

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040319\
 Data File : BN005069.D
 Acq On : 03 Apr 2019 20:04
 Operator : JU/SJ
 Sample : K2196-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 HD-01-040119

Quant Time: Apr 04 04:29:30 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

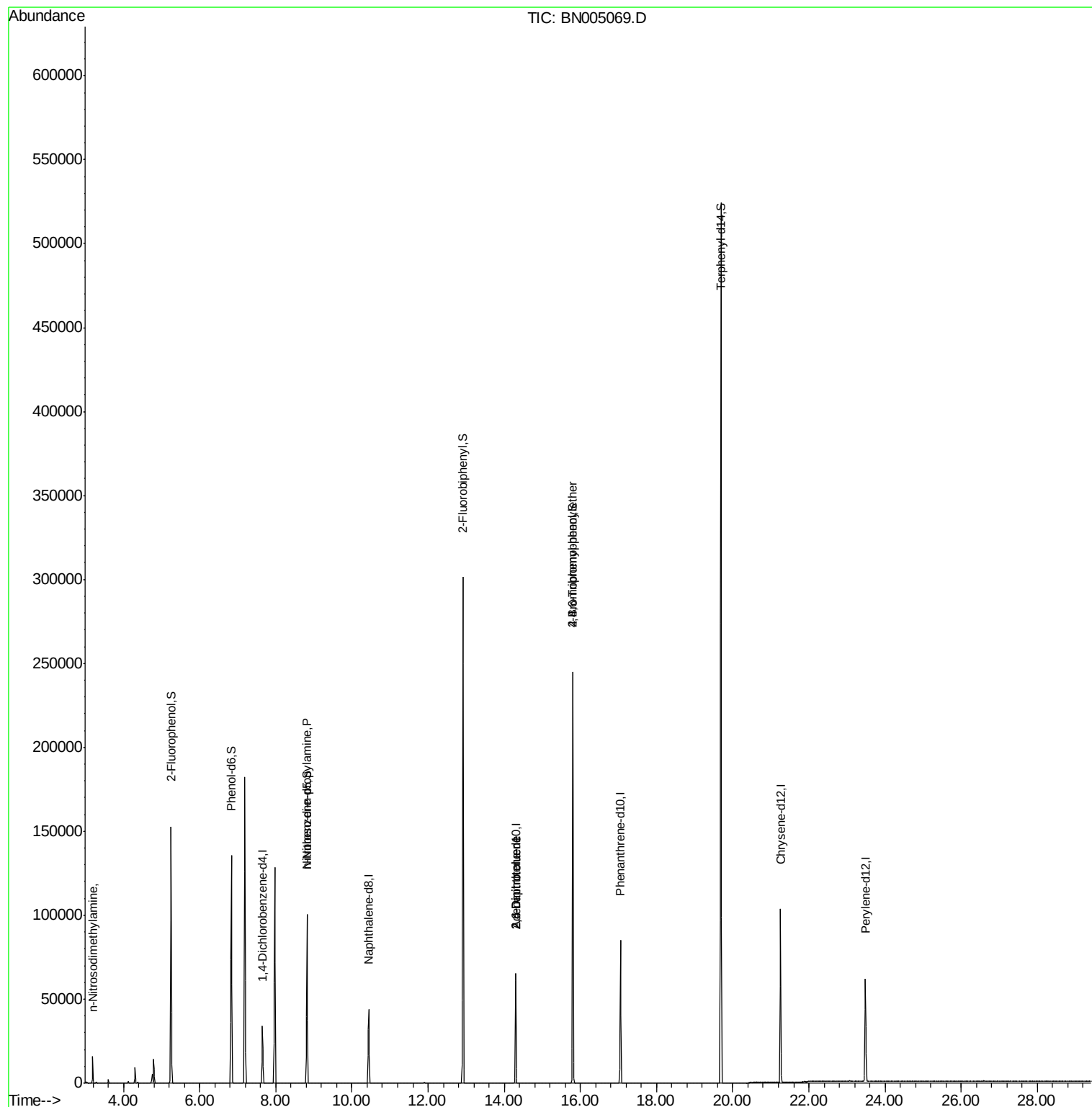
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	10472	20.00	ng	-0.02
21) Naphthalene-d8	10.44	136	41323	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	23607	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	52521	20.00	ng	-0.02
76) Chrysene-d12	21.25	240	53027	20.00	ng	-0.02
87) Perylene-d12	23.49	264	49056	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	71987	118.85	ng	-0.02
7) Phenol-d6	6.83	99	82132	102.23	ng	-0.02
23) Nitrobenzene-d5	8.82	82	59416	86.98	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	58071	152.52	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	155020	87.02	ng	-0.02
79) Terphenyl-d14	19.69	244	261446	94.92	ng	-0.02
Target Compounds						
4) n-Nitrosodimethylamine	3.19	42	825	4.103	ng	# 1
19) n-Nitroso-di-n-propylamine	8.82	70	7586	14.404	ng	# 73
51) 2,6-Dinitrotoluene	14.30	165	2879	6.523	ng	# 29
57) 2,4-Dinitrotoluene	14.30	165	2879	4.800	ng	# 27
67) 4-Bromophenyl-phenylether	15.80	248	3418	5.215	ng	# 1

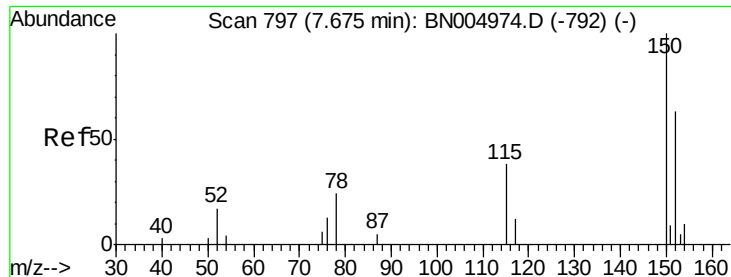
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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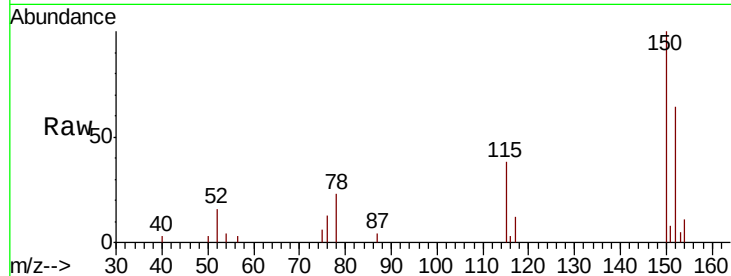


