

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040419\
 Data File : BN005097.D
 Acq On : 04 Apr 2019 17:30
 Operator : JU/SJ
 Sample : PB118598BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB118598BL

Quant Time: Apr 05 03:05:45 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

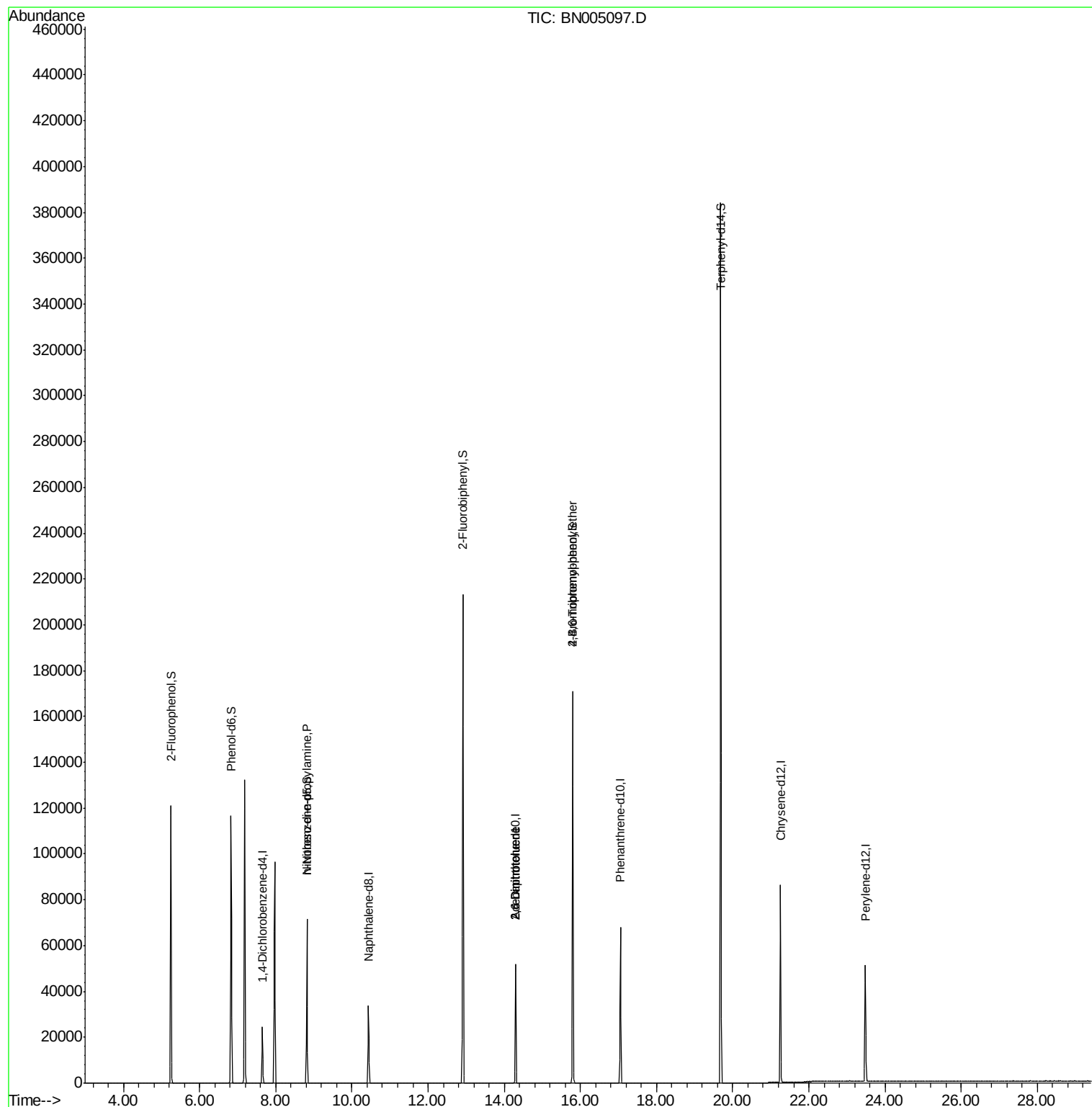
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	7901	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	31974	20.00	ng	-0.03
39) Acenaphthene-d10	14.30	164	19082	20.00	ng	-0.03
64) Phenanthrene-d10	17.05	188	43826	20.00	ng	-0.02
76) Chrysene-d12	21.25	240	44301	20.00	ng	-0.02
87) Perylene-d12	23.48	264	41983	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	57274	125.33	ng	-0.02
7) Phenol-d6	6.83	99	74019	122.12	ng	-0.03
23) Nitrobenzene-d5	8.82	82	40893	77.37	ng	-0.03
42) 2,4,6-Tribromophenol	15.80	330	39029	126.82	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	119233	82.80	ng	-0.02
79) Terphenyl-d14	19.69	244	194285	84.43	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.82	70	5172	13.016	ng	# 74
51) 2,6-Dinitrotoluene	14.30	165	2309	6.473	ng	# 29
57) 2,4-Dinitrotoluene	14.30	165	2309	4.763	ng	# 27
67) 4-Bromophenyl-phenylether	15.80	248	2190	4.004	ng	# 1

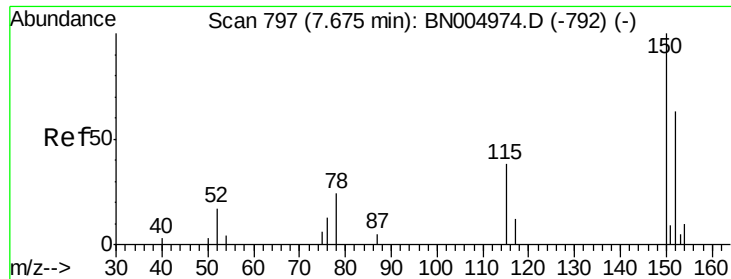
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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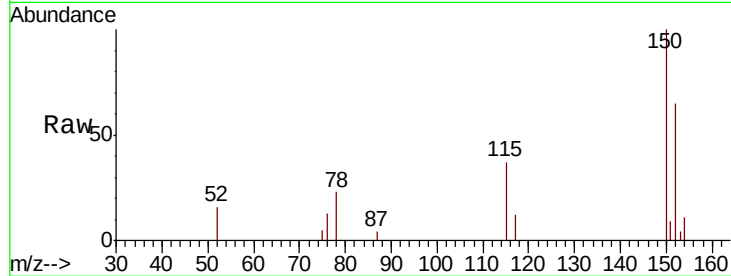


