

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040319\
 Data File : BN005093.D
 Acq On : 04 Apr 2019 14:00
 Operator : JU/SJ
 Sample : K2219-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 04 15:04:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN032619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 14:56:07 2019
 Response via : Initial Calibration

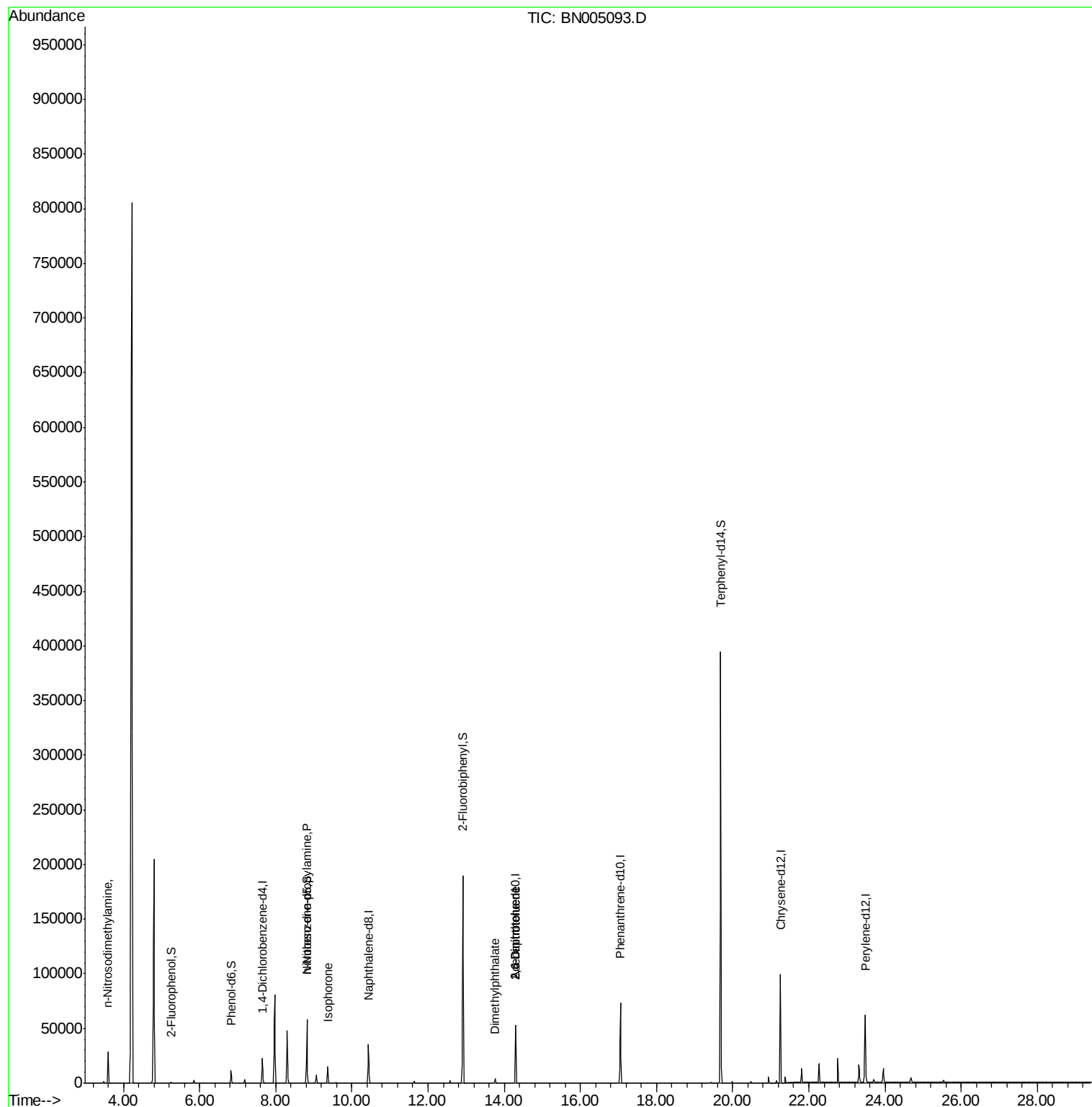
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	7667	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	31021	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	19159	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	45776	20.00	ng	0.00
76) Chrysene-d12	21.25	240	51768	20.00	ng	0.00
87) Perylene-d12	23.48	264	49440	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	978	2.21	ng	0.00
7) Phenol-d6	6.83	99	8728	14.84	ng	0.00
23) Nitrobenzene-d5	8.82	82	34252	66.79	ng	0.00
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	0.00
45) 2-Fluorobiphenyl	12.91	172	104162	72.04	ng	0.00
79) Terphenyl-d14	19.69	244	190625	70.89	ng	0.00
Target Compounds						
4) n-Nitrosodimethylamine	3.59	42	461	3.131	ng	# 1
19) n-Nitroso-di-n-propylamine	8.82	70	4381	11.362	ng	# 76
25) Isophorone	9.36	82	12757	12.769	ng	# 100
50) Dimethylphthalate	13.76	163	4429	2.814	ng	# 95
51) 2,6-Dinitrotoluene	14.30	165	2319	6.475	ng	# 32
57) 2,4-Dinitrotoluene	14.30	165	2319	4.764	ng	# 28

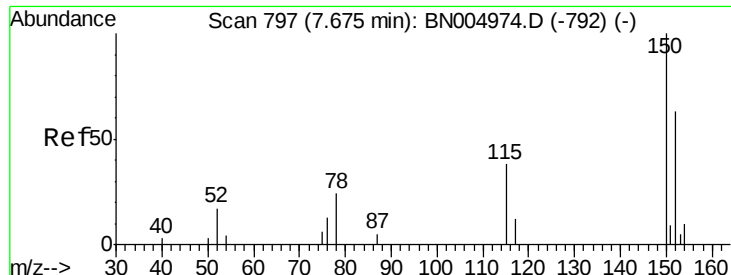
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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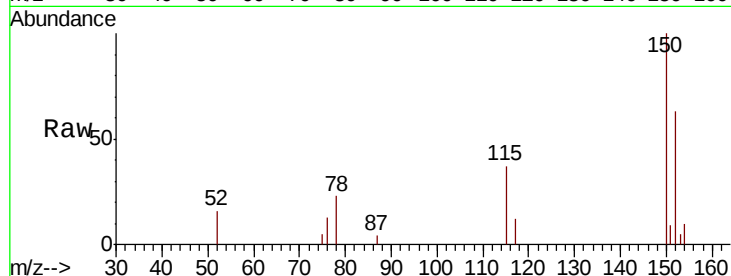