#1

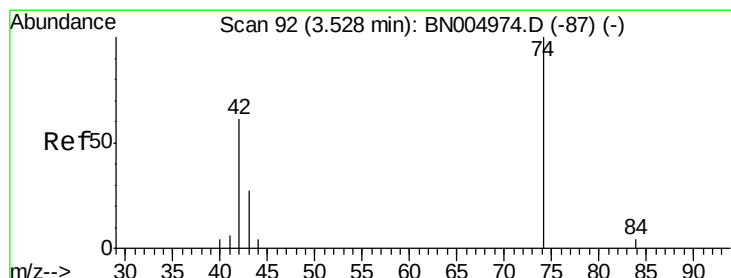
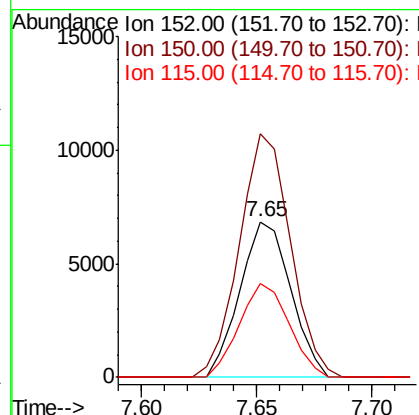
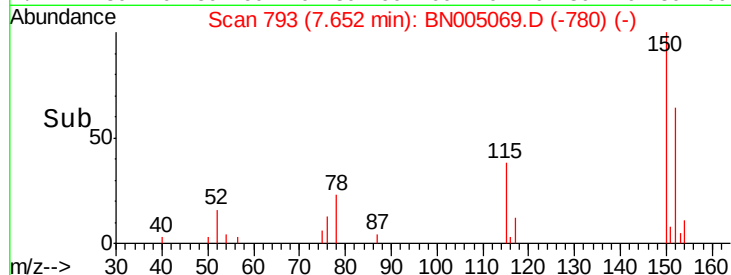
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BN005069.D
Acq: 03 Apr 2019 20:04

Instrument :
BNA_N
ClientSampleId :
HD-01-040119

Tgt Ion: 152 Resp: 10472
Ion Ratio Lower Upper
152 100
150 156.7 126.9 190.3
115 60.1 47.8 71.6



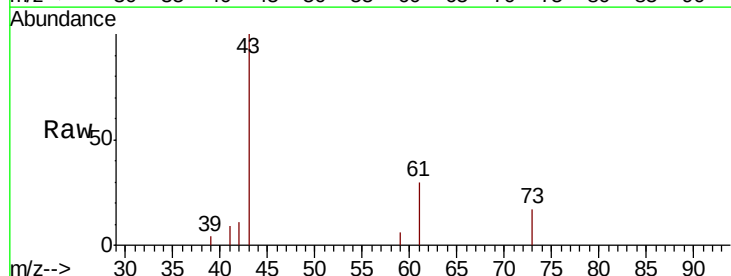
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



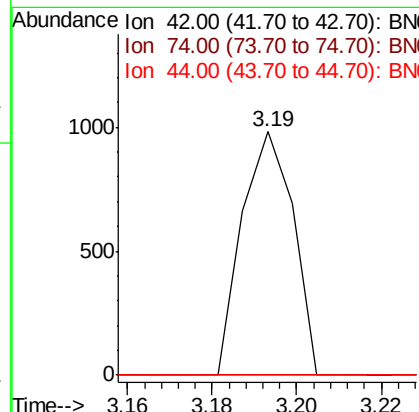
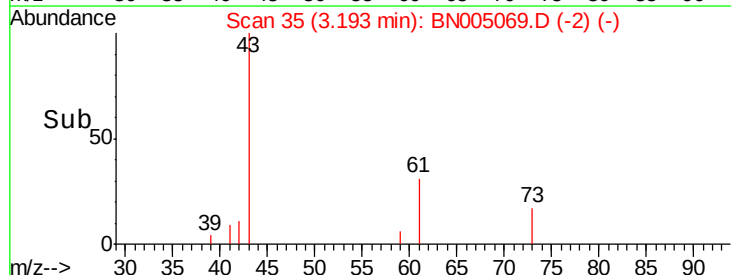
#4

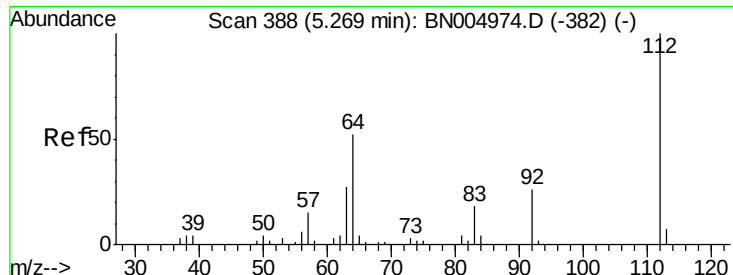
n-Nitrosodimethylamine
Concen: 4.103 ng
RT: 3.19 min Scan# 35
Delta R.T. -0.33 min
Lab File: BN005069.D
Acq: 03 Apr 2019 20:04

Tgt Ion: 42 Resp: 825
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: 118.849 ng

RT: 5.25 min Scan# 385

Delta R.T. -0.02 min

Lab File: BN005069.D

Acq: 03 Apr 2019 20:04

Instrument :

BNA_N

ClientSampleId :

