

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041019\
 Data File : BN005140.D
 Acq On : 10 Apr 2019 22:28
 Operator : JU/SJ
 Sample : K2203-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 11 07:34:02 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

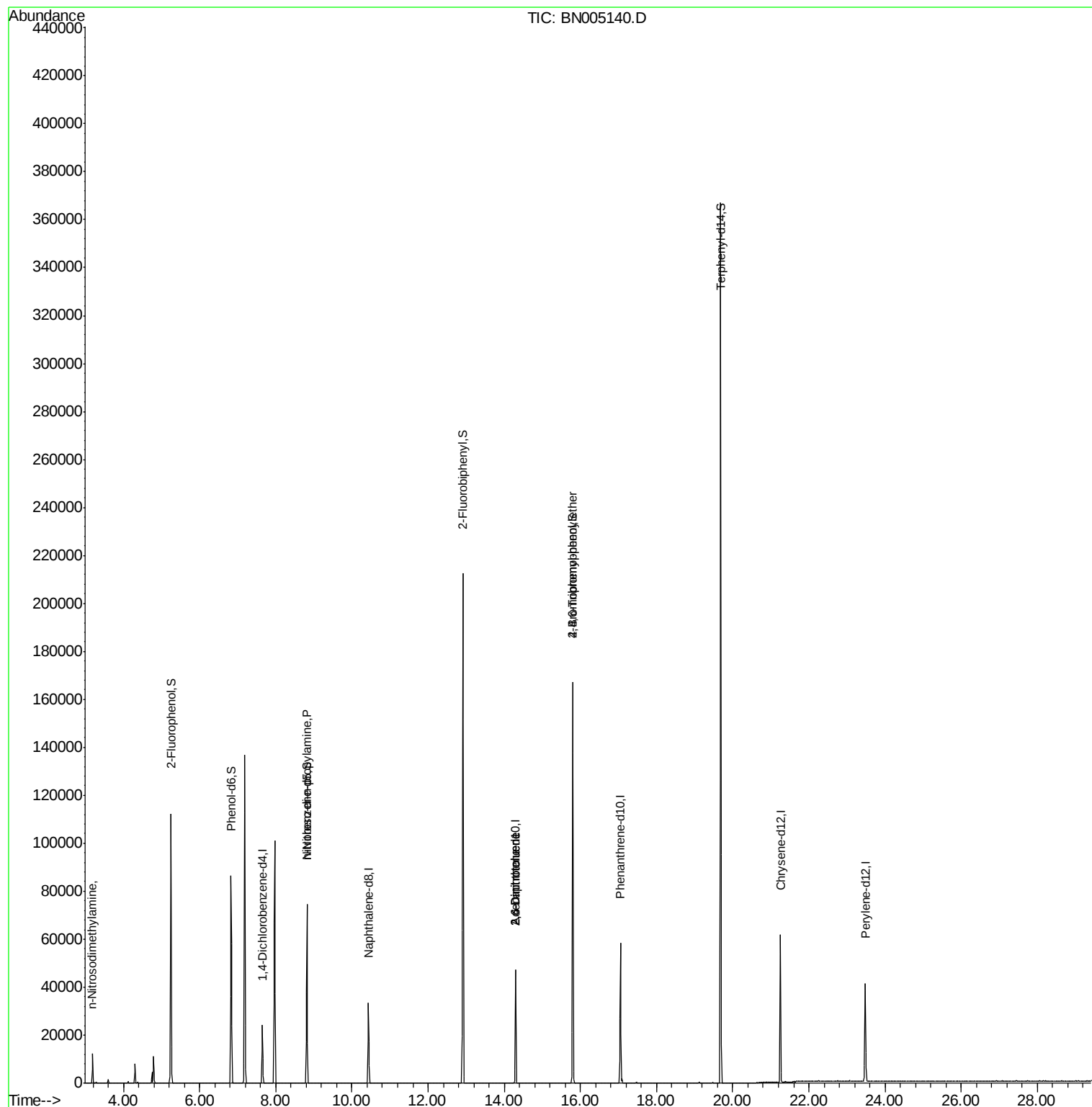
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	7865	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	31262	20.00	ng	-0.03
39) Acenaphthene-d10	14.30	164	17482	20.00	ng	-0.03
64) Phenanthrene-d10	17.05	188	37045	20.00	ng	-0.02
76) Chrysene-d12	21.25	240	32428	20.00	ng	-0.02
87) Perylene-d12	23.48	264	34101	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	51856	113.99	ng	-0.02
7) Phenol-d6	6.83	99	56572	93.76	ng	-0.02
23) Nitrobenzene-d5	8.82	82	43152	83.50	ng	-0.03
42) 2,4,6-Tribromophenol	15.80	330	39340	139.53	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	119433	90.53	ng	-0.02
79) Terphenyl-d14	19.69	244	175309	104.08	ng	-0.02
Target Compounds						
4) n-Nitrosodimethylamine	3.19	42	780	5.165	ng	# 1
19) n-Nitroso-di-n-propylamine	8.82	70	5507	13.923	ng	# 73
51) 2,6-Dinitrotoluene	14.30	165	2012	6.156	ng	# 29
57) 2,4-Dinitrotoluene	14.30	165	2012	4.530	ng	# 27
67) 4-Bromophenyl-phenylether	15.80	248	2150	4.651	ng	# 1

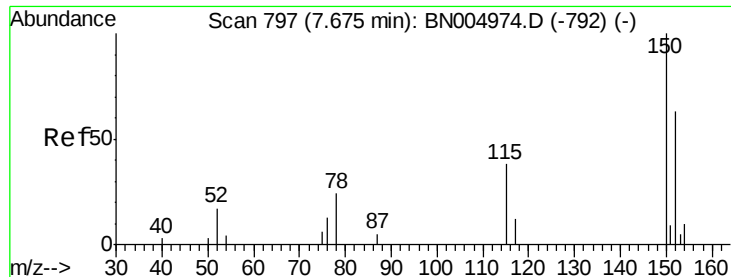
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_N
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Quant Time: Apr 11 07:34:02 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
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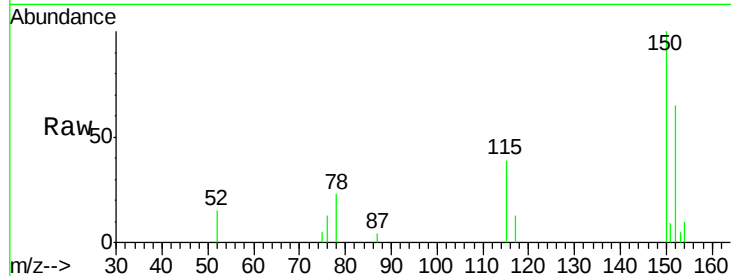