#1

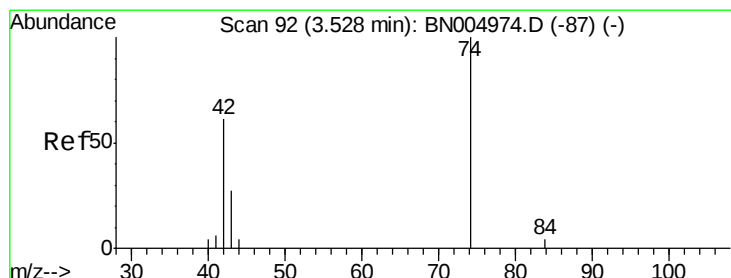
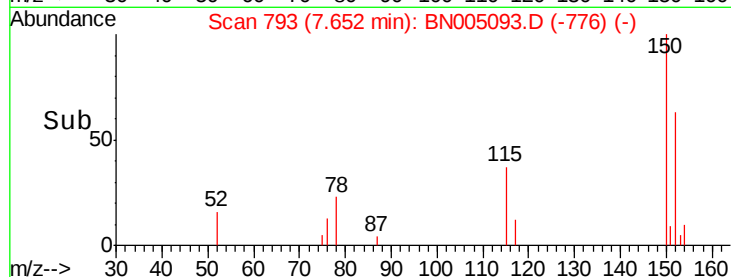
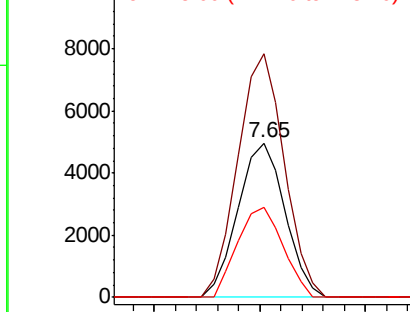
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. 0.00 min
Lab File: BN005093.D
Acq: 04 Apr 2019 14:00

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 7667
Ion Ratio Lower Upper
152 100
150 158.1 125.8 188.6
115 58.6 47.9 71.9



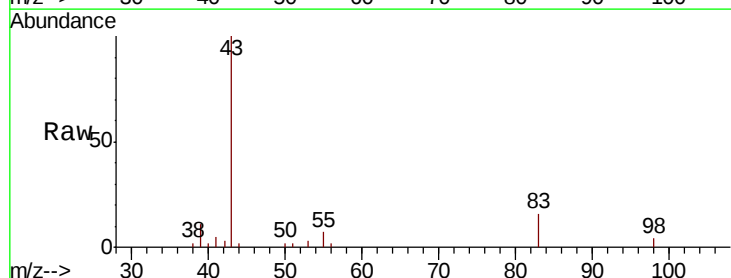
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



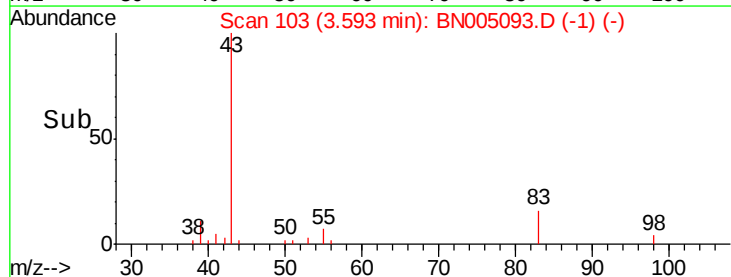
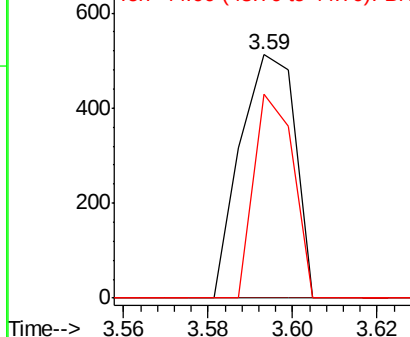
#4

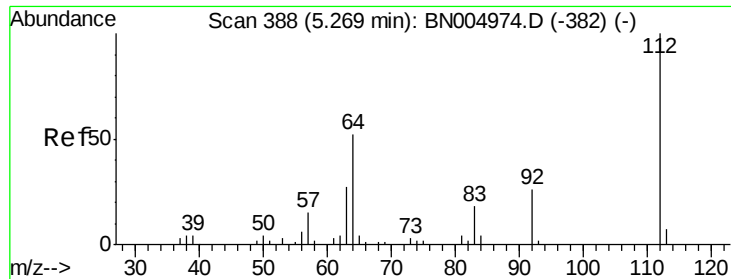
n-Nitrosodimethylamine
Concen: 3.131 ng
RT: 3.59 min Scan# 103
Delta R.T. 0.09 min
Lab File: BN005093.D
Acq: 04 Apr 2019 14:00

Tgt Ion: 42 Resp: 461
Ion Ratio Lower Upper
42 100
74 0.0 130.0 195.0#
44 83.8 5.6 8.4#



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: 2.205 ng

RT: 5.25 min Scan# 384

Delta R.T. 0.01 min

Lab File: BN005093.D

Acq: 04 Apr 2019 14:00

Instrument :

BNA_N

ClientSampled :

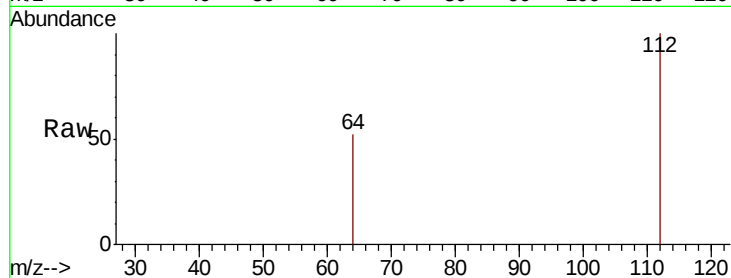
Tot Ion:112 Resp: 978

Ion Ratio Lower Upper

112 100

64 52.3 41.2 61.8

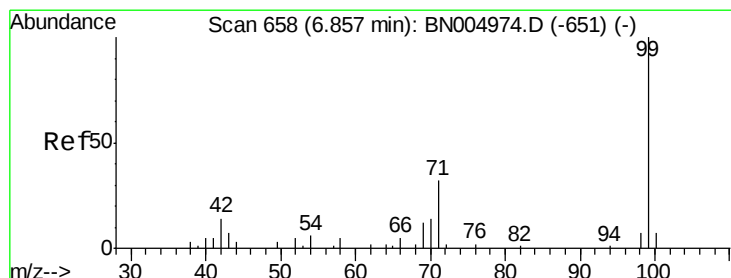
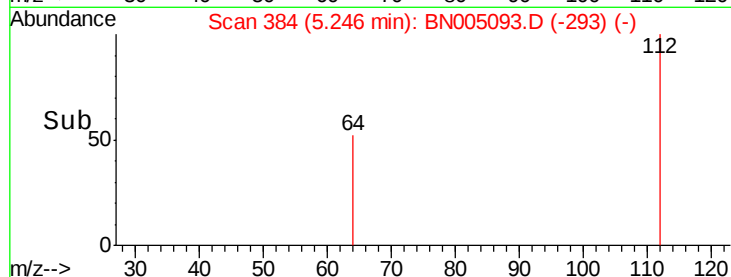
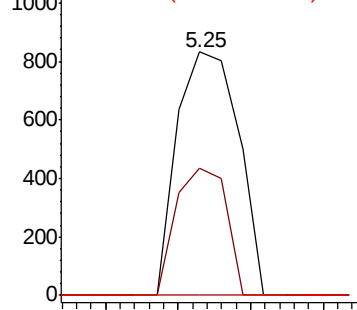
63 0.0 20.7 31.1#



