

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040319\
 Data File : BN005077.D
 Acq On : 04 Apr 2019 00:51
 Operator : JU/SJ
 Sample : K2203-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SU-03-040219-B

Quant Time: Apr 04 04:31:03 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

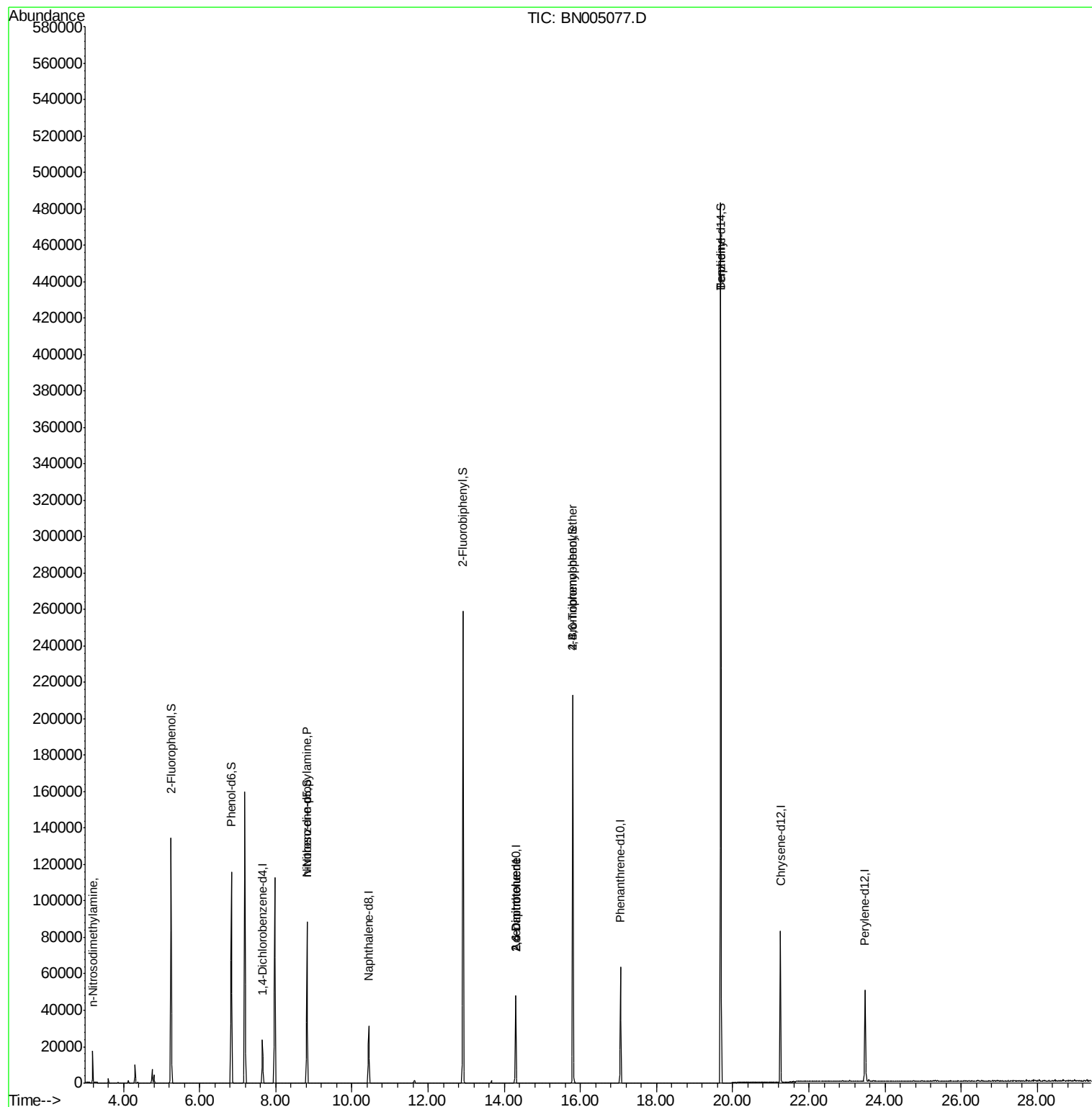
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	7838	20.00	ng	-0.02
21) Naphthalene-d8	10.44	136	30791	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	17772	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	40191	20.00	ng	-0.02
76) Chrysene-d12	21.25	240	43877	20.00	ng	-0.02
87) Perylene-d12	23.47	264	40505	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	63189	139.38	ng	-0.02
7) Phenol-d6	6.83	99	71736	119.30	ng	-0.02
23) Nitrobenzene-d5	8.82	82	52014	102.19	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	48791	170.22	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	137772	102.73	ng	-0.02
79) Terphenyl-d14	19.69	244	239713	105.18	ng	-0.02
Target Compounds						
4) n-Nitrosodimethylamine	3.19	42	1046	6.950	ng	# 1
19) n-Nitroso-di-n-propylamine	8.82	70	6631	16.822	ng	# 73
51) 2,6-Dinitrotoluene	14.30	165	2147	6.462	ng	# 29
57) 2,4-Dinitrotoluene	14.30	165	2147	4.755	ng	# 27
67) 4-Bromophenyl-phenylether	15.80	248	2834	5.651	ng	# 1
77) Benzidine	19.69	184	2776	2.030	ng	# 83

(#) = 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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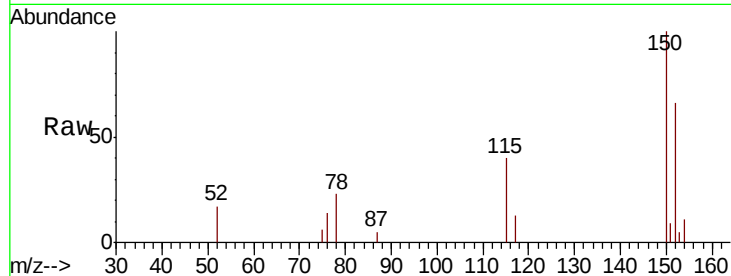