#1

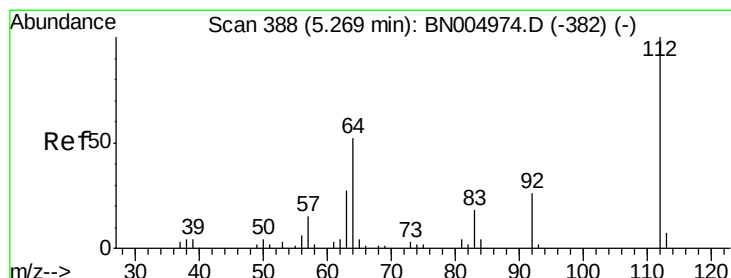
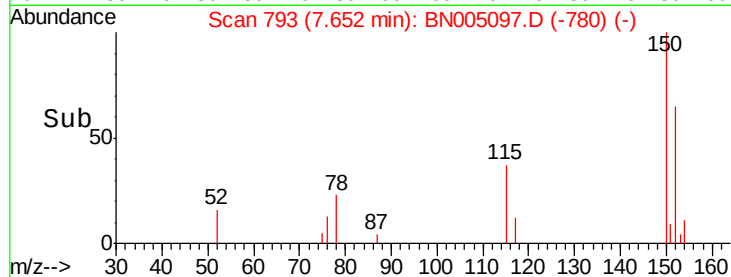
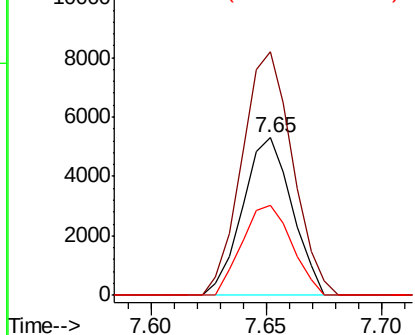
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BN005097.D
Acq: 04 Apr 2019 17:30

Instrument :
BNA_N
ClientSampleId :
PB118598BL

Tgt Ion:152 Resp: 7901
Ion Ratio Lower Upper
152 100
150 154.8 126.9 190.3
115 57.6 47.8 71.6



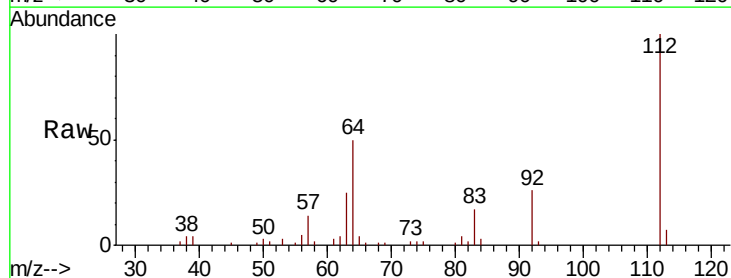
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



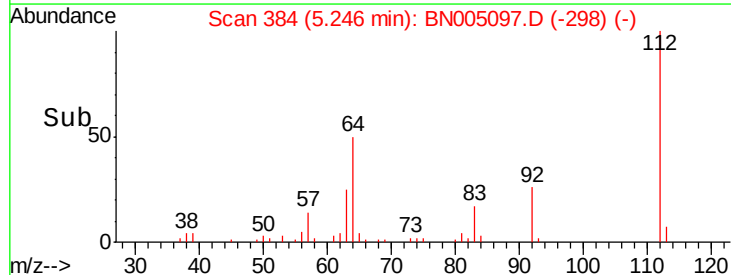
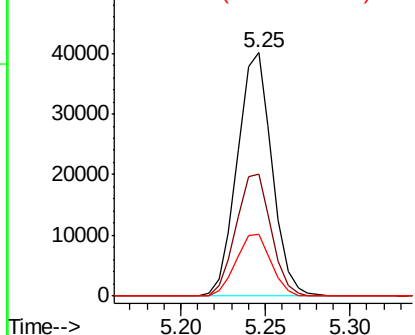
#5

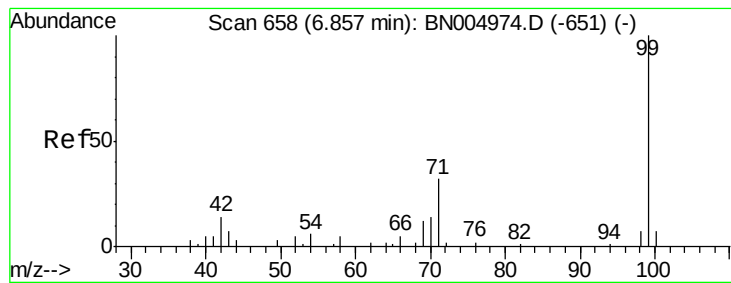
2-Fluorophenol
Concen: 125.327 ng
RT: 5.25 min Scan# 384
Delta R.T. -0.02 min
Lab File: BN005097.D
Acq: 04 Apr 2019 17:30

Tgt Ion:112 Resp: 57274
Ion Ratio Lower Upper
112 100
64 49.9 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: 122.117 ng

RT: 6.83 min Scan# 653

Delta R.T. -0.03 min

Lab File: BN005097.D

Acq: 04 Apr 2019 17:30

Instrument :

BNA_N

ClientSampleId :