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: 14.839 ng

RT: 6.83 min Scan# 653

Delta R.T. 0.00 min

Lab File: BN005093.D

Acq: 04 Apr 2019 14:00

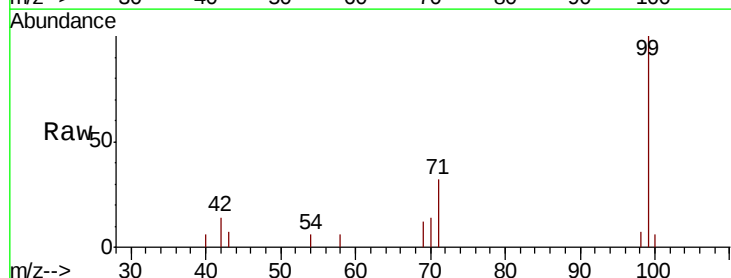
Tgt Ion: 99 Resp: 8728

Ion Ratio Lower Upper

99 100

42 14.0 11.0 16.4

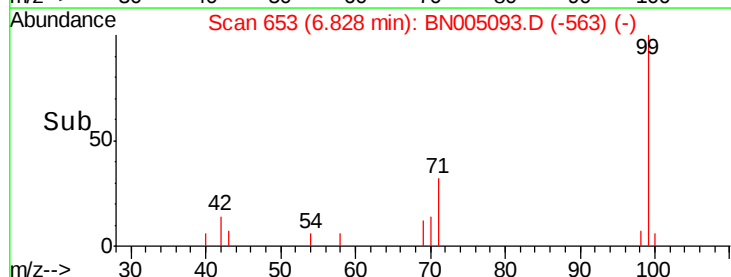
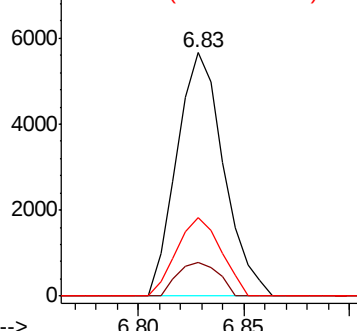
71 32.1 25.8 38.8

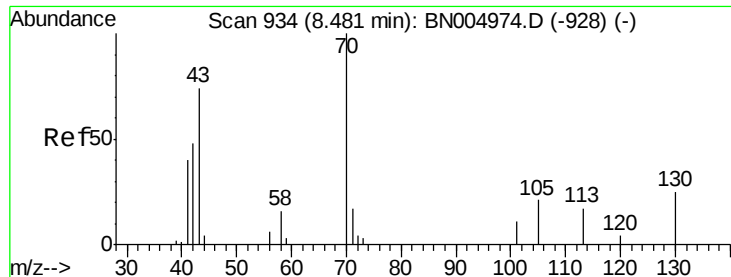


Abundance Ion 99.00 (98.70 to 99.70): BNC

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: 11.362 ng

RT: 8.82 min Scan# 991

Delta R.T. 0.36 min

Lab File: BN005093.D

Acq: 04 Apr 2019 14:00

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 70 Resp: 4381

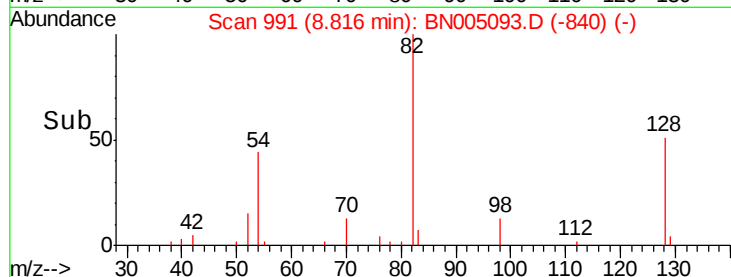
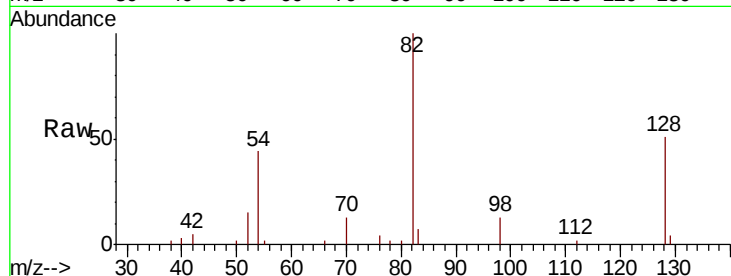
Ion Ratio Lower Upper

70 100

42 39.9 36.7 55.1

101 0.0 8.7 13.1#

130 0.0 20.2 30.2#

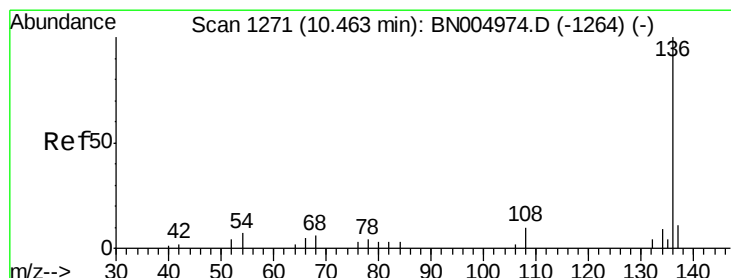
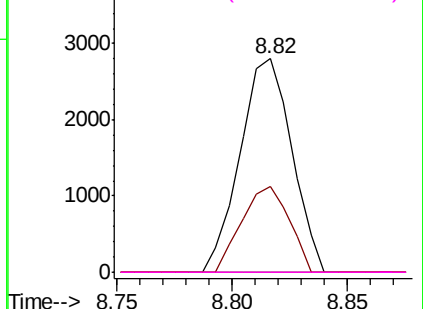


Abundance Ion 70.00 (69.70 to 70.70): BN004974.D (-928) (-)

Ion 42.00 (41.70 to 42.70): BN004974.D (-928) (-)

Ion 101.00 (100.70 to 101.70): BN004974.D (-928) (-)

Ion 130.00 (129.70 to 130.70): BN004974.D (-928) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BN005093.D