HD-01-040119

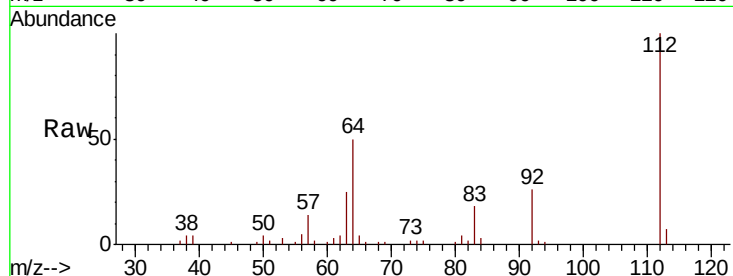
Tgt Ion: 112 Resp: 71987

Ion Ratio Lower Upper

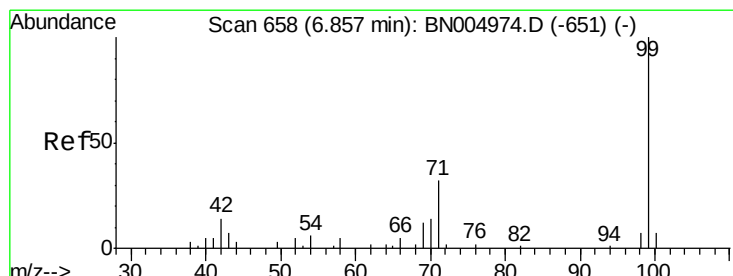
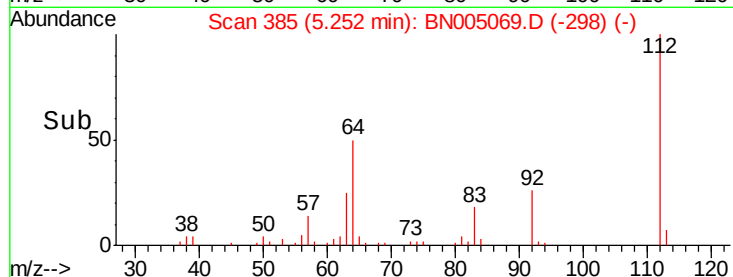
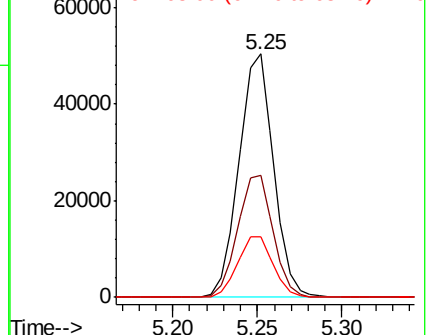
112 100

64 49.9 41.9 62.9

63 25.0 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: 102.234 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.02 min

Lab File: BN005069.D

Acq: 03 Apr 2019 20:04

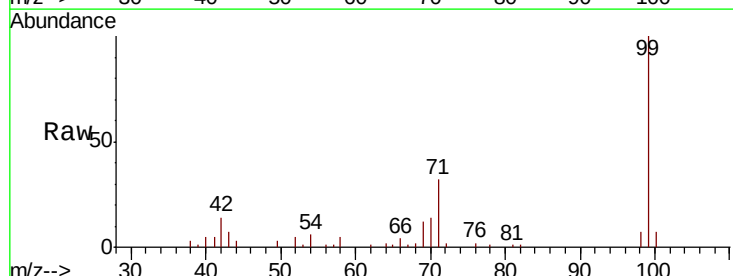
Tgt Ion: 99 Resp: 82132

Ion Ratio Lower Upper

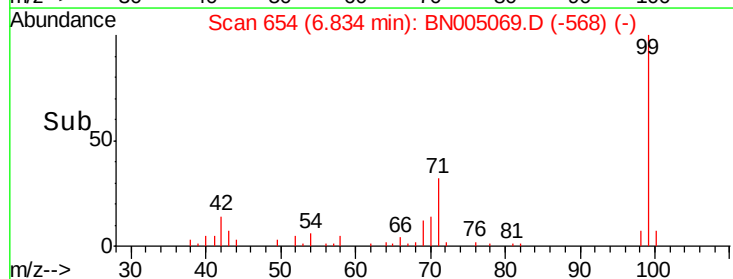
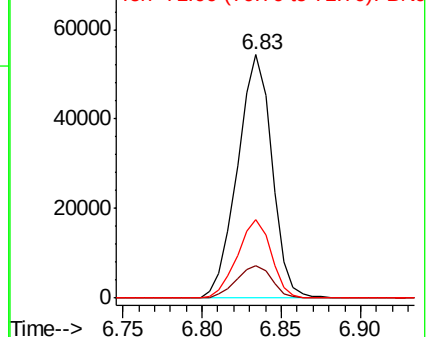
99 100

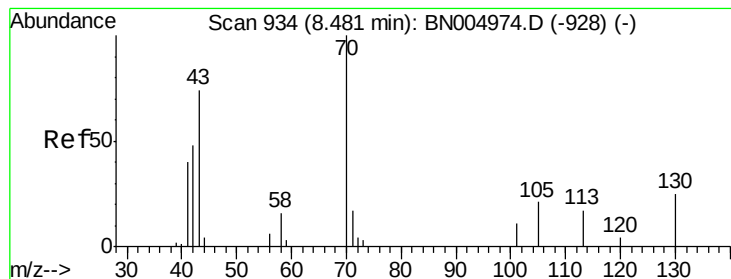
42 13.6 11.4 17.0

71 32.1 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: 14.404 ng

RT: 8.82 min Scan# 992

Delta R.T. 0.34 min

Lab File: BN005069.D

Acq: 03 Apr 2019 20:04

Instrument :

BNA_N

ClientSampleId :

HD-01-040119

Tgt Ion: 70 Resp: 7586

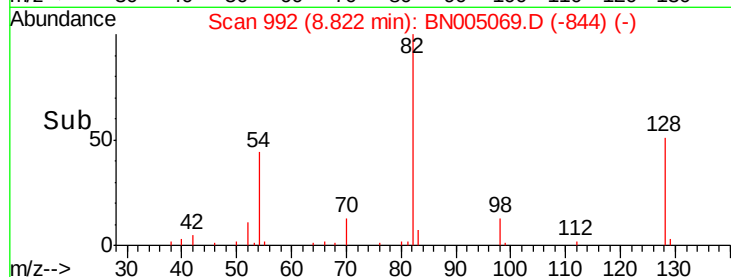
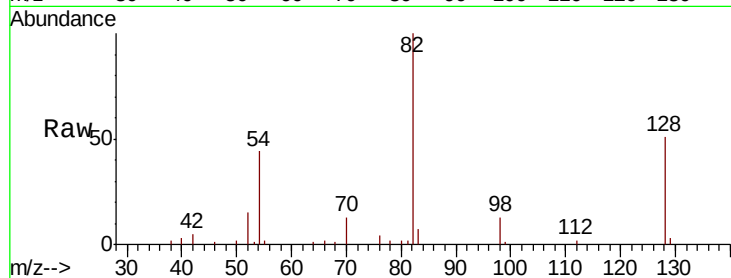
Ion Ratio Lower Upper

70 100

42 38.2 38.4 57.6#

101 0.0 8.8 13.2#

130 0.0 19.8 29.8#

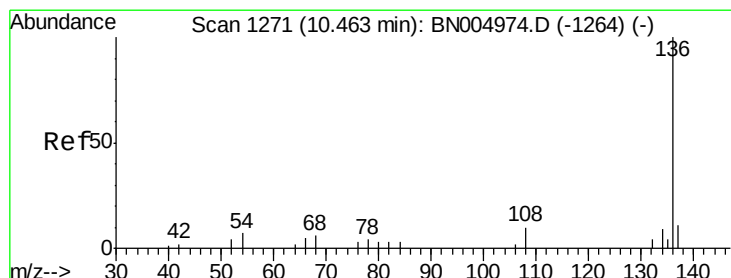
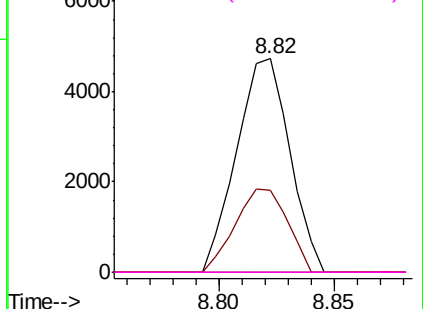


