

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041019\
 Data File : BN005130.D
 Acq On : 10 Apr 2019 16:30
 Operator : JU/SJ
 Sample : K2343-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 11 07:32:10 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

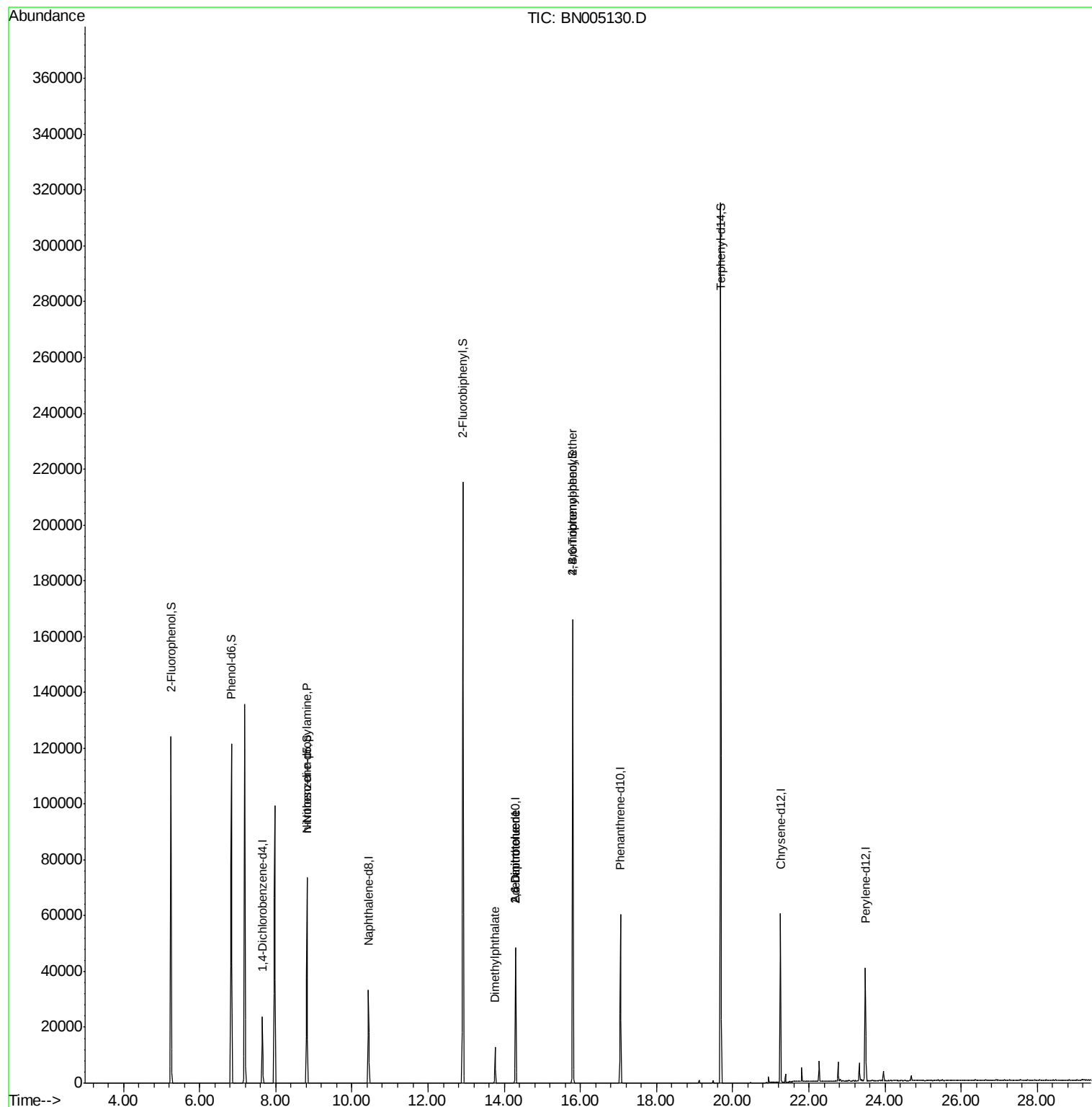
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	7686	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	31312	20.00	ng	-0.03
39) Acenaphthene-d10	14.30	164	17954	20.00	ng	-0.03
64) Phenanthrene-d10	17.05	188	37724	20.00	ng	-0.02
76) Chrysene-d12	21.25	240	32552	20.00	ng	-0.02
87) Perylene-d12	23.48	264	33011	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	58952	132.61	ng	-0.02
7) Phenol-d6	6.83	99	76843	130.32	ng	-0.02
23) Nitrobenzene-d5	8.82	82	42644	82.38	ng	-0.03
42) 2,4,6-Tribromophenol	15.80	330	39028	134.78	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	116852	86.24	ng	-0.02
79) Terphenyl-d14	19.69	244	159710	94.46	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.82	70	5406	13.985	ng	Qvalue # 73
50) Dimethylphthalate	13.76	163	10131	6.868	ng	100
51) 2,6-Dinitrotoluene	14.30	165	2166	6.453	ng	# 29
57) 2,4-Dinitrotoluene	14.30	165	2166	4.748	ng	# 27
67) 4-Bromophenyl-phenylether	15.80	248	2132	4.529	ng	# 1

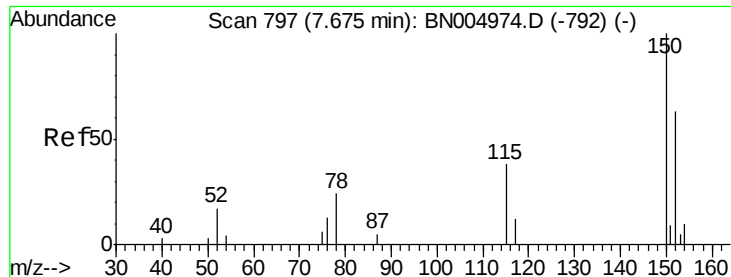
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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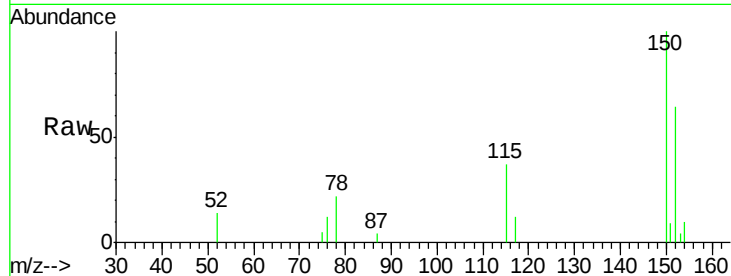