#1

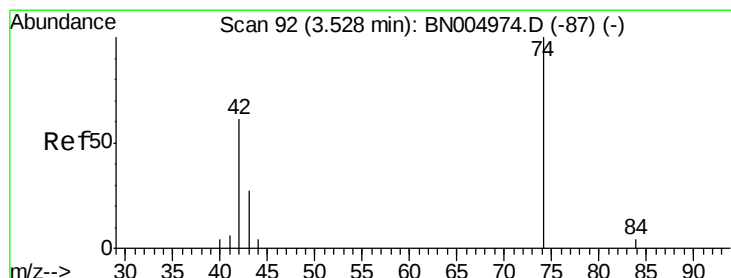
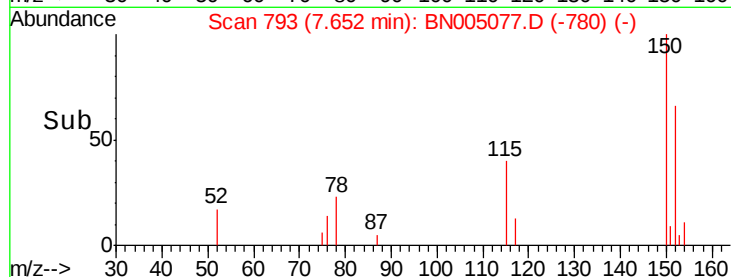
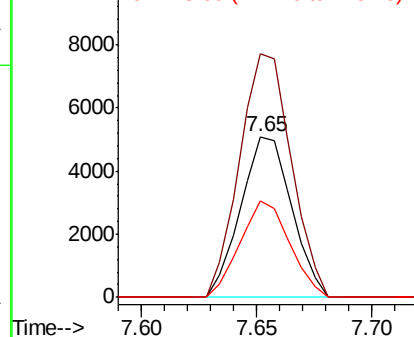
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BN005077.D
Acq: 04 Apr 2019 00:51

Instrument :
BNA_N
ClientSampleId :
SU-03-040219-B

Tgt Ion:152 Resp: 7838
Ion Ratio Lower Upper
152 100
150 151.2 126.9 190.3
115 59.8 47.8 71.6



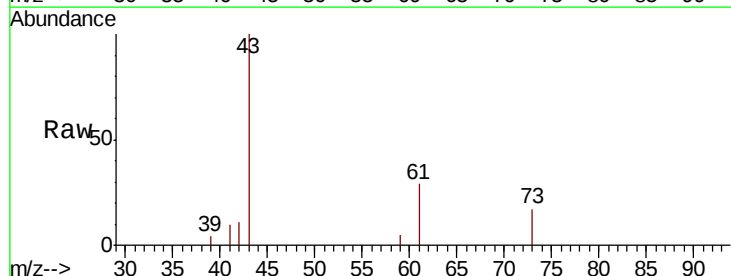
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



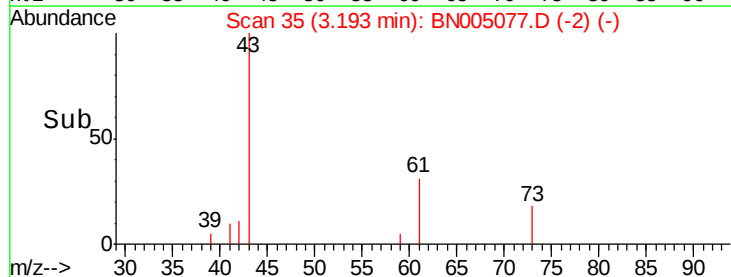
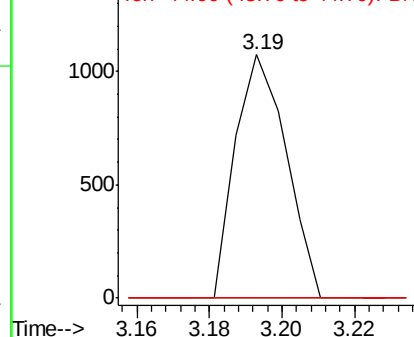
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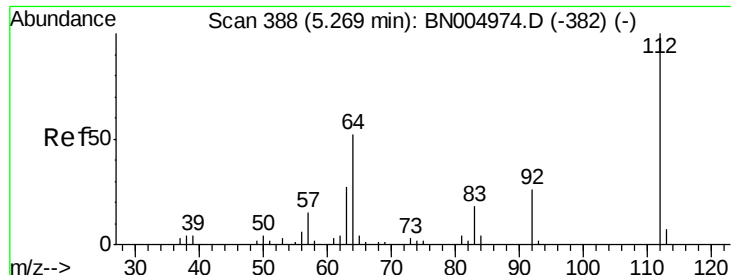
n-Nitrosodimethylamine
Concen: 6.950 ng
RT: 3.19 min Scan# 35
Delta R.T. -0.33 min
Lab File: BN005077.D
Acq: 04 Apr 2019 00:51

Tgt Ion: 42 Resp: 1046
Ion Ratio Lower Upper
42 100
74 0.0 130.8 196.2#
44 0.0 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: 139.382 ng

RT: 5.25 min Scan# 385

Delta R.T. -0.02 min

Lab File: BN005077.D

Acq: 04 Apr 2019 00:51

Instrument :

BNA_N

ClientSampleId :

SU-03-040219-B

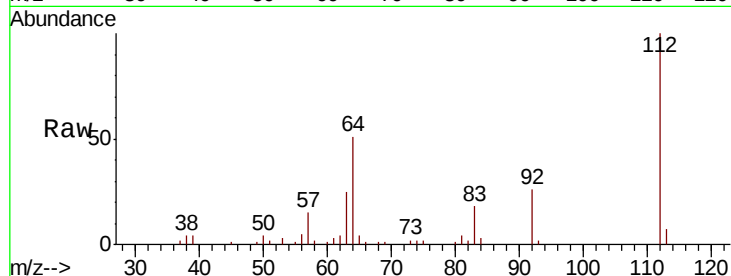
Tgt Ion: 112 Resp: 63189

Ion Ratio Lower Upper

112 100

64 50.9 41.9 62.9

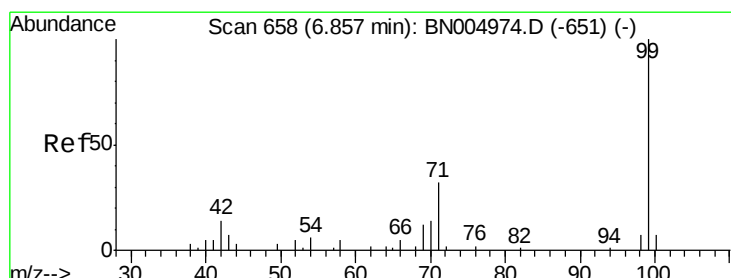
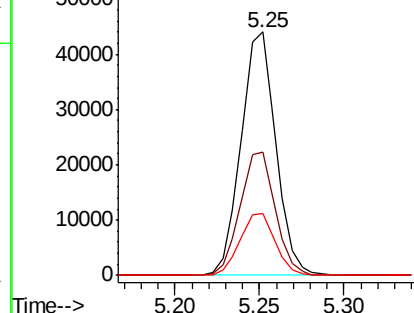
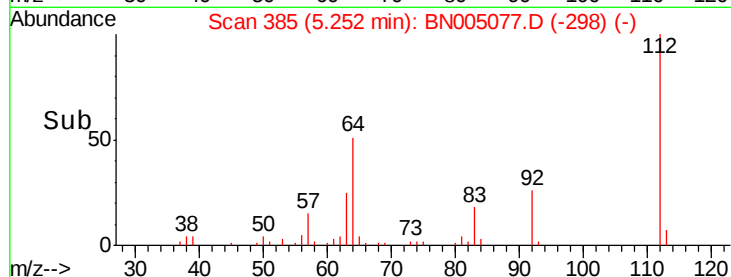
63 25.5 21.4 32.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#7

