluene	14.30	165	2314	4.786	ng	# 27
67) 4-Bromophenyl-phenylether	15.80	248	2999	5.498	ng	# 1
77) Benzidine	19.69	184	2803	2.004	ng	# 85

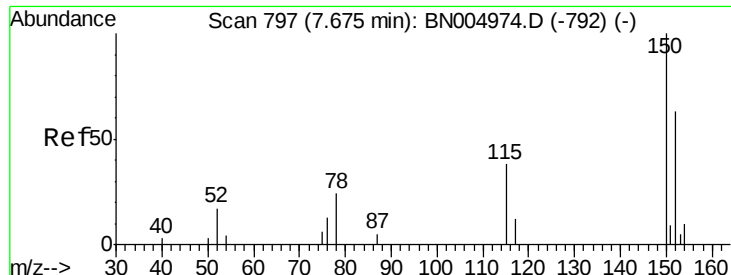
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040319\
Data File : BN005074.D
Acq On : 03 Apr 2019 23:03
Operator : JU/SJ
Sample : K2199-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
OR-02-040219-A

Quant Time: Apr 04 04:30:31 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



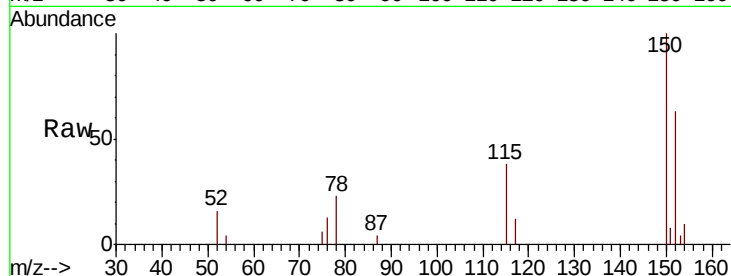


#1

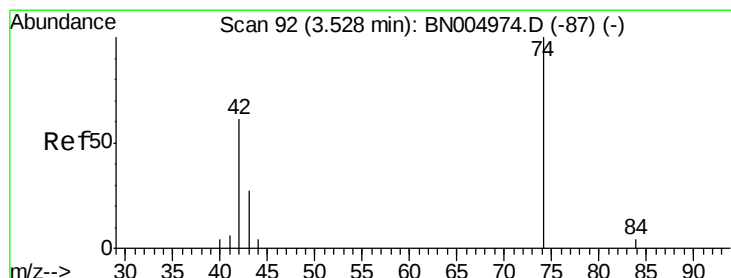
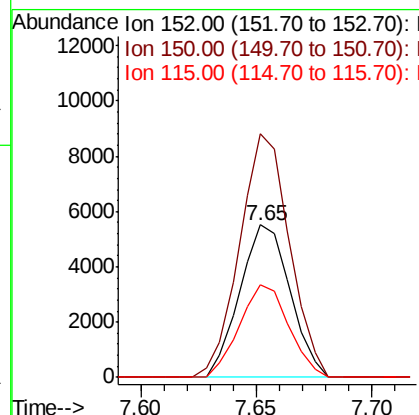
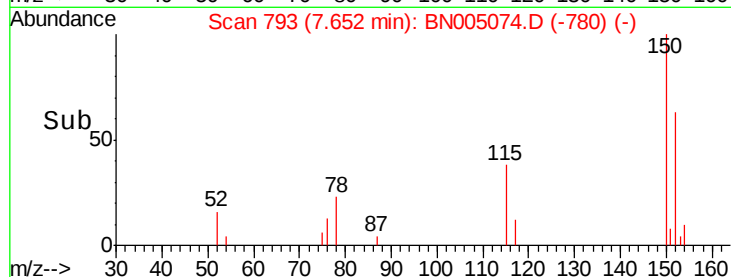
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BN005074.D
Acq: 03 Apr 2019 23:03

Instrument :
BNA_N
ClientSampleId :
OR-02-040219-A

Tgt Ion:152 Resp: 8349
Ion Ratio Lower Upper
152 100
150 159.5 126.9 190.3
115 60.5 47.8 71.6



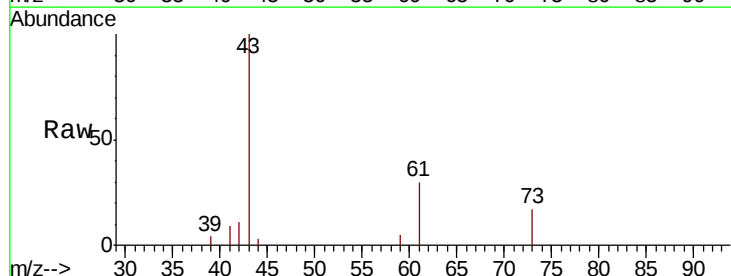
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



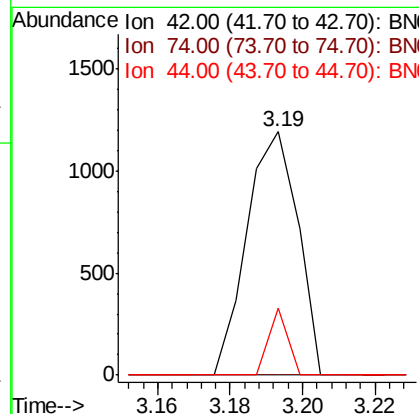
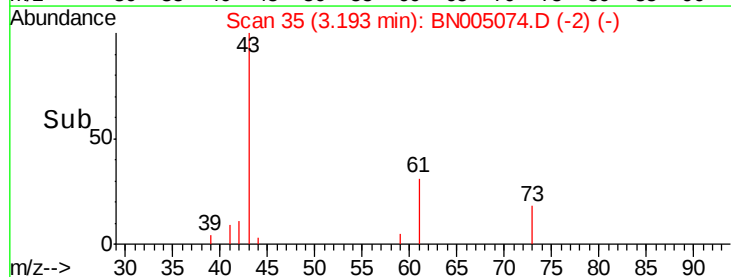
#4