#1

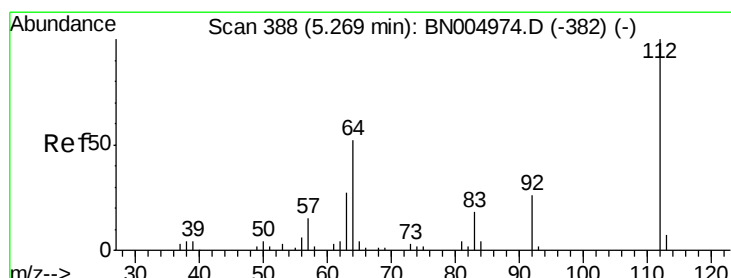
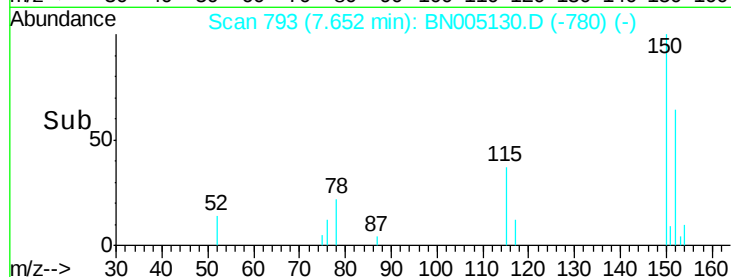
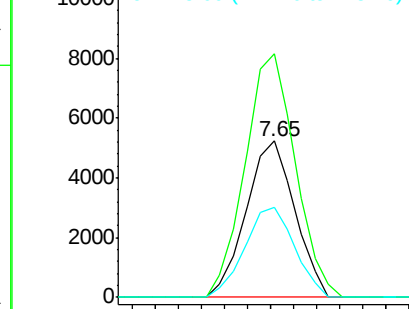
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BN005130.D
Acq: 10 Apr 2019 16:30

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 7686
Ion Ratio Lower Upper
152 100
150 155.7 126.9 190.3
115 57.1 47.8 71.6



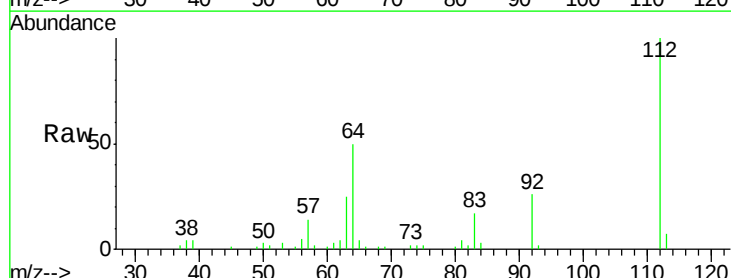
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



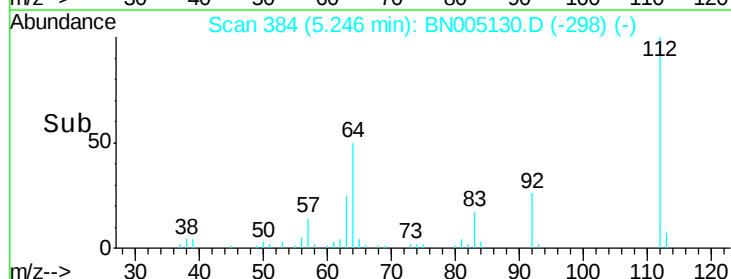
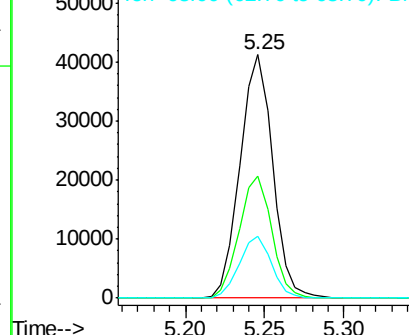
#5

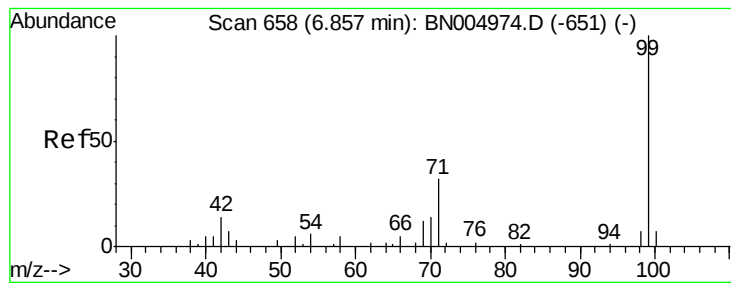
2-Fluorophenol
Concen: 132.607 ng
RT: 5.25 min Scan# 384
Delta R.T. -0.02 min
Lab File: BN005130.D
Acq: 10 Apr 2019 16:30

Tgt Ion:112 Resp: 58952
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): E
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#7

Phenol-d6

Concen: 130.322 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.02 min

Lab File: BN005130.D

Acq: 10 Apr 2019 16:30

Instrument :

BNA_N

ClientSampleId :