Phenol-d6

Concen: 119.302 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.02 min

Lab File: BN005077.D

Acq: 04 Apr 2019 00:51

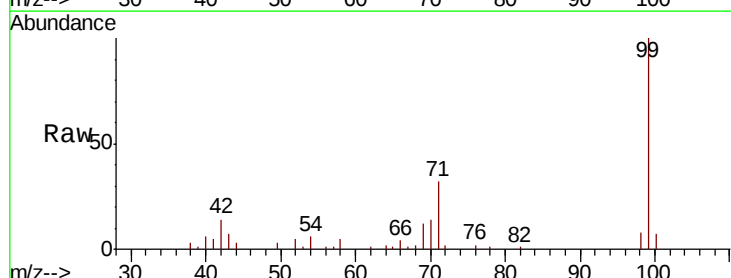
Tgt Ion: 99 Resp: 71736

Ion Ratio Lower Upper

99 100

42 13.7 11.4 17.0

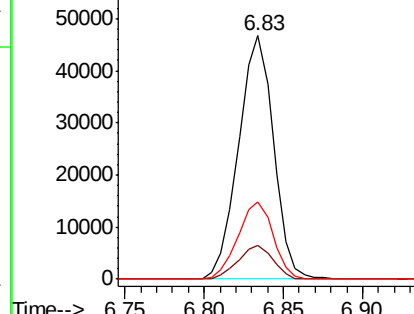
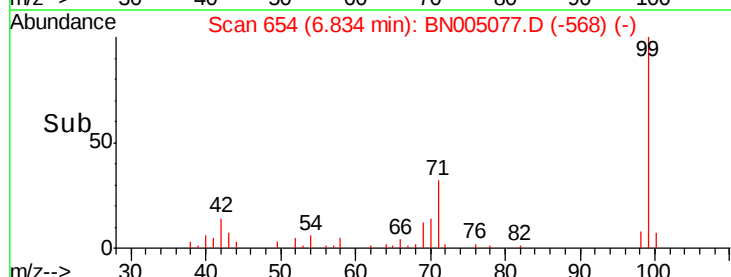
71 31.9 25.8 38.8

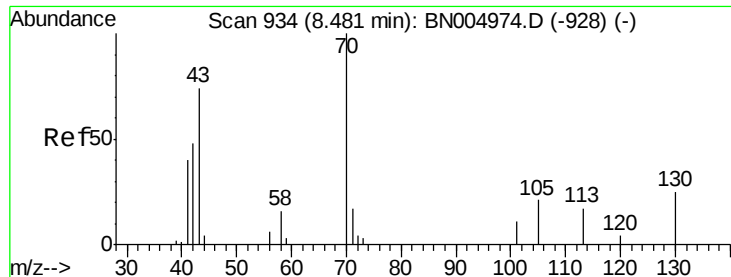


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC

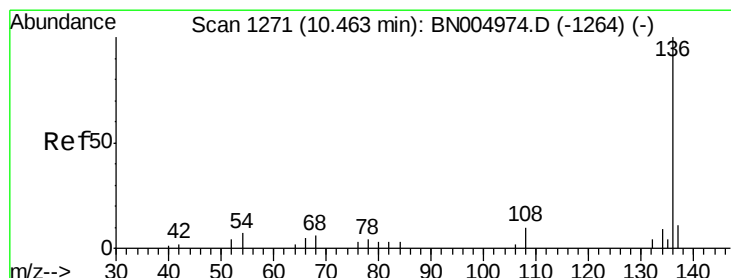
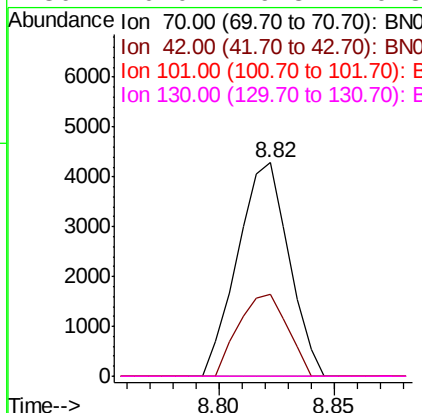
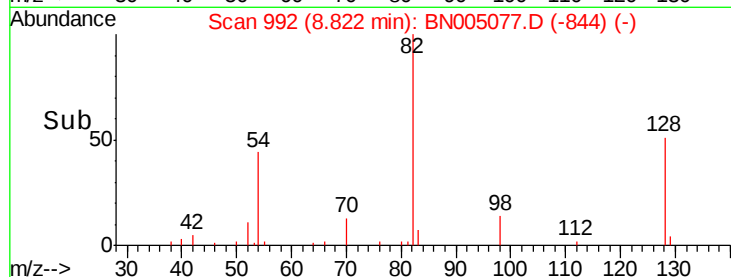
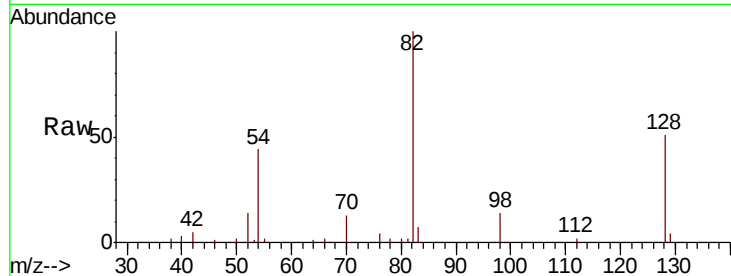




#19
n-Nitroso-di-n-propylamine
Concen: 16.822 ng
RT: 8.82 min Scan# 992
Delta R.T. 0.34 min
Lab File: BN005077.D
Acq: 04 Apr 2019 00:51

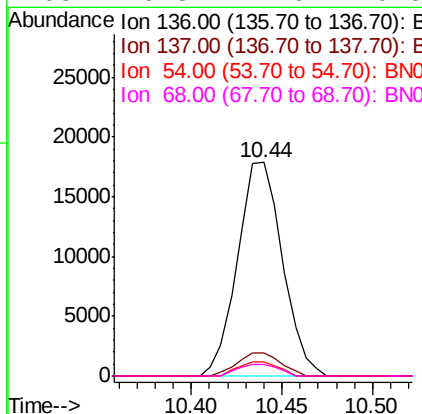
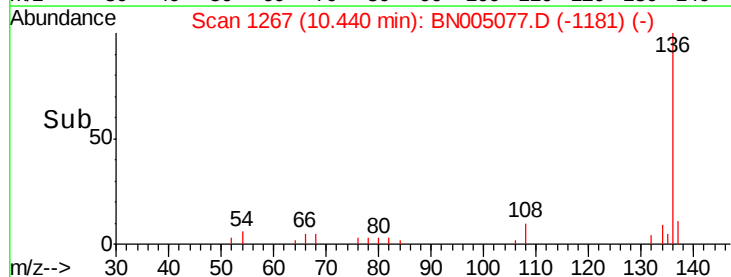
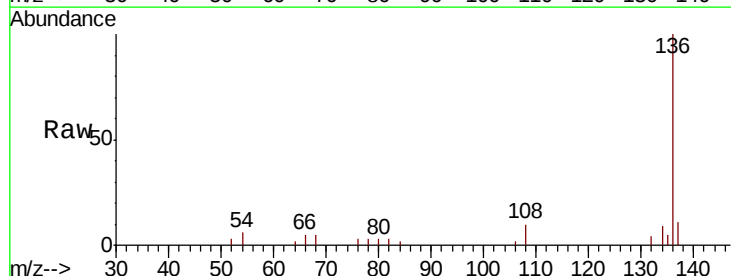
Instrument :
BNA_N
ClientSampleId :
SU-03-040219-B