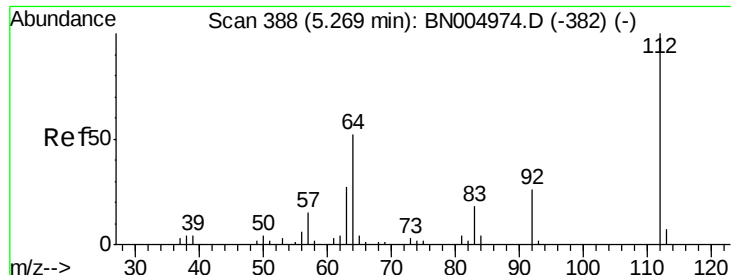
n-Nitrosodimethylamine
Concen: 7.242 ng
RT: 3.19 min Scan# 35
Delta R.T. -0.33 min
Lab File: BN005074.D
Acq: 03 Apr 2019 23:03

Tgt Ion: 42 Resp: 1161
Ion Ratio Lower Upper
42 100
74 0.0 130.8 196.2#
44 27.6 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: 125.490 ng

RT: 5.25 min Scan# 384

Delta R.T. -0.02 min

Lab File: BN005074.D

Acq: 03 Apr 2019 23:03

Instrument :

BNA_N

ClientSampleId :

OR-02-040219-A

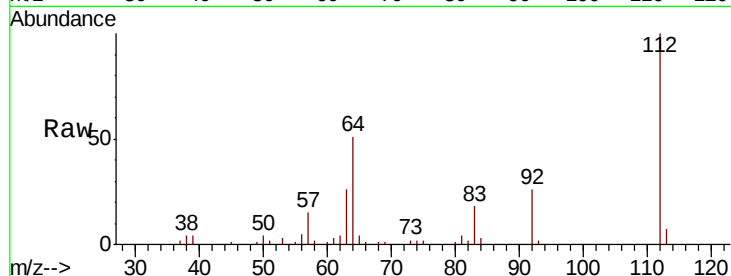
Tgt Ion: 112 Resp: 60600

Ion Ratio Lower Upper

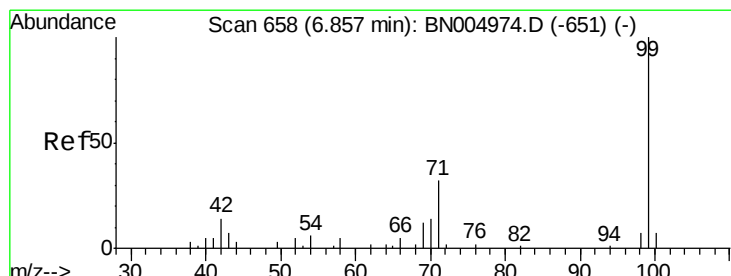
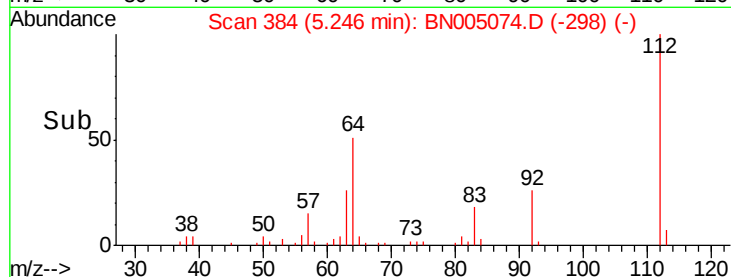
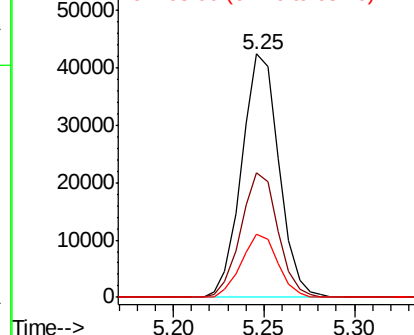
112 100

64 51.4 41.9 62.9

63 25.8 21.4 32.0



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: 106.587 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.02 min

Lab File: BN005074.D

Acq: 03 Apr 2019 23:03

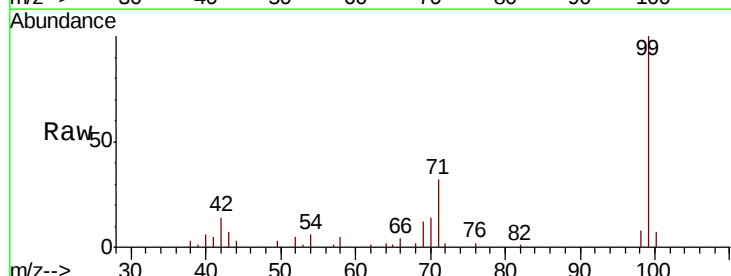
Tgt Ion: 99 Resp: 68269

Ion Ratio Lower Upper

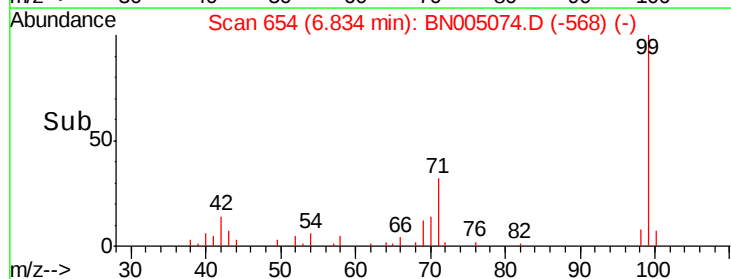
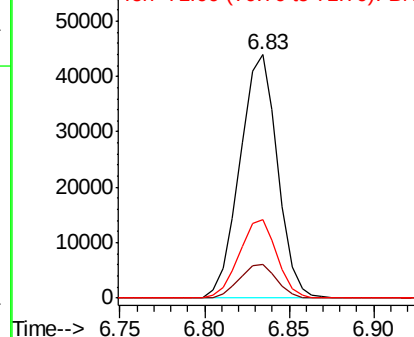
99 100

