

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041019\
 Data File : BN005134.D
 Acq On : 10 Apr 2019 18:54
 Operator : JU/SJ
 Sample : K2311-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 11 07:32:42 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

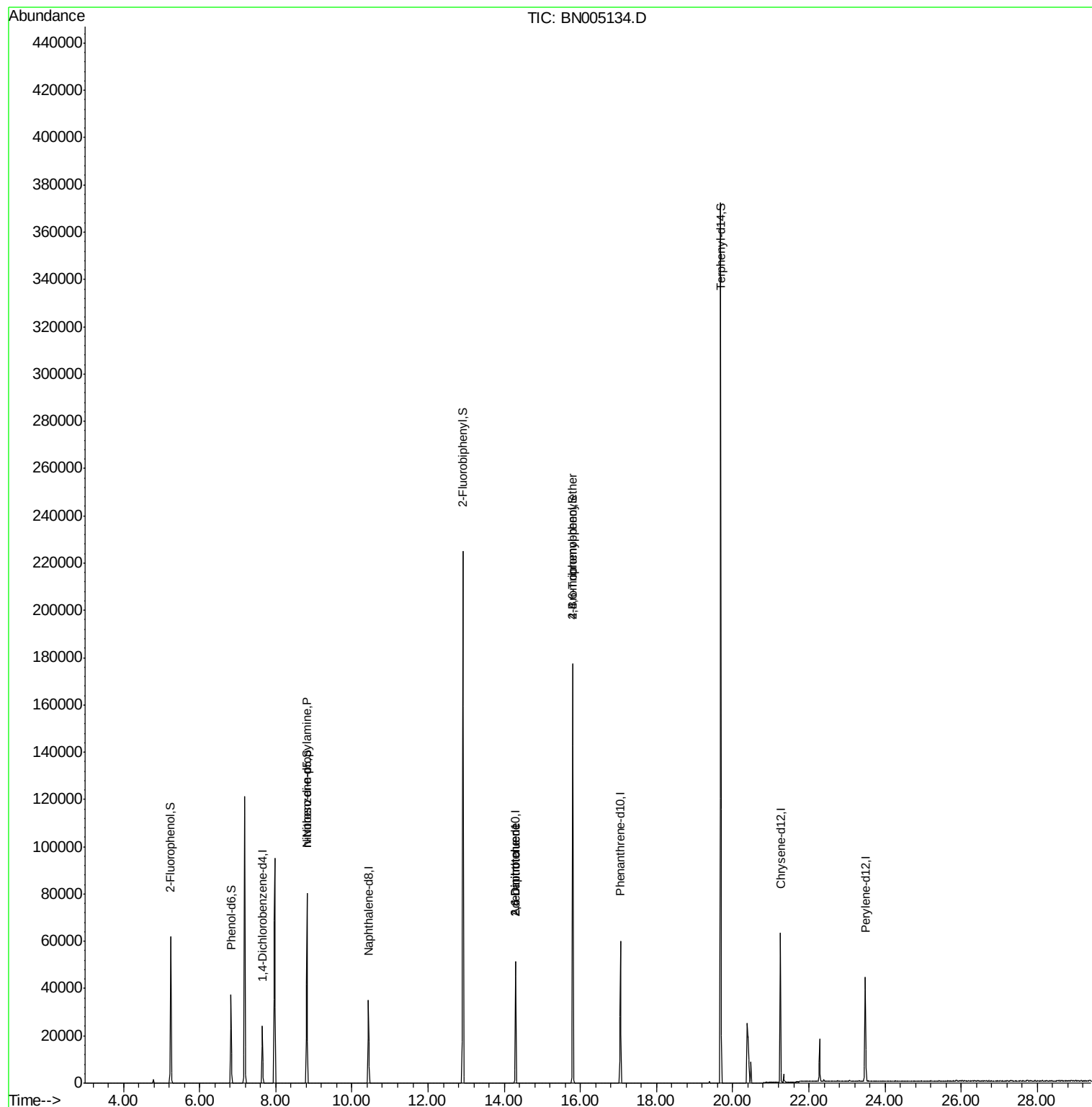
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	8086	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	32648	20.00	ng	-0.03
39) Acenaphthene-d10	14.30	164	18289	20.00	ng	-0.03
64) Phenanthrene-d10	17.05	188	38241	20.00	ng	-0.02
76) Chrysene-d12	21.25	240	33672	20.00	ng	-0.02
87) Perylene-d12	23.48	264	35860	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	30413	65.03	ng	-0.03
7) Phenol-d6	6.83	99	24403	39.34	ng	-0.03
23) Nitrobenzene-d5	8.82	82	46669	86.47	ng	-0.03
42) 2,4,6-Tribromophenol	15.80	330	40819	138.38	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	124123	89.93	ng	-0.02
79) Terphenyl-d14	19.69	244	180019	102.93	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.82	70	5973	14.688	ng	# 74
51) 2,6-Dinitrotoluene	14.30	165	2212	6.470	ng	# 29
57) 2,4-Dinitrotoluene	14.30	165	2212	4.760	ng	# 27
67) 4-Bromophenyl-phenylether	15.80	248	2263	4.742	ng	# 1

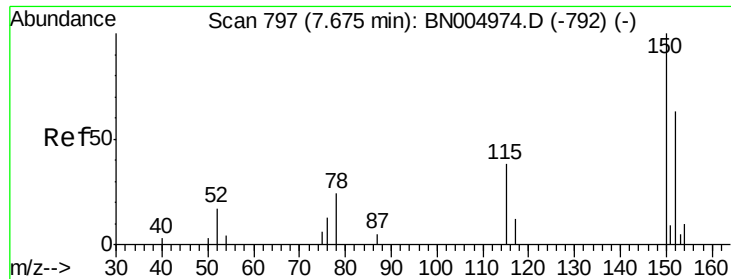
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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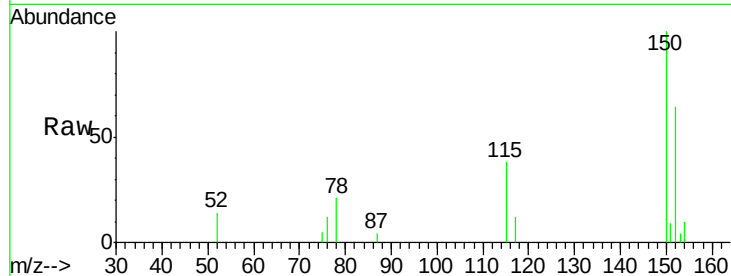