PB118598BL

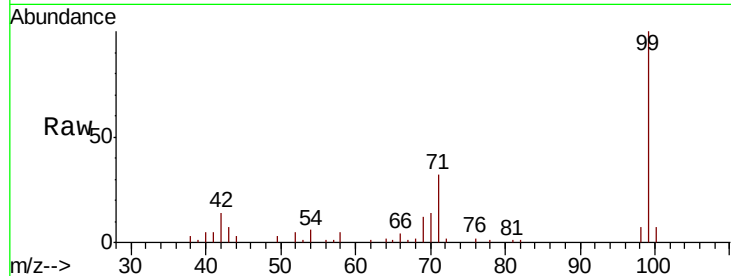
Tgt Ion: 99 Resp: 74019

Ion Ratio Lower Upper

99 100

42 13.6 11.4 17.0

71 32.3 25.8 38.8

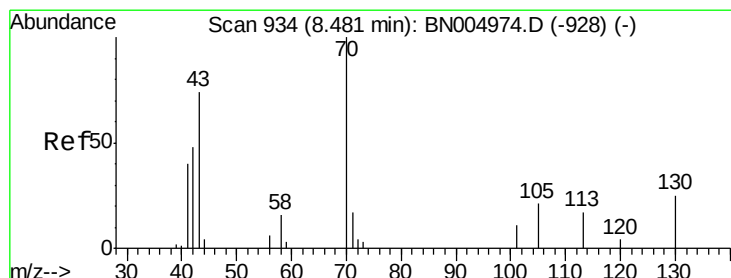
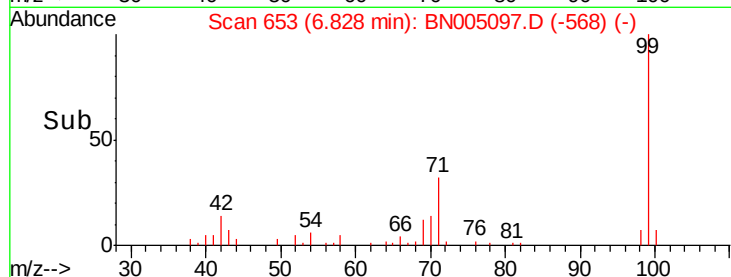
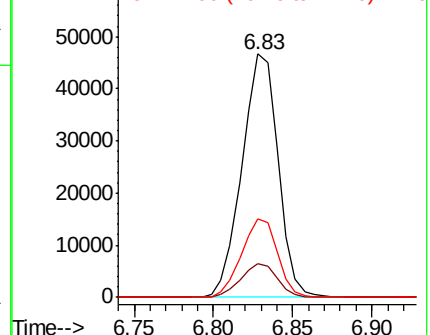


Abundance

Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0



#19

n-Nitroso-di-n-propylamine

Concen: 13.016 ng

RT: 8.82 min Scan# 991

Delta R.T. 0.34 min

Lab File: BN005097.D

Acq: 04 Apr 2019 17:30

Tgt Ion: 70 Resp: 5172

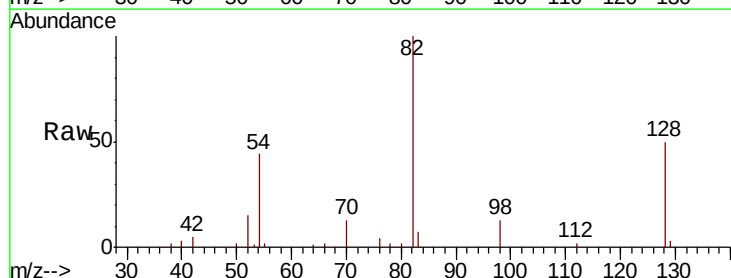
Ion Ratio Lower Upper

70 100

42 38.9 38.4 57.6

101 0.0 8.8 13.2#

130 0.0 19.8 29.8#



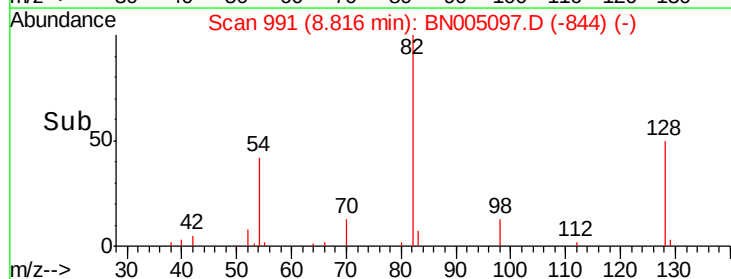
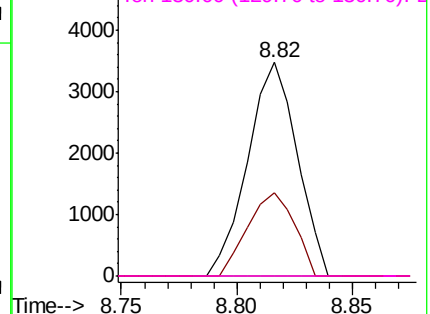
Abundance

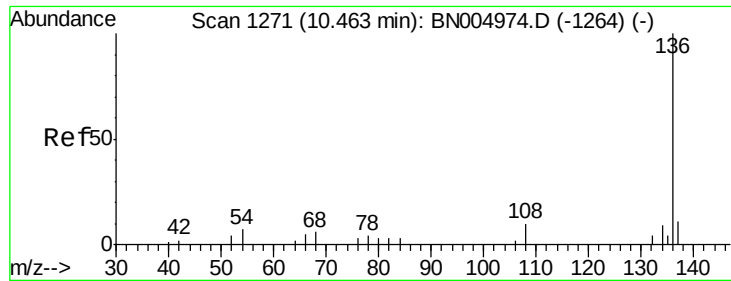
Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 101.00 (100.70 to 101.70): BN0