Abundance Ion 70.00 (69.70 to 70.70): BN0

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: 20.000 ng

RT: 10.44 min Scan# 1267

Delta R.T. -0.02 min

Lab File: BN005069.D

Acq: 03 Apr 2019 20:04

Tgt Ion: 136 Resp: 41323

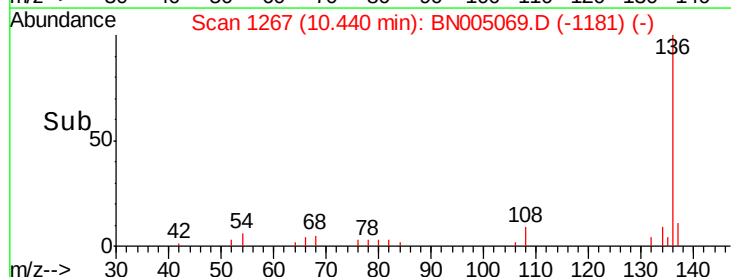
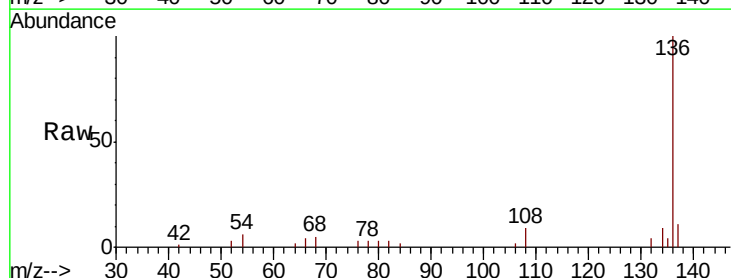
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 6.1 5.3 7.9

68 5.1 4.6 6.8

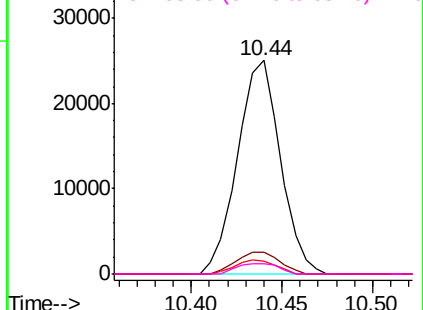


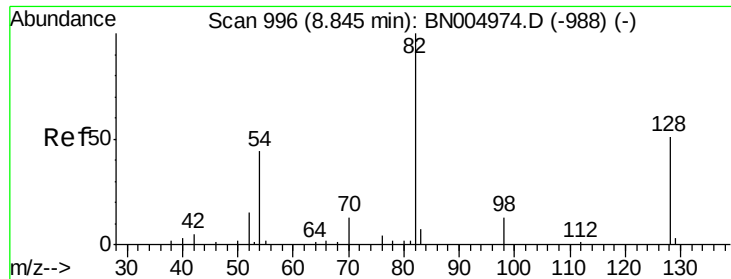
Abundance Ion 136.00 (135.70 to 136.70): E

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

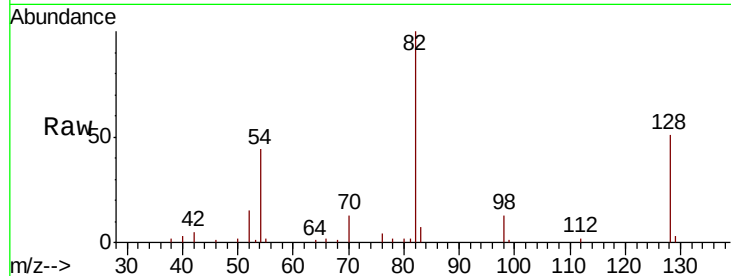




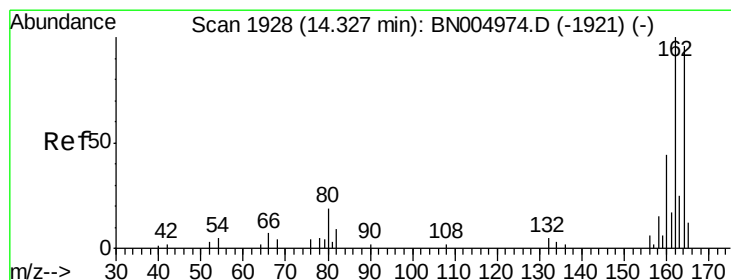
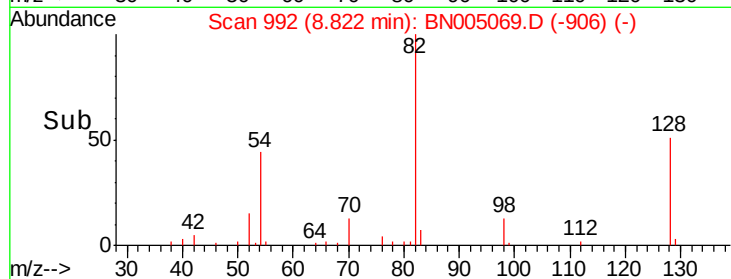
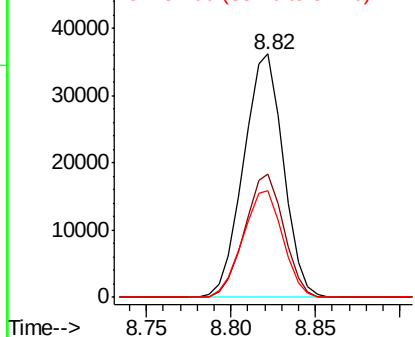
#23
 Nitrobenzene-d5
 Concen: 86.977 ng
 RT: 8.82 min Scan# 992
 Delta R.T. -0.02 min
 Lab File: BN005069.D
 Acq: 03 Apr 2019 20:04

Instrument :
 BNA_N
 ClientSampleId :
 HD-01-040119

Tgt Ion: 82 Resp: 59416
 Ion Ratio Lower Upper
 82 100
 128 50.6 40.6 60.8
 54 43.6 35.2 52.8