#1

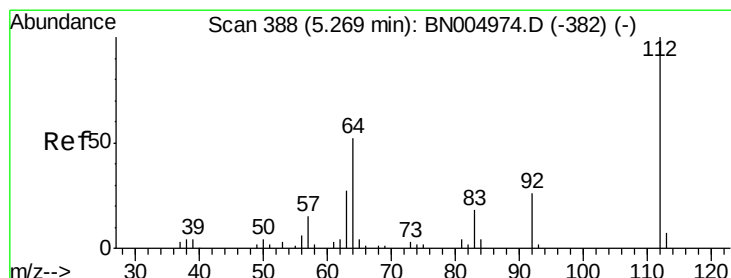
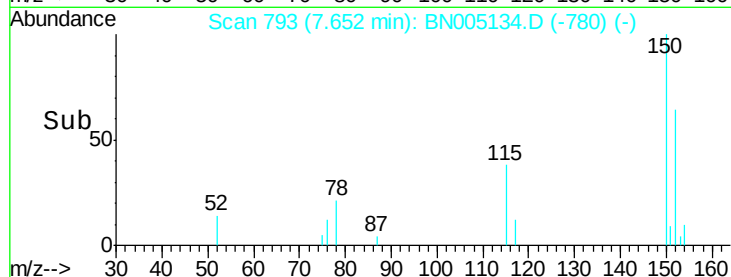
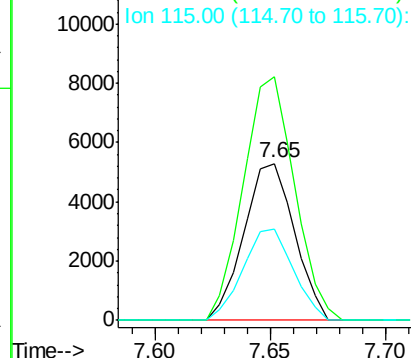
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BN005134.D
Acq: 10 Apr 2019 18:54

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 8086
Ion Ratio Lower Upper
152 100
150 155.3 126.9 190.3
115 58.3 47.8 71.6



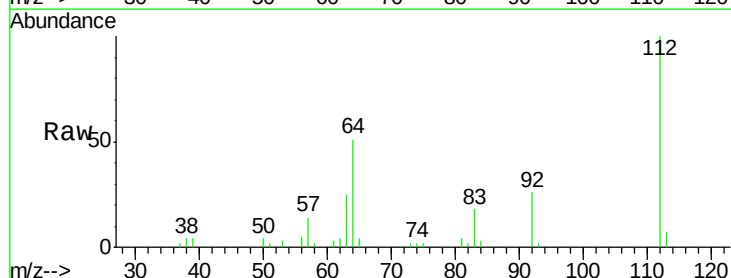
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



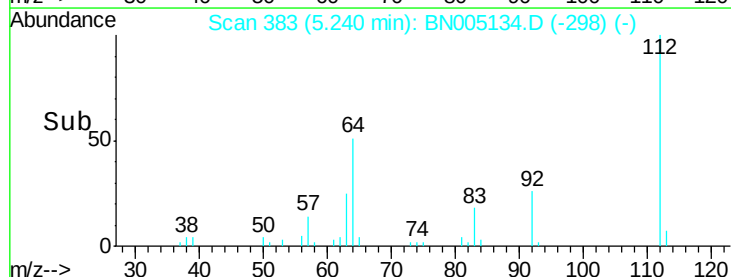
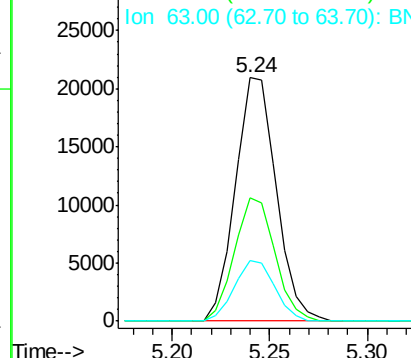
#5

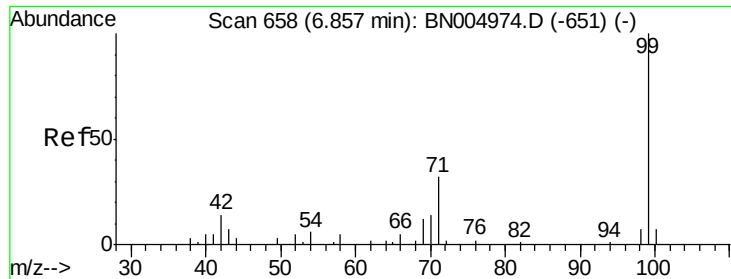
2-Fluorophenol
Concen: 65.027 ng
RT: 5.24 min Scan# 383
Delta R.T. -0.03 min
Lab File: BN005134.D
Acq: 10 Apr 2019 18:54

Tgt Ion:112 Resp: 30413
Ion Ratio Lower Upper
112 100
64 50.5 41.9 62.9
63 24.9 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: 39.339 ng

RT: 6.83 min Scan# 653

Delta R.T. -0.03 min

Lab File: BN005134.D

Acq: 10 Apr 2019 18:54

Instrument :

BNA_N

ClientSampleId :