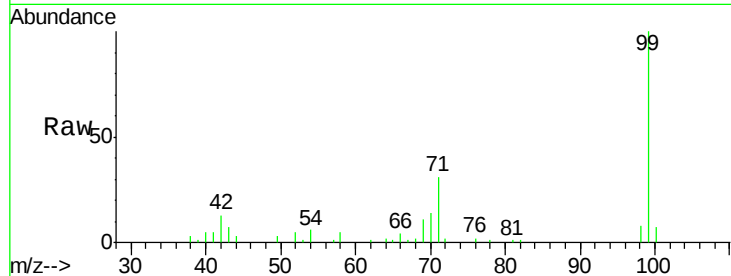
Tot Ion: 99 Resp: 76843

Ion Ratio Lower Upper

99 100

42 13.1 11.4 17.0

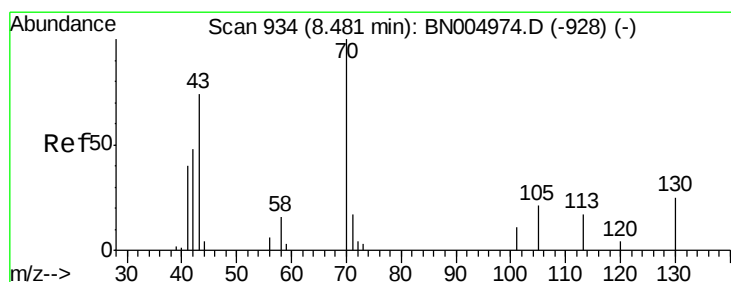
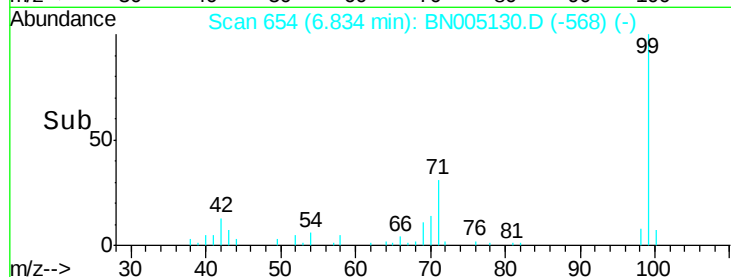
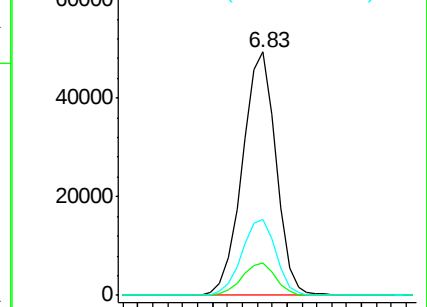
71 31.4 25.8 38.8



Abundance Ion 99.00 (98.70 to 99.70): BN004974.D (-651) (-)

Ion 42.00 (41.70 to 42.70): BN004974.D (-651) (-)

Ion 71.00 (70.70 to 71.70): BN004974.D (-651) (-)



#19

n-Nitroso-di-n-propylamine

Concen: 13.985 ng

RT: 8.82 min Scan# 991

Delta R.T. 0.34 min

Lab File: BN005130.D

Acq: 10 Apr 2019 16:30

Tgt Ion: 70 Resp: 5406

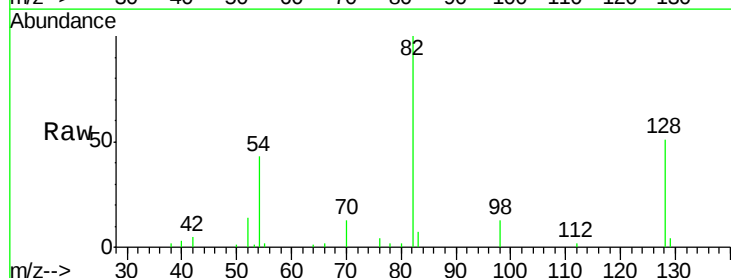
Ion Ratio Lower Upper

70 100

42 37.4 38.4 57.6#

101 0.0 8.8 13.2#

130 0.0 19.8 29.8#

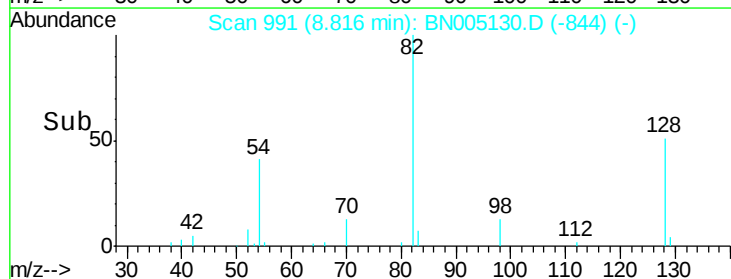
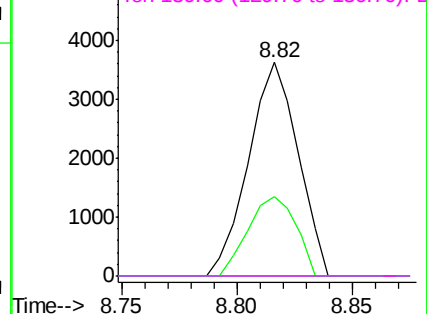


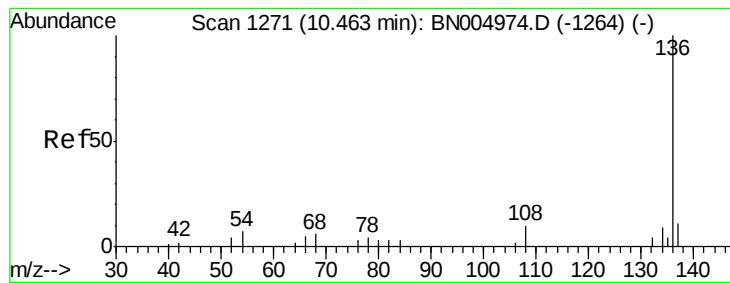
Abundance Ion 70.00 (69.70 to 70.70): BN004974.D (-928) (-)

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. -0.03 min

Lab File: BN005130.D

Acq: 10 Apr 2019 16:30

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 31312

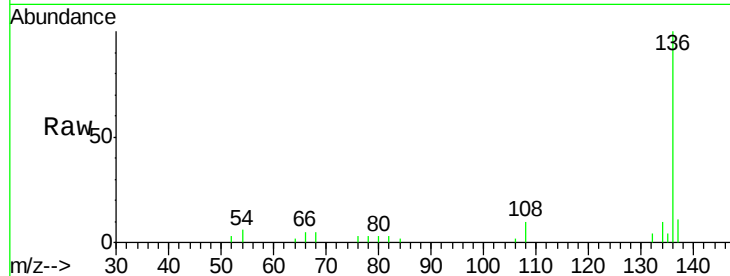
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.4 5.3 7.9

68 5.3 4.6 6.8

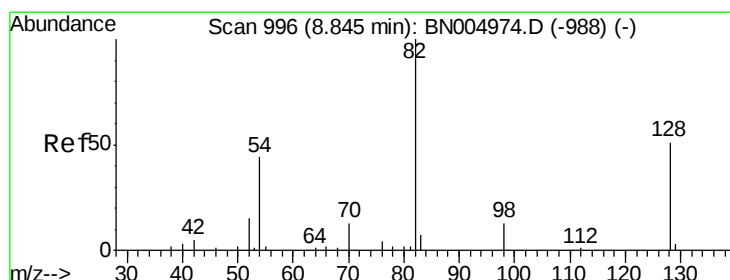
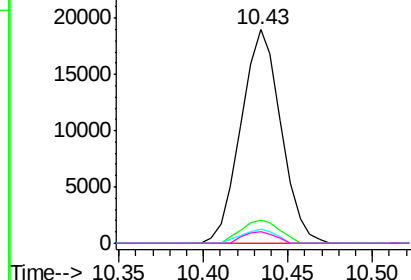
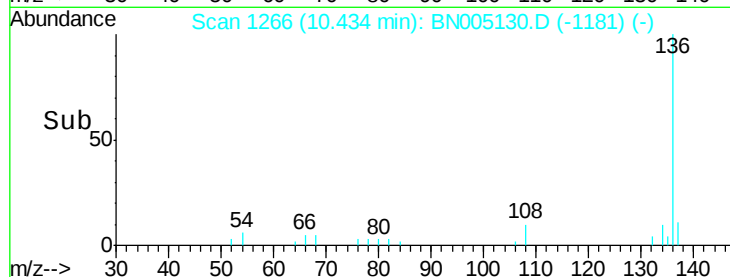