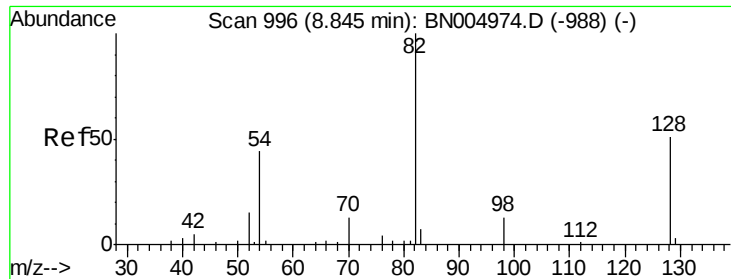
Tgt Ion: 70 Resp: 6631
Ion Ratio Lower Upper
70 100
42 38.1 38.4 57.6#
101 0.0 8.8 13.2#
130 0.0 19.8 29.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BN005077.D
Acq: 04 Apr 2019 00:51

Tgt Ion: 136 Resp: 30791
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 6.5 5.3 7.9
68 5.3 4.6 6.8

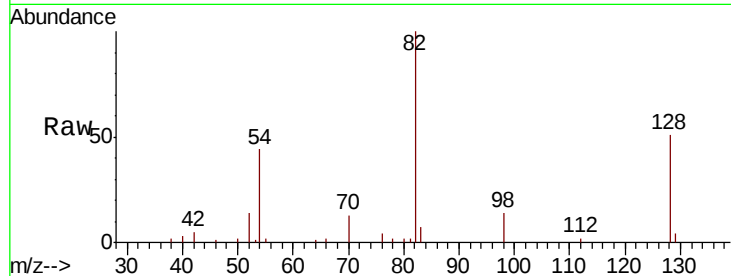




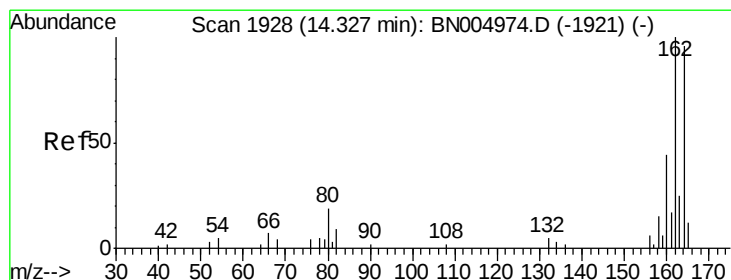
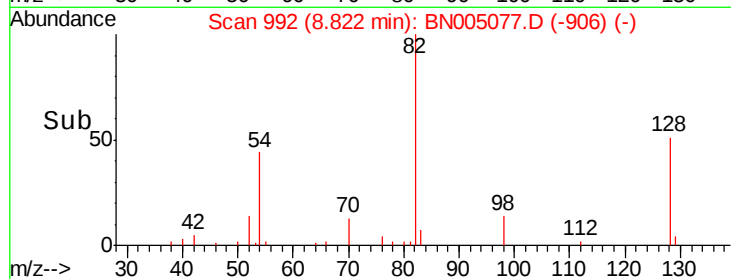
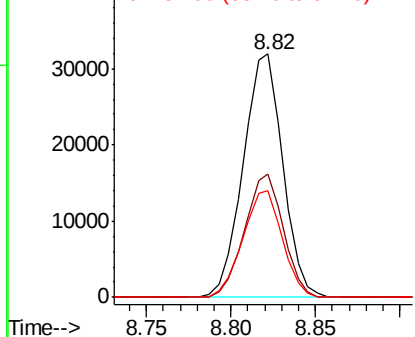
#23
 Nitrobenzene-d5
 Concen: 102.186 ng
 RT: 8.82 min Scan# 992
 Delta R.T. -0.02 min
 Lab File: BN005077.D
 Acq: 04 Apr 2019 00:51

Instrument :
 BNA_N
 ClientSampleId :
 SU-03-040219-B

Tgt Ion: 82 Resp: 52014
 Ion Ratio Lower Upper
 82 100
 128 50.7 40.6 60.8
 54 43.6 35.2 52.8

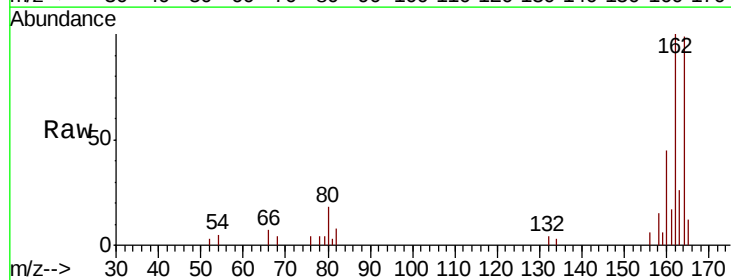


Abundance Ion 82.00 (81.70 to 82.70): BN0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BN0

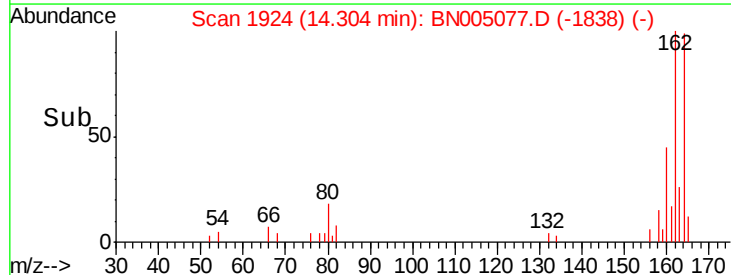
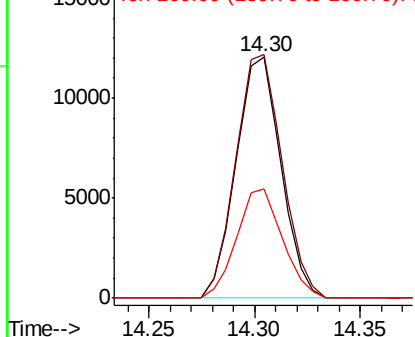