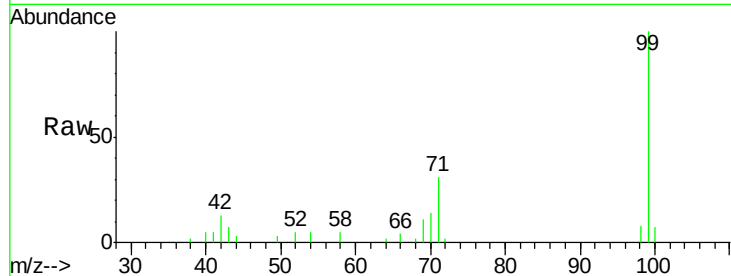
Tot Ion: 99 Resp: 24403

Ion Ratio Lower Upper

99 100

42 13.0 11.4 17.0

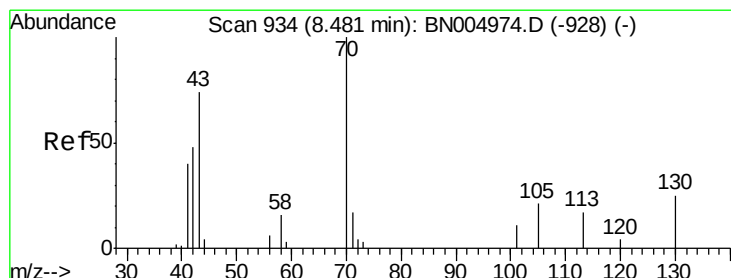
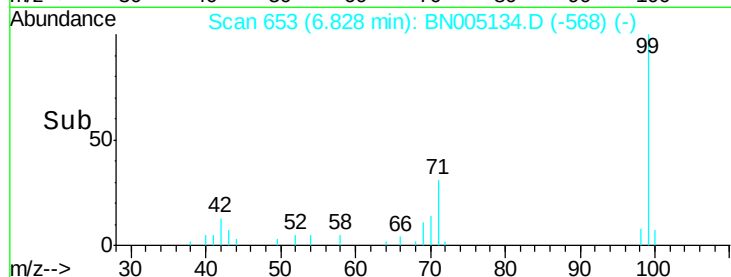
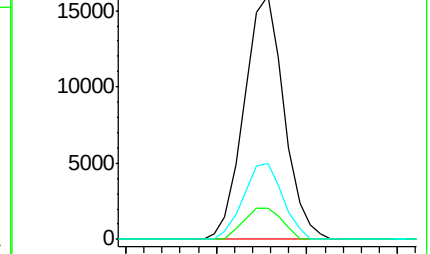
71 30.9 25.8 38.8



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: 14.688 ng

RT: 8.82 min Scan# 991

Delta R.T. 0.34 min

Lab File: BN005134.D

Acq: 10 Apr 2019 18:54

Tgt Ion: 70 Resp: 5973

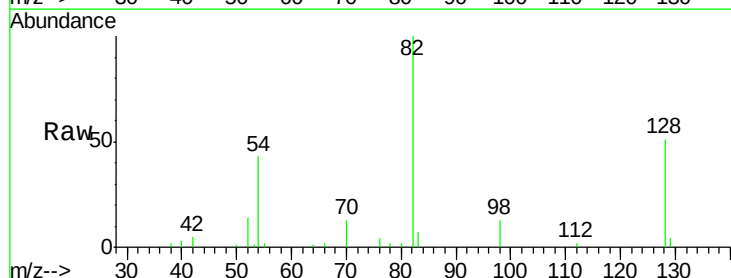
Ion Ratio Lower Upper

70 100

42 38.6 38.4 57.6

101 0.0 8.8 13.2#

130 0.0 19.8 29.8#

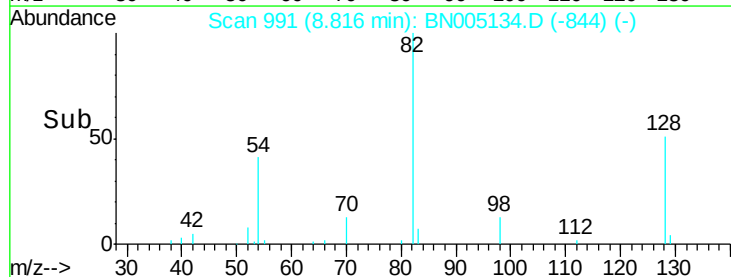
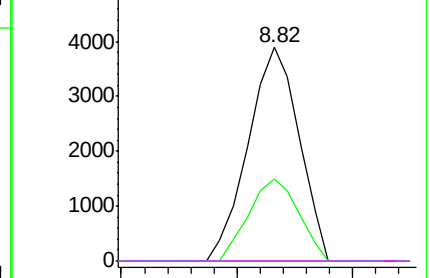


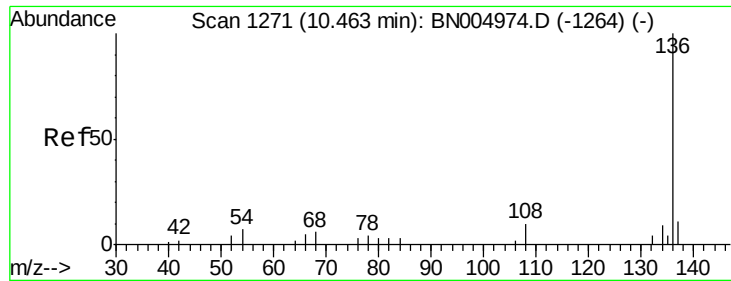
Abundance Ion 70.00 (69.70 to 70.70): BN004974.D (-928) (-)

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) (-)