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#23

Nitrobenzene-d5

Concen: 82.384 ng

RT: 8.82 min Scan# 991

Delta R.T. -0.03 min

Lab File: BN005130.D

Acq: 10 Apr 2019 16:30

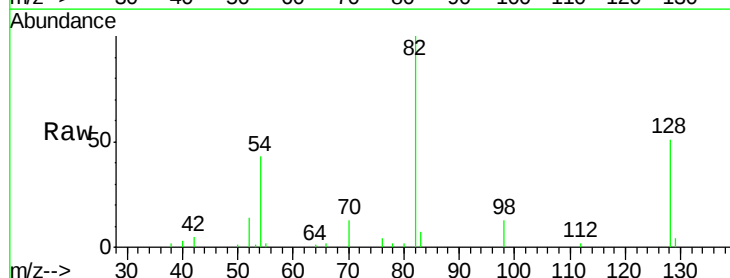
Tgt Ion: 82 Resp: 42644

Ion Ratio Lower Upper

82 100

128 51.0 40.6 60.8

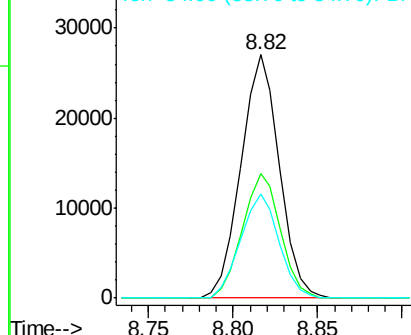
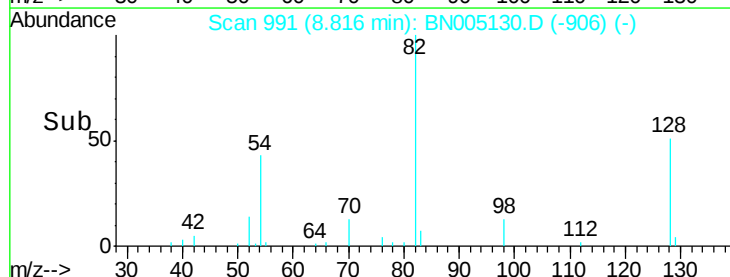
54 42.9 35.2 52.8

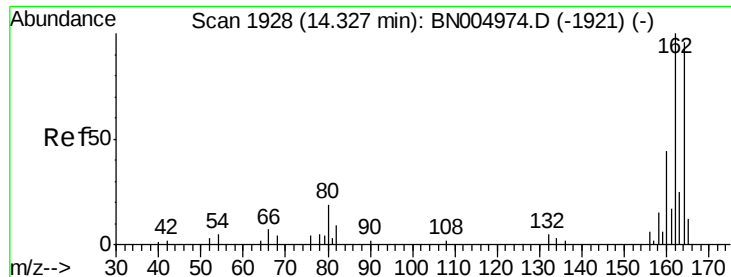


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1923

Delta R.T. -0.03 min

Lab File: BN005130.D

Acq: 10 Apr 2019 16:30

Instrument :

BNA_N

ClientSampleId :

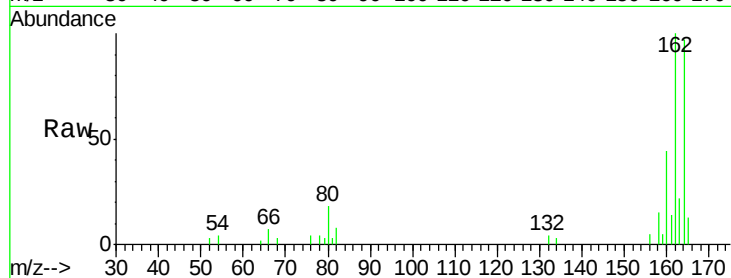
Tot Ion:164 Resp: 17954

Ion Ratio Lower Upper

164 100

162 103.5 83.4 125.0

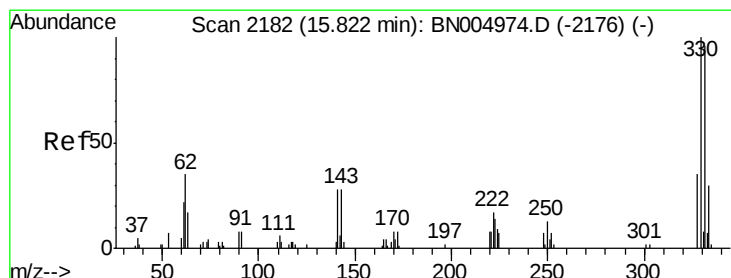
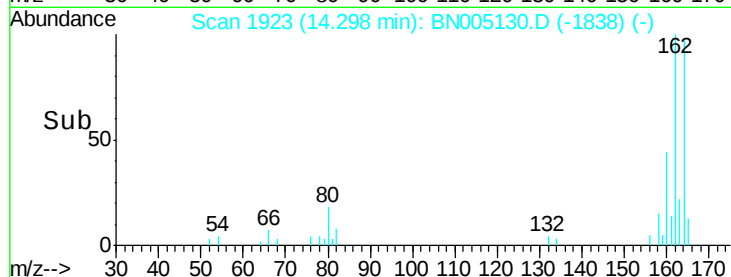
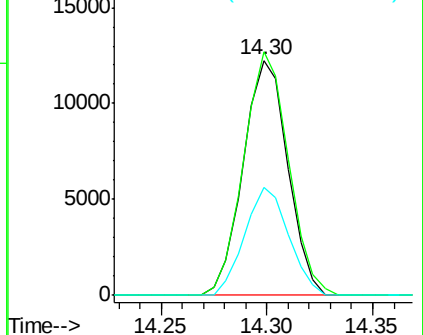
160 45.7 36.6 55.0