#1

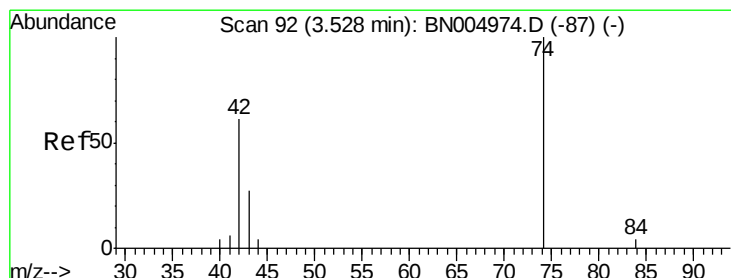
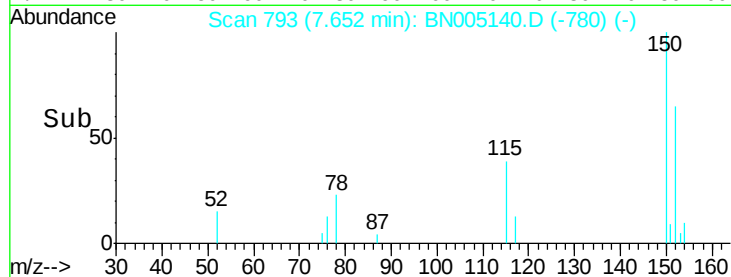
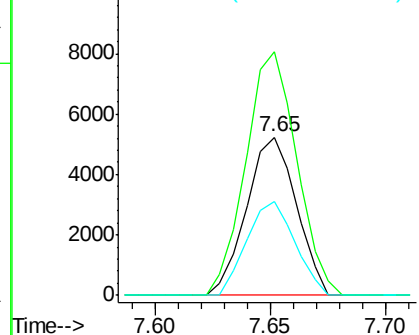
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BN005140.D
Acq: 10 Apr 2019 22:28

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 7865
Ion Ratio Lower Upper
152 100
150 153.8 126.9 190.3
115 59.4 47.8 71.6



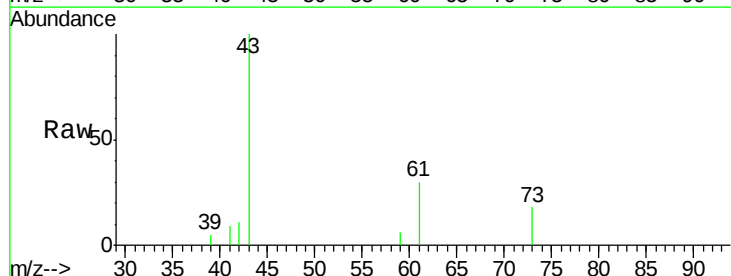
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



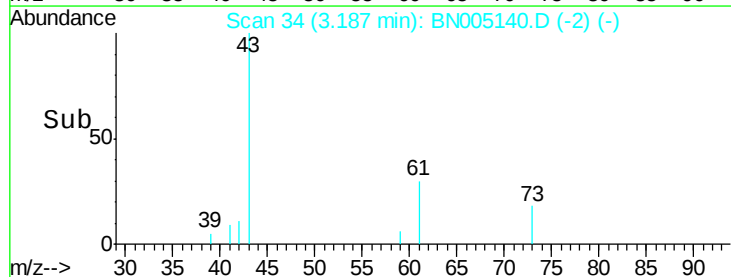
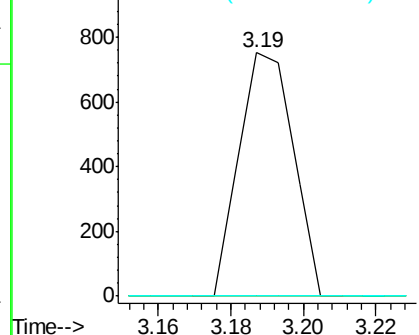
#4

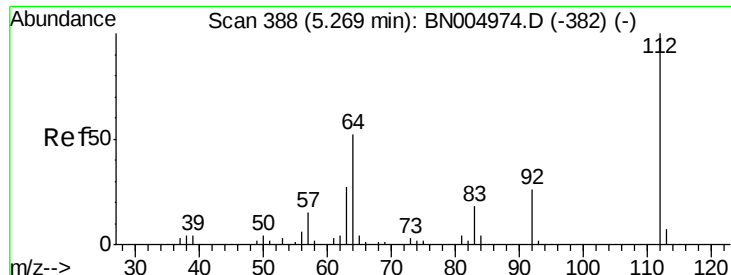
n-Nitrosodimethylamine
Concen: 5.165 ng
RT: 3.19 min Scan# 34
Delta R.T. -0.34 min
Lab File: BN005140.D
Acq: 10 Apr 2019 22:28

Tgt Ion: 42 Resp: 780
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: 113.991 ng

RT: 5.25 min Scan# 384

Delta R.T. -0.02 min

Lab File: BN005140.D

Acq: 10 Apr 2019 22:28

Instrument :

BNA_N

ClientSampled :