Acq: 04 Apr 2019 14:00

Tgt Ion: 136 Resp: 31021

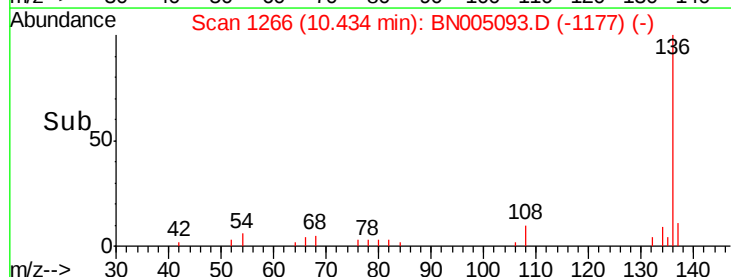
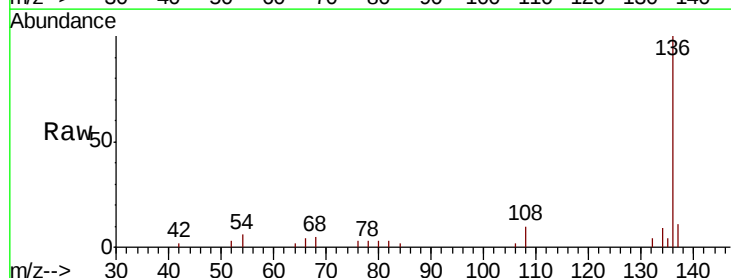
Ion Ratio Lower Upper

136 100

137 11.0 8.6 12.8

54 6.4 5.0 7.4

68 5.1 4.2 6.4

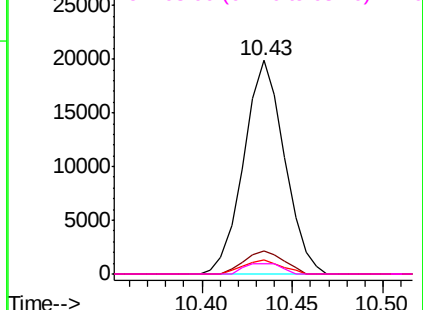


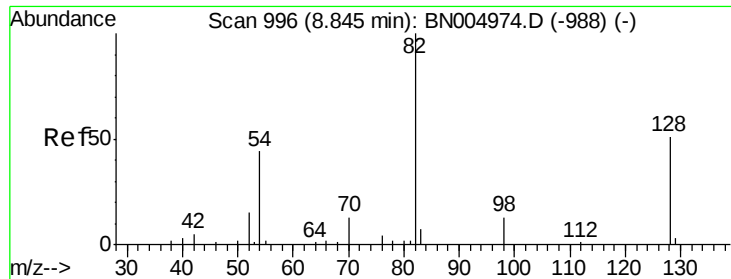
Abundance Ion 136.00 (135.70 to 136.70): BN004974.D (-1264) (-)

Ion 137.00 (136.70 to 137.70): BN004974.D (-1264) (-)

Ion 54.00 (53.70 to 54.70): BN004974.D (-1264) (-)

Ion 68.00 (67.70 to 68.70): BN004974.D (-1264) (-)

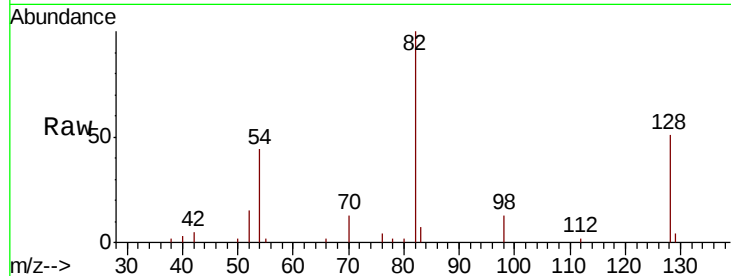




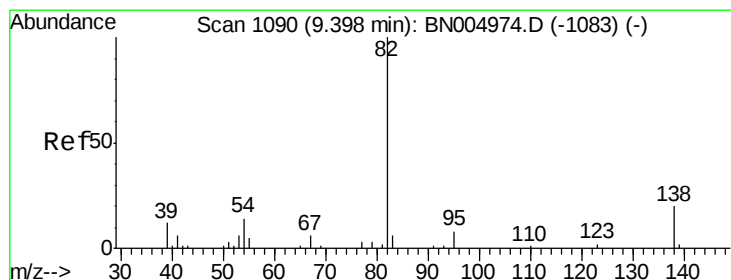
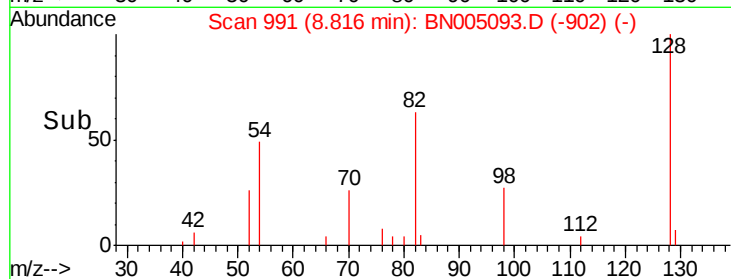
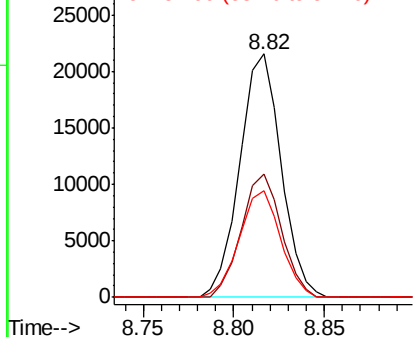
#23
Nitrobenzene-d5
Concen: 66.792 ng
RT: 8.82 min Scan# 991
Delta R.T. -0.01 min
Lab File: BN005093.D
Acq: 04 Apr 2019 14:00

Instrument :
BNA_N
ClientSampled :

Tot Ion: 82 Resp: 34252
Ion Ratio Lower Upper
82 100
128 50.7 40.6 60.8
54 43.9 34.4 51.6

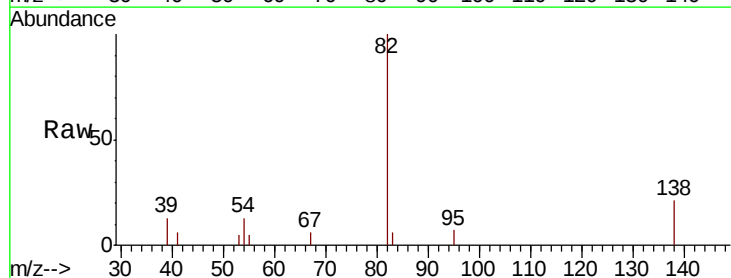


Abundance Ion 82.00 (81.70 to 82.70): BN0
Ion 128.00 (127.70 to 128.70): BN0
Ion 54.00 (53.70 to 54.70): BN0