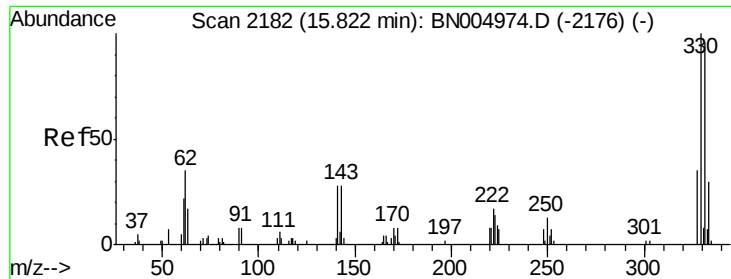
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.30 min Scan# 1924
 Delta R.T. -0.02 min
 Lab File: BN005077.D
 Acq: 04 Apr 2019 00:51

Tgt Ion: 164 Resp: 17772
 Ion Ratio Lower Upper
 164 100
 162 100.8 83.4 125.0
 160 45.3 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

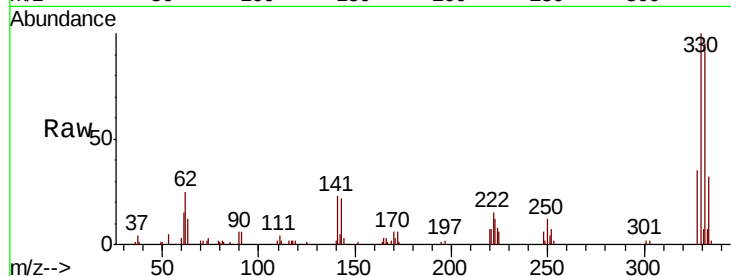




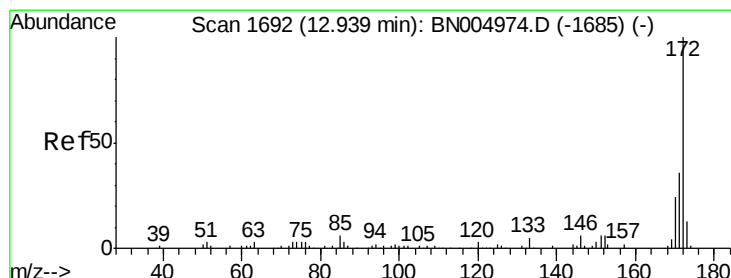
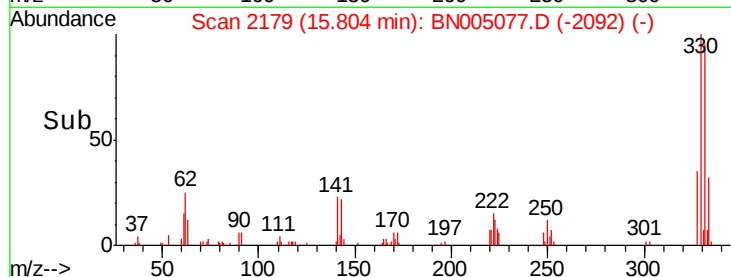
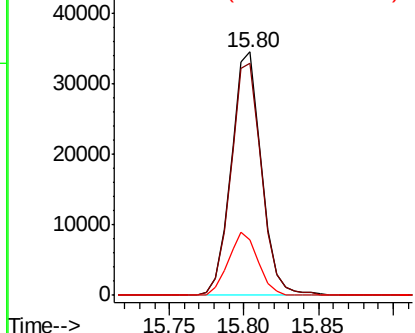
#42
 2,4,6-Tribromophenol
 Concen: 170.223 ng
 RT: 15.80 min Scan# 2179
 Delta R.T. -0.02 min
 Lab File: BN005077.D
 Acq: 04 Apr 2019 00:51

Instrument :
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 SU-03-040219-B

Tgt Ion:330 Resp: 48791
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.4 116.0
 141 25.0 22.1 33.1

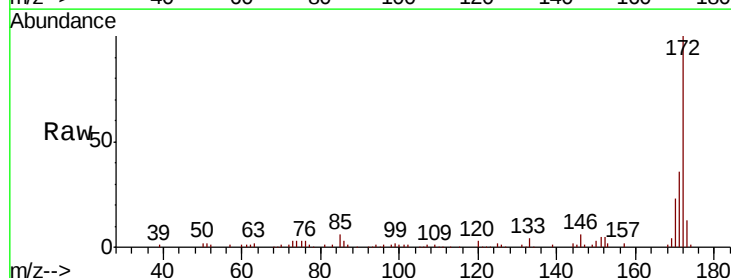


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

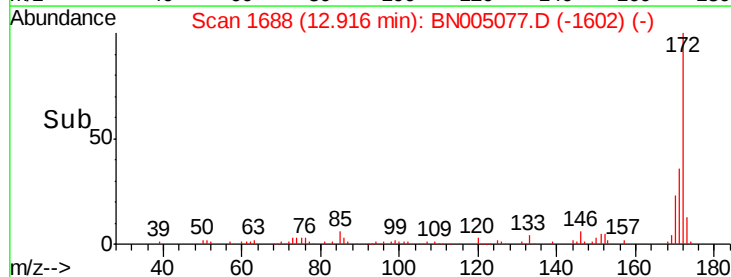
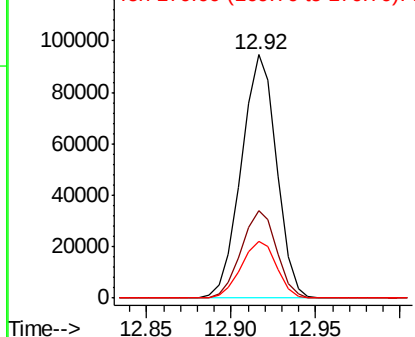


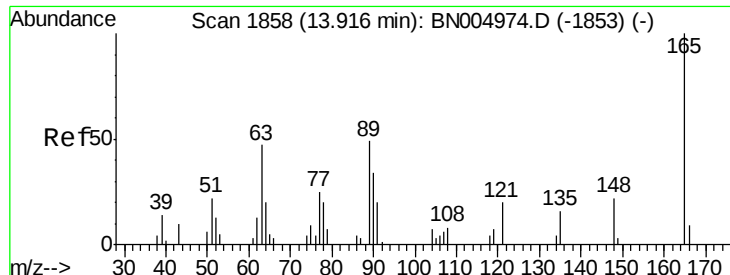
#45
 2-Fluorobiphenyl
 Concen: 102.726 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BN005077.D
 Acq: 04 Apr 2019 00:51

Tgt Ion:172 Resp: 137772
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 42.8
 170 23.5 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