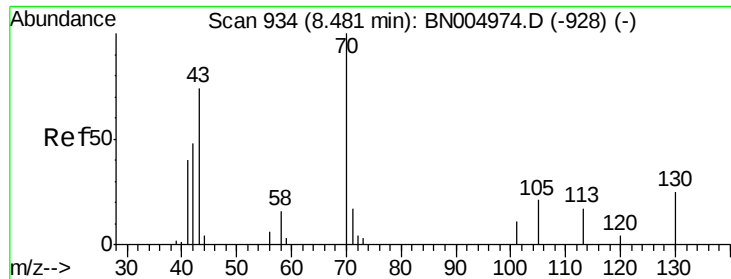
42 13.9 11.4 17.0

71 32.5 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

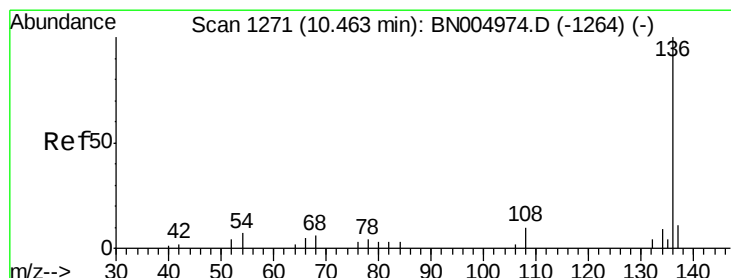
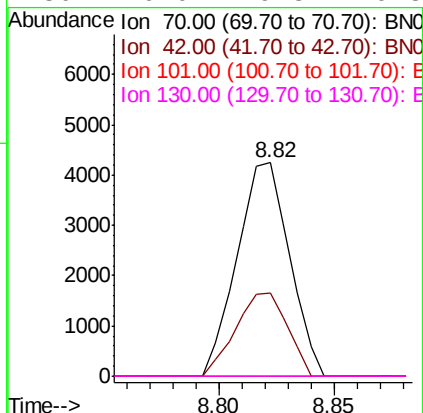
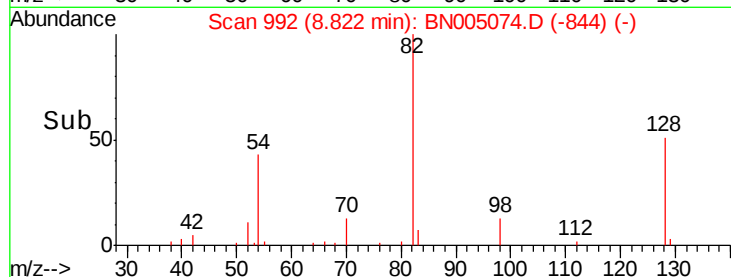
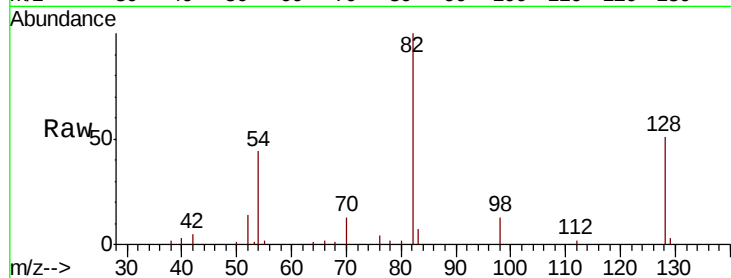




#19
n-Nitroso-di-n-propylamine
Concen: 15.969 ng
RT: 8.82 min Scan# 992
Delta R.T. 0.34 min
Lab File: BN005074.D
Acq: 03 Apr 2019 23:03

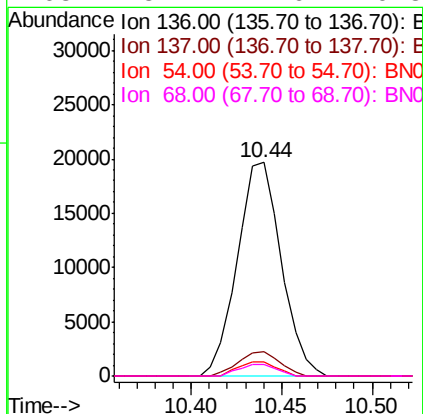
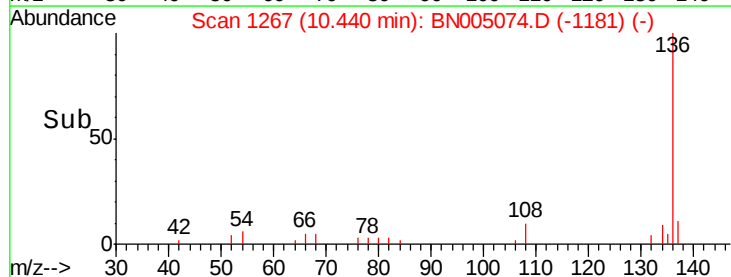
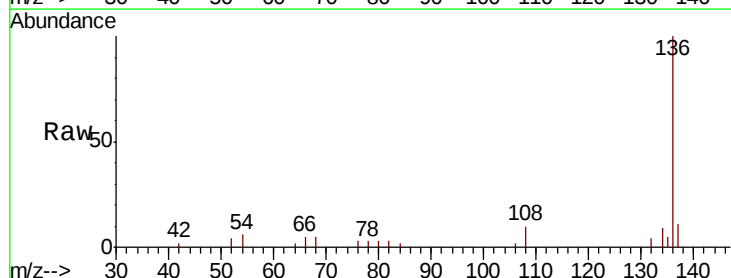
Instrument :
BNA_N
ClientSampleId :
OR-02-040219-A

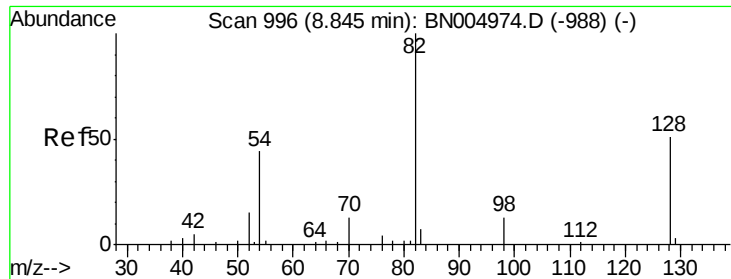
Tgt Ion: 70 Resp: 6705
Ion Ratio Lower Upper
70 100
42 38.8 38.4 57.6
101 0.0 8.8 13.2#
130 0.0 19.8 29.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BN005074.D
Acq: 03 Apr 2019 23:03

Tgt Ion: 136 Resp: 33177
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 6.4 5.3 7.9
68 5.4 4.6 6.8