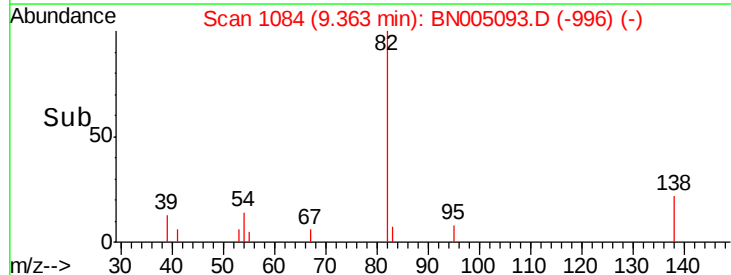
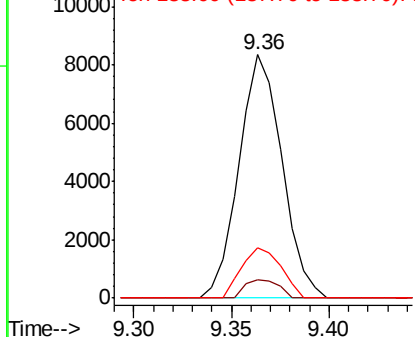


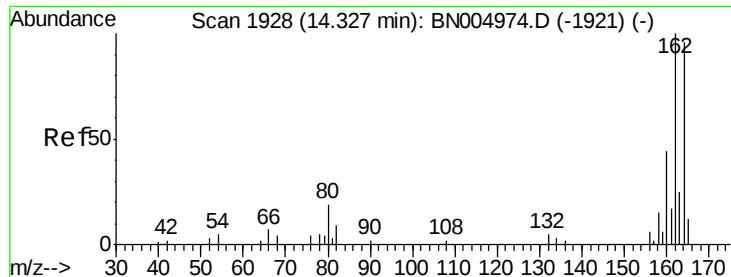
#25
Isophorone
Concen: 12.769 ng
RT: 9.36 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BN005093.D
Acq: 04 Apr 2019 14:00

Tgt Ion: 82 Resp: 12757
Ion Ratio Lower Upper
82 100
95 7.5 6.1 9.1
138 20.5 16.6 24.8



Abundance Ion 82.00 (81.70 to 82.70): BN0
Ion 95.00 (94.70 to 95.70): BN0
Ion 138.00 (137.70 to 138.70): BN0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BN005093.D

Acq: 04 Apr 2019 14:00

Instrument :

BNA_N

ClientSampleId :

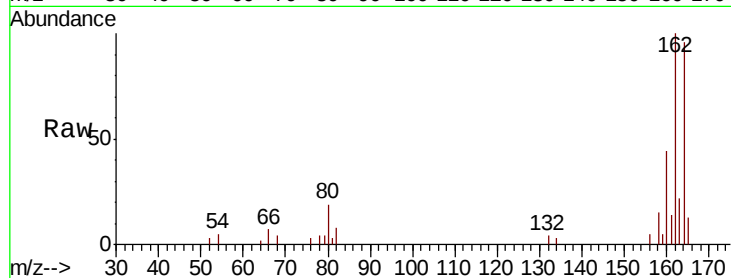
Tot Ion:164 Resp: 19159

Ion Ratio Lower Upper

164 100

162 104.0 83.8 125.6

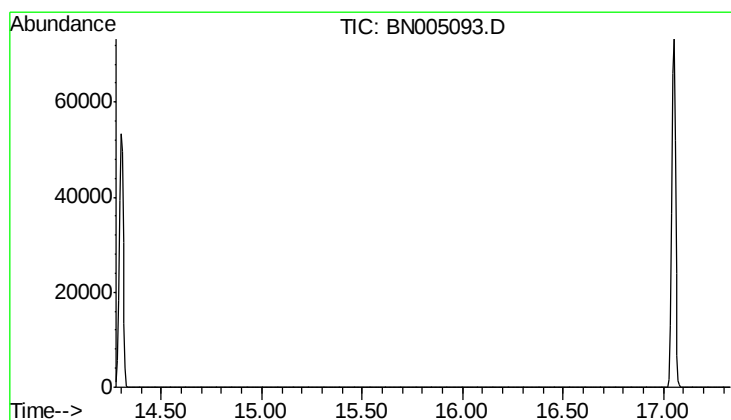
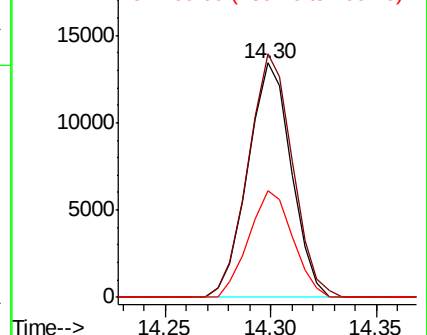
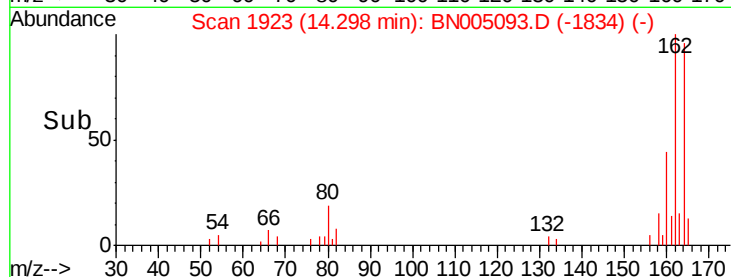
160 45.5 36.0 54.0