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: 134.782 ng

RT: 15.80 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BN005130.D

Acq: 10 Apr 2019 16:30

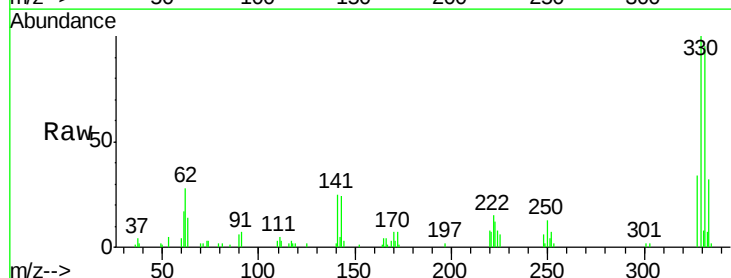
Tgt Ion:330 Resp: 39028

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.0

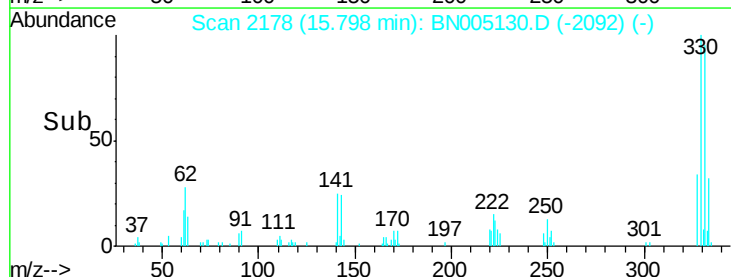
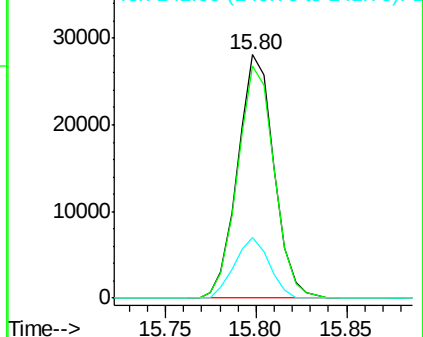
141 23.6 22.1 33.1

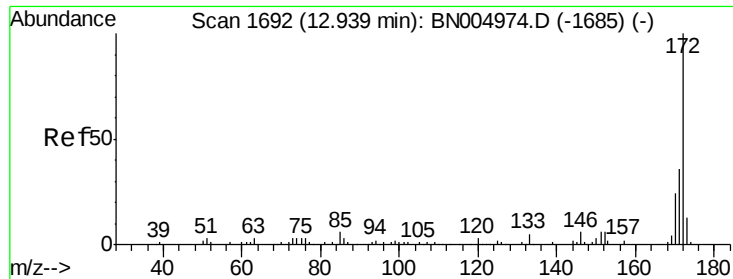


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

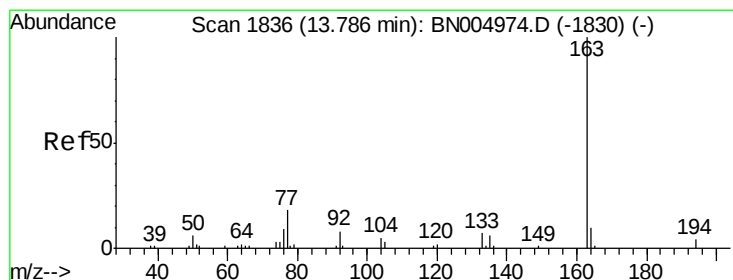
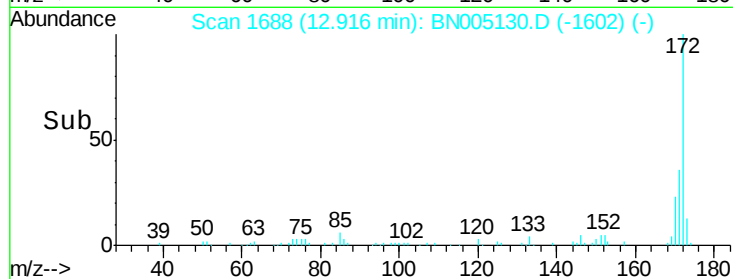
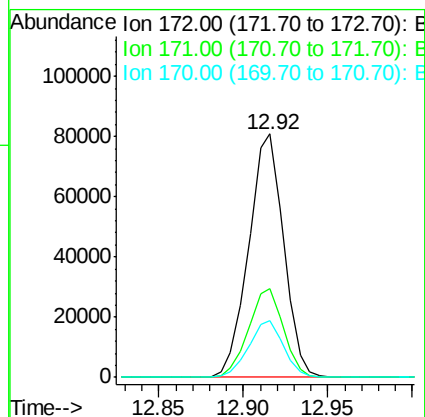
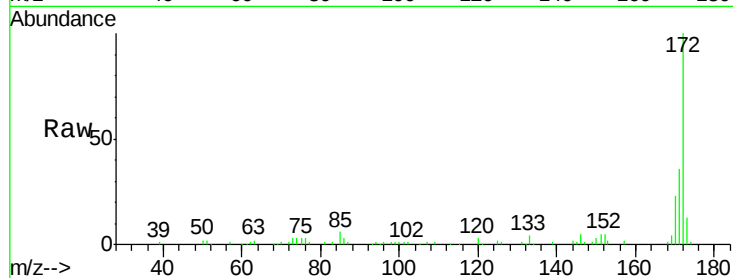




#45
2-Fluorobiphenyl
Concen: 86.245 ng
RT: 12.92 min Scan# 1688
Delta R.T. -0.02 min
Lab File: BN005130.D
Acq: 10 Apr 2019 16:30

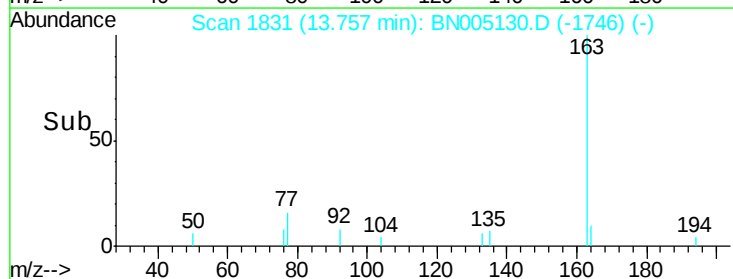
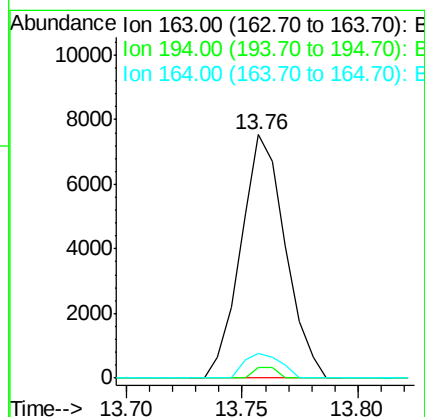
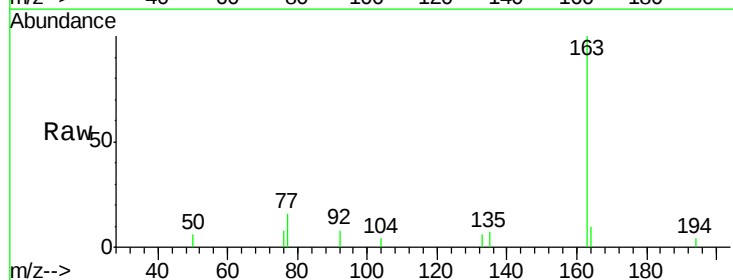
Instrument :
BNA_N
ClientSampled :