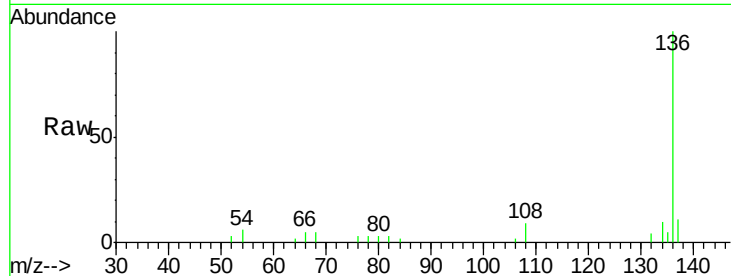




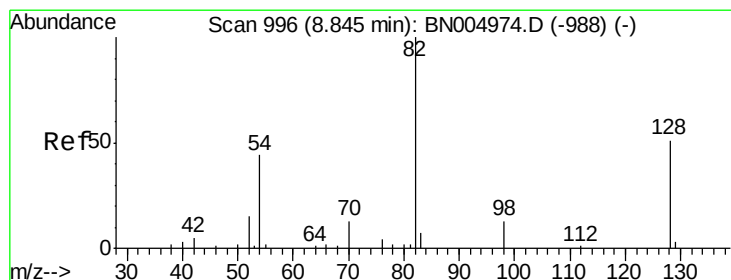
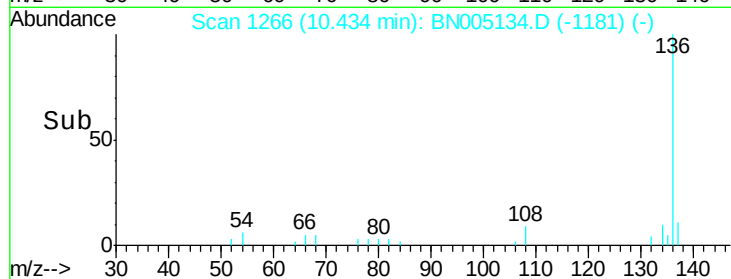
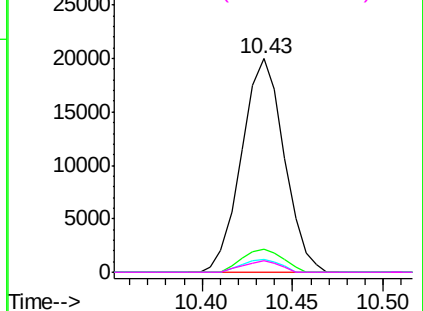
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.03 min
Lab File: BN005134.D
Acq: 10 Apr 2019 18:54

Instrument :
BNA_N
ClientSampleId :

Tot Ion:136	Resp:	32648
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.9 13.3
54	6.1	5.3 7.9
68	5.2	4.6 6.8

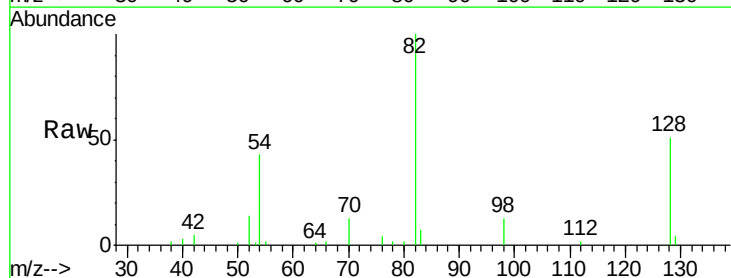


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

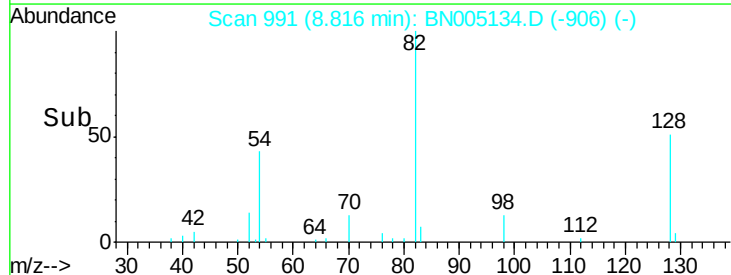
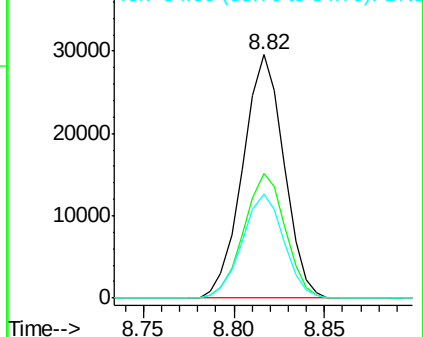


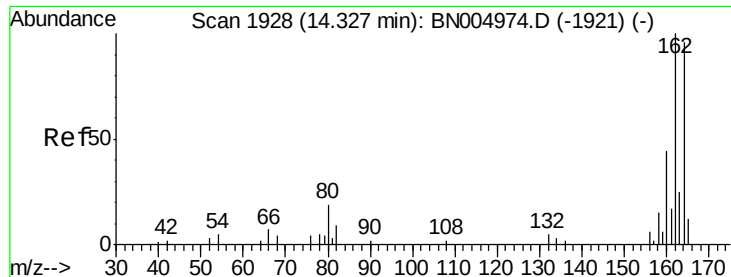
#23
Nitrobenzene-d5
Concen: 86.470 ng
RT: 8.82 min Scan# 991
Delta R.T. -0.03 min
Lab File: BN005134.D
Acq: 10 Apr 2019 18:54

Tgt Ion: 82	Resp:	46669
Ion	Ratio	Lower Upper
82	100	
128	51.1	40.6 60.8
54	42.8	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

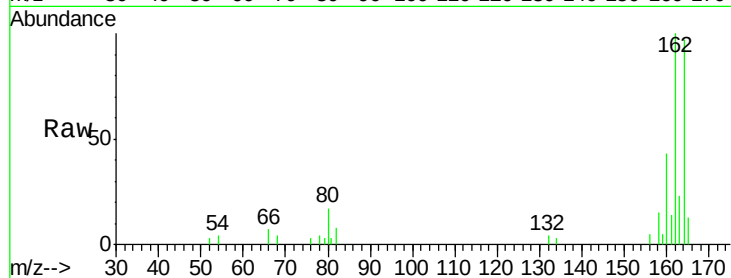




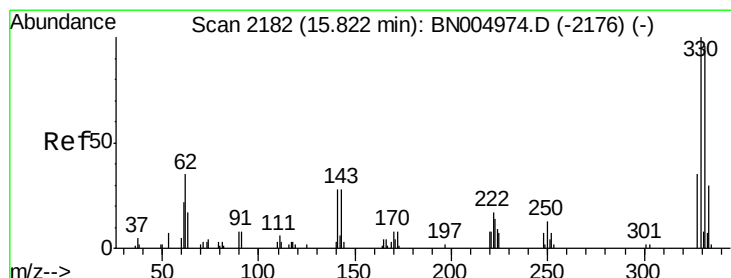
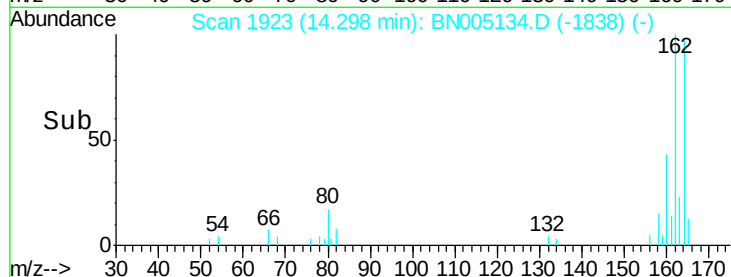
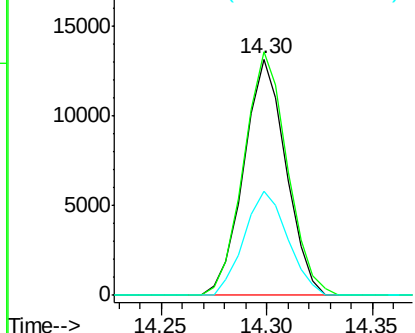
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1923
Delta R.T. -0.03 min
Lab File: BN005134.D
Acq: 10 Apr 2019 18:54