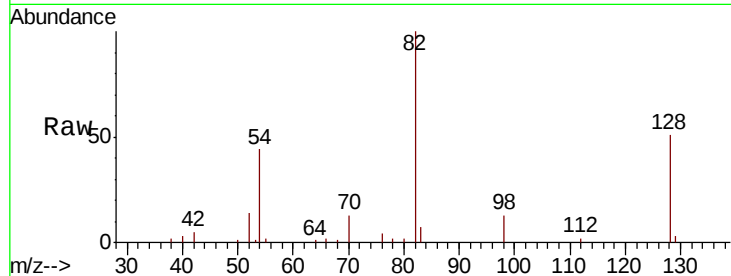




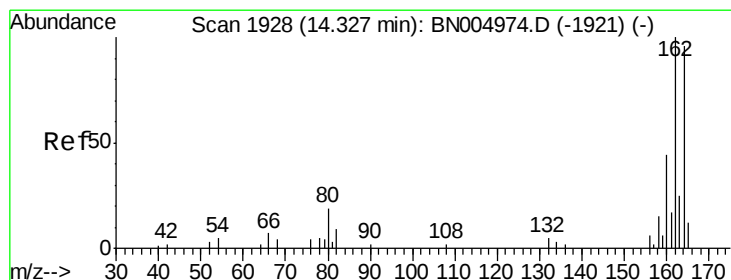
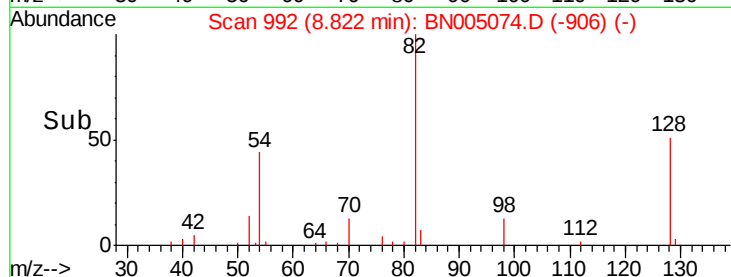
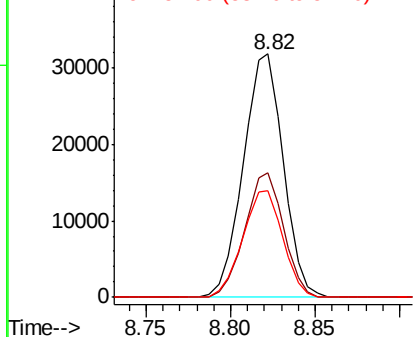
#23
 Nitrobenzene-d5
 Concen: 95.440 ng
 RT: 8.82 min Scan# 992
 Delta R.T. -0.02 min
 Lab File: BN005074.D
 Acq: 03 Apr 2019 23:03

Instrument :
 BNA_N
 ClientSampleId :
 OR-02-040219-A

Tgt Ion: 82 Resp: 52345
 Ion Ratio Lower Upper
 82 100
 128 51.1 40.6 60.8
 54 43.8 35.2 52.8

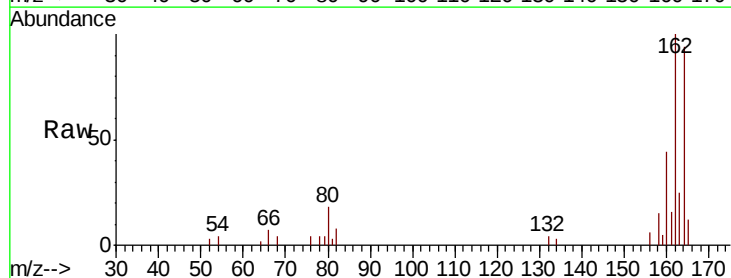


Abundance Ion 82.00 (81.70 to 82.70): BN0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BN0

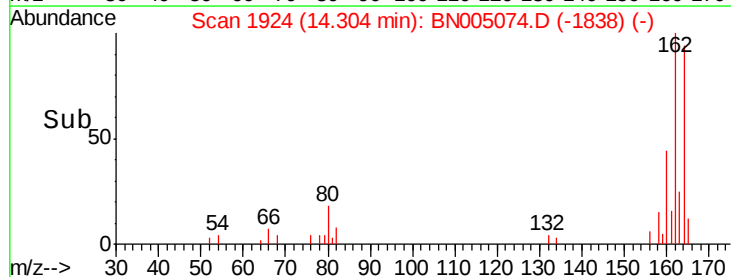
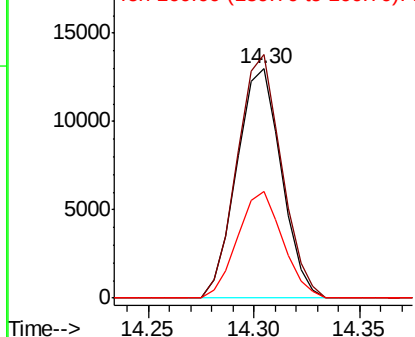


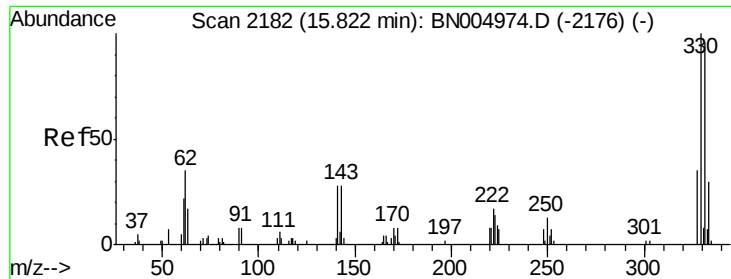
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.30 min Scan# 1924
 Delta R.T. -0.02 min
 Lab File: BN005074.D
 Acq: 03 Apr 2019 23:03

Tgt Ion: 164 Resp: 19030
 Ion Ratio Lower Upper
 164 100
 162 106.3 83.4 125.0
 160 46.3 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