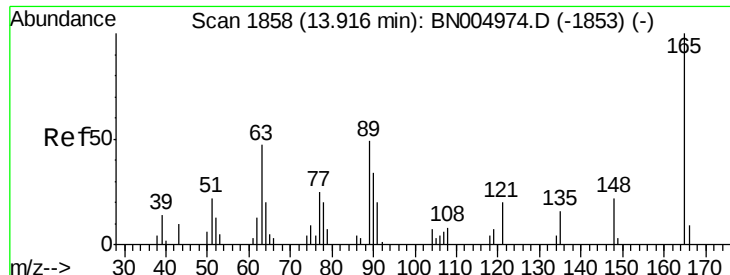
Tot Ion:172 Resp: 116852
Ion Ratio Lower Upper
172 100
171 36.3 28.6 42.8
170 23.3 18.9 28.3



#50
Dimethylphthalate
Concen: 6.868 ng
RT: 13.76 min Scan# 1831
Delta R.T. -0.03 min
Lab File: BN005130.D
Acq: 10 Apr 2019 16:30

Tgt Ion:163 Resp: 10131
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.2 8.3 12.5

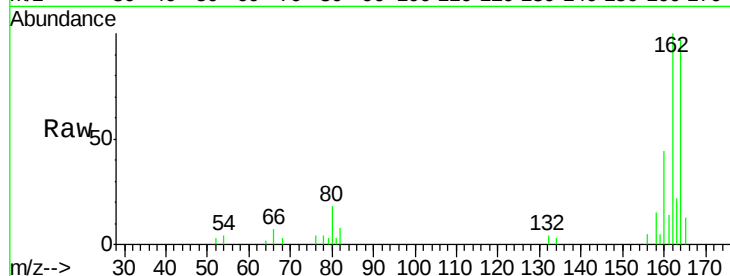




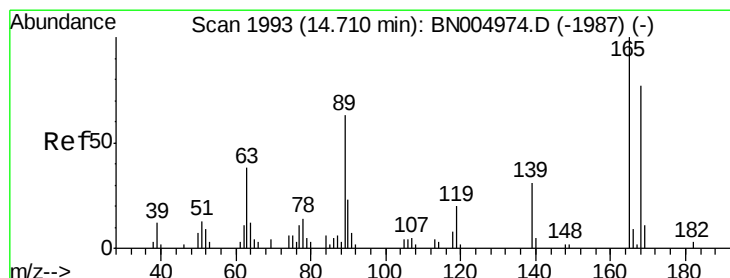
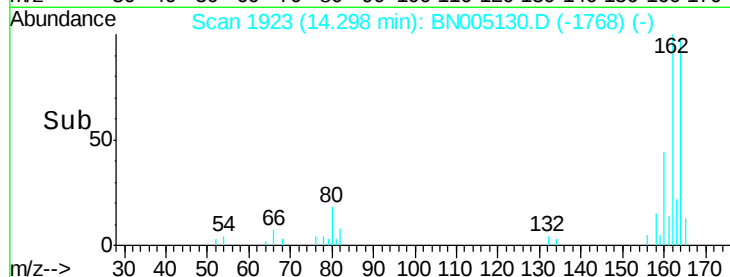
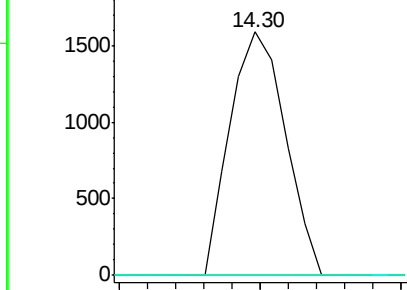
#51
 2,6-Dinitrotoluene
 Concen: 6.453 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. 0.38 min
 Lab File: BN005130.D
 Acq: 10 Apr 2019 16:30

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:165 Resp: 2166
 Ion Ratio Lower Upper
 165 100
 63 0.0 37.3 55.9#
 89 0.0 39.2 58.8#



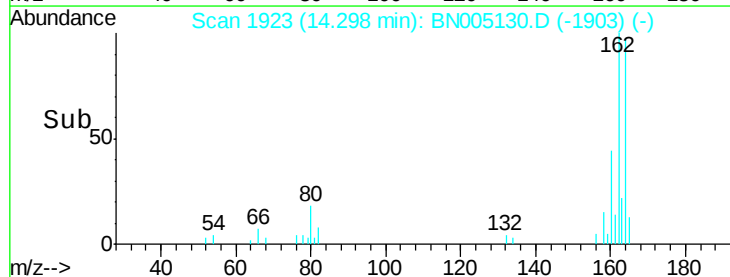
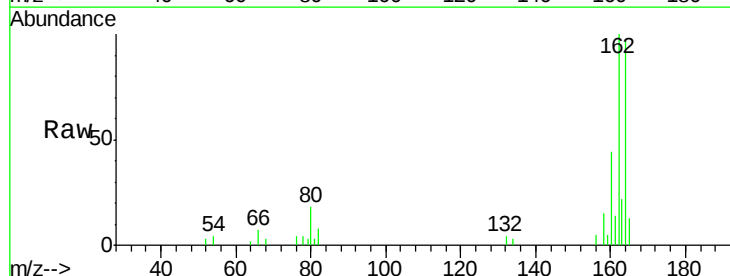
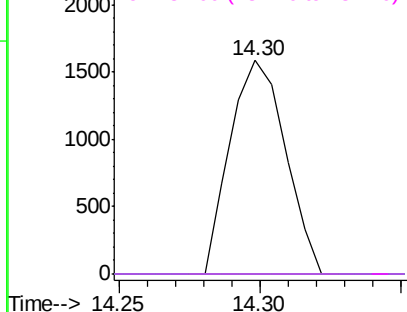
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 89.00 (88.70 to 89.70): BNC