Instrument :
BNA_N
ClientSampleId :

Tot Ion:164 Resp: 18289
Ion Ratio Lower Upper
164 100
162 103.1 83.4 125.0
160 44.2 36.6 55.0

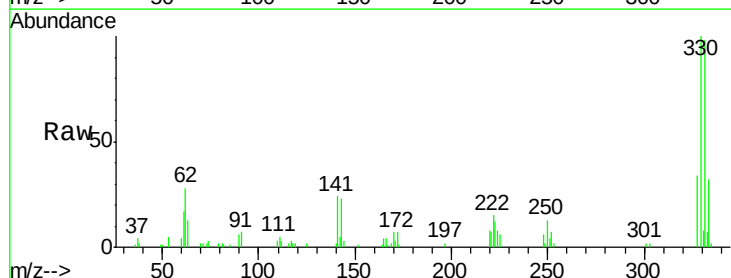


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

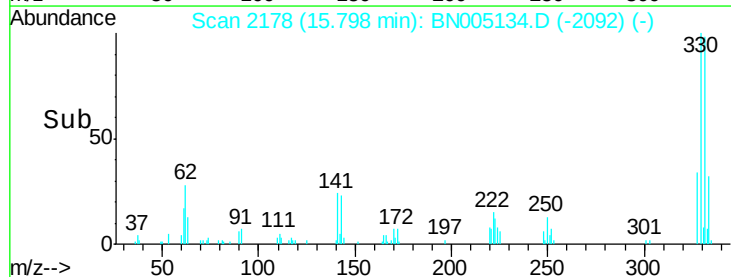
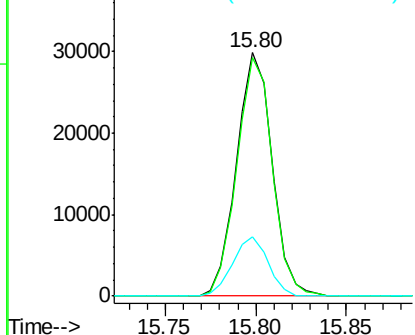


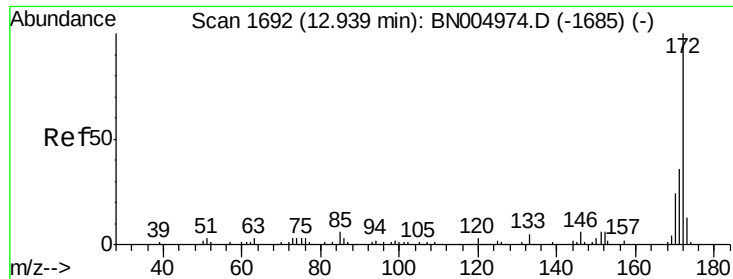
#42
2,4,6-Tribromophenol
Concen: 138.385 ng
RT: 15.80 min Scan# 2178
Delta R.T. -0.02 min
Lab File: BN005134.D
Acq: 10 Apr 2019 18:54

Tgt Ion:330 Resp: 40819
Ion Ratio Lower Upper
330 100
332 97.9 77.4 116.0
141 24.0 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

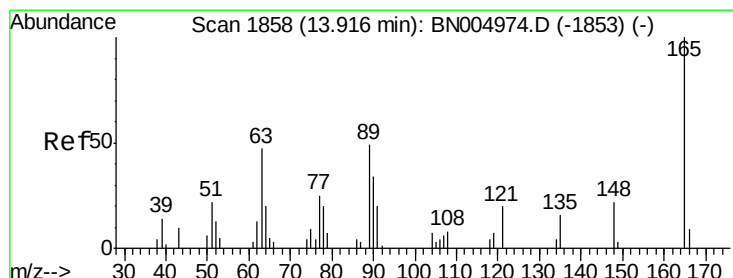
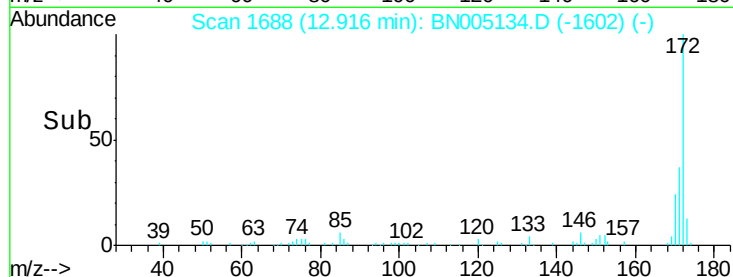
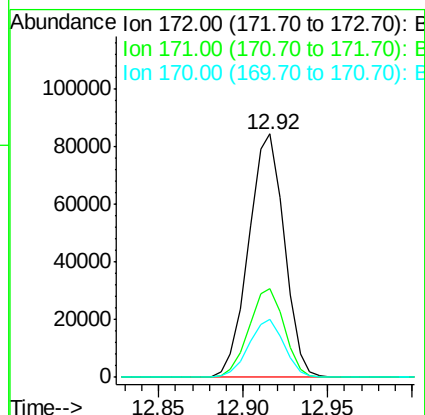
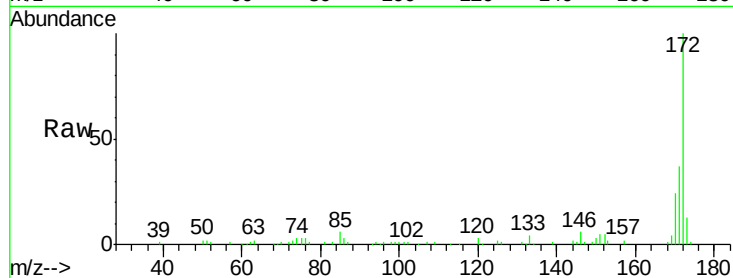