Ion 130.00 (129.70 to 130.70): BN0

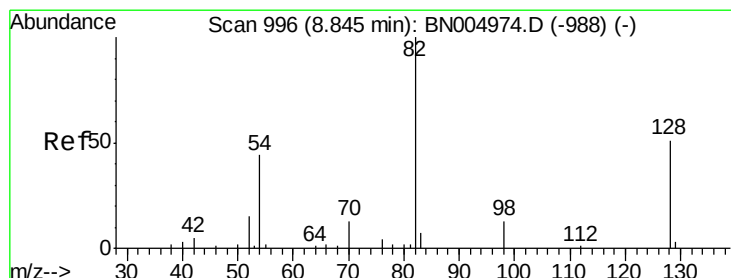
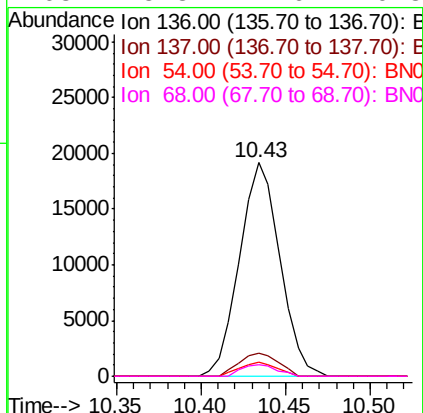
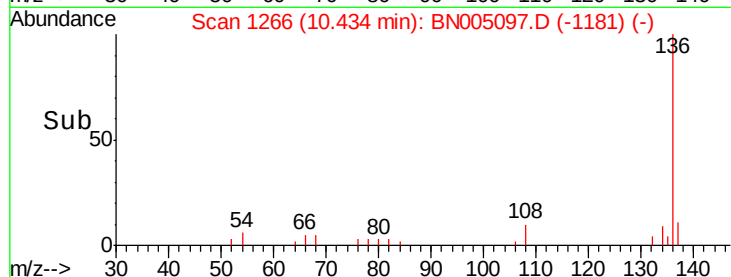
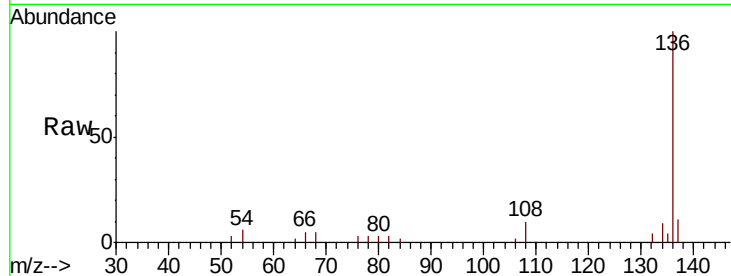




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.03 min
Lab File: BN005097.D
Acq: 04 Apr 2019 17:30

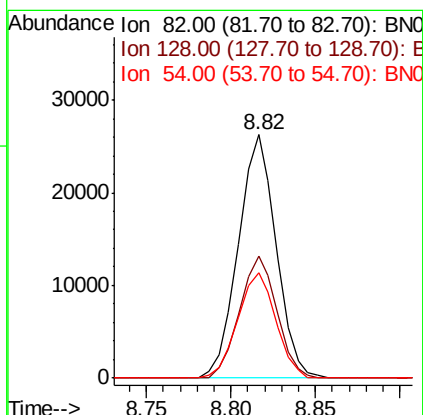
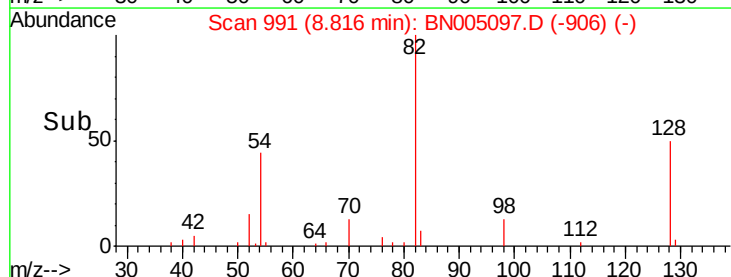
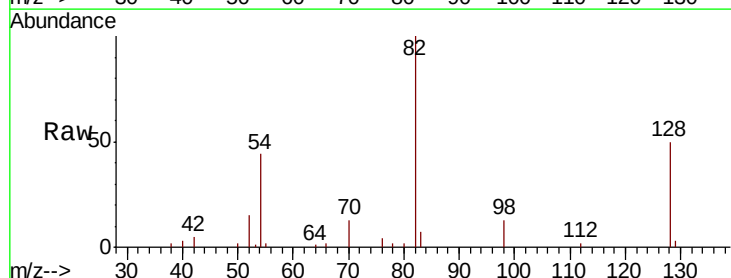
Instrument :
BNA_N
ClientSampleId :
PB118598BL

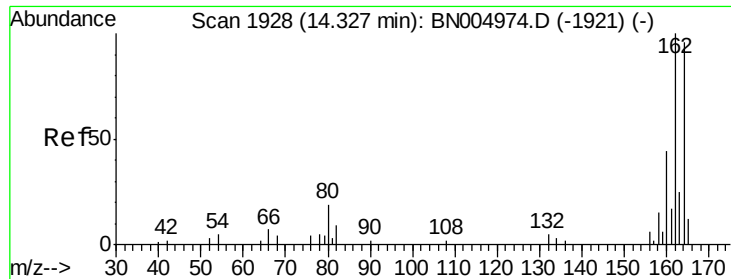
Tgt Ion:	136	Resp:	31974
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.4	5.3	7.9
68	5.3	4.6	6.8



#23
Nitrobenzene-d5
Concen: 77.365 ng
RT: 8.82 min Scan# 991
Delta R.T. -0.03 min
Lab File: BN005097.D
Acq: 04 Apr 2019 17:30

Tgt Ion:	82	Resp:	40893
Ion	Ratio	Lower	Upper
82	100		
128	49.9	40.6	60.8
54	43.5	35.2	52.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1923

Delta R.T. -0.03 min

Lab File: BN005097.D

Acq: 04 Apr 2019 17:30

Instrument :

BNA_N

ClientSampleId :