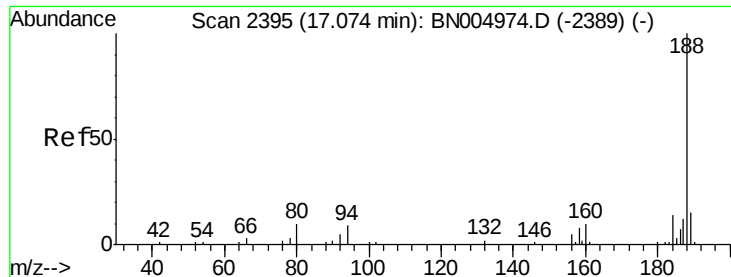


#57
 2,4-Dinitrotoluene
 Concen: 4.748 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. -0.41 min
 Lab File: BN005130.D
 Acq: 10 Apr 2019 16:30

Tgt Ion:165 Resp: 2166
 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: BN005130.D

Acq: 10 Apr 2019 16:30

Instrument :

BNA_N

ClientSampleId :

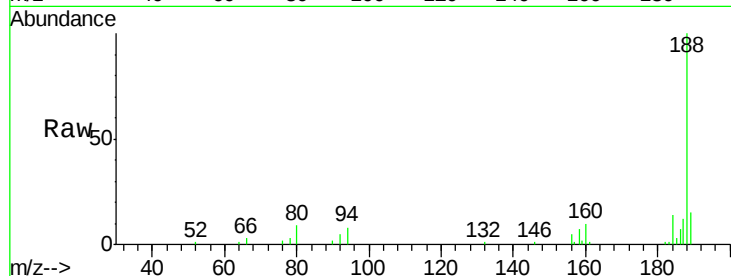
Tot Ion:188 Resp: 37724

Ion Ratio Lower Upper

188 100

94 8.2 7.2 10.8

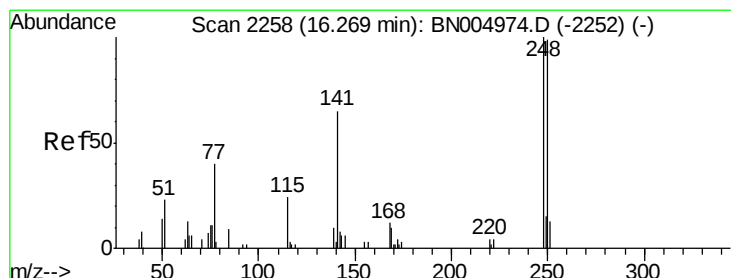
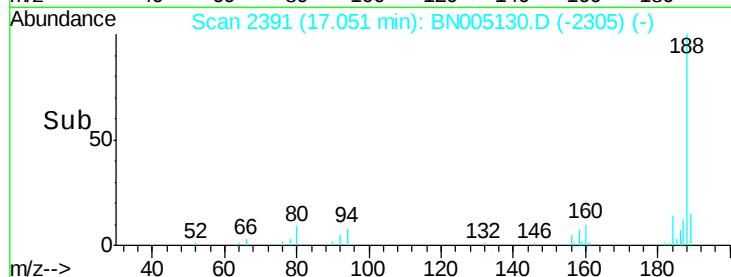
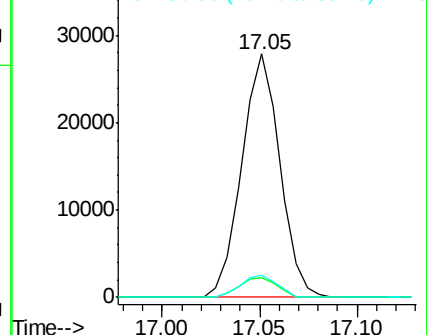
80 9.0 7.8 11.6



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: 4.529 ng

RT: 15.80 min Scan# 2178

Delta R.T. -0.47 min

Lab File: BN005130.D

Acq: 10 Apr 2019 16:30

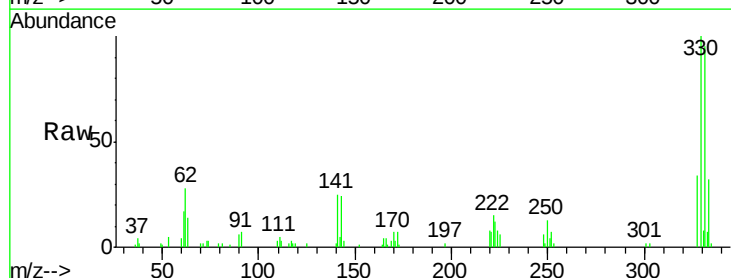
Tgt Ion:248 Resp: 2132

Ion Ratio Lower Upper

248 100

250 204.6 79.4 119.2#

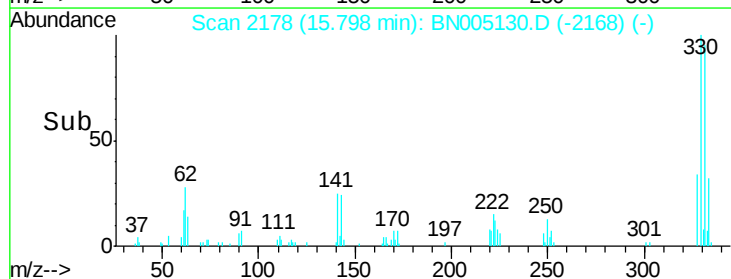
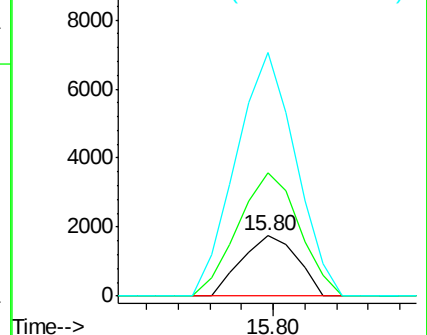
141 403.0 52.3 78.5#