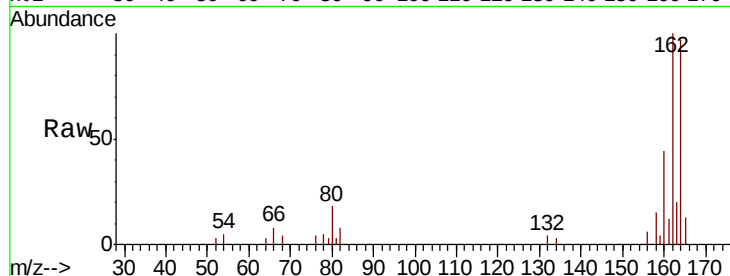




#51
 2,6-Dinitrotoluene
 Concen: 6.462 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. 0.38 min
 Lab File: BN005077.D
 Acq: 04 Apr 2019 00:51

Instrument :
 BNA_N
 ClientSampleId :
 SU-03-040219-B

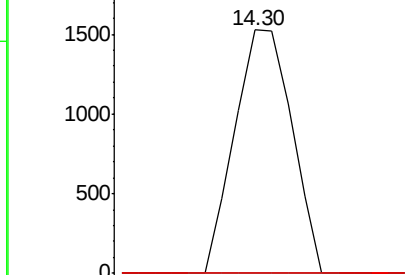
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.3	55.9#
89	0.0	39.2	58.8#



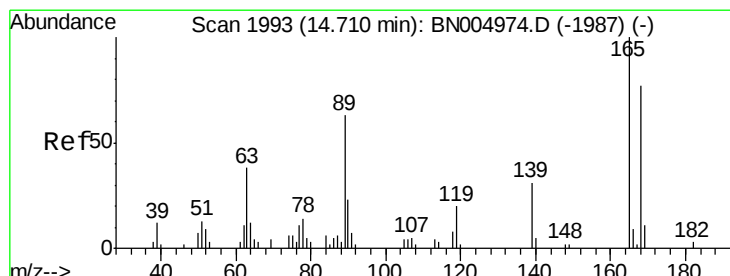
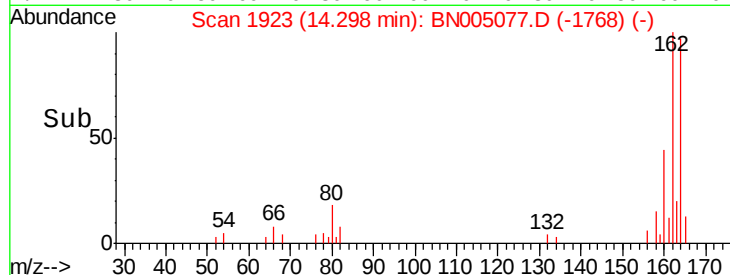
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC



Time--> 14.25 14.30



#57
 2,4-Dinitrotoluene
 Concen: 4.755 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. -0.41 min
 Lab File: BN005077.D
 Acq: 04 Apr 2019 00:51

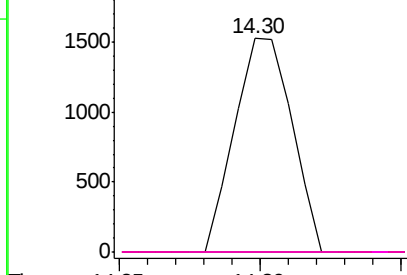
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.4	45.6#
89	0.0	50.7	76.1#
182	0.0	2.5	3.7#

Abundance Ion 165.00 (164.70 to 165.70): E

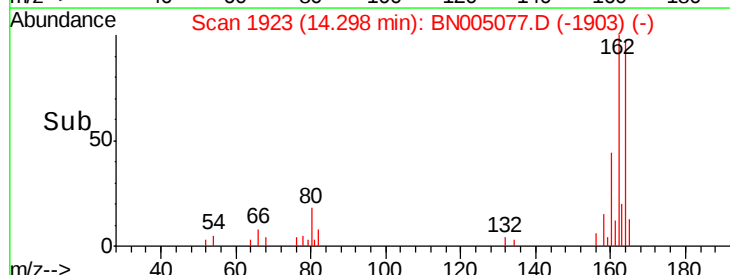
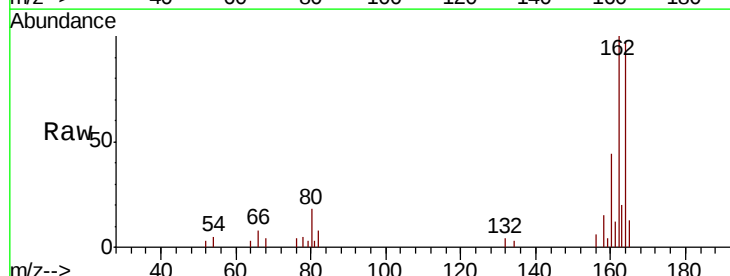
Ion 63.00 (62.70 to 63.70): BNC

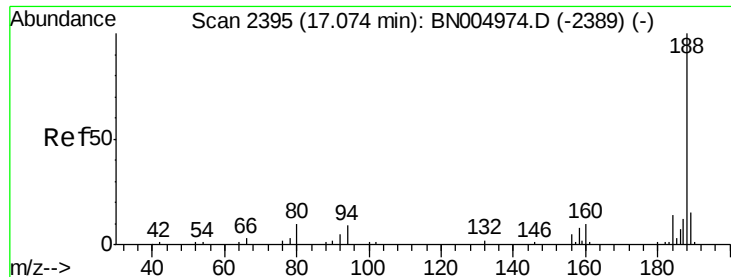
Ion 89.00 (88.70 to 89.70): BNC

Ion 182.00 (181.70 to 182.70): E



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: BN005077.D

Acq: 04 Apr 2019 00:51

Instrument :