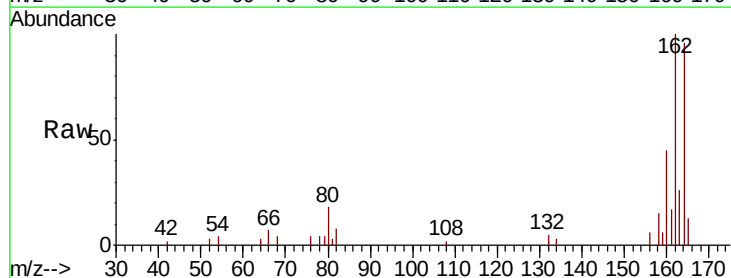


Abundance Ion 82.00 (81.70 to 82.70): BN0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BN0

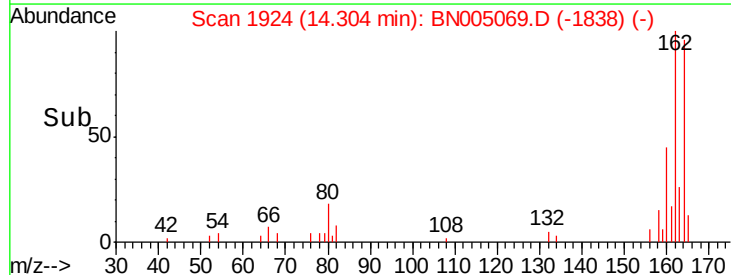
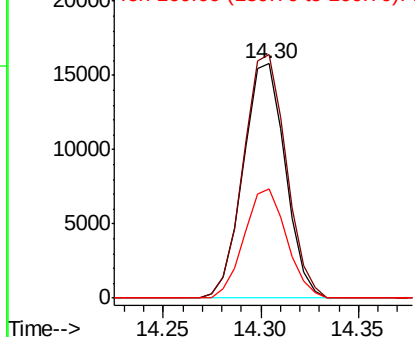


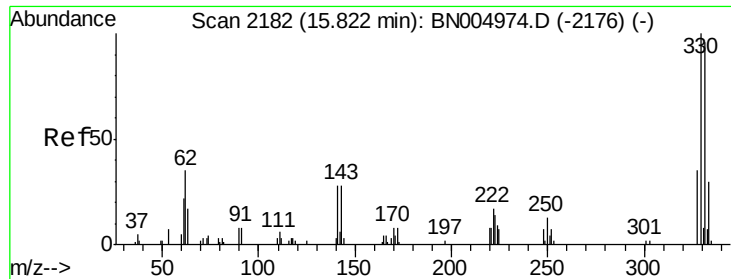
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.30 min Scan# 1924
 Delta R.T. -0.02 min
 Lab File: BN005069.D
 Acq: 03 Apr 2019 20:04

Tgt Ion: 164 Resp: 23607
 Ion Ratio Lower Upper
 164 100
 162 103.8 83.4 125.0
 160 46.4 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: 152.523 ng

RT: 15.80 min Scan# 2179

Delta R.T. -0.02 min

Lab File: BN005069.D

Acq: 03 Apr 2019 20:04

Instrument :

BNA_N

ClientSampleId :

HD-01-040119

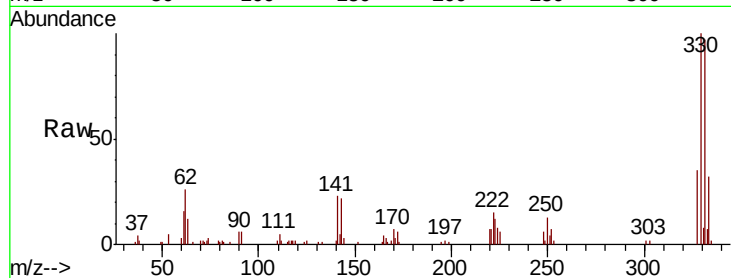
Tgt Ion:330 Resp: 58071

Ion Ratio Lower Upper

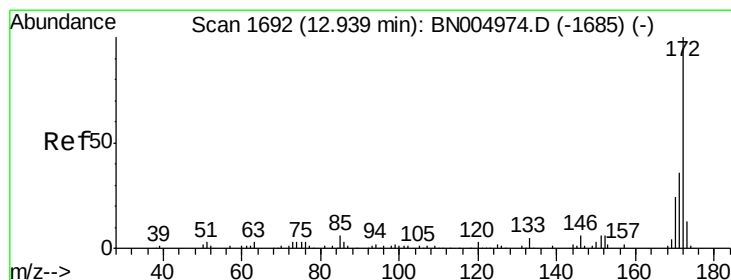
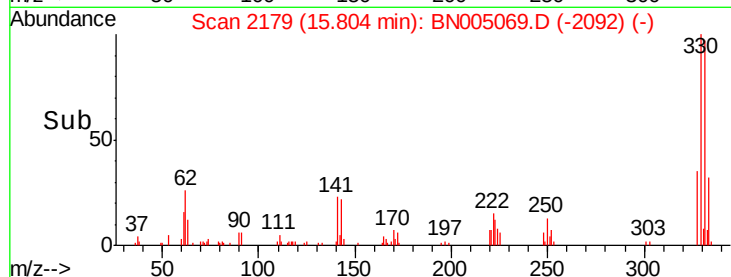
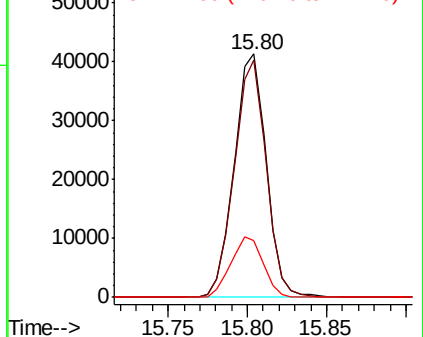
330 100