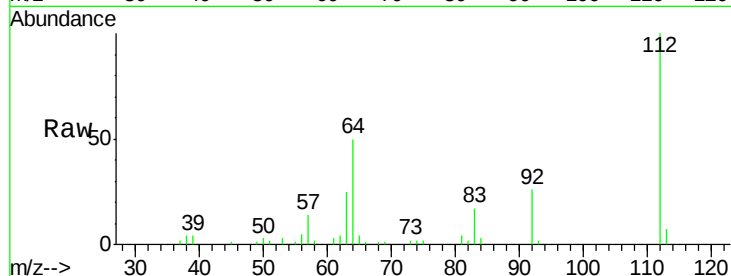
Tot Ion:112 Resp: 51856

Ion Ratio Lower Upper

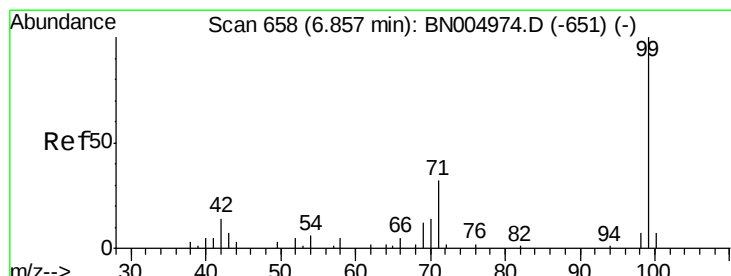
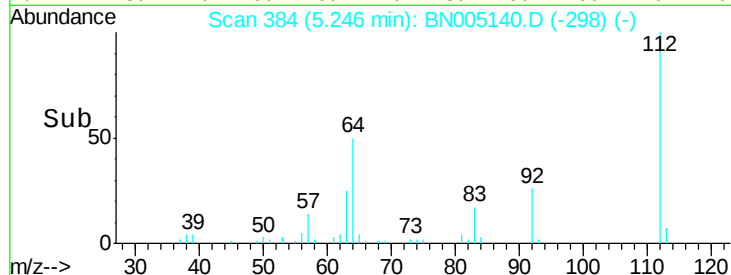
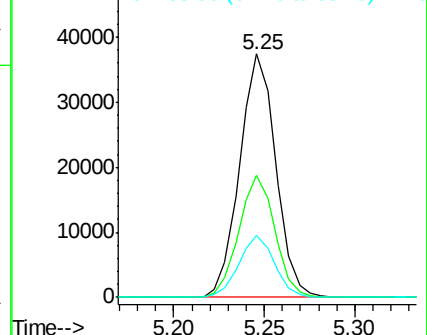
112 100

64 50.0 41.9 62.9

63 25.2 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: 93.760 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.02 min

Lab File: BN005140.D

Acq: 10 Apr 2019 22:28

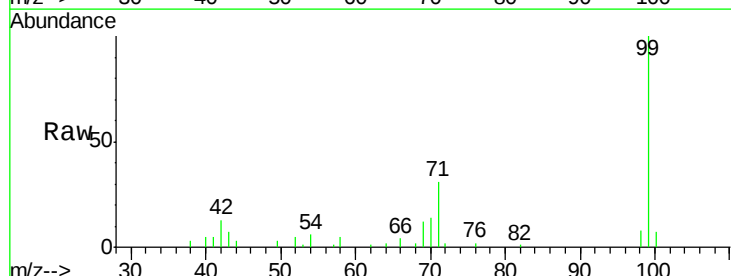
Tgt Ion: 99 Resp: 56572

Ion Ratio Lower Upper

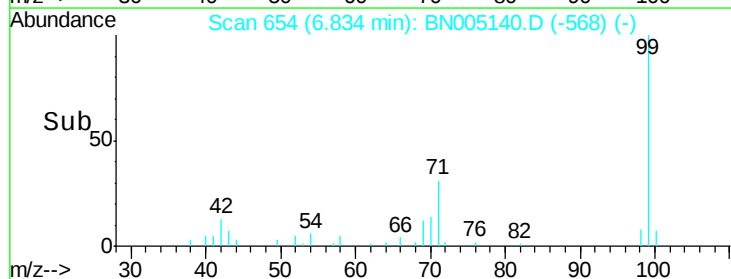
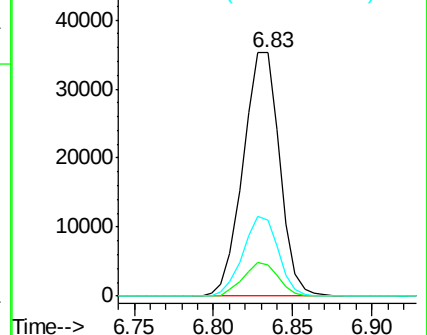
99 100

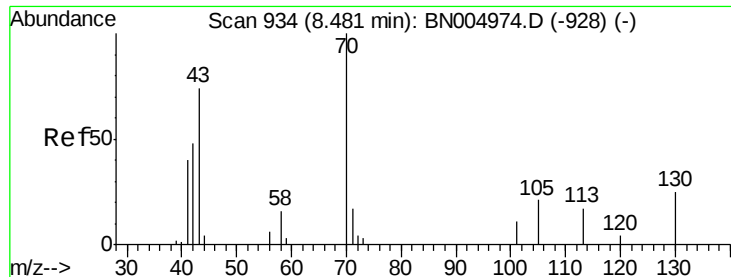
42 13.0 11.4 17.0

71 31.2 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

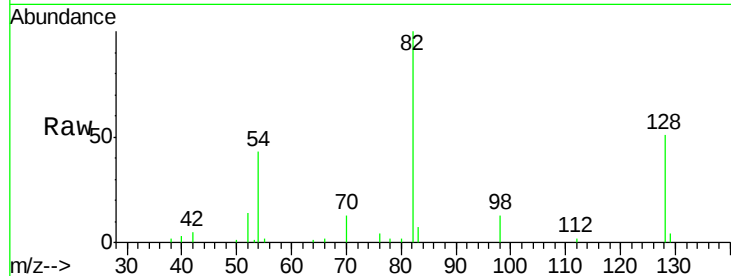




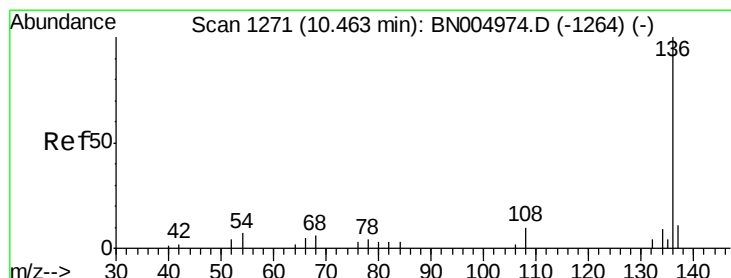
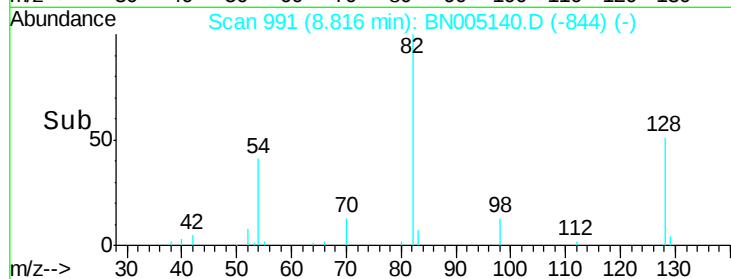
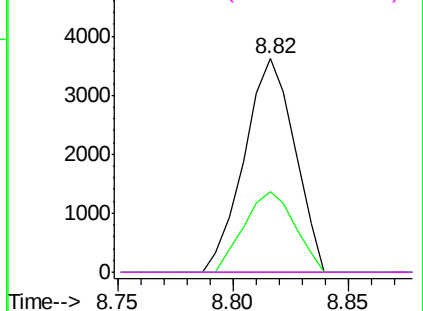
#19
n-Nitroso-di-n-propylamine
Concen: 13.923 ng
RT: 8.82 min Scan# 991
Delta R.T. 0.34 min
Lab File: BN005140.D
Acq: 10 Apr 2019 22:28

Instrument :
BNA_N
ClientSampleId :