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: 0.000 ng

Expected RT: 15.80 min

Lab File: BN005093.D

Acq: 04 Apr 2019 14:00

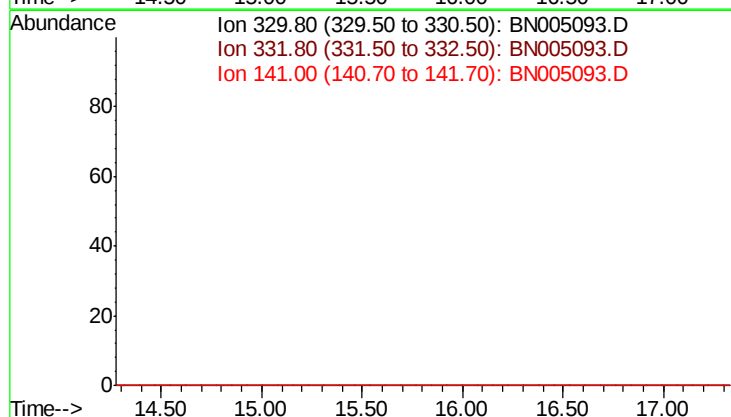
Tgt Ion: 330

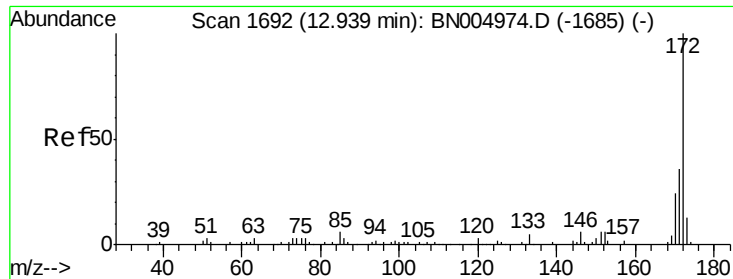
Sig Exp Ratio

330 100

332 96.8

141 25.4

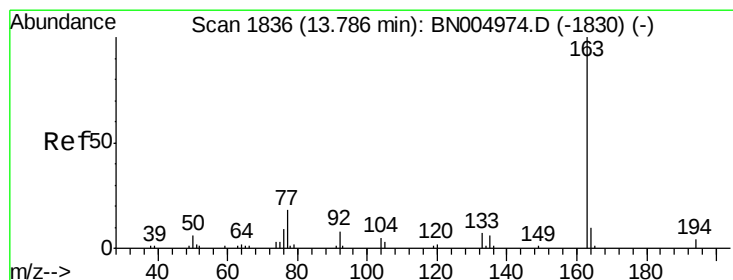
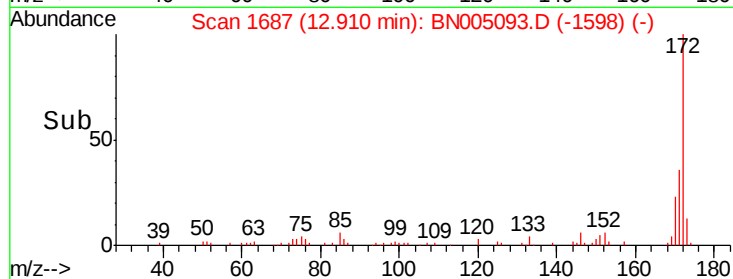
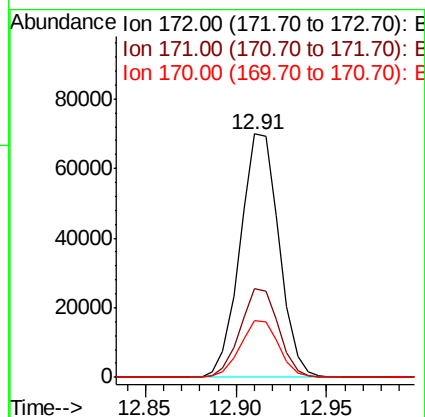
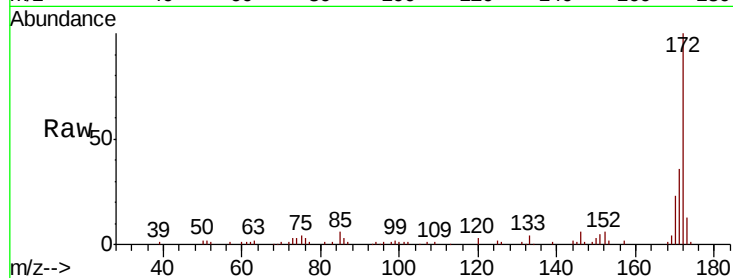




#45
2-Fluorobiphenyl
Concen: 72.043 ng
RT: 12.91 min Scan# 1687
Delta R.T. -0.01 min
Lab File: BN005093.D
Acq: 04 Apr 2019 14:00

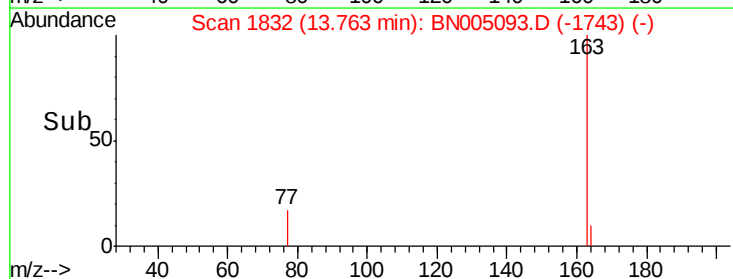
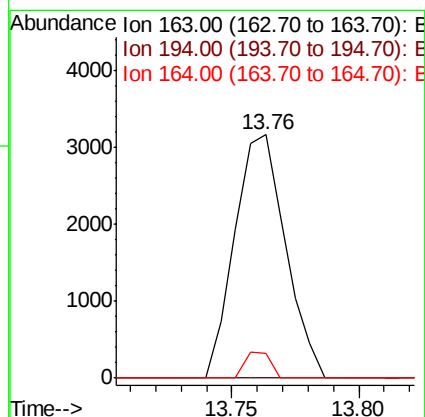
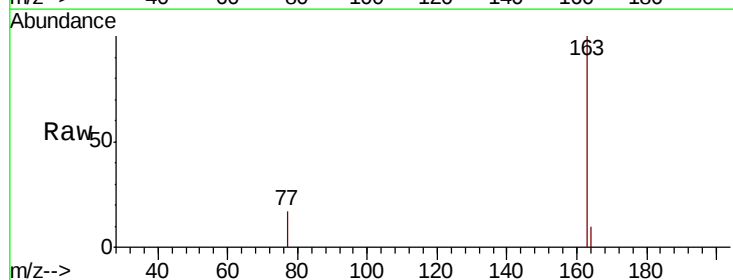
Instrument :
BNA_N
ClientSampleId :

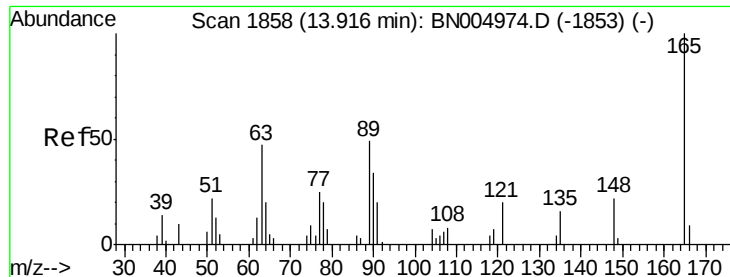
Tot Ion:172 Resp: 104162
Ion Ratio Lower Upper
172 100
171 36.5 28.7 43.1
170 23.3 18.8 28.2



#50
Dimethylphthalate
Concen: 2.814 ng
RT: 13.76 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BN005093.D
Acq: 04 Apr 2019 14:00

Tgt Ion:163 Resp: 4429
Ion Ratio Lower Upper
163 100
194 0.0 3.6 5.4#
164 9.9 8.1 12.1