332 96.5 77.4 116.0

141 24.9 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: 87.017 ng

RT: 12.92 min Scan# 1688

Delta R.T. -0.02 min

Lab File: BN005069.D

Acq: 03 Apr 2019 20:04

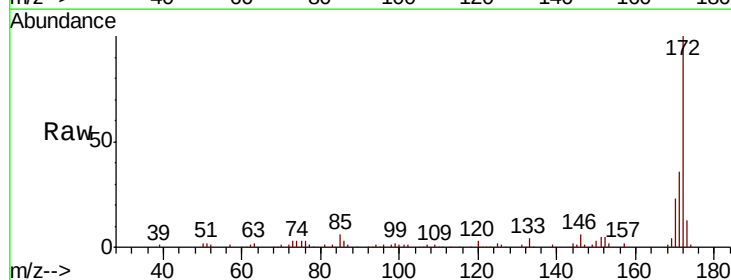
Tgt Ion:172 Resp: 155020

Ion Ratio Lower Upper

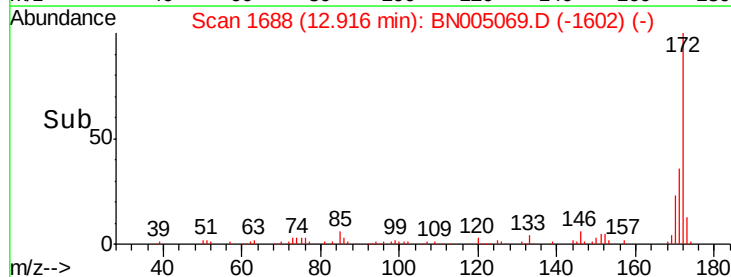
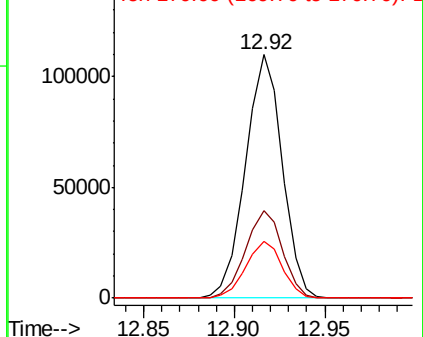
172 100

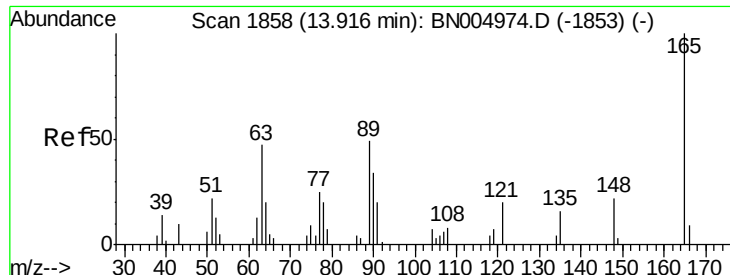
171 36.1 28.6 42.8

170 23.4 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

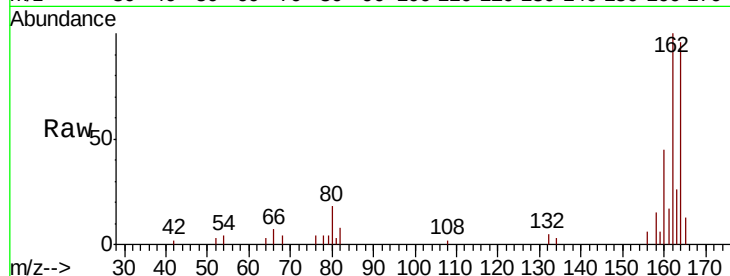




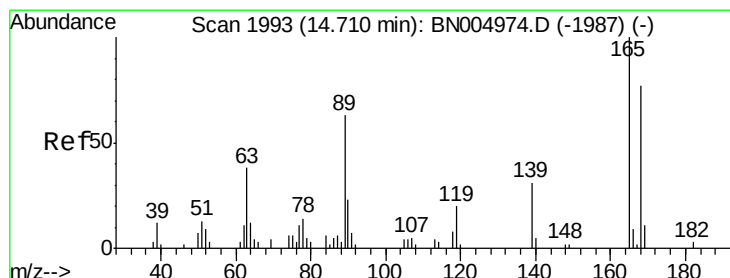
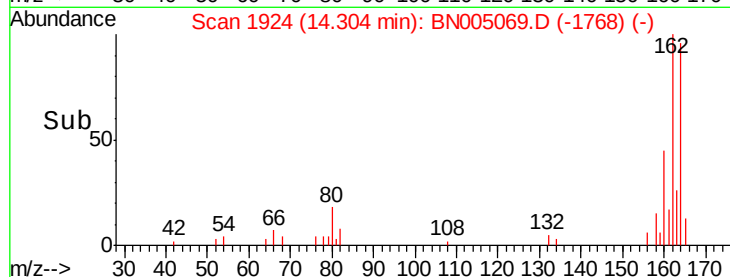
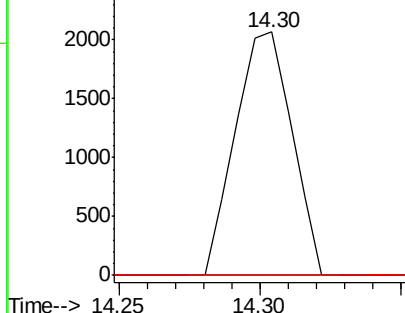
#51
 2,6-Dinitrotoluene
 Concen: 6.523 ng
 RT: 14.30 min Scan# 1924
 Delta R.T. 0.39 min
 Lab File: BN005069.D
 Acq: 03 Apr 2019 20:04

Instrument :
 BNA_N
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Tgt Ion:165 Resp: 2879
 Ion Ratio Lower Upper
 165 100
 63 0.0 37.3 55.9#
 89 0.0 39.2 58.8#

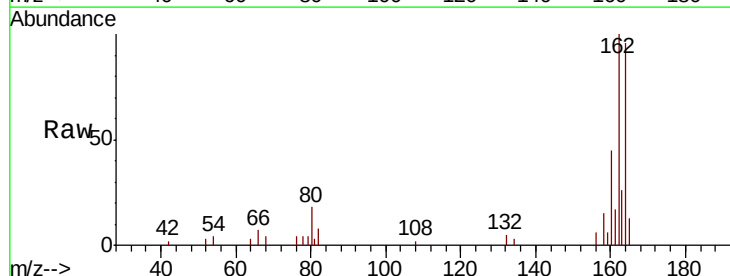


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 89.00 (88.70 to 89.70): BNC

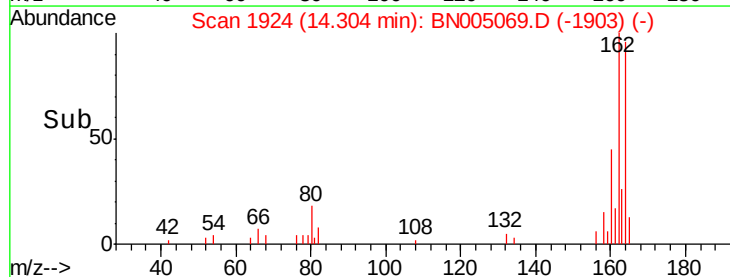
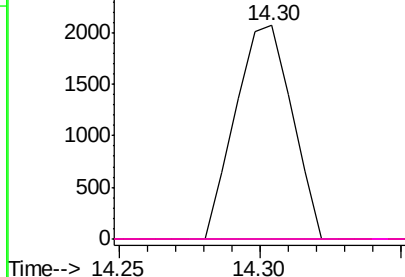