Tot Ion: 70 Resp: 5507
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#



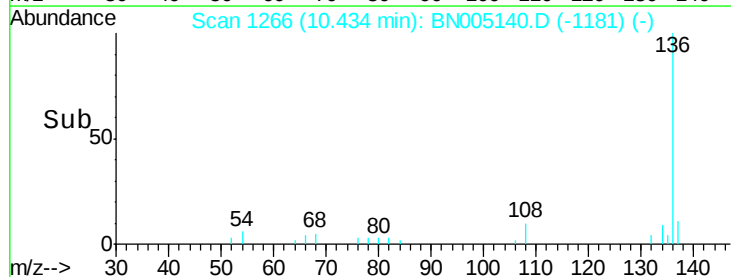
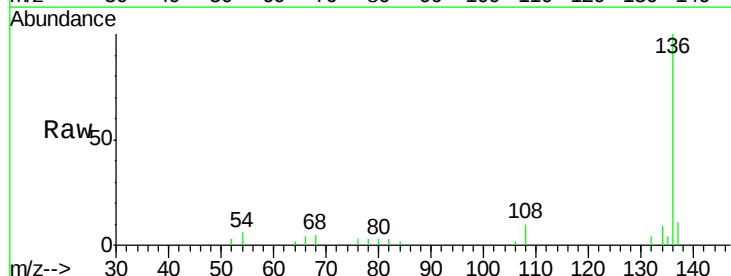
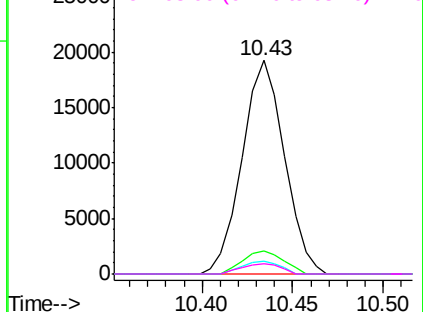
Abundance Ion 70.00 (69.70 to 70.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

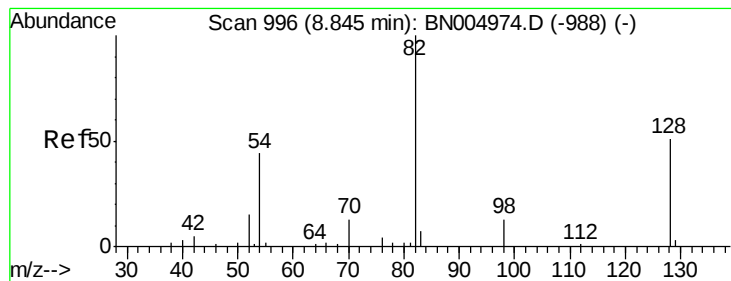


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.03 min
Lab File: BN005140.D
Acq: 10 Apr 2019 22:28

Tgt Ion:136 Resp: 31262
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 5.9 5.3 7.9
68 5.0 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: 83.498 ng

RT: 8.82 min Scan# 991

Delta R.T. -0.03 min

Lab File: BN005140.D

Acq: 10 Apr 2019 22:28

Instrument :

BNA_N

ClientSampleId :

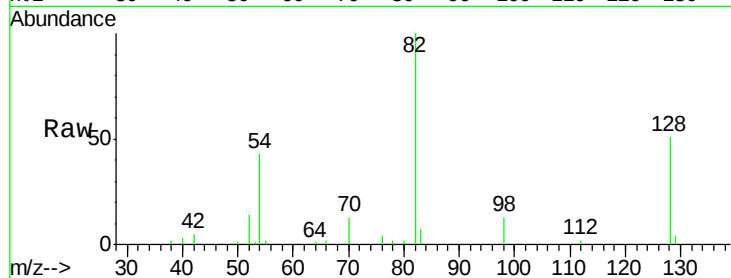
Tot Ion: 82 Resp: 43152

Ion Ratio Lower Upper

82 100

128 51.5 40.6 60.8

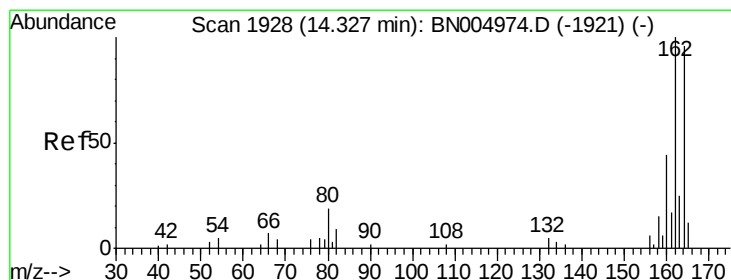
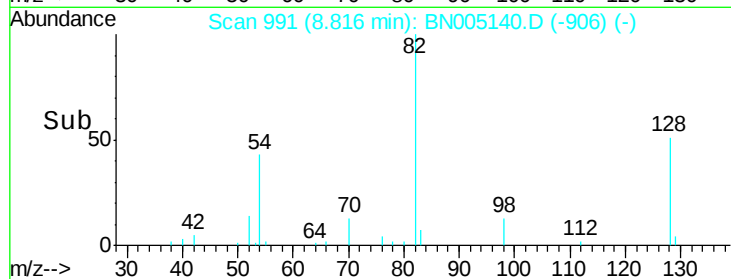
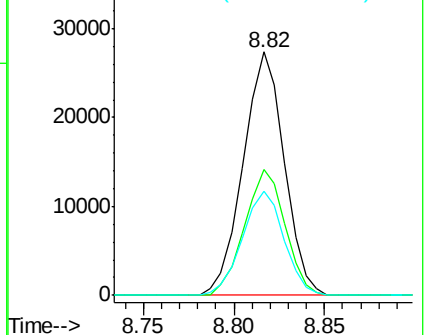
54 42.7 35.2 52.8



Abundance Ion 82.00 (81.70 to 82.70): BN004974.D (-988) (-)

Ion 128.00 (127.70 to 128.70): BN004974.D (-988) (-)

Ion 54.00 (53.70 to 54.70): BN004974.D (-988) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1923