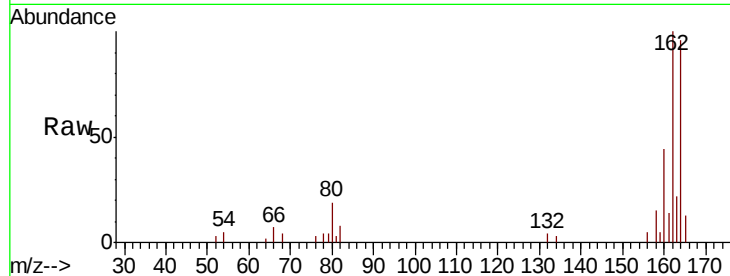




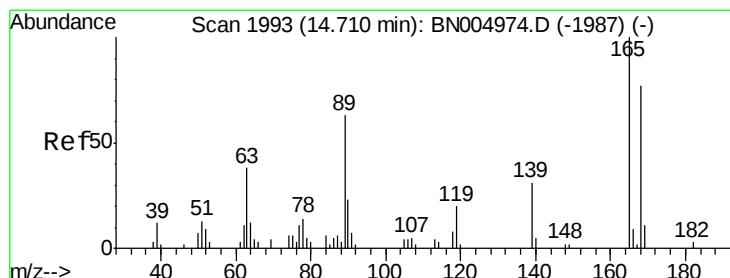
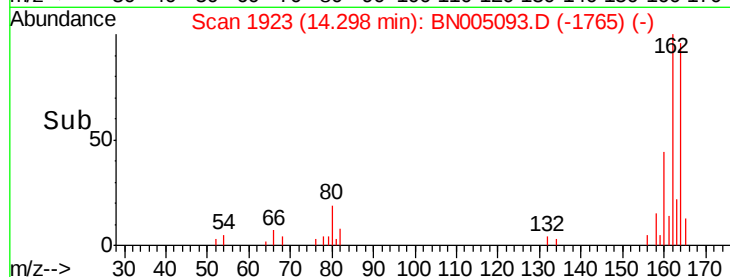
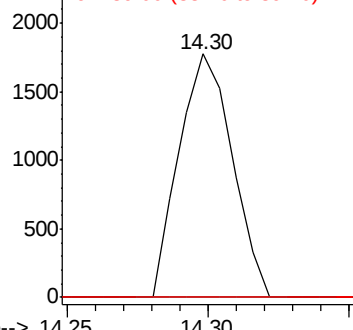
#51
 2,6-Dinitrotoluene
 Concen: 6.475 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. 0.40 min
 Lab File: BN005093.D
 Acq: 04 Apr 2019 14:00

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.2	51.4#
89	0.0	36.9	55.3#

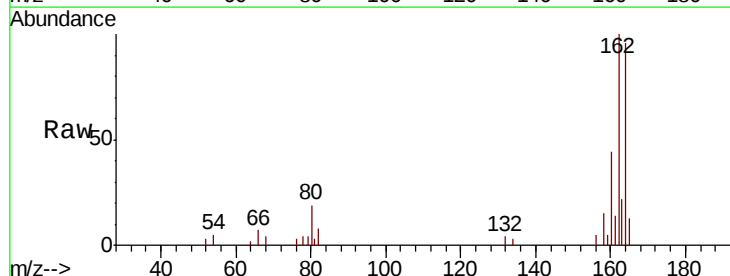


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 89.00 (88.70 to 89.70): BNC

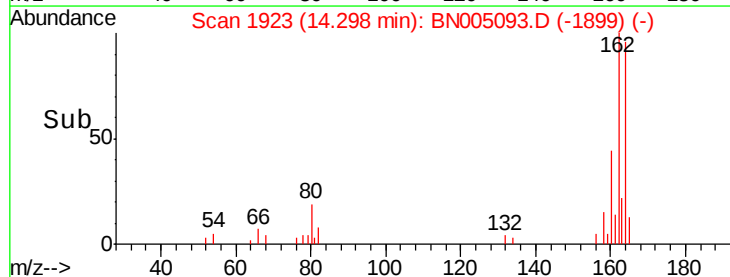
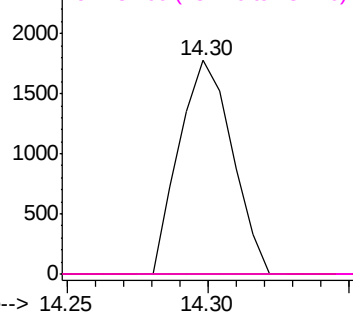


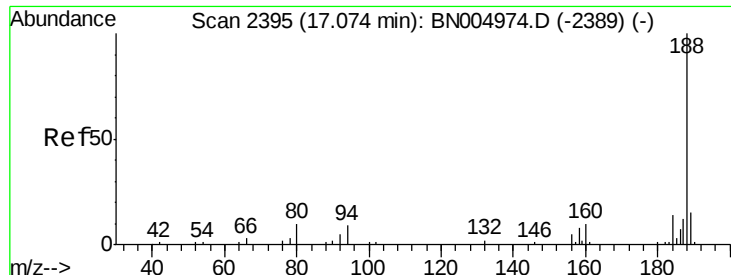
#57
 2,4-Dinitrotoluene
 Concen: 4.764 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. -0.39 min
 Lab File: BN005093.D
 Acq: 04 Apr 2019 14:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.6	44.4#
89	0.0	49.7	74.5#
182	0.0	2.4	3.6#



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

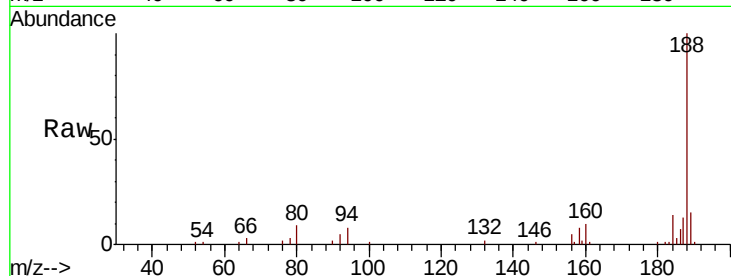




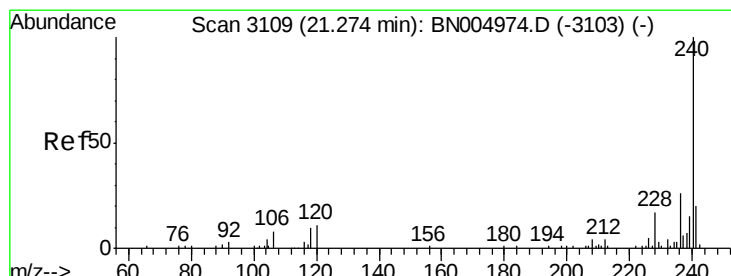
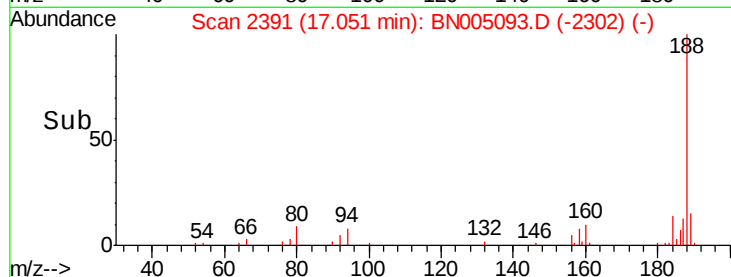
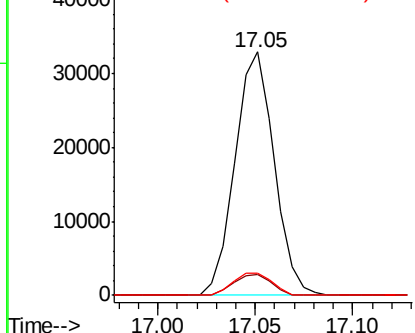
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BN005093.D
Acq: 04 Apr 2019 14:00