PB118598BL

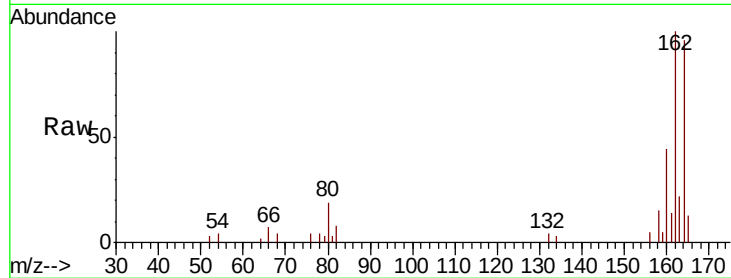
Tgt Ion:164 Resp: 19082

Ion Ratio Lower Upper

164 100

162 103.8 83.4 125.0

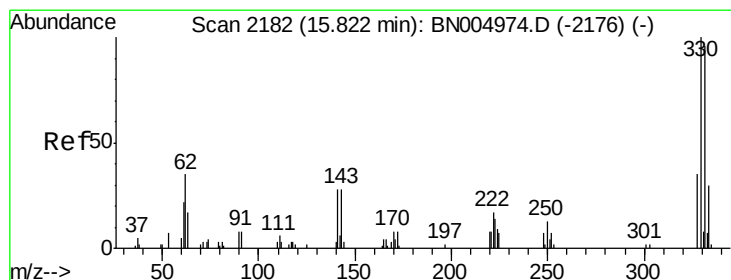
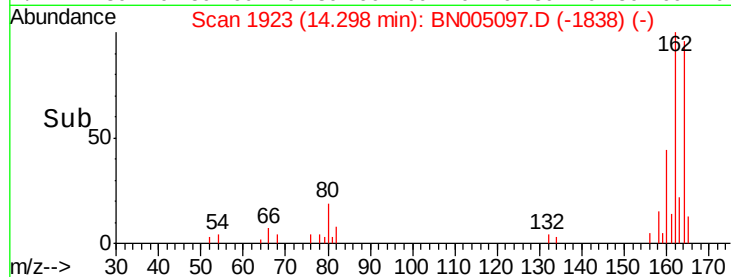
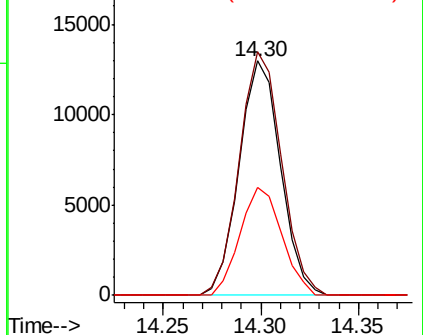
160 45.9 36.6 55.0



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: 126.818 ng

RT: 15.80 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BN005097.D

Acq: 04 Apr 2019 17:30

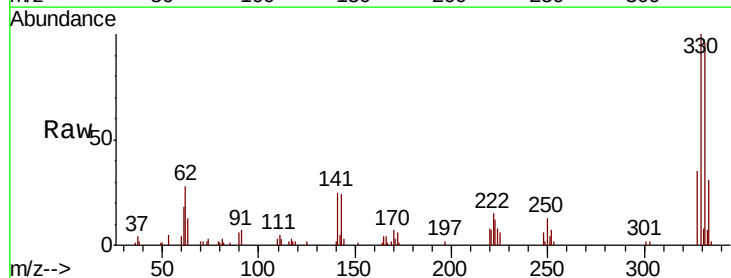
Tgt Ion:330 Resp: 39029

Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.0

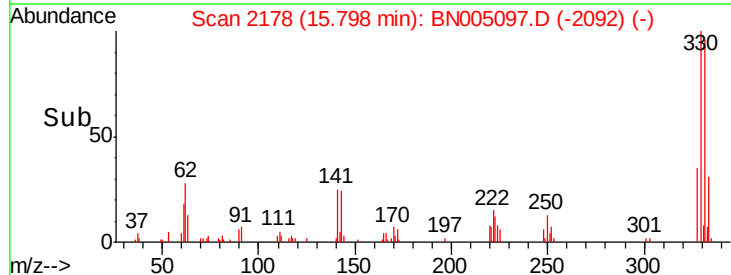
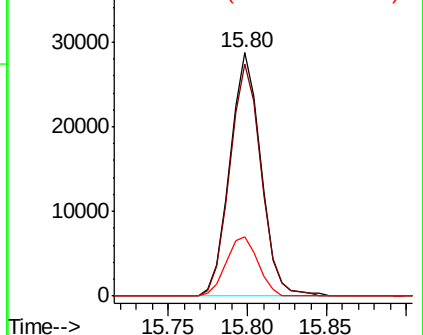
141 24.9 22.1 33.1

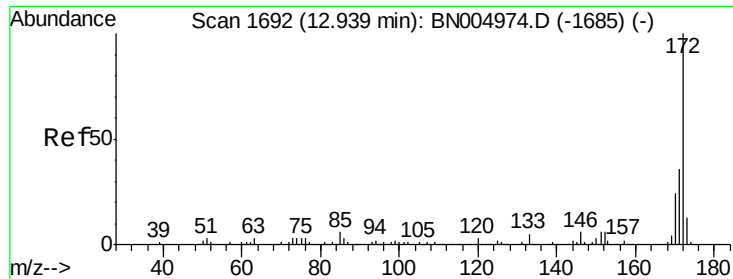


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

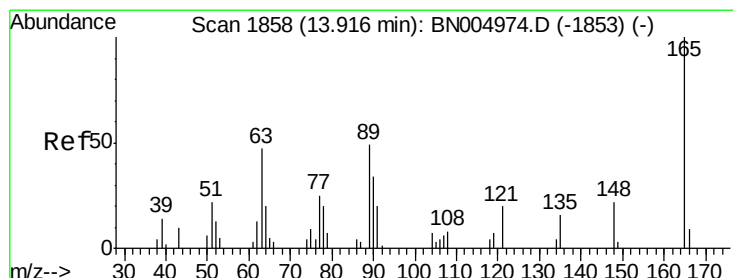
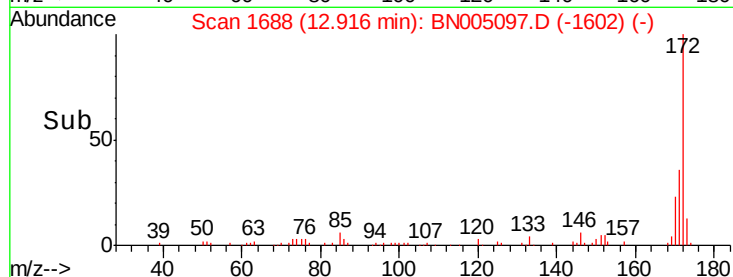
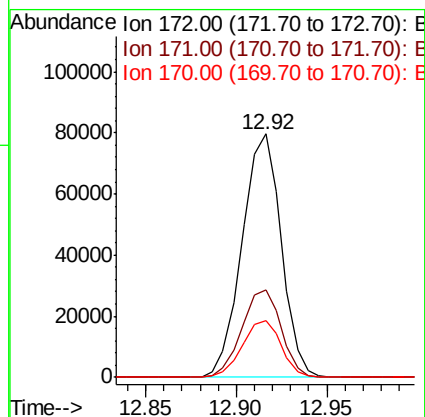
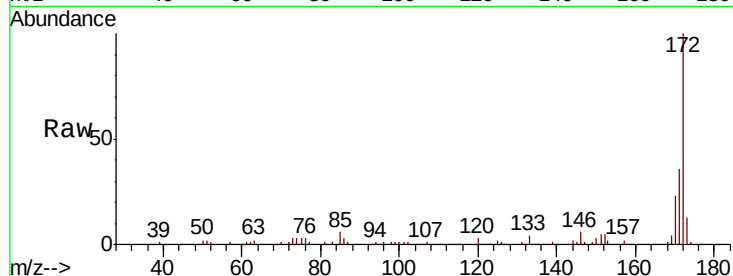