Delta R.T. -0.03 min

Lab File: BN005140.D

Acq: 10 Apr 2019 22:28

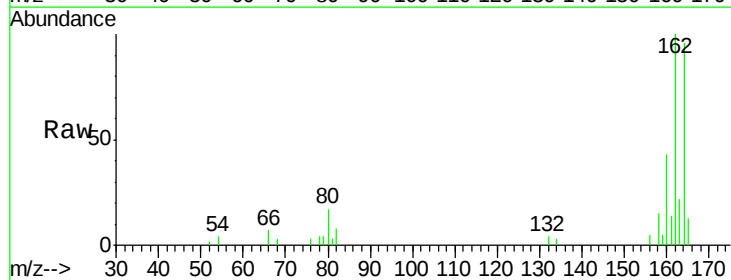
Tgt Ion:164 Resp: 17482

Ion Ratio Lower Upper

164 100

162 104.1 83.4 125.0

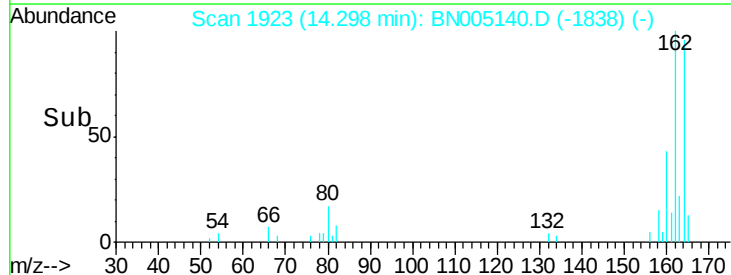
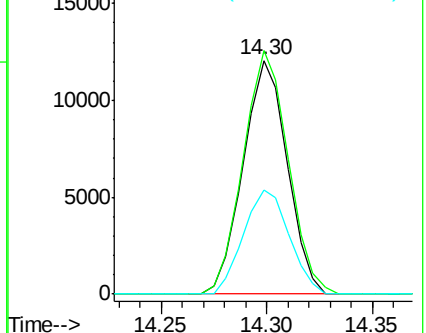
160 44.4 36.6 55.0

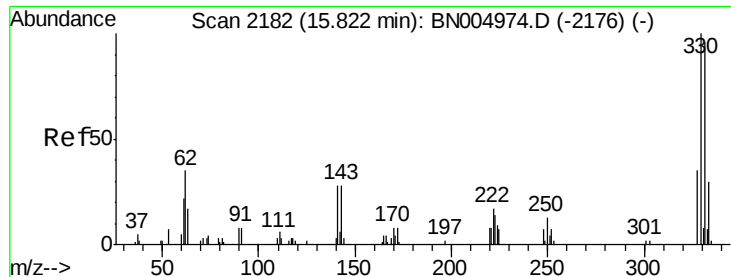


Abundance Ion 164.00 (163.70 to 164.70): BN004974.D (-1921) (-)

Ion 162.00 (161.70 to 162.70): BN004974.D (-1921) (-)

Ion 160.00 (159.70 to 160.70): BN004974.D (-1921) (-)





#42

2,4,6-Tribromophenol

Concen: 139.527 ng

RT: 15.80 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BN005140.D

Acq: 10 Apr 2019 22:28

Instrument :

BNA_N

ClientSampleId :

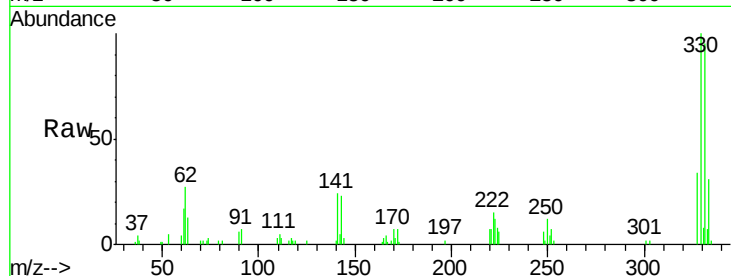
Tot Ion:330 Resp: 39340

Ion Ratio Lower Upper

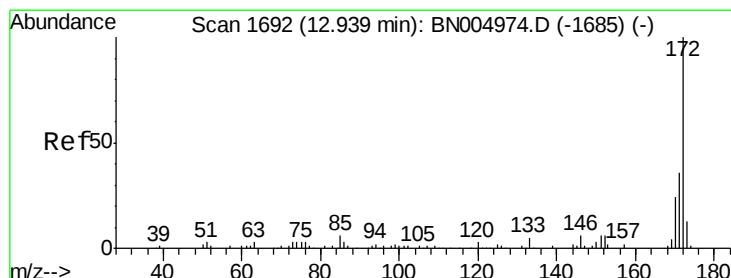
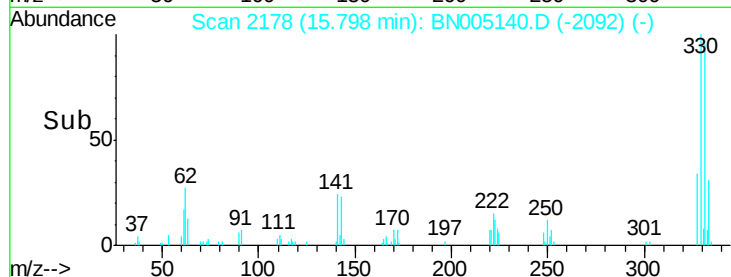
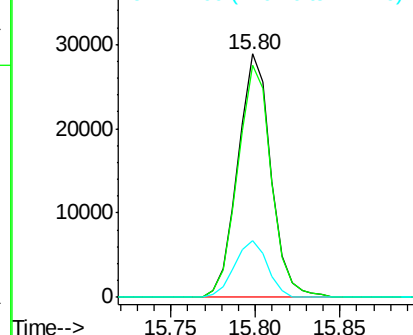
330 100

332 96.6 77.4 116.0

141 23.2 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: 90.530 ng

RT: 12.92 min Scan# 1688

Delta R.T. -0.02 min

Lab File: BN005140.D

Acq: 10 Apr 2019 22:28

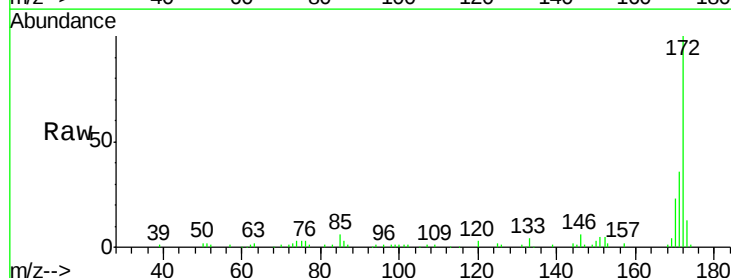
Tgt Ion:172 Resp: 119433

Ion Ratio Lower Upper

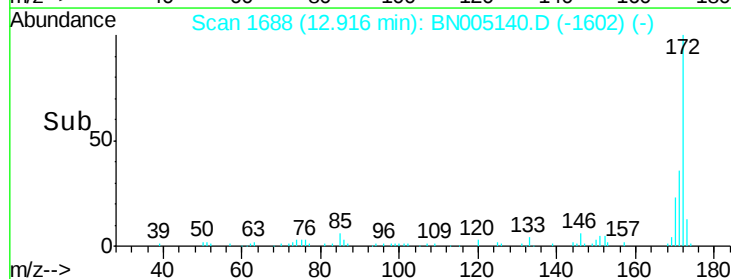
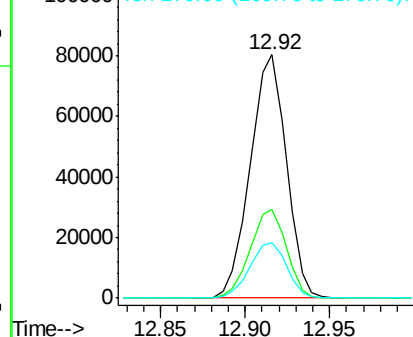
172 100