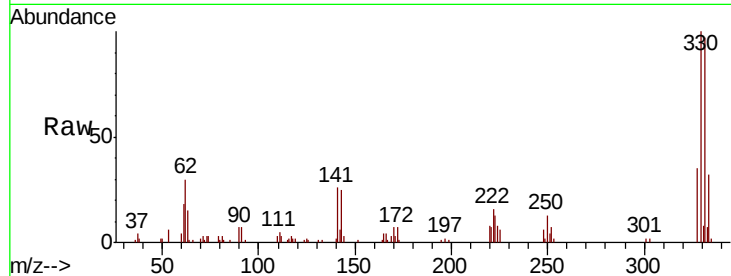




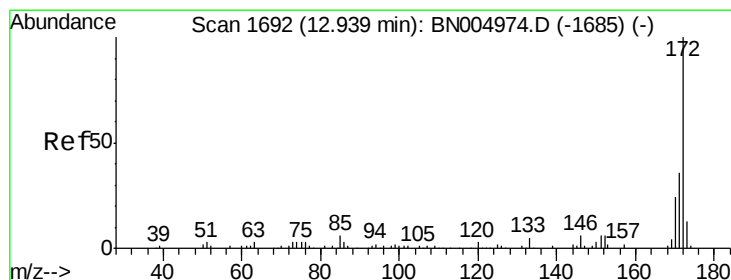
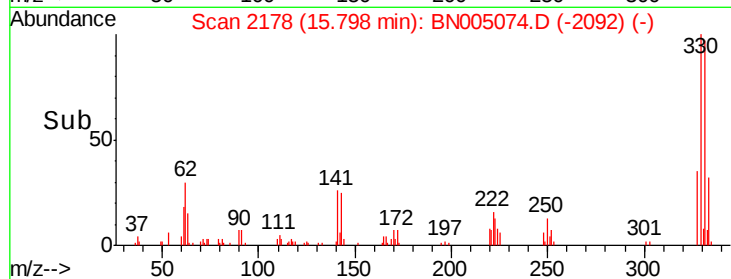
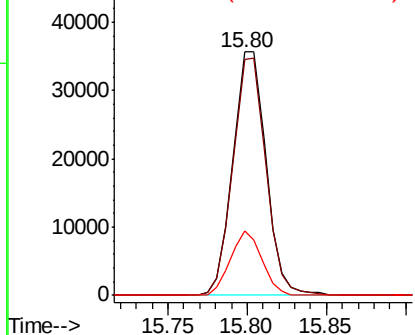
#42
 2,4,6-Tribromophenol
 Concen: 168.814 ng
 RT: 15.80 min Scan# 2178
 Delta R.T. -0.02 min
 Lab File: BN005074.D
 Acq: 03 Apr 2019 23:03

Instrument :
 BNA_N
 ClientSampleId :
 OR-02-040219-A

Tgt Ion:330 Resp: 51812
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.4 116.0
 141 24.8 22.1 33.1

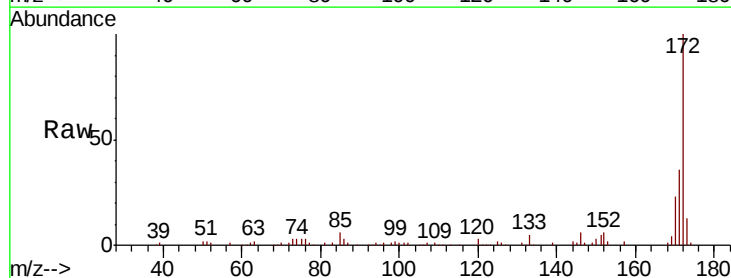


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

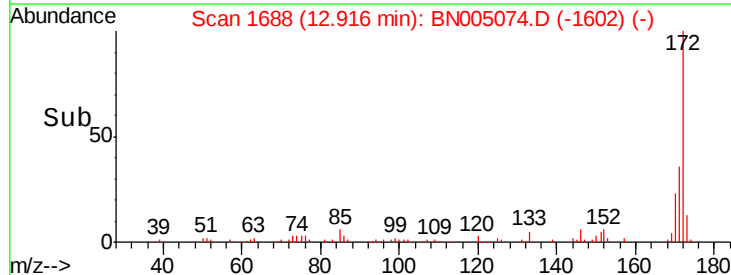
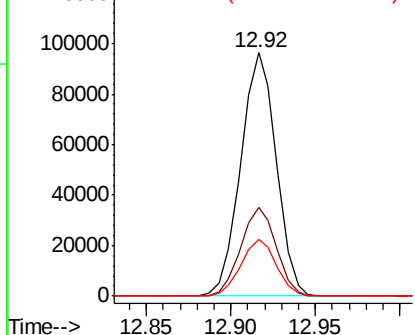


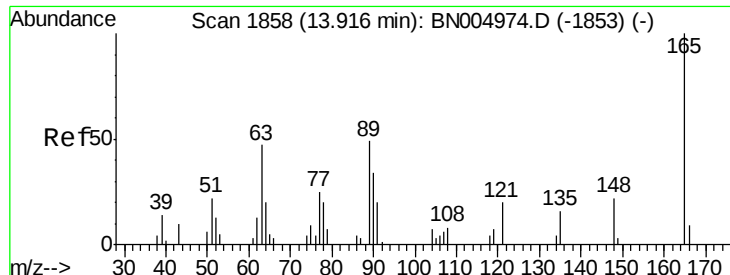
#45
 2-Fluorobiphenyl
 Concen: 98.347 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BN005074.D
 Acq: 03 Apr 2019 23:03

Tgt Ion:172 Resp: 141235
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 42.8
 170 23.3 18.9 28.3



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

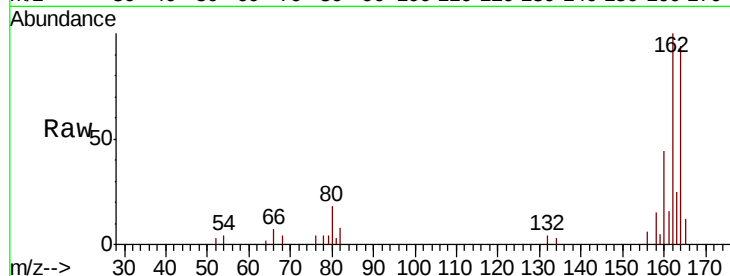




#51
 2,6-Dinitrotoluene
 Concen: 6.504 ng
 RT: 14.30 min Scan# 1924
 Delta R.T. 0.39 min
 Lab File: BN005074.D
 Acq: 03 Apr 2019 23:03

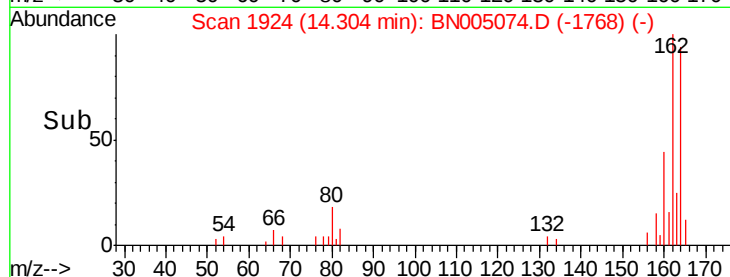
Instrument :
 BNA_N
 ClientSampleId :
 OR-02-040219-A