#45
 2-Fluorobiphenyl
 Concen: 82.800 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BN005097.D
 Acq: 04 Apr 2019 17:30

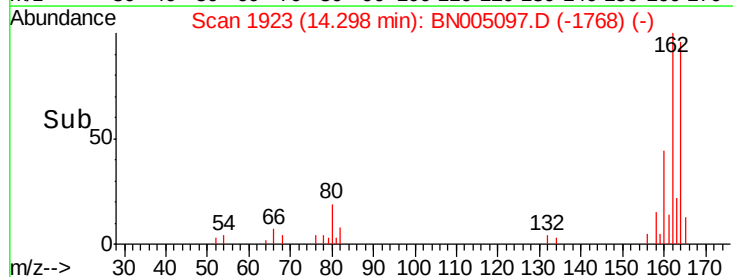
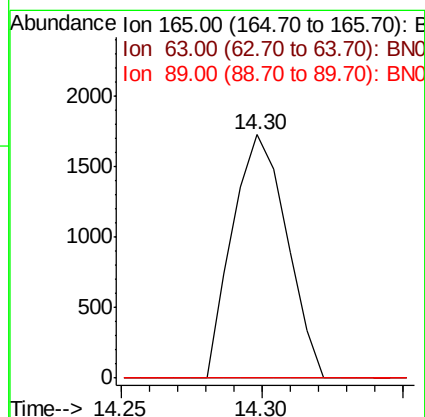
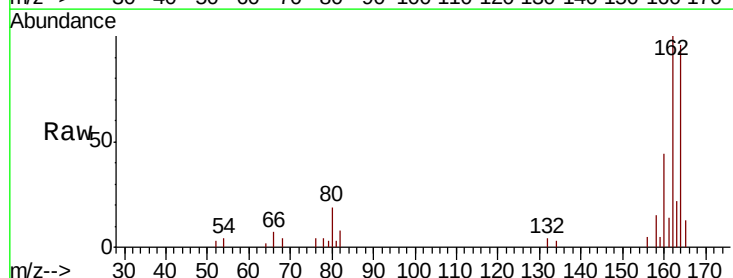
Instrument :
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 ClientSampleId :
 PB118598BL

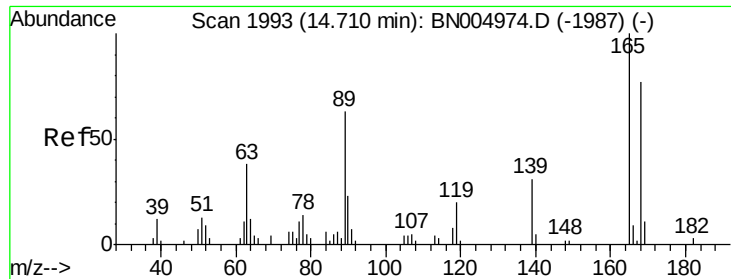
Tgt Ion:172 Resp: 119233
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 42.8
 170 23.3 18.9 28.3



#51
 2,6-Dinitrotoluene
 Concen: 6.473 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. 0.38 min
 Lab File: BN005097.D
 Acq: 04 Apr 2019 17:30

Tgt Ion:165 Resp: 2309
 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: 4.763 ng

RT: 14.30 min Scan# 1923

Delta R.T. -0.41 min

Lab File: BN005097.D

Acq: 04 Apr 2019 17:30

Instrument :

BNA_N

ClientSampleId :

PB118598BL

Tgt Ion:165 Resp: 2309

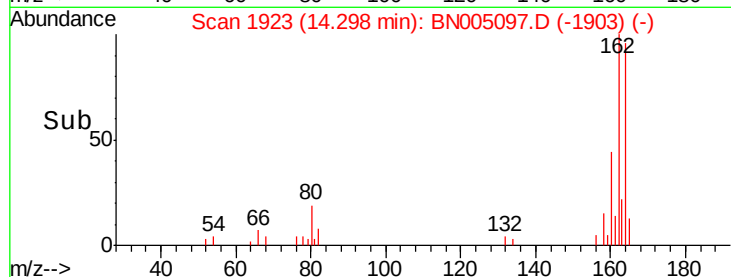
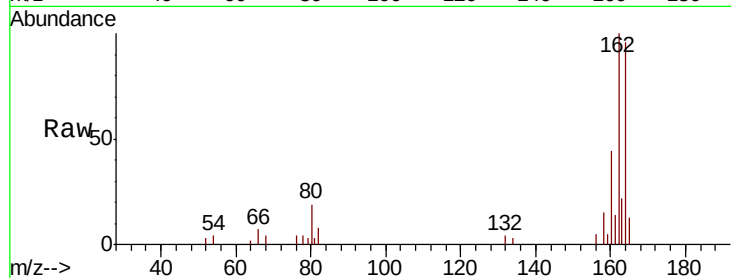
Ion Ratio Lower Upper

165 100

63 0.0 30.4 45.6#

89 0.0 50.7 76.1#

182 0.0 2.5 3.7#

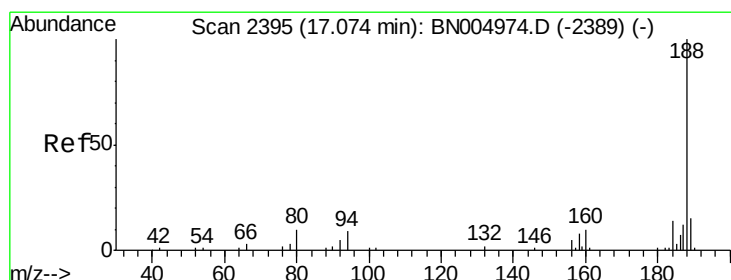
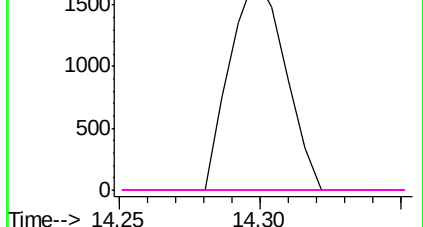