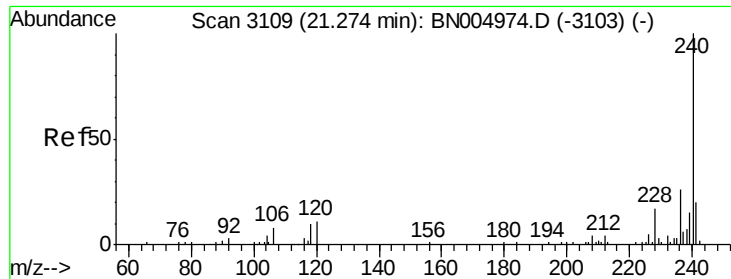


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

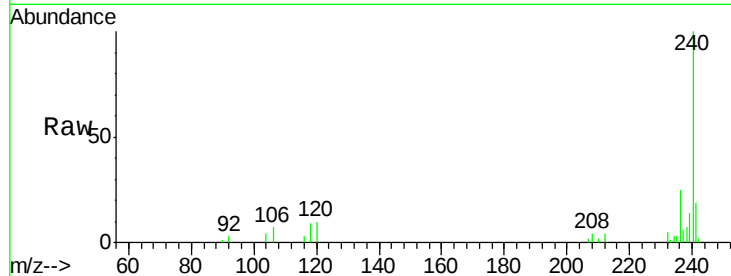




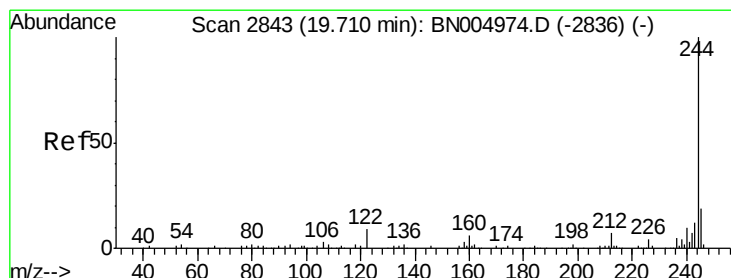
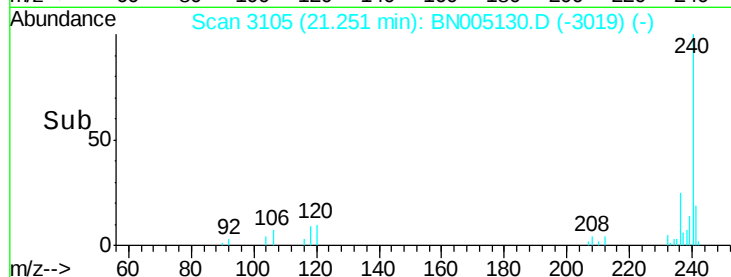
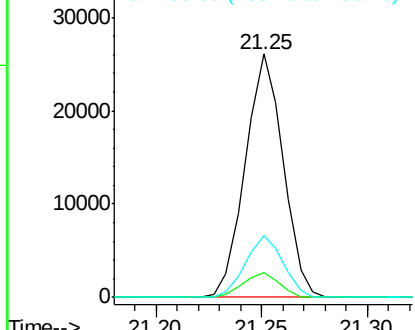
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.02 min
Lab File: BN005130.D
Acq: 10 Apr 2019 16:30

Instrument :
BNA_N
ClientSampleId :

Tot Ion:240 Resp: 32552
Ion Ratio Lower Upper
240 100
120 10.1 8.5 12.7
236 25.2 21.2 31.8

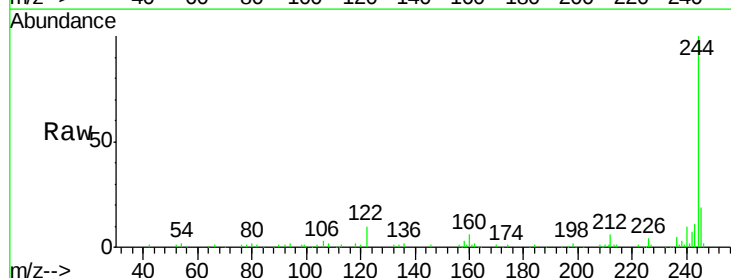


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

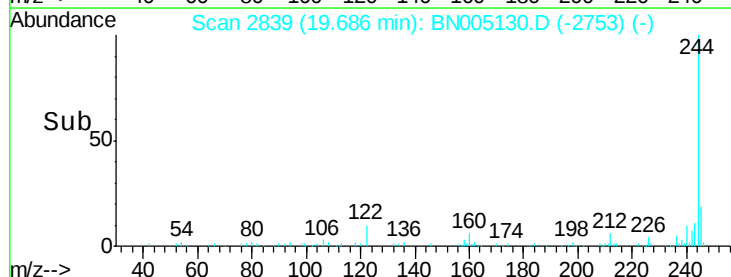
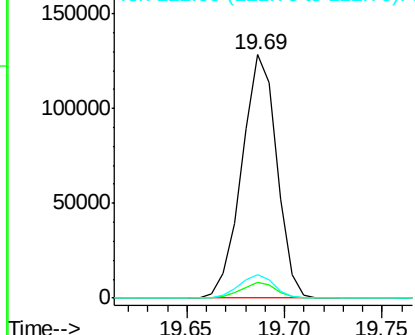


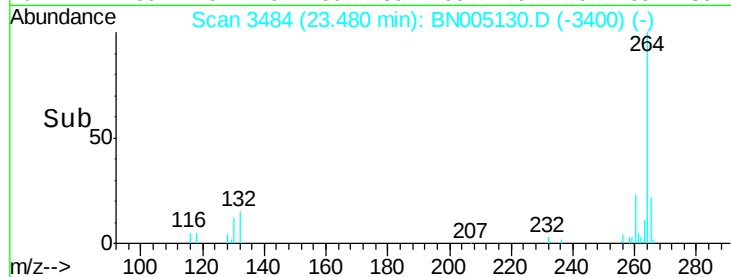
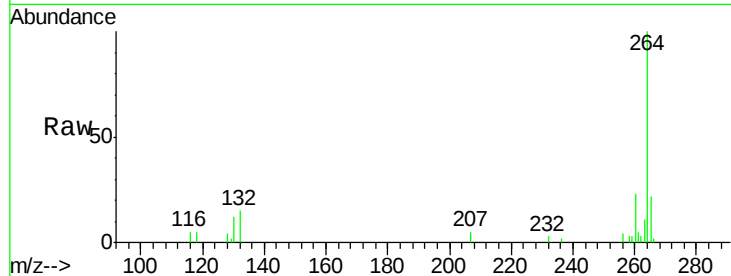
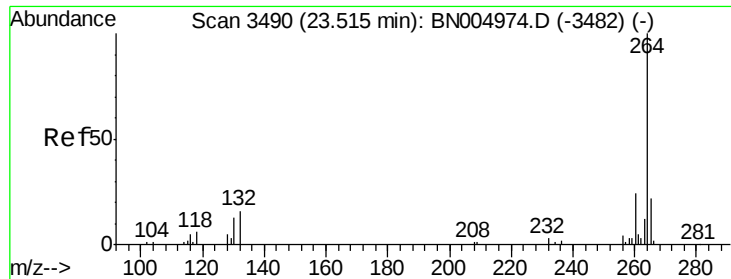
#79
Terphenyl-d14
Concen: 94.458 ng
RT: 19.69 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BN005130.D
Acq: 10 Apr 2019 16:30

Tgt Ion:244 Resp: 159710
Ion Ratio Lower Upper
244 100
212 6.4 5.4 8.0
122 9.7 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: BN005130.D
Acq: 10 Apr 2019 16:30

Instrument :
BNA_N
ClientSampleId :

Tot Ion:	264	Resp:	33011
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.4
265	21.7	17.2	25.8