Tgt Ion:165 Resp: 2314
 Ion Ratio Lower Upper
 165 100
 63 0.0 37.3 55.9#
 89 0.0 39.2 58.8#

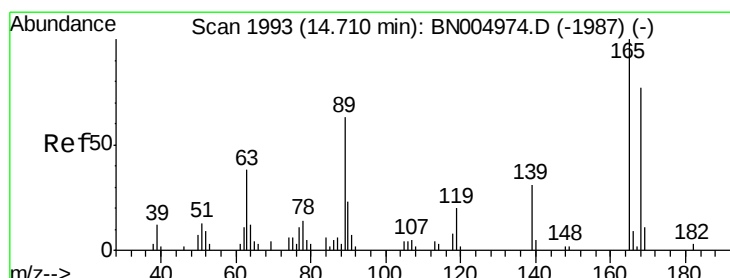


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 89.00 (88.70 to 89.70): BNC

14.30

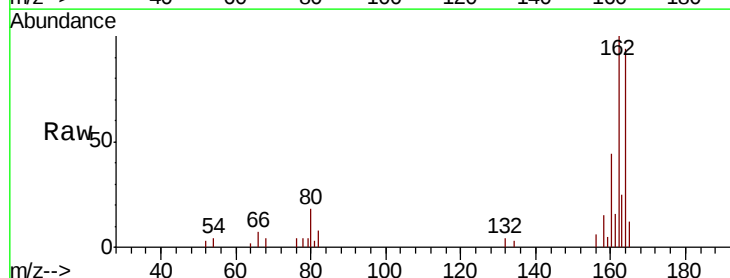


Time--> 14.25 14.30



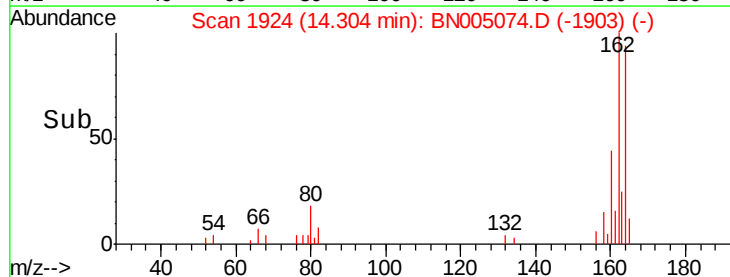
#57
 2,4-Dinitrotoluene
 Concen: 4.786 ng
 RT: 14.30 min Scan# 1924
 Delta R.T. -0.41 min
 Lab File: BN005074.D
 Acq: 03 Apr 2019 23:03

Tgt Ion:165 Resp: 2314
 Ion Ratio Lower Upper
 165 100
 63 0.0 30.4 45.6#
 89 0.0 50.7 76.1#
 182 0.0 2.5 3.7#

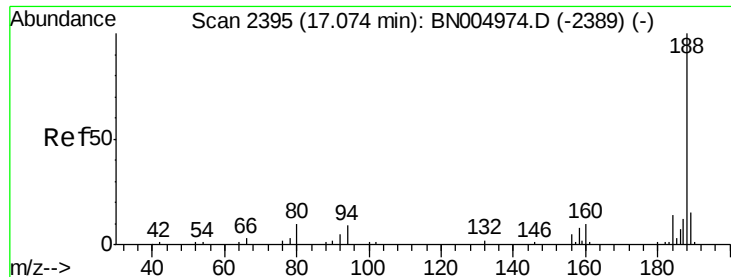


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 89.00 (88.70 to 89.70): BNC
 Ion 182.00 (181.70 to 182.70): E

14.30



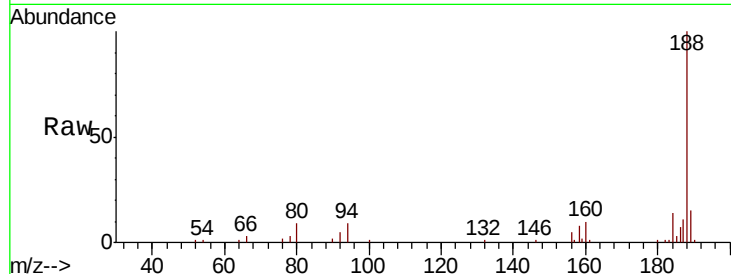
Time--> 14.25 14.30



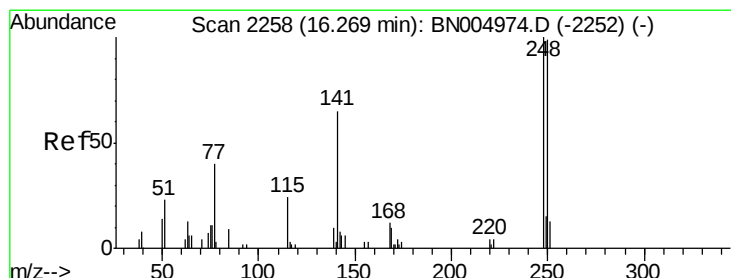
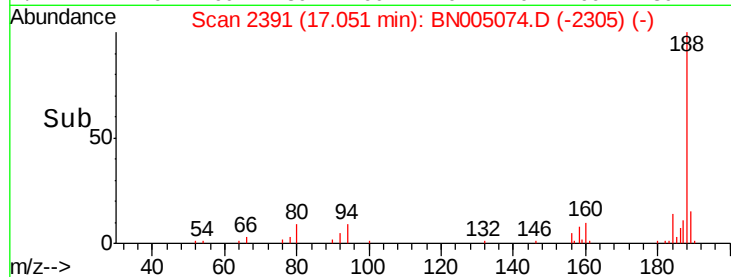
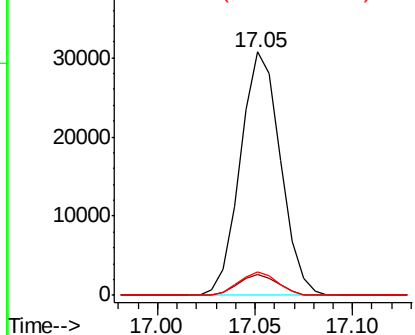
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.05 min Scan# 2391
 Delta R.T. -0.02 min
 Lab File: BN005074.D
 Acq: 03 Apr 2019 23:03