#45
2-Fluorobiphenyl
Concen: 89.933 ng
RT: 12.92 min Scan# 1688
Delta R.T. -0.02 min
Lab File: BN005134.D
Acq: 10 Apr 2019 18:54

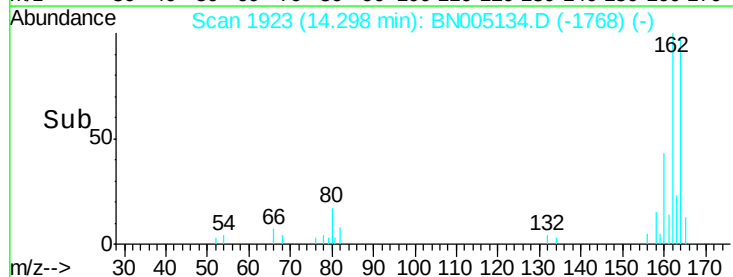
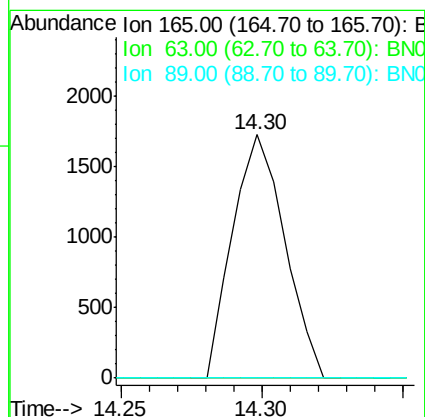
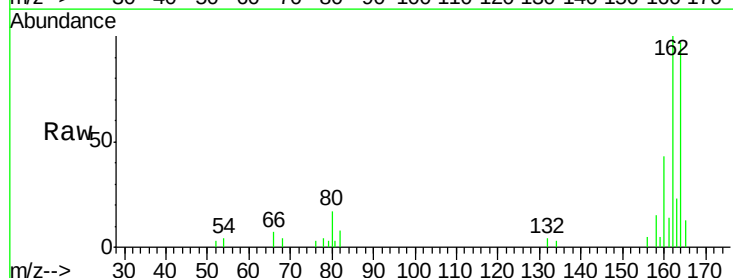
Instrument :
BNA_N
ClientSampled :

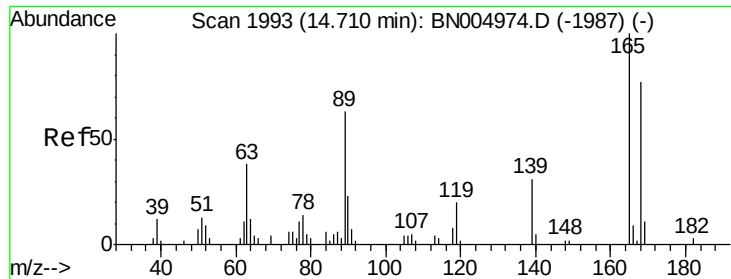
Tot Ion:172 Resp: 124123
Ion Ratio Lower Upper
172 100
171 36.6 28.6 42.8
170 23.7 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 6.470 ng
RT: 14.30 min Scan# 1923
Delta R.T. 0.38 min
Lab File: BN005134.D
Acq: 10 Apr 2019 18:54

Tgt Ion:165 Resp: 2212
Ion Ratio Lower Upper
165 100
63 0.0 37.3 55.9#
89 0.0 39.2 58.8#

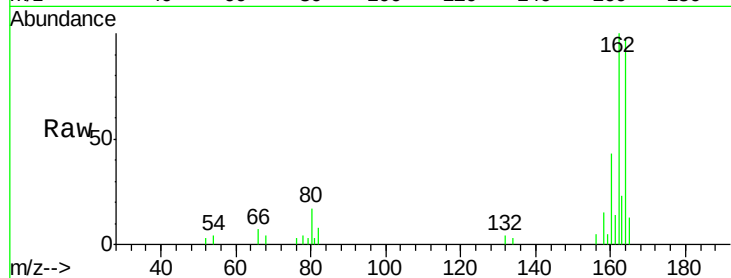




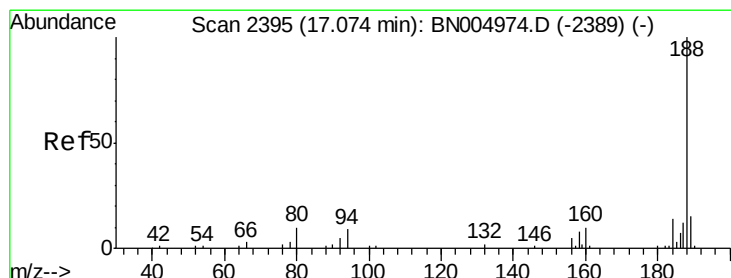
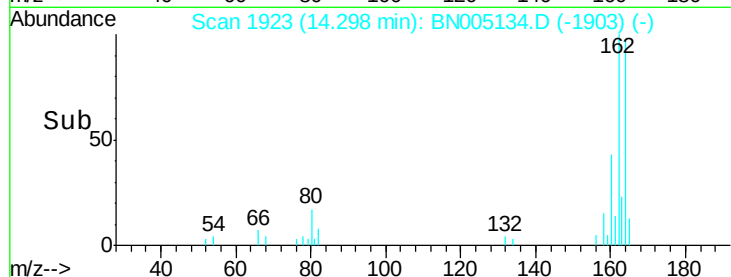
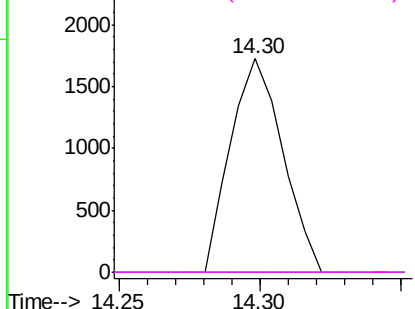
#57
 2,4-Dinitrotoluene
 Concen: 4.760 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. -0.41 min
 Lab File: BN005134.D
 Acq: 10 Apr 2019 18:54