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SU-03-040219-B

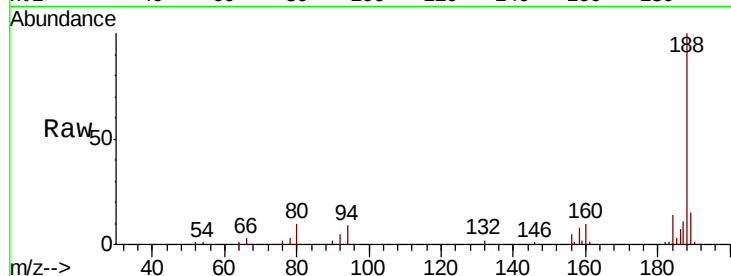
Tgt Ion:188 Resp: 40191

Ion Ratio Lower Upper

188 100

94 8.6 7.2 10.8

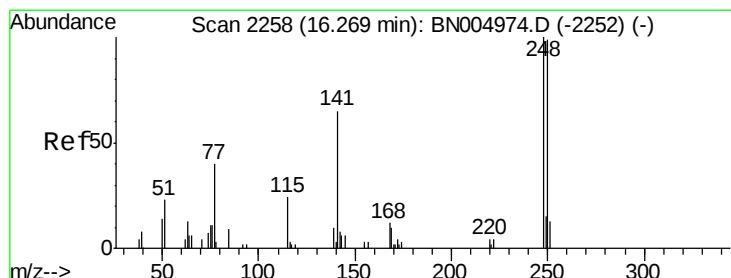
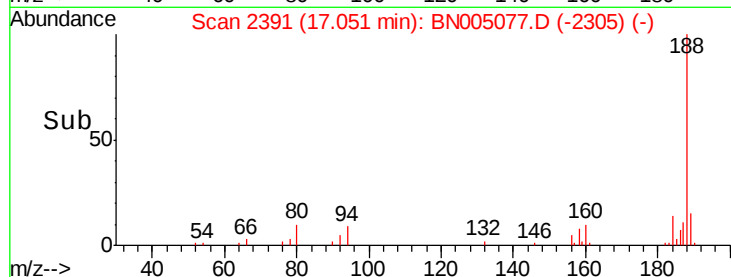
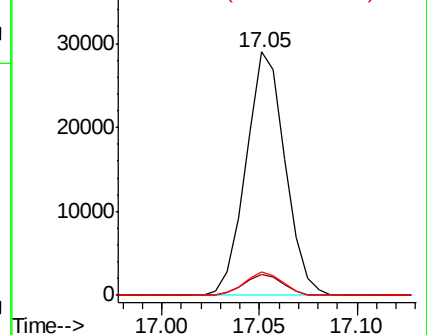
80 9.8 7.8 11.6



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: 5.651 ng

RT: 15.80 min Scan# 2178

Delta R.T. -0.47 min

Lab File: BN005077.D

Acq: 04 Apr 2019 00:51

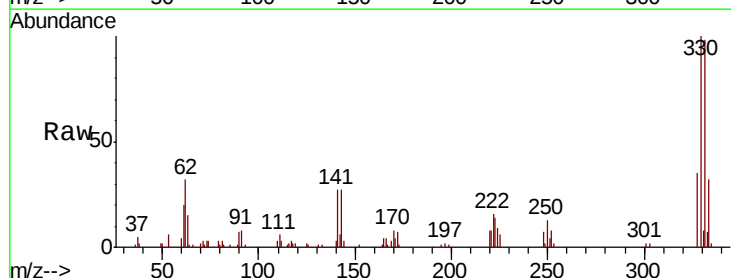
Tgt Ion:248 Resp: 2834

Ion Ratio Lower Upper

248 100

250 201.4 79.4 119.2#

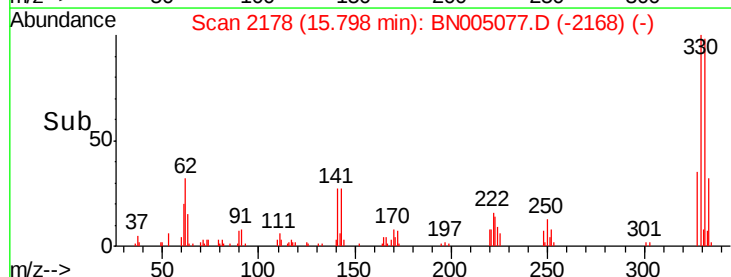
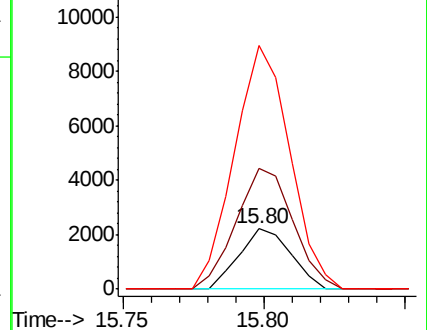
141 404.5 52.3 78.5#

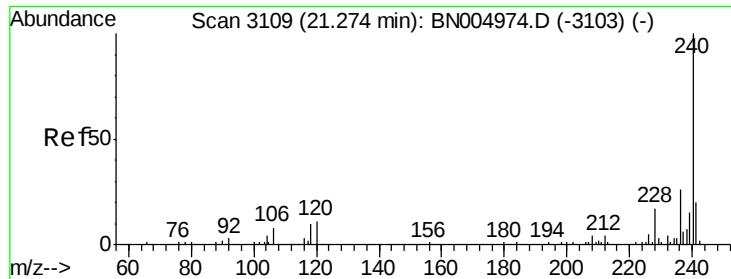


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

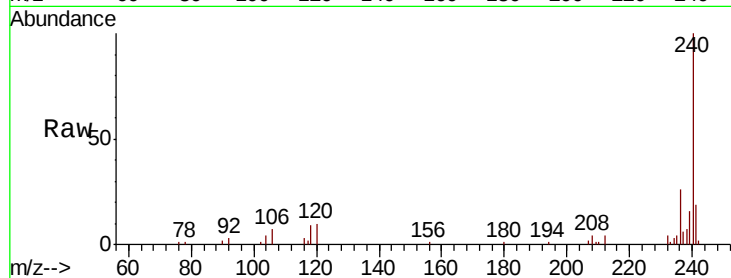




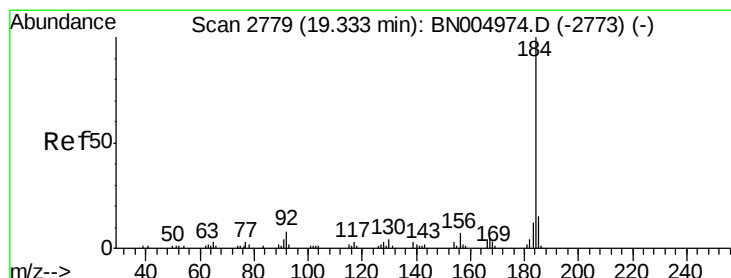
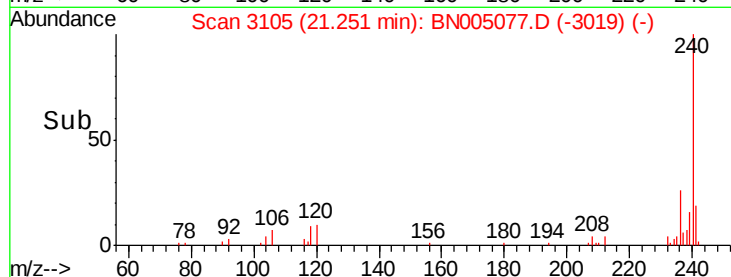
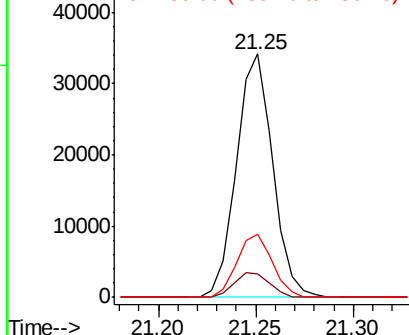
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.02 min
Lab File: BN005077.D
Acq: 04 Apr 2019 00:51