Abundance Ion 165.00 (164.70 to 165.70): E

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: BN005097.D

Acq: 04 Apr 2019 17:30

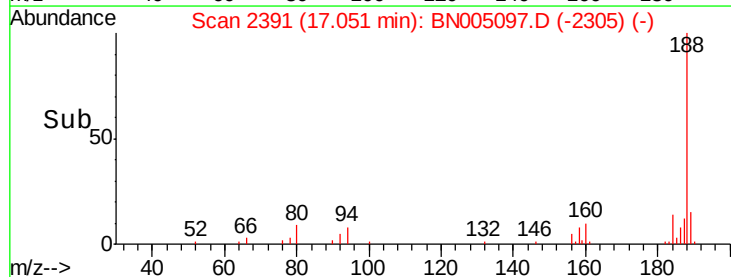
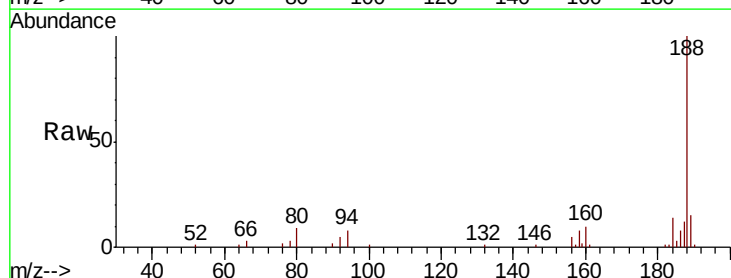
Tgt Ion:188 Resp: 43826

Ion Ratio Lower Upper

188 100

94 8.2 7.2 10.8

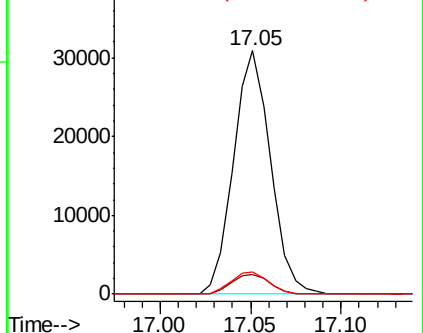
80 9.1 7.8 11.6

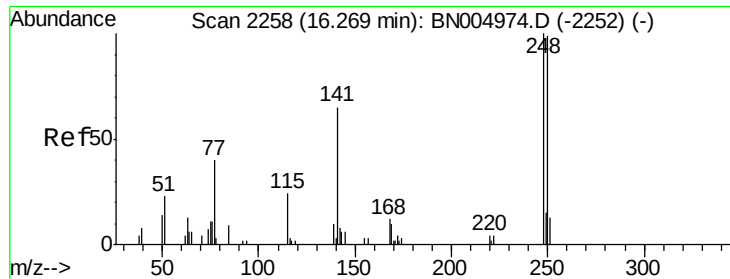


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

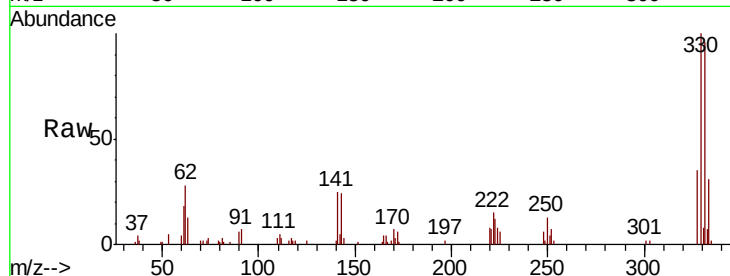




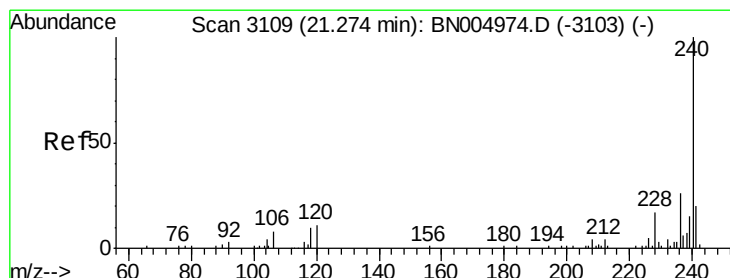
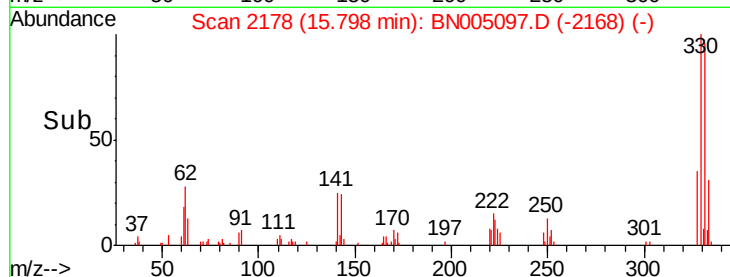
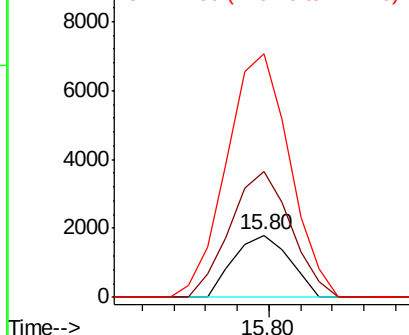
#67
 4-Bromophenyl-phenylether
 Concen: 4.004 ng
 RT: 15.80 min Scan# 2178
 Delta R.T. -0.47 min
 Lab File: BN005097.D
 Acq: 04 Apr 2019 17:30

Instrument :
 BNA_N
 ClientSampleId :
 PB118598BL

Tgt Ion: 248 Resp: 2190
 Ion Ratio Lower Upper
 248 100
 250 204.0 79.4 119.2#
 141 393.5 52.3 78.5#