Instrument :
 BNA_N
 ClientSampleId :
 OR-02-040219-A

Tgt Ion:188 Resp: 43712
 Ion Ratio Lower Upper
 188 100
 94 8.6 7.2 10.8
 80 9.4 7.8 11.6

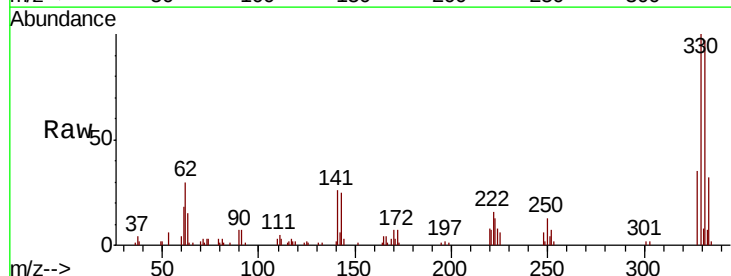


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BNC
 Ion 80.00 (79.70 to 80.70): BNC

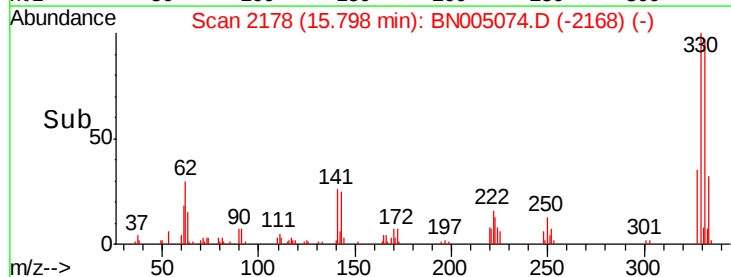
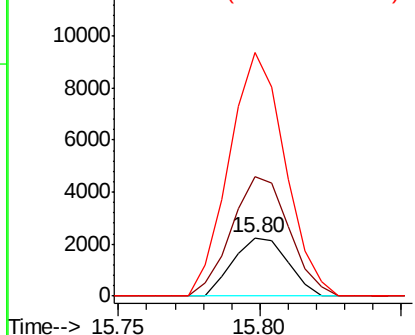


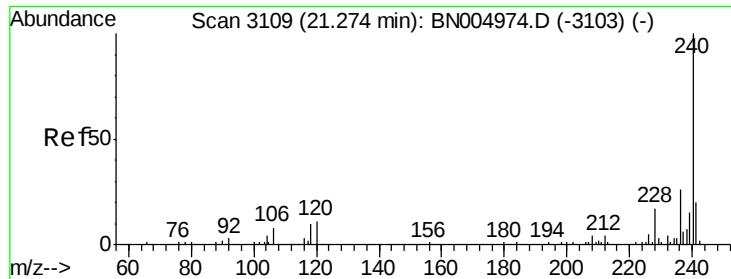
#67
 4-Bromophenyl-phenylether
 Concen: 5.498 ng
 RT: 15.80 min Scan# 2178
 Delta R.T. -0.47 min
 Lab File: BN005074.D
 Acq: 03 Apr 2019 23:03

Tgt Ion:248 Resp: 2999
 Ion Ratio Lower Upper
 248 100
 250 204.5 79.4 119.2#
 141 415.4 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

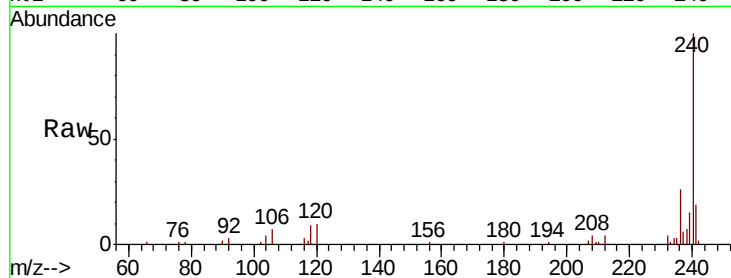




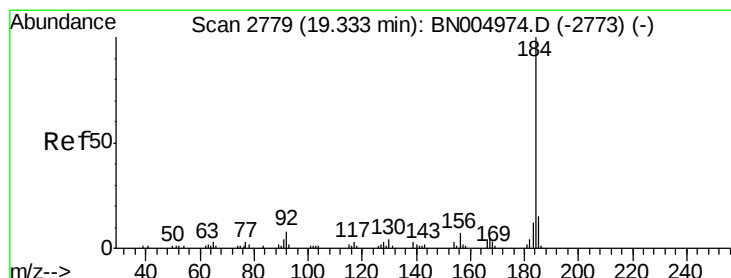
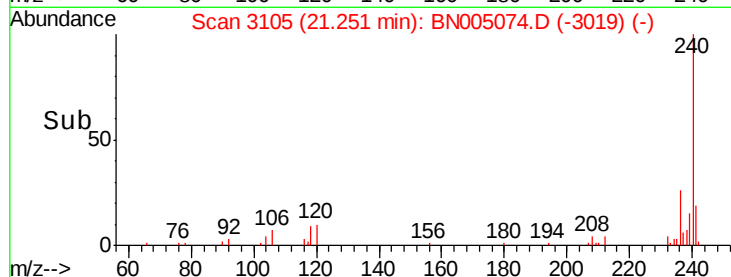
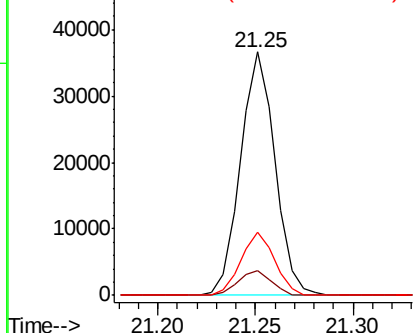
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.02 min
Lab File: BN005074.D
Acq: 03 Apr 2019 23:03

Instrument :
BNA_N
ClientSampleId :
OR-02-040219-A

Tgt Ion:240 Resp: 44885
Ion Ratio Lower Upper
240 100
120 10.1 8.5 12.7
236 26.0 21.2 31.8