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:165 Resp: 2212
 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#

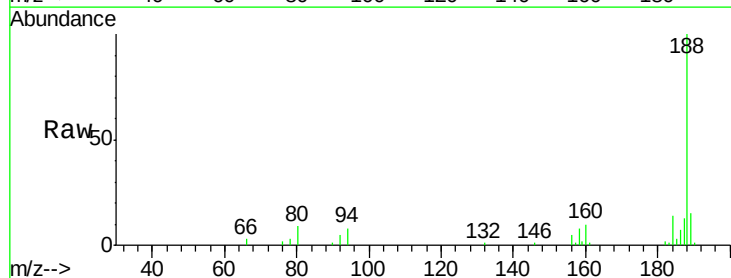


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 89.00 (88.70 to 89.70): BNC
 Ion 182.00 (181.70 to 182.70): E

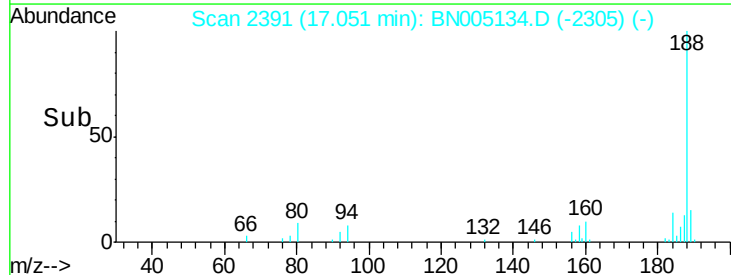
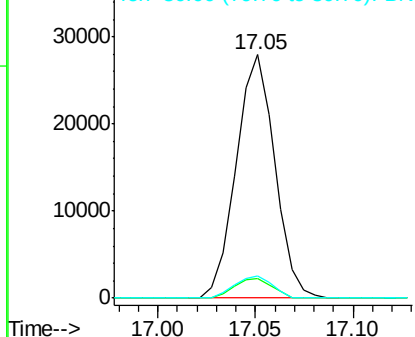


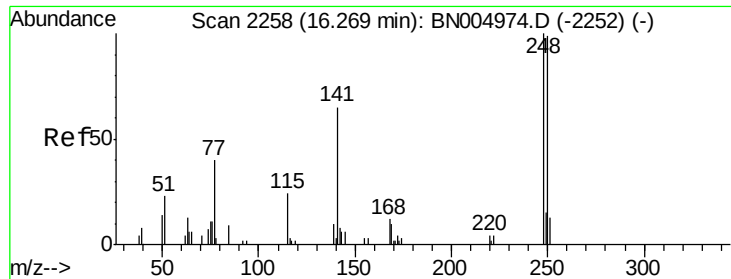
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.05 min Scan# 2391
 Delta R.T. -0.02 min
 Lab File: BN005134.D
 Acq: 10 Apr 2019 18:54

Tgt Ion:188 Resp: 38241
 Ion Ratio Lower Upper
 188 100
 94 8.1 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

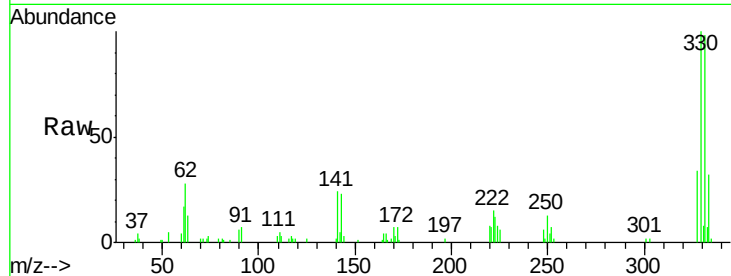




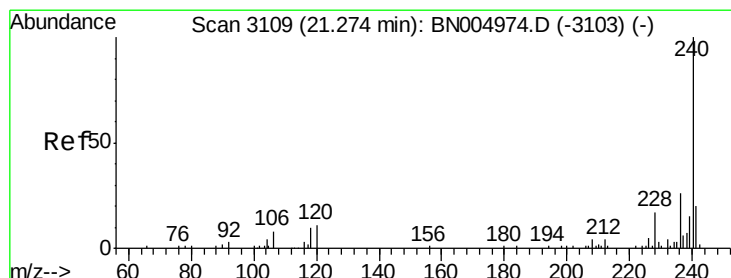
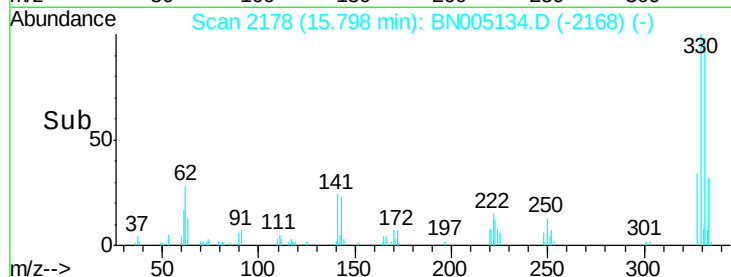
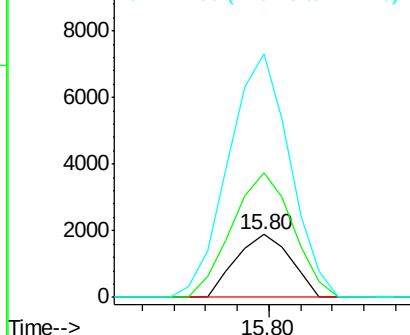
#67
 4-Bromophenyl-phenylether
 Concen: 4.742 ng
 RT: 15.80 min Scan# 2178
 Delta R.T. -0.47 min
 Lab File: BN005134.D
 Acq: 10 Apr 2019 18:54

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:248 Resp: 2263
 Ion Ratio Lower Upper
 248 100
 250 198.5 79.4 119.2#
 141 386.0 52.3 78.5#