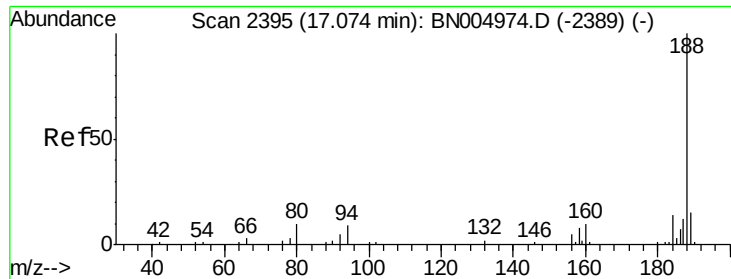
#57
 2,4-Dinitrotoluene
 Concen: 4.800 ng
 RT: 14.30 min Scan# 1924
 Delta R.T. -0.41 min
 Lab File: BN005069.D
 Acq: 03 Apr 2019 20:04

Tgt Ion:165 Resp: 2879
 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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.05 min Scan# 2391

Delta R.T. -0.02 min

Lab File: BN005069.D

Acq: 03 Apr 2019 20:04

Instrument :

BNA_N

ClientSampleId :

HD-01-040119

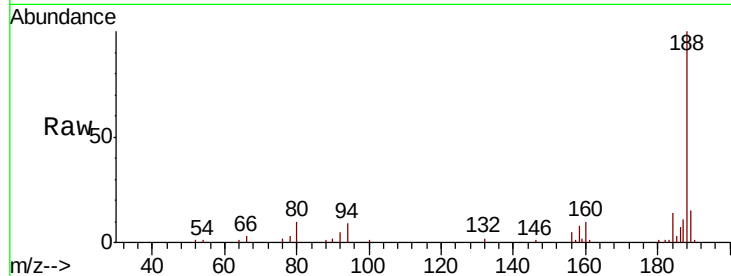
Tgt Ion:188 Resp: 52521

Ion Ratio Lower Upper

188 100

94 8.9 7.2 10.8

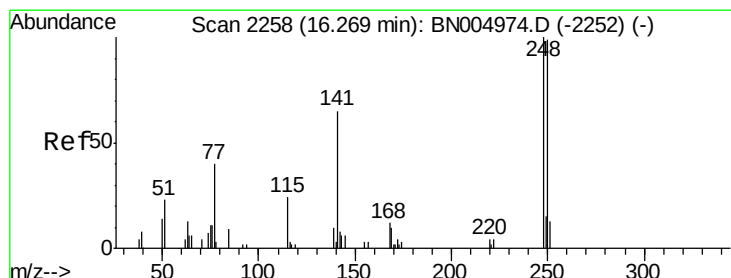
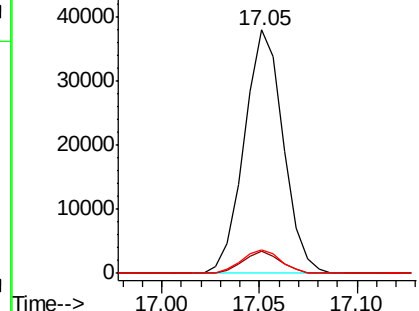
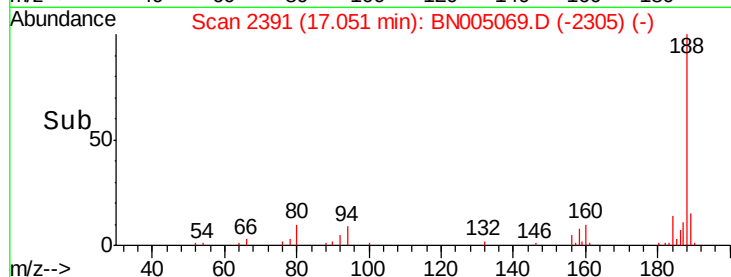
80 9.7 7.8 11.6



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: 5.215 ng

RT: 15.80 min Scan# 2179

Delta R.T. -0.46 min

Lab File: BN005069.D

Acq: 03 Apr 2019 20:04

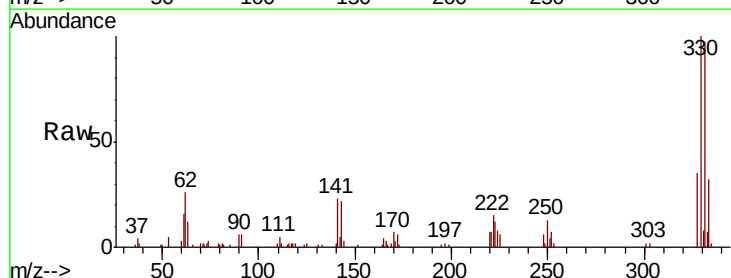
Tgt Ion:248 Resp: 3418

Ion Ratio Lower Upper

248 100

250 207.2 79.4 119.2#

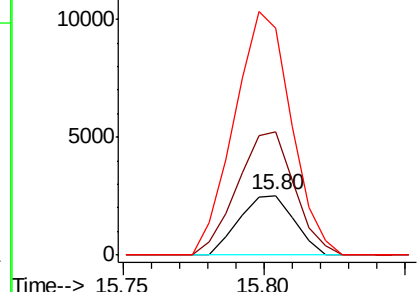
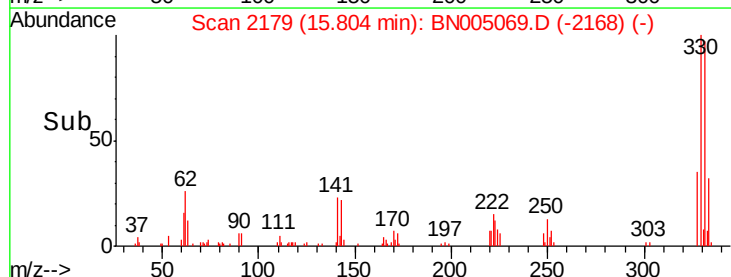
141 382.4 52.3 78.5#

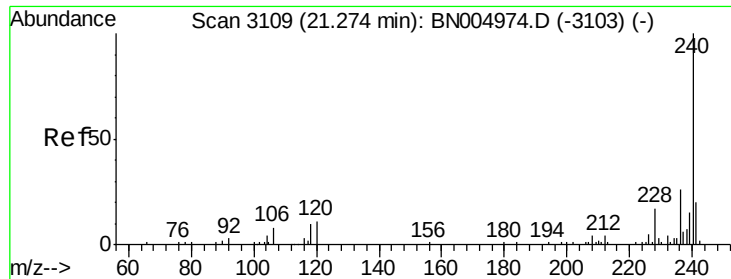


Abundance Ion 248.00 (247.70 to 248.70): E

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: BN005069.D

Acq: 03 Apr 2019 20:04

Instrument :