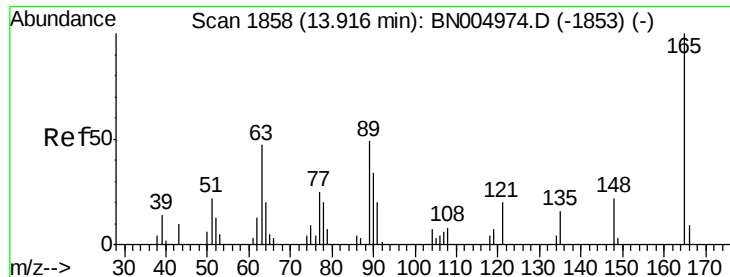
171 36.2 28.6 42.8

170 23.0 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

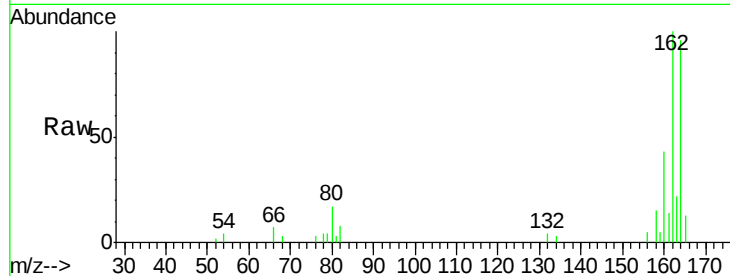




#51
 2,6-Dinitrotoluene
 Concen: 6.156 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. 0.38 min
 Lab File: BN005140.D
 Acq: 10 Apr 2019 22:28

Instrument :
 BNA_N
 ClientSampleId :

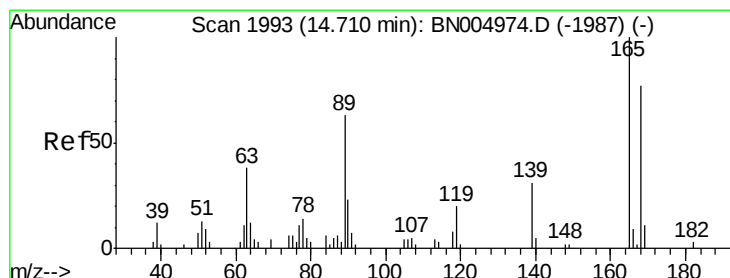
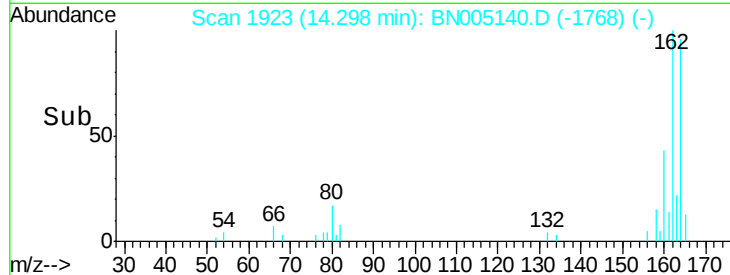
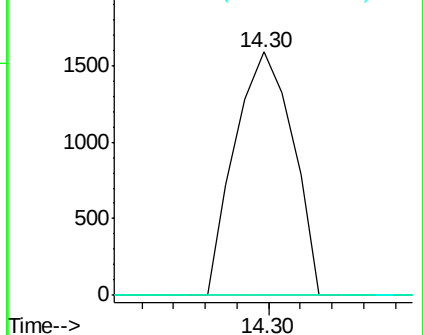
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.3	55.9#
89	0.0	39.2	58.8#



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: 4.530 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. -0.41 min
 Lab File: BN005140.D
 Acq: 10 Apr 2019 22:28

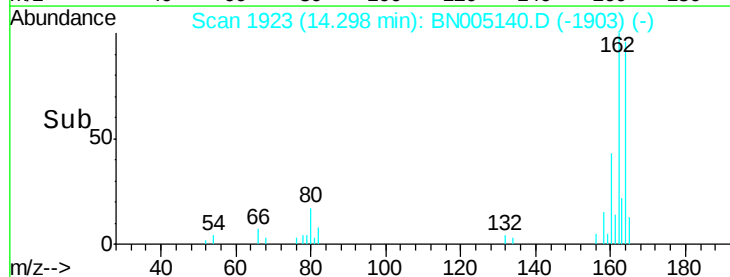
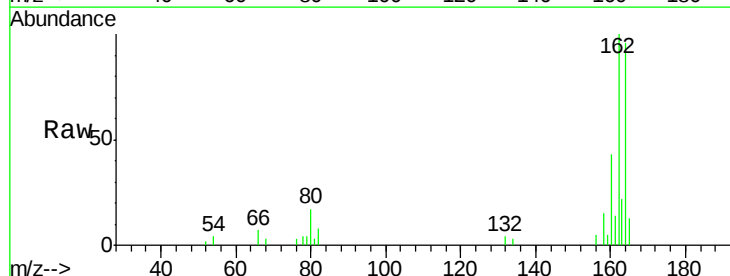
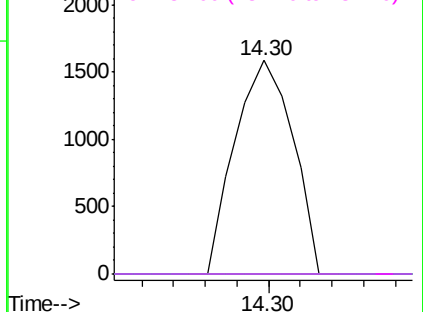
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.4	45.6#
89	0.0	50.7	76.1#
182	0.0	2.5	3.7#

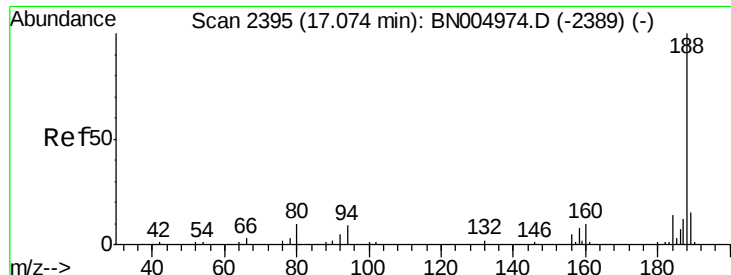
Abundance Ion 165.00 (164.70 to 165.70): E