Instrument :
BNA_N
ClientSampleId :
SU-03-040219-B

Tgt Ion: 240 Resp: 43877
Ion Ratio Lower Upper
240 100
120 9.7 8.5 12.7
236 26.2 21.2 31.8

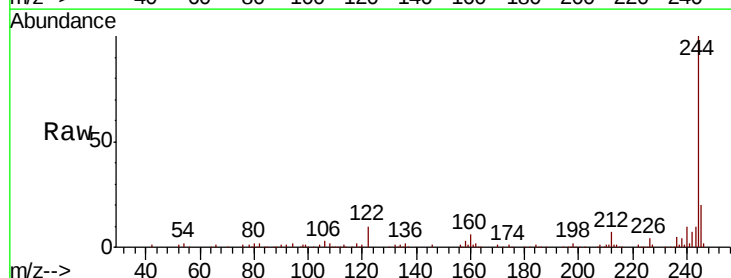


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

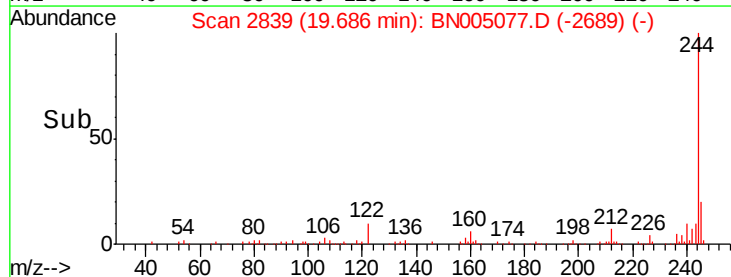
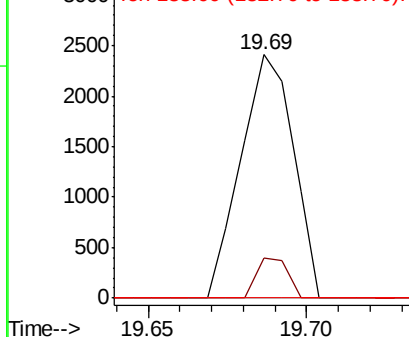


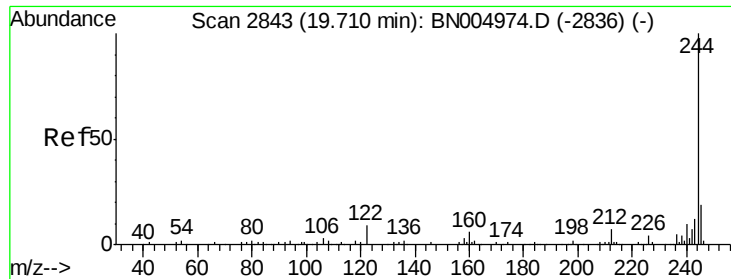
#77
Benzidine
Concen: 2.030 ng
RT: 19.69 min Scan# 2839
Delta R.T. 0.35 min
Lab File: BN005077.D
Acq: 04 Apr 2019 00:51

Tgt Ion: 184 Resp: 2776
Ion Ratio Lower Upper
184 100
185 16.5 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: 105.182 ng

RT: 19.69 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BN005077.D

Acq: 04 Apr 2019 00:51

Instrument :

BNA_N

ClientSampleId :

SU-03-040219-B

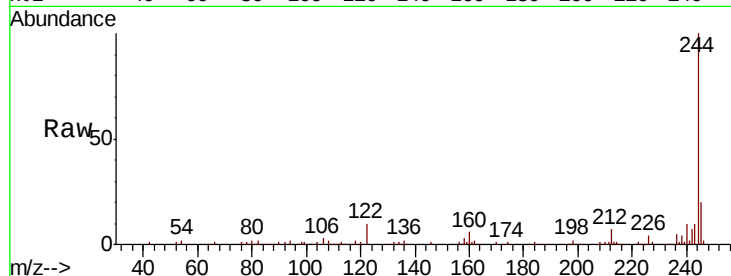
Tgt Ion:244 Resp: 239713

Ion Ratio Lower Upper

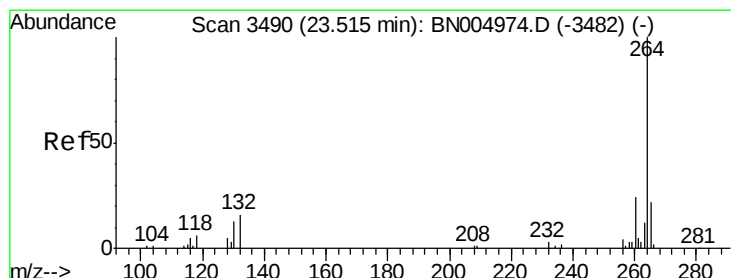
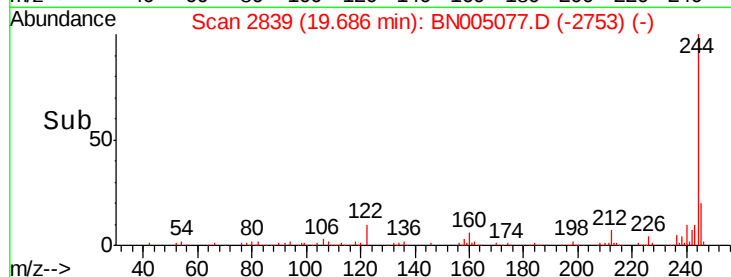
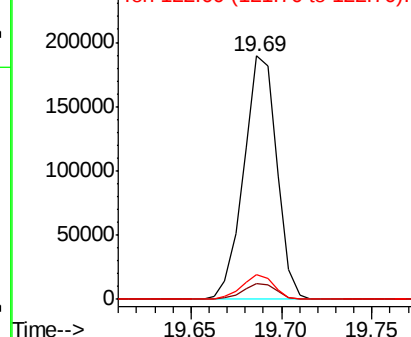
244 100

212 6.6 5.4 8.0

122 10.0 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: 23.47 min Scan# 3483

Delta R.T. -0.04 min

Lab File: BN005077.D

Acq: 04 Apr 2019 00:51

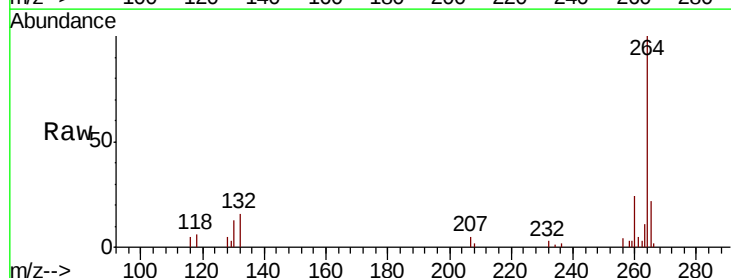
Tgt Ion:264 Resp: 40505

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.4

265 21.7 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