BNA_N

ClientSampleId :

HD-01-040119

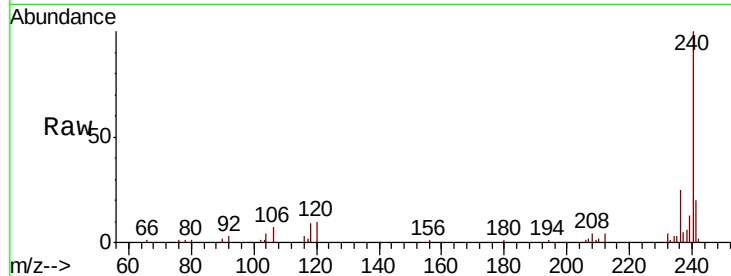
Tgt Ion:240 Resp: 53027

Ion Ratio Lower Upper

240 100

120 10.4 8.5 12.7

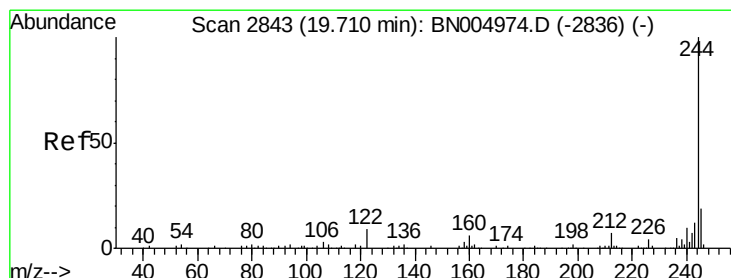
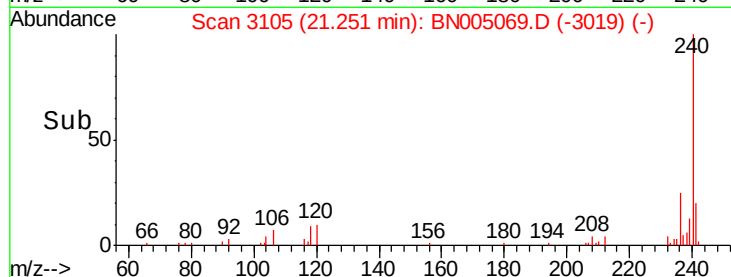
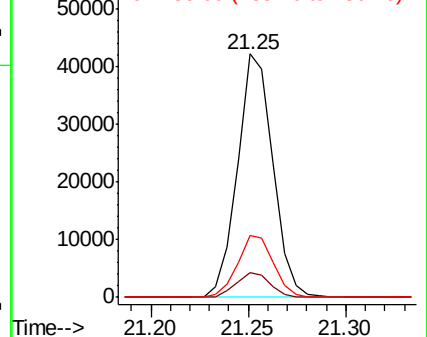
236 25.2 21.2 31.8



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



#79

Terphenyl-d14

Concen: 94.923 ng

RT: 19.69 min Scan# 2840

Delta R.T. -0.02 min

Lab File: BN005069.D

Acq: 03 Apr 2019 20:04

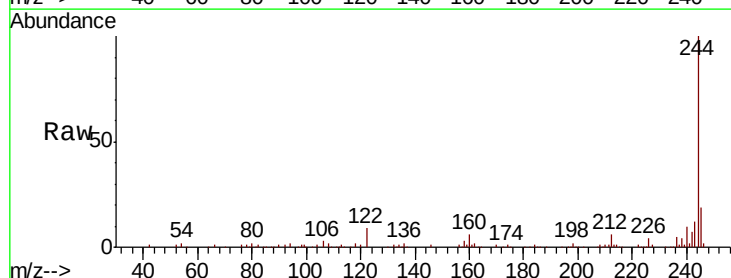
Tgt Ion:244 Resp: 261446

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

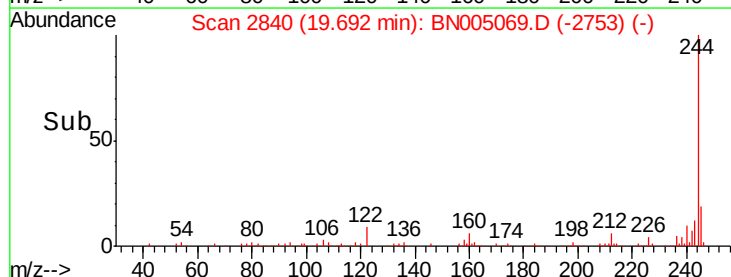
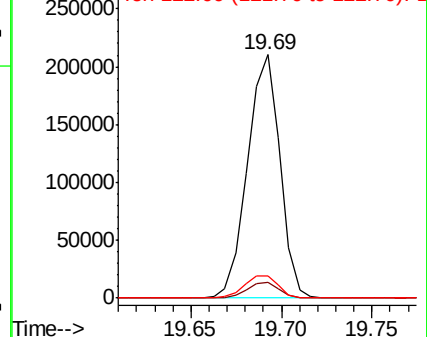
122 9.2 7.4 11.2

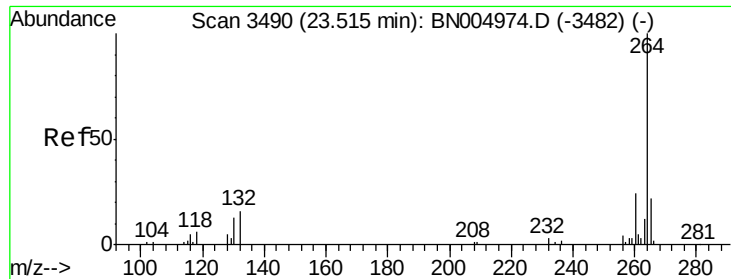


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

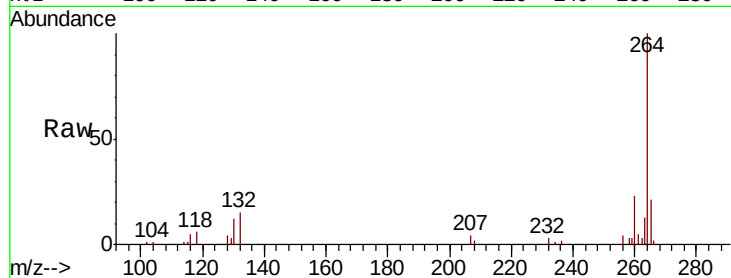




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.49 min Scan# 3485
Delta R.T. -0.03 min
Lab File: BN005069.D
Acq: 03 Apr 2019 20:04

Instrument :
BNA_N
ClientSampleId :
HD-01-040119

Tgt Ion:	264	Resp:	49056
Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.0	28.4
265	21.2	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