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.05 min Scan# 2391

Delta R.T. -0.02 min

Lab File: BN005140.D

Acq: 10 Apr 2019 22:28

Instrument :

BNA_N

ClientSampleId :

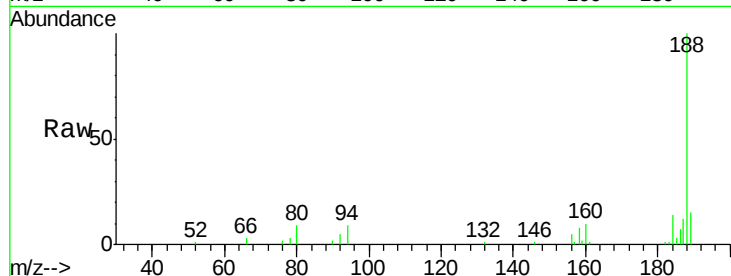
Tot Ion:188 Resp: 37045

Ion Ratio Lower Upper

188 100

94 8.6 7.2 10.8

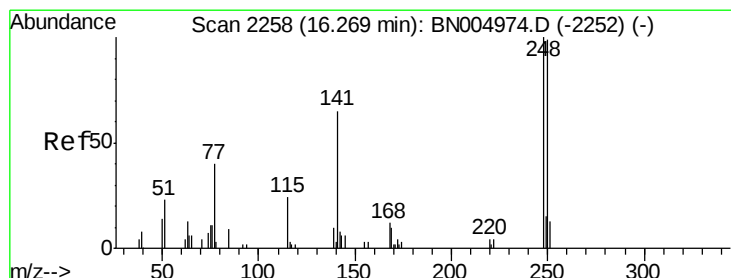
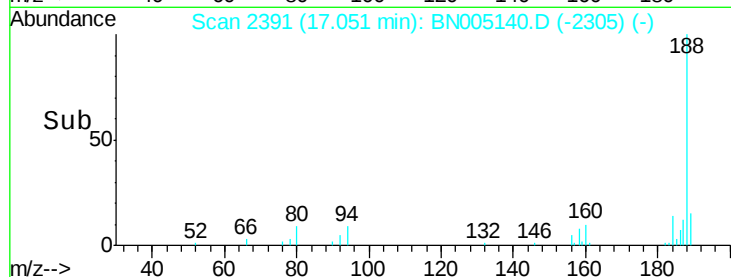
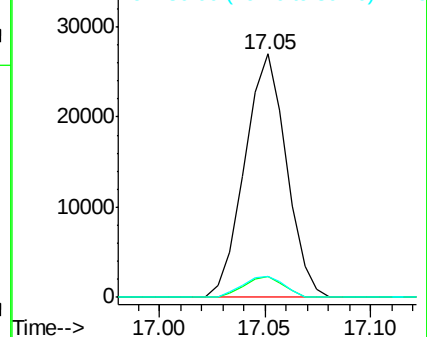
80 8.7 7.8 11.6



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: 4.651 ng

RT: 15.80 min Scan# 2178

Delta R.T. -0.47 min

Lab File: BN005140.D

Acq: 10 Apr 2019 22:28

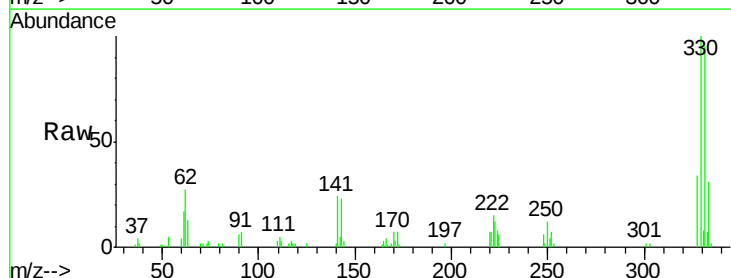
Tgt Ion:248 Resp: 2150

Ion Ratio Lower Upper

248 100

250 202.6 79.4 119.2#

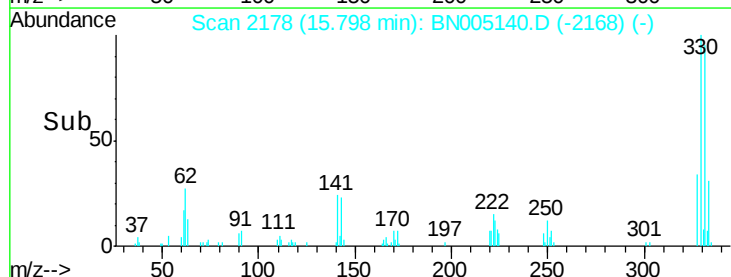
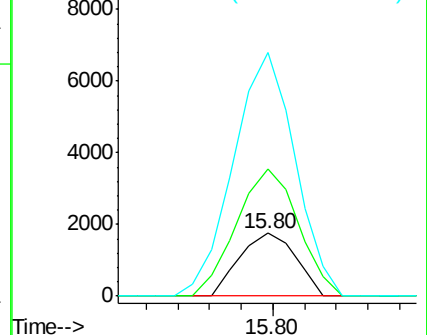
141 386.3 52.3 78.5#