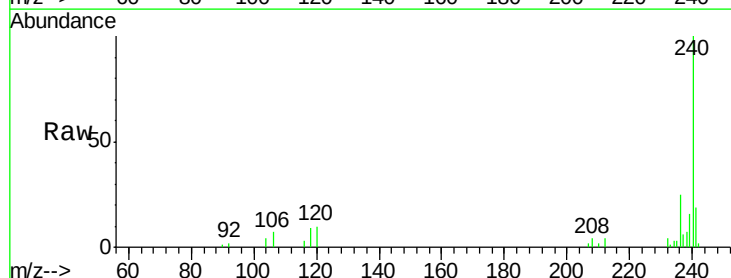


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

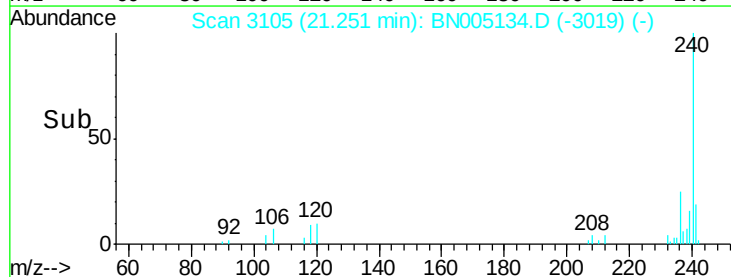
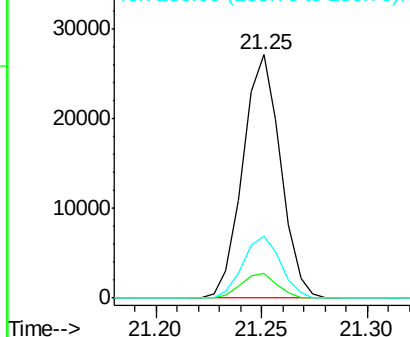


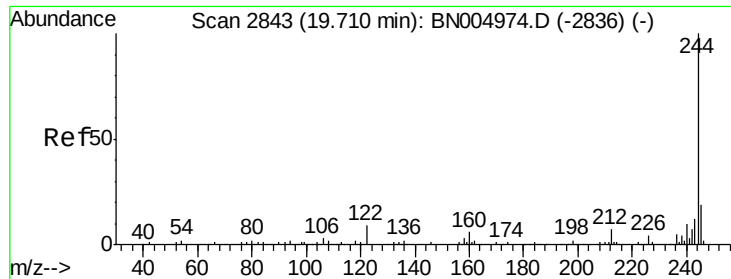
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.25 min Scan# 3105
 Delta R.T. -0.02 min
 Lab File: BN005134.D
 Acq: 10 Apr 2019 18:54

Tgt Ion:240 Resp: 33672
 Ion Ratio Lower Upper
 240 100
 120 10.1 8.5 12.7
 236 25.5 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: 102.928 ng

RT: 19.69 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BN005134.D

Acq: 10 Apr 2019 18:54

Instrument :

BNA_N

ClientSampleId :

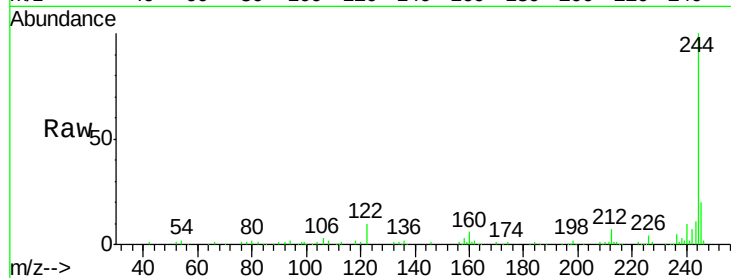
Tot Ion:244 Resp: 180019

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

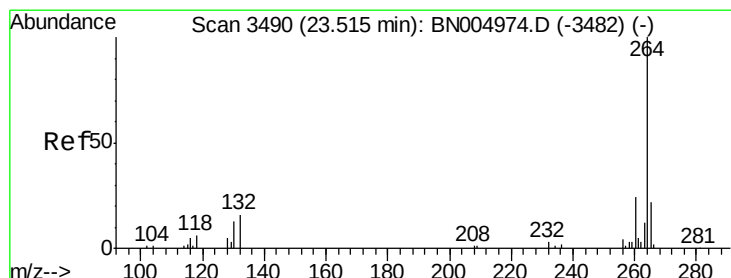
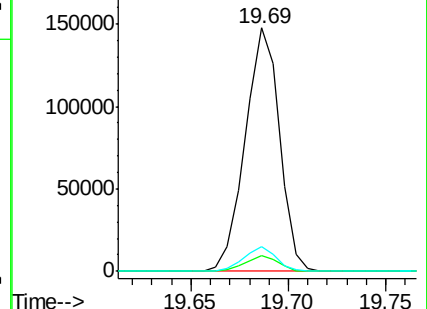
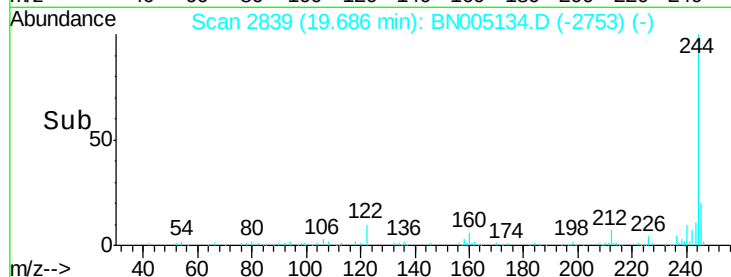
122 10.1 7.4 11.2



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: 23.48 min Scan# 3484

Delta R.T. -0.04 min

Lab File: BN005134.D

Acq: 10 Apr 2019 18:54

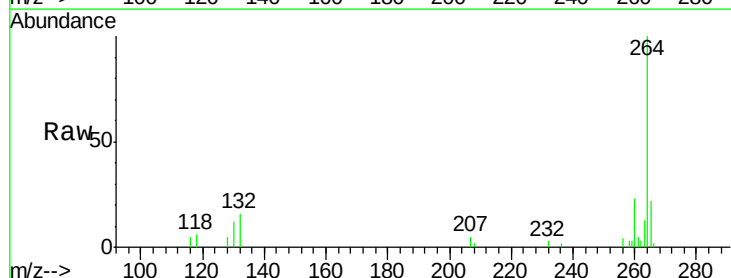
Tgt Ion:264 Resp: 35860

Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.4

265 21.8 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