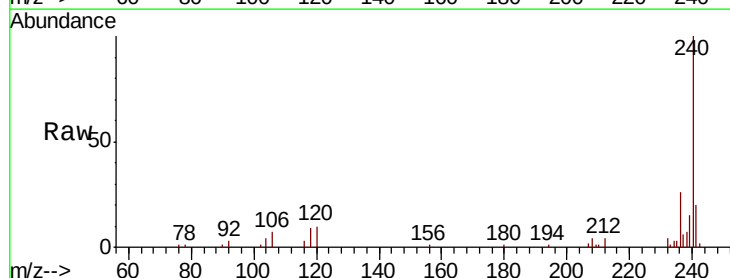


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

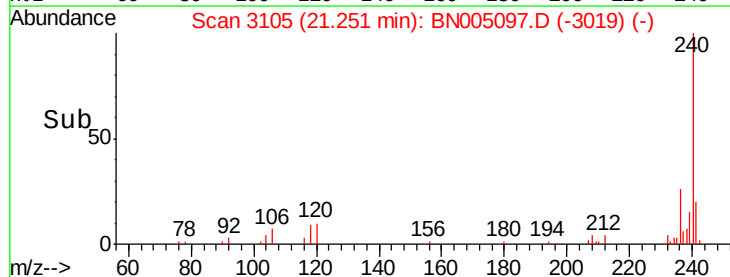
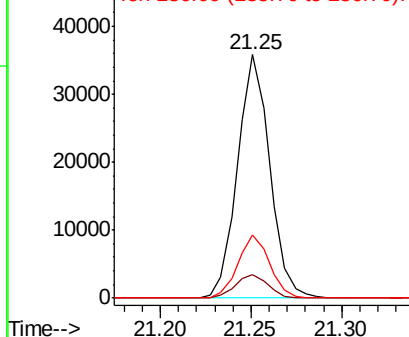


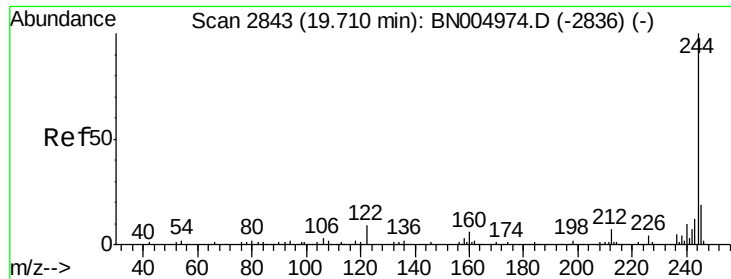
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.25 min Scan# 3105
 Delta R.T. -0.02 min
 Lab File: BN005097.D
 Acq: 04 Apr 2019 17:30

Tgt Ion: 240 Resp: 44301
 Ion Ratio Lower Upper
 240 100
 120 9.9 8.5 12.7
 236 25.8 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: 84.433 ng

RT: 19.69 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BN005097.D

Acq: 04 Apr 2019 17:30

Instrument :

BNA_N

ClientSampleId :

PB118598BL

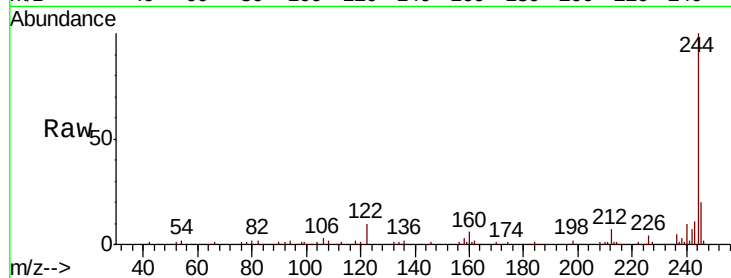
Tgt Ion:244 Resp: 194285

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

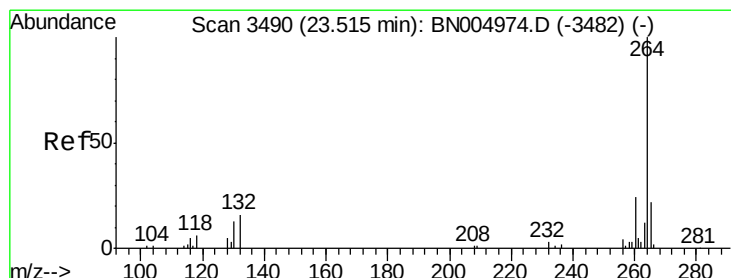
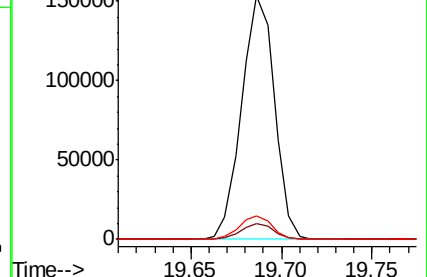
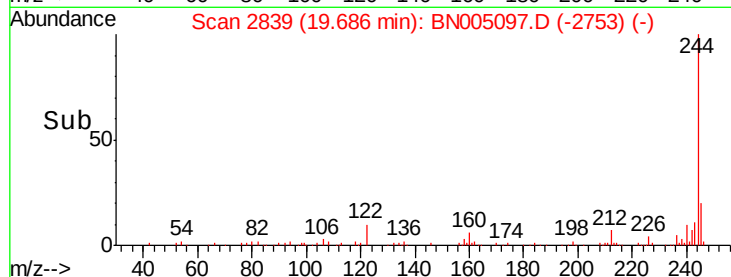
122 9.6 7.4 11.2



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: BN005097.D

Acq: 04 Apr 2019 17:30

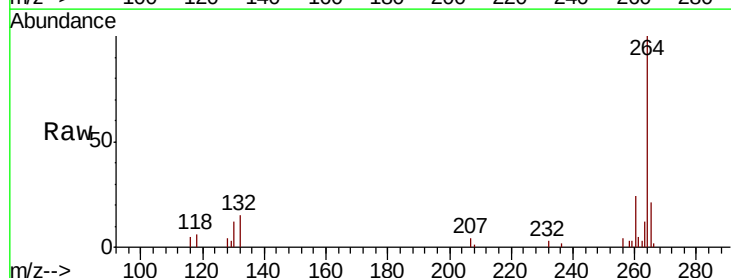
Tgt Ion:264 Resp: 41983

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.4

265 21.4 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