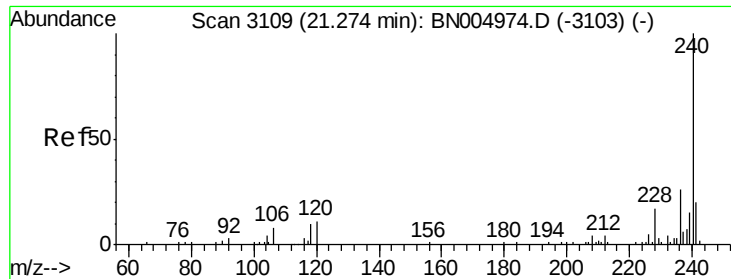


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

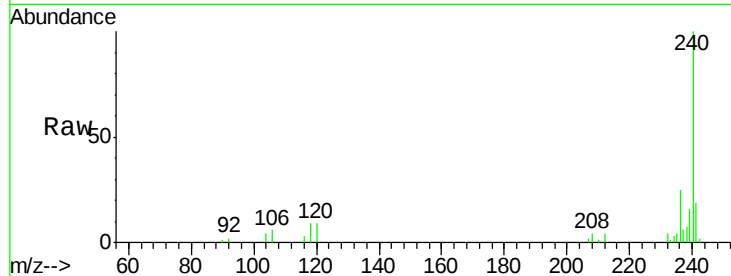




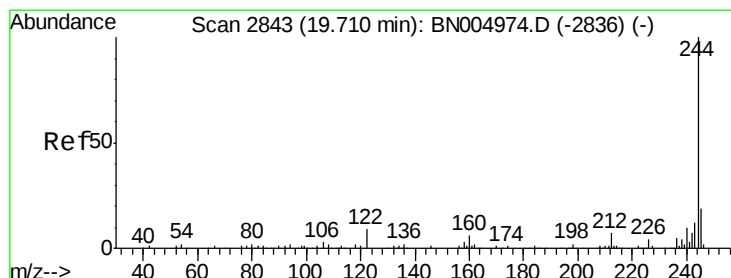
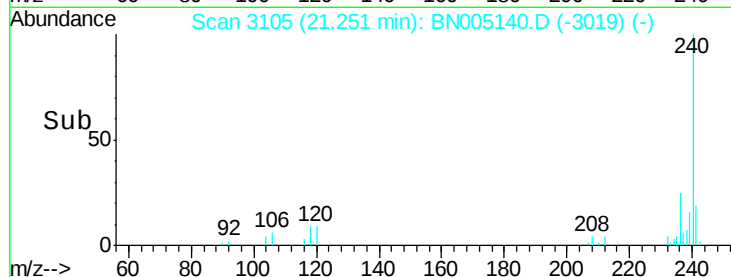
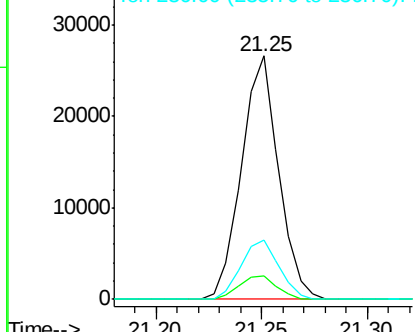
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.02 min
Lab File: BN005140.D
Acq: 10 Apr 2019 22:28

Instrument :
BNA_N
ClientSampleId :

Tot Ion:240 Resp: 32428
Ion Ratio Lower Upper
240 100
120 9.4 8.5 12.7
236 24.6 21.2 31.8

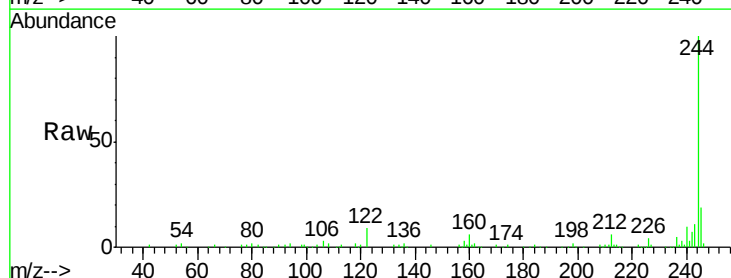


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

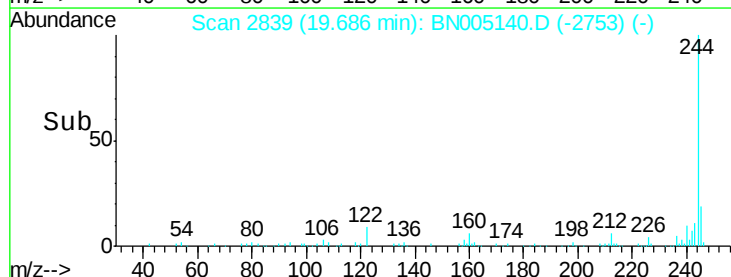
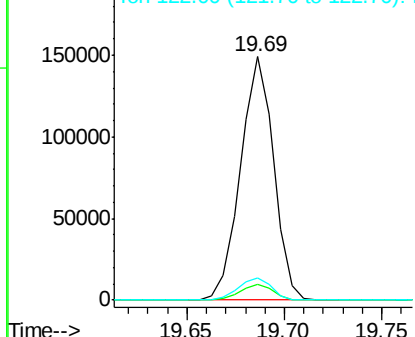


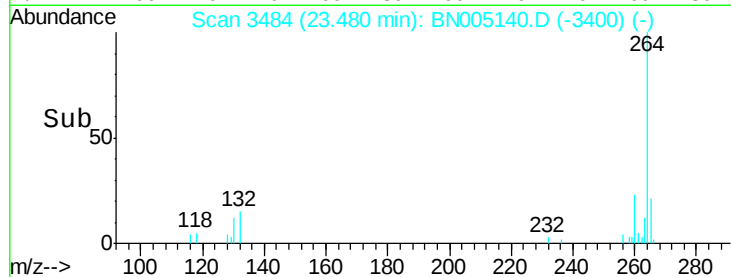
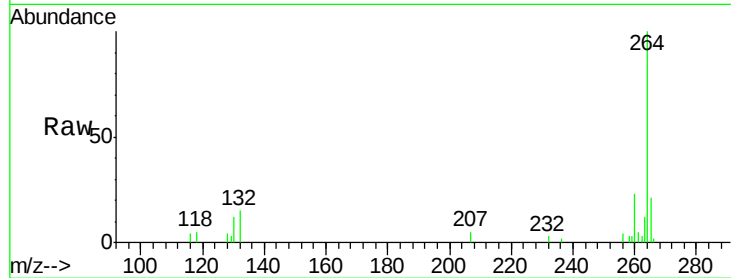
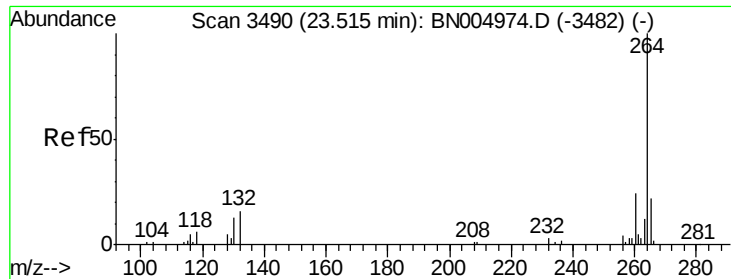
#79
Terphenyl-d14
Concen: 104.081 ng
RT: 19.69 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BN005140.D
Acq: 10 Apr 2019 22:28

Tgt Ion:244 Resp: 175309
Ion Ratio Lower Upper
244 100
212 6.3 5.4 8.0
122 9.3 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
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.48 min Scan# 3484
 Delta R.T. -0.04 min
 Lab File: BN005140.D
 Acq: 10 Apr 2019 22:28

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:	264	Resp:	34101
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.4
265	21.0	17.2	25.8