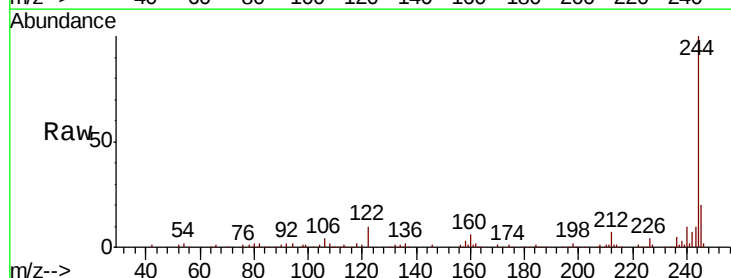


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

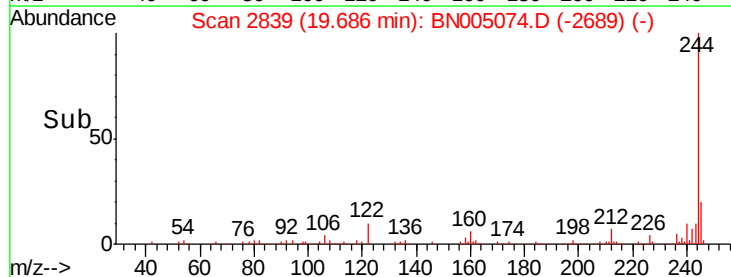
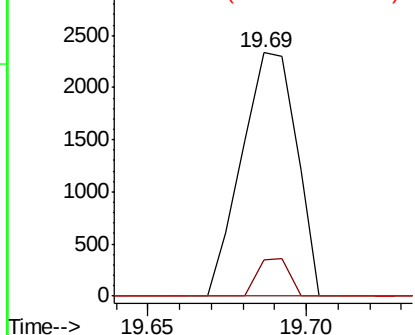


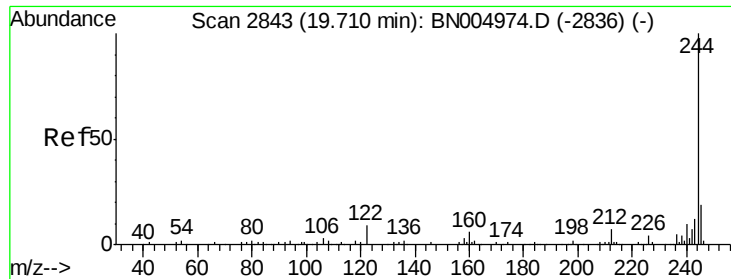
#77
Benzidine
Concen: 2.004 ng
RT: 19.69 min Scan# 2839
Delta R.T. 0.35 min
Lab File: BN005074.D
Acq: 03 Apr 2019 23:03

Tgt Ion:184 Resp: 2803
Ion Ratio Lower Upper
184 100
185 14.9 11.8 17.8
183 0.0 9.9 14.9#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 104.601 ng

RT: 19.69 min Scan# 2840

Delta R.T. -0.02 min

Lab File: BN005074.D

Acq: 03 Apr 2019 23:03

Instrument :

BNA_N

ClientSampleId :

OR-02-040219-A

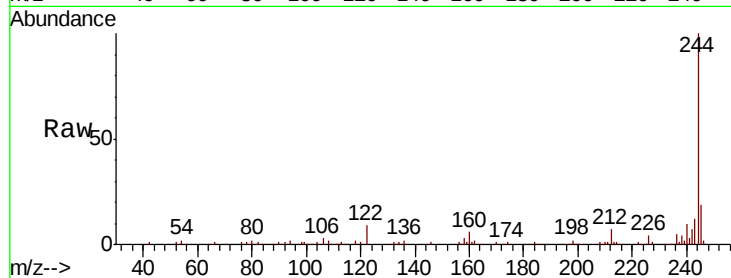
Tgt Ion:244 Resp: 243866

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

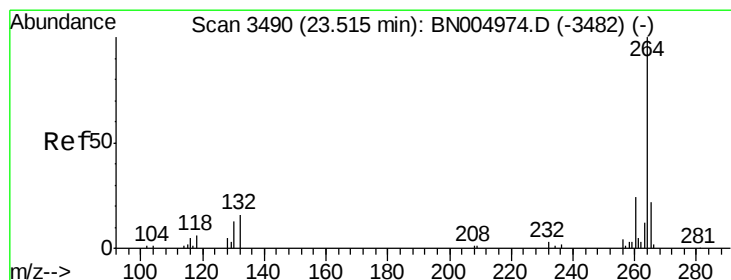
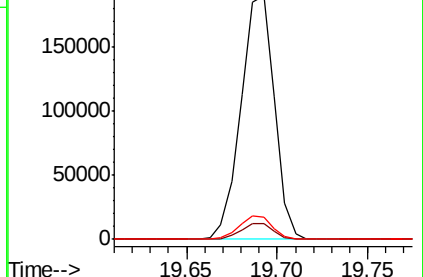
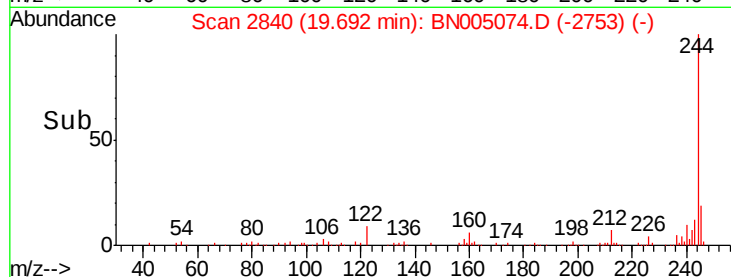
122 9.0 7.4 11.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.48 min Scan# 3484

Delta R.T. -0.03 min

Lab File: BN005074.D

Acq: 03 Apr 2019 23:03

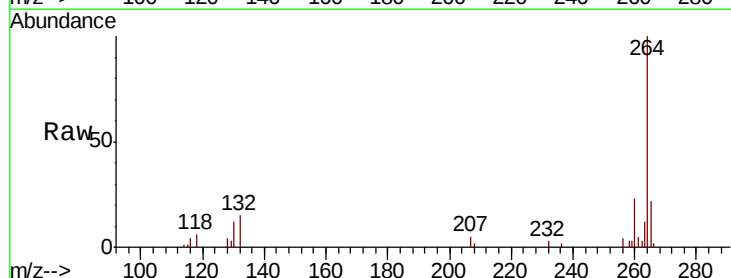
Tgt Ion:264 Resp: 41373

Ion Ratio Lower Upper

264 100

260 22.8 19.0 28.4

265 21.5 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