Instrument :
BNA_N
ClientSampleId :

Tot Ion:188 Resp: 45776
Ion Ratio Lower Upper
188 100
94 8.5 6.6 10.0
80 9.3 7.1 10.7

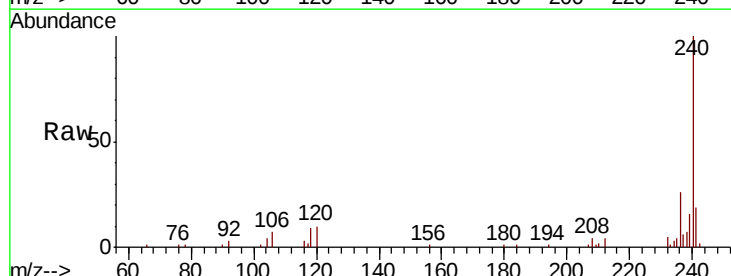


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC

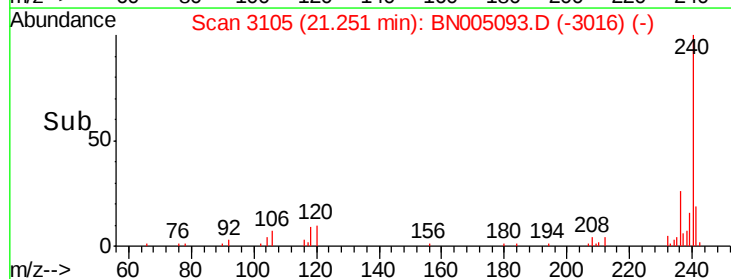
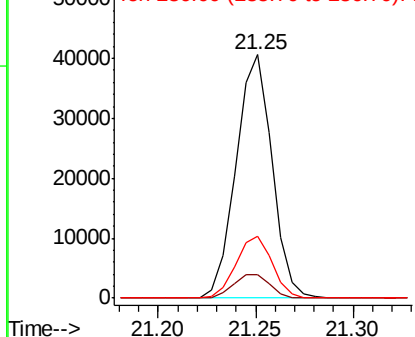


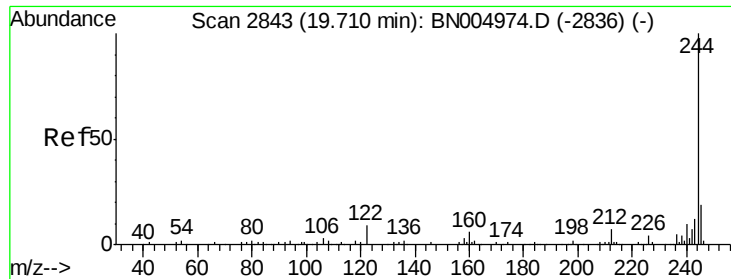
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BN005093.D
Acq: 04 Apr 2019 14:00

Tgt Ion:240 Resp: 51768
Ion Ratio Lower Upper
240 100
120 9.9 8.1 12.1
236 25.5 20.4 30.6



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: 70.893 ng

RT: 19.69 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BN005093.D

Acq: 04 Apr 2019 14:00

Instrument :

BNA_N

ClientSampleId :

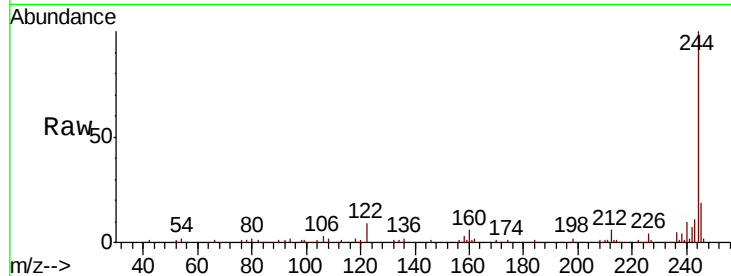
Tot Ion:244 Resp: 190625

Ion Ratio Lower Upper

244 100

212 6.4 5.3 7.9

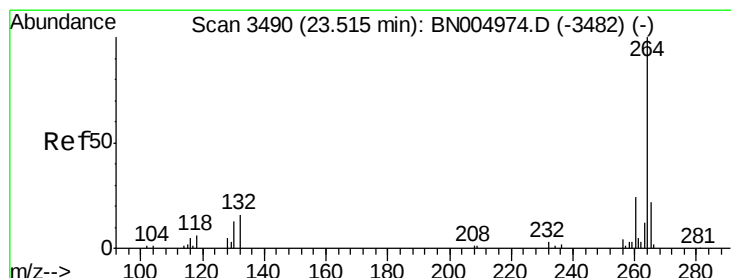
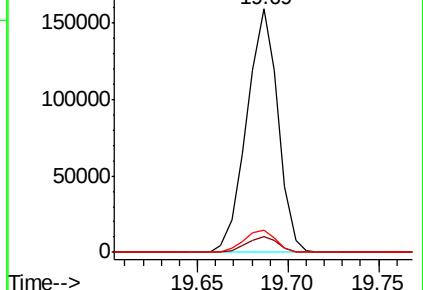
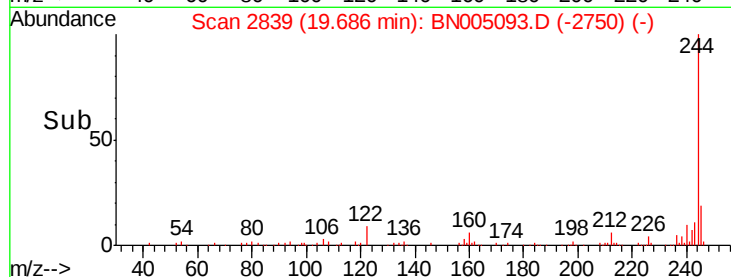
122 9.3 7.8 11.6



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. -0.01 min

Lab File: BN005093.D

Acq: 04 Apr 2019 14:00

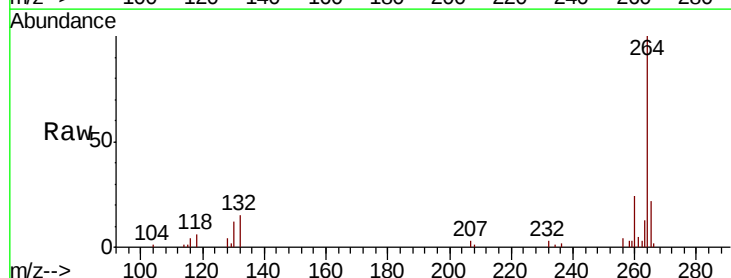
Tgt Ion:264 Resp: 49440

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 21.7 17.4 26.2



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

